

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ042921\
 Data File : PQ053266.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 29 Apr 2021 10:10
 Operator : DD\AJ
 Sample : AR1248CCC400
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :
 AR12483015

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 30 00:50:13 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	605.7E6	248.8E6	21.587	21.400
2)	SA Decachlor...	11.412	9.576	1179.8E6	524.4E6	41.715	42.130
Target Compounds							
3)	L1 AR-1016-1	6.546	5.495	251.6E6	111.2E6	258.276	252.391
4)	L1 AR-1016-2	6.571	5.515	305.1E6	115.8E6	209.850	183.005
5)	L1 AR-1016-3	6.637	5.709	145.6E6	73025786	165.645	221.443 #
6)	L1 AR-1016-4	6.743	5.758	166.1E6	152.5E6	229.316	584.882 #
7)	L1 AR-1016-5	7.058	5.988	400.3E6	191.3E6	579.601	575.502
9)	L2 AR-1221-2	5.577	4.593	10448187	6169499	50.636	69.433 #
10)	L2 AR-1221-3	5.659	4.682	19749147	8617769	28.450	27.906
11)	L3 AR-1232-1	5.659	4.682	19749147	8617769	38.029	37.752
12)	L3 AR-1232-2	6.251	5.515	103.2E6	115.8E6	368.539	473.904 #
13)	L3 AR-1232-3	6.571	5.709	305.1E6	73025786	532.234	597.097
14)	L3 AR-1232-4	6.743	5.803	166.1E6	156.8E6	580.808	1497.880 #
15)	L3 AR-1232-5	6.839	5.988	354.3E6	191.3E6	1736.311	1630.588
16)	L4 AR-1242-1	6.546	5.495	251.6E6	111.2E6	277.509	277.309
17)	L4 AR-1242-2	6.571	5.515	305.1E6	115.8E6	224.679	198.504
18)	L4 AR-1242-3	6.637	5.709	145.6E6	73025786	176.467	241.057 #
19)	L4 AR-1242-4	6.743	5.803	166.1E6	156.8E6	242.469	551.339 #
20)	L4 AR-1242-5	7.527	6.367	458.6E6	286.3E6	628.706	722.570
21)	L5 AR-1248-1	6.546	5.495	251.6E6	111.2E6	406.670	408.095
22)	L5 AR-1248-2	6.839	5.758	354.3E6	152.5E6	406.242	410.026
23)	L5 AR-1248-3	7.058	5.803	400.3E6	156.8E6	408.399	410.763
24)	L5 AR-1248-4	7.487	5.988	457.0E6	191.3E6	399.879	409.115
25)	L5 AR-1248-5	7.527	6.411	458.6E6	195.7E6	402.453	397.803
26)	L6 AR-1254-1	7.456	6.367	351.1E6	286.3E6	223.355	266.978
27)	L6 AR-1254-2	7.692	6.527	444.0E6	81920231	181.366	85.885 #
28)	L6 AR-1254-3	8.068	6.947	230.3E6	127.4E6	87.496	82.284
29)	L6 AR-1254-4	8.363	7.186	162.5E6	97531311	84.424	93.145
30)	L6 AR-1254-5	8.792	7.615	40640871	27542309	19.867	18.875
31)	L7 AR-1260-1	8.233	7.095	25929763	58627321	22.522	90.470 #
32)	L7 AR-1260-2	8.492	7.279	38872801	12747179	27.900	13.752 #
33)	L7 AR-1260-3	8.856	7.434	7747795	14053698	7.236	18.061 #
34)	L7 AR-1260-4	9.101	7.920	14570086	1725318	12.033	2.541 #
35)	L7 AR-1260-5	9.452	8.165	6151421	3657159	2.404	1.977
36)	L8 AR-1262-1	8.856	7.615	7747795	27542309	3.874	44.931 #
37)	L8 AR-1262-2	9.452	8.165	6151421	3657159	1.658	1.439
38)	L8 AR-1262-3	9.811	8.457	6624494	101227	2.640	0.100 #
39)	L8 AR-1262-4	0.000	8.515	0	3673580	N.D.	2.132 #
41)	L9 AR-1268-1	9.811	8.457	6624494	101227	1.489	0.035 #
42)	L9 AR-1268-2	0.000	8.515	0	3673580	N.D.	1.476 #
43)	L9 AR-1268-3	0.000	8.724	0	1968549	N.D.	0.908 #
45)	L9 AR-1268-5	11.049	9.317	7989080	3984764	0.620	0.643

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ042921\
Data File : PQ053266.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 29 Apr 2021 10:10
Operator : DD\AJ
Sample : AR1248CCC400
Misc :
ALS Vial : 5 Sample Multiplier: 1

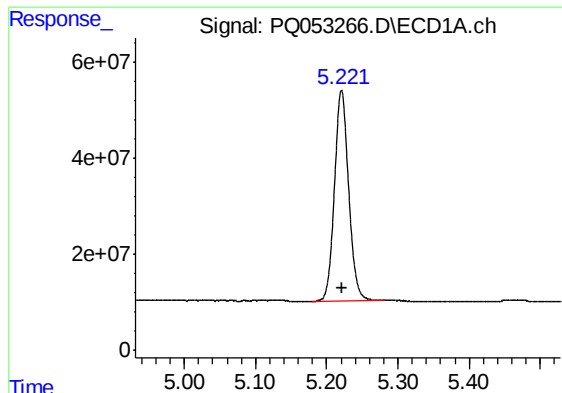
Instrument :
ECD_Q
ClientSampleId :
AR12483015

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 30 00:50:13 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

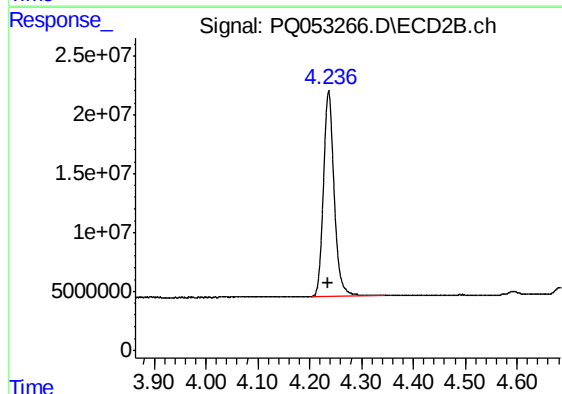
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

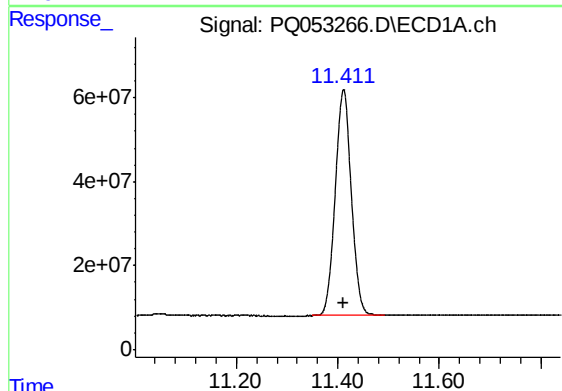
R.T.: 5.221 min
Delta R.T.: -0.001 min
Response: 605695533
Conc: 21.59 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR12483015



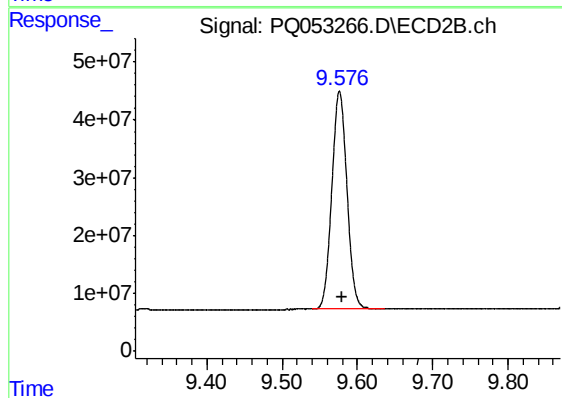
#1 Tetrachloro-m-xylene

R.T.: 4.237 min
Delta R.T.: 0.000 min
Response: 248845866
Conc: 21.40 ng/ml



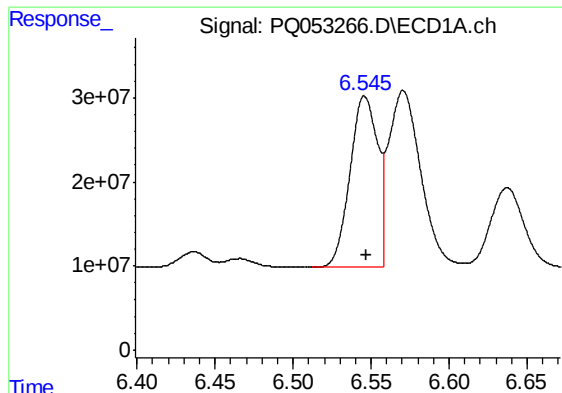
#2 Decachlorobiphenyl

R.T.: 11.412 min
Delta R.T.: 0.000 min
Response: 1179785168
Conc: 41.71 ng/ml



#2 Decachlorobiphenyl

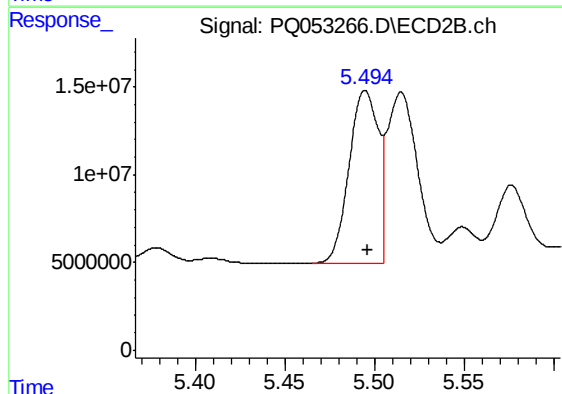
R.T.: 9.576 min
Delta R.T.: -0.003 min
Response: 524352483
Conc: 42.13 ng/ml



#3 AR-1016-1

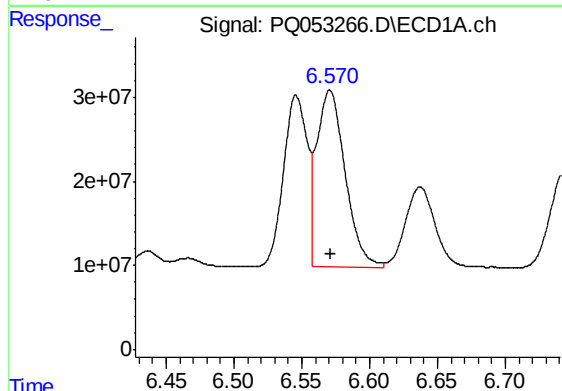
R.T.: 6.546 min
Delta R.T.: -0.001 min
Response: 251637989
Conc: 258.28 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR12483015



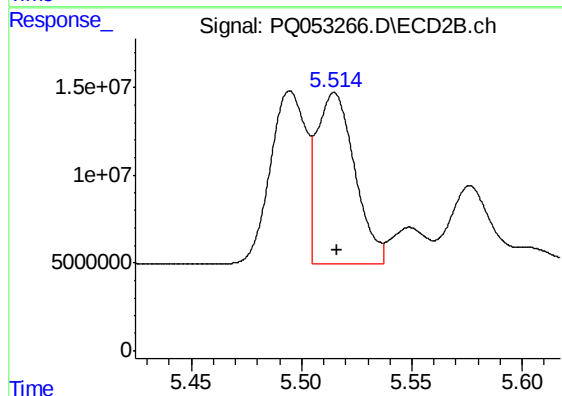
#3 AR-1016-1

R.T.: 5.495 min
Delta R.T.: -0.001 min
Response: 111154410
Conc: 252.39 ng/ml



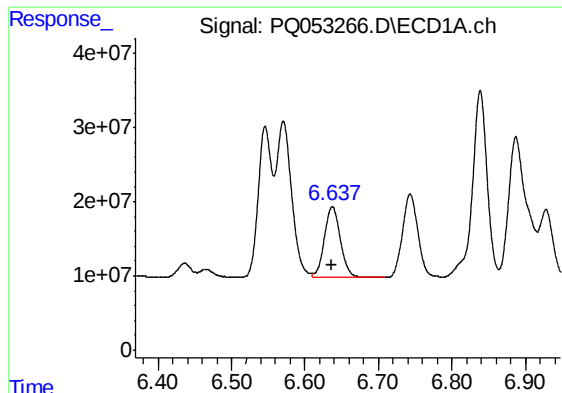
#4 AR-1016-2

R.T.: 6.571 min
Delta R.T.: 0.000 min
Response: 305142961
Conc: 209.85 ng/ml



#4 AR-1016-2

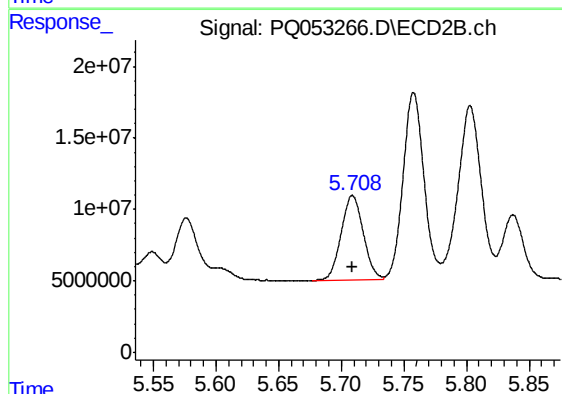
R.T.: 5.515 min
Delta R.T.: -0.001 min
Response: 115783405
Conc: 183.00 ng/ml



#5 AR-1016-3

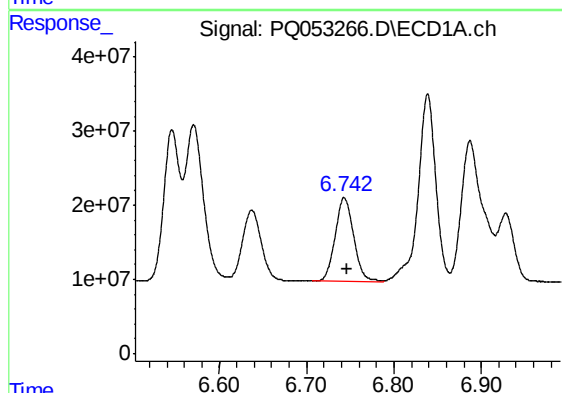
R.T.: 6.637 min
Delta R.T.: 0.000 min
Response: 145628564
Conc: 165.64 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR12483015



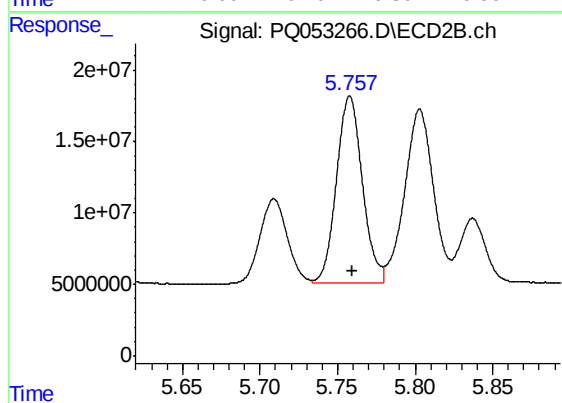
#5 AR-1016-3

R.T.: 5.709 min
Delta R.T.: 0.000 min
Response: 73025786
Conc: 221.44 ng/ml



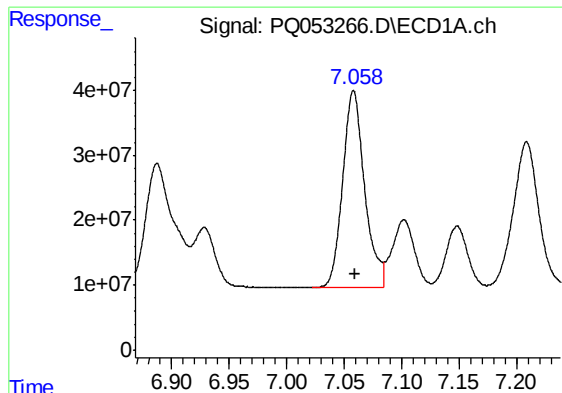
#6 AR-1016-4

R.T.: 6.743 min
Delta R.T.: -0.003 min
Response: 166116947
Conc: 229.32 ng/ml



#6 AR-1016-4

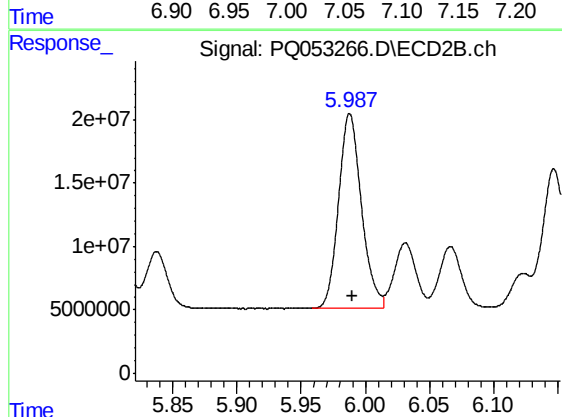
R.T.: 5.758 min
Delta R.T.: -0.001 min
Response: 152457920
Conc: 584.88 ng/ml



#7 AR-1016-5

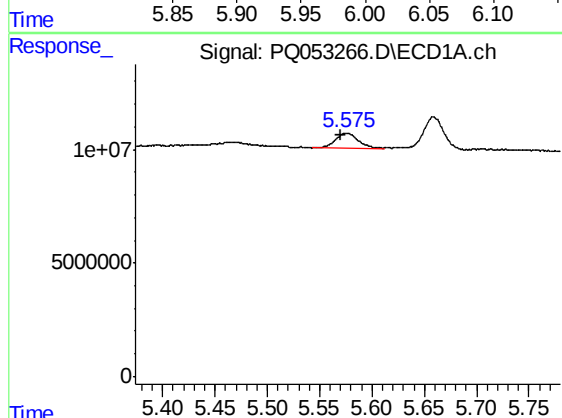
R.T.: 7.058 min
Delta R.T.: -0.002 min
Response: 400325494
Conc: 579.60 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR12483015



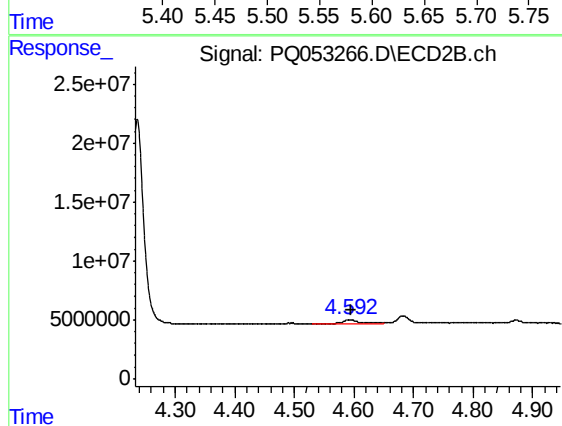
#7 AR-1016-5

R.T.: 5.988 min
Delta R.T.: -0.002 min
Response: 191256946
Conc: 575.50 ng/ml



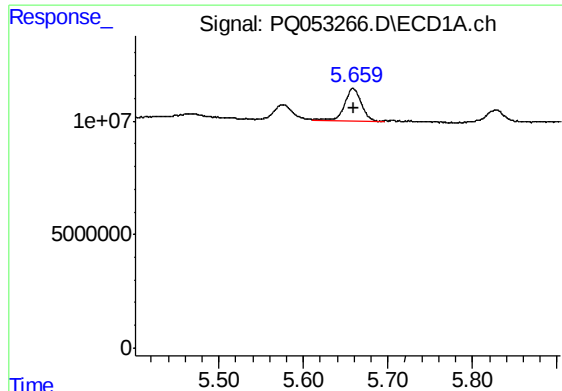
#9 AR-1221-2

R.T.: 5.577 min
Delta R.T.: 0.006 min
Response: 10448187
Conc: 50.64 ng/ml



#9 AR-1221-2

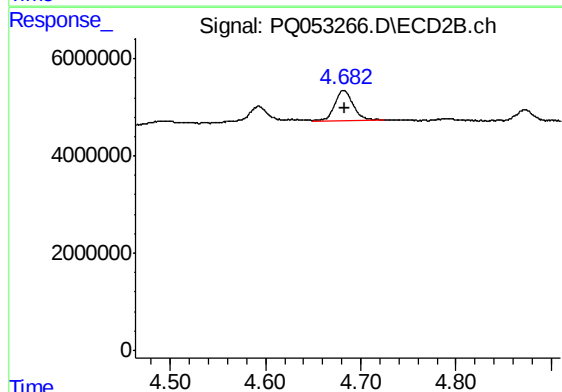
R.T.: 4.593 min
Delta R.T.: -0.002 min
Response: 6169499
Conc: 69.43 ng/ml



#10 AR-1221-3

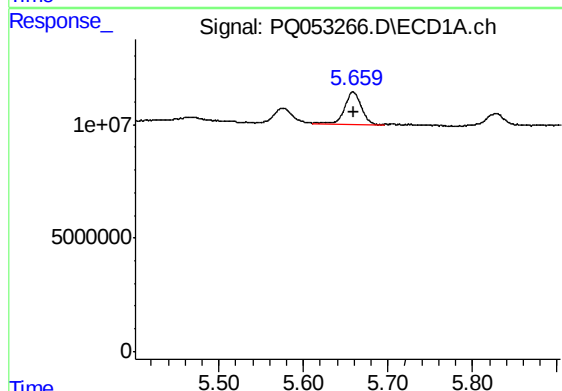
R.T.: 5.659 min
Delta R.T.: 0.000 min
Response: 19749147
Conc: 28.45 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR12483015



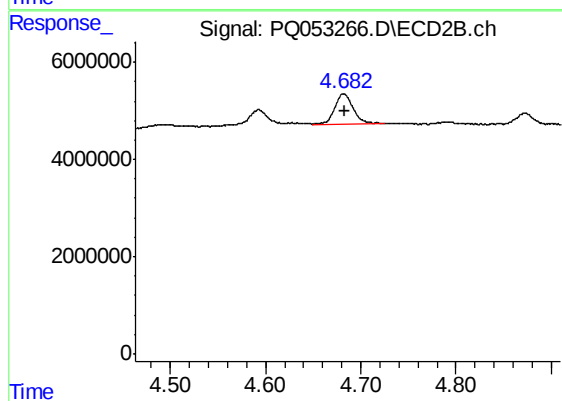
#10 AR-1221-3

R.T.: 4.682 min
Delta R.T.: -0.001 min
Response: 8617769
Conc: 27.91 ng/ml



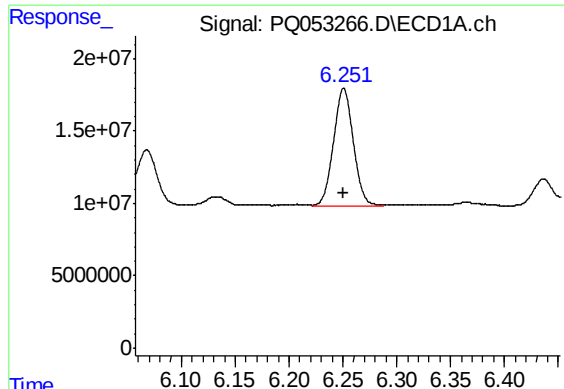
#11 AR-1232-1

R.T.: 5.659 min
Delta R.T.: 0.000 min
Response: 19749147
Conc: 38.03 ng/ml



#11 AR-1232-1

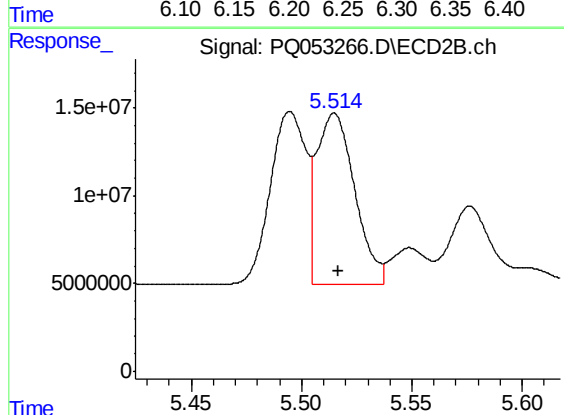
R.T.: 4.682 min
Delta R.T.: 0.000 min
Response: 8617769
Conc: 37.75 ng/ml



#12 AR-1232-2

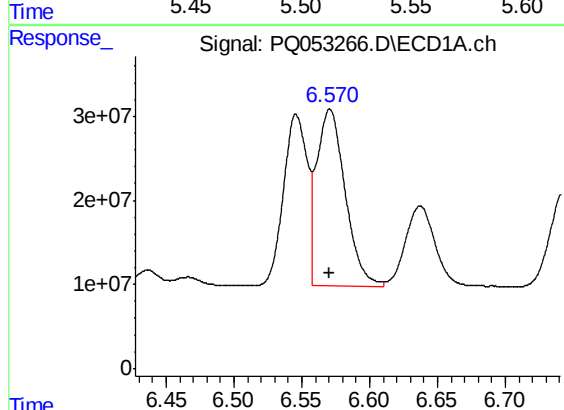
R.T.: 6.251 min
Delta R.T.: 0.000 min
Response: 103195960
Conc: 368.54 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR12483015



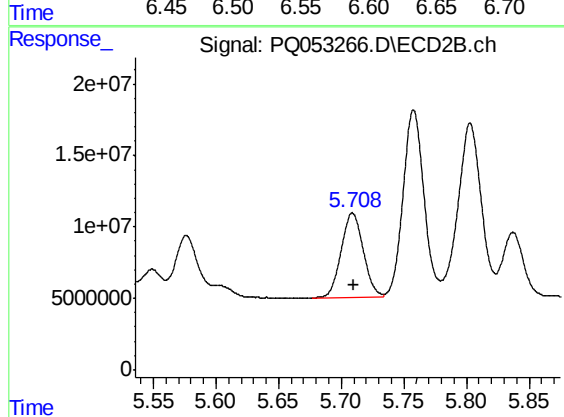
#12 AR-1232-2

R.T.: 5.515 min
Delta R.T.: -0.002 min
Response: 115783405
Conc: 473.90 ng/ml



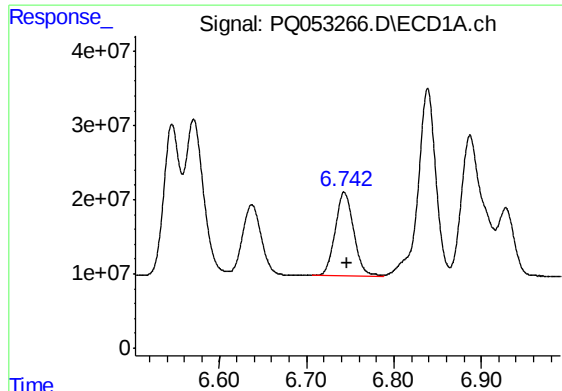
#13 AR-1232-3

R.T.: 6.571 min
Delta R.T.: 0.000 min
Response: 305142961
Conc: 532.23 ng/ml



#13 AR-1232-3

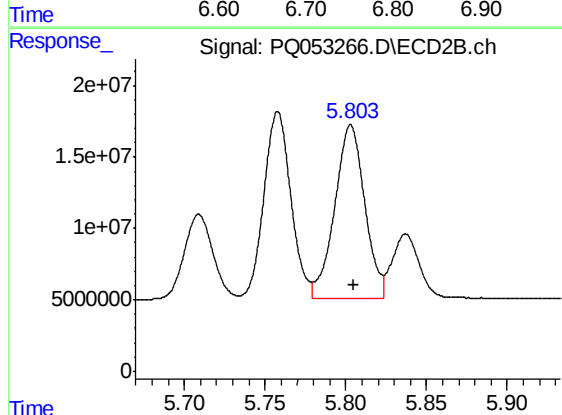
R.T.: 5.709 min
Delta R.T.: 0.000 min
Response: 73025786
Conc: 597.10 ng/ml



#14 AR-1232-4

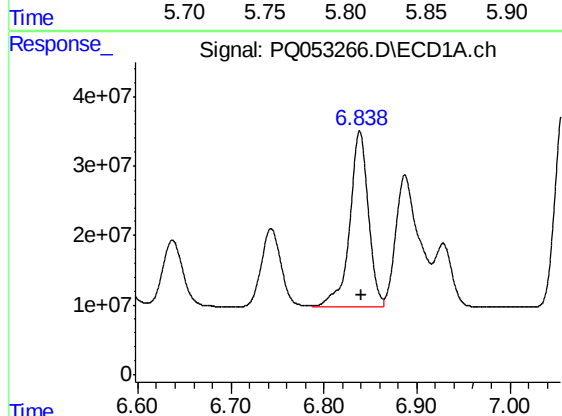
R.T.: 6.743 min
Delta R.T.: -0.003 min
Response: 166116947
Conc: 580.81 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR12483015



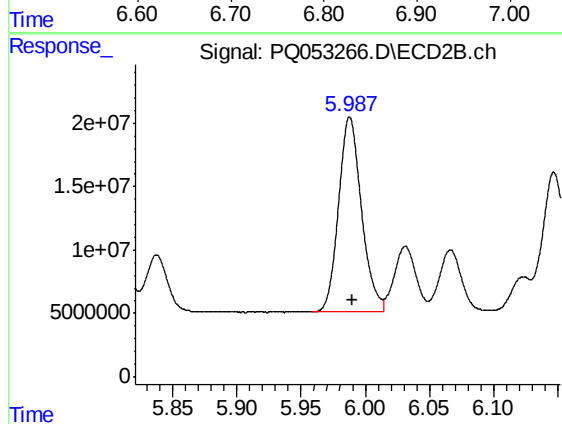
#14 AR-1232-4

R.T.: 5.803 min
Delta R.T.: -0.002 min
Response: 156828130
Conc: 1497.88 ng/ml



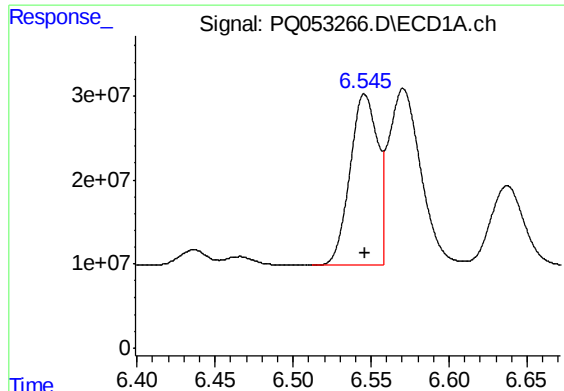
#15 AR-1232-5

R.T.: 6.839 min
Delta R.T.: -0.001 min
Response: 354316204
Conc: 1736.31 ng/ml



#15 AR-1232-5

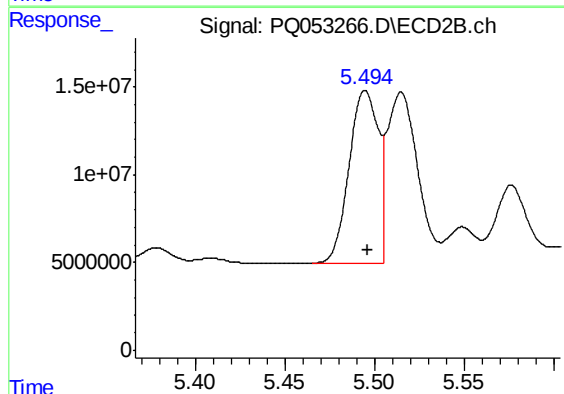
R.T.: 5.988 min
Delta R.T.: -0.002 min
Response: 191256946
Conc: 1630.59 ng/ml



#16 AR-1242-1

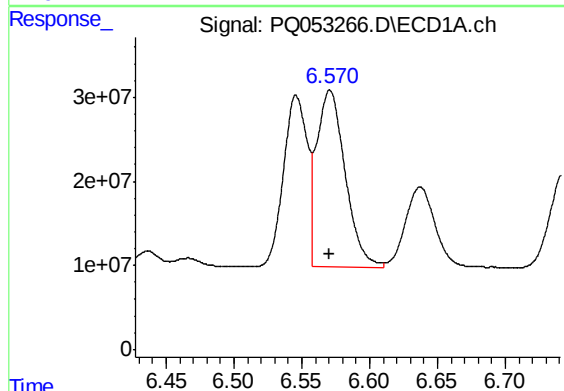
R.T.: 6.546 min
Delta R.T.: 0.000 min
Response: 251637989
Conc: 277.51 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR12483015



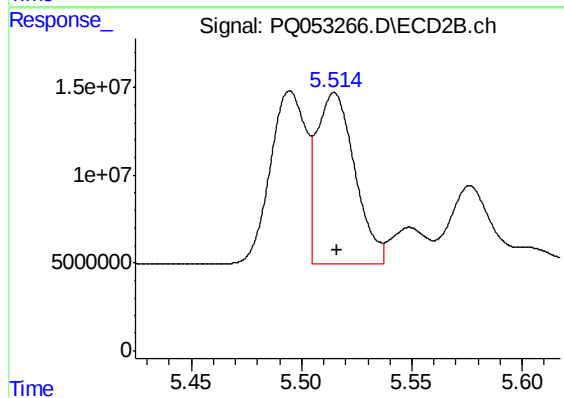
#16 AR-1242-1

R.T.: 5.495 min
Delta R.T.: -0.001 min
Response: 111154410
Conc: 277.31 ng/ml



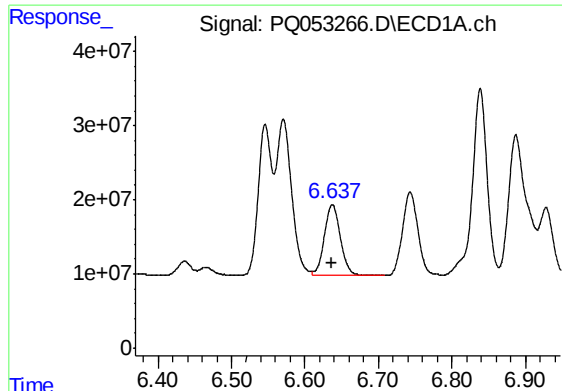
#17 AR-1242-2

R.T.: 6.571 min
Delta R.T.: 0.000 min
Response: 305142961
Conc: 224.68 ng/ml



#17 AR-1242-2

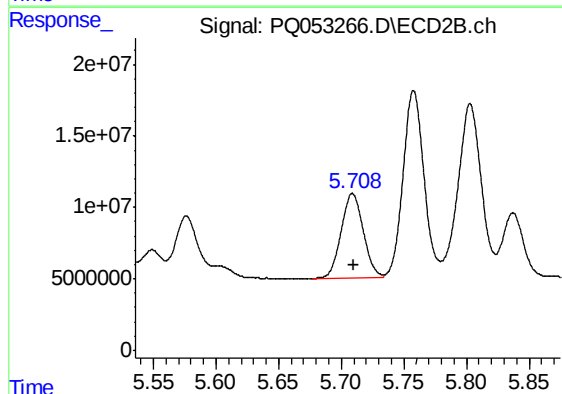
R.T.: 5.515 min
Delta R.T.: -0.001 min
Response: 115783405
Conc: 198.50 ng/ml



#18 AR-1242-3

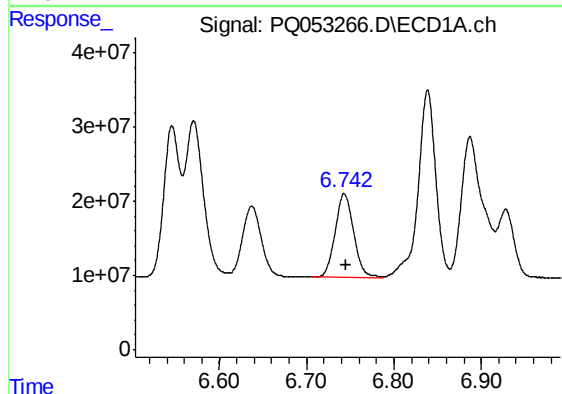
R.T.: 6.637 min
Delta R.T.: 0.000 min
Response: 145628564
Conc: 176.47 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR12483015



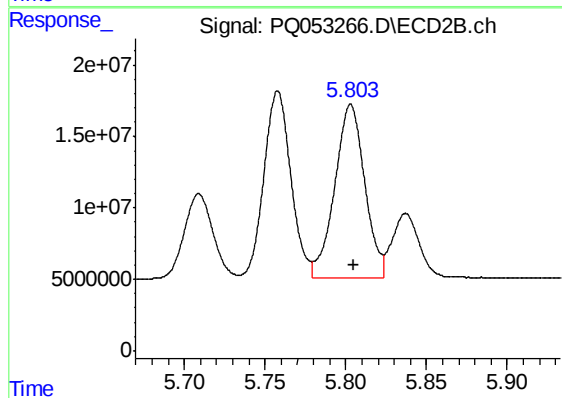
#18 AR-1242-3

R.T.: 5.709 min
Delta R.T.: 0.000 min
Response: 73025786
Conc: 241.06 ng/ml



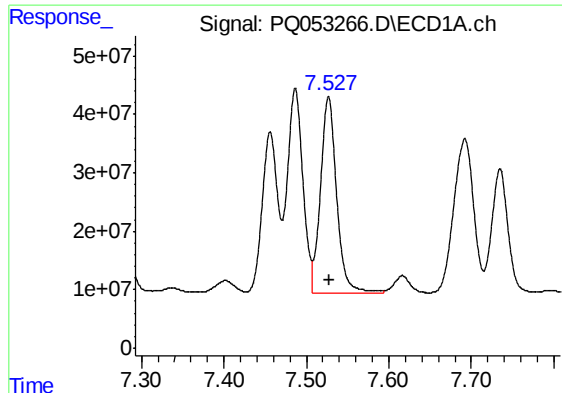
#19 AR-1242-4

R.T.: 6.743 min
Delta R.T.: -0.001 min
Response: 166116947
Conc: 242.47 ng/ml



#19 AR-1242-4

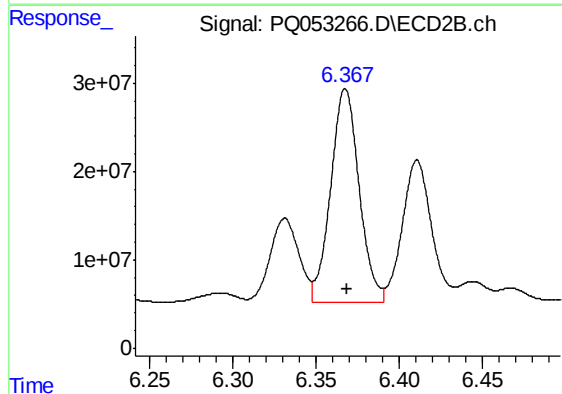
R.T.: 5.803 min
Delta R.T.: -0.002 min
Response: 156828130
Conc: 551.34 ng/ml



#20 AR-1242-5

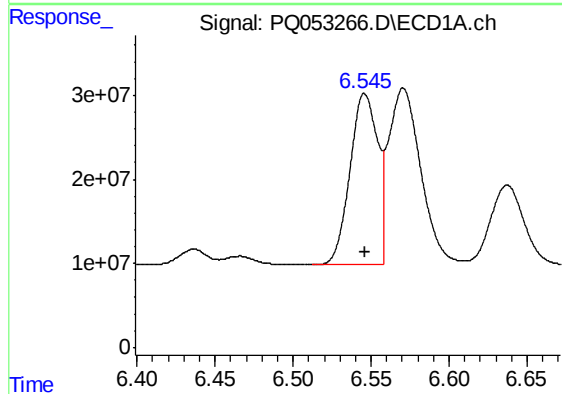
R.T.: 7.527 min
Delta R.T.: 0.000 min
Response: 458649295
Conc: 628.71 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR12483015



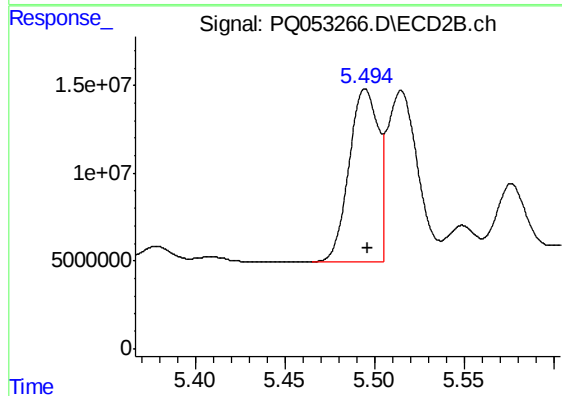
#20 AR-1242-5

R.T.: 6.367 min
Delta R.T.: -0.001 min
Response: 286262029
Conc: 722.57 ng/ml



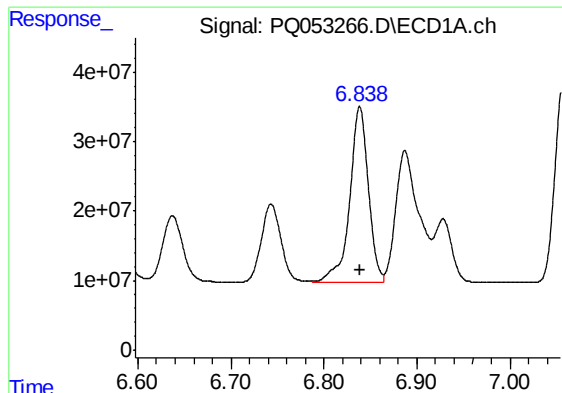
#21 AR-1248-1

R.T.: 6.546 min
Delta R.T.: 0.000 min
Response: 251637989
Conc: 406.67 ng/ml



#21 AR-1248-1

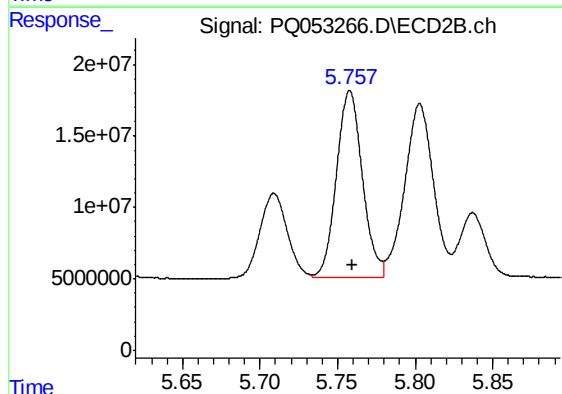
R.T.: 5.495 min
Delta R.T.: -0.001 min
Response: 111154410
Conc: 408.10 ng/ml



#22 AR-1248-2

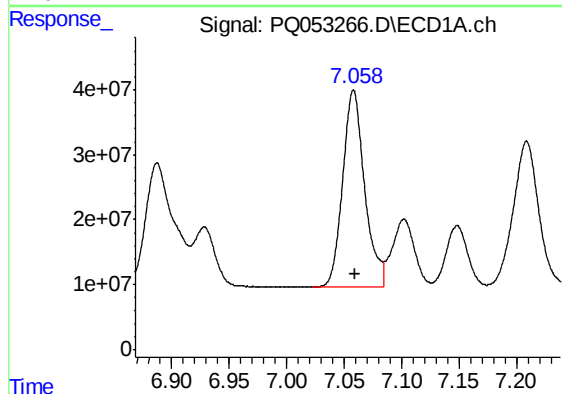
R.T.: 6.839 min
Delta R.T.: 0.000 min
Response: 354316204
Conc: 406.24 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR12483015



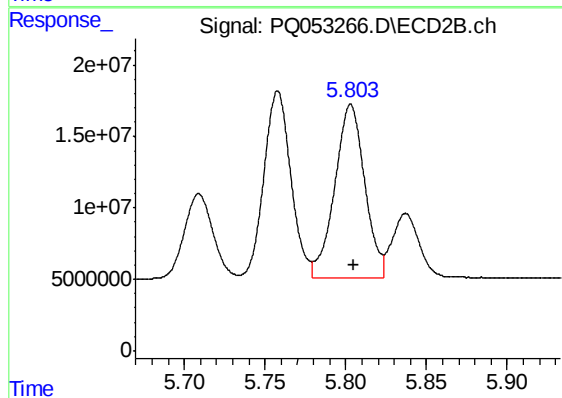
#22 AR-1248-2

R.T.: 5.758 min
Delta R.T.: -0.002 min
Response: 152457920
Conc: 410.03 ng/ml



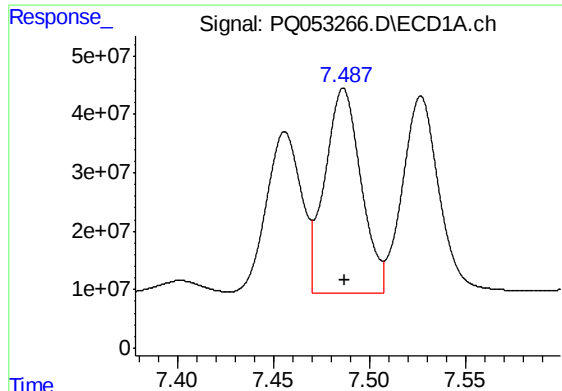
#23 AR-1248-3

R.T.: 7.058 min
Delta R.T.: 0.000 min
Response: 400325494
Conc: 408.40 ng/ml



#23 AR-1248-3

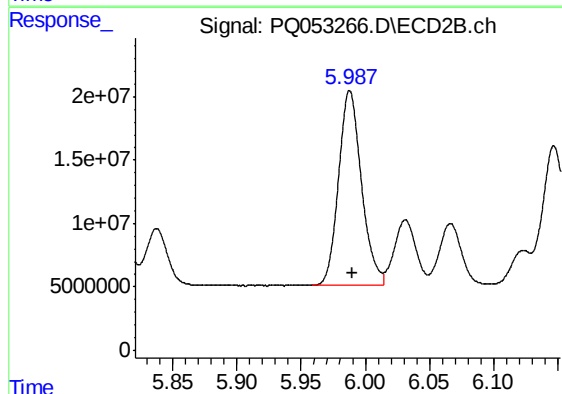
R.T.: 5.803 min
Delta R.T.: -0.002 min
Response: 156828130
Conc: 410.76 ng/ml



#24 AR-1248-4

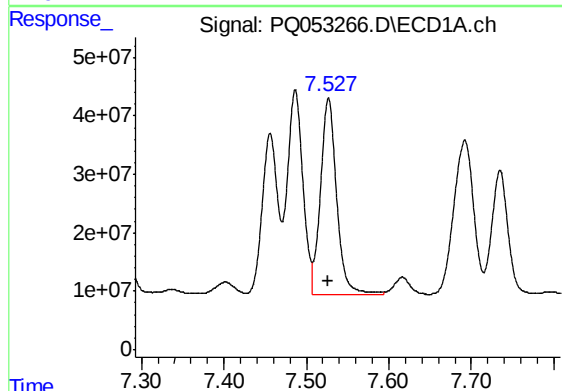
R.T.: 7.487 min
Delta R.T.: 0.000 min
Response: 456953320
Conc: 399.88 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR12483015



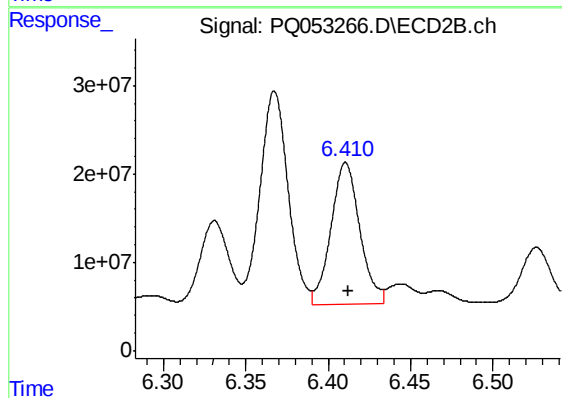
#24 AR-1248-4

R.T.: 5.988 min
Delta R.T.: -0.002 min
Response: 191256946
Conc: 409.11 ng/ml



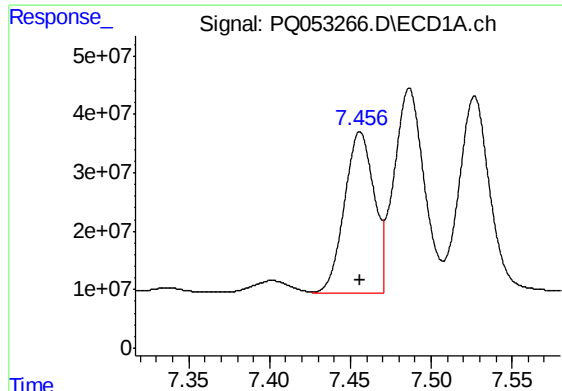
#25 AR-1248-5

R.T.: 7.527 min
Delta R.T.: 0.000 min
Response: 458649295
Conc: 402.45 ng/ml



#25 AR-1248-5

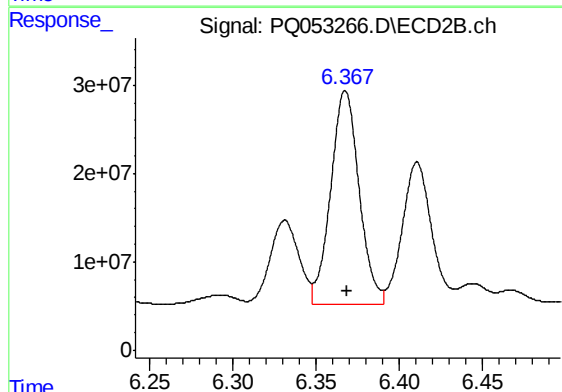
R.T.: 6.411 min
Delta R.T.: -0.002 min
Response: 195741912
Conc: 397.80 ng/ml



#26 AR-1254-1

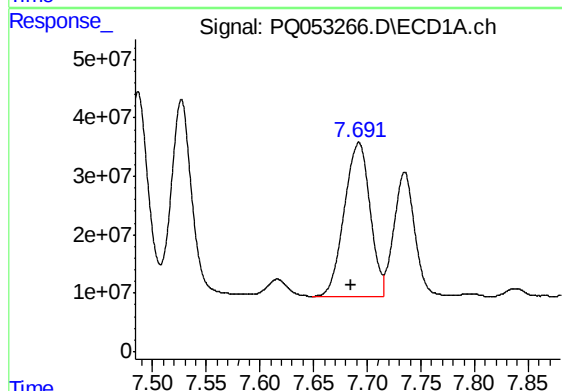
R.T.: 7.456 min
Delta R.T.: 0.000 min
Response: 351125411
Conc: 223.35 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR12483015



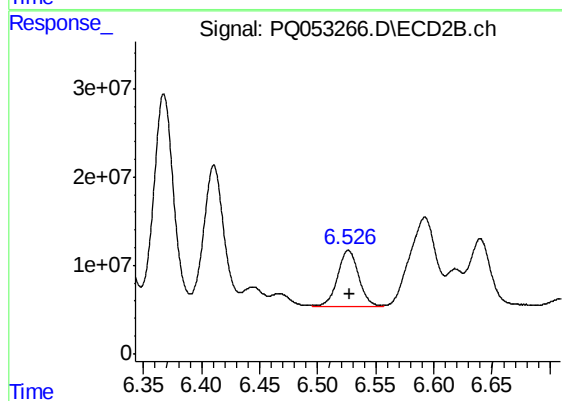
#26 AR-1254-1

R.T.: 6.367 min
Delta R.T.: -0.001 min
Response: 286262029
Conc: 266.98 ng/ml



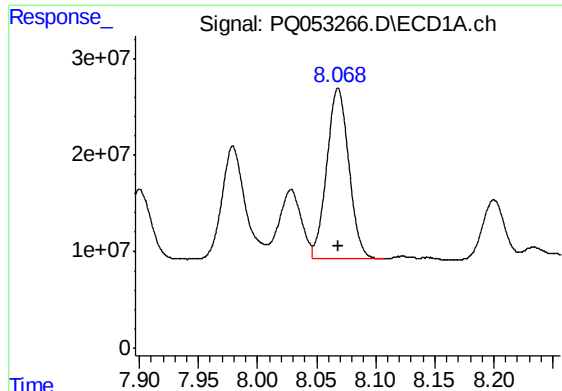
#27 AR-1254-2

R.T.: 7.692 min
Delta R.T.: 0.007 min
Response: 444031540
Conc: 181.37 ng/ml



#27 AR-1254-2

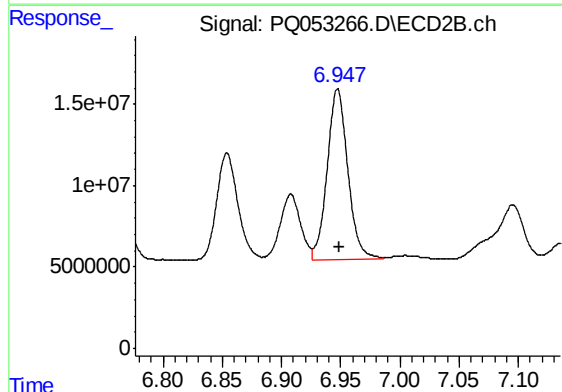
R.T.: 6.527 min
Delta R.T.: 0.000 min
Response: 81920231
Conc: 85.88 ng/ml



#28 AR-1254-3

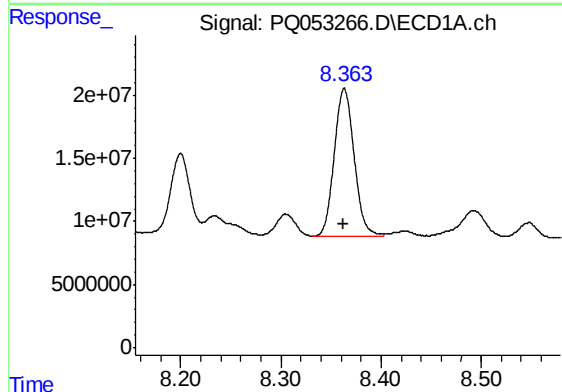
R.T.: 8.068 min
Delta R.T.: 0.000 min
Response: 230252779
Conc: 87.50 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR12483015



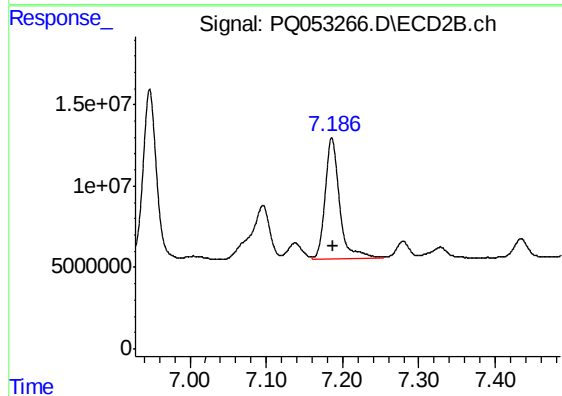
#28 AR-1254-3

R.T.: 6.947 min
Delta R.T.: -0.001 min
Response: 127443290
Conc: 82.28 ng/ml



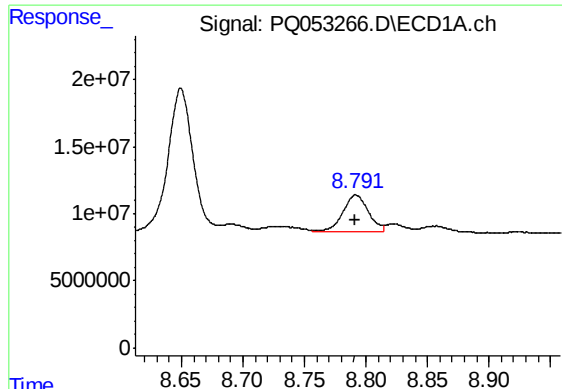
#29 AR-1254-4

R.T.: 8.363 min
Delta R.T.: 0.000 min
Response: 162477807
Conc: 84.42 ng/ml



#29 AR-1254-4

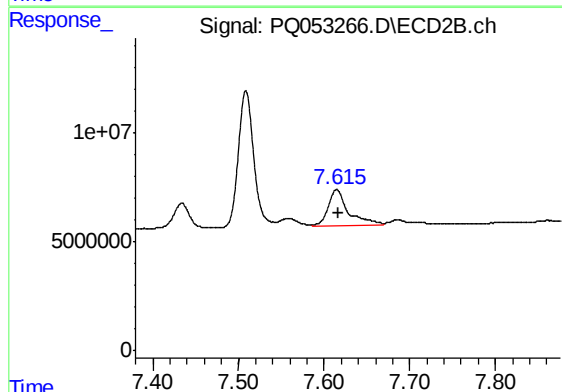
R.T.: 7.186 min
Delta R.T.: -0.001 min
Response: 97531311
Conc: 93.15 ng/ml



#30 AR-1254-5

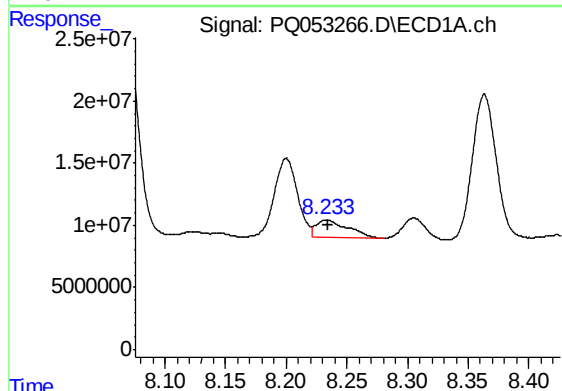
R.T.: 8.792 min
Delta R.T.: 0.000 min
Response: 40640871
Conc: 19.87 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR12483015



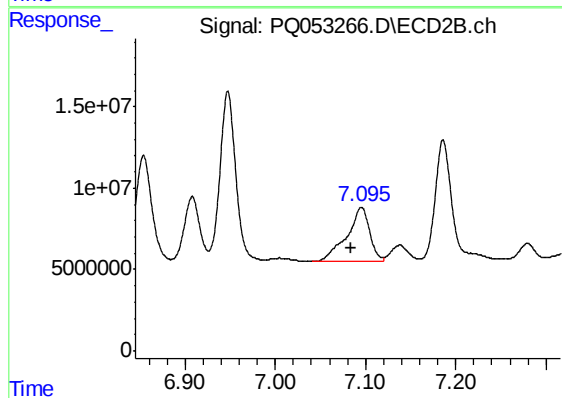
#30 AR-1254-5

R.T.: 7.615 min
Delta R.T.: -0.002 min
Response: 27542309
Conc: 18.87 ng/ml



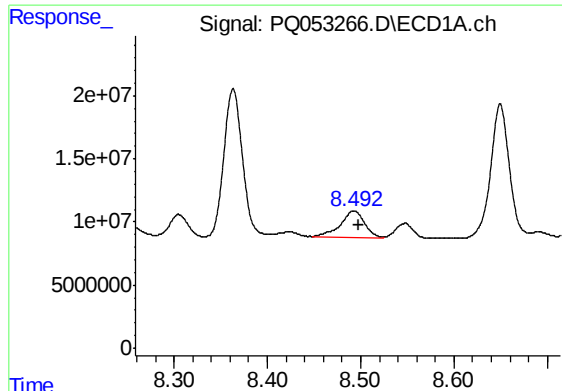
#31 AR-1260-1

R.T.: 8.233 min
Delta R.T.: 0.000 min
Response: 25929763
Conc: 22.52 ng/ml



#31 AR-1260-1

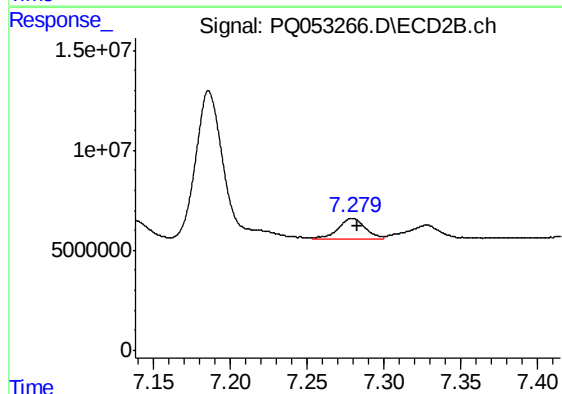
R.T.: 7.095 min
Delta R.T.: 0.011 min
Response: 58627321
Conc: 90.47 ng/ml



#32 AR-1260-2

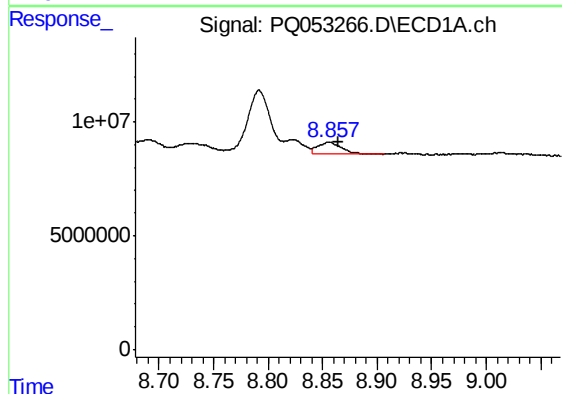
R.T.: 8.492 min
Delta R.T.: -0.006 min
Response: 38872801
Conc: 27.90 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR12483015



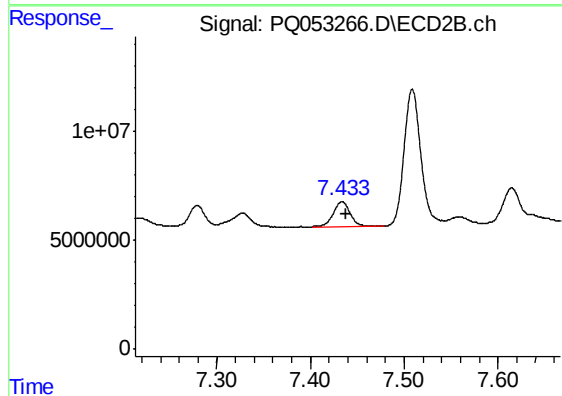
#32 AR-1260-2

R.T.: 7.279 min
Delta R.T.: -0.003 min
Response: 12747179
Conc: 13.75 ng/ml



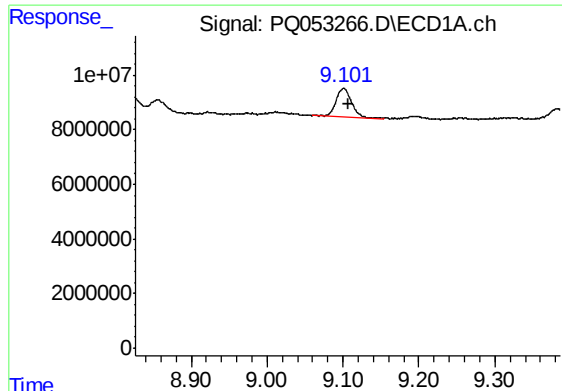
#33 AR-1260-3

R.T.: 8.856 min
Delta R.T.: -0.008 min
Response: 7747795
Conc: 7.24 ng/ml



#33 AR-1260-3

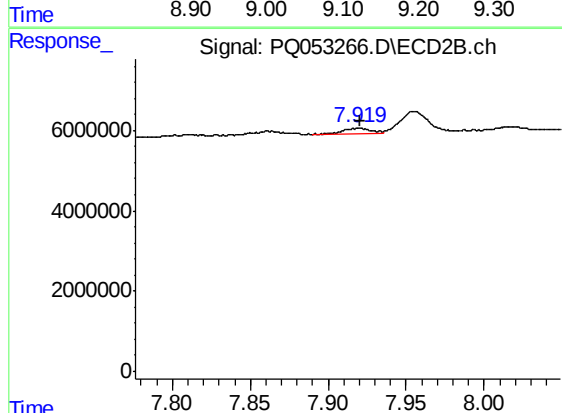
R.T.: 7.434 min
Delta R.T.: -0.004 min
Response: 14053698
Conc: 18.06 ng/ml



#34 AR-1260-4

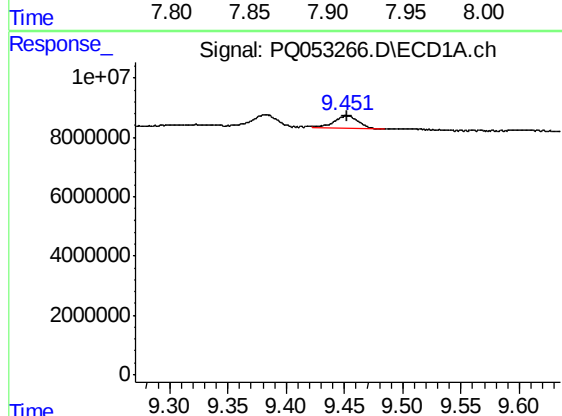
R.T.: 9.101 min
Delta R.T.: -0.007 min
Response: 14570086
Conc: 12.03 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR12483015



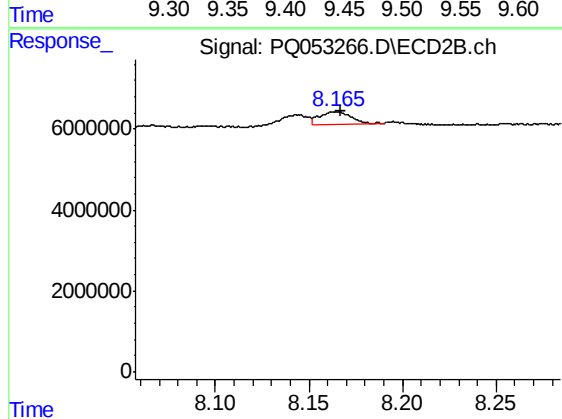
#34 AR-1260-4

R.T.: 7.920 min
Delta R.T.: 0.000 min
Response: 1725318
Conc: 2.54 ng/ml



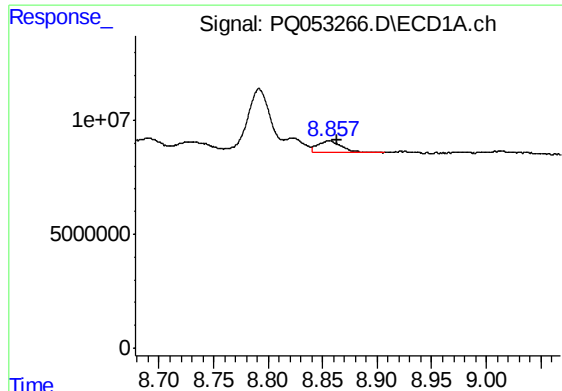
#35 AR-1260-5

R.T.: 9.452 min
Delta R.T.: 0.000 min
Response: 6151421
Conc: 2.40 ng/ml



#35 AR-1260-5

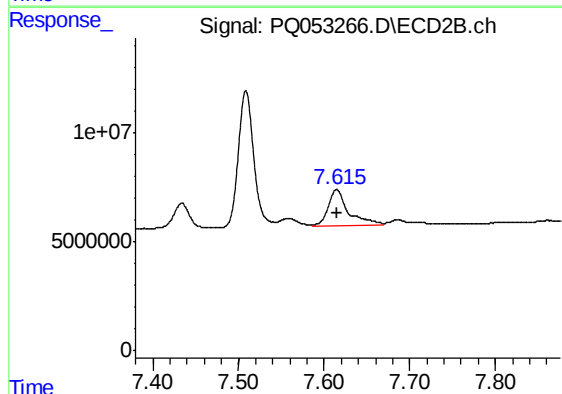
R.T.: 8.165 min
Delta R.T.: -0.002 min
Response: 3657159
Conc: 1.98 ng/ml



#36 AR-1262-1

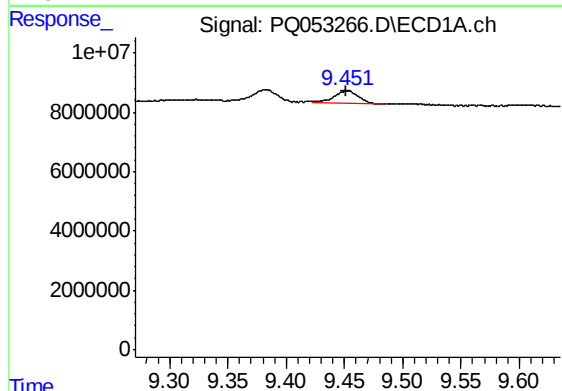
R.T.: 8.856 min
Delta R.T.: -0.007 min
Response: 7747795
Conc: 3.87 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR12483015



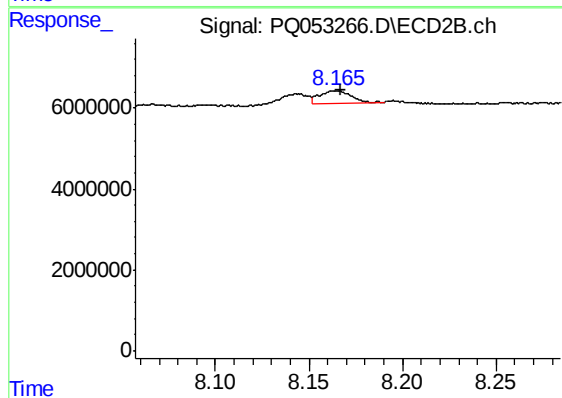
#36 AR-1262-1

R.T.: 7.615 min
Delta R.T.: 0.000 min
Response: 27542309
Conc: 44.93 ng/ml



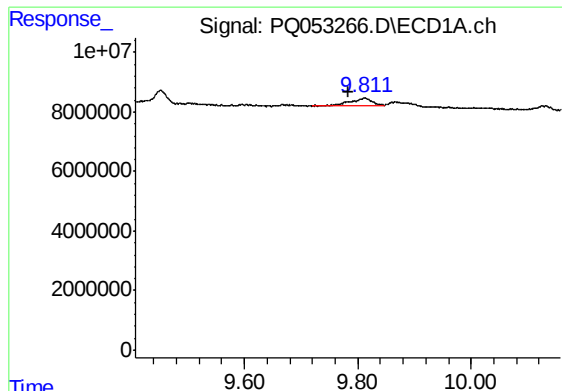
#37 AR-1262-2

R.T.: 9.452 min
Delta R.T.: 0.000 min
Response: 6151421
Conc: 1.66 ng/ml



#37 AR-1262-2

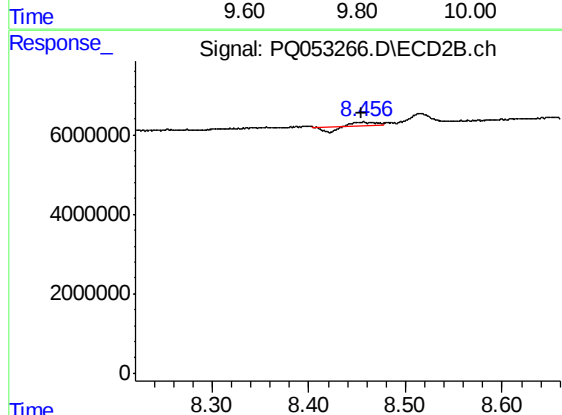
R.T.: 8.165 min
Delta R.T.: -0.002 min
Response: 3657159
Conc: 1.44 ng/ml



#38 AR-1262-3

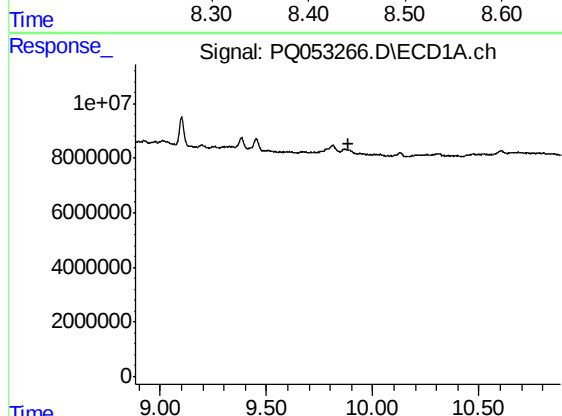
R.T.: 9.811 min
Delta R.T.: 0.028 min
Response: 6624494
Conc: 2.64 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR12483015



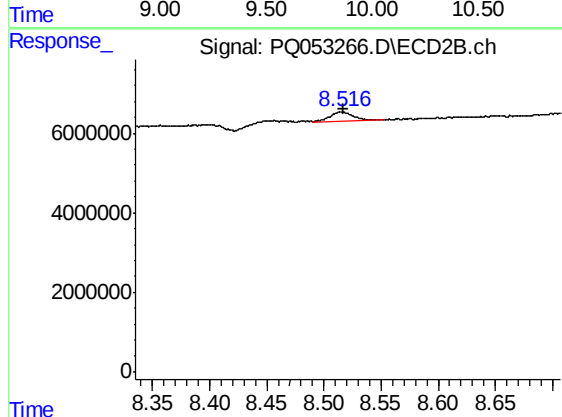
#38 AR-1262-3

R.T.: 8.457 min
Delta R.T.: 0.003 min
Response: 101227
Conc: 0.10 ng/ml



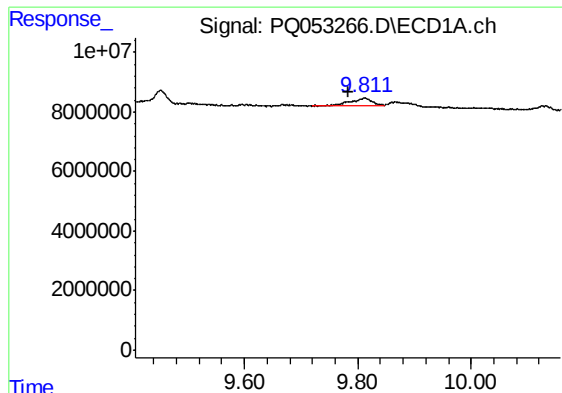
#39 AR-1262-4

R.T.: 0.000 min
Exp R.T. : 9.884 min
Response: 0
Conc: N.D.



#39 AR-1262-4

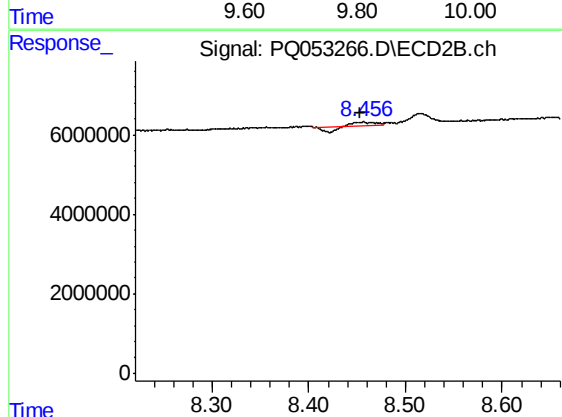
R.T.: 8.515 min
Delta R.T.: -0.002 min
Response: 3673580
Conc: 2.13 ng/ml



#41 AR-1268-1

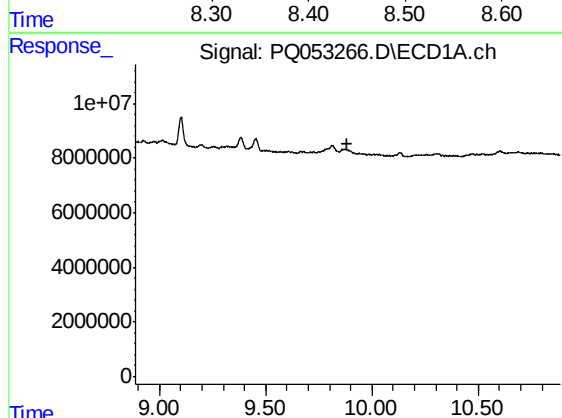
R.T.: 9.811 min
Delta R.T.: 0.028 min
Response: 6624494
Conc: 1.49 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR12483015



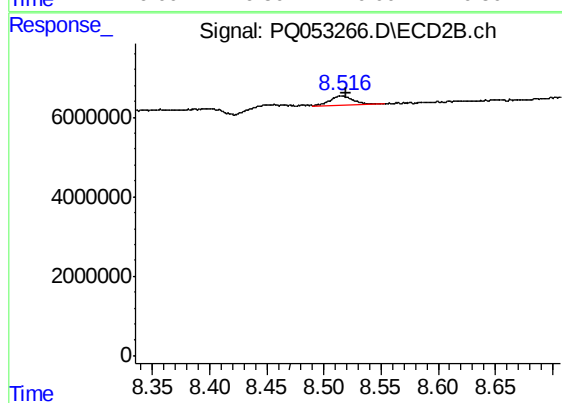
#41 AR-1268-1

R.T.: 8.457 min
Delta R.T.: 0.004 min
Response: 101227
Conc: 0.03 ng/ml



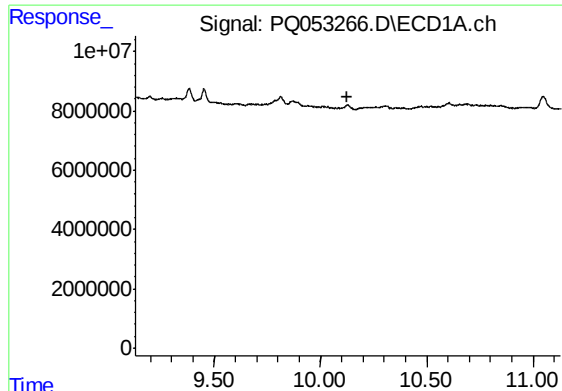
#42 AR-1268-2

R.T.: 0.000 min
Exp R.T. : 9.886 min
Response: 0
Conc: N.D.



#42 AR-1268-2

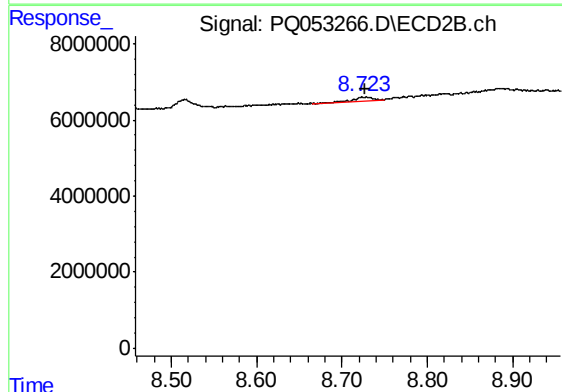
R.T.: 8.515 min
Delta R.T.: -0.004 min
Response: 3673580
Conc: 1.48 ng/ml



#43 AR-1268-3

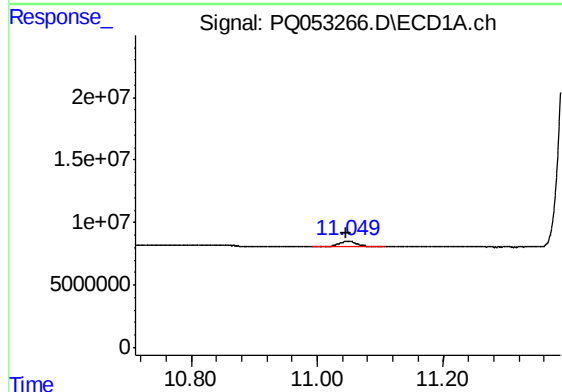
R.T.: 0.000 min
Exp R.T. : 10.129 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
AR12483015



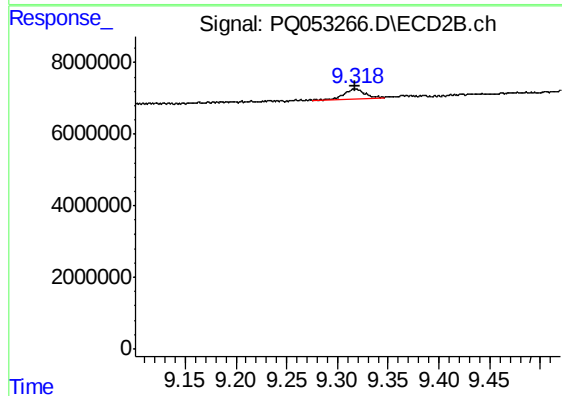
#43 AR-1268-3

R.T.: 8.724 min
Delta R.T.: -0.003 min
Response: 1968549
Conc: 0.91 ng/ml



#45 AR-1268-5

R.T.: 11.049 min
Delta R.T.: 0.002 min
Response: 7989080
Conc: 0.62 ng/ml



#45 AR-1268-5

R.T.: 9.317 min
Delta R.T.: 0.000 min
Response: 3984764
Conc: 0.64 ng/ml