Quantitation Report (Not Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ043021\
Data File : PQ053326.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 30 Apr 2021 18:03
Operator : DD\AJ
Sample : AR1254CCC400
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : ECD_Q
ClientSampleId :

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 01 04:35:41 2021
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ042021CLP.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Apr 21 07:47:07 2021
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2
Signal #1 Info : 30Mx0.32mmx 0.5µm Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml	
	System Monitoring Compounds							
1)	SA Tetrachlo...	5.221	4.237	628.2E6	250.8E6	22.389	21.571	
2)	SA Decachlor...	11.410	9.575	1125.9E6	473.9E6	39.810	38.077	
	Target Compounds							
3)	L1 AR-1016-1	6.546	5.495	16926874	7234910	17.373	16.428	
4)	L1 AR-1016-2	6.573	5.515	19984635	6088701	13.744	9.624	#
5)	L1 AR-1016-3	6.636	5.709	9242162	4274451	10.512	12.962	
6)	L1 AR-1016-4	6.745	5.757	8940709	171.5E6	12.342	658.038	#
7)	L1 AR-1016-5	7.058	5.988	213.1E6	101.4E6	308.488	305.257	
8)	L2 AR-1221-1	5.475	4.434f	1374016	1998227	4.518	15.670	#
9)	L2 AR-1221-2	5.576	4.593	8424140	4808019	40.826	54.111	#
10)	L2 AR-1221-3	5.658	4.682	4767695	2097020	6.868	6.791	
11)	L3 AR-1232-1	5.658	4.682	4767695	2097020	9.181	9.186	
12)	L3 AR-1232-2	6.251	5.515	9009806	6088701	32.176	24.921	
13)	L3 AR-1232-3	6.573	5.709	19984635	4274451	34.857	34.950	
14)	L3 AR-1232-4	6.745	5.802	8940709	49111525	31.260	469.069	#
15)	L3 AR-1232-5	6.838	5.988	362.3E6	101.4E6	1775.388	864.896	#
16)	L4 AR-1242-1	6.546	5.495	16926874	7234910	18.667	18.050	
17)	L4 AR-1242-2	6.573	5.515	19984635	6088701	14.715	10.439	#
18)	L4 AR-1242-3	6.636	5.709	9242162	4274451	11.199	14.110	#
19)	L4 AR-1242-4	6.745	5.802	8940709	49111525	13.050	172.655	#
20)	L4 AR-1242-5	7.528	6.367	197.1E6	454.0E6	270.228	1145.966	#
21)	L5 AR-1248-1	6.546	5.495	16926874	7234910	27.355	26.562	
22)	L5 AR-1248-2	6.838	5.757	362.3E6	171.5E6	415.385	461.312	
23)	L5 AR-1248-3	7.058	5.802	213.1E6	49111525	217.367	128.633	#
24)	L5 AR-1248-4	7.486	5.988	325.3E6	101.4E6	284.649	217.002	
25)	L5 AR-1248-5	7.528	6.410	197.1E6	50105418	172.981	101.828	#
26)	L6 AR-1254-1	7.455	6.367	637.9E6	454.0E6	405.783	423.416	
27)	L6 AR-1254-2	7.684	6.526	975.6E6	398.8E6	398.498	418.117	
28)	L6 AR-1254-3	8.068	6.947	1028.9E6	635.2E6	390.978	410.108	
29)	L6 AR-1254-4	8.362	7.186	748.3E6	439.7E6	388.842	419.890	
30)	L6 AR-1254-5	8.792	7.615	768.3E6	586.5E6	375.566	401.910	
31)	L7 AR-1260-1	8.233	7.085	378.3E6	297.6E6	328.619	459.249	#
32)	L7 AR-1260-2	8.496	7.279	439.8E6	295.6E6	315.633	318.905	
33)	L7 AR-1260-3	8.854	7.434	95191090	253.1E6	88.906	325.235	#
34)	L7 AR-1260-4	9.100	7.919	286.9E6	26691543	236.930	39.315	#
35)	L7 AR-1260-5	9.452	8.165	129.9E6	71601033	50.751	38.702	
36)	L8 AR-1262-1	8.854	7.615	95191090	586.5E6	47.594	956.732	#
37)	L8 AR-1262-2	9.452	8.165	129.9E6	71601033	34.992	28.178	
38)	L8 AR-1262-3	9.811	8.452	83133295	1324483	33.126	1.304	#
39)	L8 AR-1262-4	9.863	8.512	22179127	59672133	11.097	34.637	#
40)	L8 AR-1262-5	10.599	9.018	6543206	3647023	4.616	4.685	
41)	L9 AR-1268-1	9.811	8.452	83133295	1324483	18.685	0.452	#

Quantitation Report (Not Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ043021\
Data File : PQ053326.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 30 Apr 2021 18:03
Operator : DD\AJ
Sample : AR1254CCC400
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : ECD_Q
ClientSampleId :

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 01 04:35:41 2021
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ042021CLP.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Apr 21 07:47:07 2021
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2
Signal #1 Info : 30Mx0.32mmx 0.5µm Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
42)	L9 AR-1268-2	9.863	8.512	22179127	59672133	5.173	23.967 #
43)	L9 AR-1268-3	10.132	8.725	2126026	2554894	0.559	1.179 #
44)	L9 AR-1268-4	10.599	9.018	6543206	3647023	4.251	4.275
45)	L9 AR-1268-5	11.046	9.316	9459362	3619327	0.734	0.584

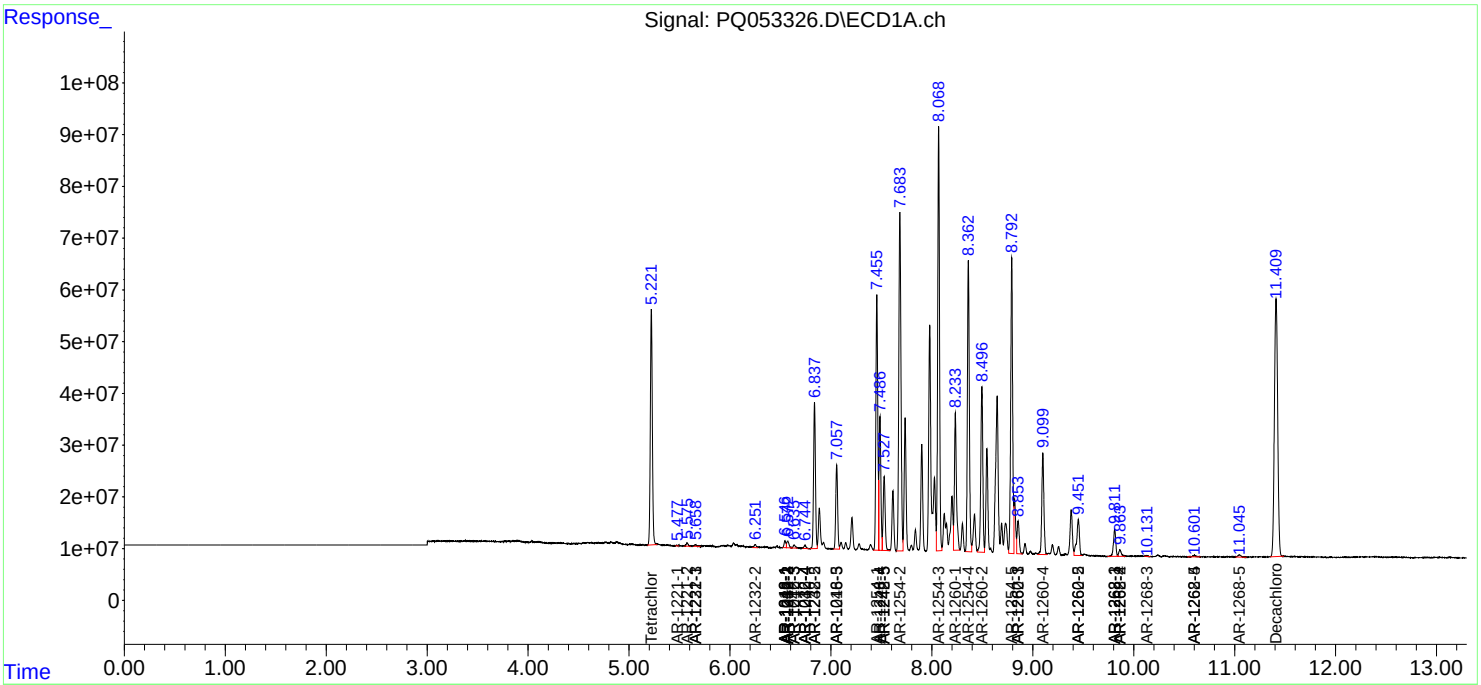
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

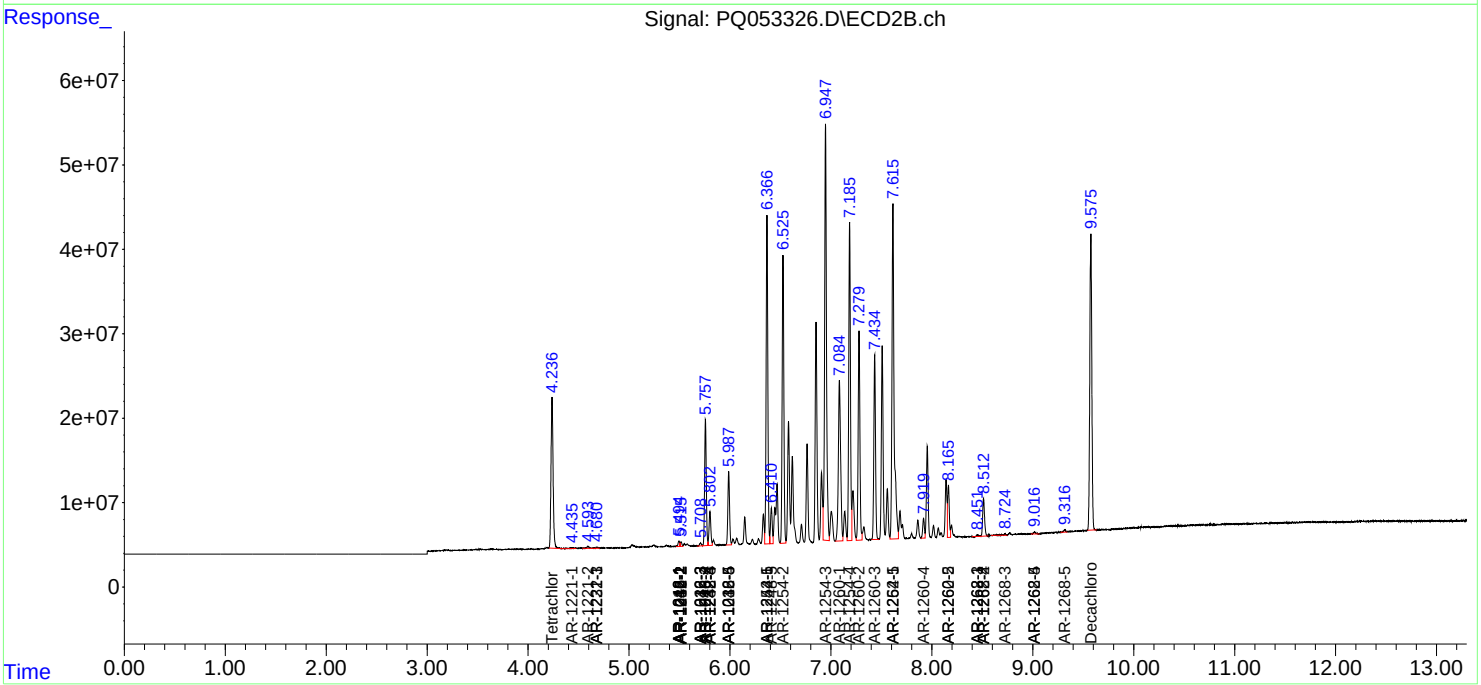
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ043021\
Data File : PQ053326.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 30 Apr 2021 18:03
Operator : DD\AJ
Sample : AR1254CCC400
Misc :
ALS Vial : 6 Sample Multiplier: 1

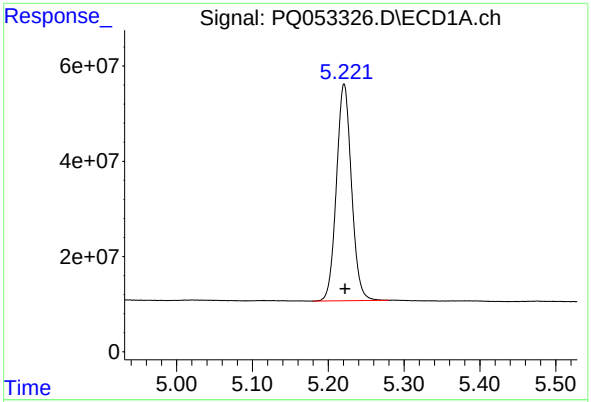
Instrument :
ECD_Q
ClientSampleId :

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 01 04:35:41 2021
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ042021CLP.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Apr 21 07:47:07 2021
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2
Signal #1 Info : 30Mx0.32mmx 0.5µm Signal #2 Info : 30M x 0.32mm x 0.25µm



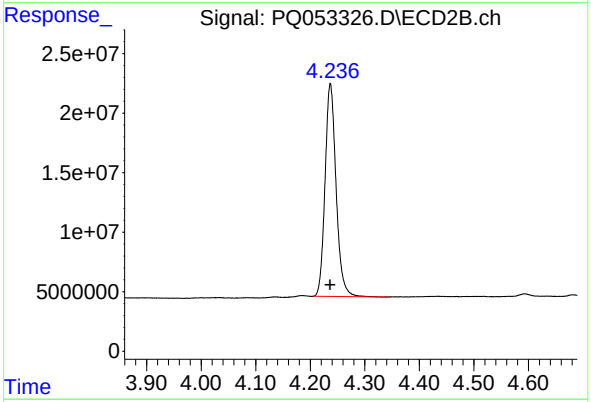




#1 Tetrachloro-m-xylene

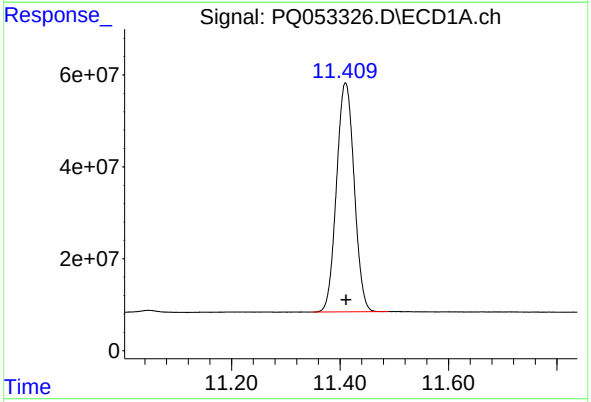
R.T.: 5.221 min
Delta R.T.: -0.001 min
Response: 628213321
Conc: 22.39 ng/ml

Instrument :
ECD_Q
ClientSampleId :



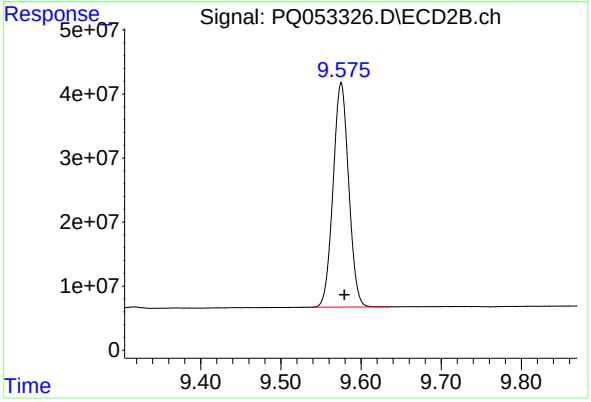
#1 Tetrachloro-m-xylene

R.T.: 4.237 min
Delta R.T.: 0.000 min
Response: 250839618
Conc: 21.57 ng/ml



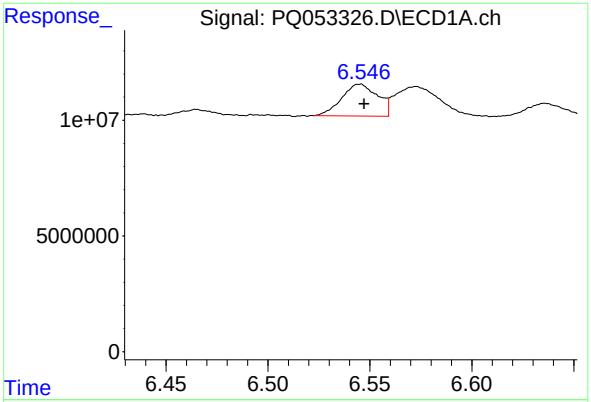
#2 Decachlorobiphenyl

R.T.: 11.410 min
Delta R.T.: -0.001 min
Response: 1125899343
Conc: 39.81 ng/ml



#2 Decachlorobiphenyl

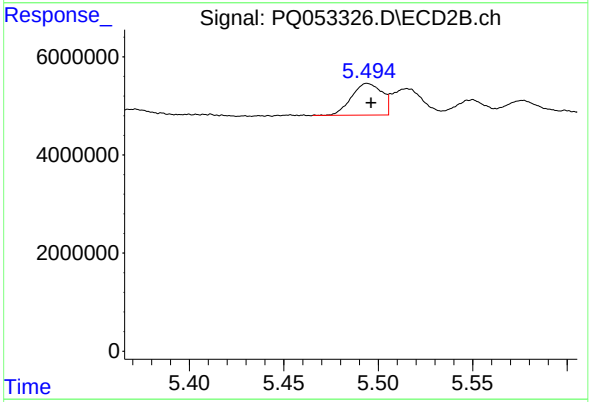
R.T.: 9.575 min
Delta R.T.: -0.004 min
Response: 473909292
Conc: 38.08 ng/ml



#3 AR-1016-1

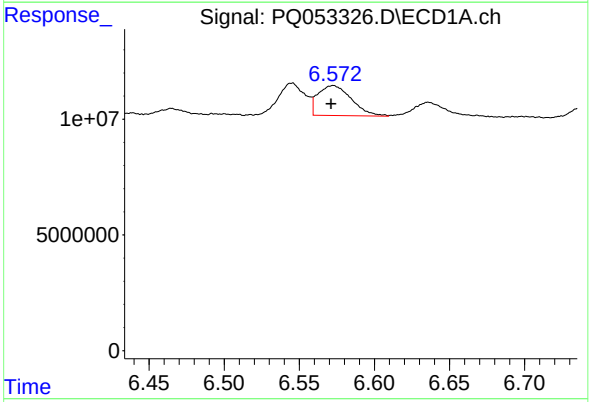
R.T.: 6.546 min
Delta R.T.: -0.002 min
Response: 16926874
Conc: 17.37 ng/ml

Instrument :
ECD_Q
ClientSampleId :



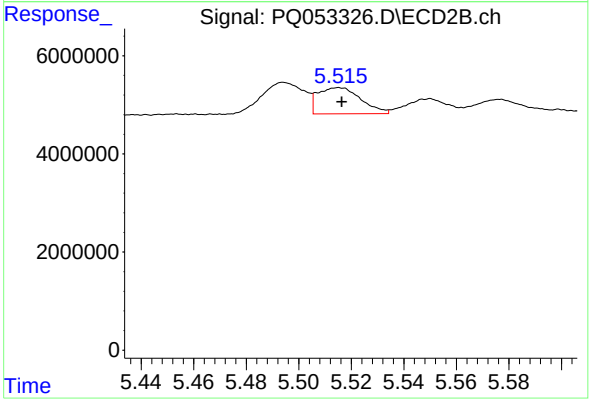
#3 AR-1016-1

R.T.: 5.495 min
Delta R.T.: -0.002 min
Response: 7234910
Conc: 16.43 ng/ml



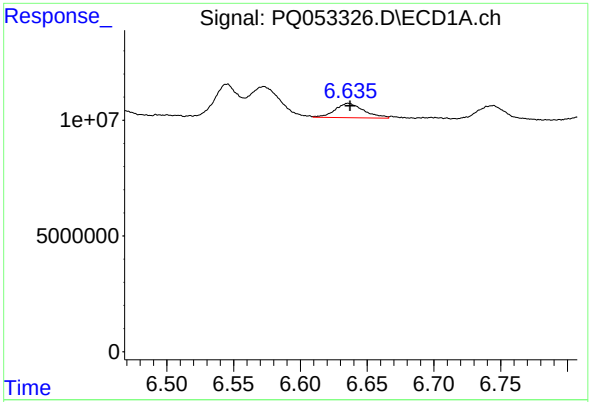
#4 AR-1016-2

R.T.: 6.573 min
Delta R.T.: 0.002 min
Response: 19984635
Conc: 13.74 ng/ml



#4 AR-1016-2

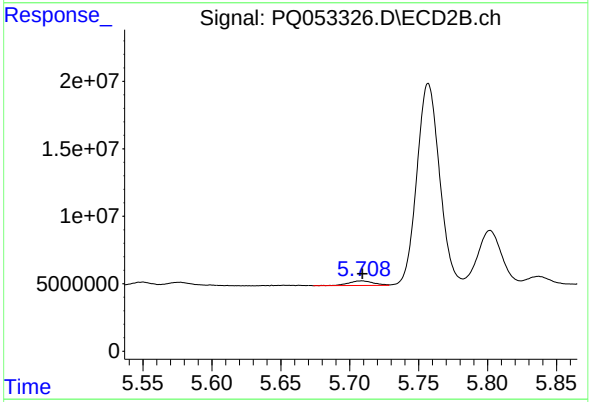
R.T.: 5.515 min
Delta R.T.: -0.001 min
Response: 6088701
Conc: 9.62 ng/ml



#5 AR-1016-3

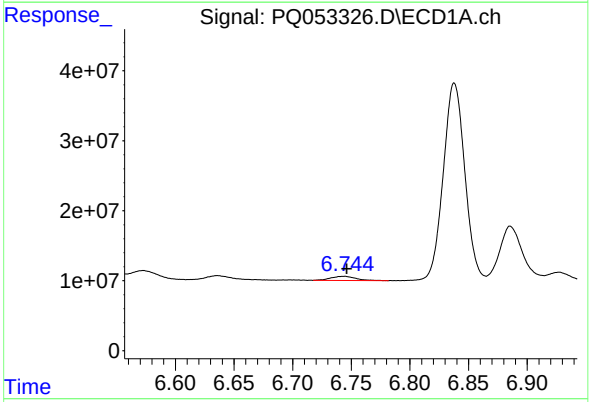
R.T.: 6.636 min
Delta R.T.: -0.001 min
Response: 9242162
Conc: 10.51 ng/ml

Instrument :
ECD_Q
ClientSampleId :



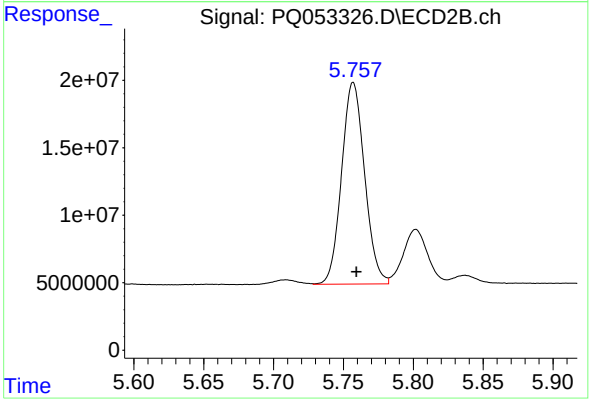
#5 AR-1016-3

R.T.: 5.709 min
Delta R.T.: 0.000 min
Response: 4274451
Conc: 12.96 ng/ml



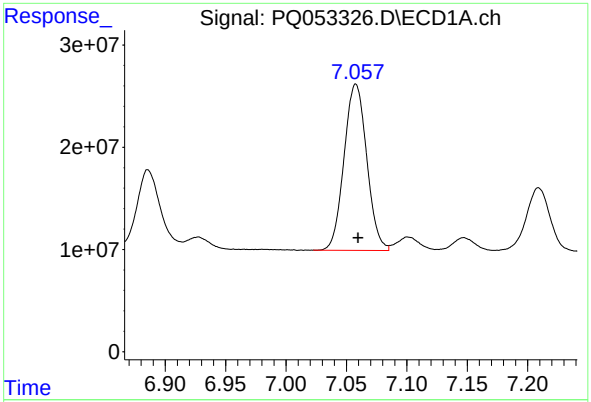
#6 AR-1016-4

R.T.: 6.745 min
Delta R.T.: -0.002 min
Response: 8940709
Conc: 12.34 ng/ml



#6 AR-1016-4

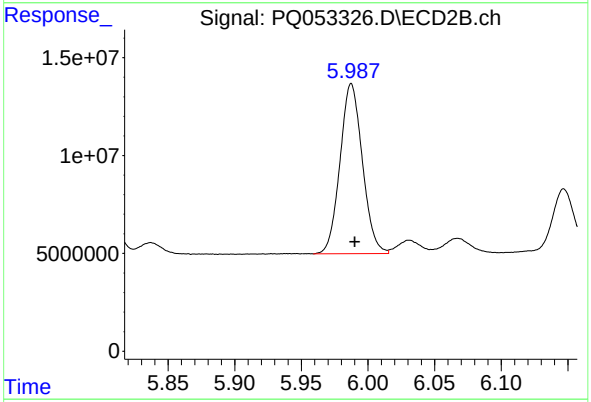
R.T.: 5.757 min
Delta R.T.: -0.002 min
Response: 171527059
Conc: 658.04 ng/ml



#7 AR-1016-5

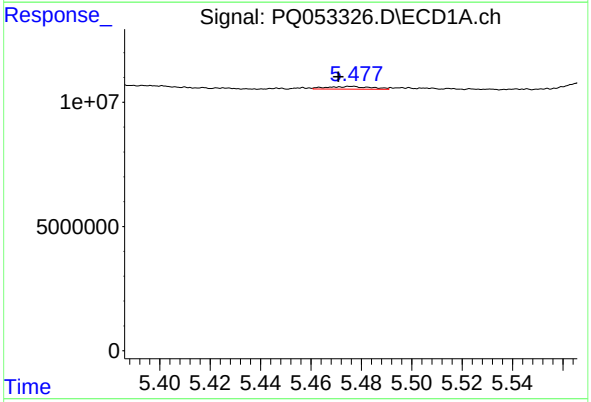
R.T.: 7.058 min
Delta R.T.: -0.002 min
Response: 213070227
Conc: 308.49 ng/ml

Instrument :
ECD_Q
ClientSampleId :



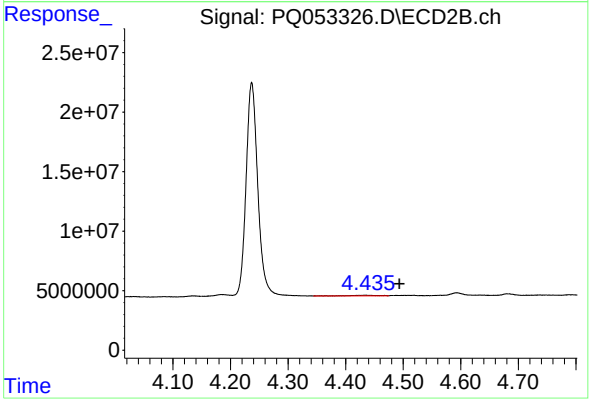
#7 AR-1016-5

R.T.: 5.988 min
Delta R.T.: -0.002 min
Response: 101446421
Conc: 305.26 ng/ml



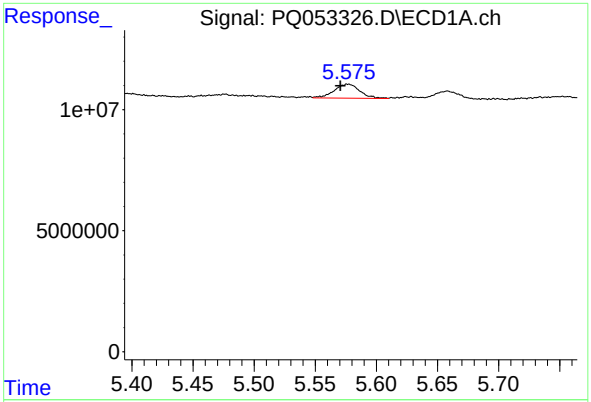
#8 AR-1221-1

R.T.: 5.475 min
Delta R.T.: 0.005 min
Response: 1374016
Conc: 4.52 ng/ml



#8 AR-1221-1

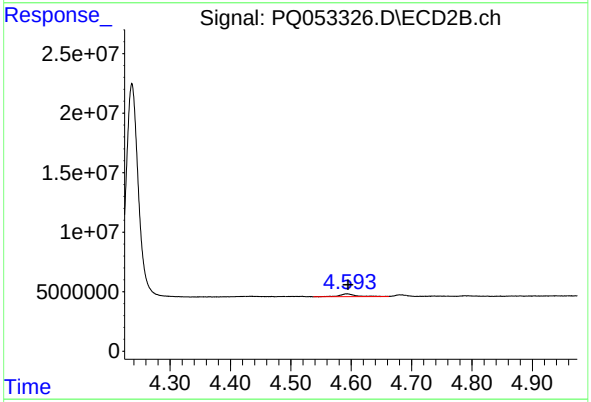
R.T.: 4.434 min
Delta R.T.: -0.060 min
Response: 1998227
Conc: 15.67 ng/ml



#9 AR-1221-2

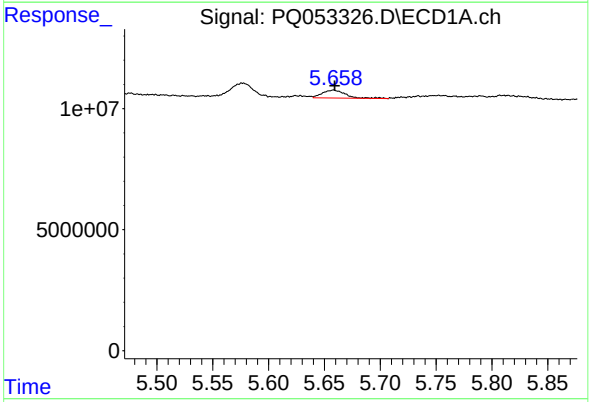
R.T.: 5.576 min
Delta R.T.: 0.005 min
Response: 8424140
Conc: 40.83 ng/ml

Instrument :
ECD_Q
ClientSampleId :



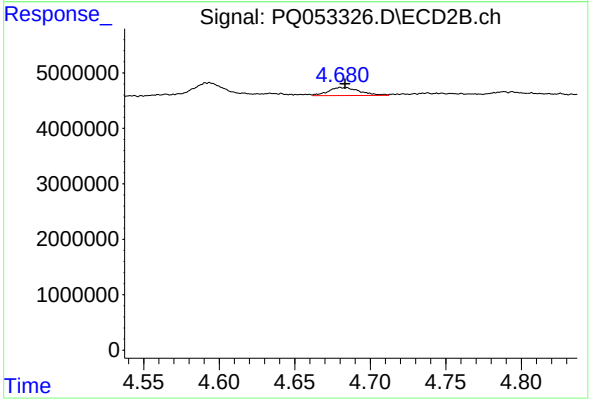
#9 AR-1221-2

R.T.: 4.593 min
Delta R.T.: -0.002 min
Response: 4808019
Conc: 54.11 ng/ml



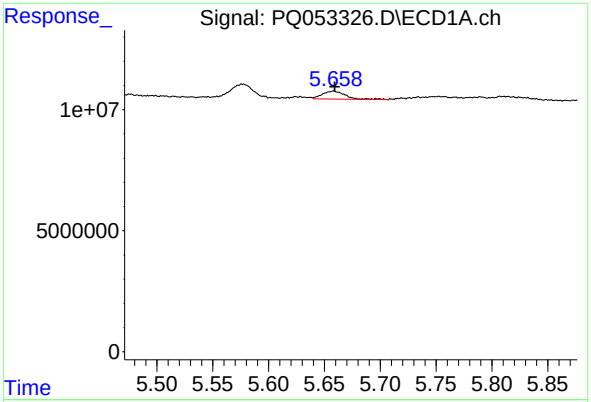
#10 AR-1221-3

R.T.: 5.658 min
Delta R.T.: 0.000 min
Response: 4767695
Conc: 6.87 ng/ml



#10 AR-1221-3

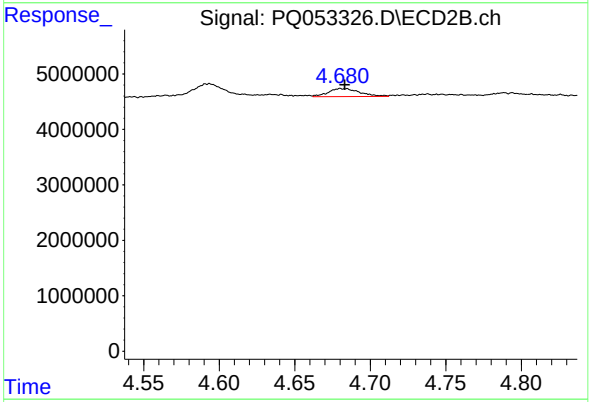
R.T.: 4.682 min
Delta R.T.: -0.002 min
Response: 2097020
Conc: 6.79 ng/ml



#11 AR-1232-1

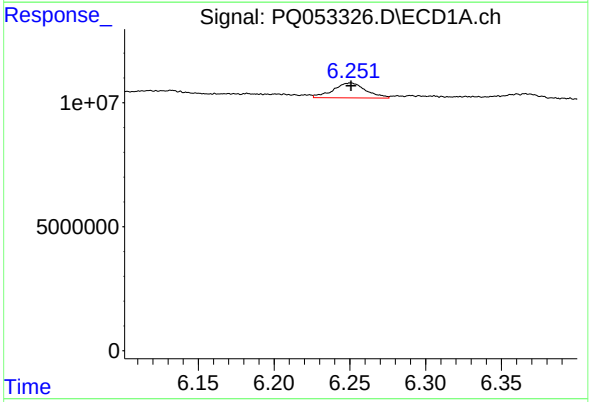
R.T.: 5.658 min
Delta R.T.: 0.000 min
Response: 4767695
Conc: 9.18 ng/ml

Instrument :
ECD_Q
ClientSampleId :



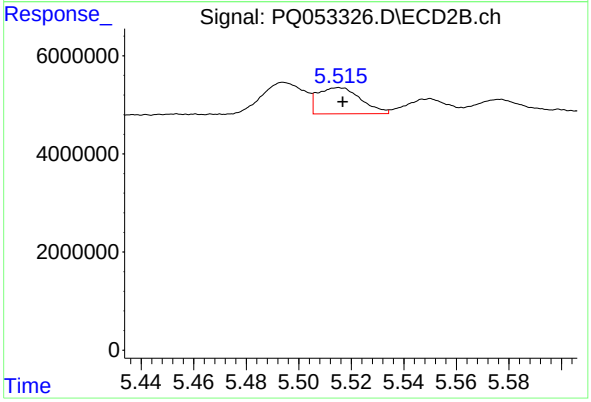
#11 AR-1232-1

R.T.: 4.682 min
Delta R.T.: -0.001 min
Response: 2097020
Conc: 9.19 ng/ml



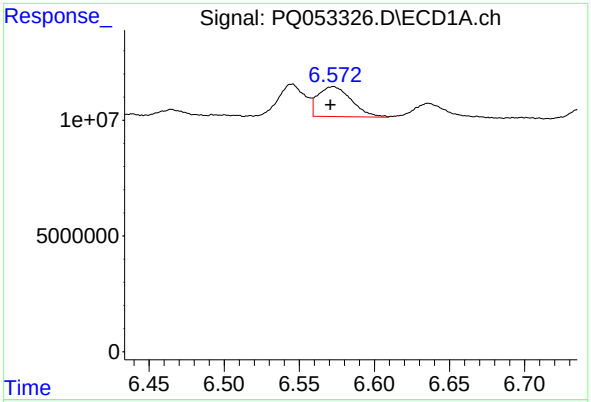
#12 AR-1232-2

R.T.: 6.251 min
Delta R.T.: 0.000 min
Response: 9009806
Conc: 32.18 ng/ml



#12 AR-1232-2

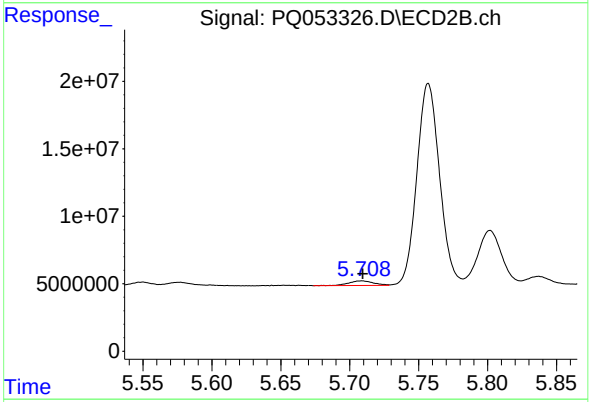
R.T.: 5.515 min
Delta R.T.: -0.002 min
Response: 6088701
Conc: 24.92 ng/ml



#13 AR-1232-3

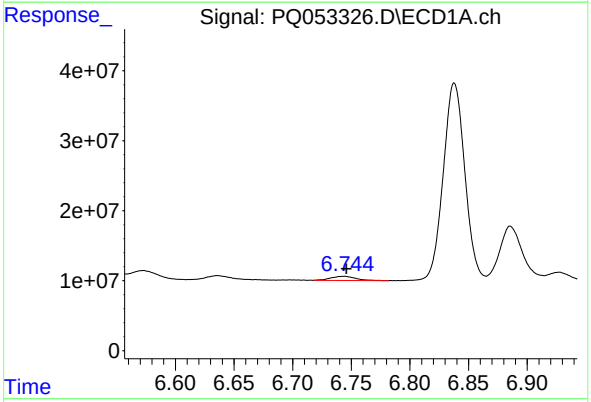
R.T.: 6.573 min
Delta R.T.: 0.002 min
Response: 19984635
Conc: 34.86 ng/ml

Instrument :
ECD_Q
ClientSampleId :



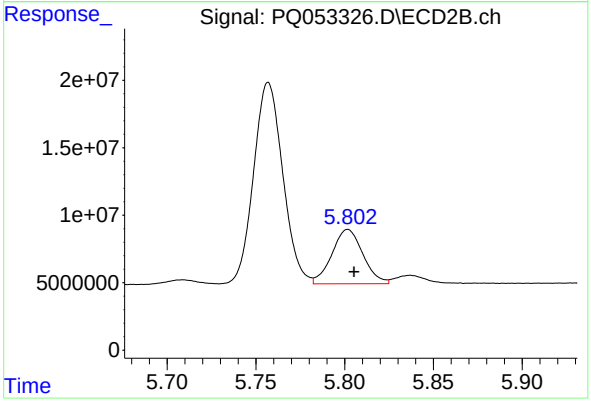
#13 AR-1232-3

R.T.: 5.709 min
Delta R.T.: 0.000 min
Response: 4274451
Conc: 34.95 ng/ml



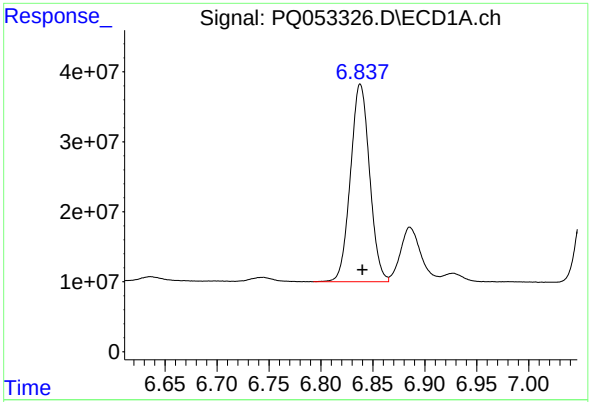
#14 AR-1232-4

R.T.: 6.745 min
Delta R.T.: -0.001 min
Response: 8940709
Conc: 31.26 ng/ml



#14 AR-1232-4

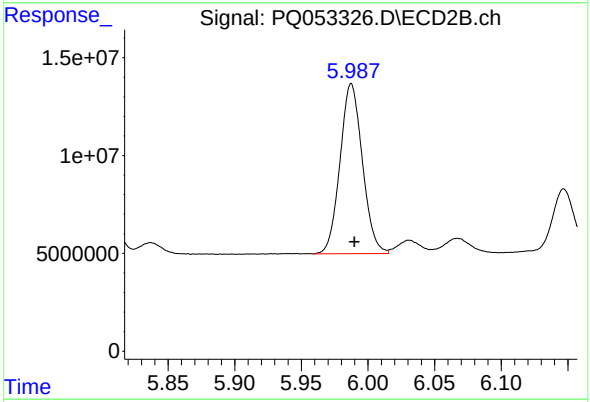
R.T.: 5.802 min
Delta R.T.: -0.003 min
Response: 49111525
Conc: 469.07 ng/ml



#15 AR-1232-5

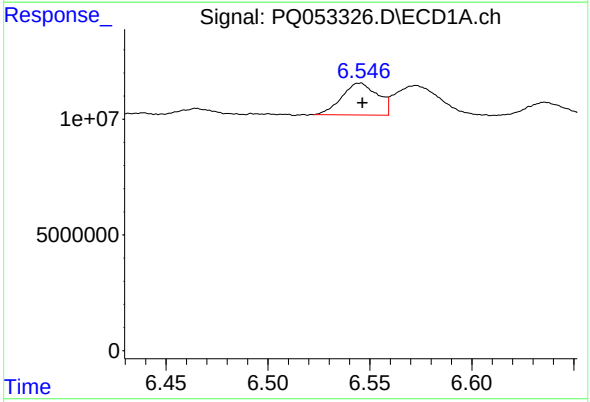
R.T.: 6.838 min
Delta R.T.: -0.002 min
Response: 362290165
Conc: 1775.39 ng/ml

Instrument :
ECD_Q
ClientSampleId :



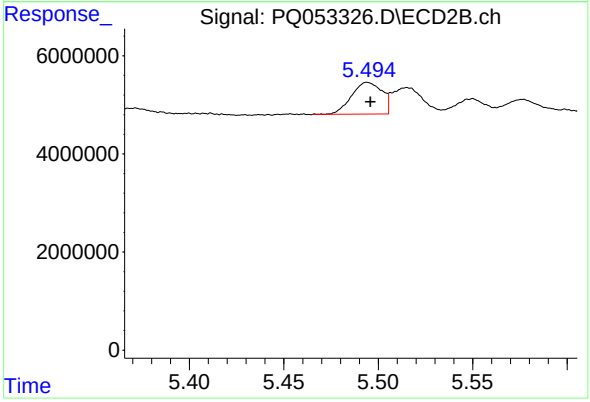
#15 AR-1232-5

R.T.: 5.988 min
Delta R.T.: -0.002 min
Response: 101446421
Conc: 864.90 ng/ml



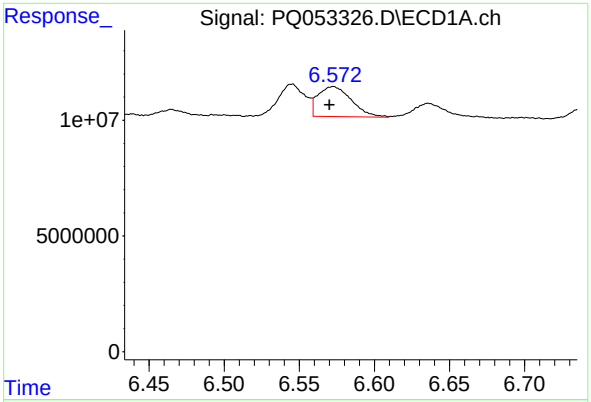
#16 AR-1242-1

R.T.: 6.546 min
Delta R.T.: 0.000 min
Response: 16926874
Conc: 18.67 ng/ml



#16 AR-1242-1

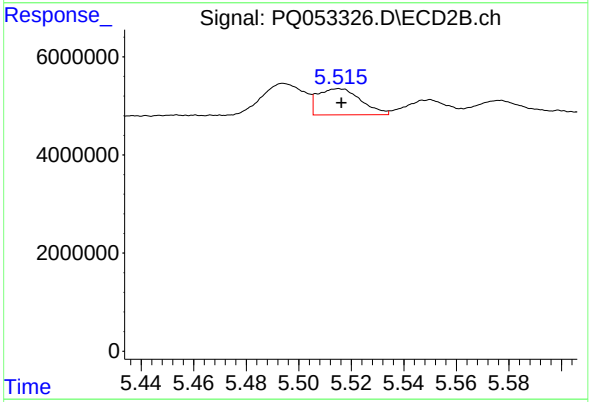
R.T.: 5.495 min
Delta R.T.: -0.001 min
Response: 7234910
Conc: 18.05 ng/ml



#17 AR-1242-2

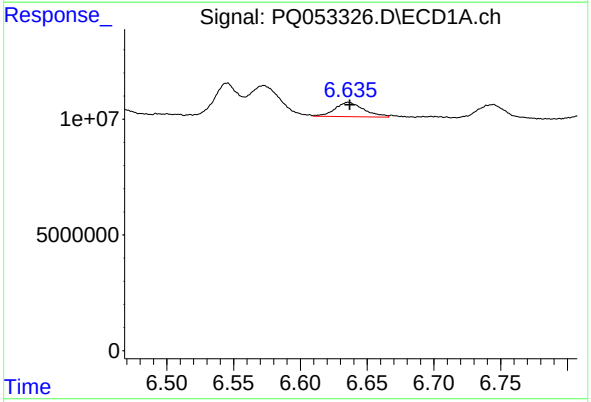
R.T.: 6.573 min
Delta R.T.: 0.003 min
Response: 19984635
Conc: 14.71 ng/ml

Instrument :
ECD_Q
ClientSampleId :



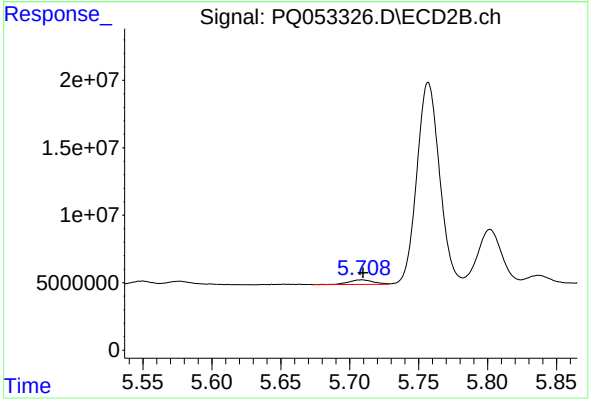
#17 AR-1242-2

R.T.: 5.515 min
Delta R.T.: -0.001 min
Response: 6088701
Conc: 10.44 ng/ml



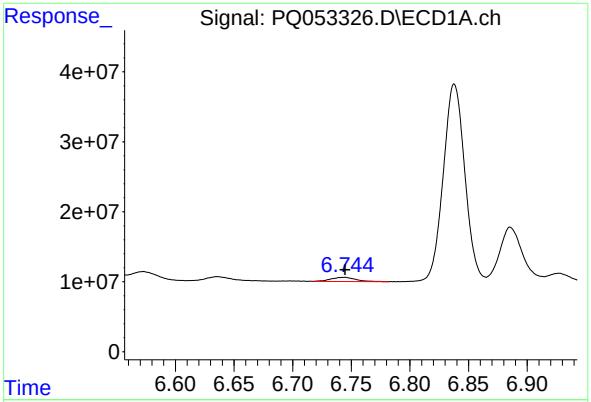
#18 AR-1242-3

R.T.: 6.636 min
Delta R.T.: -0.001 min
Response: 9242162
Conc: 11.20 ng/ml



#18 AR-1242-3

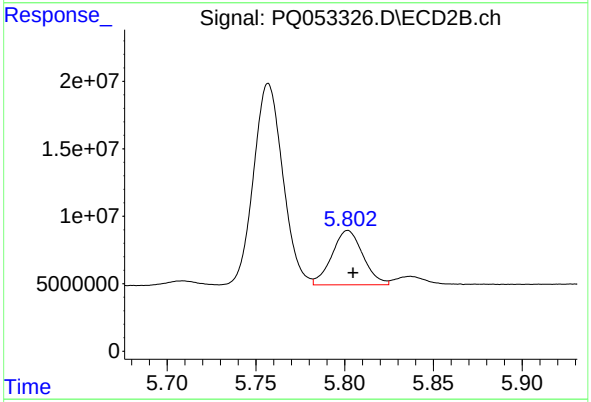
R.T.: 5.709 min
Delta R.T.: -0.001 min
Response: 4274451
Conc: 14.11 ng/ml



#19 AR-1242-4

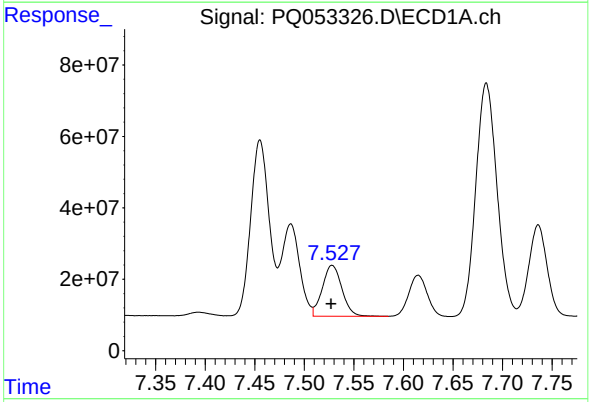
R.T.: 6.745 min
Delta R.T.: 0.000 min
Response: 8940709
Conc: 13.05 ng/ml

Instrument :
ECD_Q
ClientSampleId :



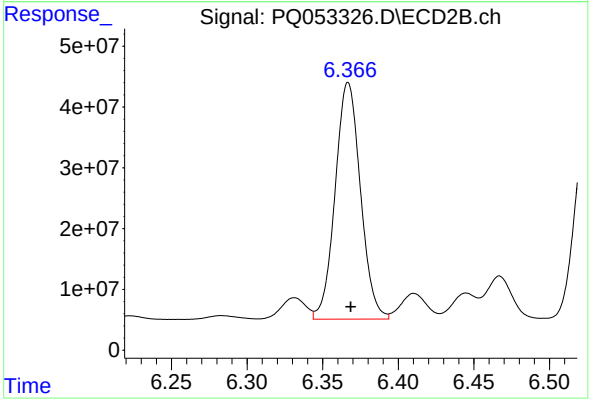
#19 AR-1242-4

R.T.: 5.802 min
Delta R.T.: -0.003 min
Response: 49111525
Conc: 172.65 ng/ml



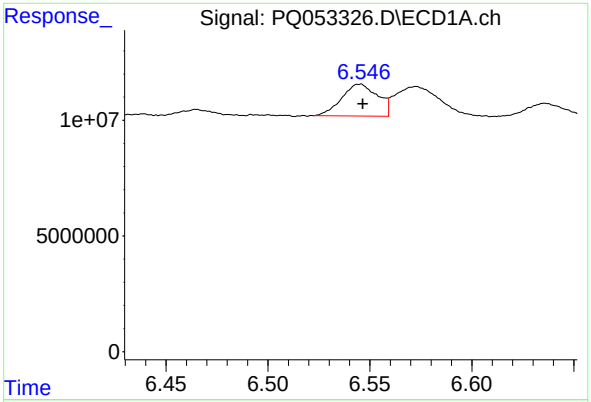
#20 AR-1242-5

R.T.: 7.528 min
Delta R.T.: 0.000 min
Response: 197135128
Conc: 270.23 ng/ml



#20 AR-1242-5

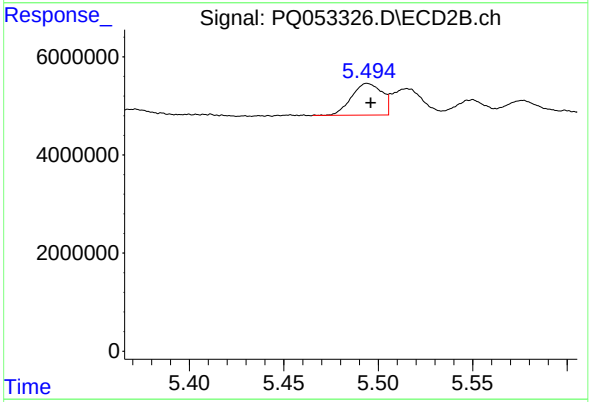
R.T.: 6.367 min
Delta R.T.: -0.002 min
Response: 454000145
Conc: 1145.97 ng/ml



#21 AR-1248-1

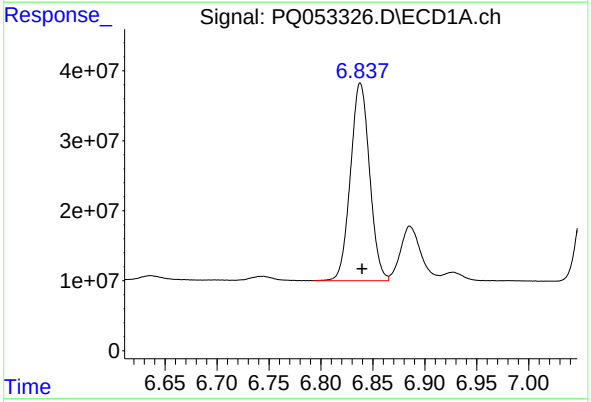
R.T.: 6.546 min
Delta R.T.: 0.000 min
Response: 16926874
Conc: 27.36 ng/ml

Instrument :
ECD_Q
ClientSampleId :



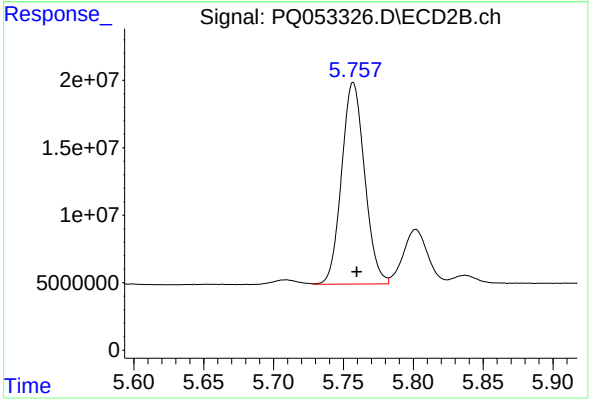
#21 AR-1248-1

R.T.: 5.495 min
Delta R.T.: -0.001 min
Response: 7234910
Conc: 26.56 ng/ml



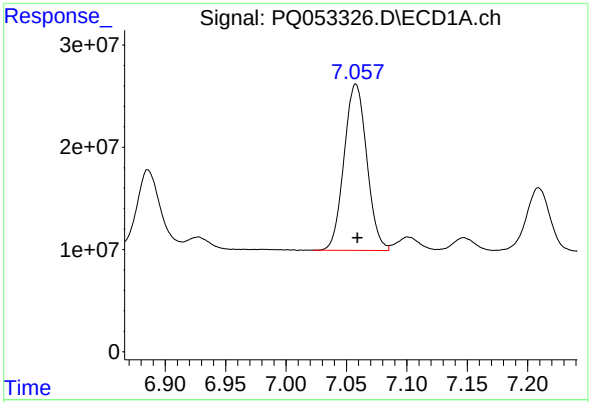
#22 AR-1248-2

R.T.: 6.838 min
Delta R.T.: -0.002 min
Response: 362290165
Conc: 415.38 ng/ml



#22 AR-1248-2

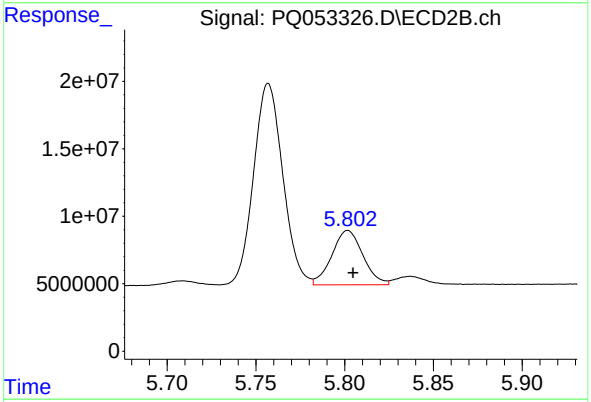
R.T.: 5.757 min
Delta R.T.: -0.002 min
Response: 171527059
Conc: 461.31 ng/ml



#23 AR-1248-3

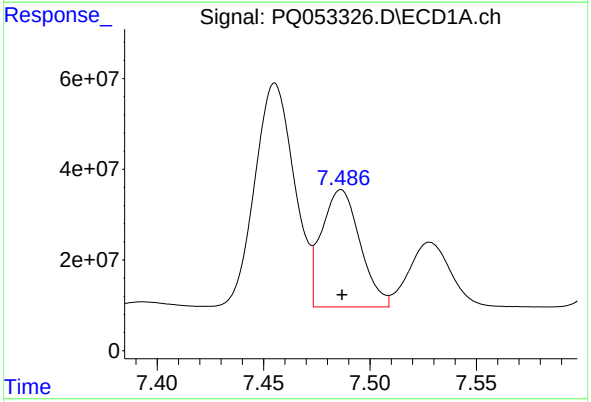
R.T.: 7.058 min
Delta R.T.: -0.001 min
Response: 213070227
Conc: 217.37 ng/ml

Instrument :
ECD_Q
ClientSampleId :



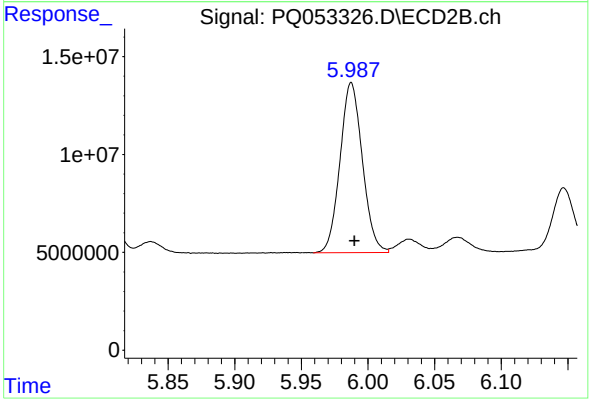
#23 AR-1248-3

R.T.: 5.802 min
Delta R.T.: -0.003 min
Response: 49111525
Conc: 128.63 ng/ml



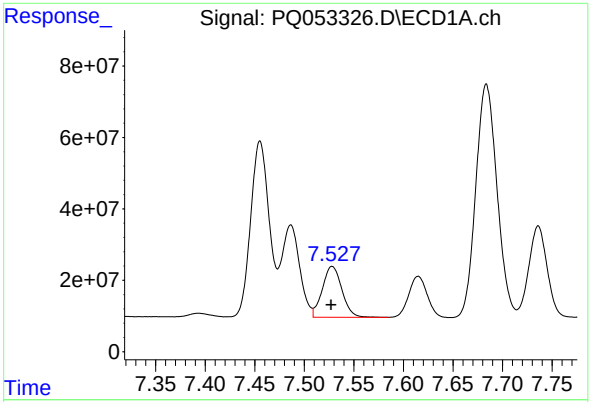
#24 AR-1248-4

R.T.: 7.486 min
Delta R.T.: 0.000 min
Response: 325276548
Conc: 284.65 ng/ml



#24 AR-1248-4

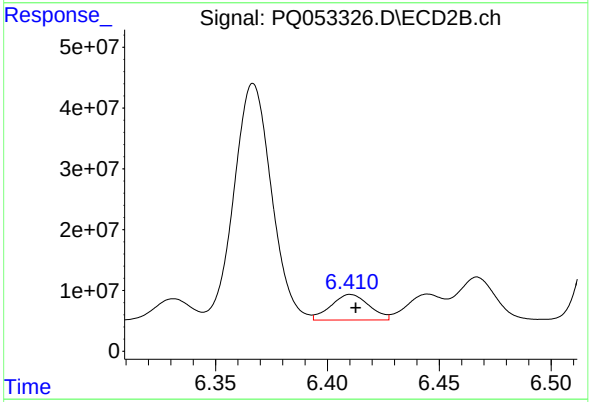
R.T.: 5.988 min
Delta R.T.: -0.002 min
Response: 101446421
Conc: 217.00 ng/ml



#25 AR-1248-5

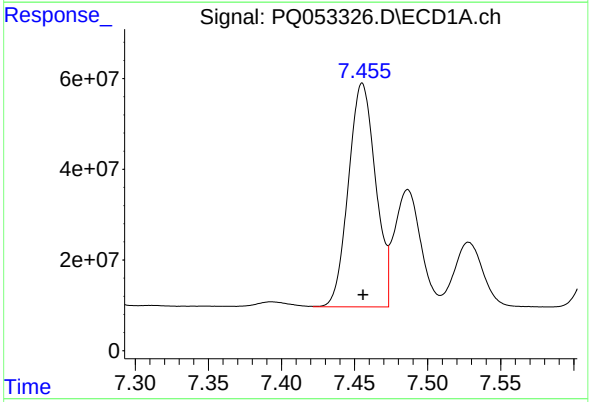
R.T.: 7.528 min
Delta R.T.: 0.001 min
Response: 197135128
Conc: 172.98 ng/ml

Instrument :
ECD_Q
ClientSampleId :



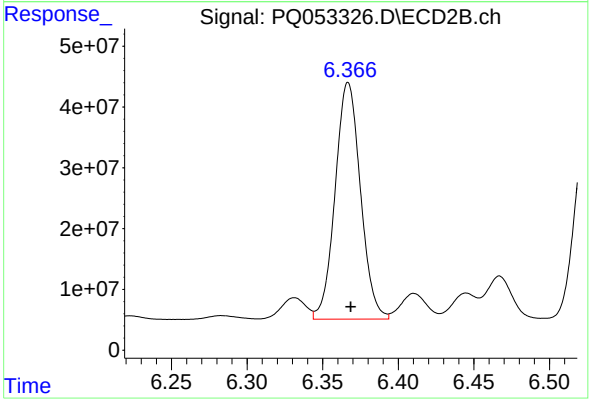
#25 AR-1248-5

R.T.: 6.410 min
Delta R.T.: -0.002 min
Response: 50105418
Conc: 101.83 ng/ml



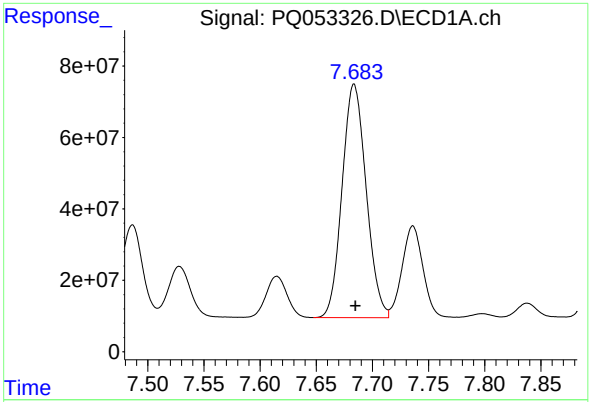
#26 AR-1254-1

R.T.: 7.455 min
Delta R.T.: 0.000 min
Response: 637912855
Conc: 405.78 ng/ml



#26 AR-1254-1

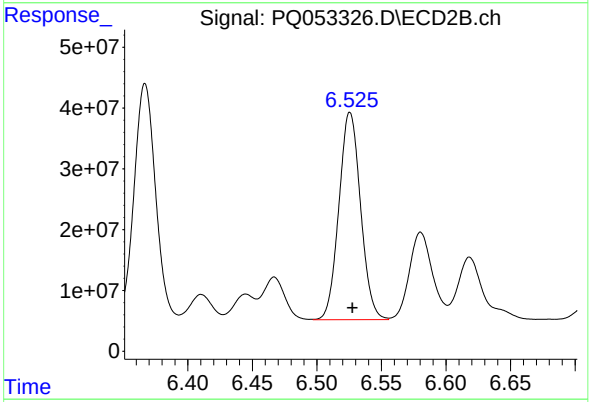
R.T.: 6.367 min
Delta R.T.: -0.002 min
Response: 454000145
Conc: 423.42 ng/ml



#27 AR-1254-2

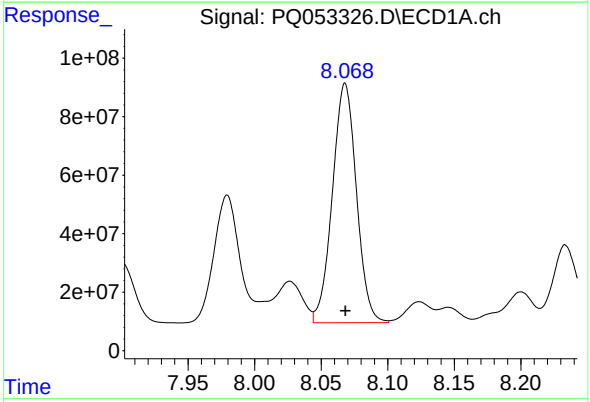
R.T.: 7.684 min
Delta R.T.: -0.001 min
Response: 975628375
Conc: 398.50 ng/ml

Instrument :
ECD_Q
ClientSampleId :



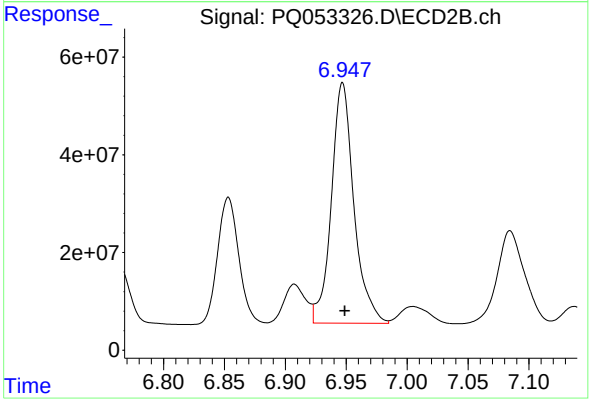
#27 AR-1254-2

R.T.: 6.526 min
Delta R.T.: -0.002 min
Response: 398816371
Conc: 418.12 ng/ml



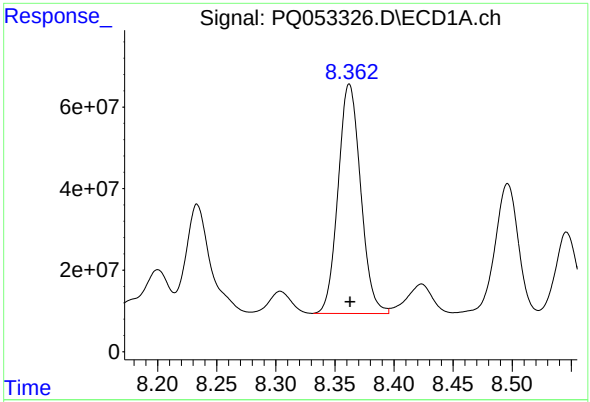
#28 AR-1254-3

R.T.: 8.068 min
Delta R.T.: 0.000 min
Response: 1028892964
Conc: 390.98 ng/ml



#28 AR-1254-3

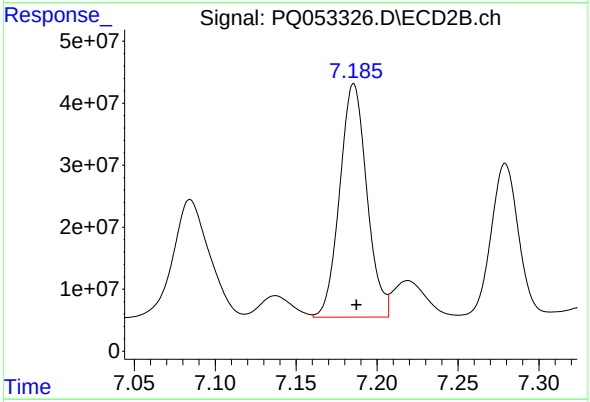
R.T.: 6.947 min
Delta R.T.: -0.002 min
Response: 635187479
Conc: 410.11 ng/ml



#29 AR-1254-4

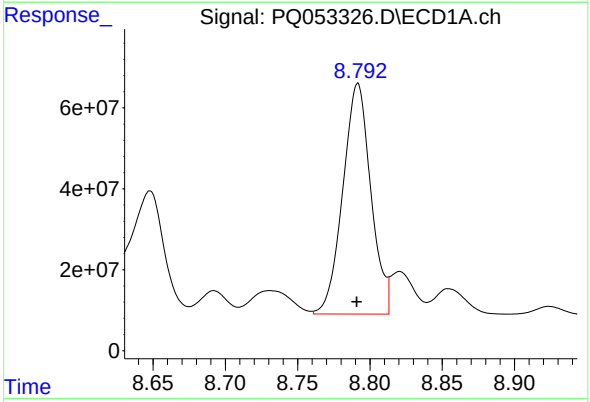
R.T.: 8.362 min
Delta R.T.: 0.000 min
Response: 748345990
Conc: 388.84 ng/ml

Instrument :
ECD_Q
ClientSampleId :



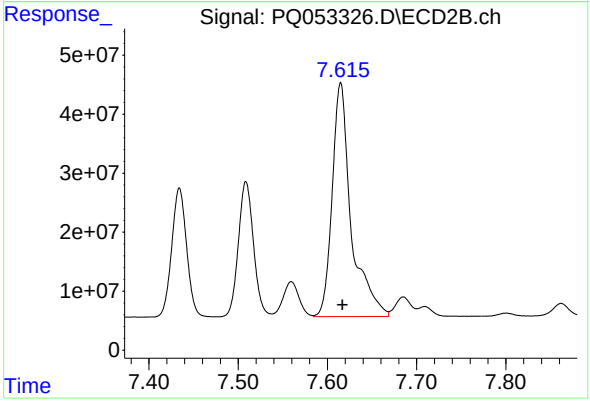
#29 AR-1254-4

R.T.: 7.186 min
Delta R.T.: -0.002 min
Response: 439661058
Conc: 419.89 ng/ml



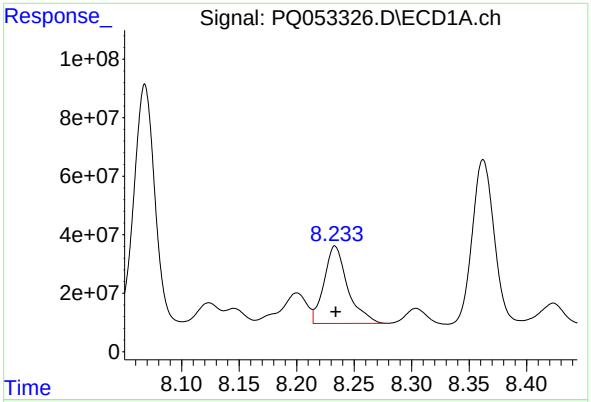
#30 AR-1254-5

R.T.: 8.792 min
Delta R.T.: 0.000 min
Response: 768278644
Conc: 375.57 ng/ml



#30 AR-1254-5

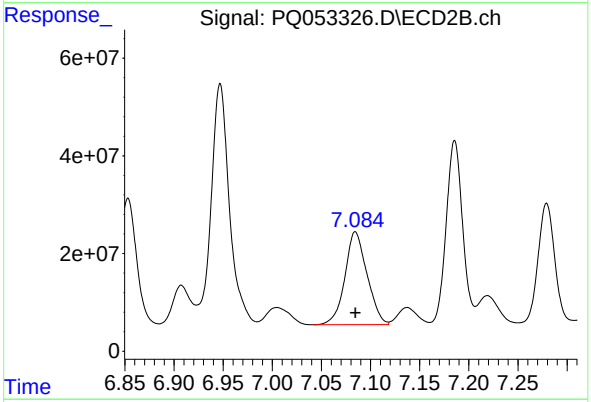
R.T.: 7.615 min
Delta R.T.: -0.002 min
Response: 586472555
Conc: 401.91 ng/ml



#31 AR-1260-1

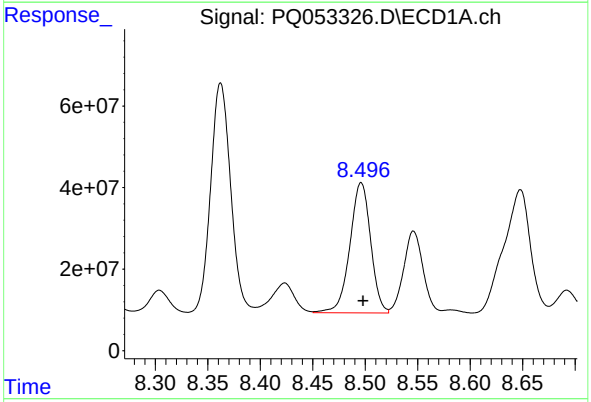
R.T.: 8.233 min
Delta R.T.: 0.000 min
Response: 378337091
Conc: 328.62 ng/ml

Instrument :
ECD_Q
ClientSampleId :



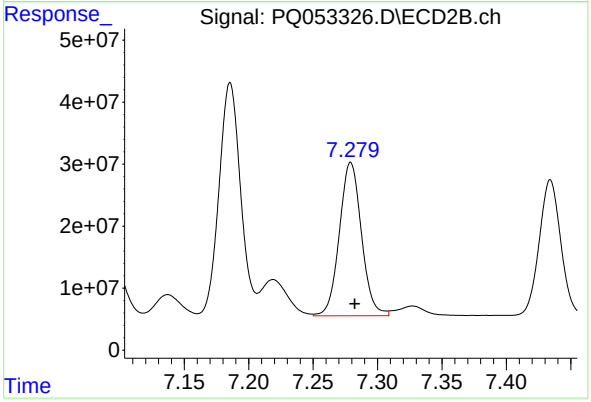
#31 AR-1260-1

R.T.: 7.085 min
Delta R.T.: 0.000 min
Response: 297608339
Conc: 459.25 ng/ml



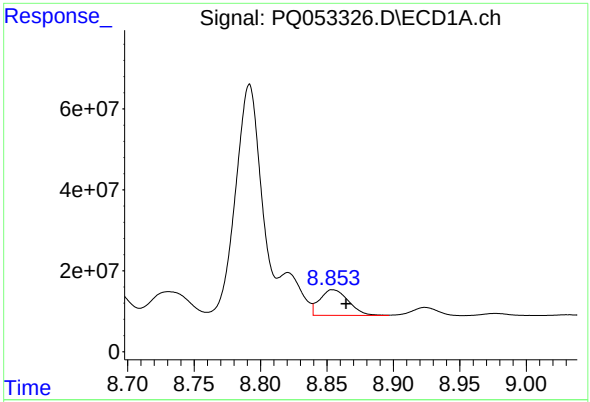
#32 AR-1260-2

R.T.: 8.496 min
Delta R.T.: -0.002 min
Response: 439766578
Conc: 315.63 ng/ml



#32 AR-1260-2

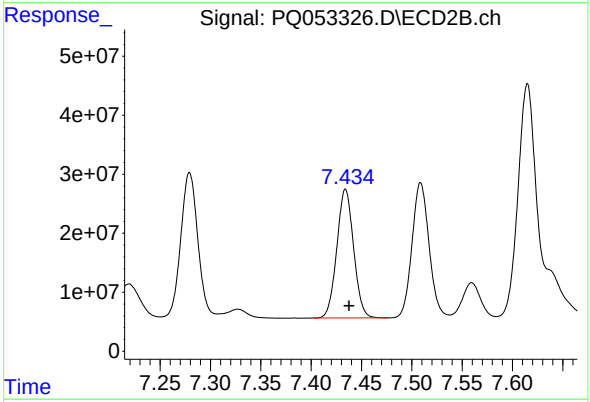
R.T.: 7.279 min
Delta R.T.: -0.003 min
Response: 295611557
Conc: 318.91 ng/ml



#33 AR-1260-3

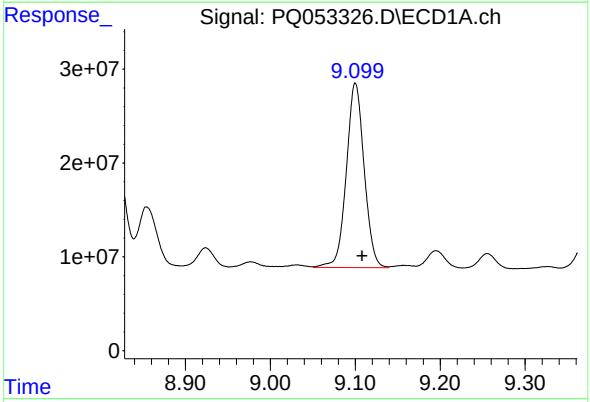
R.T.: 8.854 min
Delta R.T.: -0.010 min
Response: 95191090
Conc: 88.91 ng/ml

Instrument :
ECD_Q
ClientSampleId :



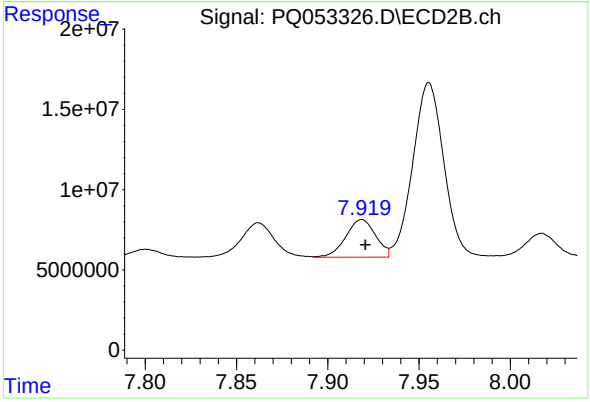
#33 AR-1260-3

R.T.: 7.434 min
Delta R.T.: -0.004 min
Response: 253068010
Conc: 325.24 ng/ml



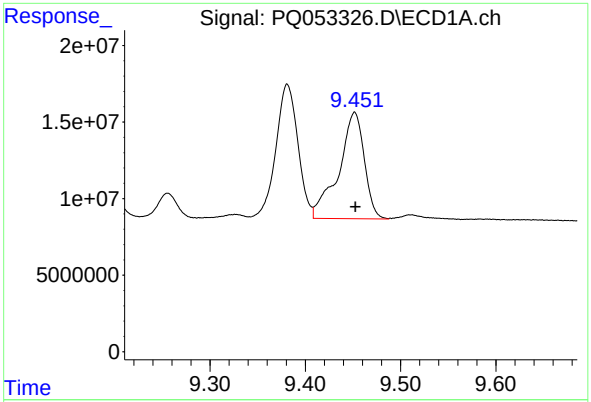
#34 AR-1260-4

R.T.: 9.100 min
Delta R.T.: -0.008 min
Response: 286896667
Conc: 236.93 ng/ml



#34 AR-1260-4

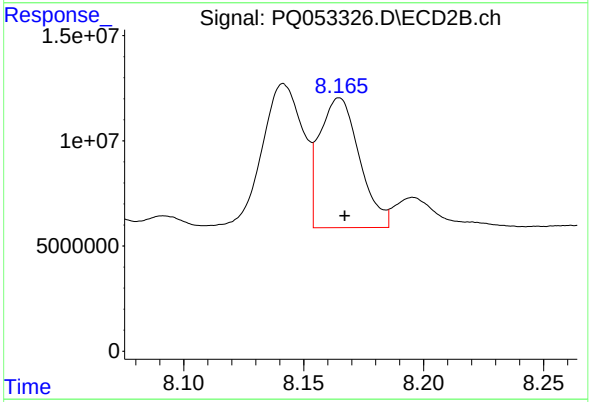
R.T.: 7.919 min
Delta R.T.: -0.002 min
Response: 26691543
Conc: 39.32 ng/ml



#35 AR-1260-5

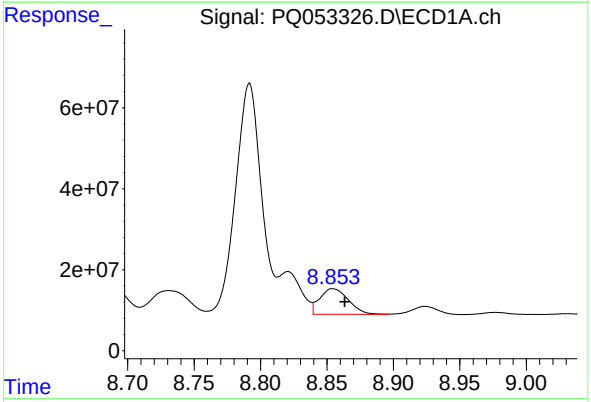
R.T.: 9.452 min
Delta R.T.: 0.000 min
Response: 129858625
Conc: 50.75 ng/ml

Instrument :
ECD_Q
ClientSampleId :



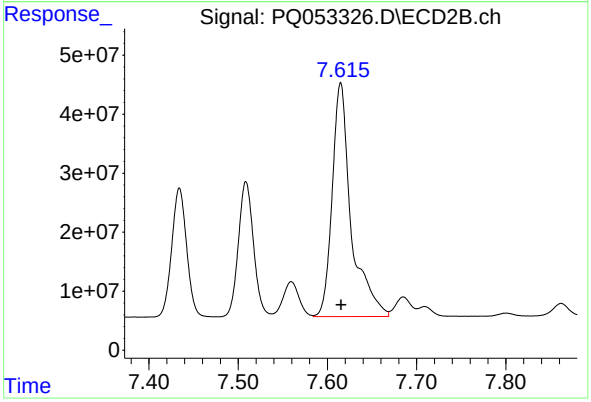
#35 AR-1260-5

R.T.: 8.165 min
Delta R.T.: -0.002 min
Response: 71601033
Conc: 38.70 ng/ml



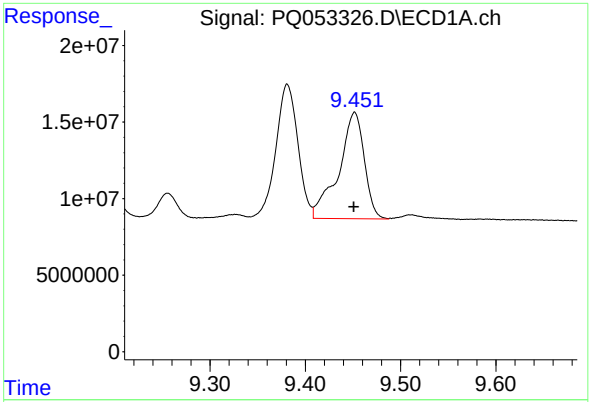
#36 AR-1262-1

R.T.: 8.854 min
Delta R.T.: -0.009 min
Response: 95191090
Conc: 47.59 ng/ml



#36 AR-1262-1

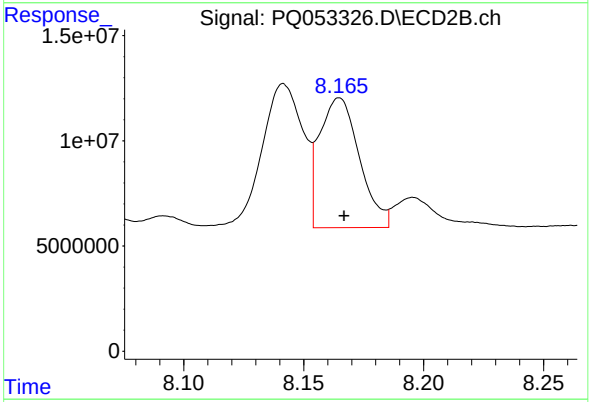
R.T.: 7.615 min
Delta R.T.: 0.000 min
Response: 586472555
Conc: 956.73 ng/ml



#37 AR-1262-2

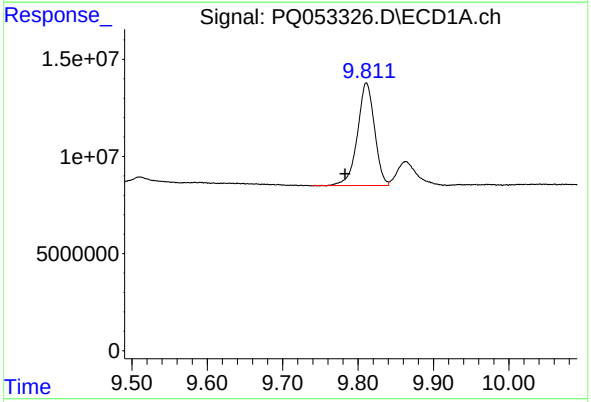
R.T.: 9.452 min
Delta R.T.: 0.000 min
Response: 129858625
Conc: 34.99 ng/ml

Instrument :
ECD_Q
ClientSampleId :



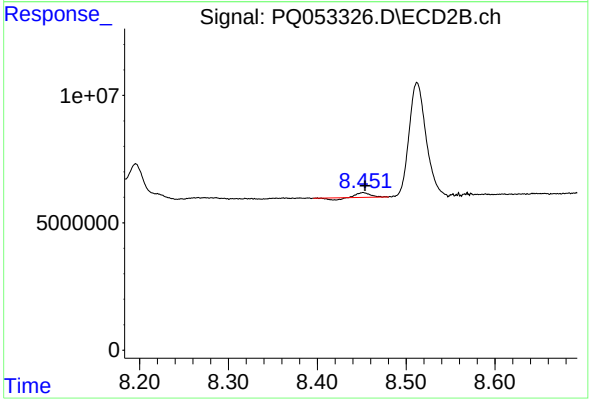
#37 AR-1262-2

R.T.: 8.165 min
Delta R.T.: -0.002 min
Response: 71601033
Conc: 28.18 ng/ml



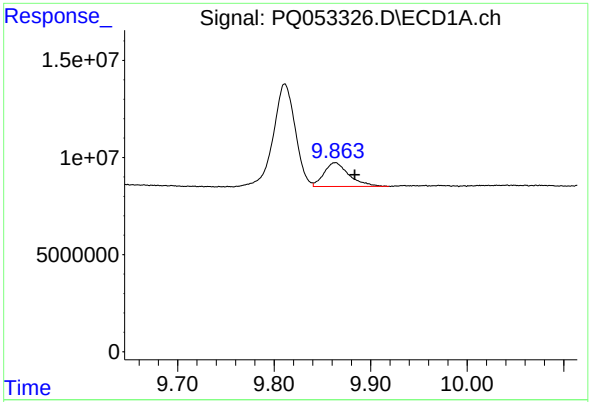
#38 AR-1262-3

R.T.: 9.811 min
Delta R.T.: 0.028 min
Response: 83133295
Conc: 33.13 ng/ml



#38 AR-1262-3

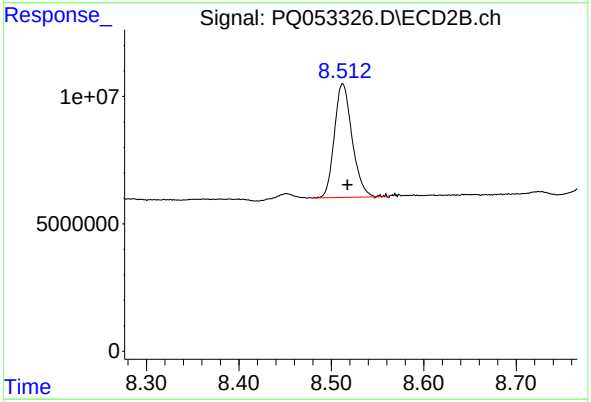
R.T.: 8.452 min
Delta R.T.: -0.002 min
Response: 1324483
Conc: 1.30 ng/ml



#39 AR-1262-4

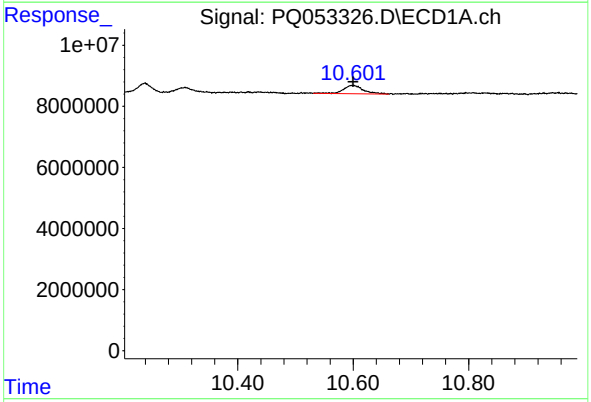
R.T.: 9.863 min
Delta R.T.: -0.020 min
Response: 22179127
Conc: 11.10 ng/ml

Instrument :
ECD_Q
ClientSampleId :



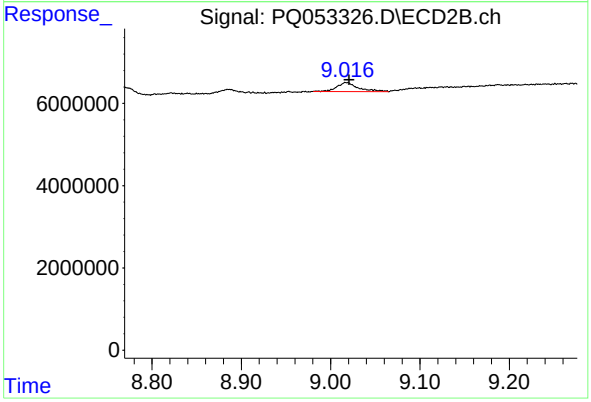
#39 AR-1262-4

R.T.: 8.512 min
Delta R.T.: -0.005 min
Response: 59672133
Conc: 34.64 ng/ml



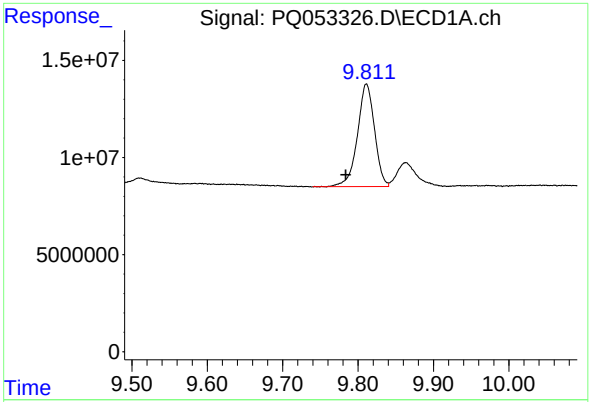
#40 AR-1262-5

R.T.: 10.599 min
Delta R.T.: 0.000 min
Response: 6543206
Conc: 4.62 ng/ml



#40 AR-1262-5

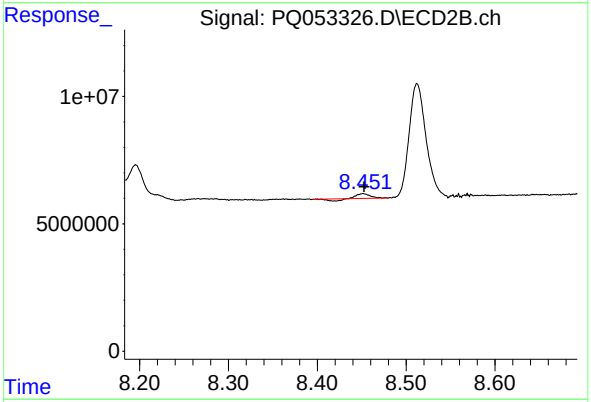
R.T.: 9.018 min
Delta R.T.: -0.003 min
Response: 3647023
Conc: 4.69 ng/ml



#41 AR-1268-1

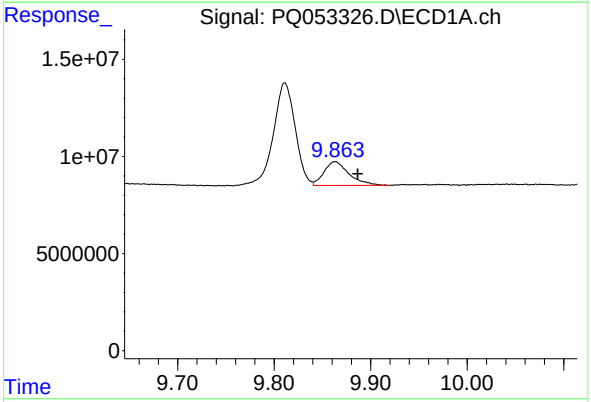
R.T.: 9.811 min
Delta R.T.: 0.027 min
Response: 83133295
Conc: 18.68 ng/ml

Instrument :
ECD_Q
ClientSampleId :



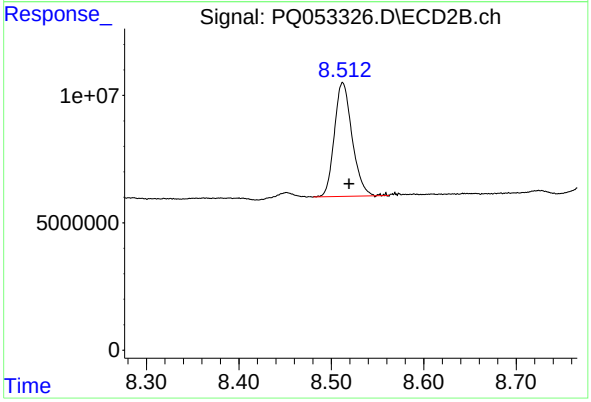
#41 AR-1268-1

R.T.: 8.452 min
Delta R.T.: -0.001 min
Response: 1324483
Conc: 0.45 ng/ml



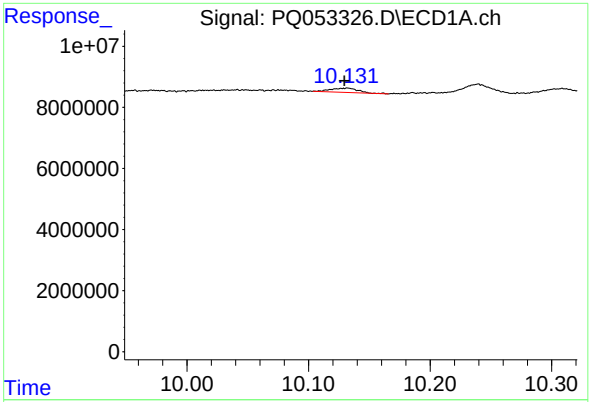
#42 AR-1268-2

R.T.: 9.863 min
Delta R.T.: -0.023 min
Response: 22179127
Conc: 5.17 ng/ml



#42 AR-1268-2

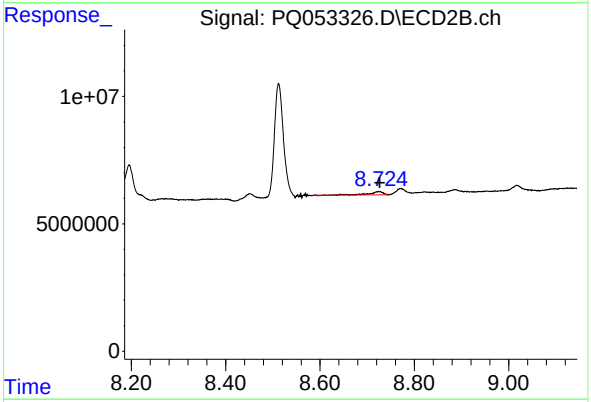
R.T.: 8.512 min
Delta R.T.: -0.007 min
Response: 59672133
Conc: 23.97 ng/ml



#43 AR-1268-3

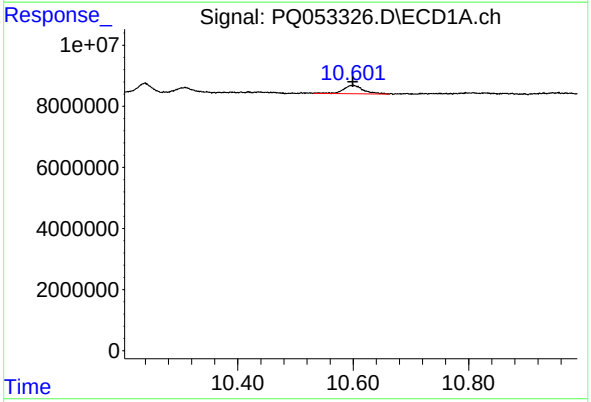
R.T.: 10.132 min
Delta R.T.: 0.003 min
Response: 2126026
Conc: 0.56 ng/ml

Instrument :
ECD_Q
ClientSampleId :



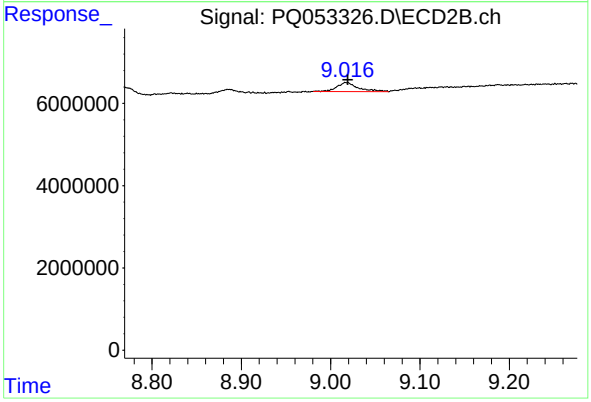
#43 AR-1268-3

R.T.: 8.725 min
Delta R.T.: -0.002 min
Response: 2554894
Conc: 1.18 ng/ml



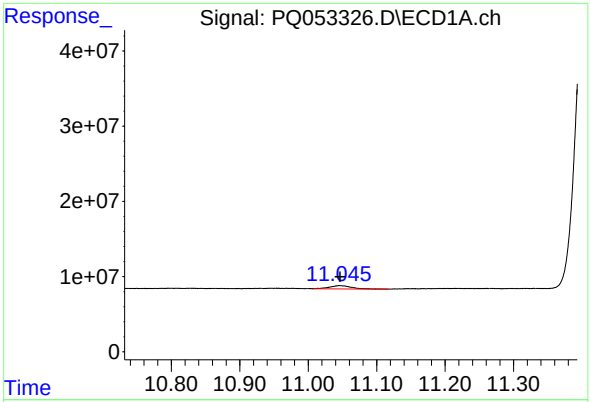
#44 AR-1268-4

R.T.: 10.599 min
Delta R.T.: 0.000 min
Response: 6543206
Conc: 4.25 ng/ml



#44 AR-1268-4

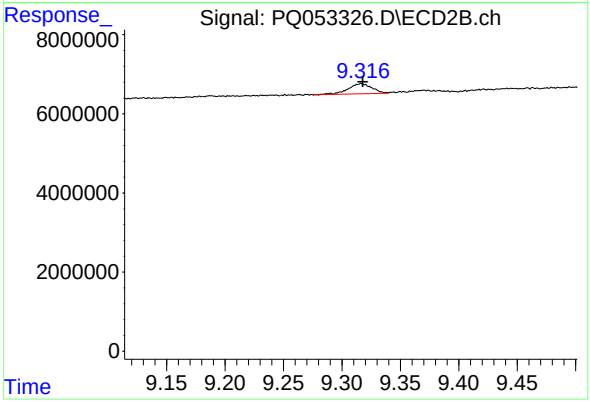
R.T.: 9.018 min
Delta R.T.: -0.001 min
Response: 3647023
Conc: 4.28 ng/ml



#45 AR-1268-5

R.T.: 11.046 min
Delta R.T.: 0.000 min
Response: 9459362
Conc: 0.73 ng/ml

Instrument :
ECD_Q
ClientSampleId :



#45 AR-1268-5

R.T.: 9.316 min
Delta R.T.: -0.001 min
Response: 3619327
Conc: 0.58 ng/ml