

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ011621\
 Data File : PQ051757.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 14 Jan 2021 23:15
 Operator : DD\AJ
 Sample : AR1248CCC400
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jan 15 03:15:14 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ122120CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Dec 22 06:18:29 2020
 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...	5.237	4.257	530.9E6	153.3E6	20.590	20.993
2)	SA Decachlor...	11.429	9.601	604.7E6	193.4E6	32.979	31.792
Target Compounds							
3)	L1 AR-1016-1	6.558	5.513	195.3E6	59748861	231.202	233.072
4)	L1 AR-1016-2	6.582	5.535	237.1E6	60585422	191.422	169.241
5)	L1 AR-1016-3	6.649	5.728	109.4E6	38076312	149.494	206.852 #
6)	L1 AR-1016-4	6.755	5.777	128.9E6	80224326	209.758	555.933 #
7)	L1 AR-1016-5	7.071	6.007	316.7E6	82356993	532.355	432.851
8)	L2 AR-1221-1	5.486	4.511	1784370	828848	6.722	10.753 #
9)	L2 AR-1221-2	5.591	4.612	9521918	2391230	52.132	44.714
10)	L2 AR-1221-3	5.673	4.702	16154486	4124828	26.173	22.518
11)	L3 AR-1232-1	5.673	4.702	16154486	4124828	35.093	30.174
12)	L3 AR-1232-2	6.264	5.535	81598508	60585422	330.621	430.807 #
13)	L3 AR-1232-3	6.582	5.728	237.1E6	38076312	468.543	532.090
14)	L3 AR-1232-4	6.755	5.822	128.9E6	83390819	516.249	1356.434 #
15)	L3 AR-1232-5	6.851	6.007	277.7E6	82356993	1565.029	1283.827
16)	L4 AR-1242-1	6.558	5.513	195.3E6	59748861	278.006	284.180
17)	L4 AR-1242-2	6.582	5.535	237.1E6	60585422	230.099	207.620
18)	L4 AR-1242-3	6.649	5.728	109.4E6	38076312	177.931	252.353 #
19)	L4 AR-1242-4	6.755	5.822	128.9E6	83390819	250.853	576.038 #
20)	L4 AR-1242-5	7.538	6.386	363.0E6	148.3E6	658.424	776.184
21)	L5 AR-1248-1	6.558	5.513	195.3E6	59748861	345.301	355.549
22)	L5 AR-1248-2	6.851	5.777	277.7E6	80224326	345.125	354.221
23)	L5 AR-1248-3	7.071	5.822	316.7E6	83390819	341.668	354.625
24)	L5 AR-1248-4	7.498	6.007	360.1E6	82356993	339.359	299.598
25)	L5 AR-1248-5	7.538	6.430	363.0E6	104.1E6	349.812	360.685
26)	L6 AR-1254-1	7.468	6.386	284.2E6	148.3E6	288.941	349.463
27)	L6 AR-1254-2	7.704	6.545	362.3E6	46731597	237.906	127.313 #
28)	L6 AR-1254-3	8.079	6.967	207.6E6	65314478	125.655	107.034
29)	L6 AR-1254-4	8.374	7.205	124.4E6	41412335	104.666	109.653
30)	L6 AR-1254-5	8.802	7.634	27976640	12808397	22.166	24.387
31)	L7 AR-1260-1	8.245	7.115	31859098	27350206	30.760	77.100 #
32)	L7 AR-1260-2	8.503	7.298	32917615	5385393	26.619	12.173 #
33)	L7 AR-1260-3	8.866	7.453	5108661	7376124	5.626	17.800 #
34)	L7 AR-1260-4	9.112	7.941	12473632	585724	11.700	1.689 #
35)	L7 AR-1260-5	9.464	8.183	4499705	2286287	2.021	2.648 #
36)	L8 AR-1262-1	8.866	7.634	5108661	12808397	3.367	44.677 #
37)	L8 AR-1262-2	9.464	8.183	4499705	2286287	1.604	2.242 #
38)	L8 AR-1262-3	9.826	8.468	3141175	582325	2.617	1.548 #
39)	L8 AR-1262-4	0.000	8.534	0	1946837	N.D.	2.655 #
40)	L8 AR-1262-5	0.000	9.037	0	739127	N.D.	2.245 #
41)	L9 AR-1268-1	9.826	8.468	3141175	582325	0.952	0.501 #

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ011621\
Data File : PQ051757.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 14 Jan 2021 23:15
Operator : DD\AJ
Sample : AR1248CCC400
Misc :
ALS Vial : 5 Sample Multiplier: 1

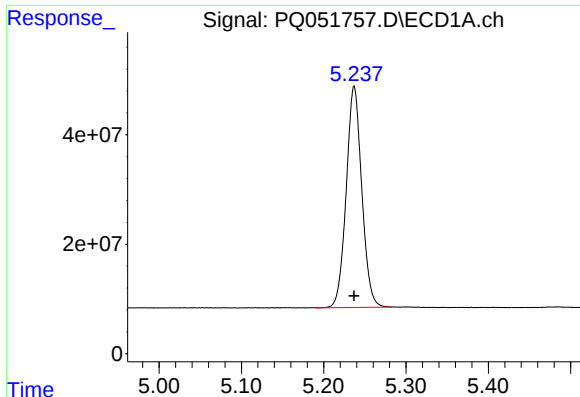
Instrument :
ECD_Q
ClientSampleId :

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jan 15 03:15:14 2021
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ122120CLP.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Dec 22 06:18:29 2020
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	0.000	8.534	0	1946837	N.D.	1.830 #
43) L9	AR-1268-3	0.000	8.744	0	898368	N.D.	1.008 #
44) L9	AR-1268-4	0.000	9.037	0	739127	N.D.	2.004 #
45) L9	AR-1268-5	11.064	9.338	3247272	1483249	0.388	0.533 #

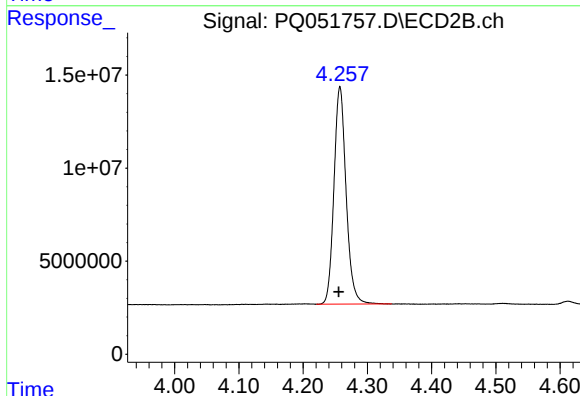
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

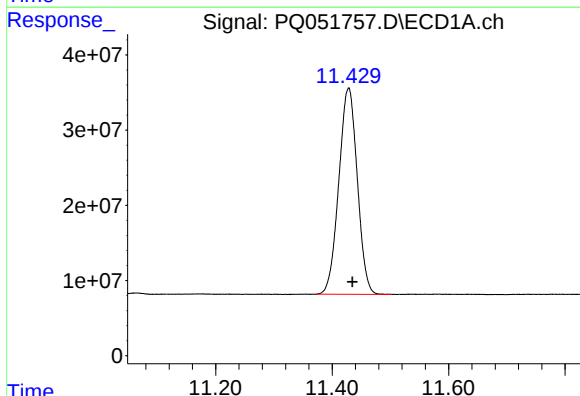
R.T.: 5.237 min
Delta R.T.: 0.000 min
Response: 530922469
Conc: 20.59 ng/ml

Instrument :
ECD_Q
ClientSampleId :



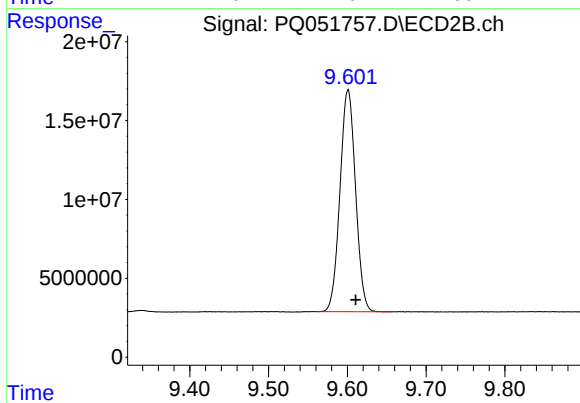
#1 Tetrachloro-m-xylene

R.T.: 4.257 min
Delta R.T.: 0.002 min
Response: 153309913
Conc: 20.99 ng/ml



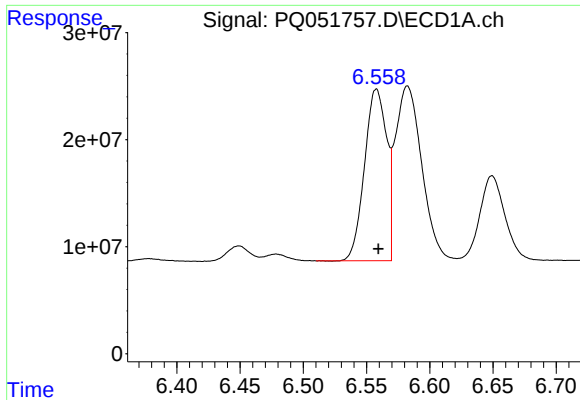
#2 Decachlorobiphenyl

R.T.: 11.429 min
Delta R.T.: -0.006 min
Response: 604652173
Conc: 32.98 ng/ml



#2 Decachlorobiphenyl

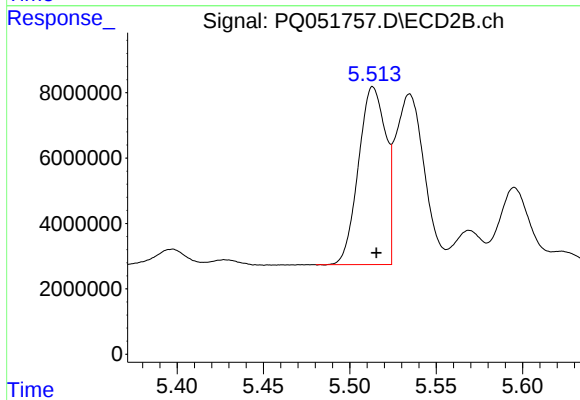
R.T.: 9.601 min
Delta R.T.: -0.010 min
Response: 193354397
Conc: 31.79 ng/ml



#3 AR-1016-1

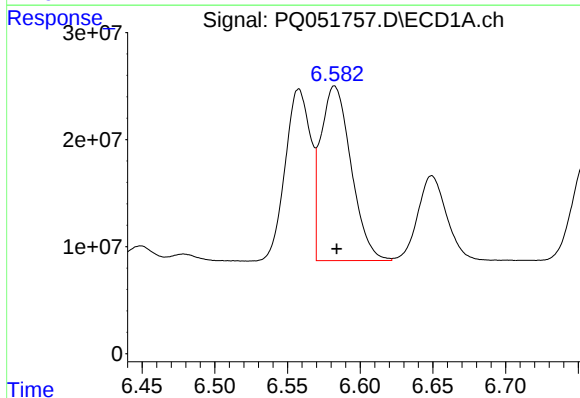
R.T.: 6.558 min
Delta R.T.: -0.002 min
Response: 195345445
Conc: 231.20 ng/ml

Instrument :
ECD_Q
ClientSampleId :



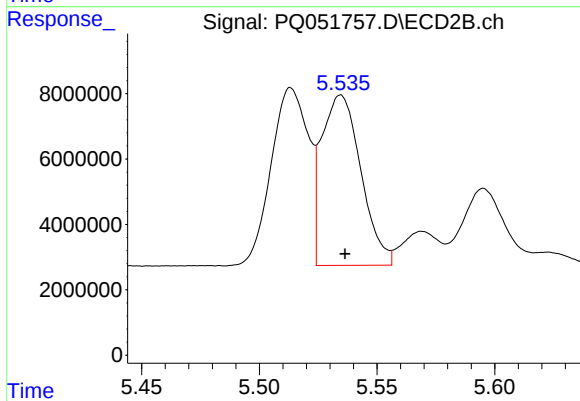
#3 AR-1016-1

R.T.: 5.513 min
Delta R.T.: -0.002 min
Response: 59748861
Conc: 233.07 ng/ml



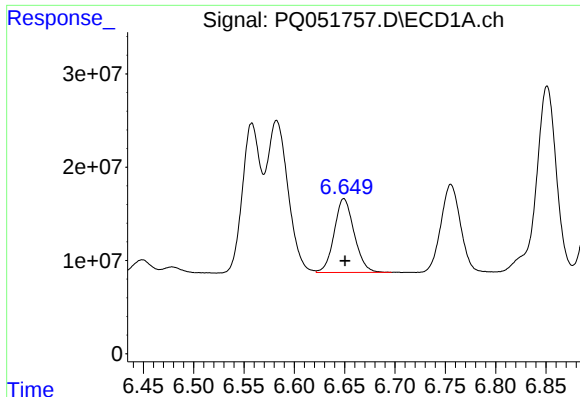
#4 AR-1016-2

R.T.: 6.582 min
Delta R.T.: -0.001 min
Response: 237108115
Conc: 191.42 ng/ml



#4 AR-1016-2

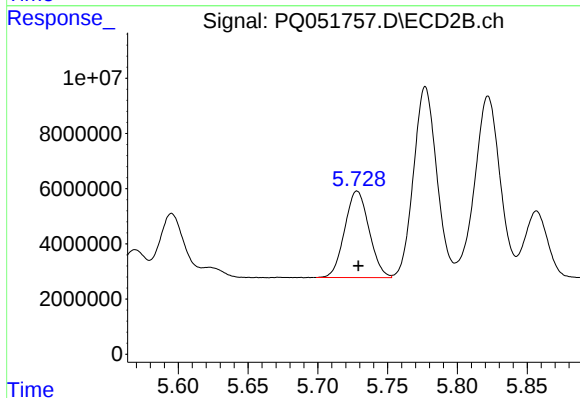
R.T.: 5.535 min
Delta R.T.: -0.002 min
Response: 60585422
Conc: 169.24 ng/ml



#5 AR-1016-3

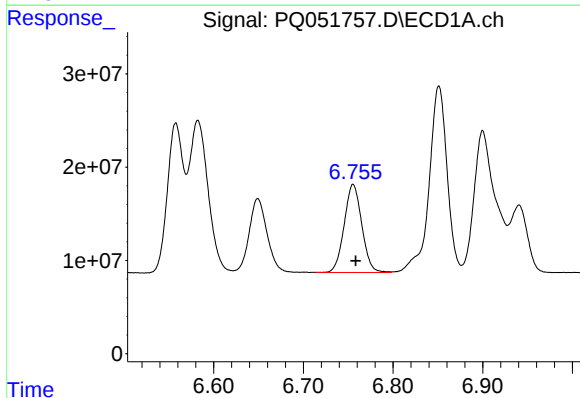
R.T.: 6.649 min
Delta R.T.: -0.001 min
Response: 109403019
Conc: 149.49 ng/ml

Instrument :
ECD_Q
ClientSampleId :



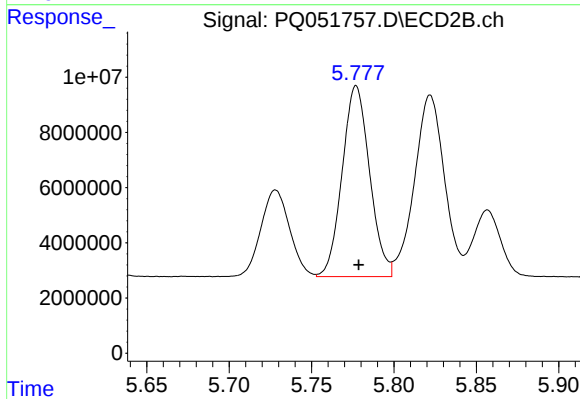
#5 AR-1016-3

R.T.: 5.728 min
Delta R.T.: 0.000 min
Response: 38076312
Conc: 206.85 ng/ml



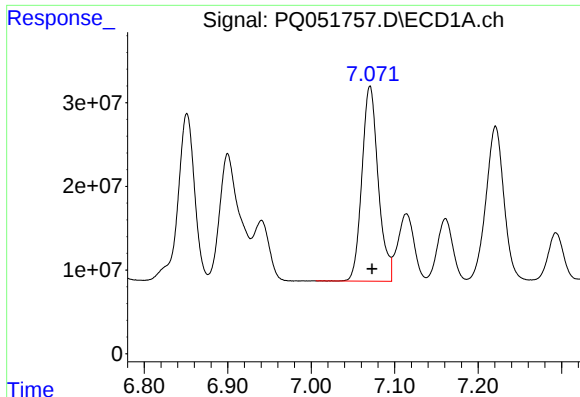
#6 AR-1016-4

R.T.: 6.755 min
Delta R.T.: -0.003 min
Response: 128925446
Conc: 209.76 ng/ml



#6 AR-1016-4

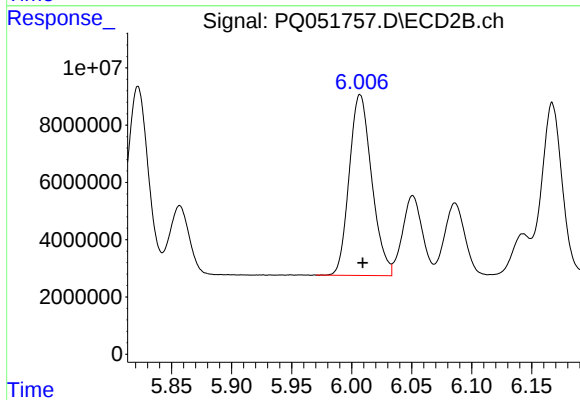
R.T.: 5.777 min
Delta R.T.: -0.002 min
Response: 80224326
Conc: 555.93 ng/ml



#7 AR-1016-5

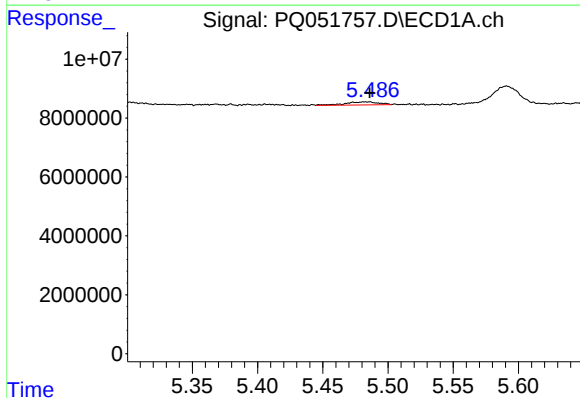
R.T.: 7.071 min
Delta R.T.: -0.002 min
Response: 316749667
Conc: 532.35 ng/ml

Instrument :
ECD_Q
ClientSampleId :



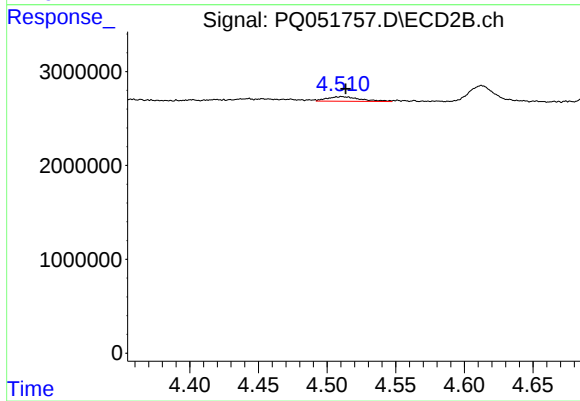
#7 AR-1016-5

R.T.: 6.007 min
Delta R.T.: -0.002 min
Response: 82356993
Conc: 432.85 ng/ml



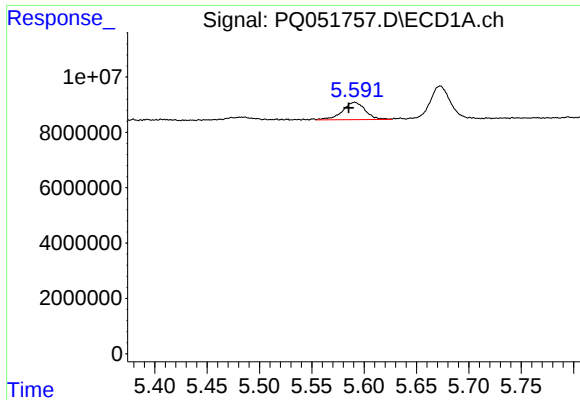
#8 AR-1221-1

R.T.: 5.486 min
Delta R.T.: 0.000 min
Response: 1784370
Conc: 6.72 ng/ml



#8 AR-1221-1

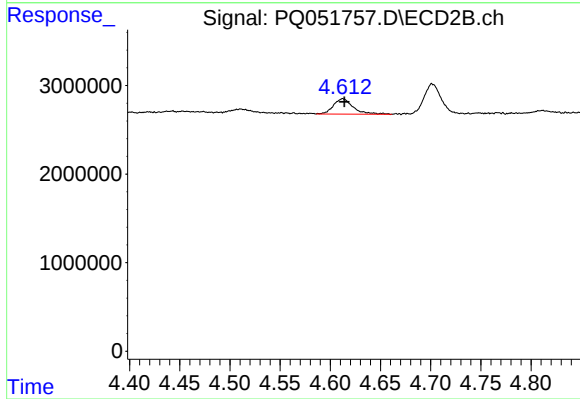
R.T.: 4.511 min
Delta R.T.: -0.003 min
Response: 828848
Conc: 10.75 ng/ml



#9 AR-1221-2

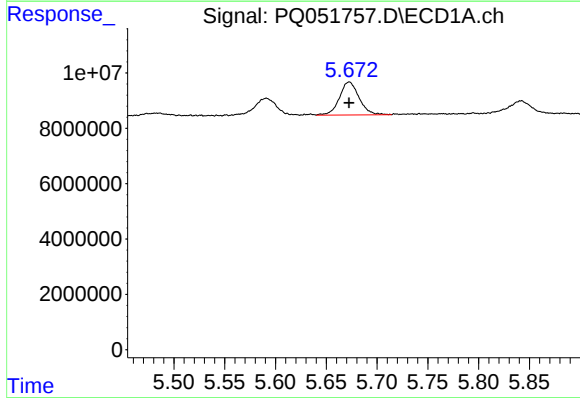
R.T.: 5.591 min
Delta R.T.: 0.006 min
Response: 9521918
Conc: 52.13 ng/ml

Instrument :
ECD_Q
ClientSampleId :



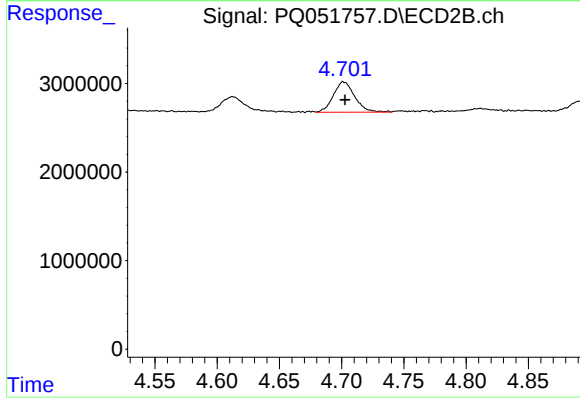
#9 AR-1221-2

R.T.: 4.612 min
Delta R.T.: -0.002 min
Response: 2391230
Conc: 44.71 ng/ml



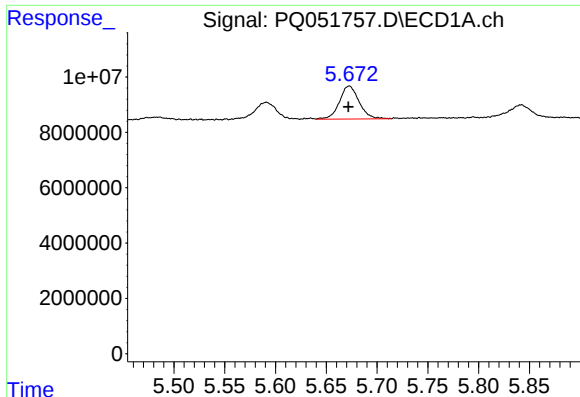
#10 AR-1221-3

R.T.: 5.673 min
Delta R.T.: 0.000 min
Response: 16154486
Conc: 26.17 ng/ml



#10 AR-1221-3

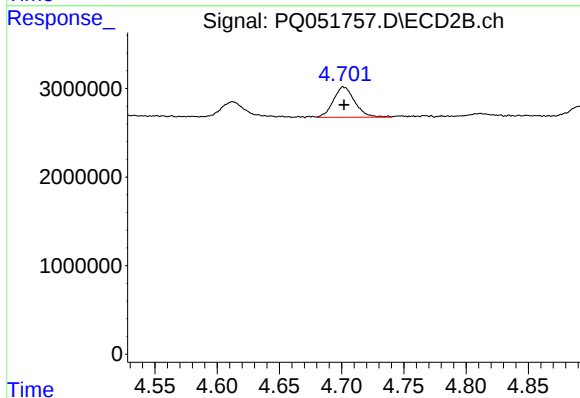
R.T.: 4.702 min
Delta R.T.: -0.001 min
Response: 4124828
Conc: 22.52 ng/ml



#11 AR-1232-1

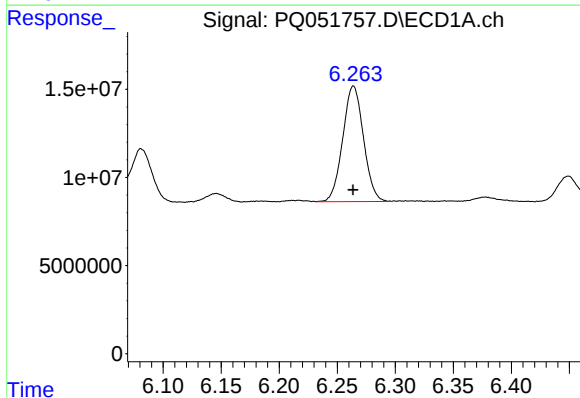
R.T.: 5.673 min
Delta R.T.: 0.001 min
Response: 16154486
Conc: 35.09 ng/ml

Instrument :
ECD_Q
ClientSampleId :



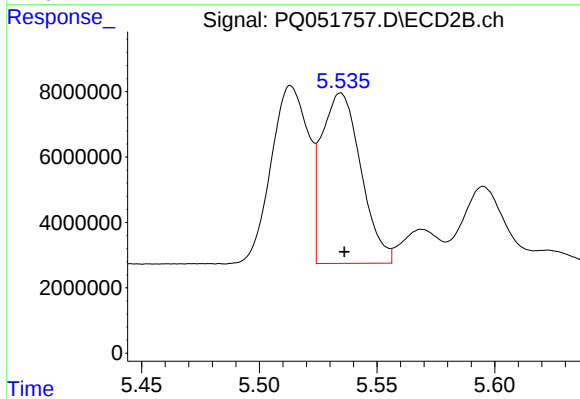
#11 AR-1232-1

R.T.: 4.702 min
Delta R.T.: 0.000 min
Response: 4124828
Conc: 30.17 ng/ml



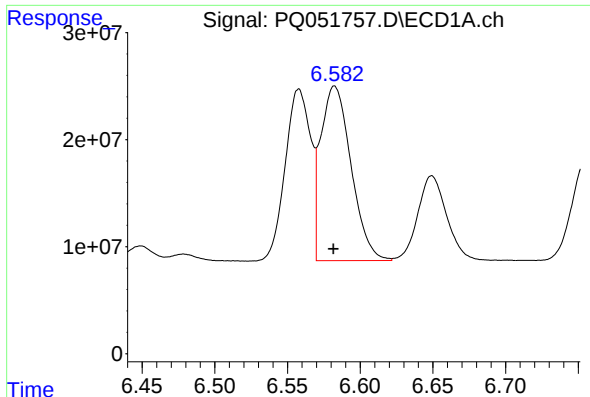
#12 AR-1232-2

R.T.: 6.264 min
Delta R.T.: 0.000 min
Response: 81598508
Conc: 330.62 ng/ml



#12 AR-1232-2

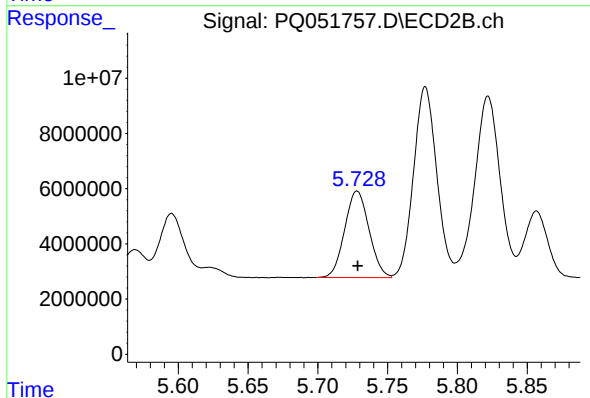
R.T.: 5.535 min
Delta R.T.: -0.001 min
Response: 60585422
Conc: 430.81 ng/ml



#13 AR-1232-3

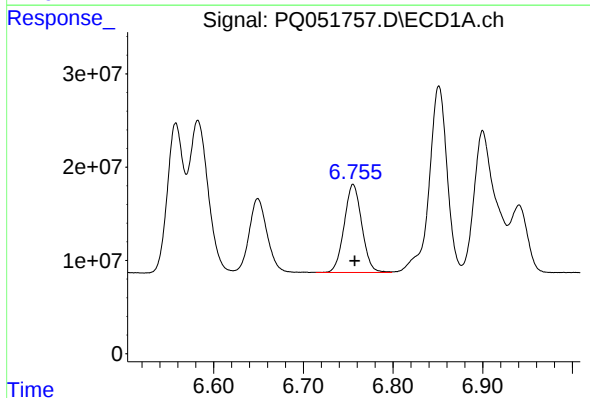
R.T.: 6.582 min
Delta R.T.: 0.000 min
Response: 237108115
Conc: 468.54 ng/ml

Instrument :
ECD_Q
ClientSampleId :



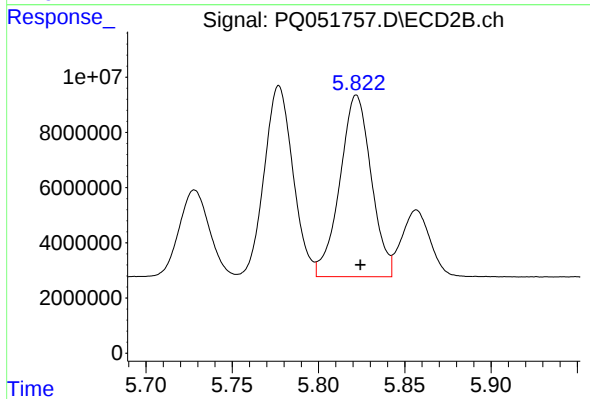
#13 AR-1232-3

R.T.: 5.728 min
Delta R.T.: 0.000 min
Response: 38076312
Conc: 532.09 ng/ml



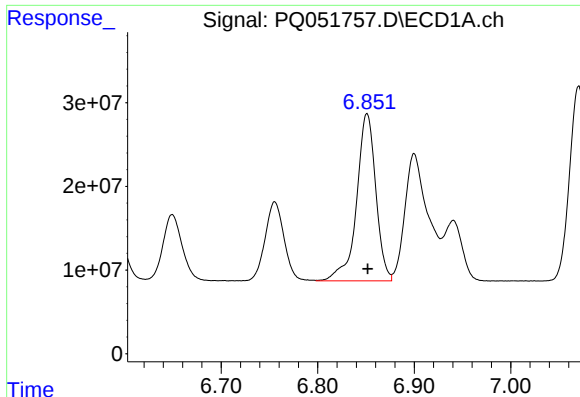
#14 AR-1232-4

R.T.: 6.755 min
Delta R.T.: -0.002 min
Response: 128925446
Conc: 516.25 ng/ml



#14 AR-1232-4

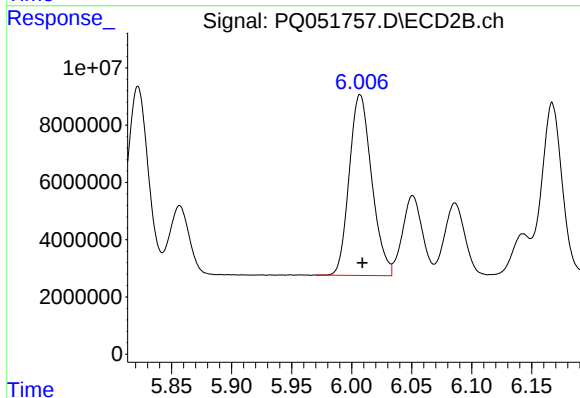
R.T.: 5.822 min
Delta R.T.: -0.002 min
Response: 83390819
Conc: 1356.43 ng/ml



#15 AR-1232-5

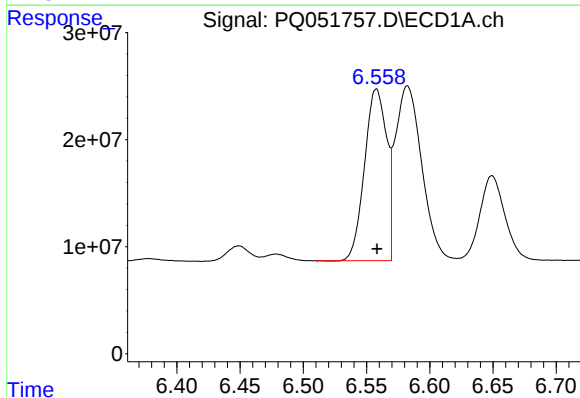
R.T.: 6.851 min
Delta R.T.: 0.000 min
Response: 277652839
Conc: 1565.03 ng/ml

Instrument :
ECD_Q
ClientSampleId :



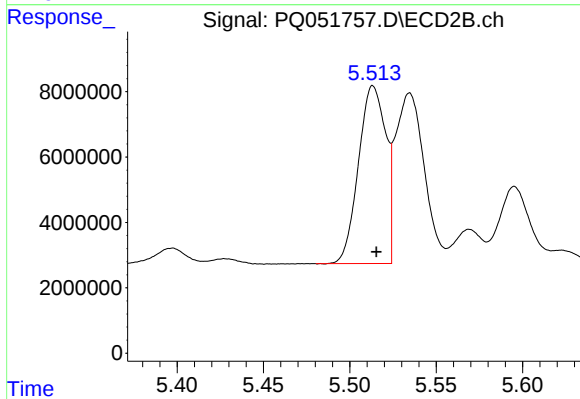
#15 AR-1232-5

R.T.: 6.007 min
Delta R.T.: -0.002 min
Response: 82356993
Conc: 1283.83 ng/ml



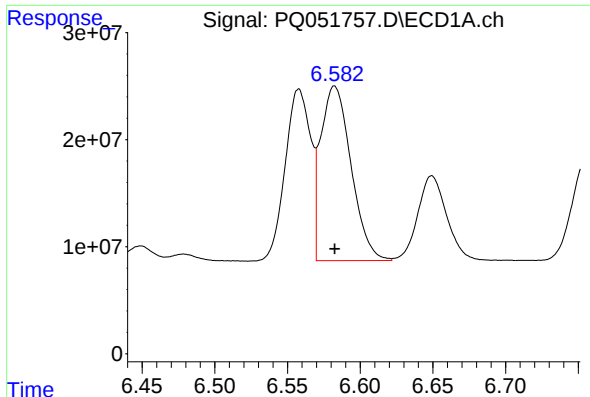
#16 AR-1242-1

R.T.: 6.558 min
Delta R.T.: 0.000 min
Response: 195345445
Conc: 278.01 ng/ml



#16 AR-1242-1

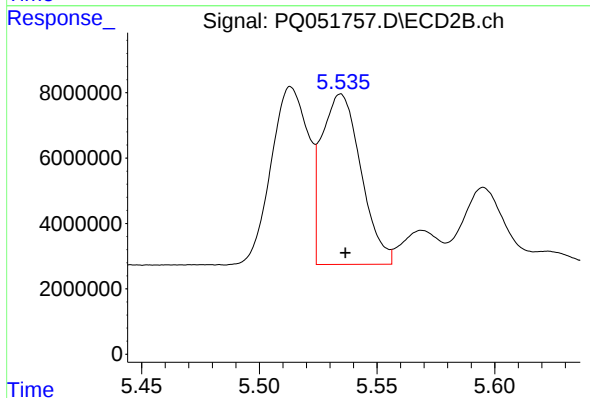
R.T.: 5.513 min
Delta R.T.: -0.002 min
Response: 59748861
Conc: 284.18 ng/ml



#17 AR-1242-2

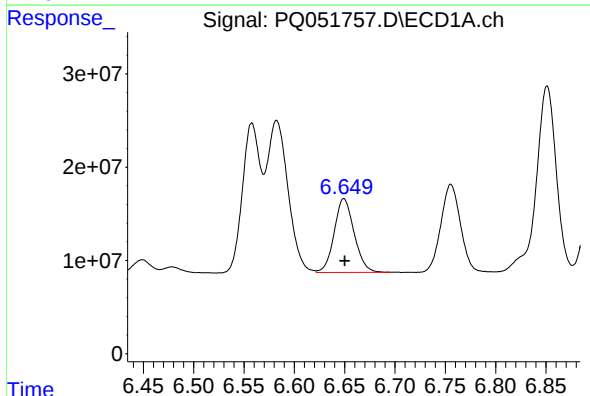
R.T.: 6.582 min
Delta R.T.: 0.000 min
Response: 237108115
Conc: 230.10 ng/ml

Instrument :
ECD_Q
ClientSampleId :



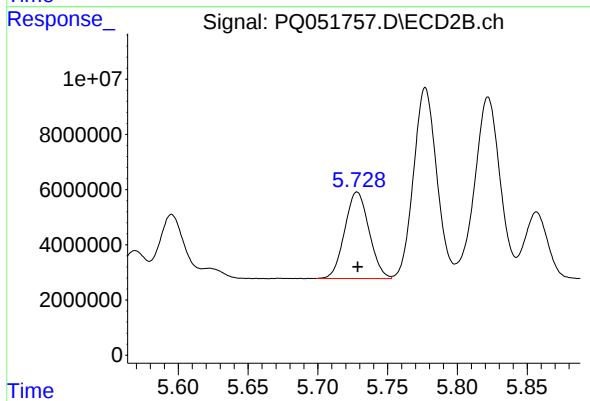
#17 AR-1242-2

R.T.: 5.535 min
Delta R.T.: -0.002 min
Response: 60585422
Conc: 207.62 ng/ml



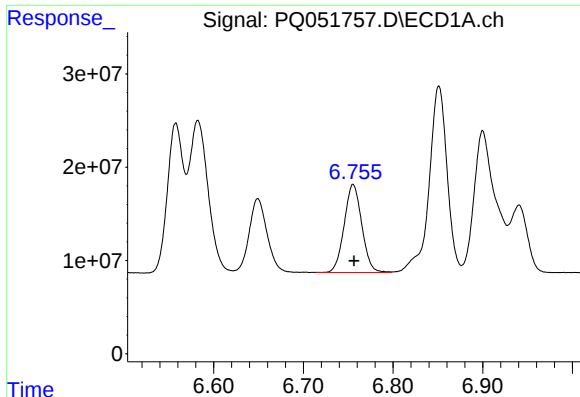
#18 AR-1242-3

R.T.: 6.649 min
Delta R.T.: 0.000 min
Response: 109403019
Conc: 177.93 ng/ml



#18 AR-1242-3

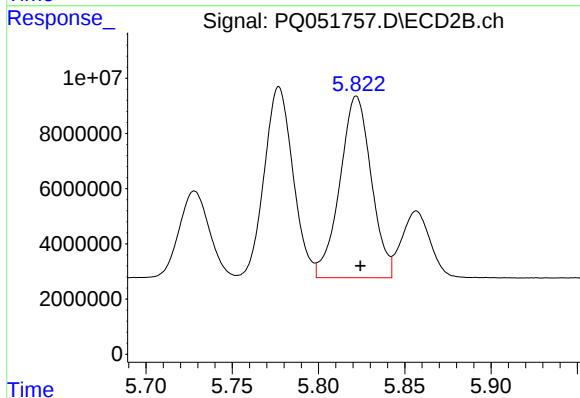
R.T.: 5.728 min
Delta R.T.: 0.000 min
Response: 38076312
Conc: 252.35 ng/ml



#19 AR-1242-4

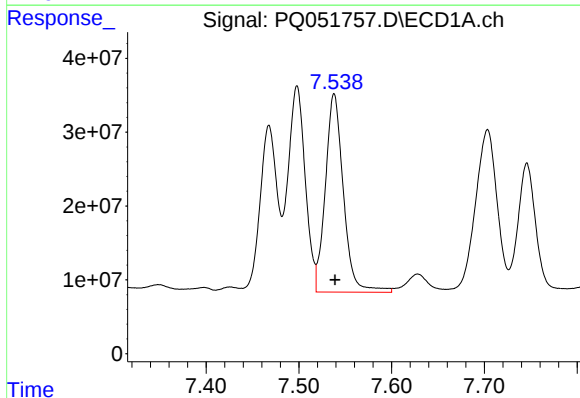
R.T.: 6.755 min
Delta R.T.: -0.001 min
Response: 128925446
Conc: 250.85 ng/ml

Instrument :
ECD_Q
ClientSampleId :



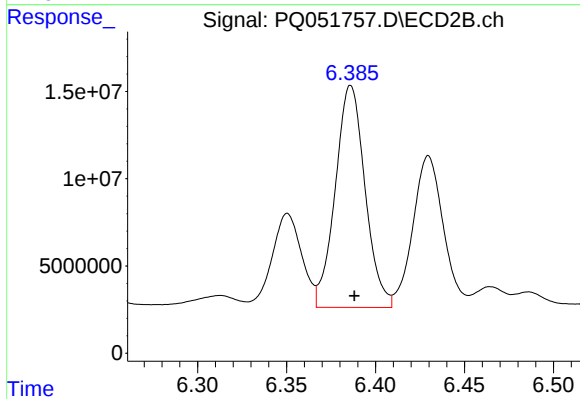
#19 AR-1242-4

R.T.: 5.822 min
Delta R.T.: -0.002 min
Response: 83390819
Conc: 576.04 ng/ml



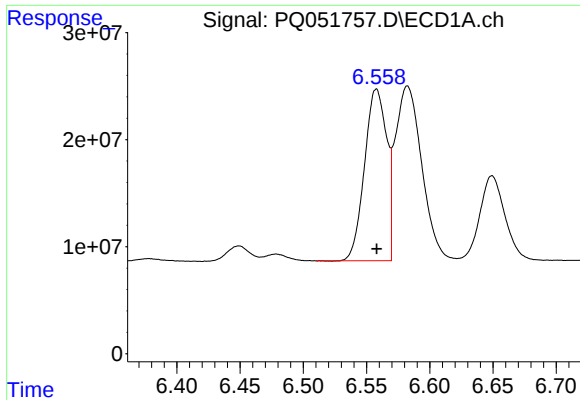
#20 AR-1242-5

R.T.: 7.538 min
Delta R.T.: 0.000 min
Response: 362981110
Conc: 658.42 ng/ml



#20 AR-1242-5

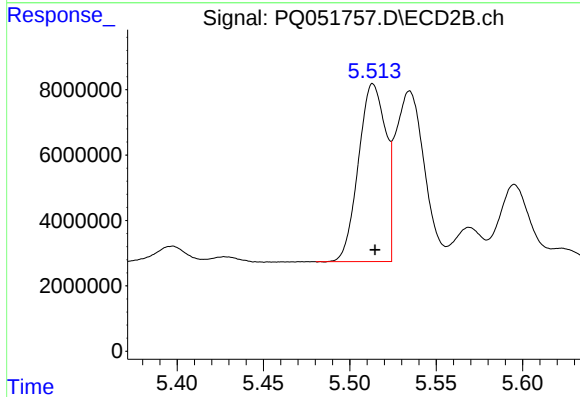
R.T.: 6.386 min
Delta R.T.: -0.002 min
Response: 148309262
Conc: 776.18 ng/ml



#21 AR-1248-1

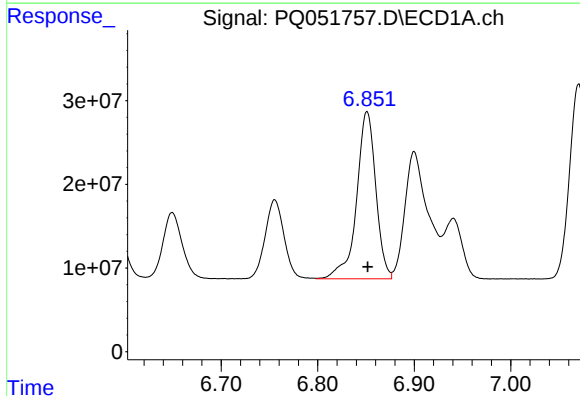
R.T.: 6.558 min
Delta R.T.: 0.000 min
Response: 195345445
Conc: 345.30 ng/ml

Instrument :
ECD_Q
ClientSampleId :



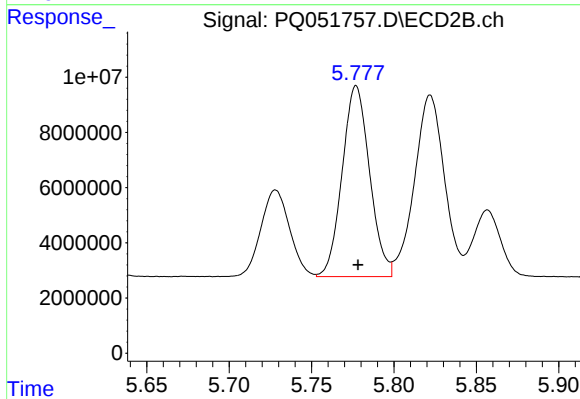
#21 AR-1248-1

R.T.: 5.513 min
Delta R.T.: -0.001 min
Response: 59748861
Conc: 355.55 ng/ml



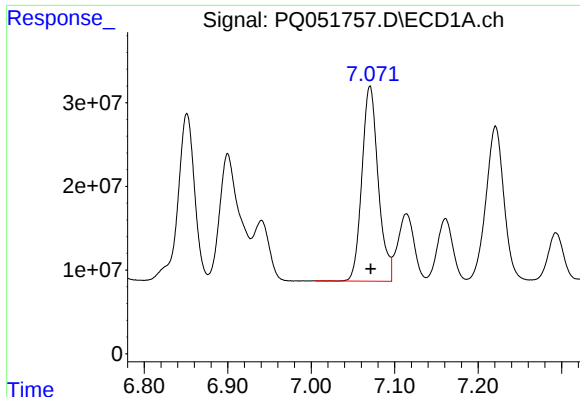
#22 AR-1248-2

R.T.: 6.851 min
Delta R.T.: 0.000 min
Response: 277652839
Conc: 345.12 ng/ml



#22 AR-1248-2

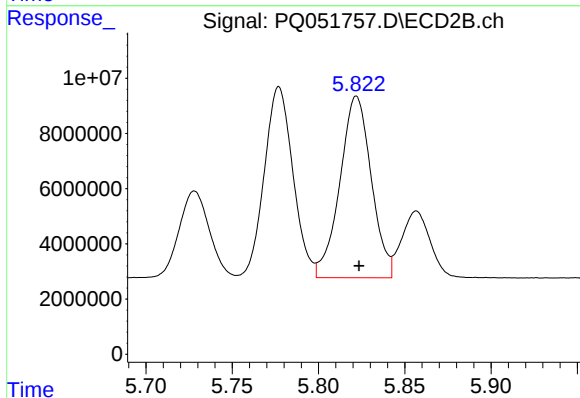
R.T.: 5.777 min
Delta R.T.: -0.001 min
Response: 80224326
Conc: 354.22 ng/ml



#23 AR-1248-3

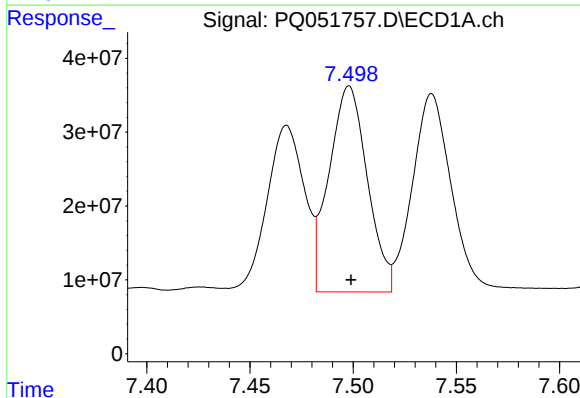
R.T.: 7.071 min
Delta R.T.: 0.000 min
Response: 316749667
Conc: 341.67 ng/ml

Instrument :
ECD_Q
ClientSampleId :



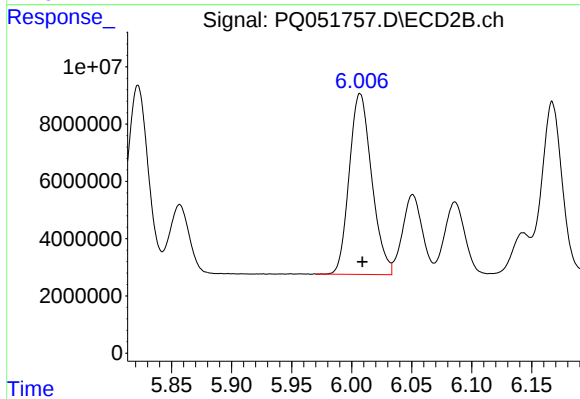
#23 AR-1248-3

R.T.: 5.822 min
Delta R.T.: -0.001 min
Response: 83390819
Conc: 354.63 ng/ml



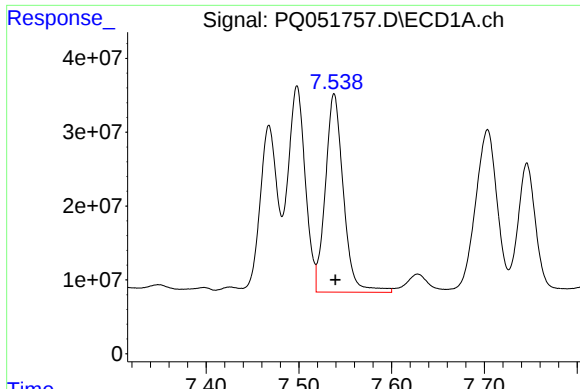
#24 AR-1248-4

R.T.: 7.498 min
Delta R.T.: 0.000 min
Response: 360092745
Conc: 339.36 ng/ml



#24 AR-1248-4

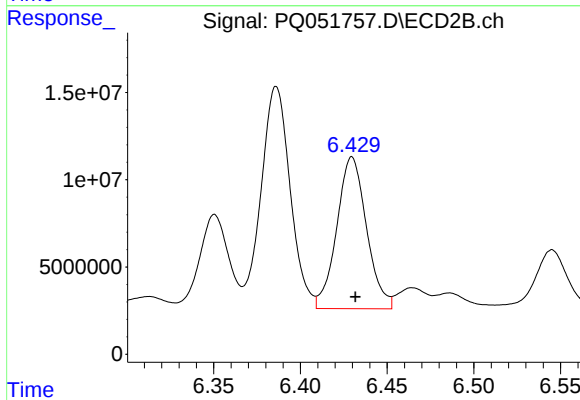
R.T.: 6.007 min
Delta R.T.: -0.002 min
Response: 82356993
Conc: 299.60 ng/ml



#25 AR-1248-5

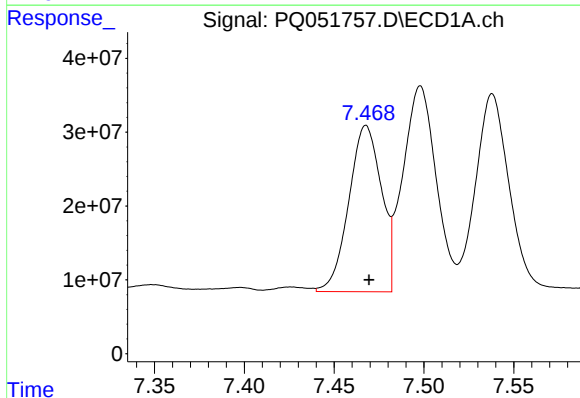
R.T.: 7.538 min
Delta R.T.: -0.001 min
Response: 362981110
Conc: 349.81 ng/ml

Instrument :
ECD_Q
ClientSampleId :



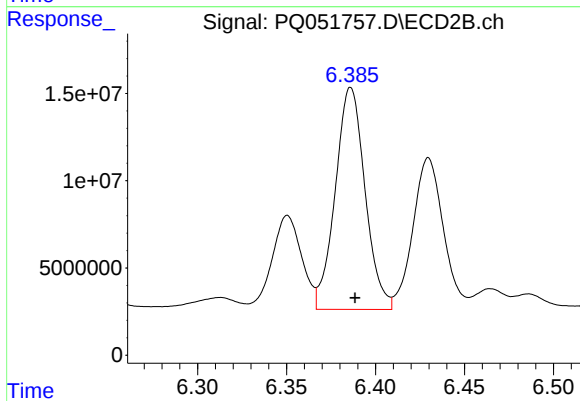
#25 AR-1248-5

R.T.: 6.430 min
Delta R.T.: -0.002 min
Response: 104075578
Conc: 360.68 ng/ml



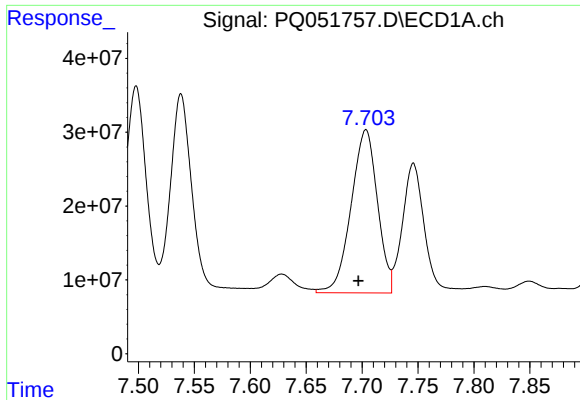
#26 AR-1254-1

R.T.: 7.468 min
Delta R.T.: -0.002 min
Response: 284161194
Conc: 288.94 ng/ml



#26 AR-1254-1

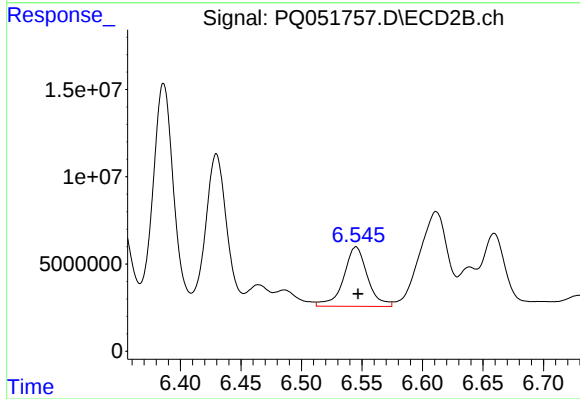
R.T.: 6.386 min
Delta R.T.: -0.002 min
Response: 148309262
Conc: 349.46 ng/ml



#27 AR-1254-2

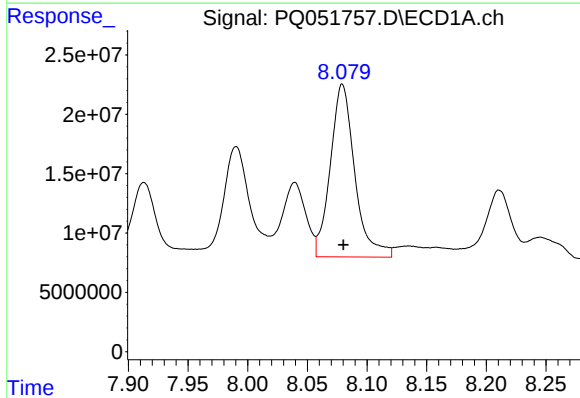
R.T.: 7.704 min
Delta R.T.: 0.007 min
Response: 362260353
Conc: 237.91 ng/ml

Instrument :
ECD_Q
ClientSampleId :



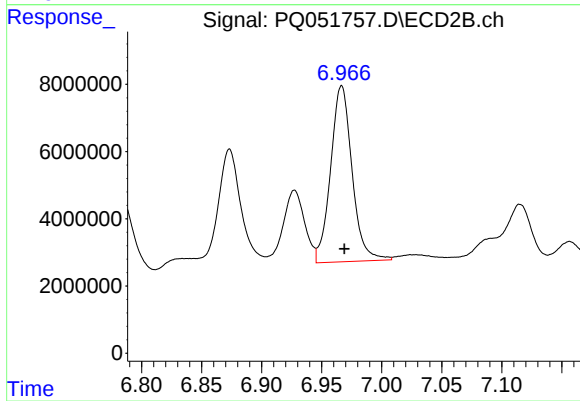
#27 AR-1254-2

R.T.: 6.545 min
Delta R.T.: -0.002 min
Response: 46731597
Conc: 127.31 ng/ml



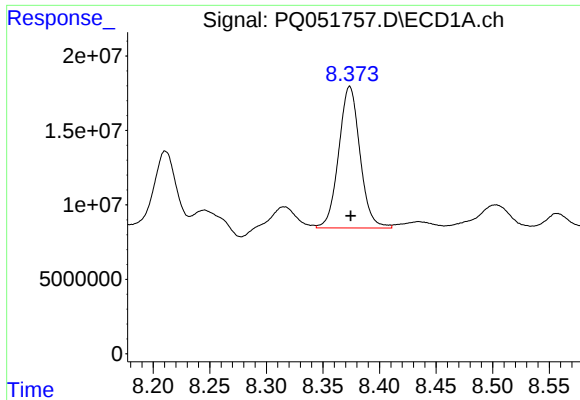
#28 AR-1254-3

R.T.: 8.079 min
Delta R.T.: 0.000 min
Response: 207615570
Conc: 125.66 ng/ml



#28 AR-1254-3

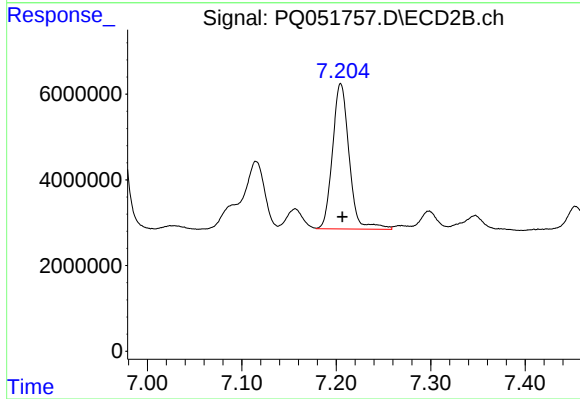
R.T.: 6.967 min
Delta R.T.: -0.002 min
Response: 65314478
Conc: 107.03 ng/ml



#29 AR-1254-4

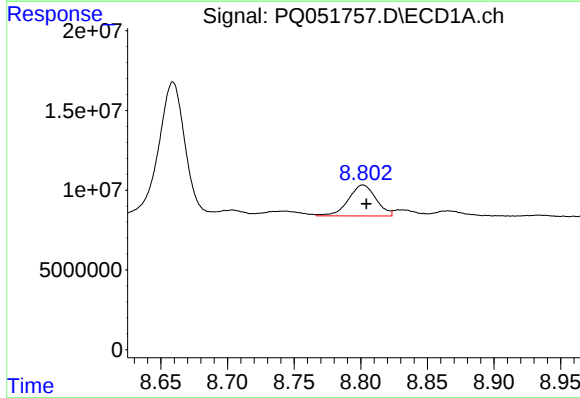
R.T.: 8.374 min
Delta R.T.: 0.000 min
Response: 124449806
Conc: 104.67 ng/ml

Instrument :
ECD_Q
ClientSampleId :



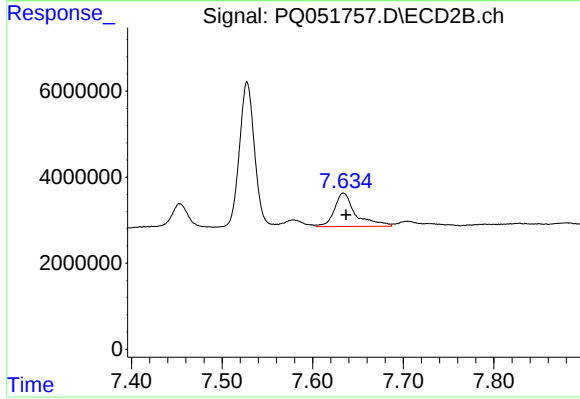
#29 AR-1254-4

R.T.: 7.205 min
Delta R.T.: -0.002 min
Response: 41412335
Conc: 109.65 ng/ml



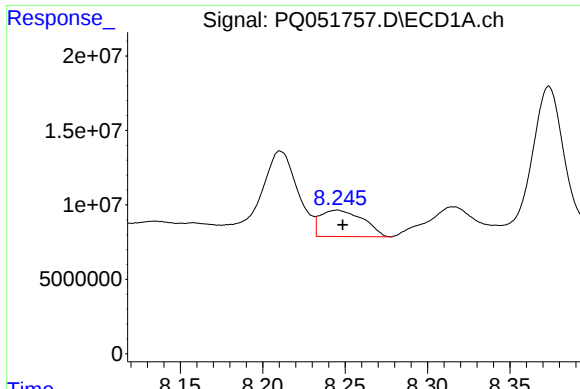
#30 AR-1254-5

R.T.: 8.802 min
Delta R.T.: -0.003 min
Response: 27976640
Conc: 22.17 ng/ml



#30 AR-1254-5

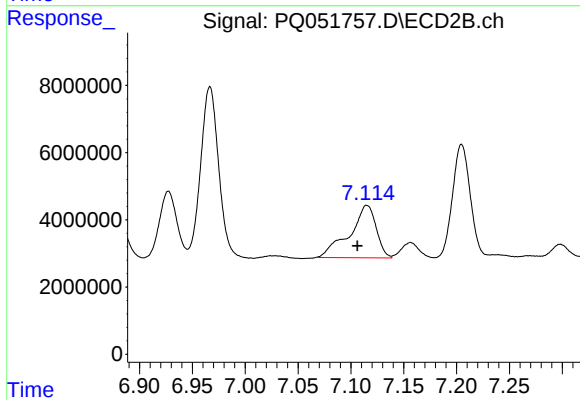
R.T.: 7.634 min
Delta R.T.: -0.003 min
Response: 12808397
Conc: 24.39 ng/ml



#31 AR-1260-1

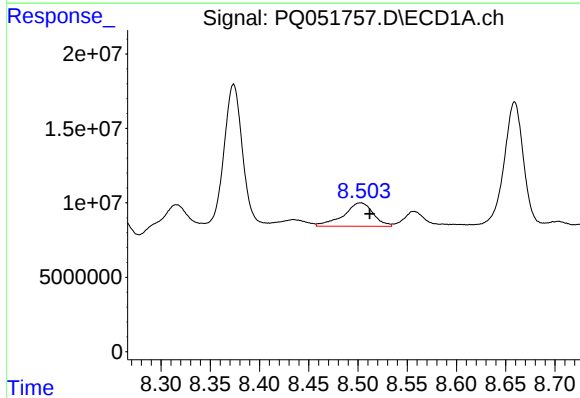
R.T.: 8.245 min
Delta R.T.: -0.003 min
Response: 31859098
Conc: 30.76 ng/ml

Instrument :
ECD_Q
ClientSampleId :



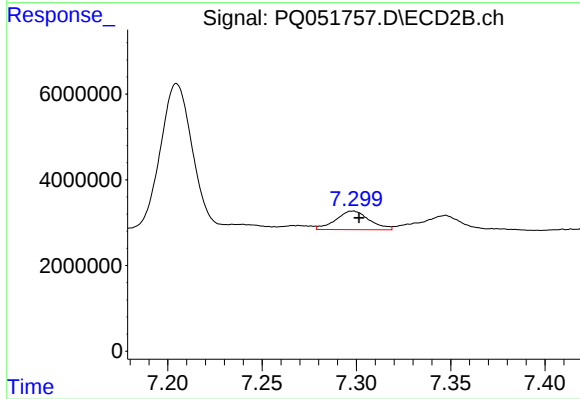
#31 AR-1260-1

R.T.: 7.115 min
Delta R.T.: 0.009 min
Response: 27350206
Conc: 77.10 ng/ml



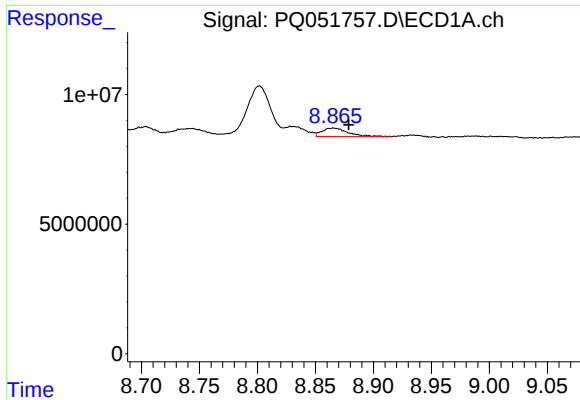
#32 AR-1260-2

R.T.: 8.503 min
Delta R.T.: -0.009 min
Response: 32917615
Conc: 26.62 ng/ml



#32 AR-1260-2

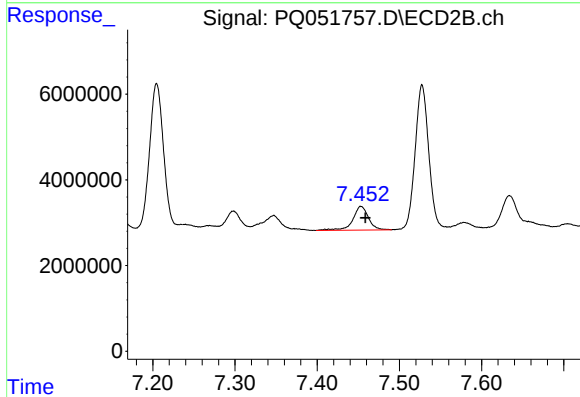
R.T.: 7.298 min
Delta R.T.: -0.003 min
Response: 5385393
Conc: 12.17 ng/ml



#33 AR-1260-3

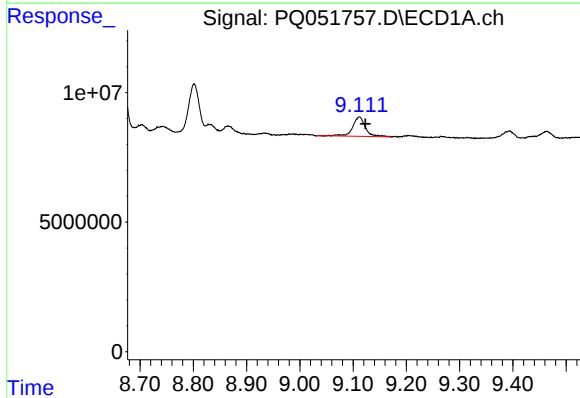
R.T.: 8.866 min
Delta R.T.: -0.013 min
Response: 5108661
Conc: 5.63 ng/ml

Instrument :
ECD_Q
ClientSampleId :



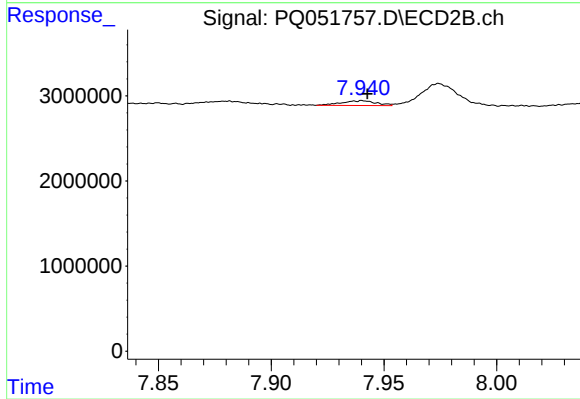
#33 AR-1260-3

R.T.: 7.453 min
Delta R.T.: -0.006 min
Response: 7376124
Conc: 17.80 ng/ml



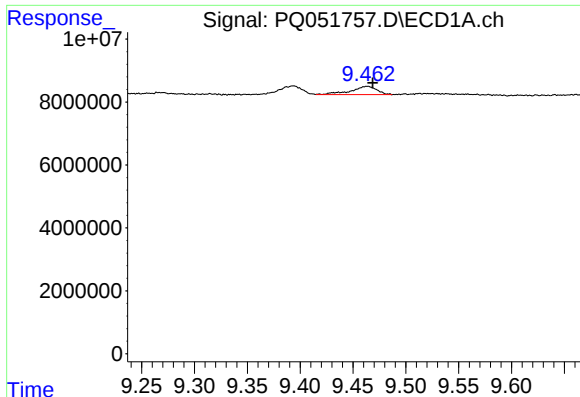
#34 AR-1260-4

R.T.: 9.112 min
Delta R.T.: -0.011 min
Response: 12473632
Conc: 11.70 ng/ml



#34 AR-1260-4

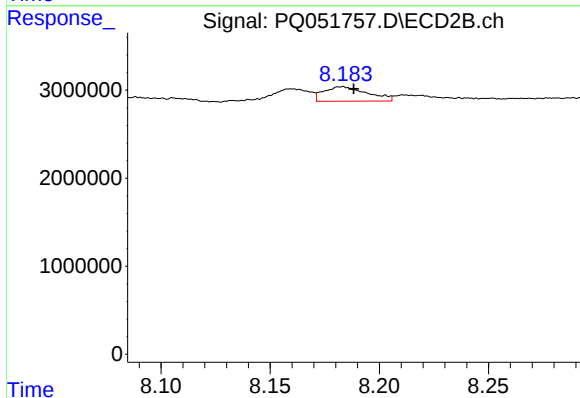
R.T.: 7.941 min
Delta R.T.: -0.002 min
Response: 585724
Conc: 1.69 ng/ml



#35 AR-1260-5

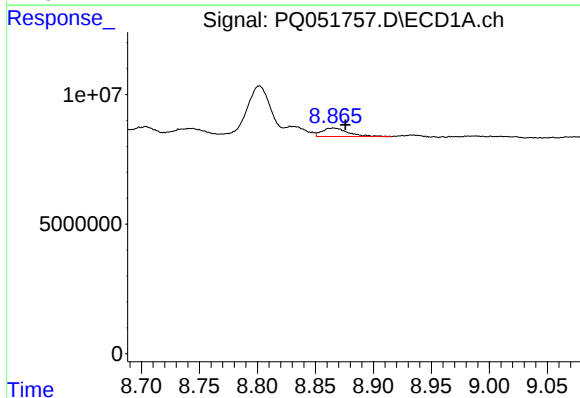
R.T.: 9.464 min
Delta R.T.: -0.005 min
Response: 4499705
Conc: 2.02 ng/ml

Instrument :
ECD_Q
ClientSampleId :



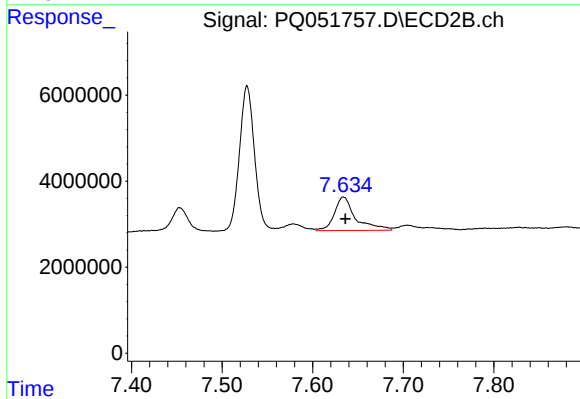
#35 AR-1260-5

R.T.: 8.183 min
Delta R.T.: -0.005 min
Response: 2286287
Conc: 2.65 ng/ml



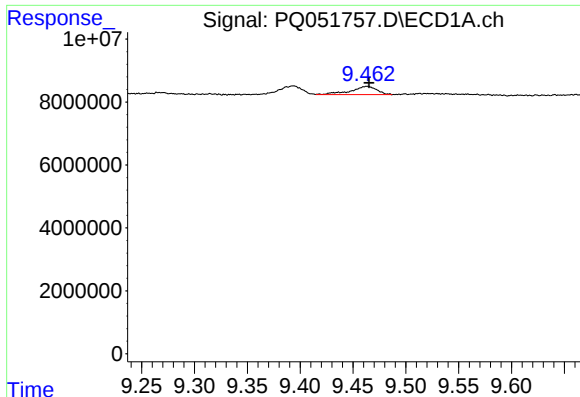
#36 AR-1262-1

R.T.: 8.866 min
Delta R.T.: -0.010 min
Response: 5108661
Conc: 3.37 ng/ml



#36 AR-1262-1

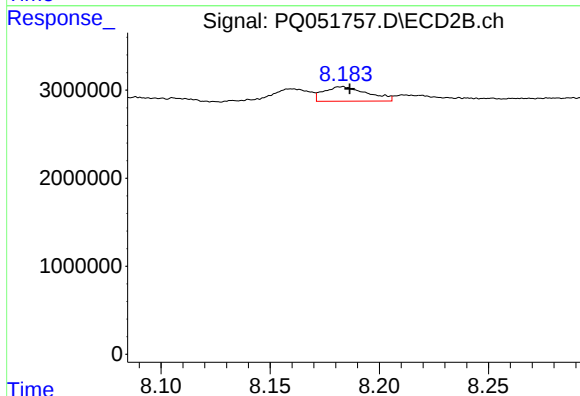
R.T.: 7.634 min
Delta R.T.: -0.002 min
Response: 12808397
Conc: 44.68 ng/ml



#37 AR-1262-2

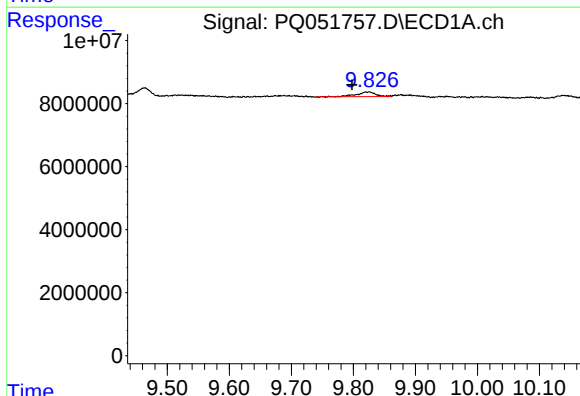
R.T.: 9.464 min
Delta R.T.: -0.002 min
Response: 4499705
Conc: 1.60 ng/ml

Instrument :
ECD_Q
ClientSampleId :



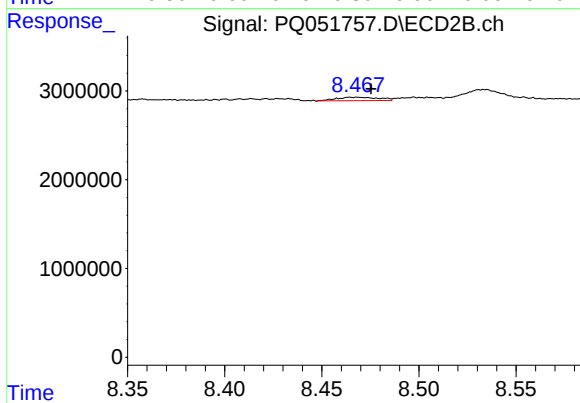
#37 AR-1262-2

R.T.: 8.183 min
Delta R.T.: -0.004 min
Response: 2286287
Conc: 2.24 ng/ml



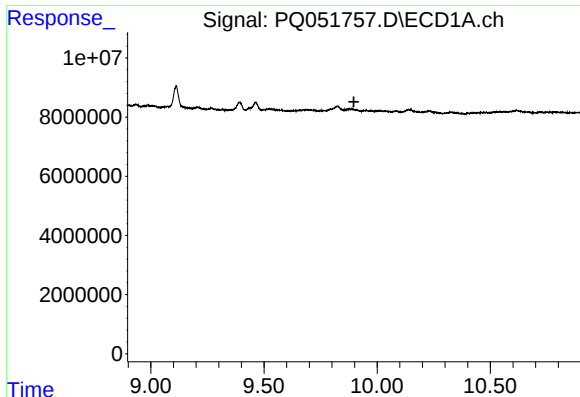
#38 AR-1262-3

R.T.: 9.826 min
Delta R.T.: 0.028 min
Response: 3141175
Conc: 2.62 ng/ml



#38 AR-1262-3

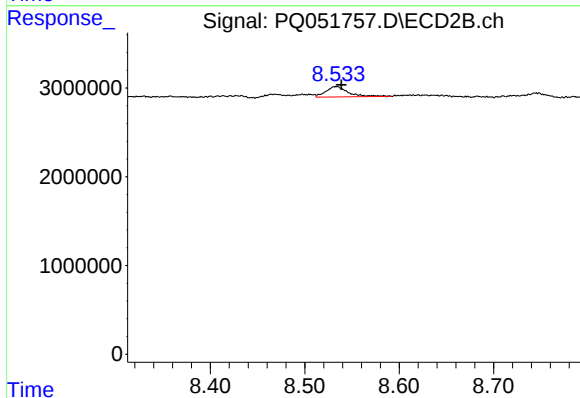
R.T.: 8.468 min
Delta R.T.: -0.007 min
Response: 582325
Conc: 1.55 ng/ml



#39 AR-1262-4

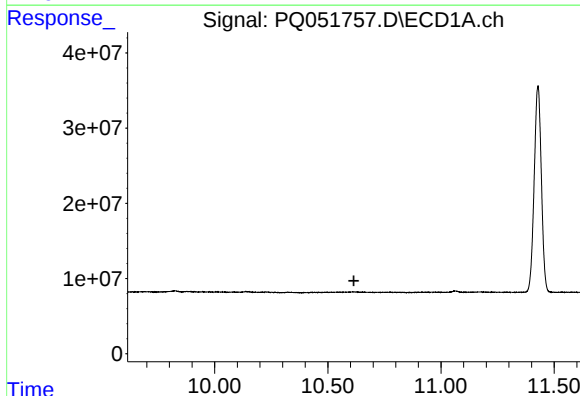
R.T.: 0.000 min
Exp R.T. : 9.897 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



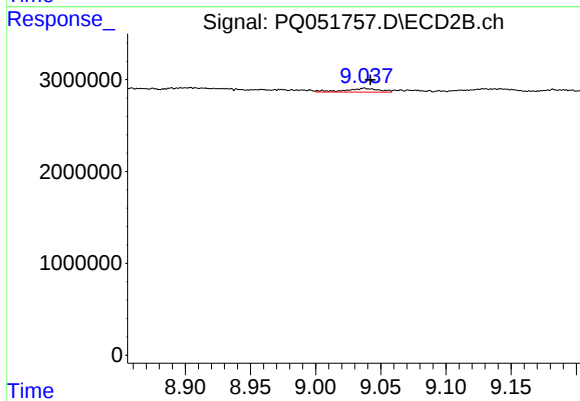
#39 AR-1262-4

R.T.: 8.534 min
Delta R.T.: -0.005 min
Response: 1946837
Conc: 2.65 ng/ml



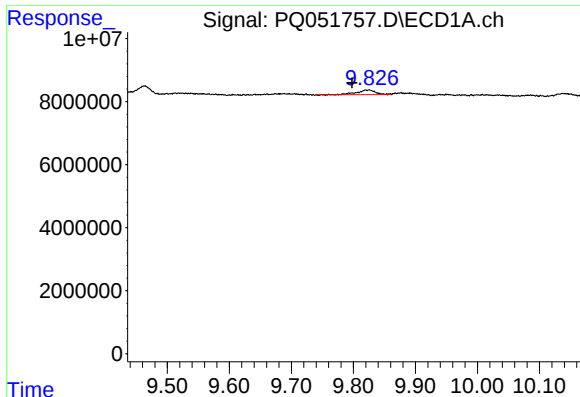
#40 AR-1262-5

R.T.: 0.000 min
Exp R.T. : 10.615 min
Response: 0
Conc: N.D.



#40 AR-1262-5

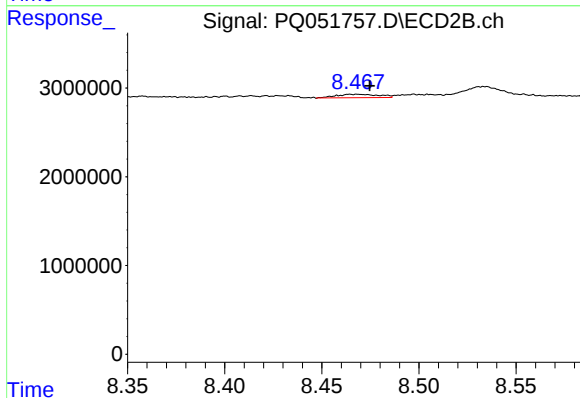
R.T.: 9.037 min
Delta R.T.: -0.005 min
Response: 739127
Conc: 2.25 ng/ml



#41 AR-1268-1

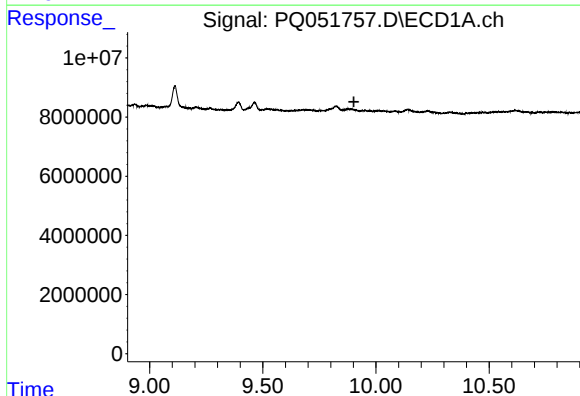
R.T.: 9.826 min
Delta R.T.: 0.028 min
Response: 3141175
Conc: 0.95 ng/ml

Instrument :
ECD_Q
ClientSampleId :



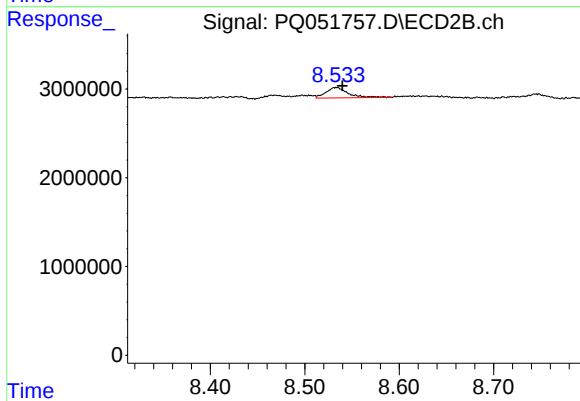
#41 AR-1268-1

R.T.: 8.468 min
Delta R.T.: -0.007 min
Response: 582325
Conc: 0.50 ng/ml



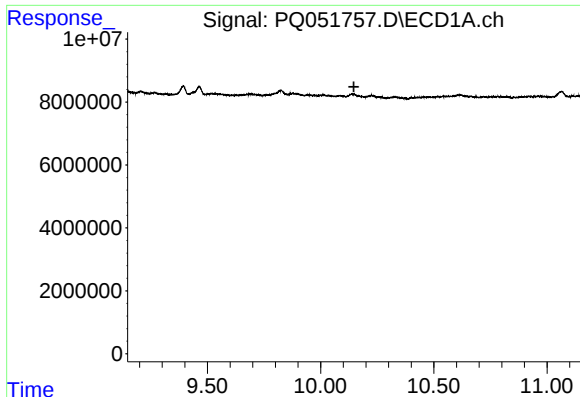
#42 AR-1268-2

R.T.: 0.000 min
Exp R.T. : 9.902 min
Response: 0
Conc: N.D.



#42 AR-1268-2

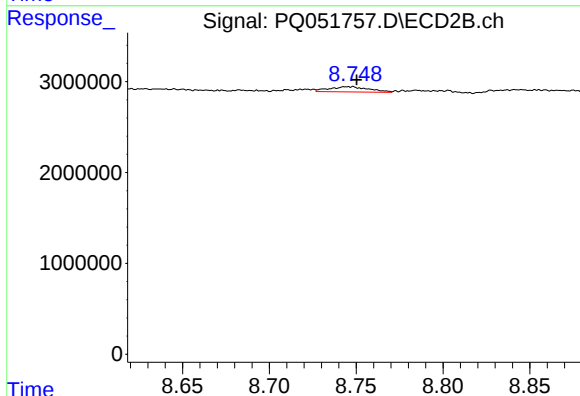
R.T.: 8.534 min
Delta R.T.: -0.006 min
Response: 1946837
Conc: 1.83 ng/ml



#43 AR-1268-3

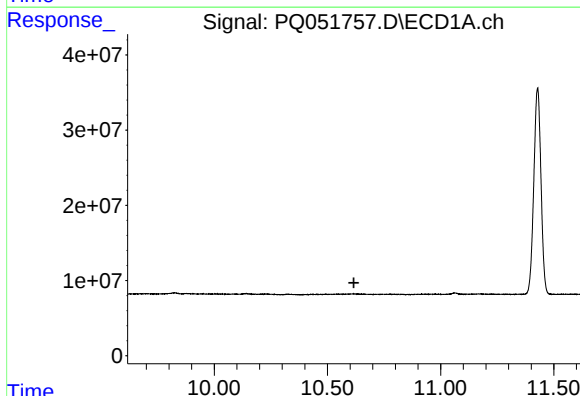
R.T.: 0.000 min
Exp R.T.: 10.147 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



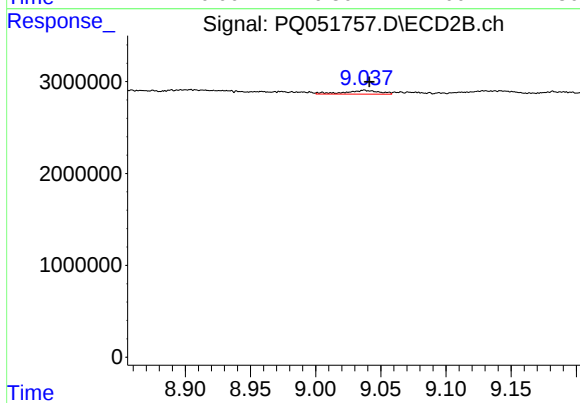
#43 AR-1268-3

R.T.: 8.744 min
Delta R.T.: -0.006 min
Response: 898368
Conc: 1.01 ng/ml



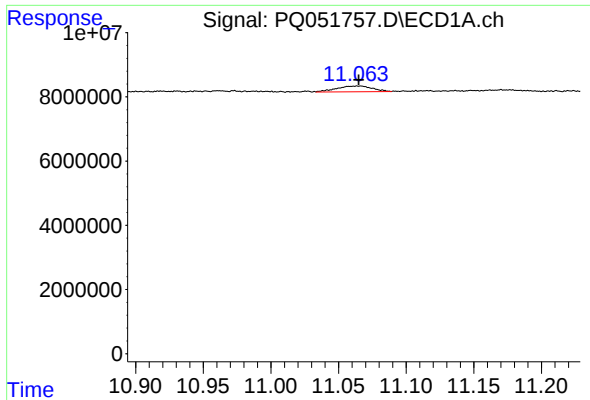
#44 AR-1268-4

R.T.: 0.000 min
Exp R.T.: 10.617 min
Response: 0
Conc: N.D.



#44 AR-1268-4

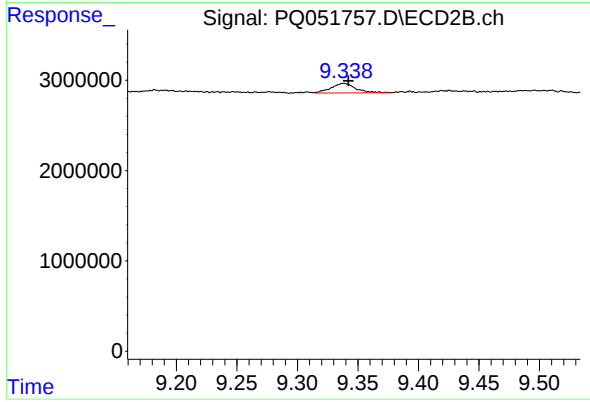
R.T.: 9.037 min
Delta R.T.: -0.004 min
Response: 739127
Conc: 2.00 ng/ml



#45 AR-1268-5

R.T.: 11.064 min
Delta R.T.: 0.000 min
Response: 3247272
Conc: 0.39 ng/ml

Instrument :
ECD_Q
ClientSampleId :



#45 AR-1268-5

R.T.: 9.338 min
Delta R.T.: -0.004 min
Response: 1483249
Conc: 0.53 ng/ml