

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ051521\
 Data File : PQ053534.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 14 May 2021 15:27
 Operator : DD\AJ
 Sample : M2262-09
 Misc : AR1254 MDL 25 PPB
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 14 17:45:54 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ051321.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri May 14 03:47:40 2021
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ 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	593.8E6	261.9E6	20.569	20.328
2)	SA Decachlor...	11.408	9.573	620.8E6	299.1E6	20.784	21.068
Target Compounds							
3)	L1 AR-1016-1	6.544	0.000	33162	0	0.033	N.D. #
4)	L1 AR-1016-2	6.566	0.000	638727	0	0.415	N.D. #
5)	L1 AR-1016-3	6.640	0.000	1340439	0	1.464	N.D. #
6)	L1 AR-1016-4	6.751	0.000	2857361	0	3.877	N.D. #
7)	L1 AR-1016-5	7.060	0.000	4435481	0	6.149	N.D. #
8)	L2 AR-1221-1	5.467	0.000	1202003	0	4.120	N.D. #
9)	L2 AR-1221-2	5.576	4.592	22020999	6432804	103.679	64.135 #
10)	L2 AR-1221-3	5.658	4.681	28751570	2194246	41.196	6.729 #
11)	L3 AR-1232-1	5.658	4.681	28751570	2194246	55.796	9.251 #
12)	L3 AR-1232-2	6.241	0.000	20729241	0	74.442	N.D. #
13)	L3 AR-1232-3	6.566	0.000	638727	0	1.088	N.D. #
14)	L3 AR-1232-4	6.751	0.000	2857361	0	10.468	N.D. #
15)	L3 AR-1232-5	6.837	0.000	4527788	0	22.767	N.D. #
16)	L4 AR-1242-1	6.544	0.000	33162	0	0.047	N.D. #
17)	L4 AR-1242-2	6.566	0.000	638727	0	0.590	N.D. #
18)	L4 AR-1242-3	6.640	0.000	1340439	0	2.064	N.D. #
19)	L4 AR-1242-4	6.751	0.000	2857361	0	5.458	N.D. #
20)	L4 AR-1242-5	7.522	6.367	8310859	2621213	14.238	8.217 #
21)	L5 AR-1248-1	6.544	0.000	33162	0	0.064	N.D. #
22)	L5 AR-1248-2	6.837	0.000	4527788	0	5.972	N.D. #
23)	L5 AR-1248-3	7.060	0.000	4435481	0	5.165	N.D. #
25)	L5 AR-1248-5	7.522	6.396	8310859	2692074	8.501	6.348 #
26)	L6 AR-1254-1	7.456	6.367	35217102	2621213	36.176	3.872 #
27)	L6 AR-1254-2	7.679	6.527	12294016	4860577	8.145	7.807
28)	L6 AR-1254-3	8.095f	6.964f	9803047	10954999	6.273	11.034 #
29)	L6 AR-1254-4	8.359	7.185	4492477	1191826	3.873	1.919 #
30)	L6 AR-1254-5	8.788	7.613	27461773	12546851	21.327	12.975 #
31)	L7 AR-1260-1	8.232	7.083	30316030	16645579	22.259	20.634
32)	L7 AR-1260-2	8.495	7.279	34897305	20434343	20.308	18.000
33)	L7 AR-1260-3	8.862	7.437	47357327	18437740	39.293	19.327 #
34)	L7 AR-1260-4	9.107	7.917	39532774	24302663	31.040	33.446
35)	L7 AR-1260-5	9.450	8.164	83295963	50974692	30.304	26.612
36)	L8 AR-1262-1	8.862	7.613	47357327	12546851	27.350	26.177
37)	L8 AR-1262-2	9.450	8.164	83295963	50974692	27.494	24.890
38)	L8 AR-1262-3	9.782	8.450	57841863	31294188	28.149	37.154 #
39)	L8 AR-1262-4	9.880	8.515	46706604	40880993	27.362	28.807
40)	L8 AR-1262-5	10.597	9.016	36262646	15016974	31.858	24.357
41)	L9 AR-1268-1	9.782	8.450	57841863	31294188	16.452	13.507
42)	L9 AR-1268-2	9.880	8.515	46706604	40880993	13.988	21.020 #

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Instrument :
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Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 14 17:45:54 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ051321.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri May 14 03:47:40 2021
 Response via : Initial Calibration
 Integrator: ChemStation

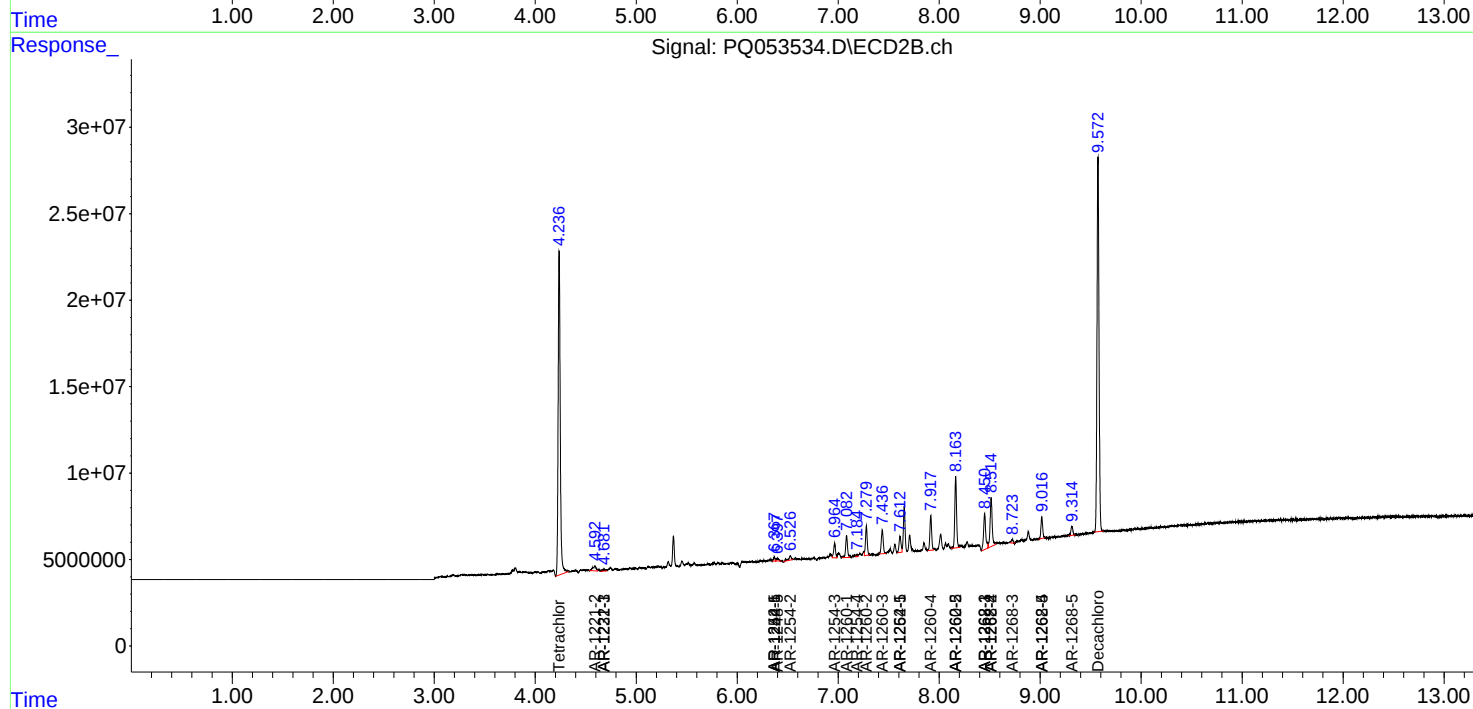
Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

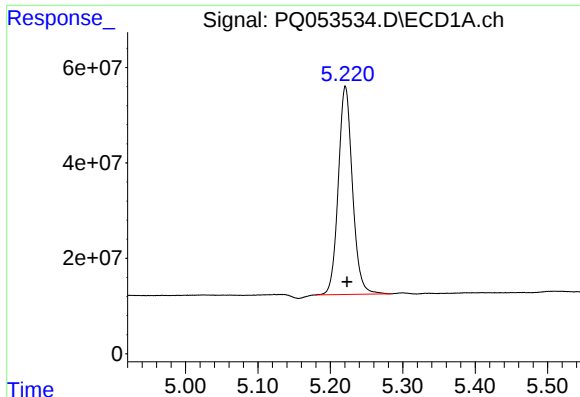
	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
43) L9	AR-1268-3	10.125	8.724	4122868	2505319	1.407	1.469
44) L9	AR-1268-4	10.597	9.016	36262646	15016974	31.462	23.451 #
45) L9	AR-1268-5	11.045	9.315	17116761	7038712	1.831	1.454

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

Instrument :
ECD_Q
ClientSampleId :

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

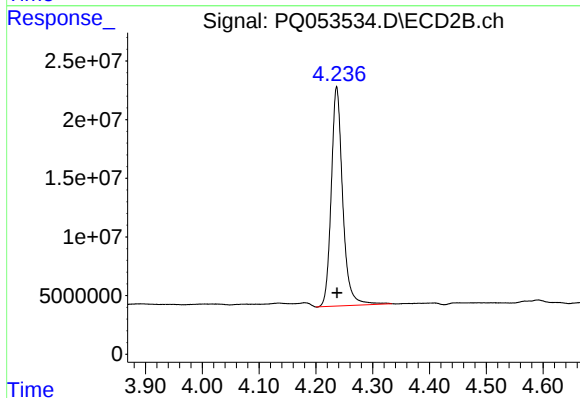




#1 Tetrachloro-m-xylene

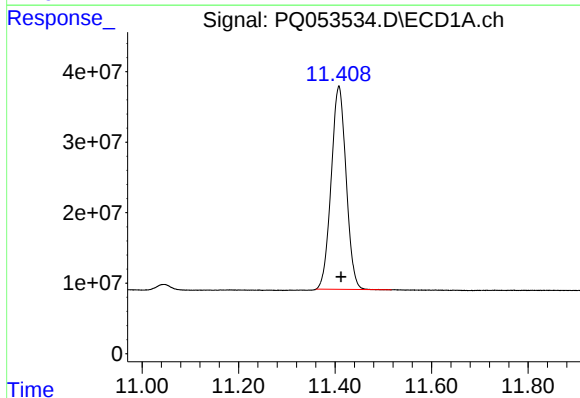
R.T.: 5.221 min
Delta R.T.: -0.002 min
Response: 593836270
Conc: 20.57 ng/ml

Instrument :
ECD_Q
ClientSampleId :



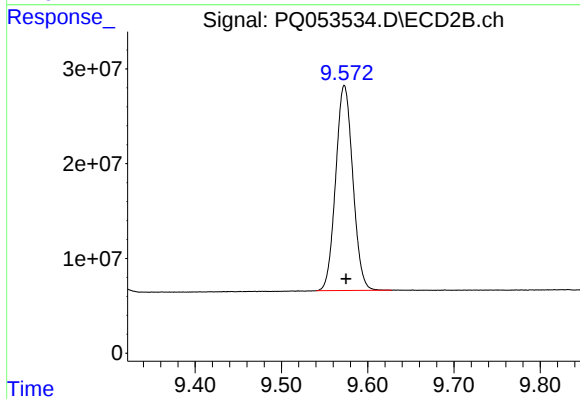
#1 Tetrachloro-m-xylene

R.T.: 4.237 min
Delta R.T.: 0.000 min
Response: 261924710
Conc: 20.33 ng/ml



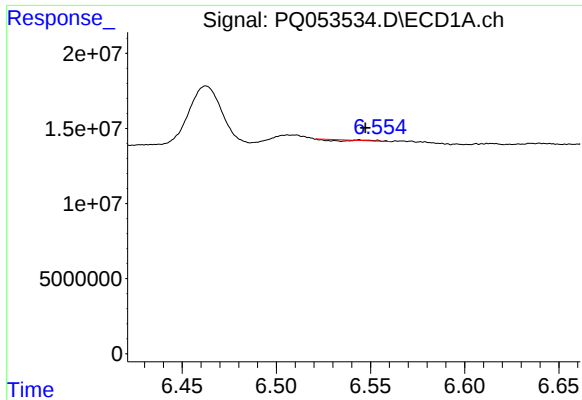
#2 Decachlorobiphenyl

R.T.: 11.408 min
Delta R.T.: -0.004 min
Response: 620763249
Conc: 20.78 ng/ml



#2 Decachlorobiphenyl

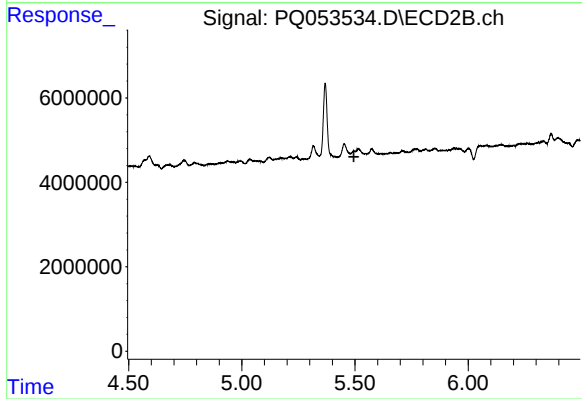
R.T.: 9.573 min
Delta R.T.: -0.002 min
Response: 299121267
Conc: 21.07 ng/ml



#3 AR-1016-1

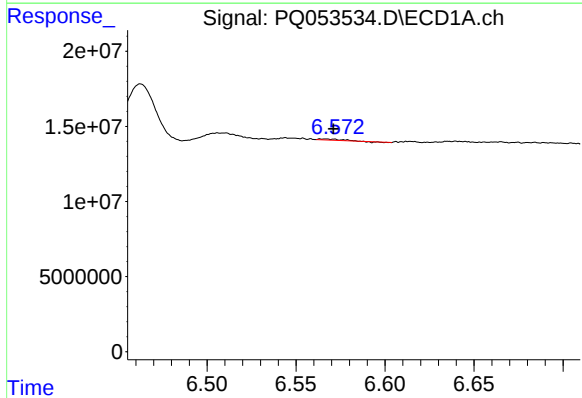
R.T.: 6.544 min
Delta R.T.: -0.003 min
Response: 33162
Conc: 0.03 ng/ml

Instrument :
ECD_Q
ClientSampleId :



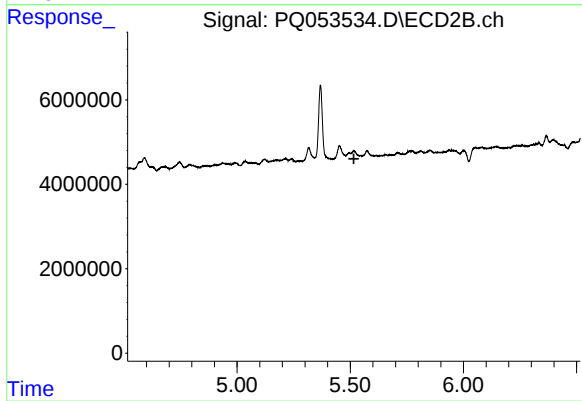
#3 AR-1016-1

R.T.: 0.000 min
Exp R.T. : 5.495 min
Response: 0
Conc: N.D.



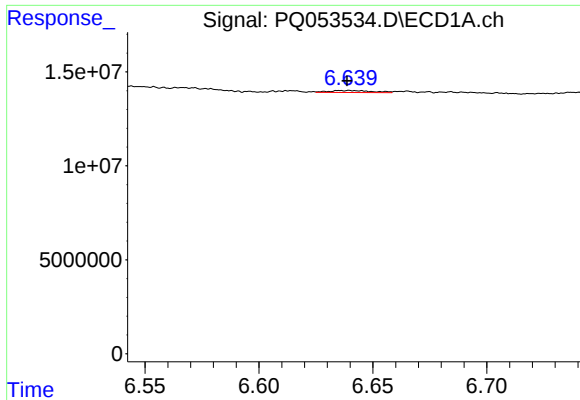
#4 AR-1016-2

R.T.: 6.566 min
Delta R.T.: -0.005 min
Response: 638727
Conc: 0.41 ng/ml



#4 AR-1016-2

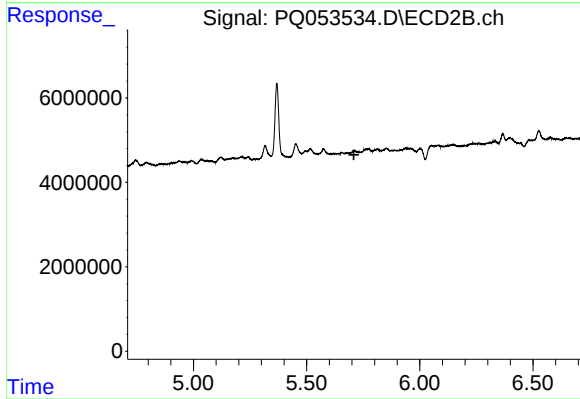
R.T.: 0.000 min
Exp R.T. : 5.516 min
Response: 0
Conc: N.D.



#5 AR-1016-3

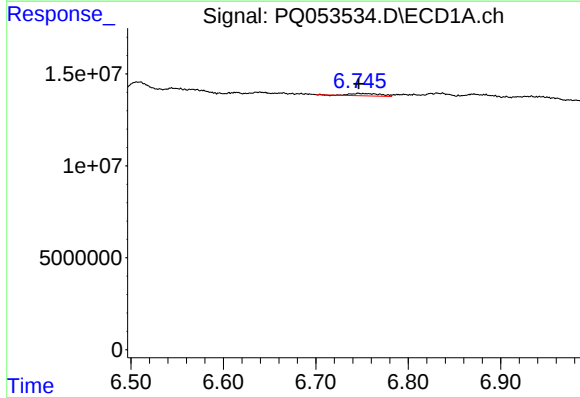
R.T.: 6.640 min
Delta R.T.: 0.001 min
Response: 1340439
Conc: 1.46 ng/ml

Instrument :
ECD_Q
ClientSampleId :



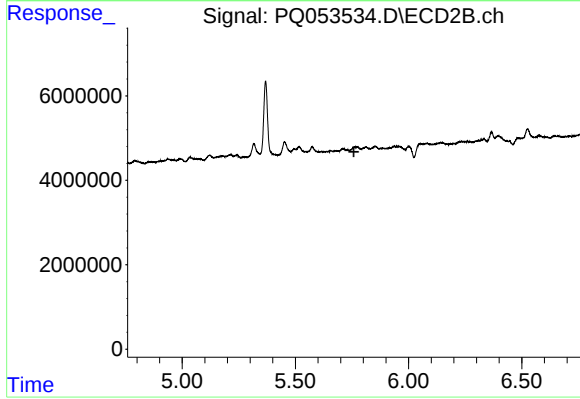
#5 AR-1016-3

R.T.: 0.000 min
Exp R.T. : 5.709 min
Response: 0
Conc: N.D.



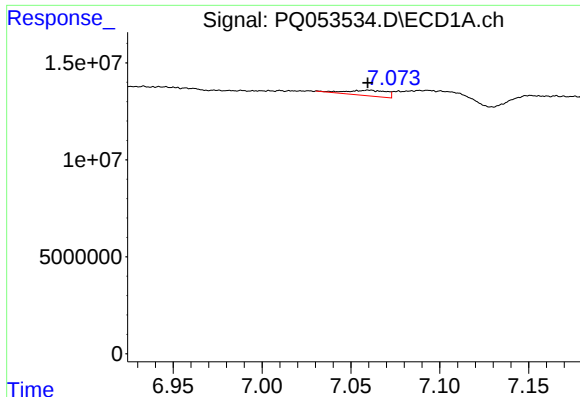
#6 AR-1016-4

R.T.: 6.751 min
Delta R.T.: 0.005 min
Response: 2857361
Conc: 3.88 ng/ml



#6 AR-1016-4

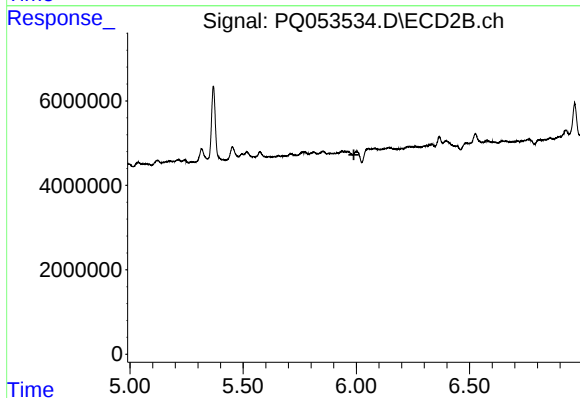
R.T.: 0.000 min
Exp R.T. : 5.758 min
Response: 0
Conc: N.D.



#7 AR-1016-5

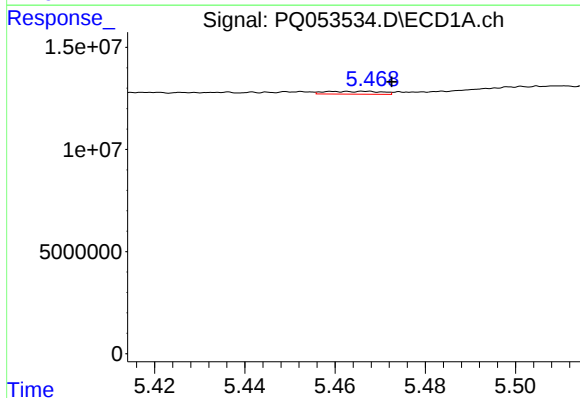
R.T.: 7.060 min
Delta R.T.: 0.000 min
Response: 4435481
Conc: 6.15 ng/ml

Instrument :
ECD_Q
ClientSampleId :



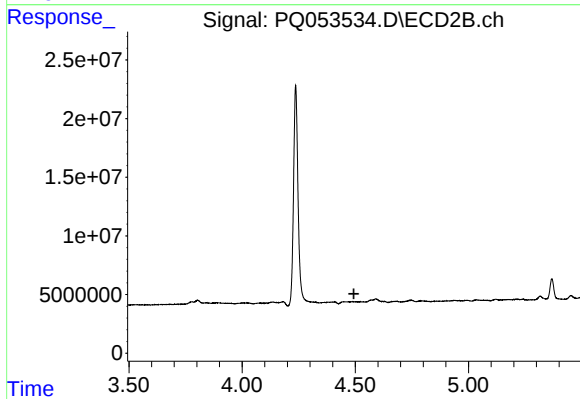
#7 AR-1016-5

R.T.: 0.000 min
Exp R.T. : 5.989 min
Response: 0
Conc: N.D.



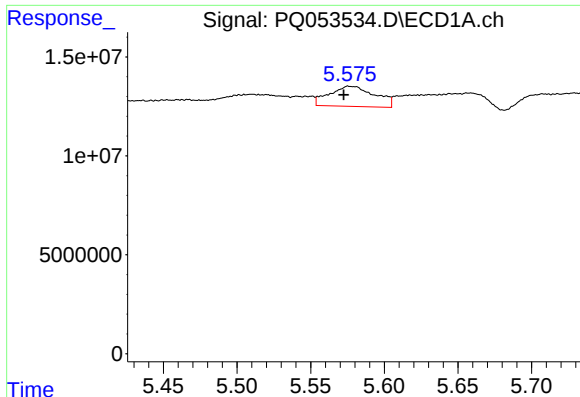
#8 AR-1221-1

R.T.: 5.467 min
Delta R.T.: -0.006 min
Response: 1202003
Conc: 4.12 ng/ml



#8 AR-1221-1

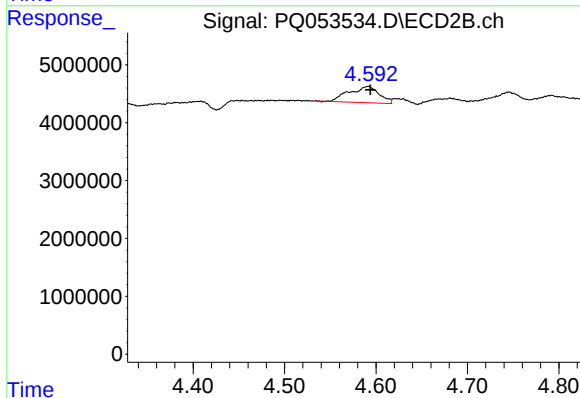
R.T.: 0.000 min
Exp R.T. : 4.494 min
Response: 0
Conc: N.D.



#9 AR-1221-2

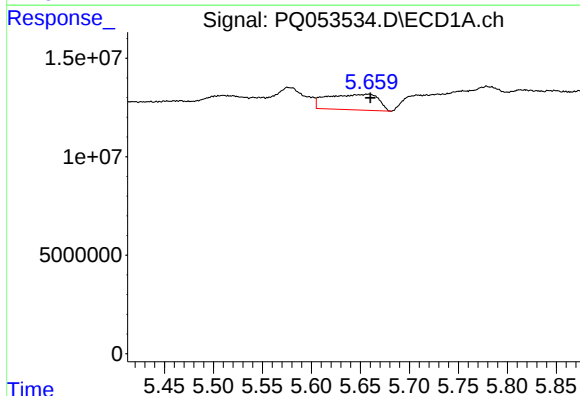
R.T.: 5.576 min
Delta R.T.: 0.004 min
Response: 22020999
Conc: 103.68 ng/ml

Instrument :
ECD_Q
ClientSampleId :



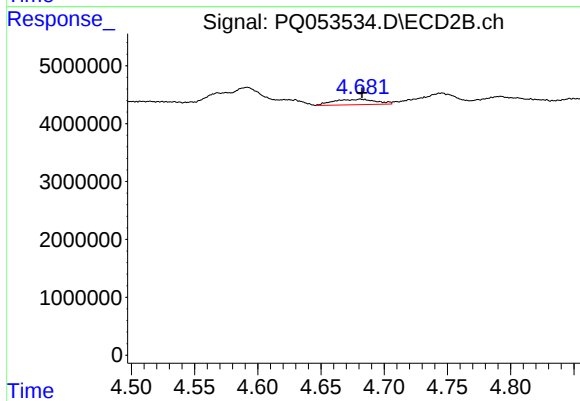
#9 AR-1221-2

R.T.: 4.592 min
Delta R.T.: -0.002 min
Response: 6432804
Conc: 64.13 ng/ml



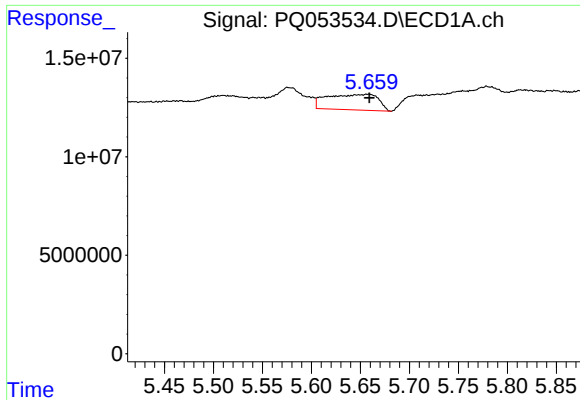
#10 AR-1221-3

R.T.: 5.658 min
Delta R.T.: -0.002 min
Response: 28751570
Conc: 41.20 ng/ml



#10 AR-1221-3

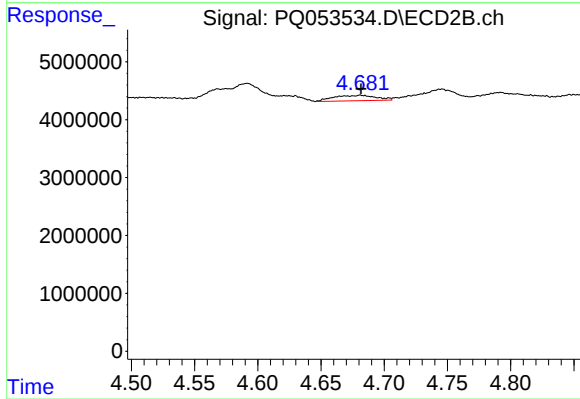
R.T.: 4.681 min
Delta R.T.: -0.002 min
Response: 2194246
Conc: 6.73 ng/ml



#11 AR-1232-1

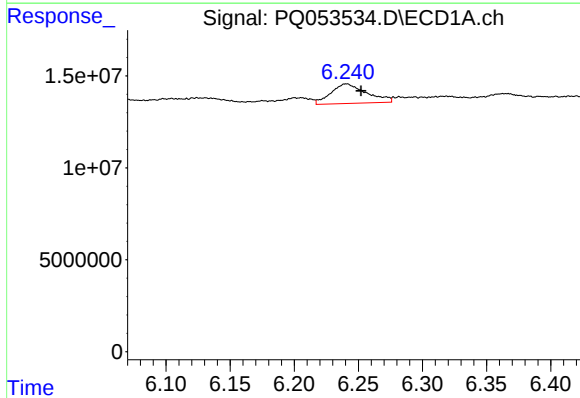
R.T.: 5.658 min
Delta R.T.: -0.001 min
Response: 28751570
Conc: 55.80 ng/ml

Instrument :
ECD_Q
ClientSampleId :



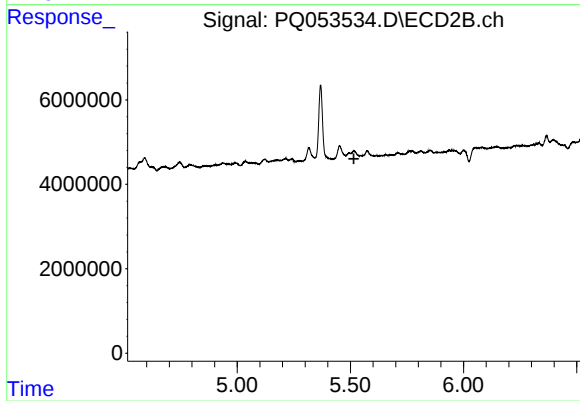
#11 AR-1232-1

R.T.: 4.681 min
Delta R.T.: 0.000 min
Response: 2194246
Conc: 9.25 ng/ml



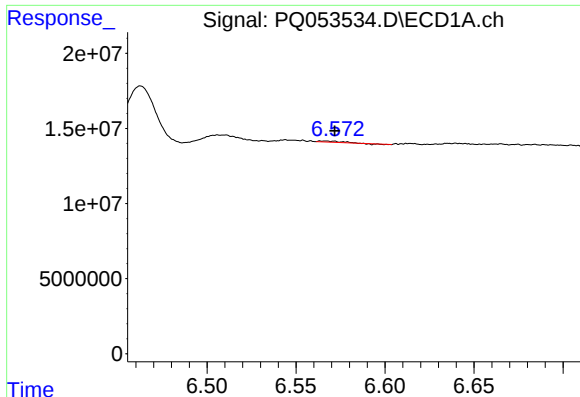
#12 AR-1232-2

R.T.: 6.241 min
Delta R.T.: -0.012 min
Response: 20729241
Conc: 74.44 ng/ml



#12 AR-1232-2

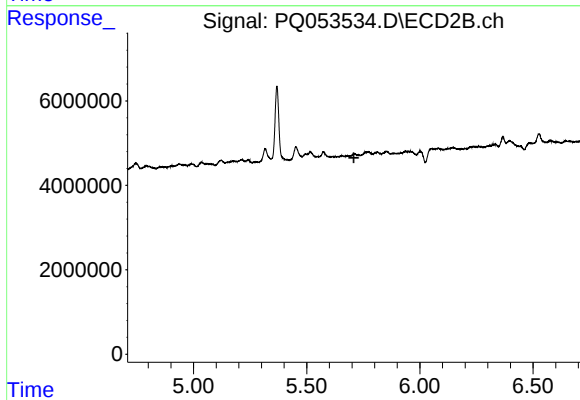
R.T.: 0.000 min
Exp R.T.: 5.515 min
Response: 0
Conc: N.D.



#13 AR-1232-3

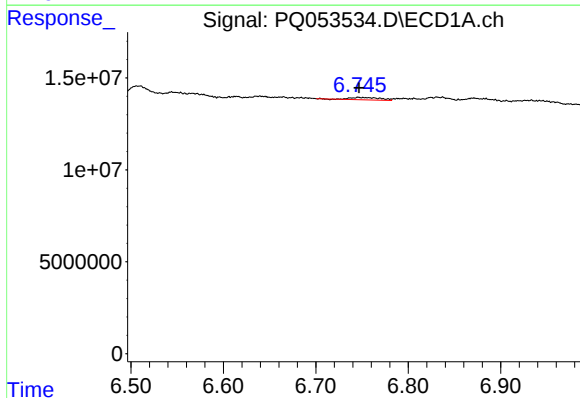
R.T.: 6.566 min
Delta R.T.: -0.006 min
Response: 638727
Conc: 1.09 ng/ml

Instrument :
ECD_Q
ClientSampleId :



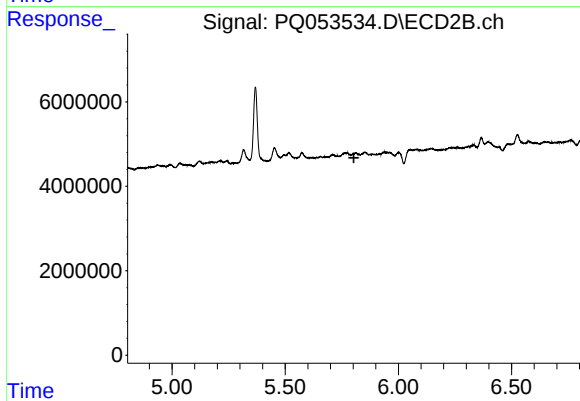
#13 AR-1232-3

R.T.: 0.000 min
Exp R.T. : 5.708 min
Response: 0
Conc: N.D.



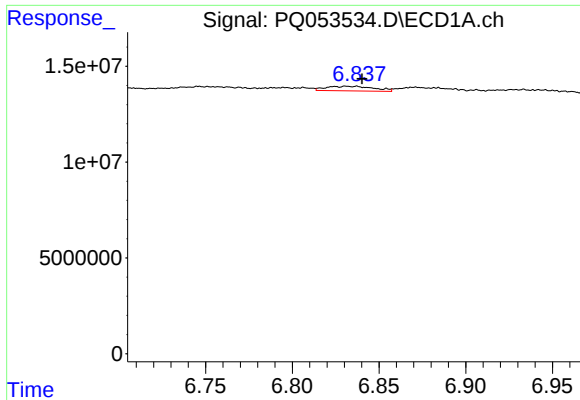
#14 AR-1232-4

R.T.: 6.751 min
Delta R.T.: 0.004 min
Response: 2857361
Conc: 10.47 ng/ml



#14 AR-1232-4

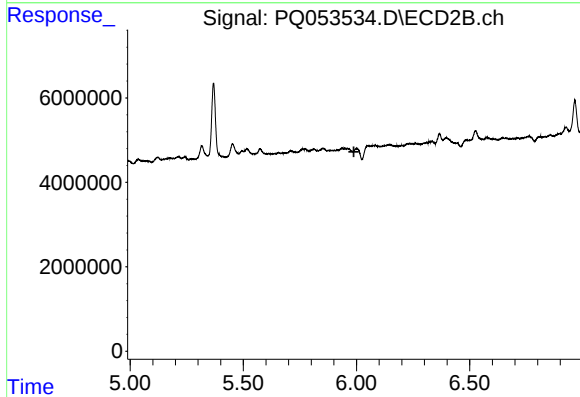
R.T.: 0.000 min
Exp R.T. : 5.803 min
Response: 0
Conc: N.D.



#15 AR-1232-5

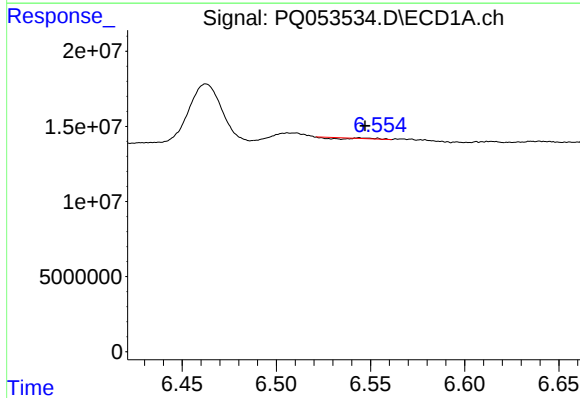
R.T.: 6.837 min
Delta R.T.: -0.003 min
Response: 4527788
Conc: 22.77 ng/ml

Instrument :
ECD_Q
ClientSampleId :



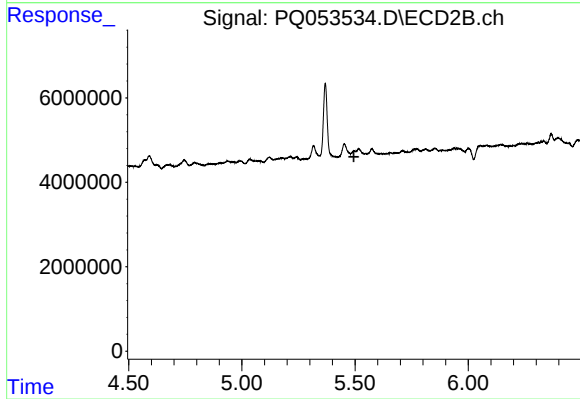
#15 AR-1232-5

R.T.: 0.000 min
Exp R.T. : 5.988 min
Response: 0
Conc: N.D.



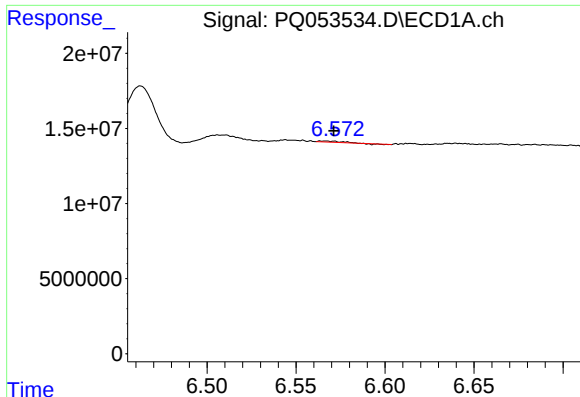
#16 AR-1242-1

R.T.: 6.544 min
Delta R.T.: -0.003 min
Response: 33162
Conc: 0.05 ng/ml



#16 AR-1242-1

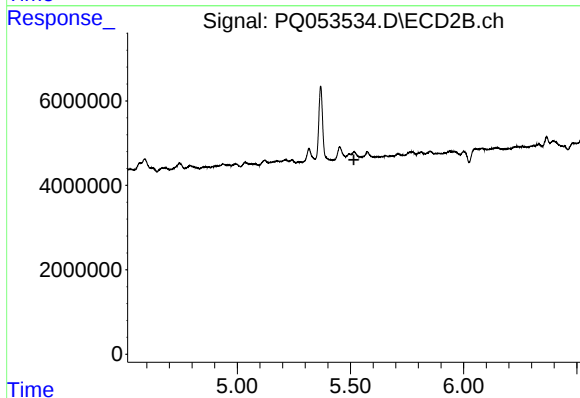
R.T.: 0.000 min
Exp R.T. : 5.495 min
Response: 0
Conc: N.D.



#17 AR-1242-2

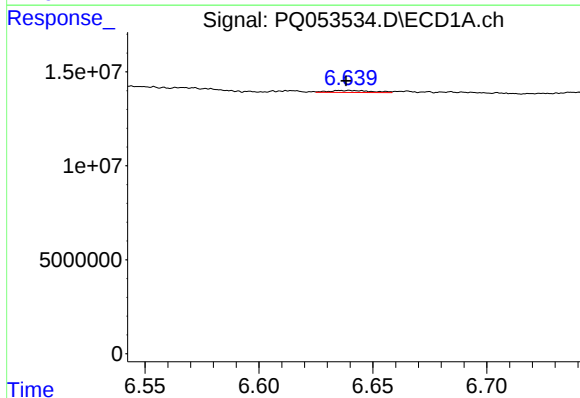
R.T.: 6.566 min
Delta R.T.: -0.005 min
Response: 638727
Conc: 0.59 ng/ml

Instrument :
ECD_Q
ClientSampleId :



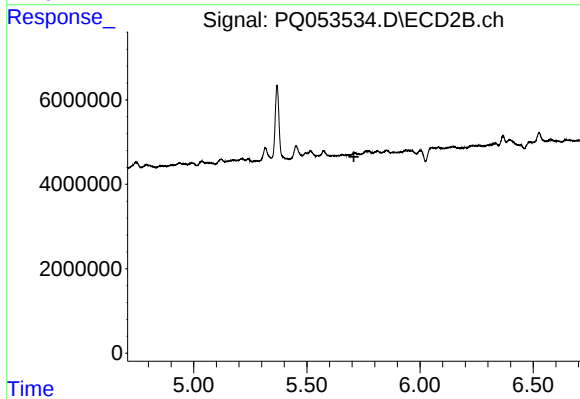
#17 AR-1242-2

R.T.: 0.000 min
Exp R.T. : 5.515 min
Response: 0
Conc: N.D.



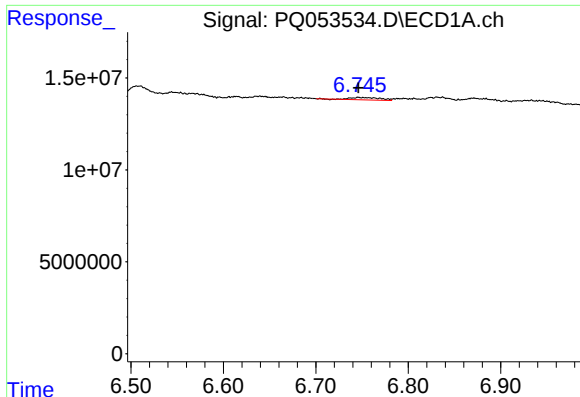
#18 AR-1242-3

R.T.: 6.640 min
Delta R.T.: 0.002 min
Response: 1340439
Conc: 2.06 ng/ml



#18 AR-1242-3

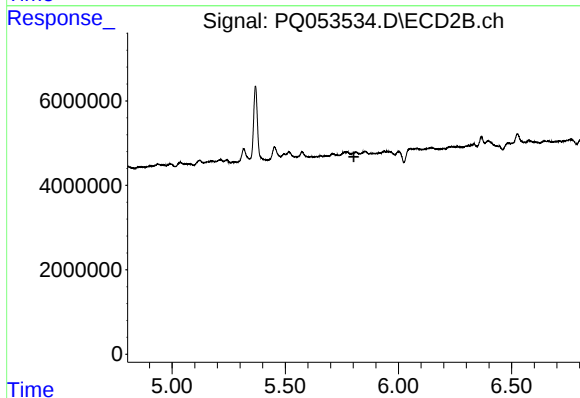
R.T.: 0.000 min
Exp R.T. : 5.708 min
Response: 0
Conc: N.D.



#19 AR-1242-4

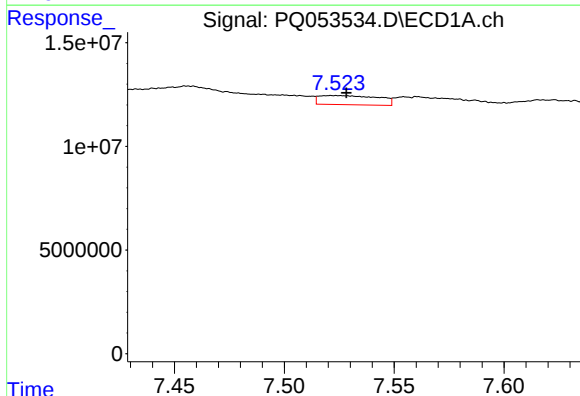
R.T.: 6.751 min
Delta R.T.: 0.005 min
Response: 2857361
Conc: 5.46 ng/ml

Instrument :
ECD_Q
ClientSampleId :



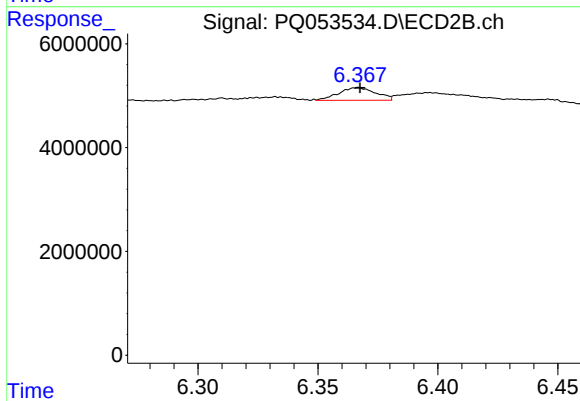
#19 AR-1242-4

R.T.: 0.000 min
Exp R.T. : 5.803 min
Response: 0
Conc: N.D.



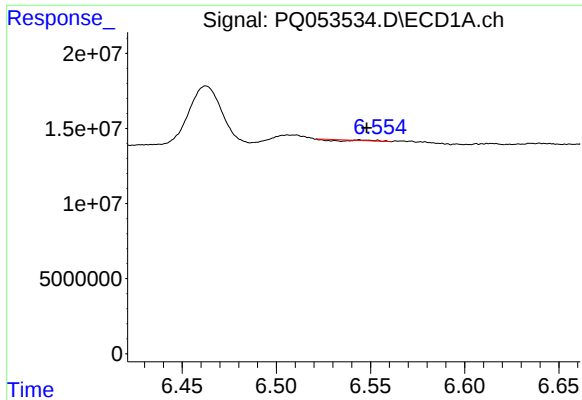
#20 AR-1242-5

R.T.: 7.522 min
Delta R.T.: -0.006 min
Response: 8310859
Conc: 14.24 ng/ml



#20 AR-1242-5

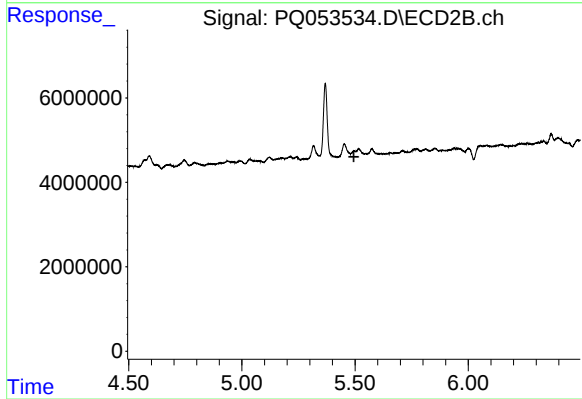
R.T.: 6.367 min
Delta R.T.: 0.000 min
Response: 2621213
Conc: 8.22 ng/ml



#21 AR-1248-1

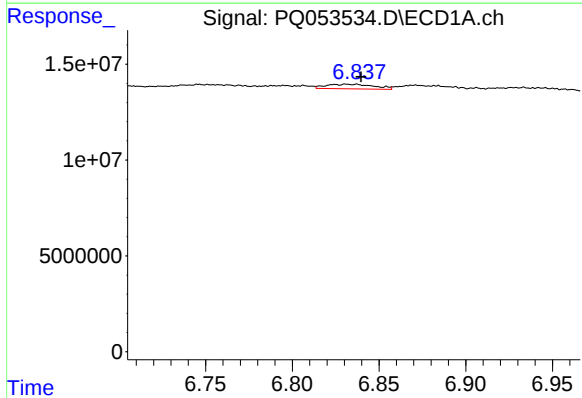
R.T.: 6.544 min
Delta R.T.: -0.004 min
Response: 33162
Conc: 0.06 ng/ml

Instrument :
ECD_Q
ClientSampleId :



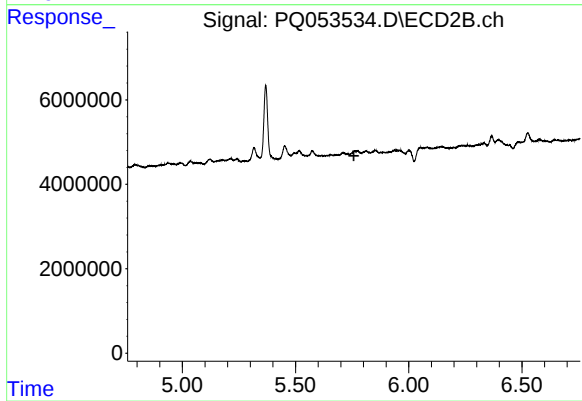
#21 AR-1248-1

R.T.: 0.000 min
Exp R.T. : 5.495 min
Response: 0
Conc: N.D.



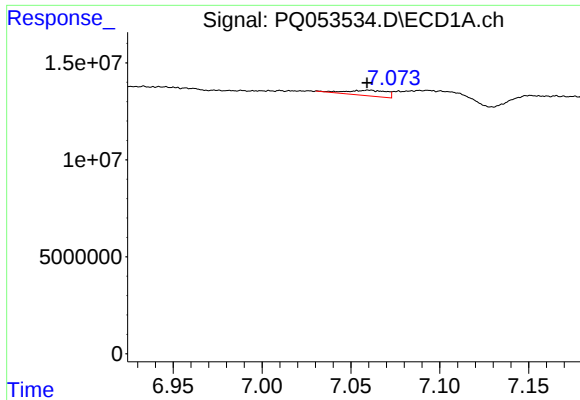
#22 AR-1248-2

R.T.: 6.837 min
Delta R.T.: -0.003 min
Response: 4527788
Conc: 5.97 ng/ml



#22 AR-1248-2

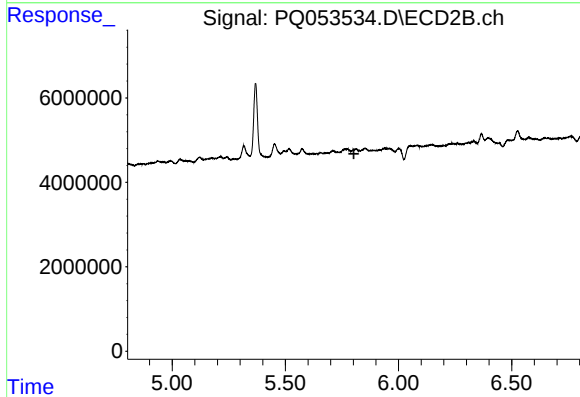
R.T.: 0.000 min
Exp R.T. : 5.758 min
Response: 0
Conc: N.D.



#23 AR-1248-3

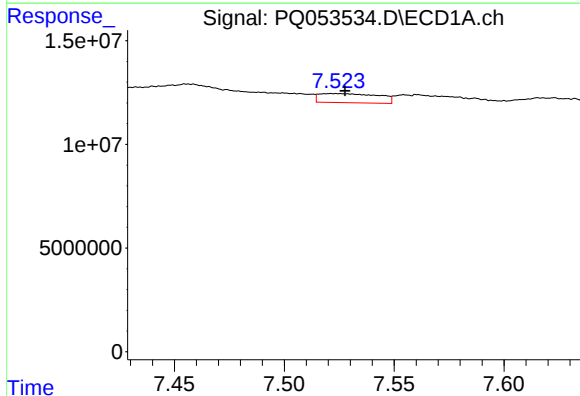
R.T.: 7.060 min
Delta R.T.: 0.001 min
Response: 4435481
Conc: 5.16 ng/ml

Instrument :
ECD_Q
ClientSampleId :



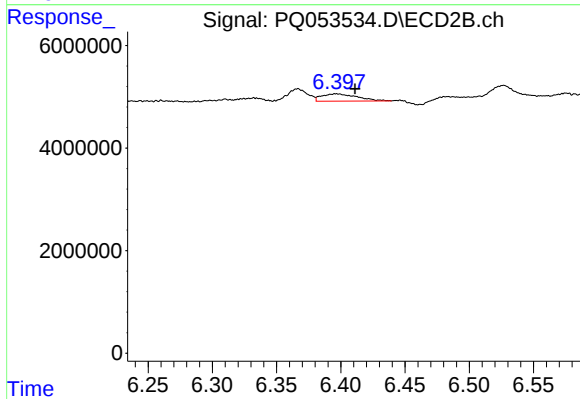
#23 AR-1248-3

R.T.: 0.000 min
Exp R.T. : 5.803 min
Response: 0
Conc: N.D.



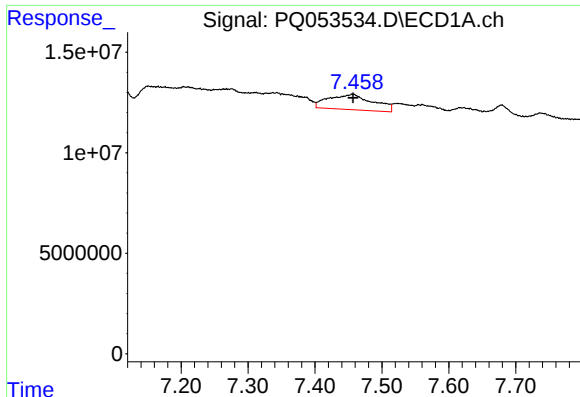
#25 AR-1248-5

R.T.: 7.522 min
Delta R.T.: -0.005 min
Response: 8310859
Conc: 8.50 ng/ml



#25 AR-1248-5

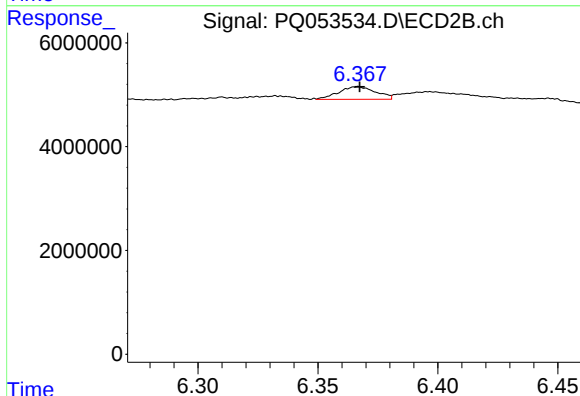
R.T.: 6.396 min
Delta R.T.: -0.015 min
Response: 2692074
Conc: 6.35 ng/ml



#26 AR-1254-1

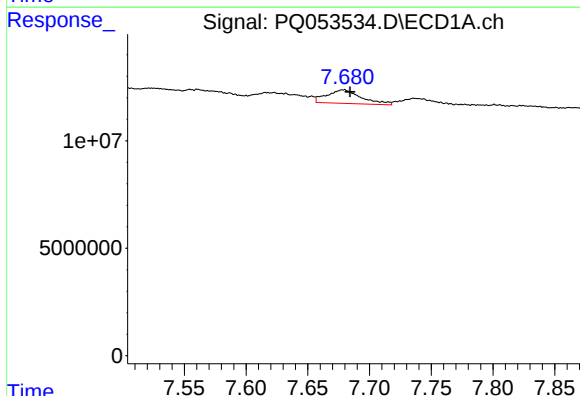
R.T.: 7.456 min
Delta R.T.: 0.000 min
Response: 35217102
Conc: 36.18 ng/ml

Instrument :
ECD_Q
ClientSampleId :



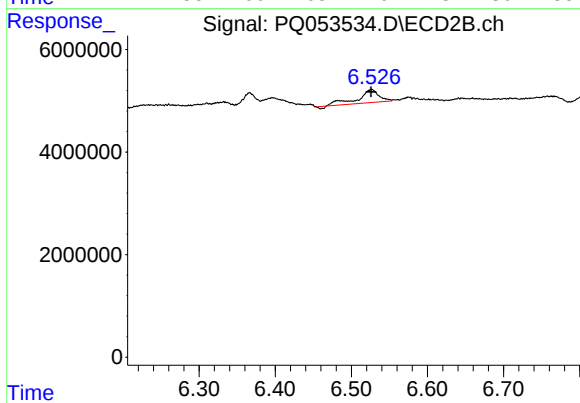
#26 AR-1254-1

R.T.: 6.367 min
Delta R.T.: 0.000 min
Response: 2621213
Conc: 3.87 ng/ml



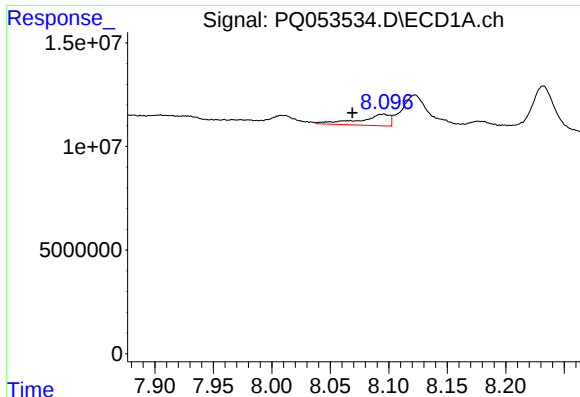
#27 AR-1254-2

R.T.: 7.679 min
Delta R.T.: -0.005 min
Response: 12294016
Conc: 8.14 ng/ml



#27 AR-1254-2

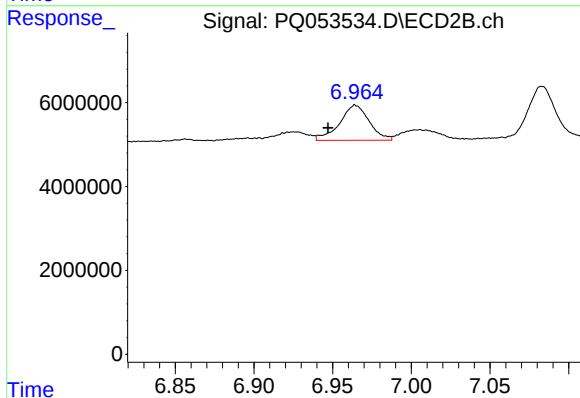
R.T.: 6.527 min
Delta R.T.: 0.000 min
Response: 4860577
Conc: 7.81 ng/ml



#28 AR-1254-3

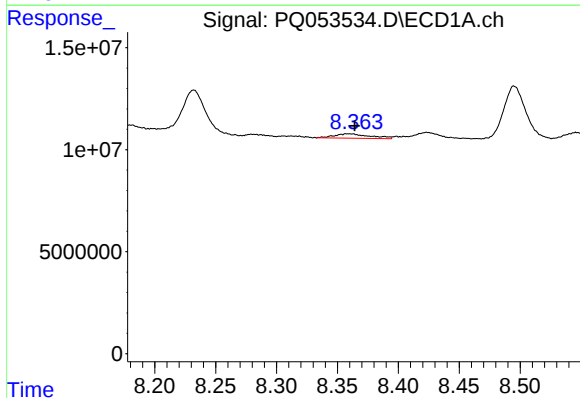
R.T.: 8.095 min
Delta R.T.: 0.026 min
Response: 9803047
Conc: 6.27 ng/ml

Instrument :
ECD_Q
ClientSampleId :



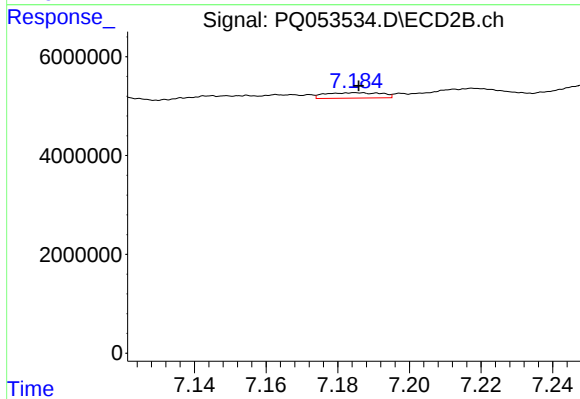
#28 AR-1254-3

R.T.: 6.964 min
Delta R.T.: 0.017 min
Response: 10954999
Conc: 11.03 ng/ml



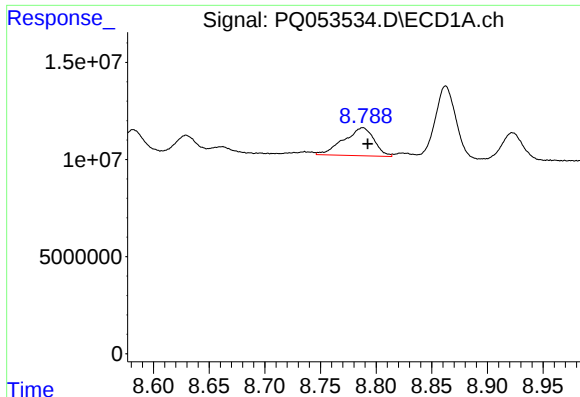
#29 AR-1254-4

R.T.: 8.359 min
Delta R.T.: -0.006 min
Response: 4492477
Conc: 3.87 ng/ml



#29 AR-1254-4

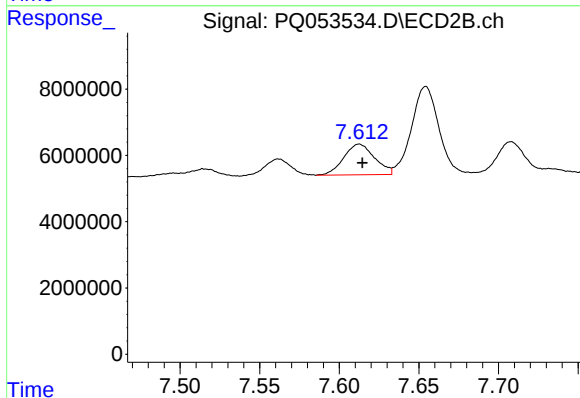
R.T.: 7.185 min
Delta R.T.: 0.000 min
Response: 1191826
Conc: 1.92 ng/ml



#30 AR-1254-5

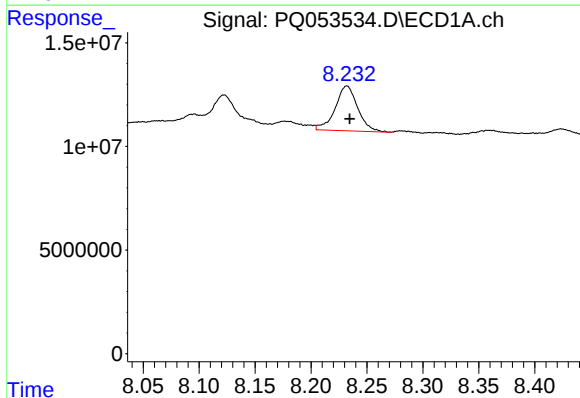
R.T.: 8.788 min
Delta R.T.: -0.004 min
Response: 27461773
Conc: 21.33 ng/ml

Instrument :
ECD_Q
ClientSampleId :



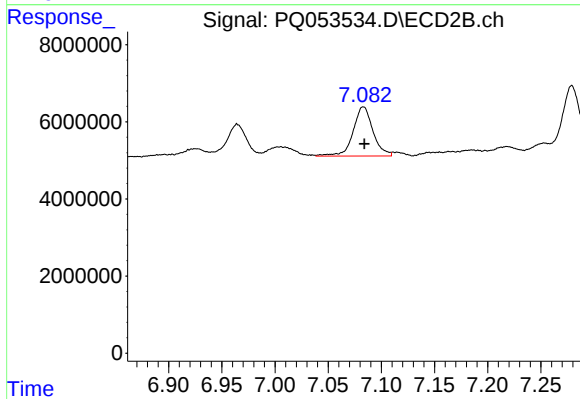
#30 AR-1254-5

R.T.: 7.613 min
Delta R.T.: -0.002 min
Response: 12546851
Conc: 12.98 ng/ml



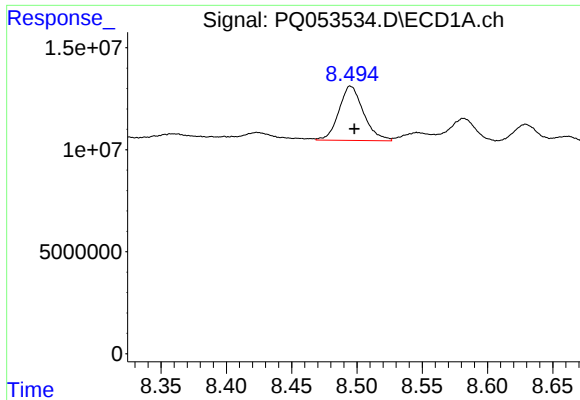
#31 AR-1260-1

R.T.: 8.232 min
Delta R.T.: -0.003 min
Response: 30316030
Conc: 22.26 ng/ml



#31 AR-1260-1

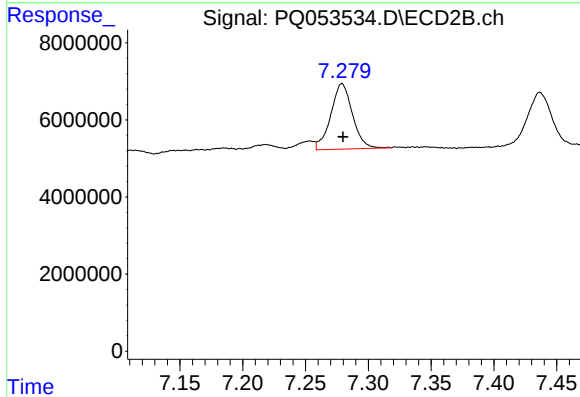
R.T.: 7.083 min
Delta R.T.: 0.000 min
Response: 16645579
Conc: 20.63 ng/ml



#32 AR-1260-2

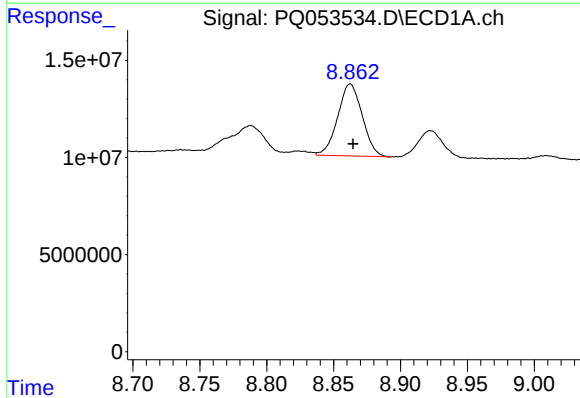
R.T.: 8.495 min
Delta R.T.: -0.003 min
Response: 34897305
Conc: 20.31 ng/ml

Instrument :
ECD_Q
ClientSampleId :



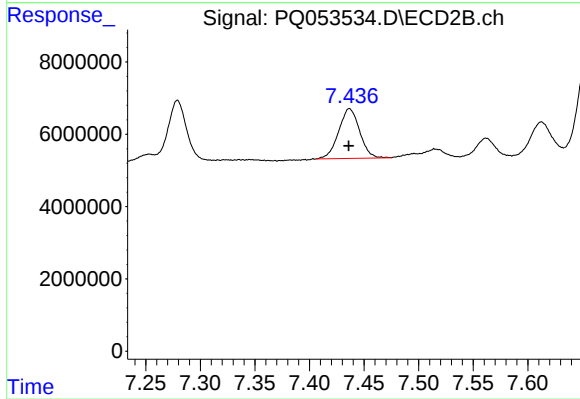
#32 AR-1260-2

R.T.: 7.279 min
Delta R.T.: 0.000 min
Response: 20434343
Conc: 18.00 ng/ml



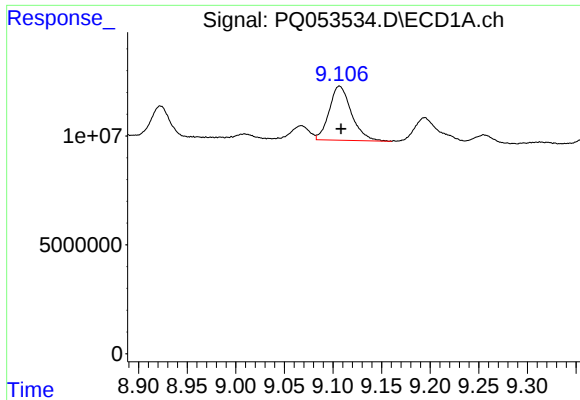
#33 AR-1260-3

R.T.: 8.862 min
Delta R.T.: -0.002 min
Response: 47357327
Conc: 39.29 ng/ml



#33 AR-1260-3

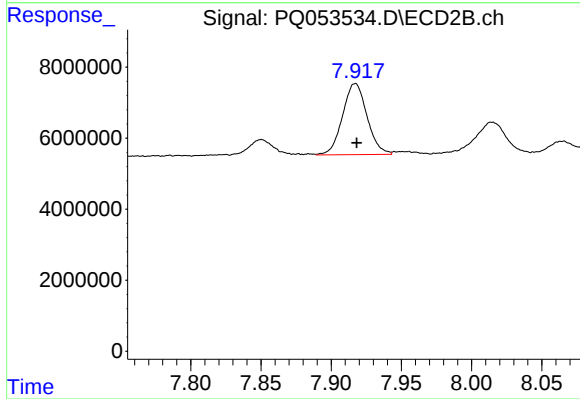
R.T.: 7.437 min
Delta R.T.: 0.000 min
Response: 18437740
Conc: 19.33 ng/ml



#34 AR-1260-4

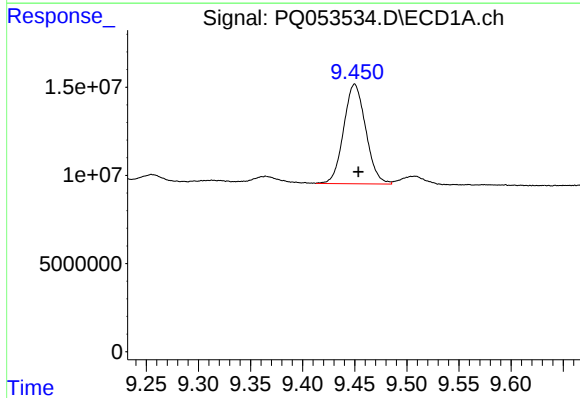
R.T.: 9.107 min
Delta R.T.: -0.002 min
Response: 39532774
Conc: 31.04 ng/ml

Instrument :
ECD_Q
ClientSampleId :



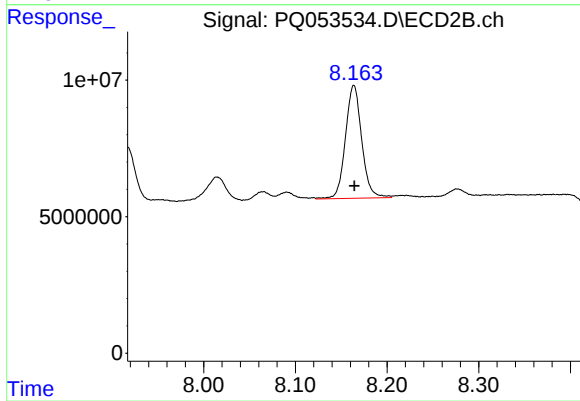
#34 AR-1260-4

R.T.: 7.917 min
Delta R.T.: 0.000 min
Response: 24302663
Conc: 33.45 ng/ml



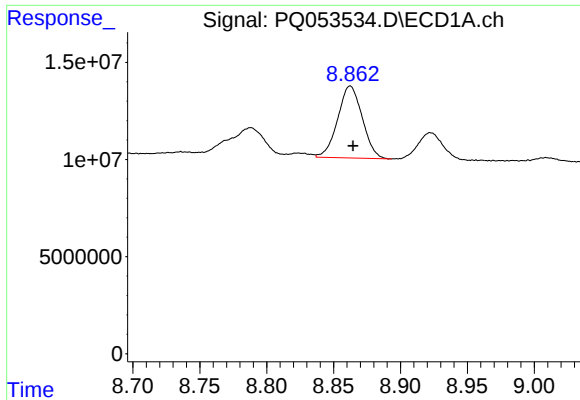
#35 AR-1260-5

R.T.: 9.450 min
Delta R.T.: -0.004 min
Response: 83295963
Conc: 30.30 ng/ml



#35 AR-1260-5

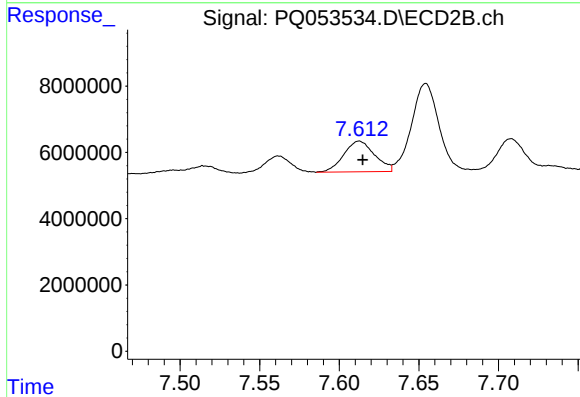
R.T.: 8.164 min
Delta R.T.: 0.000 min
Response: 50974692
Conc: 26.61 ng/ml



#36 AR-1262-1

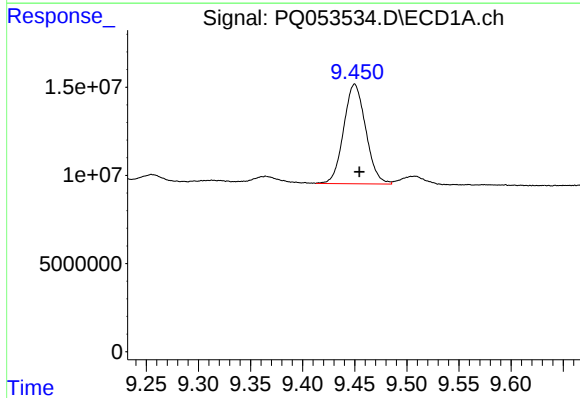
R.T.: 8.862 min
Delta R.T.: -0.002 min
Response: 47357327
Conc: 27.35 ng/ml

Instrument :
ECD_Q
ClientSampleId :



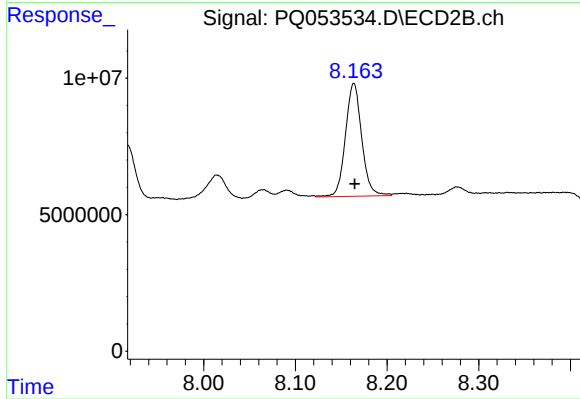
#36 AR-1262-1

R.T.: 7.613 min
Delta R.T.: -0.002 min
Response: 12546851
Conc: 26.18 ng/ml



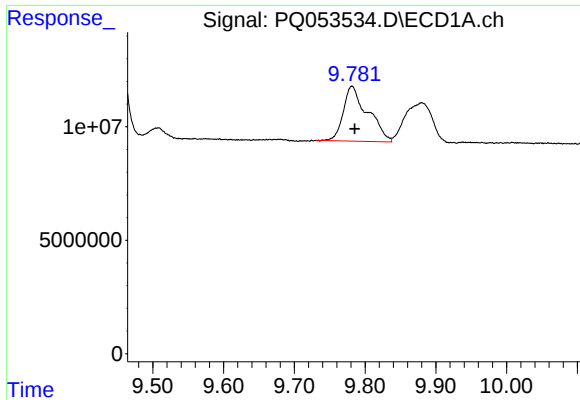
#37 AR-1262-2

R.T.: 9.450 min
Delta R.T.: -0.005 min
Response: 83295963
Conc: 27.49 ng/ml



#37 AR-1262-2

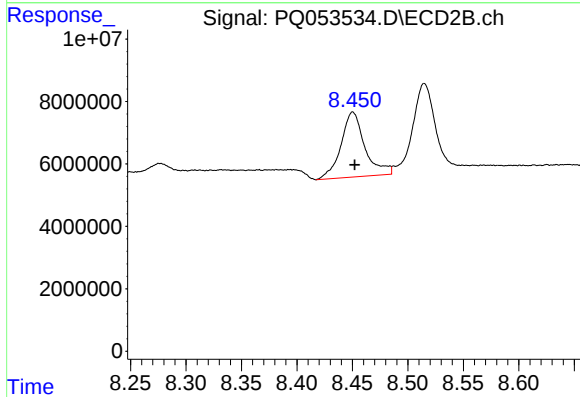
R.T.: 8.164 min
Delta R.T.: -0.001 min
Response: 50974692
Conc: 24.89 ng/ml



#38 AR-1262-3

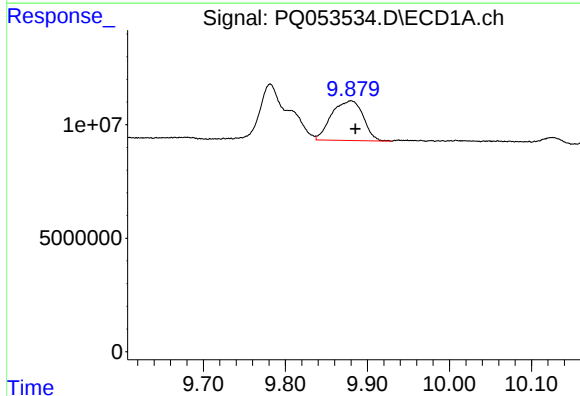
R.T.: 9.782 min
Delta R.T.: -0.004 min
Response: 57841863
Conc: 28.15 ng/ml

Instrument :
ECD_Q
ClientSampleId :



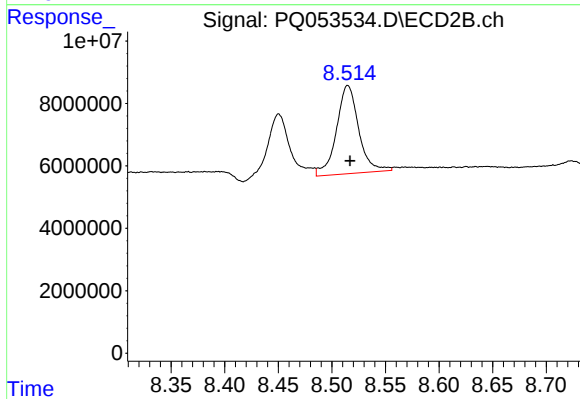
#38 AR-1262-3

R.T.: 8.450 min
Delta R.T.: -0.002 min
Response: 31294188
Conc: 37.15 ng/ml



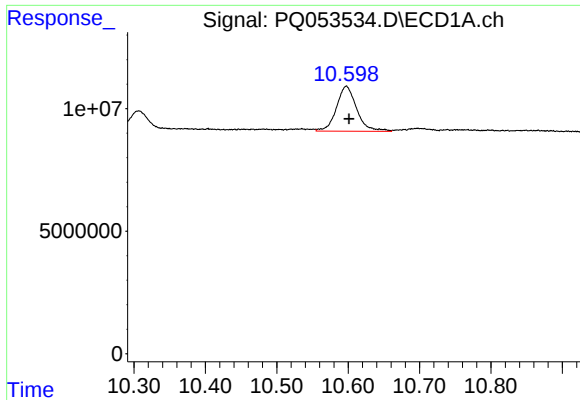
#39 AR-1262-4

R.T.: 9.880 min
Delta R.T.: -0.005 min
Response: 46706604
Conc: 27.36 ng/ml



#39 AR-1262-4

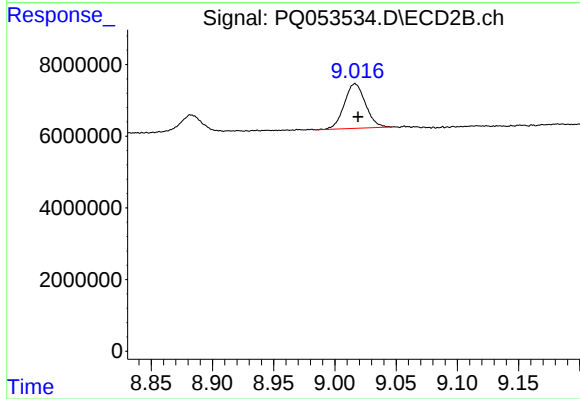
R.T.: 8.515 min
Delta R.T.: -0.002 min
Response: 40880993
Conc: 28.81 ng/ml



#40 AR-1262-5

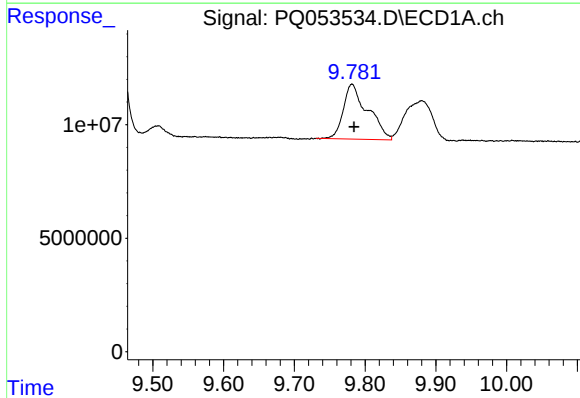
R.T.: 10.597 min
Delta R.T.: -0.004 min
Response: 36262646
Conc: 31.86 ng/ml

Instrument :
ECD_Q
ClientSampleId :



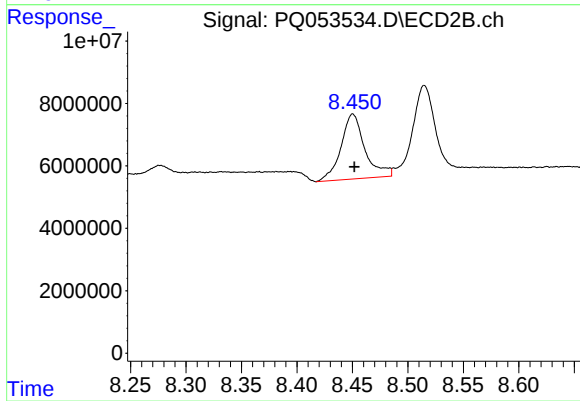
#40 AR-1262-5

R.T.: 9.016 min
Delta R.T.: -0.002 min
Response: 15016974
Conc: 24.36 ng/ml



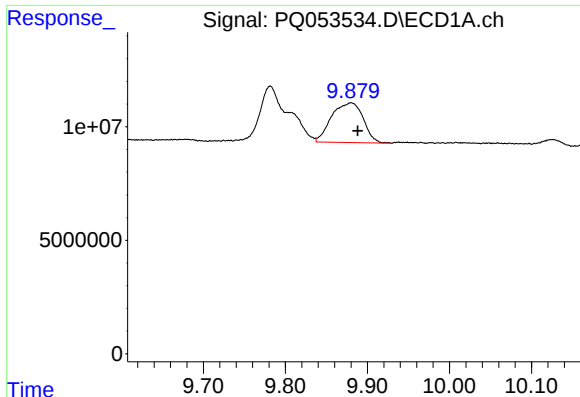
#41 AR-1268-1

R.T.: 9.782 min
Delta R.T.: -0.003 min
Response: 57841863
Conc: 16.45 ng/ml



#41 AR-1268-1

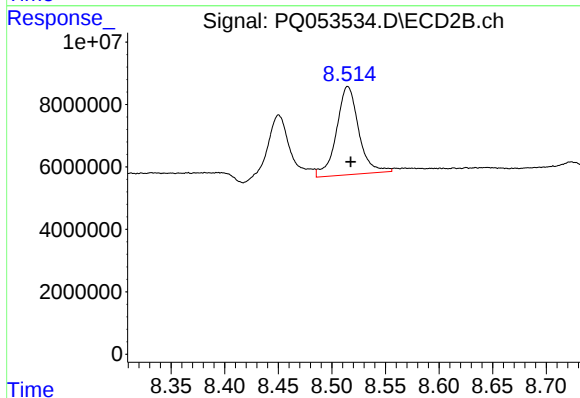
R.T.: 8.450 min
Delta R.T.: -0.002 min
Response: 31294188
Conc: 13.51 ng/ml



#42 AR-1268-2

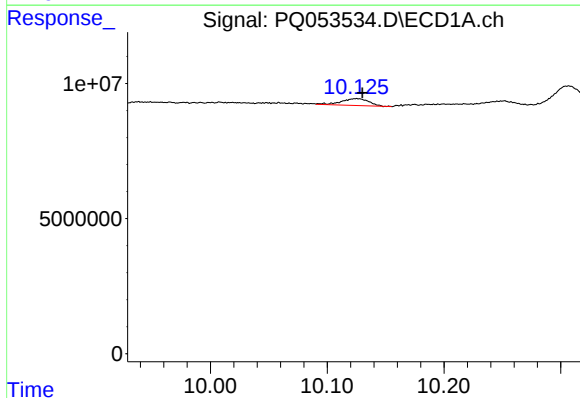
R.T.: 9.880 min
Delta R.T.: -0.008 min
Response: 46706604
Conc: 13.99 ng/ml

Instrument :
ECD_Q
ClientSampleId :



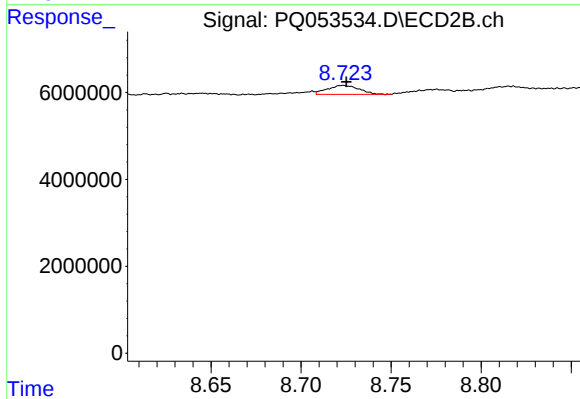
#42 AR-1268-2

R.T.: 8.515 min
Delta R.T.: -0.003 min
Response: 40880993
Conc: 21.02 ng/ml



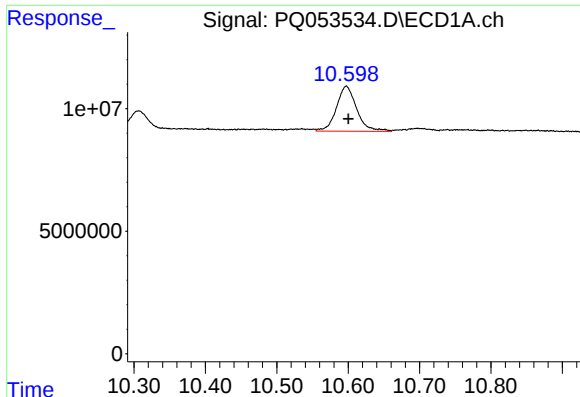
#43 AR-1268-3

R.T.: 10.125 min
Delta R.T.: -0.005 min
Response: 4122868
Conc: 1.41 ng/ml



#43 AR-1268-3

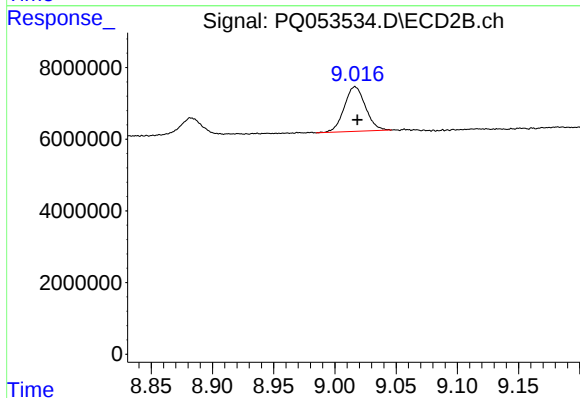
R.T.: 8.724 min
Delta R.T.: -0.002 min
Response: 2505319
Conc: 1.47 ng/ml



#44 AR-1268-4

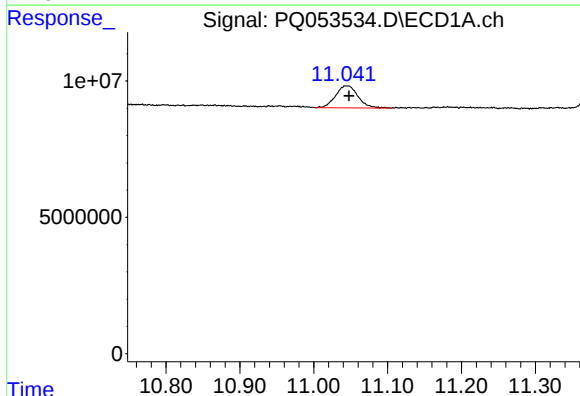
R.T.: 10.597 min
Delta R.T.: -0.003 min
Response: 36262646
Conc: 31.46 ng/ml

Instrument :
ECD_Q
ClientSampleId :



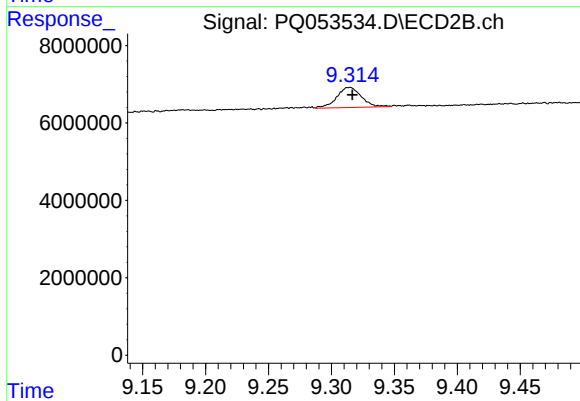
#44 AR-1268-4

R.T.: 9.016 min
Delta R.T.: -0.002 min
Response: 15016974
Conc: 23.45 ng/ml



#45 AR-1268-5

R.T.: 11.045 min
Delta R.T.: -0.003 min
Response: 17116761
Conc: 1.83 ng/ml



#45 AR-1268-5

R.T.: 9.315 min
Delta R.T.: -0.002 min
Response: 7038712
Conc: 1.45 ng/ml