

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ040521\
 Data File : PQ052855.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 05 Apr 2021 10:20
 Operator : DD\AJ
 Sample : AR1242CCC400
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :
 AR1242377

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 06 01:59:27 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ031721CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Thu Mar 18 06:24:02 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...	5.227	4.245	590.2E6	233.9E6	25.612	24.454
2)	SA Decachlor...	11.415	9.582	970.9E6	417.0E6	39.263	42.141
Target Compounds							
3)	L1 AR-1016-1	6.549	5.500	272.9E6	115.5E6	317.999	297.925
4)	L1 AR-1016-2	6.574	5.520	409.9E6	165.7E6	321.165	298.572
5)	L1 AR-1016-3	6.641	5.713	246.9E6	84529453	325.789	297.277
6)	L1 AR-1016-4	6.749	5.763	204.6E6	63664139	321.499	283.663
7)	L1 AR-1016-5	7.062	5.993	196.7E6	87633801	322.768	305.503
8)	L2 AR-1221-1	5.471	4.498	27961782	13655253	114.860	127.742
9)	L2 AR-1221-2	5.576	4.600	34715962	15203109	204.510	203.417
10)	L2 AR-1221-3	5.664	4.688	145.4E6	58701542	252.021	231.271
11)	L3 AR-1232-1	5.664	4.688	145.4E6	58701542	310.081	280.324
12)	L3 AR-1232-2	6.255	5.520	198.5E6	165.7E6	785.084	710.071
13)	L3 AR-1232-3	6.574	5.713	409.9E6	84529453	761.752	722.315
14)	L3 AR-1232-4	6.749	5.808	204.6E6	80581332	763.515	810.996
15)	L3 AR-1232-5	6.843	5.993	165.4E6	87633801	842.546	793.584
16)	L4 AR-1242-1	6.549	5.500	272.9E6	115.5E6	342.312	326.919
17)	L4 AR-1242-2	6.574	5.520	409.9E6	165.7E6	348.316	330.611
18)	L4 AR-1242-3	6.641	5.713	246.9E6	84529453	349.505	325.225
19)	L4 AR-1242-4	6.749	5.808	204.6E6	80581332	348.209	328.203
20)	L4 AR-1242-5	7.530	6.372	213.7E6	108.6E6	318.901	312.547
21)	L5 AR-1248-1	6.549	5.500	272.9E6	115.5E6	497.185	472.213
22)	L5 AR-1248-2	6.843	5.763	165.4E6	63664139	212.406	191.860
23)	L5 AR-1248-3	7.062	5.808	196.7E6	80581332	220.614	234.557
24)	L5 AR-1248-4	7.490	5.993	200.4E6	87633801	187.344	211.495
25)	L5 AR-1248-5	7.530	6.416	213.7E6	88930765	201.029	199.311
26)	L6 AR-1254-1	7.460	6.372	151.8E6	108.6E6	111.710	121.082
27)	L6 AR-1254-2	7.696	6.531	174.0E6	25234332	81.538	31.855 #
28)	L6 AR-1254-3	8.071	6.952	68771297	32280695	29.340	24.890
29)	L6 AR-1254-4	8.366	7.191	50430793	29363753	29.195	32.998
30)	L6 AR-1254-5	8.794	7.620	13525516	8363309	7.372	6.991
31)	L7 AR-1260-1	8.234	7.100	7866883	13128604	7.301	22.710 #
32)	L7 AR-1260-2	8.495	7.284	14508775	5924372	11.041	7.428 #
33)	L7 AR-1260-3	8.857	7.438	2898415	4047850	2.887	6.141 #
34)	L7 AR-1260-4	9.104	7.960f	5544990	2354371	4.852	4.175
35)	L7 AR-1260-5	0.000	8.145	0	1042158	N.D.	0.681 #
36)	L8 AR-1262-1	8.857	7.620	2898415	8363309	1.597	16.605 #
37)	L8 AR-1262-2	0.000	8.145	0	1042158	N.D.	0.501 #
38)	L8 AR-1262-3	0.000	8.522f	0	4045090	N.D.	5.004 #
39)	L8 AR-1262-4	0.000	8.522	0	4045090	N.D.	2.902 #
41)	L9 AR-1268-1	0.000	8.522f	0	4045090	N.D.	1.706 #
42)	L9 AR-1268-2	0.000	8.522	0	4045090	N.D.	1.990 #
43)	L9 AR-1268-3	10.133	0.000	1887447	0	0.591	N.D. #

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ040521\
 Data File : PQ052855.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 05 Apr 2021 10:20
 Operator : DD\AJ
 Sample : AR1242CCC400
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

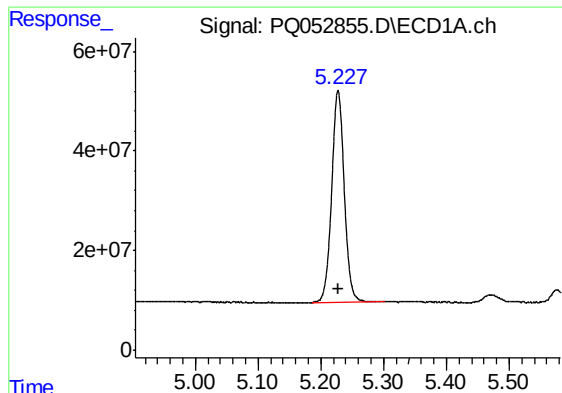
Instrument :
 ECD_Q
 ClientSampleId :
 AR1242377

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 06 01:59:27 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ031721CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Thu Mar 18 06:24:02 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
45) L9	AR-1268-5	11.051	9.319	7619275	2546176	0.711	0.528 #

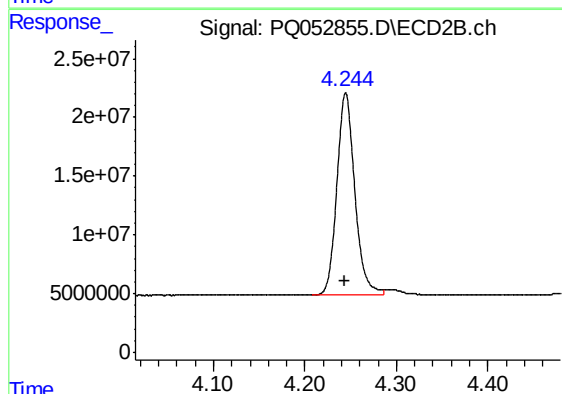
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

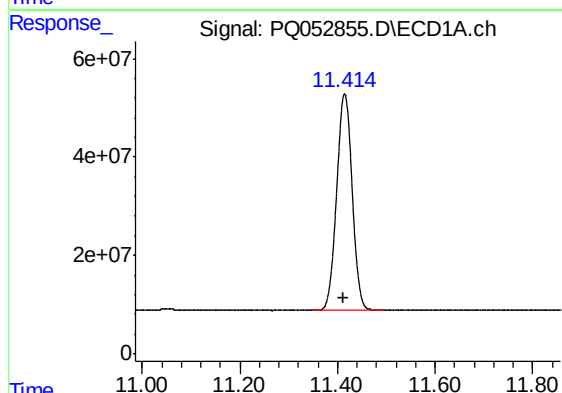
R.T.: 5.227 min
Delta R.T.: 0.000 min
Response: 590245098
Conc: 25.61 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1242377



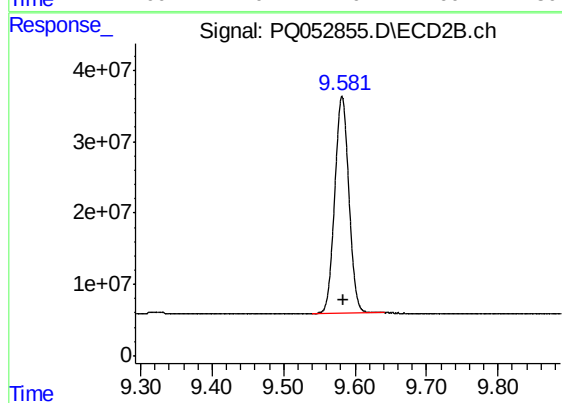
#1 Tetrachloro-m-xylene

R.T.: 4.245 min
Delta R.T.: 0.000 min
Response: 233891466
Conc: 24.45 ng/ml



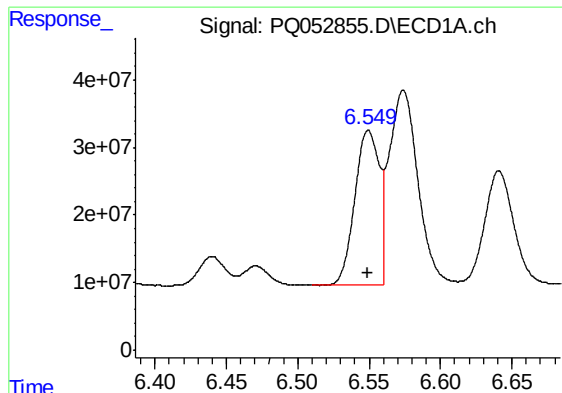
#2 Decachlorobiphenyl

R.T.: 11.415 min
Delta R.T.: 0.002 min
Response: 970917280
Conc: 39.26 ng/ml



#2 Decachlorobiphenyl

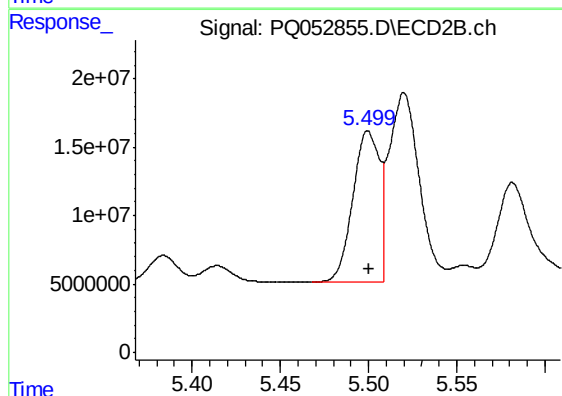
R.T.: 9.582 min
Delta R.T.: -0.001 min
Response: 417037883
Conc: 42.14 ng/ml



#3 AR-1016-1

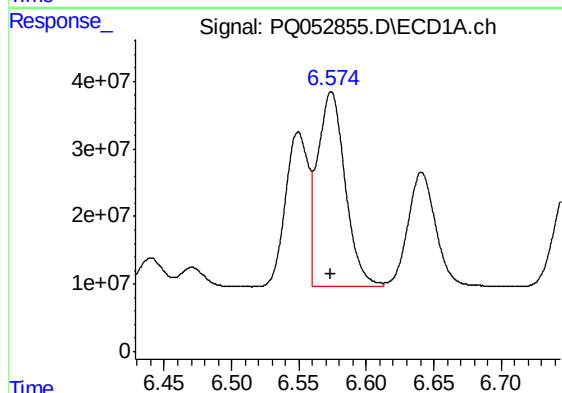
R.T.: 6.549 min
Delta R.T.: 0.000 min
Response: 272852209
Conc: 318.00 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1242377



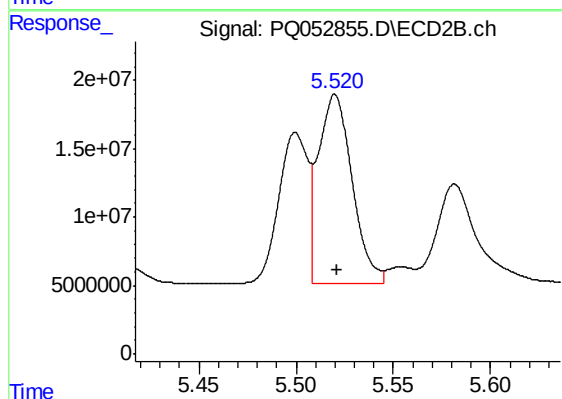
#3 AR-1016-1

R.T.: 5.500 min
Delta R.T.: -0.001 min
Response: 115465814
Conc: 297.92 ng/ml



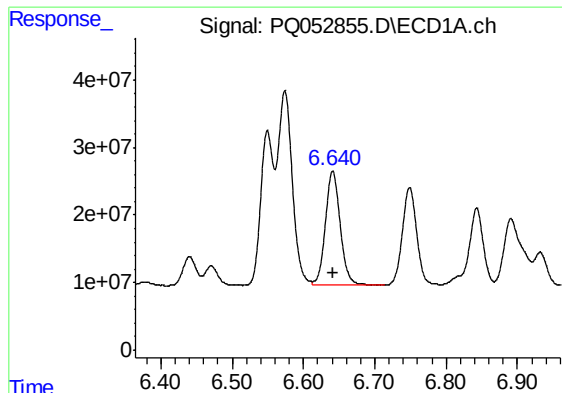
#4 AR-1016-2

R.T.: 6.574 min
Delta R.T.: 0.000 min
Response: 409891880
Conc: 321.17 ng/ml



#4 AR-1016-2

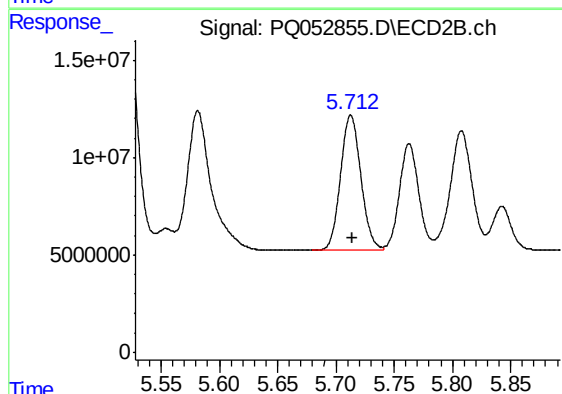
R.T.: 5.520 min
Delta R.T.: 0.000 min
Response: 165653624
Conc: 298.57 ng/ml



#5 AR-1016-3

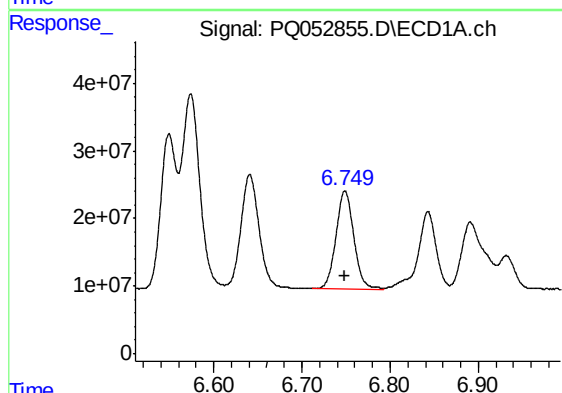
R.T.: 6.641 min
Delta R.T.: 0.000 min
Response: 246926661
Conc: 325.79 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1242377



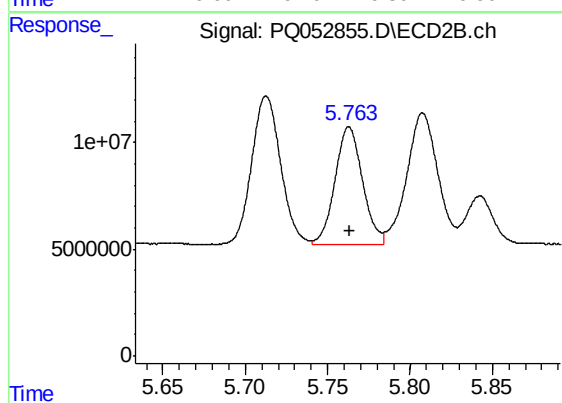
#5 AR-1016-3

R.T.: 5.713 min
Delta R.T.: 0.000 min
Response: 84529453
Conc: 297.28 ng/ml



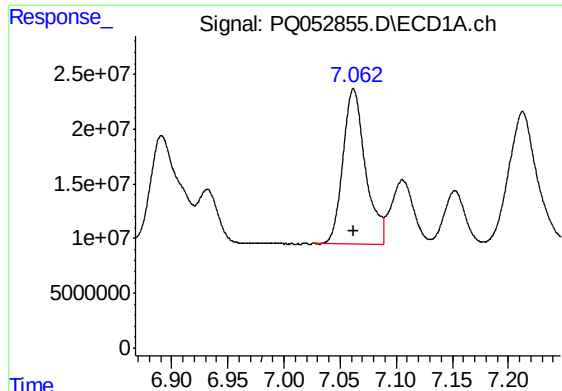
#6 AR-1016-4

R.T.: 6.749 min
Delta R.T.: 0.000 min
Response: 204590992
Conc: 321.50 ng/ml



#6 AR-1016-4

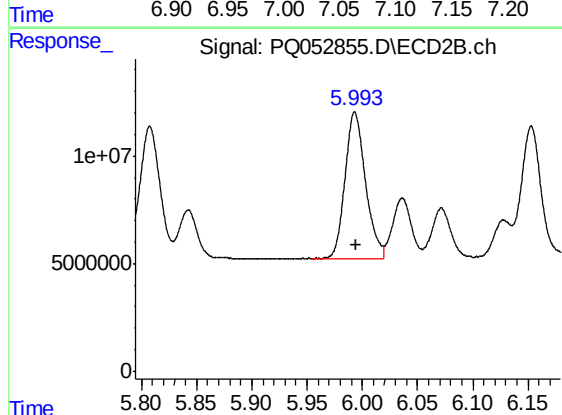
R.T.: 5.763 min
Delta R.T.: 0.000 min
Response: 63664139
Conc: 283.66 ng/ml



#7 AR-1016-5

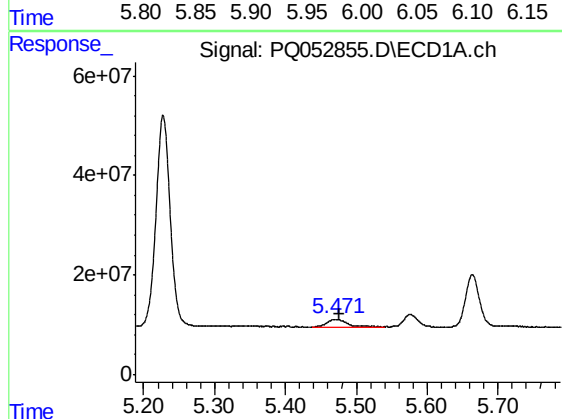
R.T.: 7.062 min
Delta R.T.: 0.000 min
Response: 196709277
Conc: 322.77 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1242377



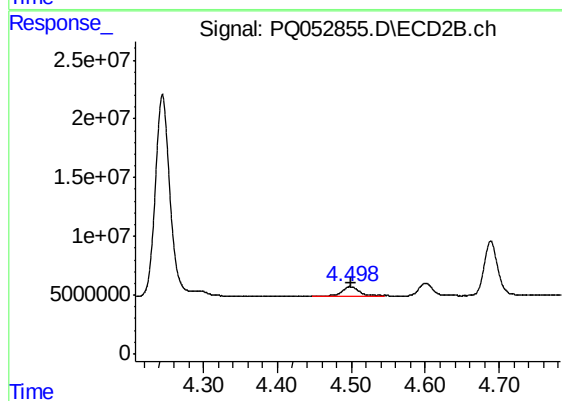
#7 AR-1016-5

R.T.: 5.993 min
Delta R.T.: 0.000 min
Response: 87633801
Conc: 305.50 ng/ml



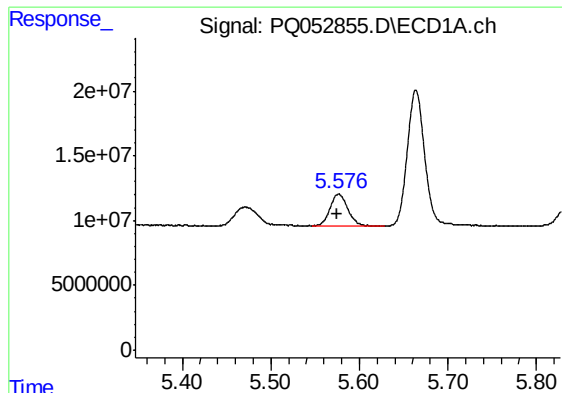
#8 AR-1221-1

R.T.: 5.471 min
Delta R.T.: -0.005 min
Response: 27961782
Conc: 114.86 ng/ml



#8 AR-1221-1

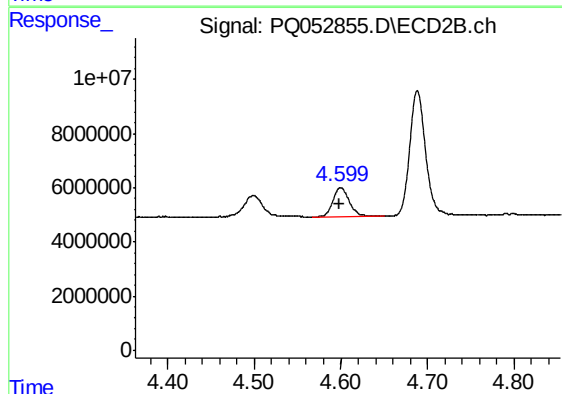
R.T.: 4.498 min
Delta R.T.: -0.002 min
Response: 13655253
Conc: 127.74 ng/ml



#9 AR-1221-2

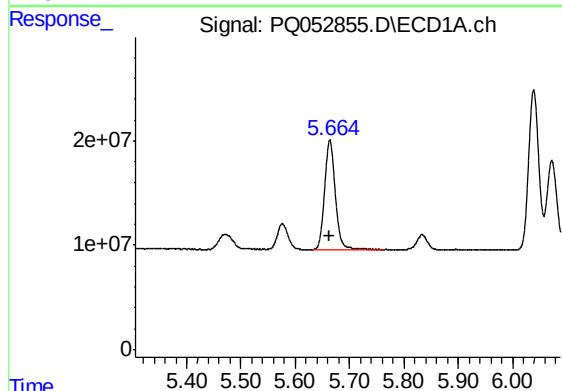
R.T.: 5.576 min
Delta R.T.: 0.001 min
Response: 34715962
Conc: 204.51 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1242377



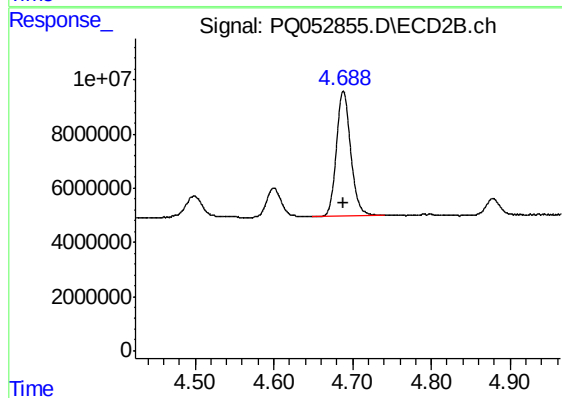
#9 AR-1221-2

R.T.: 4.600 min
Delta R.T.: 0.000 min
Response: 15203109
Conc: 203.42 ng/ml



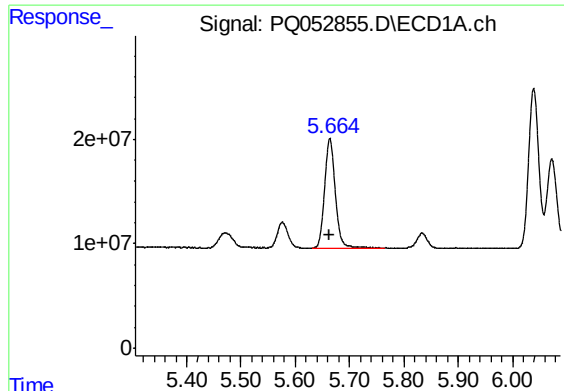
#10 AR-1221-3

R.T.: 5.664 min
Delta R.T.: 0.000 min
Response: 145411476
Conc: 252.02 ng/ml



#10 AR-1221-3

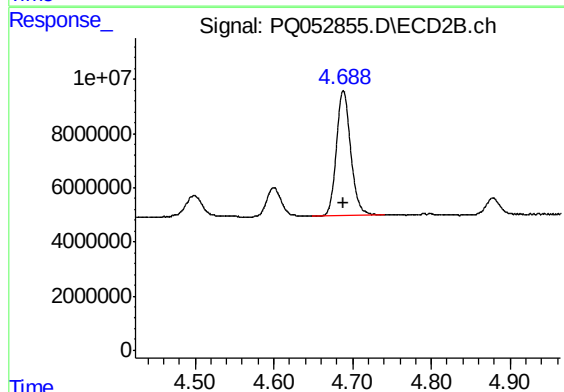
R.T.: 4.688 min
Delta R.T.: 0.000 min
Response: 58701542
Conc: 231.27 ng/ml



#11 AR-1232-1

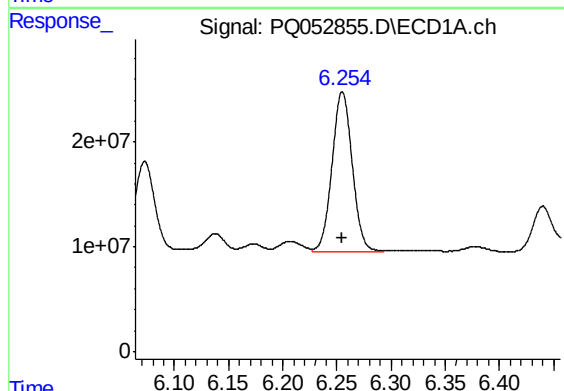
R.T.: 5.664 min
Delta R.T.: 0.000 min
Response: 145411476
Conc: 310.08 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1242377



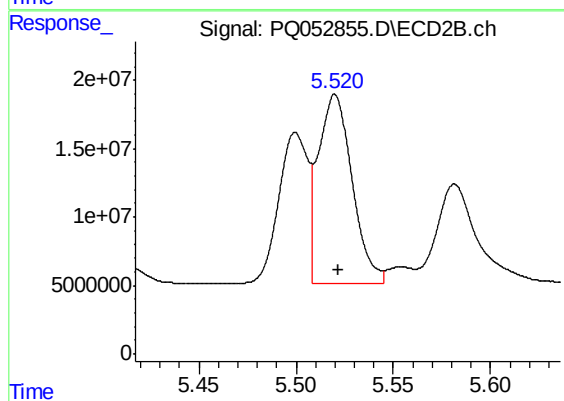
#11 AR-1232-1

R.T.: 4.688 min
Delta R.T.: 0.000 min
Response: 58701542
Conc: 280.32 ng/ml



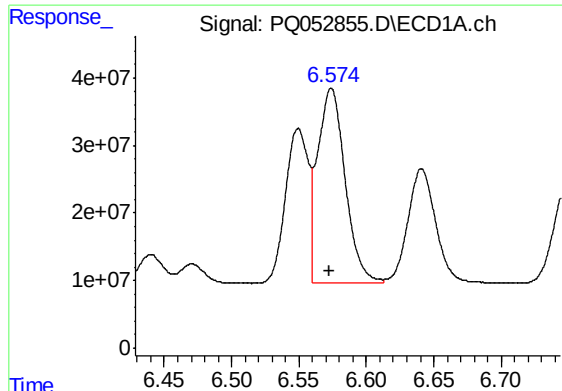
#12 AR-1232-2

R.T.: 6.255 min
Delta R.T.: 0.000 min
Response: 198544308
Conc: 785.08 ng/ml



#12 AR-1232-2

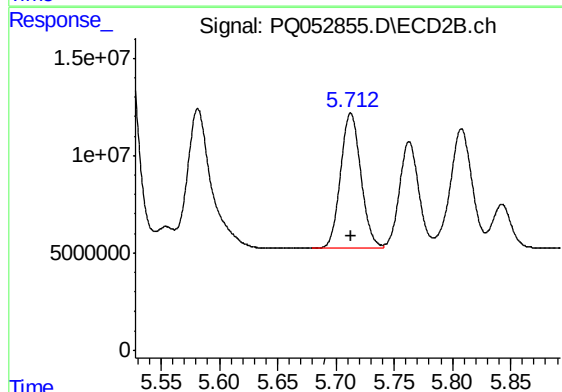
R.T.: 5.520 min
Delta R.T.: -0.002 min
Response: 165653624
Conc: 710.07 ng/ml



#13 AR-1232-3

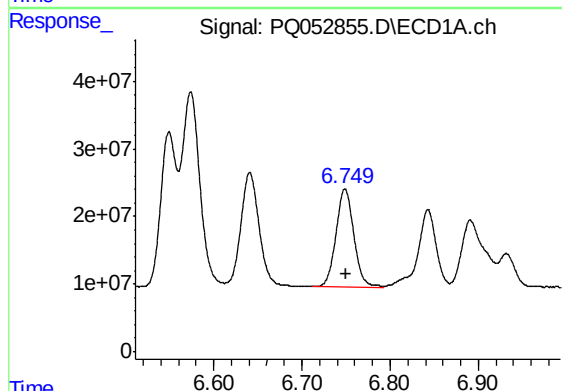
R.T.: 6.574 min
Delta R.T.: 0.001 min
Response: 409891880
Conc: 761.75 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1242377



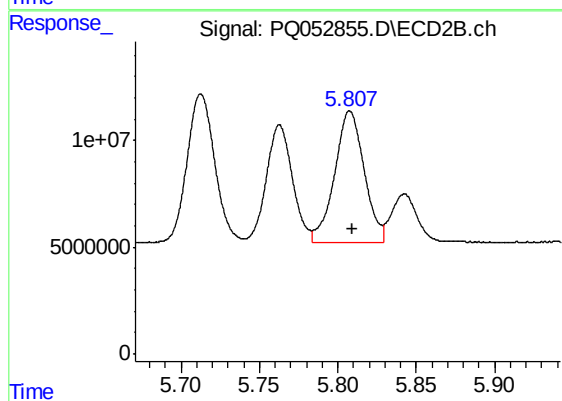
#13 AR-1232-3

R.T.: 5.713 min
Delta R.T.: 0.000 min
Response: 84529453
Conc: 722.32 ng/ml



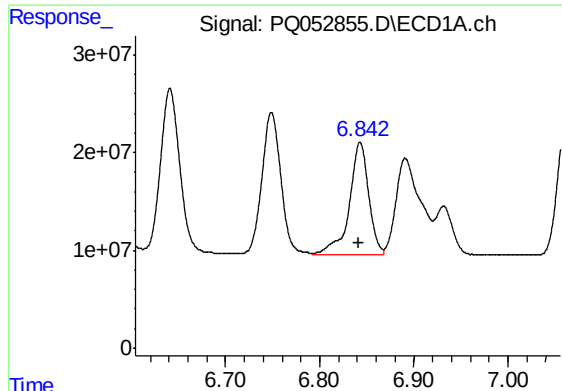
#14 AR-1232-4

R.T.: 6.749 min
Delta R.T.: 0.000 min
Response: 204590992
Conc: 763.51 ng/ml



#14 AR-1232-4

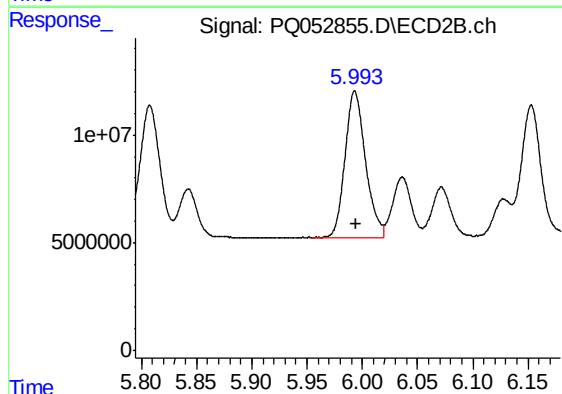
R.T.: 5.808 min
Delta R.T.: -0.002 min
Response: 80581332
Conc: 811.00 ng/ml



#15 AR-1232-5

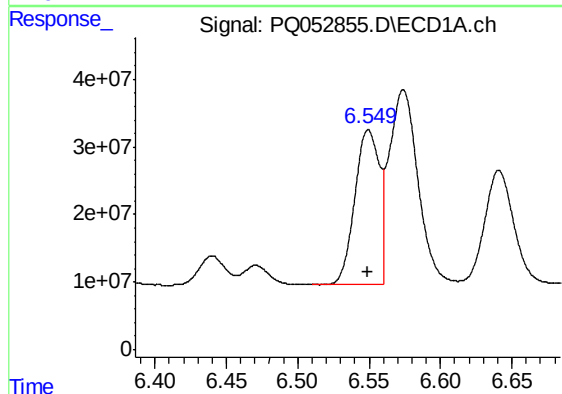
R.T.: 6.843 min
Delta R.T.: 0.000 min
Response: 165440100
Conc: 842.55 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1242377



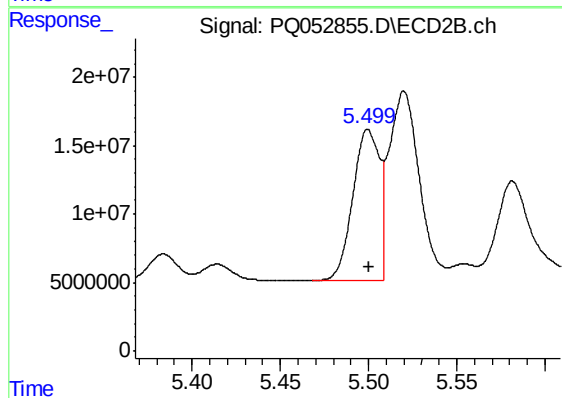
#15 AR-1232-5

R.T.: 5.993 min
Delta R.T.: 0.000 min
Response: 87633801
Conc: 793.58 ng/ml



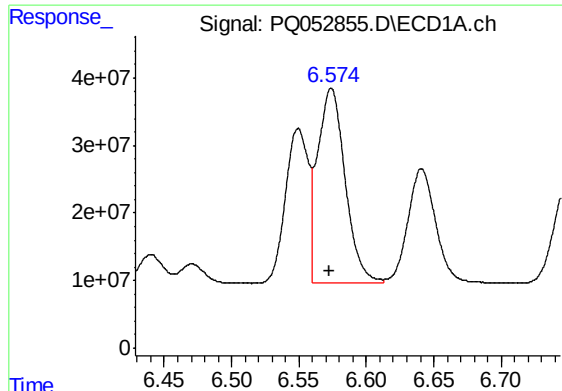
#16 AR-1242-1

R.T.: 6.549 min
Delta R.T.: 0.000 min
Response: 272852209
Conc: 342.31 ng/ml



#16 AR-1242-1

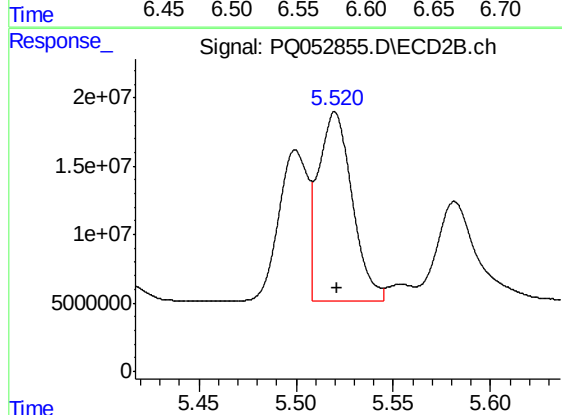
R.T.: 5.500 min
Delta R.T.: 0.000 min
Response: 115465814
Conc: 326.92 ng/ml



#17 AR-1242-2

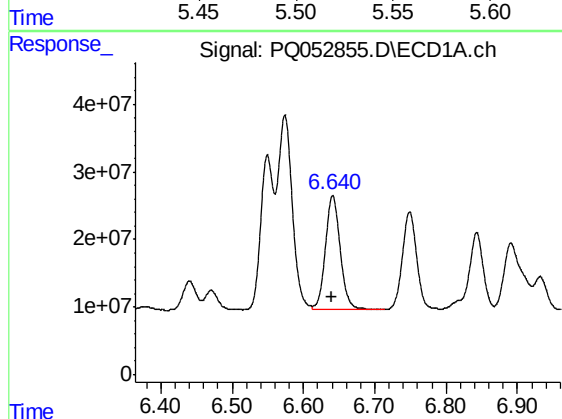
R.T.: 6.574 min
Delta R.T.: 0.001 min
Response: 409891880
Conc: 348.32 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1242377



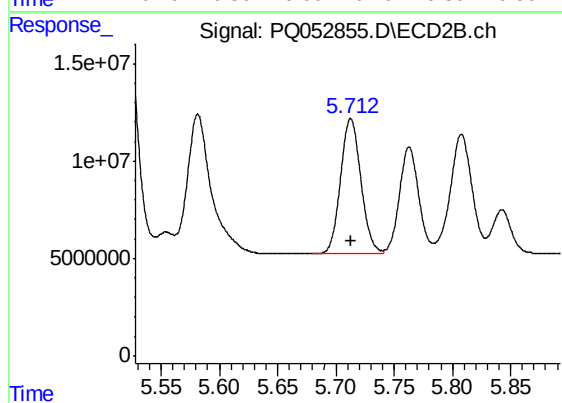
#17 AR-1242-2

R.T.: 5.520 min
Delta R.T.: 0.000 min
Response: 165653624
Conc: 330.61 ng/ml



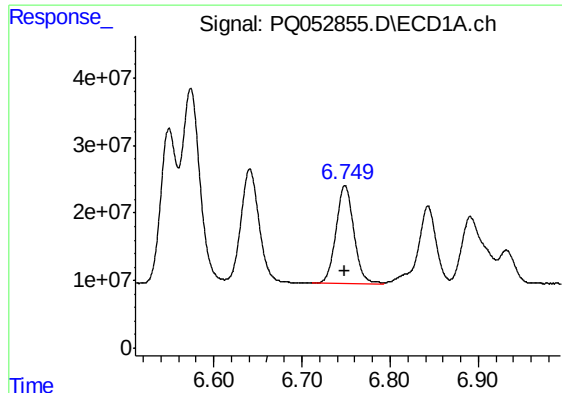
#18 AR-1242-3

R.T.: 6.641 min
Delta R.T.: 0.000 min
Response: 246926661
Conc: 349.51 ng/ml



#18 AR-1242-3

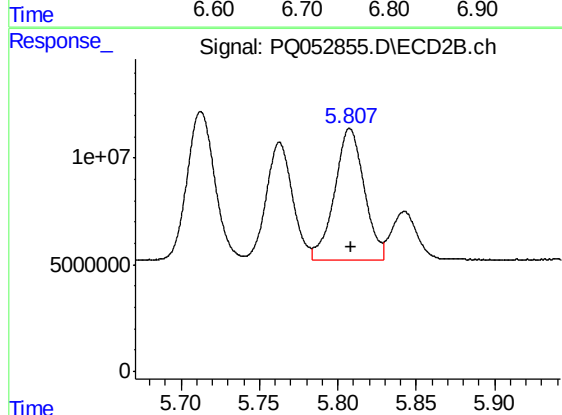
R.T.: 5.713 min
Delta R.T.: 0.000 min
Response: 84529453
Conc: 325.22 ng/ml



#19 AR-1242-4

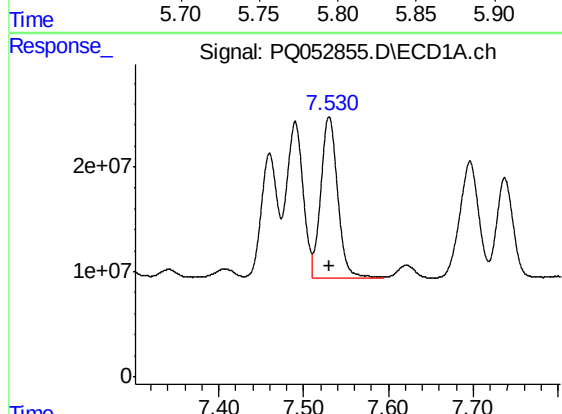
R.T.: 6.749 min
Delta R.T.: 0.000 min
Response: 204590992
Conc: 348.21 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1242377



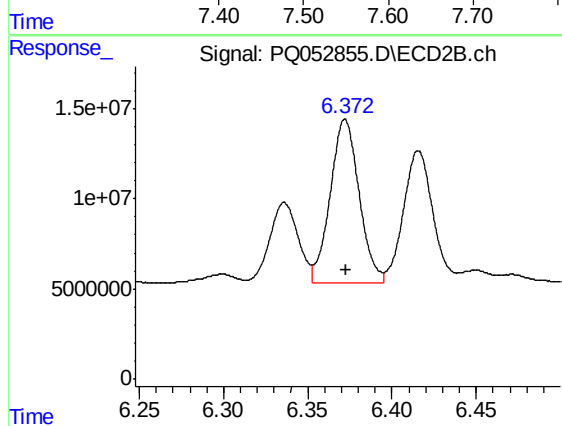
#19 AR-1242-4

R.T.: 5.808 min
Delta R.T.: 0.000 min
Response: 80581332
Conc: 328.20 ng/ml



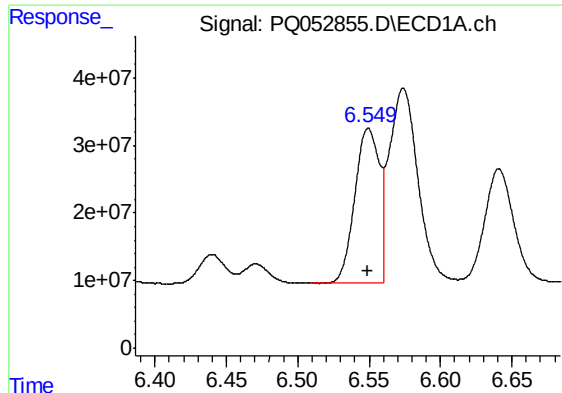
#20 AR-1242-5

R.T.: 7.530 min
Delta R.T.: 0.000 min
Response: 213659597
Conc: 318.90 ng/ml



#20 AR-1242-5

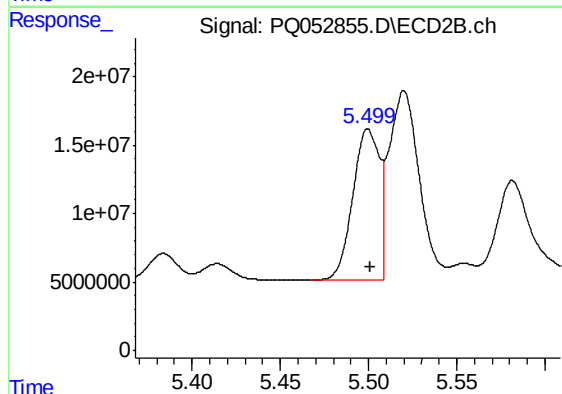
R.T.: 6.372 min
Delta R.T.: 0.000 min
Response: 108587940
Conc: 312.55 ng/ml



#21 AR-1248-1

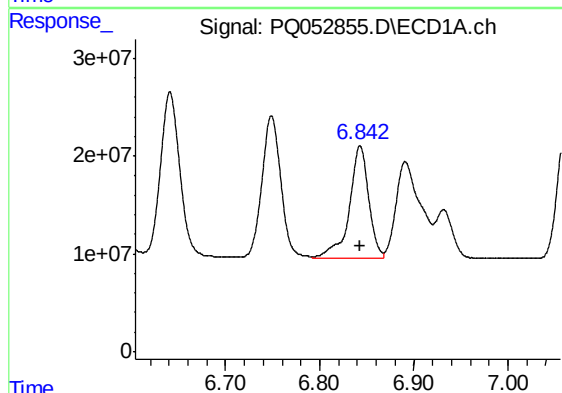
R.T.: 6.549 min
Delta R.T.: 0.000 min
Response: 272852209
Conc: 497.19 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1242377



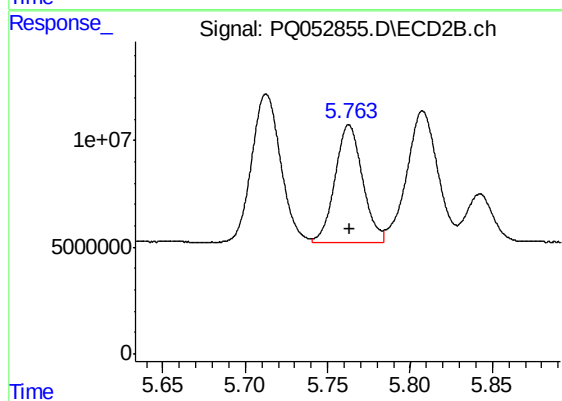
#21 AR-1248-1

R.T.: 5.500 min
Delta R.T.: -0.001 min
Response: 115465814
Conc: 472.21 ng/ml



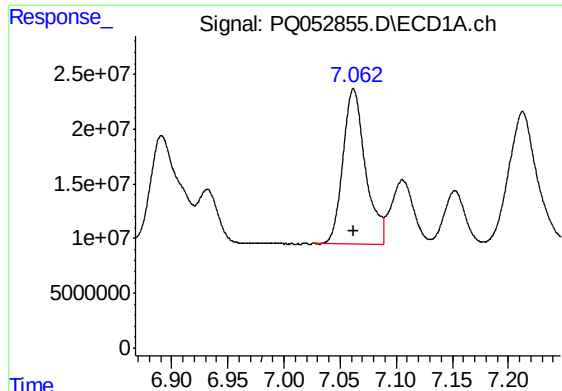
#22 AR-1248-2

R.T.: 6.843 min
Delta R.T.: 0.000 min
Response: 165440100
Conc: 212.41 ng/ml



#22 AR-1248-2

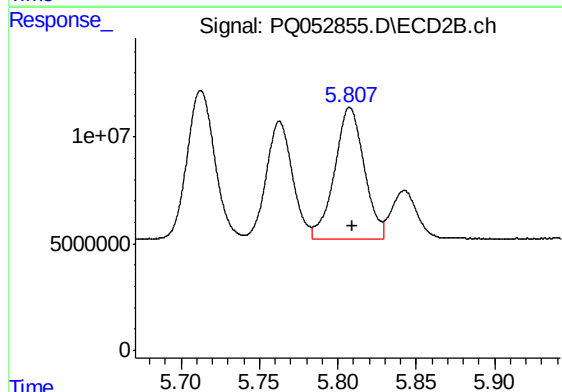
R.T.: 5.763 min
Delta R.T.: 0.000 min
Response: 63664139
Conc: 191.86 ng/ml



#23 AR-1248-3

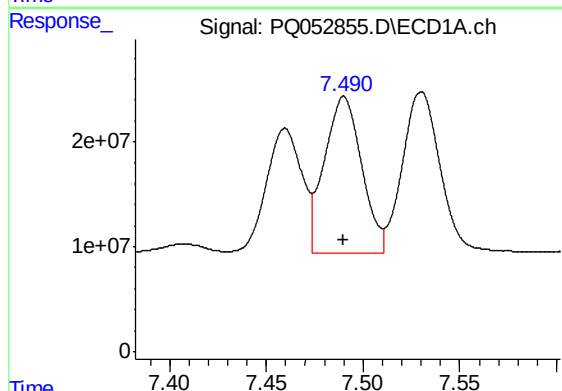
R.T.: 7.062 min
Delta R.T.: 0.000 min
Response: 196709277
Conc: 220.61 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1242377



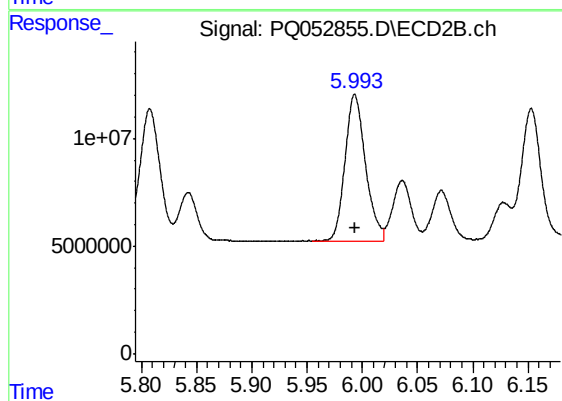
#23 AR-1248-3

R.T.: 5.808 min
Delta R.T.: -0.002 min
Response: 80581332
Conc: 234.56 ng/ml



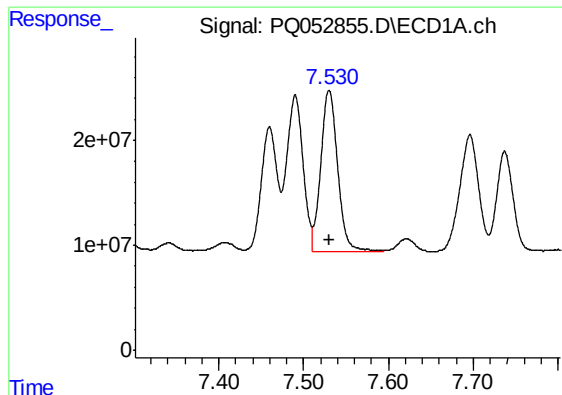
#24 AR-1248-4

R.T.: 7.490 min
Delta R.T.: 0.000 min
Response: 200409576
Conc: 187.34 ng/ml



#24 AR-1248-4

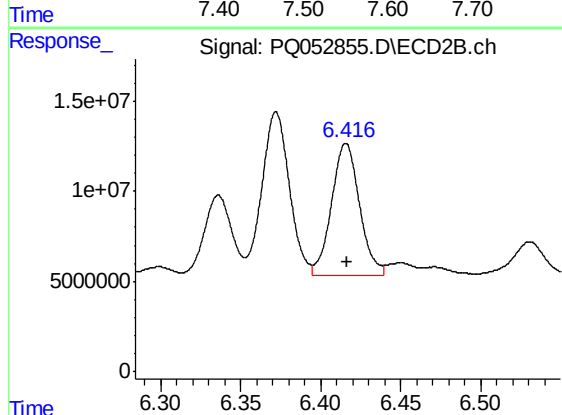
R.T.: 5.993 min
Delta R.T.: 0.000 min
Response: 87633801
Conc: 211.50 ng/ml



#25 AR-1248-5

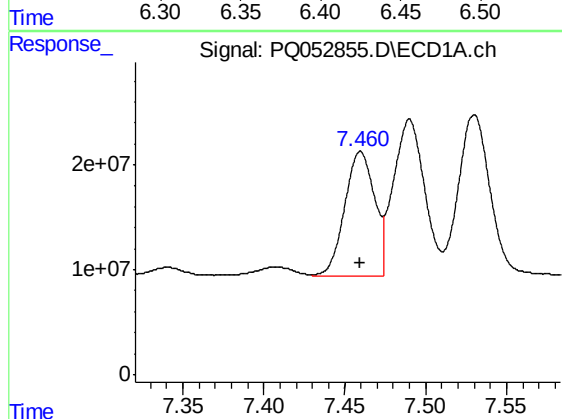
R.T.: 7.530 min
Delta R.T.: 0.000 min
Response: 213659597
Conc: 201.03 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1242377



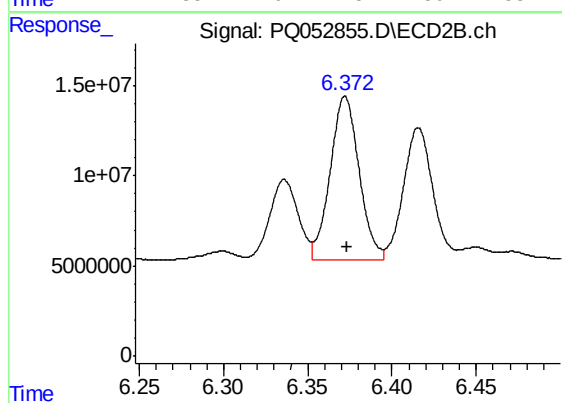
#25 AR-1248-5

R.T.: 6.416 min
Delta R.T.: -0.001 min
Response: 88930765
Conc: 199.31 ng/ml



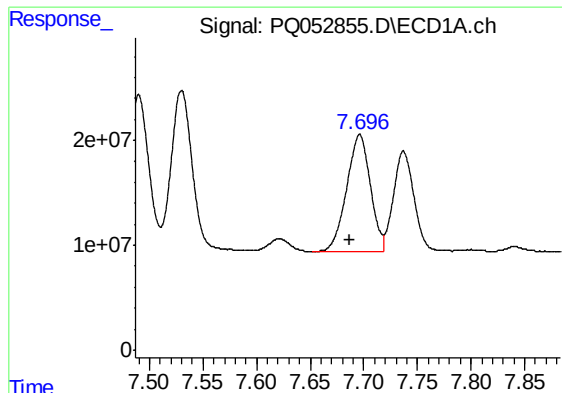
#26 AR-1254-1

R.T.: 7.460 min
Delta R.T.: 0.000 min
Response: 151796865
Conc: 111.71 ng/ml



#26 AR-1254-1

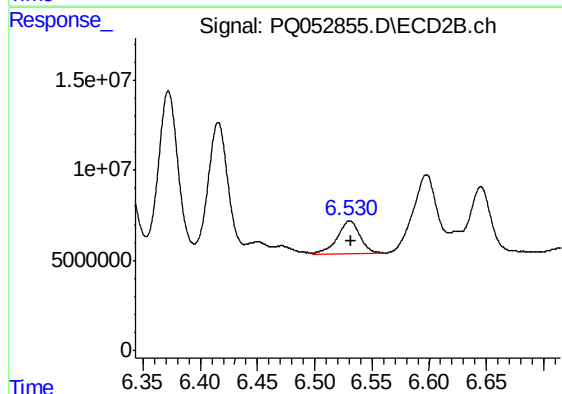
R.T.: 6.372 min
Delta R.T.: -0.001 min
Response: 108587940
Conc: 121.08 ng/ml



#27 AR-1254-2

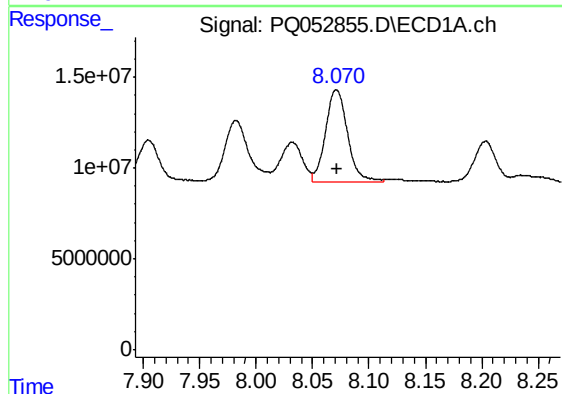
R.T.: 7.696 min
Delta R.T.: 0.009 min
Response: 174027358
Conc: 81.54 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1242377



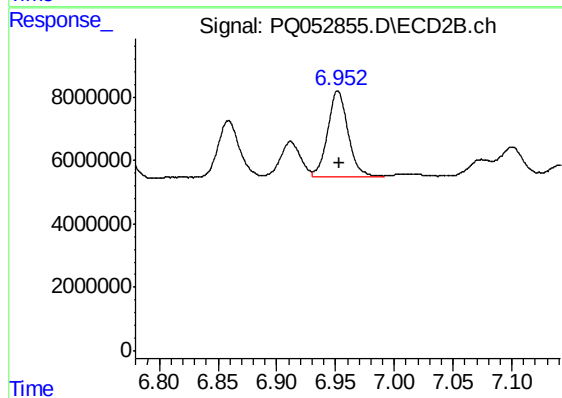
#27 AR-1254-2

R.T.: 6.531 min
Delta R.T.: -0.001 min
Response: 25234332
Conc: 31.86 ng/ml



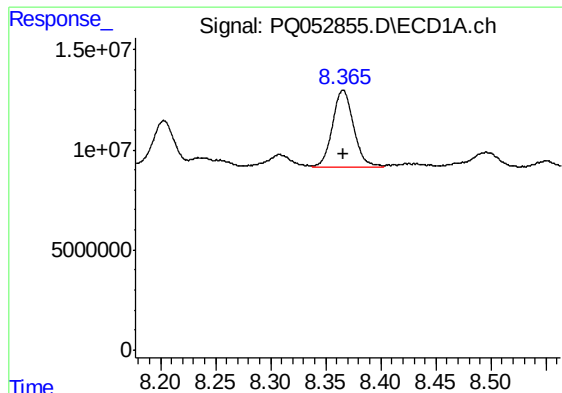
#28 AR-1254-3

R.T.: 8.071 min
Delta R.T.: 0.000 min
Response: 68771297
Conc: 29.34 ng/ml



#28 AR-1254-3

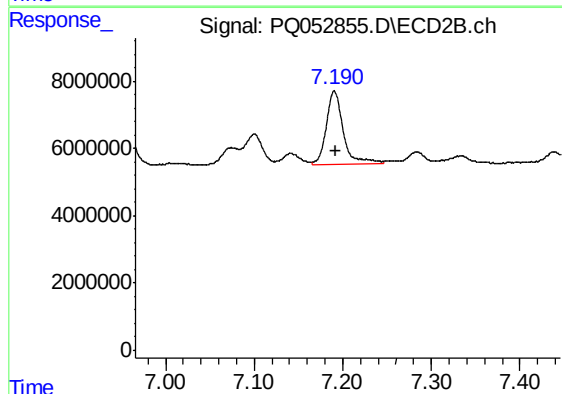
R.T.: 6.952 min
Delta R.T.: -0.002 min
Response: 32280695
Conc: 24.89 ng/ml



#29 AR-1254-4

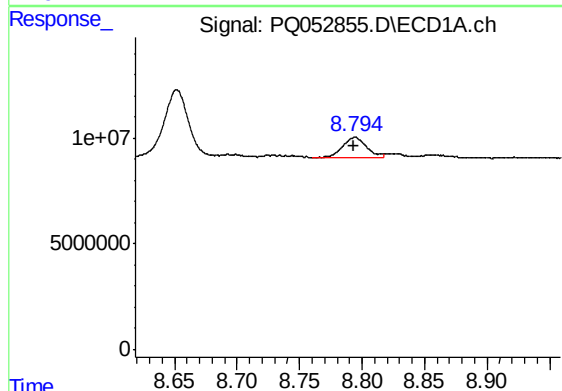
R.T.: 8.366 min
Delta R.T.: 0.000 min
Response: 50430793
Conc: 29.20 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1242377



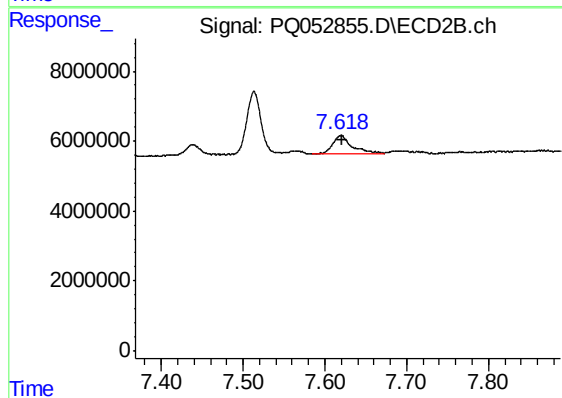
#29 AR-1254-4

R.T.: 7.191 min
Delta R.T.: -0.001 min
Response: 29363753
Conc: 33.00 ng/ml



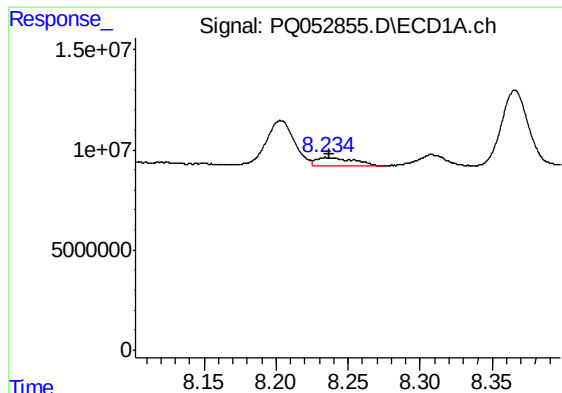
#30 AR-1254-5

R.T.: 8.794 min
Delta R.T.: 0.000 min
Response: 13525516
Conc: 7.37 ng/ml



#30 AR-1254-5

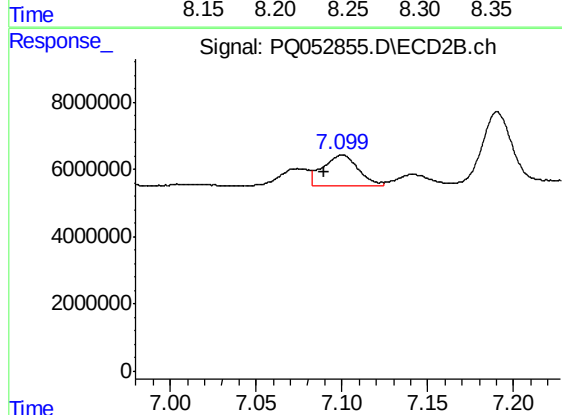
R.T.: 7.620 min
Delta R.T.: 0.000 min
Response: 8363309
Conc: 6.99 ng/ml



#31 AR-1260-1

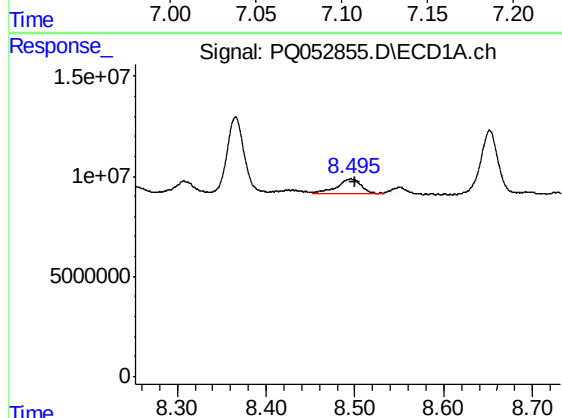
R.T.: 8.234 min
Delta R.T.: -0.003 min
Response: 7866883
Conc: 7.30 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1242377



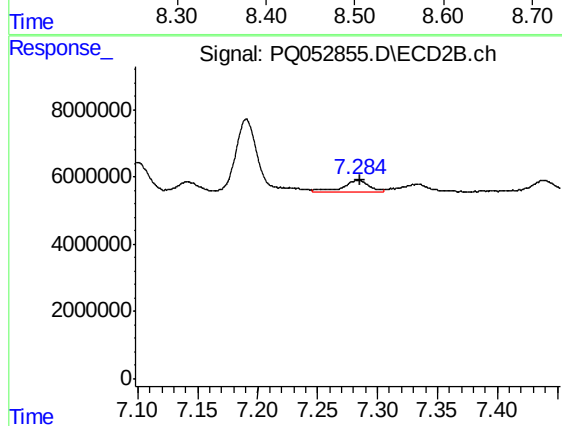
#31 AR-1260-1

R.T.: 7.100 min
Delta R.T.: 0.011 min
Response: 13128604
Conc: 22.71 ng/ml



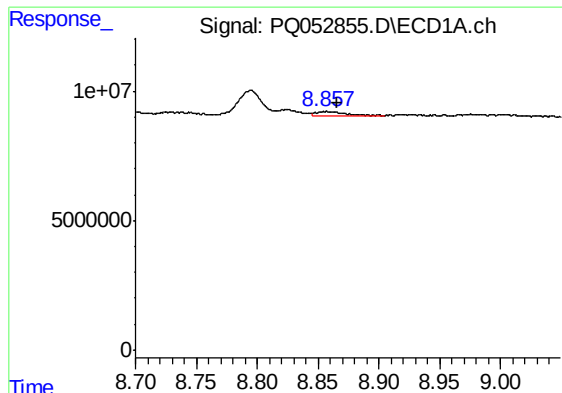
#32 AR-1260-2

R.T.: 8.495 min
Delta R.T.: -0.004 min
Response: 14508775
Conc: 11.04 ng/ml



#32 AR-1260-2

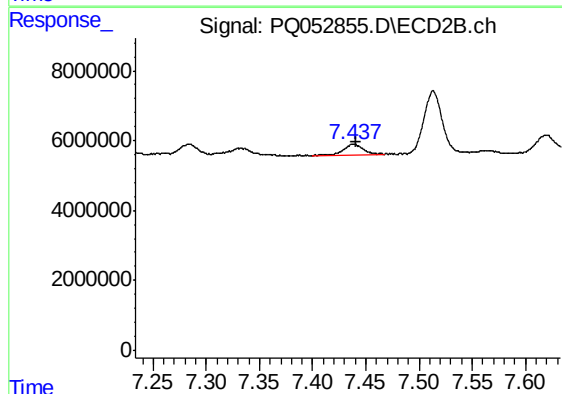
R.T.: 7.284 min
Delta R.T.: 0.000 min
Response: 5924372
Conc: 7.43 ng/ml



#33 AR-1260-3

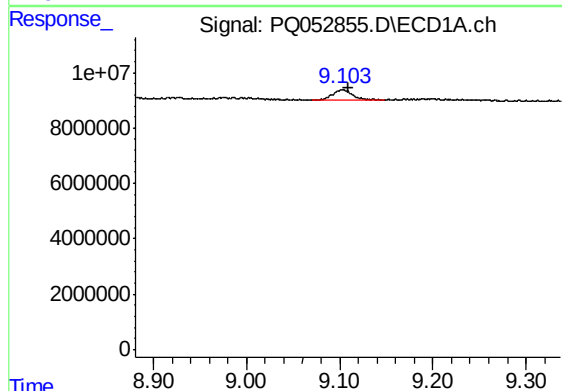
R.T.: 8.857 min
Delta R.T.: -0.009 min
Response: 2898415
Conc: 2.89 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1242377



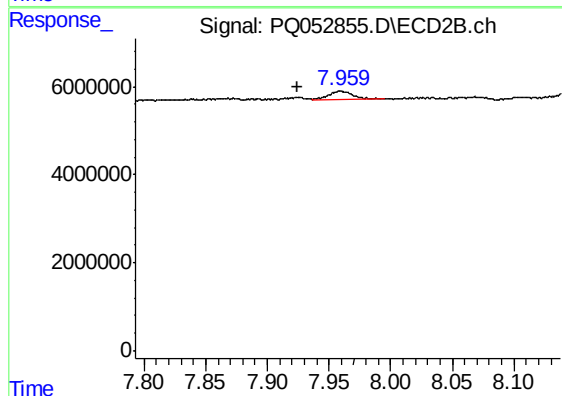
#33 AR-1260-3

R.T.: 7.438 min
Delta R.T.: -0.003 min
Response: 4047850
Conc: 6.14 ng/ml



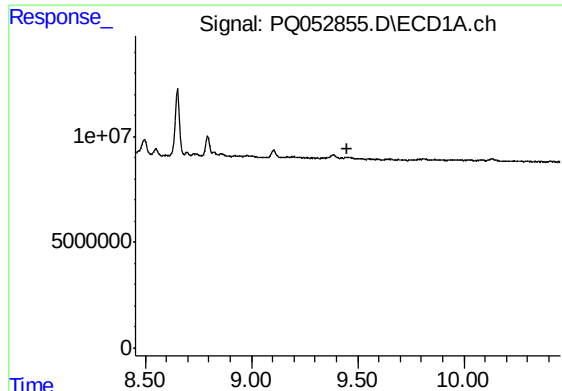
#34 AR-1260-4

R.T.: 9.104 min
Delta R.T.: -0.007 min
Response: 5544990
Conc: 4.85 ng/ml



#34 AR-1260-4

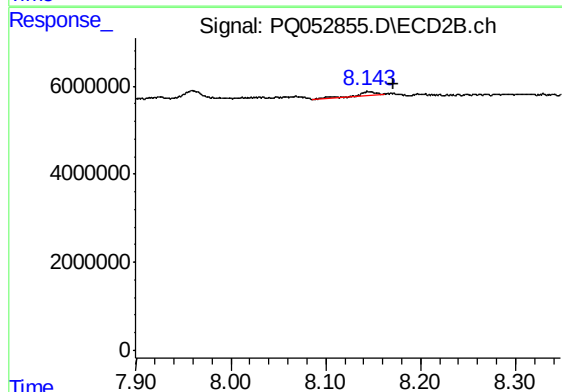
R.T.: 7.960 min
Delta R.T.: 0.035 min
Response: 2354371
Conc: 4.18 ng/ml



#35 AR-1260-5

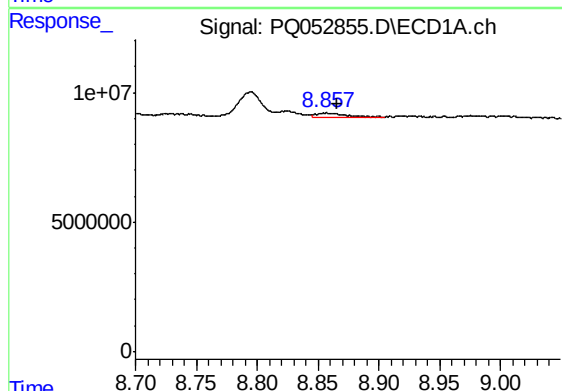
R.T.: 0.000 min
Exp R.T.: 9.454 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
AR1242377



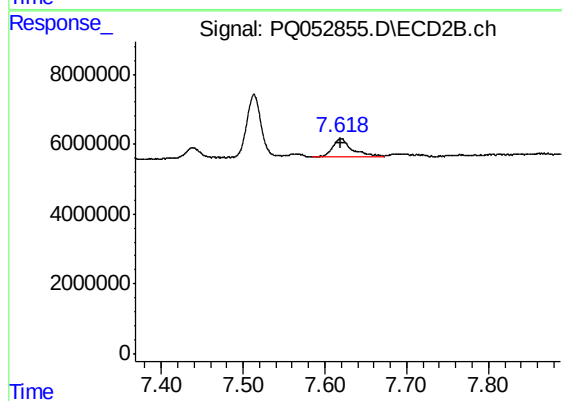
#35 AR-1260-5

R.T.: 8.145 min
Delta R.T.: -0.026 min
Response: 1042158
Conc: 0.68 ng/ml



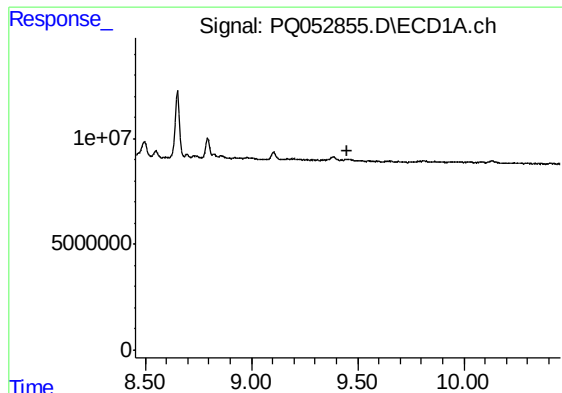
#36 AR-1262-1

R.T.: 8.857 min
Delta R.T.: -0.009 min
Response: 2898415
Conc: 1.60 ng/ml



#36 AR-1262-1

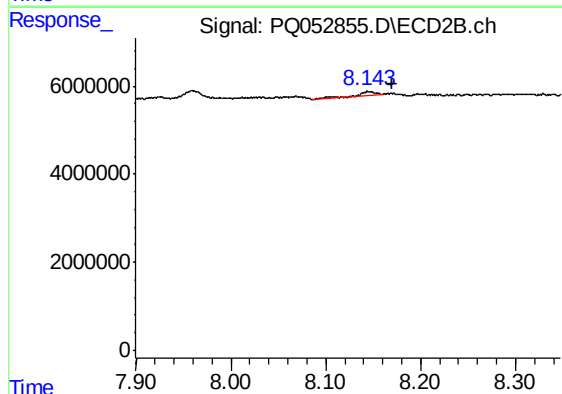
R.T.: 7.620 min
Delta R.T.: 0.000 min
Response: 8363309
Conc: 16.60 ng/ml



#37 AR-1262-2

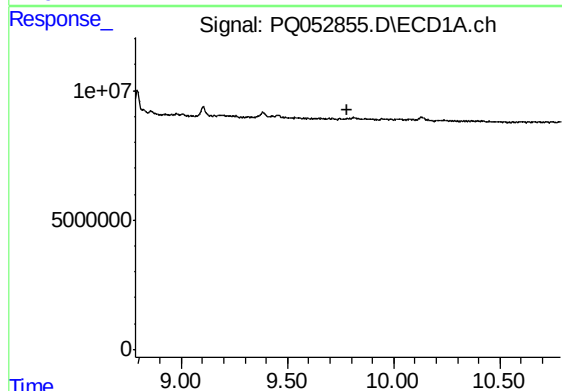
R.T.: 0.000 min
Exp R.T. : 9.454 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
AR1242377



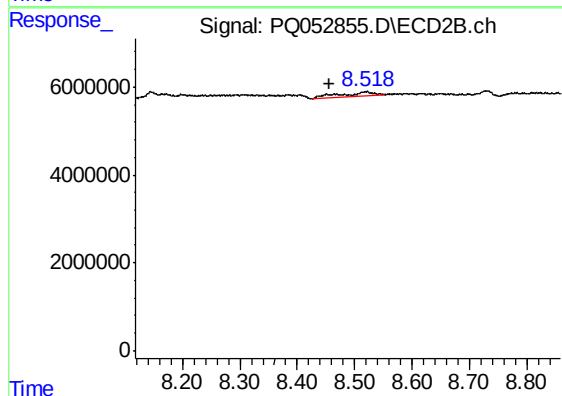
#37 AR-1262-2

R.T.: 8.145 min
Delta R.T.: -0.025 min
Response: 1042158
Conc: 0.50 ng/ml



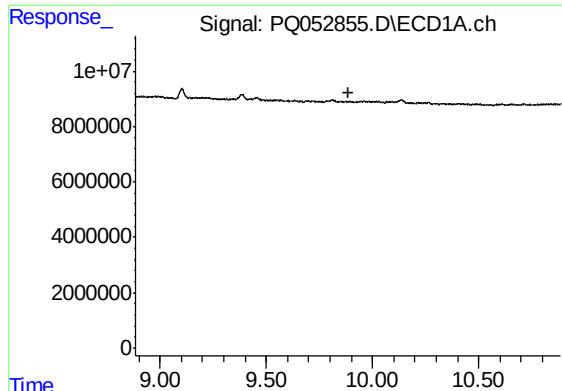
#38 AR-1262-3

R.T.: 0.000 min
Exp R.T. : 9.785 min
Response: 0
Conc: N.D.



#38 AR-1262-3

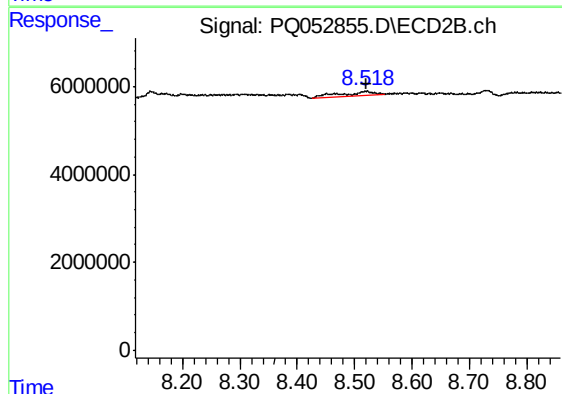
R.T.: 8.522 min
Delta R.T.: 0.065 min
Response: 4045090
Conc: 5.00 ng/ml



#39 AR-1262-4

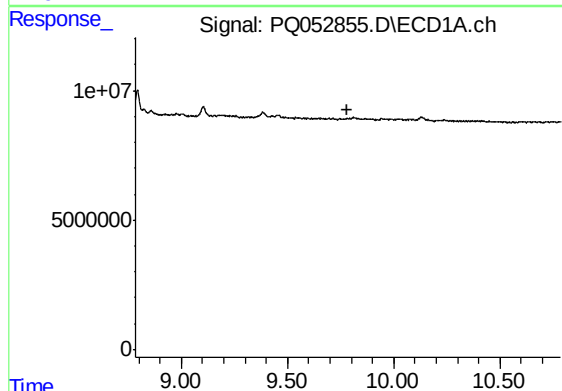
R.T.: 0.000 min
Exp R.T. : 9.884 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
AR1242377



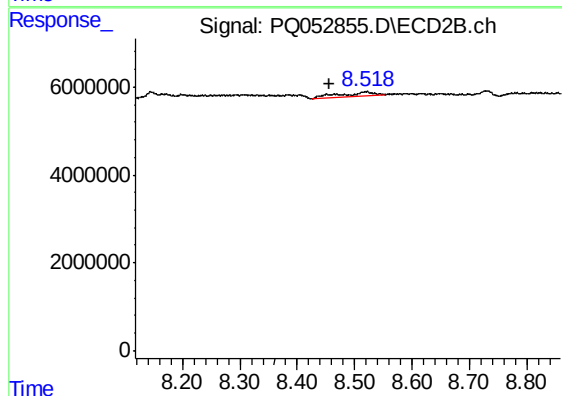
#39 AR-1262-4

R.T.: 8.522 min
Delta R.T.: 0.000 min
Response: 4045090
Conc: 2.90 ng/ml



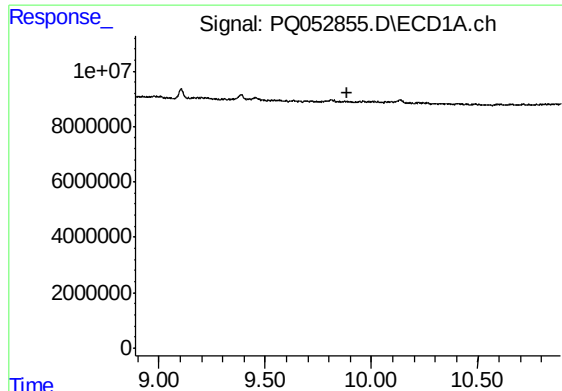
#41 AR-1268-1

R.T.: 0.000 min
Exp R.T. : 9.784 min
Response: 0
Conc: N.D.



#41 AR-1268-1

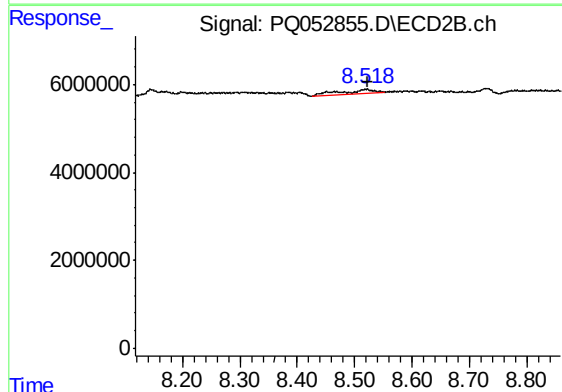
R.T.: 8.522 min
Delta R.T.: 0.065 min
Response: 4045090
Conc: 1.71 ng/ml



#42 AR-1268-2

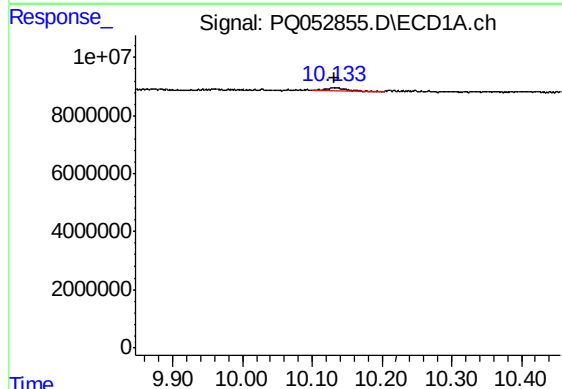
R.T.: 0.000 min
Exp R.T. : 9.889 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
AR1242377



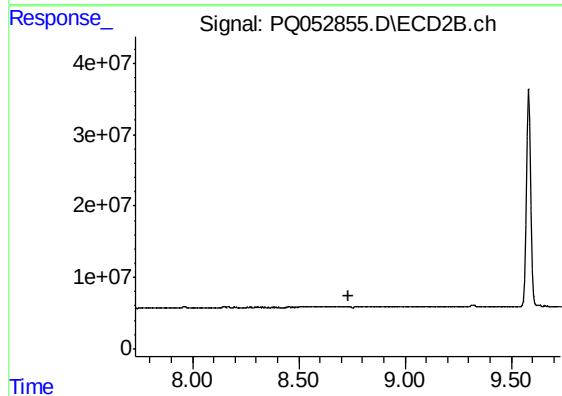
#42 AR-1268-2

R.T.: 8.522 min
Delta R.T.: 0.000 min
Response: 4045090
Conc: 1.99 ng/ml



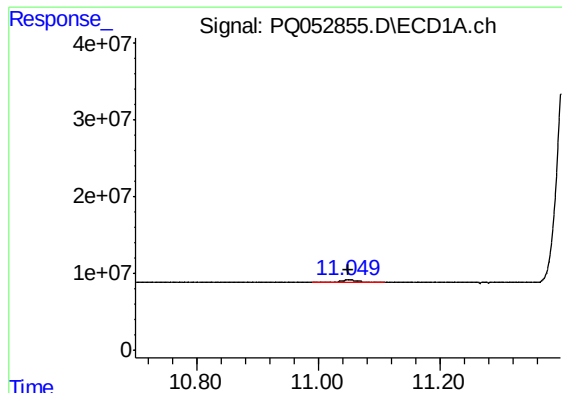
#43 AR-1268-3

R.T.: 10.133 min
Delta R.T.: 0.000 min
Response: 1887447
Conc: 0.59 ng/ml



#43 AR-1268-3

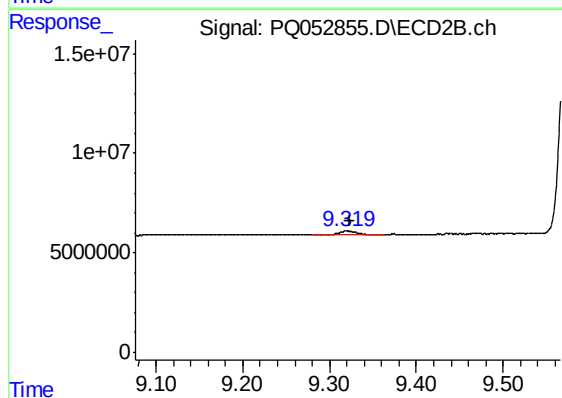
R.T.: 0.000 min
Exp R.T. : 8.732 min
Response: 0
Conc: N.D.



#45 AR-1268-5

R.T.: 11.051 min
Delta R.T.: 0.002 min
Response: 7619275
Conc: 0.71 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1242377



#45 AR-1268-5

R.T.: 9.319 min
Delta R.T.: -0.004 min
Response: 2546176
Conc: 0.53 ng/ml