

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ111919\
 Data File : PQ045210.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 20 Nov 2019 03:03
 Operator : SM\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: Nov 20 07:40:12 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ110719CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri Nov 08 03:35:55 2019
 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...	5.095	4.303	153.2E6	109.0E6	19.304	23.108
2)	SA Decachlor...	11.152	9.717	271.0E6	255.0E6	39.123	37.586
Target Compounds							
3)	L1 AR-1016-1	6.408	5.582	70373007	54661710	280.027	296.784
4)	L1 AR-1016-2	6.432	5.602	87580116	59812339	231.605	226.361
5)	L1 AR-1016-3	6.498	5.800	44907111	37520751	193.425	290.734 #
6)	L1 AR-1016-4	6.605	5.847	47185438	77198004	249.223	710.918 #
7)	L1 AR-1016-5	6.920	6.082	112.7E6	101.1E6	577.922	662.004
8)	L2 AR-1221-1	0.000	4.563	0	894560	N.D.	16.677 #
9)	L2 AR-1221-2	5.444	4.666	3437127	2651461	58.541	67.159
10)	L2 AR-1221-3	5.526	4.758	9578180	6724439	48.807	51.444
11)	L3 AR-1232-1	5.526	4.758	9578180	6724439	54.944	58.301
12)	L3 AR-1232-2	6.115	5.602	32705550	59812339	364.663	480.901 #
13)	L3 AR-1232-3	6.432	5.800	87580116	37520751	496.025	633.585 #
14)	L3 AR-1232-4	6.605	5.893	47185438	80090785	533.320	1332.309 #
15)	L3 AR-1232-5	6.703	6.082	102.2E6	101.1E6	1541.054	1388.692
16)	L4 AR-1242-1	6.408	5.582	70373007	54661710	327.400	348.637
17)	L4 AR-1242-2	6.432	5.602	87580116	59812339	272.337	267.324
18)	L4 AR-1242-3	6.498	5.800	44907111	37520751	226.331	337.583 #
19)	L4 AR-1242-4	6.605	5.893	47185438	80090785	292.245	671.649 #
20)	L4 AR-1242-5	7.386	6.464	121.3E6	153.7E6	670.092	936.192 #
21)	L5 AR-1248-1	6.408	5.582	70373007	54661710	417.843	439.221
22)	L5 AR-1248-2	6.703	5.847	102.2E6	77198004	417.393	453.495
23)	L5 AR-1248-3	6.920	5.893	112.7E6	80090785	414.174	447.830
24)	L5 AR-1248-4	7.346	6.082	127.7E6	101.1E6	421.684	464.657
25)	L5 AR-1248-5	7.386	6.508	121.3E6	106.3E6	423.925	476.538
26)	L6 AR-1254-1	7.317	6.464	98302207	153.7E6	303.818	422.576 #
27)	L6 AR-1254-2	7.550	6.622	125.9E6	44089861	253.476	136.891 #
28)	L6 AR-1254-3	7.926	7.050	70354739	74714789	132.181	134.695
29)	L6 AR-1254-4	8.222	7.288	46419105	53332141	120.166	149.213
30)	L6 AR-1254-5	8.651	7.722	12304693	14243856	28.484	28.486
31)	L7 AR-1260-1	8.095	7.202	9248456	37159777	29.612	121.289 #
32)	L7 AR-1260-2	8.357	7.381	11250203	7745969	27.477	19.617 #
33)	L7 AR-1260-3	8.722	7.540	3367662	8939962	10.315	26.095 #
34)	L7 AR-1260-4	8.950	8.027	6292044	2195951	16.546	7.161 #
35)	L7 AR-1260-5	9.291	8.273	4588708	5639940	5.961	7.206
36)	L8 AR-1262-1	0.000	7.722	0	14243856	N.D.	56.279 #
37)	L8 AR-1262-2	9.291	8.273	4588708	5639940	5.081	5.716
38)	L8 AR-1262-3	0.000	8.562	0	1777533	N.D.	4.613 #
39)	L8 AR-1262-4	0.000	8.627	0	3264367	N.D.	4.431 #
40)	L8 AR-1262-5	0.000	9.141	0	1432389	N.D.	4.114 #
41)	L9 AR-1268-1	0.000	8.562	0	1777533	N.D.	1.478 #

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ111919\
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 Acq On : 20 Nov 2019 03:03
 Operator : SM\AJ
 Sample : AR1248CCC400
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

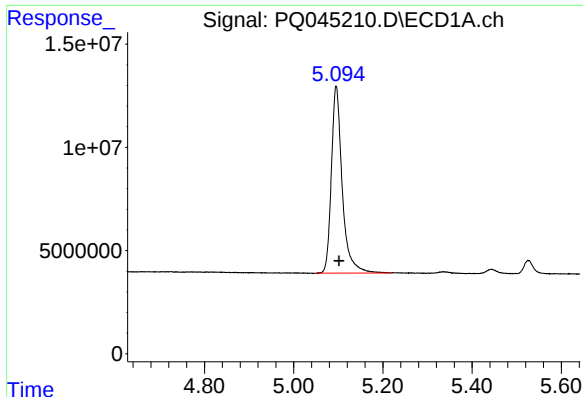
Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 20 07:40:12 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ110719CLP.M
 Quant Title : GC EXTRACTABLES
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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	8.627	0	3264367	N.D.	2.931 #
43) L9	AR-1268-3	0.000	8.838	0	2368898	N.D.	2.547 #
44) L9	AR-1268-4	0.000	9.141	0	1432389	N.D.	3.556 #
45) L9	AR-1268-5	10.810	9.449	1965615	2039029	0.753	0.675

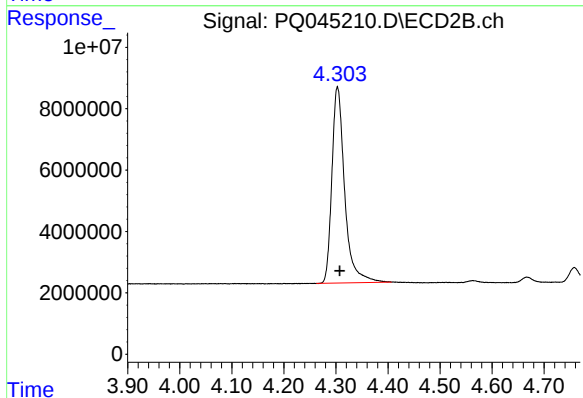
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

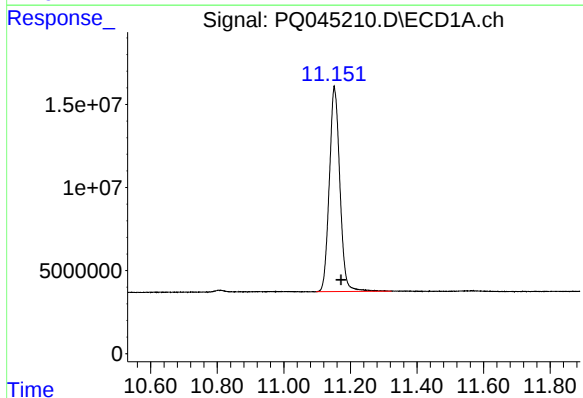
R.T.: 5.095 min
Delta R.T.: -0.007 min
Response: 153229014
Conc: 19.30 ng/ml

Instrument :
ECD_Q
ClientSampleId :



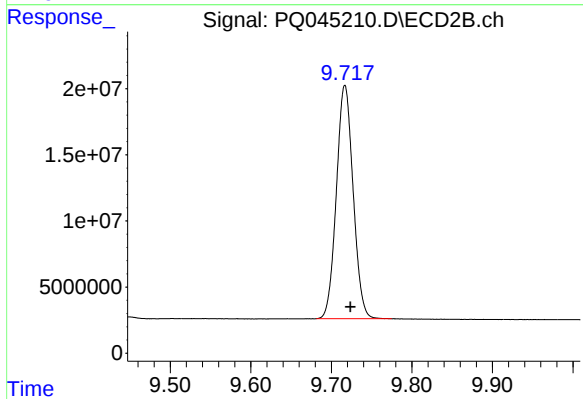
#1 Tetrachloro-m-xylene

R.T.: 4.303 min
Delta R.T.: -0.004 min
Response: 108959891
Conc: 23.11 ng/ml



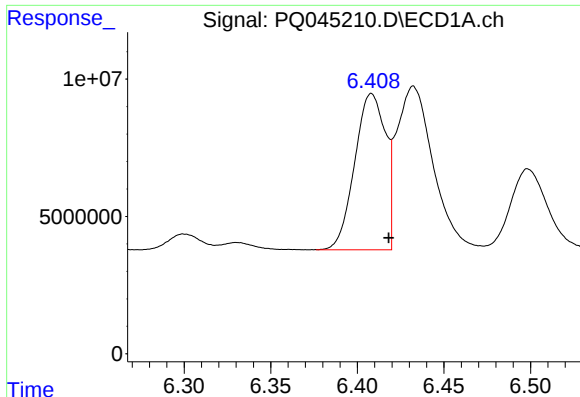
#2 Decachlorobiphenyl

R.T.: 11.152 min
Delta R.T.: -0.020 min
Response: 270965326
Conc: 39.12 ng/ml



#2 Decachlorobiphenyl

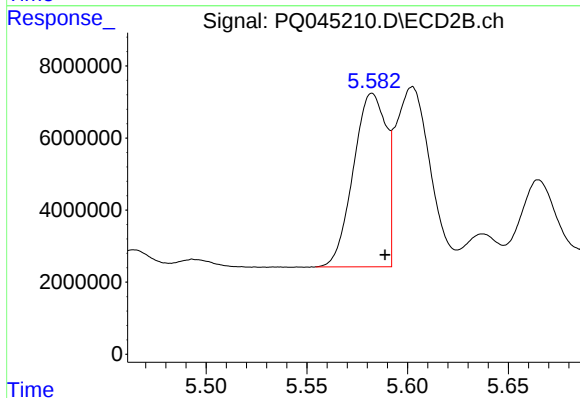
R.T.: 9.717 min
Delta R.T.: -0.007 min
Response: 255025266
Conc: 37.59 ng/ml



#3 AR-1016-1

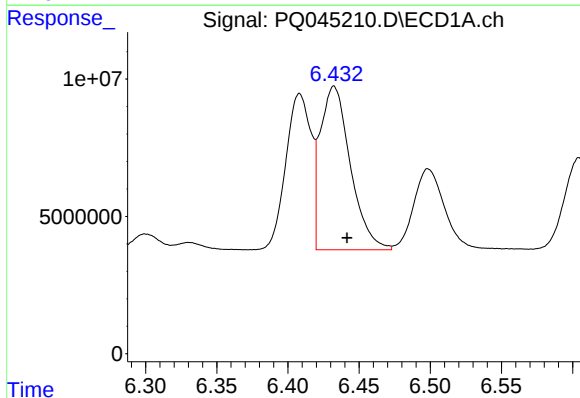
R.T.: 6.408 min
Delta R.T.: -0.010 min
Response: 70373007
Conc: 280.03 ng/ml

Instrument :
ECD_Q
ClientSampleId :



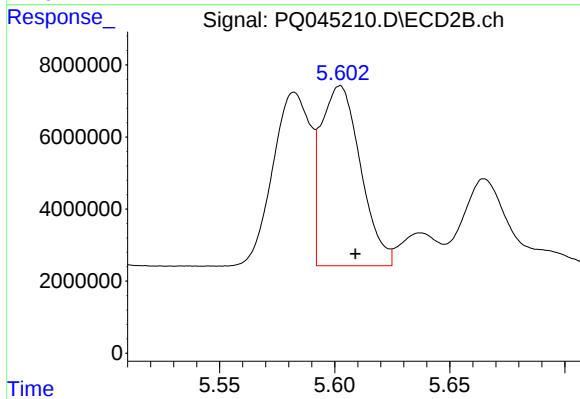
#3 AR-1016-1

R.T.: 5.582 min
Delta R.T.: -0.006 min
Response: 54661710
Conc: 296.78 ng/ml



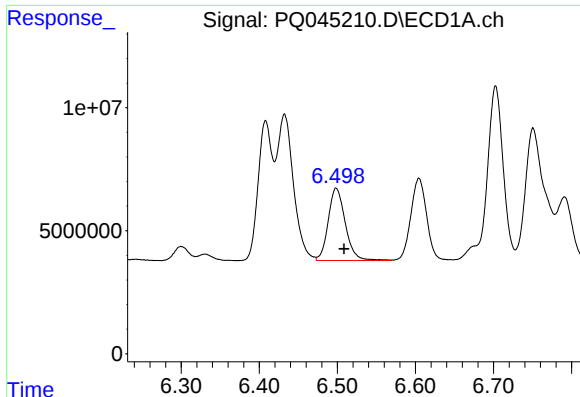
#4 AR-1016-2

R.T.: 6.432 min
Delta R.T.: -0.009 min
Response: 87580116
Conc: 231.60 ng/ml



#4 AR-1016-2

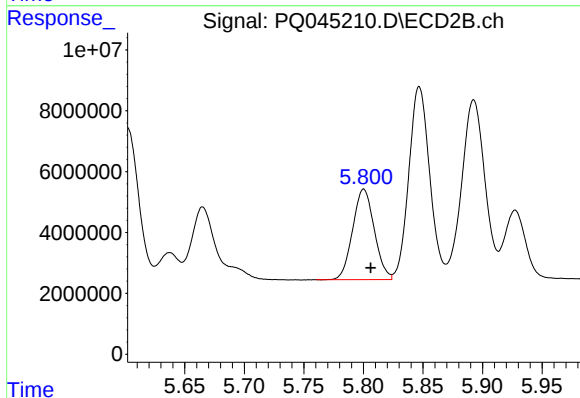
R.T.: 5.602 min
Delta R.T.: -0.007 min
Response: 59812339
Conc: 226.36 ng/ml



#5 AR-1016-3

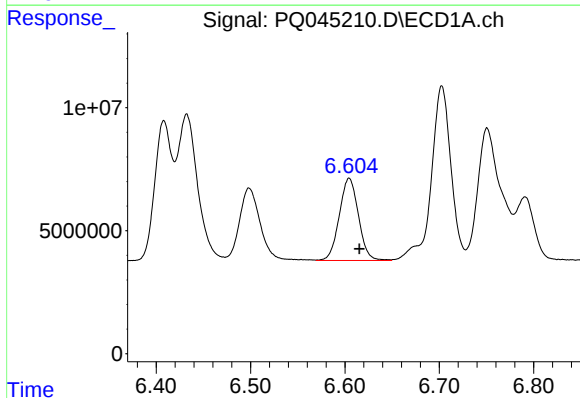
R.T.: 6.498 min
Delta R.T.: -0.010 min
Response: 44907111
Conc: 193.42 ng/ml

Instrument :
ECD_Q
ClientSampleId :



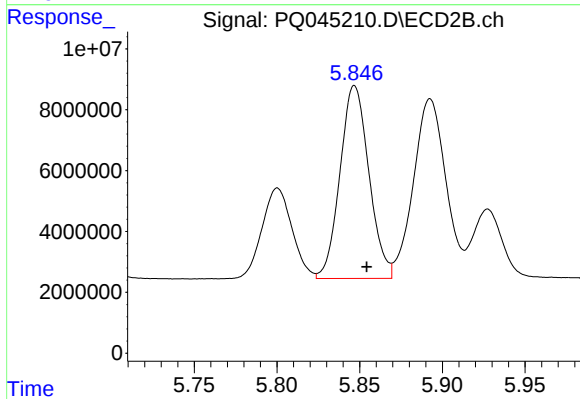
#5 AR-1016-3

R.T.: 5.800 min
Delta R.T.: -0.006 min
Response: 37520751
Conc: 290.73 ng/ml



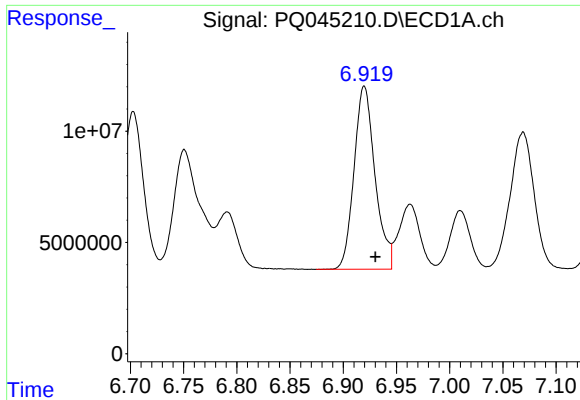
#6 AR-1016-4

R.T.: 6.605 min
Delta R.T.: -0.011 min
Response: 47185438
Conc: 249.22 ng/ml



#6 AR-1016-4

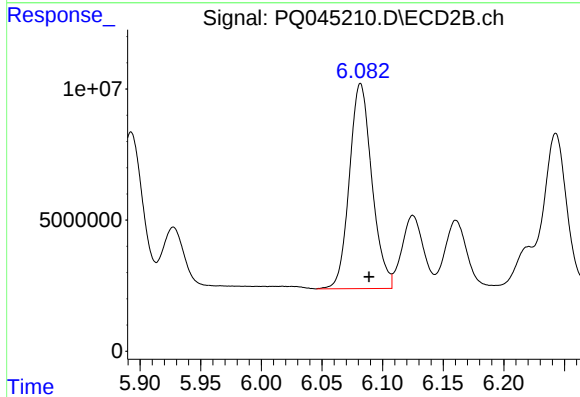
R.T.: 5.847 min
Delta R.T.: -0.007 min
Response: 77198004
Conc: 710.92 ng/ml



#7 AR-1016-5

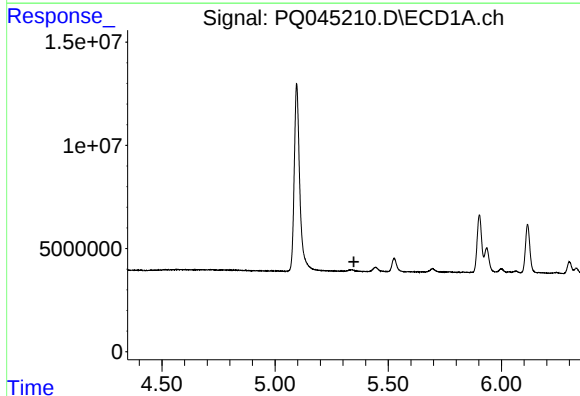
R.T.: 6.920 min
Delta R.T.: -0.010 min
Response: 112720605
Conc: 577.92 ng/ml

Instrument :
ECD_Q
ClientSampleId :



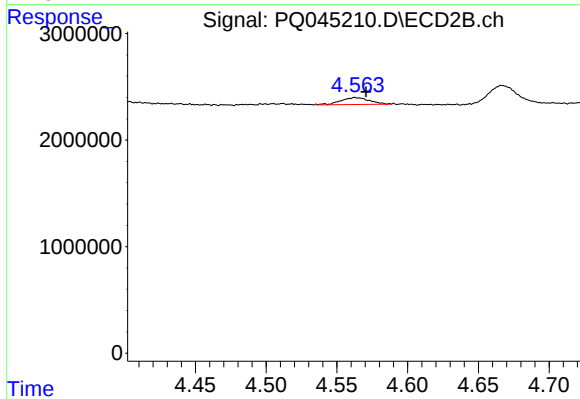
#7 AR-1016-5

R.T.: 6.082 min
Delta R.T.: -0.007 min
Response: 101142725
Conc: 662.00 ng/ml



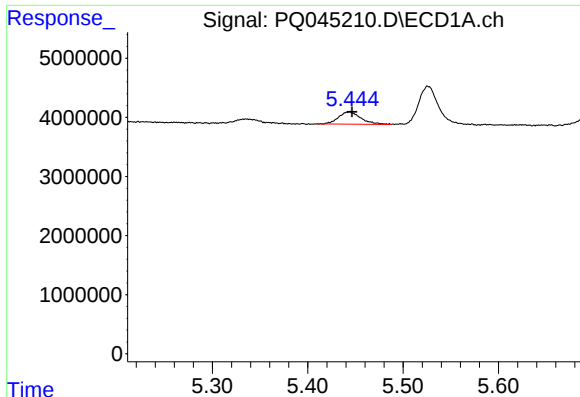
#8 AR-1221-1

R.T.: 0.000 min
Exp R.T. : 5.348 min
Response: 0
Conc: N.D.



#8 AR-1221-1

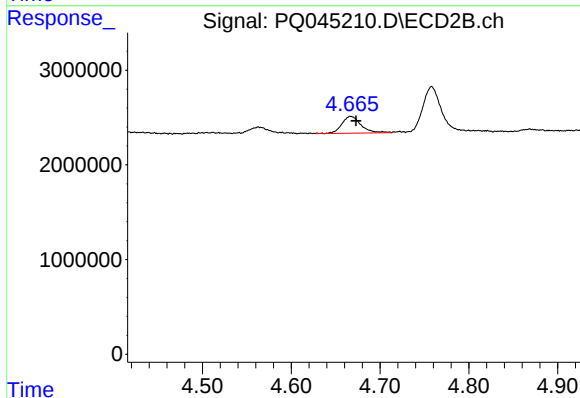
R.T.: 4.563 min
Delta R.T.: -0.008 min
Response: 894560
Conc: 16.68 ng/ml



#9 AR-1221-2

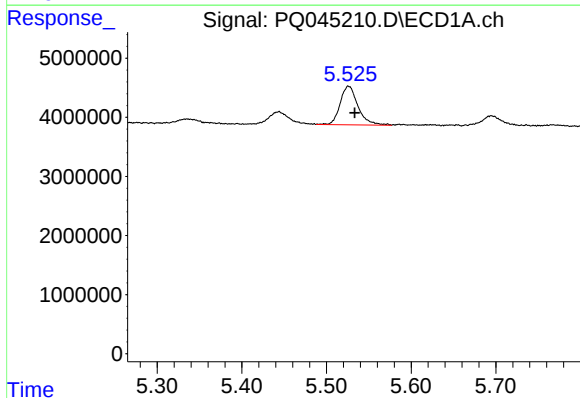
R.T.: 5.444 min
Delta R.T.: -0.002 min
Response: 3437127
Conc: 58.54 ng/ml

Instrument :
ECD_Q
ClientSampleId :



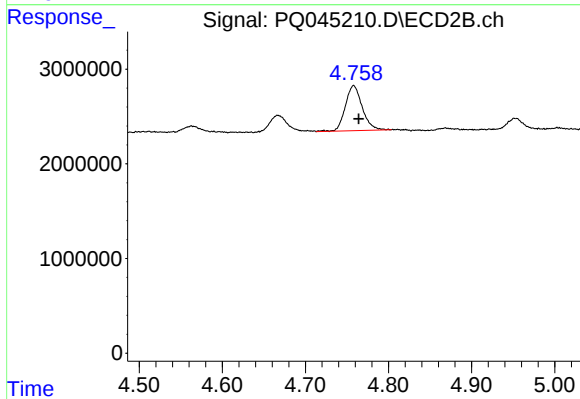
#9 AR-1221-2

R.T.: 4.666 min
Delta R.T.: -0.006 min
Response: 2651461
Conc: 67.16 ng/ml



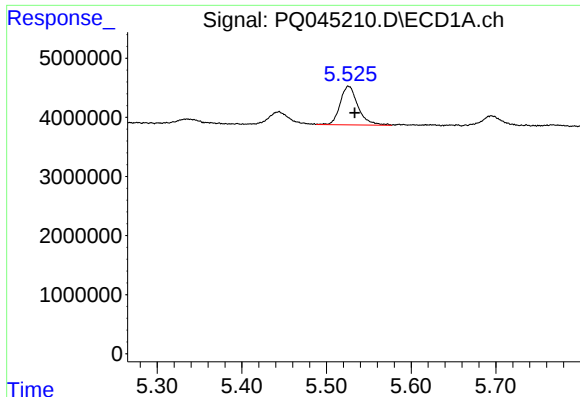
#10 AR-1221-3

R.T.: 5.526 min
Delta R.T.: -0.008 min
Response: 9578180
Conc: 48.81 ng/ml



#10 AR-1221-3

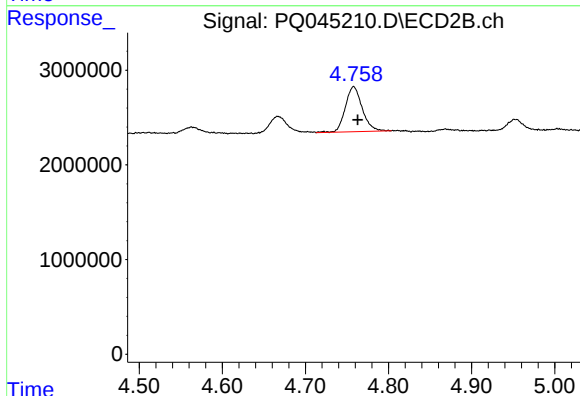
R.T.: 4.758 min
Delta R.T.: -0.006 min
Response: 6724439
Conc: 51.44 ng/ml



#11 AR-1232-1

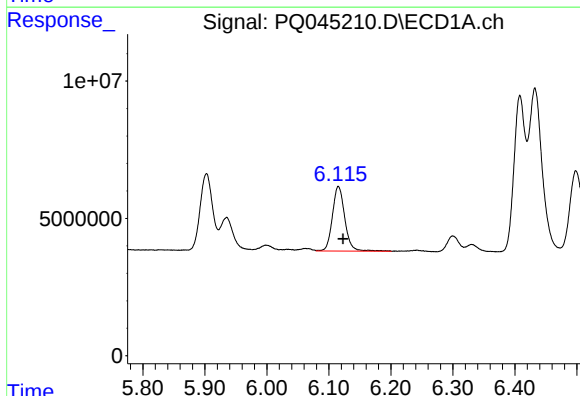
R.T.: 5.526 min
Delta R.T.: -0.008 min
Response: 9578180
Conc: 54.94 ng/ml

Instrument :
ECD_Q
ClientSampleId :



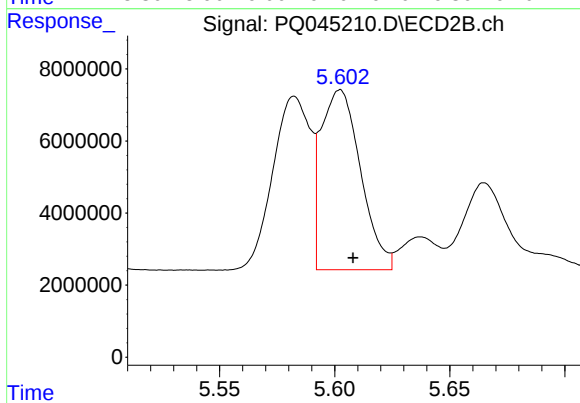
#11 AR-1232-1

R.T.: 4.758 min
Delta R.T.: -0.005 min
Response: 6724439
Conc: 58.30 ng/ml



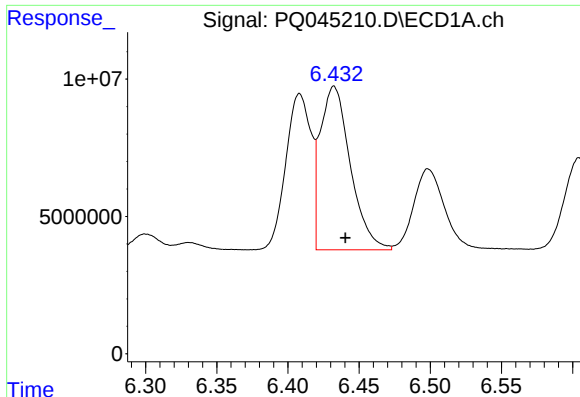
#12 AR-1232-2

R.T.: 6.115 min
Delta R.T.: -0.008 min
Response: 32705550
Conc: 364.66 ng/ml



#12 AR-1232-2

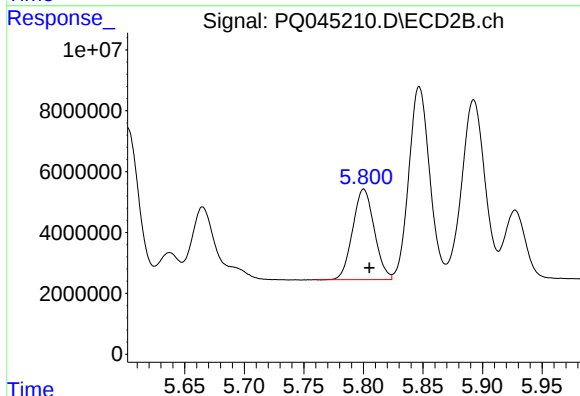
R.T.: 5.602 min
Delta R.T.: -0.006 min
Response: 59812339
Conc: 480.90 ng/ml



#13 AR-1232-3

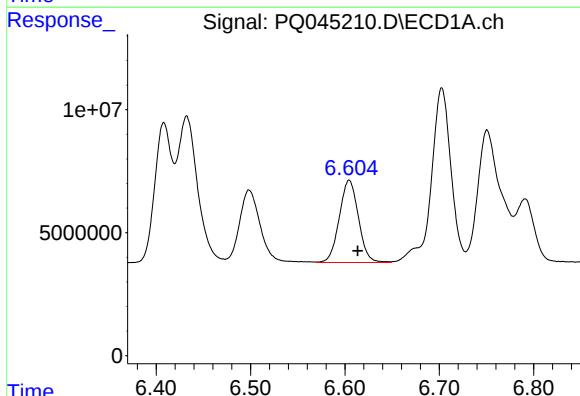
R.T.: 6.432 min
Delta R.T.: -0.008 min
Response: 87580116
Conc: 496.02 ng/ml

Instrument :
ECD_Q
ClientSampleId :



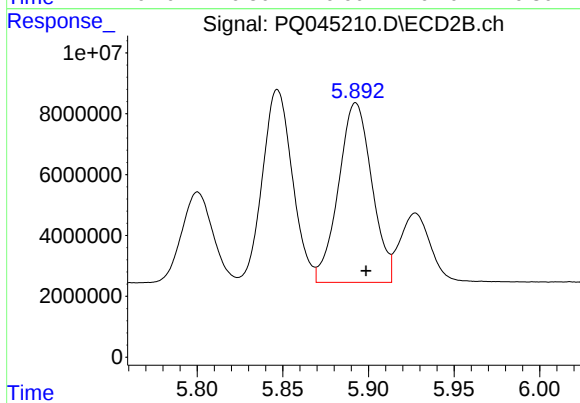
#13 AR-1232-3

R.T.: 5.800 min
Delta R.T.: -0.005 min
Response: 37520751
Conc: 633.58 ng/ml



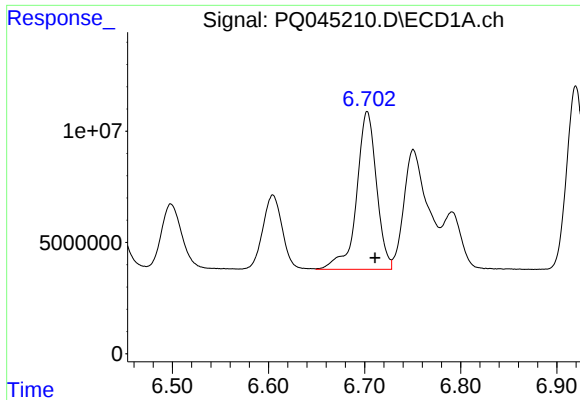
#14 AR-1232-4

R.T.: 6.605 min
Delta R.T.: -0.009 min
Response: 47185438
Conc: 533.32 ng/ml



#14 AR-1232-4

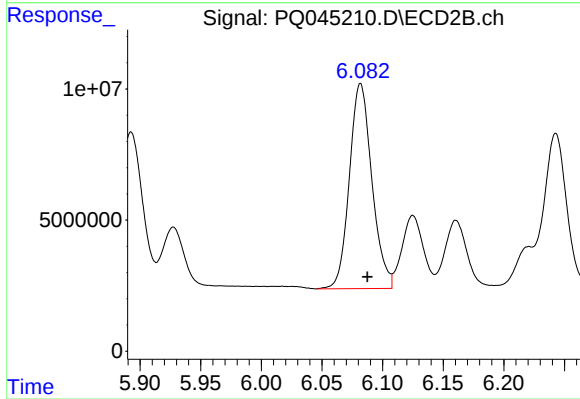
R.T.: 5.893 min
Delta R.T.: -0.006 min
Response: 80090785
Conc: 1332.31 ng/ml



#15 AR-1232-5

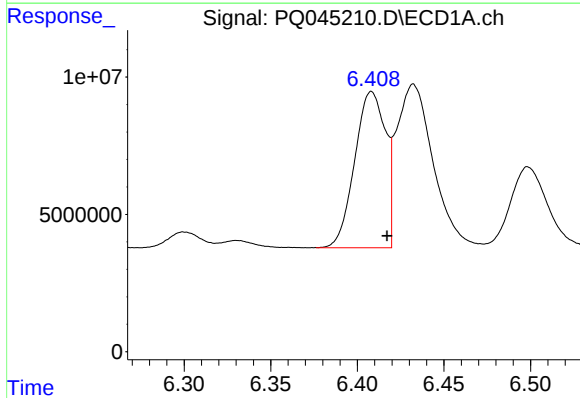
R.T.: 6.703 min
Delta R.T.: -0.008 min
Response: 102233551
Conc: 1541.05 ng/ml

Instrument :
ECD_Q
ClientSampleId :



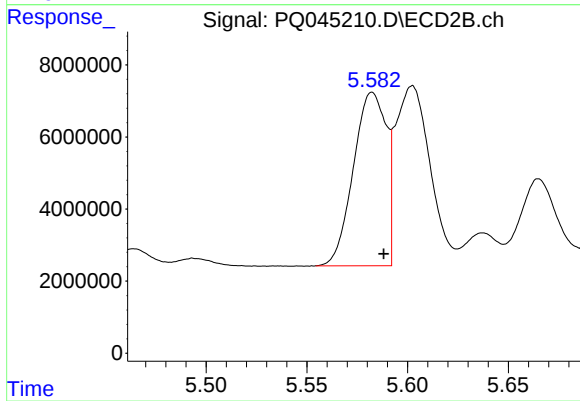
#15 AR-1232-5

R.T.: 6.082 min
Delta R.T.: -0.006 min
Response: 101142725
Conc: 1388.69 ng/ml



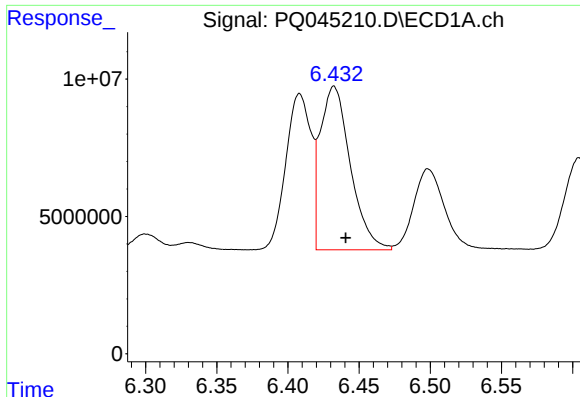
#16 AR-1242-1

R.T.: 6.408 min
Delta R.T.: -0.009 min
Response: 70373007
Conc: 327.40 ng/ml



#16 AR-1242-1

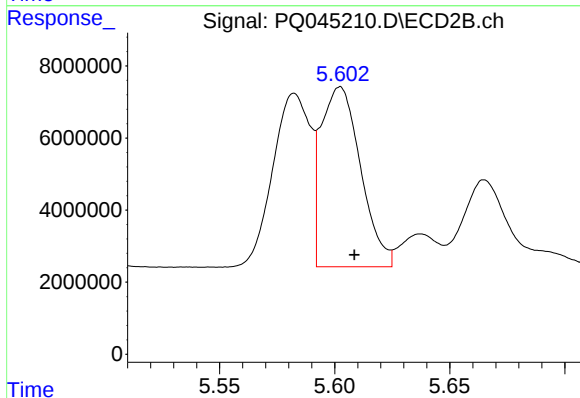
R.T.: 5.582 min
Delta R.T.: -0.006 min
Response: 54661710
Conc: 348.64 ng/ml



#17 AR-1242-2

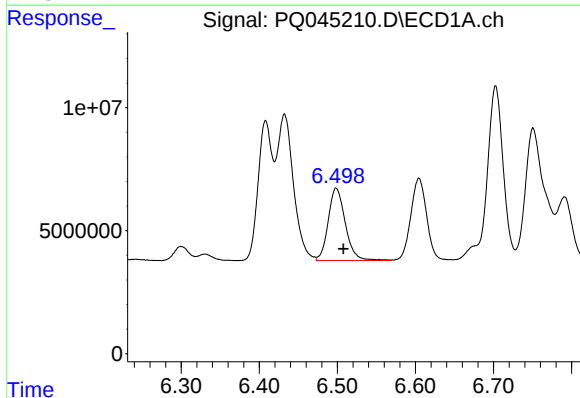
R.T.: 6.432 min
Delta R.T.: -0.008 min
Response: 87580116
Conc: 272.34 ng/ml

Instrument :
ECD_Q
ClientSampleId :



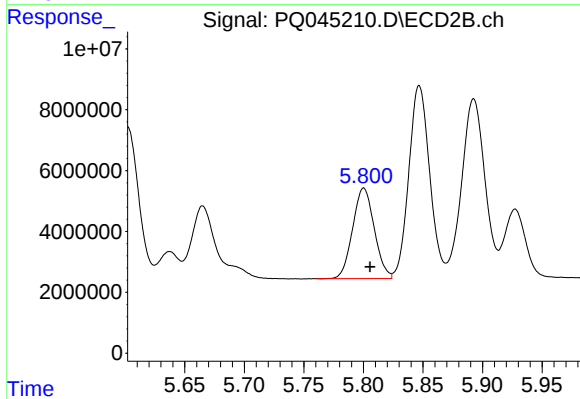
#17 AR-1242-2

R.T.: 5.602 min
Delta R.T.: -0.006 min
Response: 59812339
Conc: 267.32 ng/ml



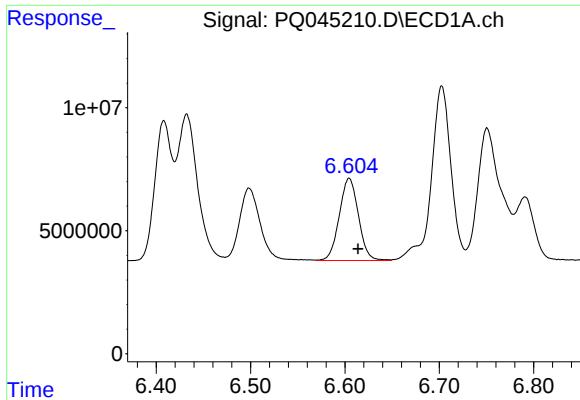
#18 AR-1242-3

R.T.: 6.498 min
Delta R.T.: -0.009 min
Response: 44907111
Conc: 226.33 ng/ml



#18 AR-1242-3

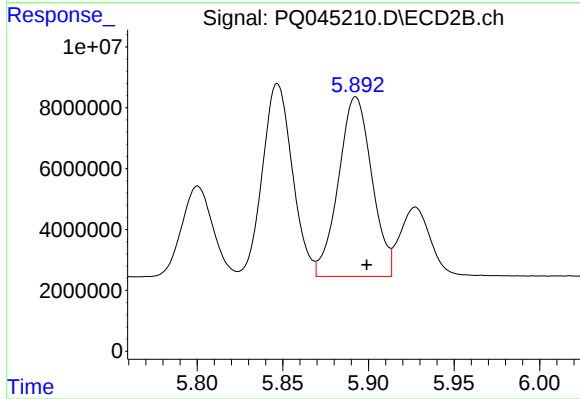
R.T.: 5.800 min
Delta R.T.: -0.005 min
Response: 37520751
Conc: 337.58 ng/ml



#19 AR-1242-4

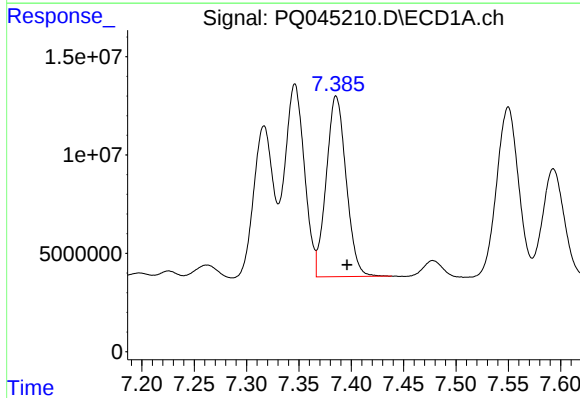
R.T.: 6.605 min
Delta R.T.: -0.010 min
Response: 47185438
Conc: 292.25 ng/ml

Instrument :
ECD_Q
ClientSampleId :



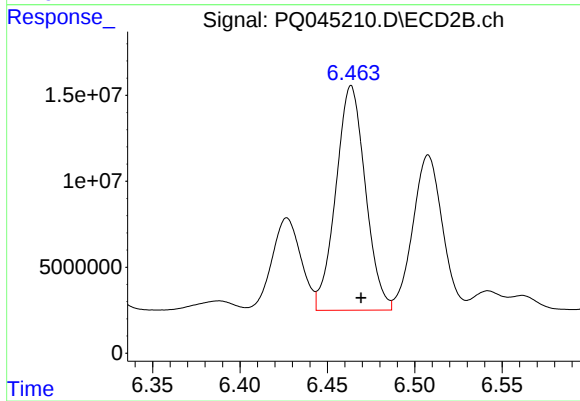
#19 AR-1242-4

R.T.: 5.893 min
Delta R.T.: -0.006 min
Response: 80090785
Conc: 671.65 ng/ml



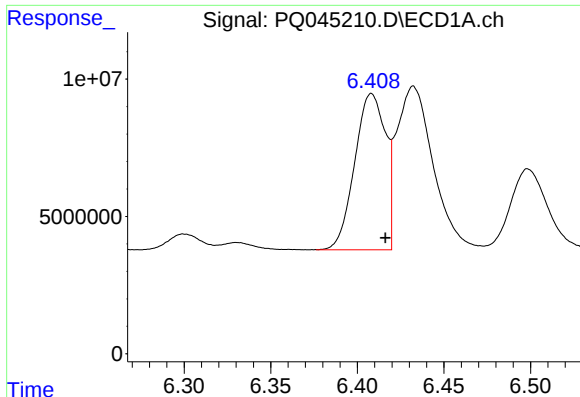
#20 AR-1242-5

R.T.: 7.386 min
Delta R.T.: -0.010 min
Response: 121262881
Conc: 670.09 ng/ml



#20 AR-1242-5

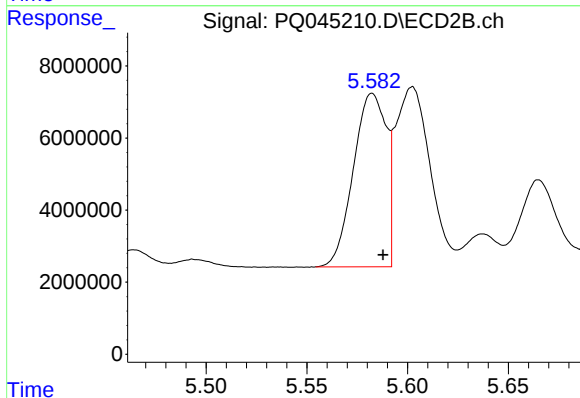
R.T.: 6.464 min
Delta R.T.: -0.006 min
Response: 153725027
Conc: 936.19 ng/ml



#21 AR-1248-1

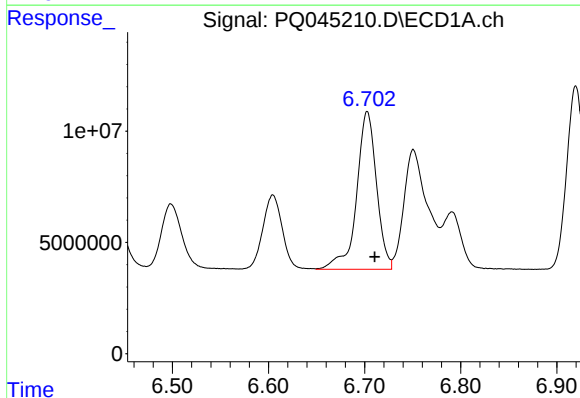
R.T.: 6.408 min
Delta R.T.: -0.008 min
Response: 70373007
Conc: 417.84 ng/ml

Instrument :
ECD_Q
ClientSampleId :



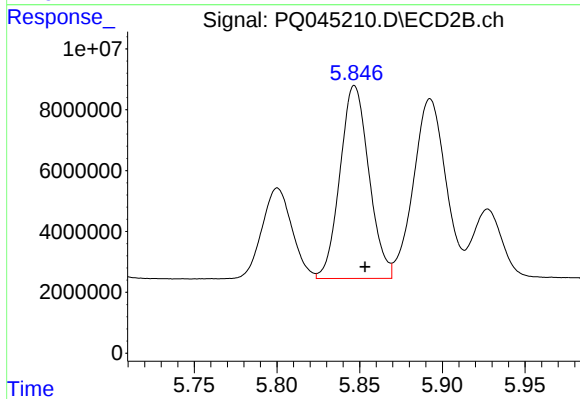
#21 AR-1248-1

R.T.: 5.582 min
Delta R.T.: -0.005 min
Response: 54661710
Conc: 439.22 ng/ml



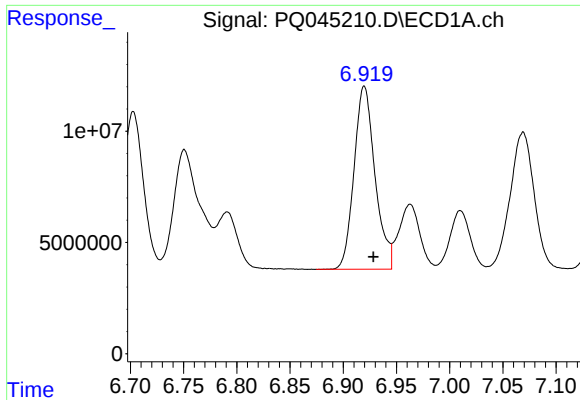
#22 AR-1248-2

R.T.: 6.703 min
Delta R.T.: -0.008 min
Response: 102233551
Conc: 417.39 ng/ml



#22 AR-1248-2

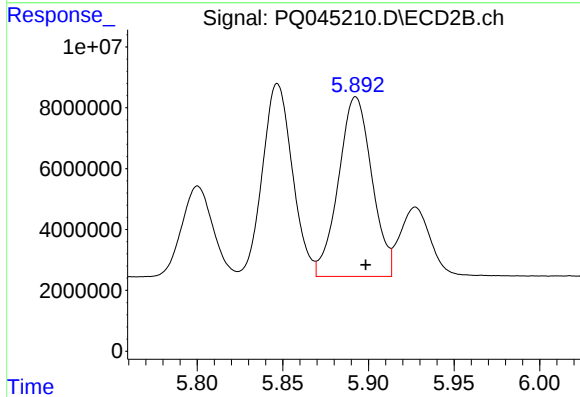
R.T.: 5.847 min
Delta R.T.: -0.006 min
Response: 77198004
Conc: 453.50 ng/ml



#23 AR-1248-3

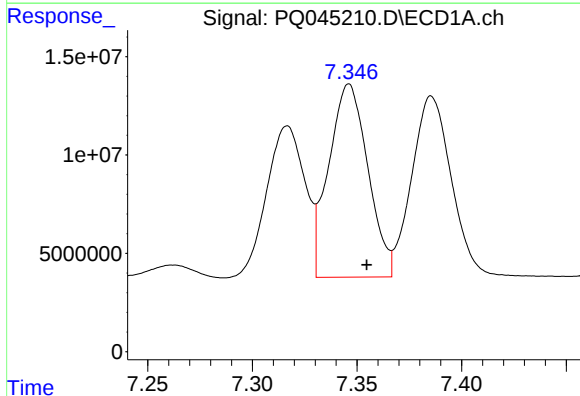
R.T.: 6.920 min
Delta R.T.: -0.008 min
Response: 112720605
Conc: 414.17 ng/ml

Instrument :
ECD_Q
ClientSampleId :



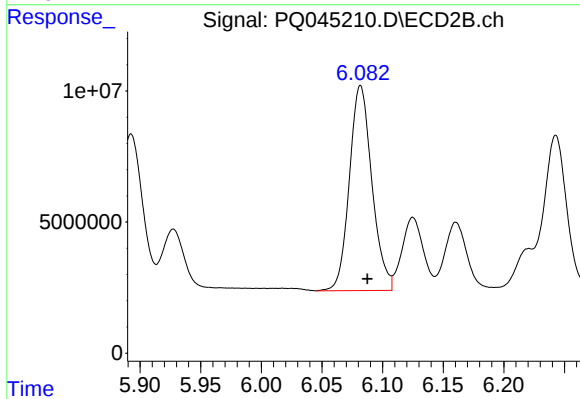
#23 AR-1248-3

R.T.: 5.893 min
Delta R.T.: -0.006 min
Response: 80090785
Conc: 447.83 ng/ml



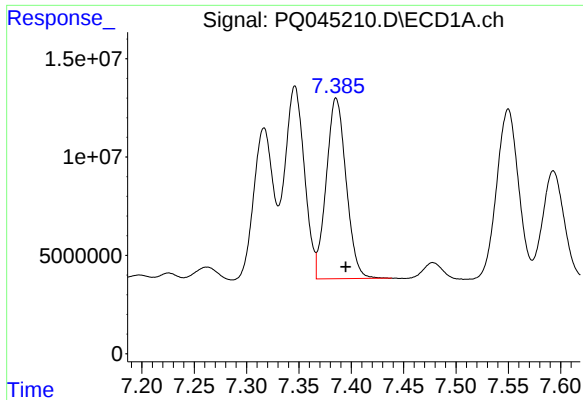
#24 AR-1248-4

R.T.: 7.346 min
Delta R.T.: -0.009 min
Response: 127714180
Conc: 421.68 ng/ml



#24 AR-1248-4

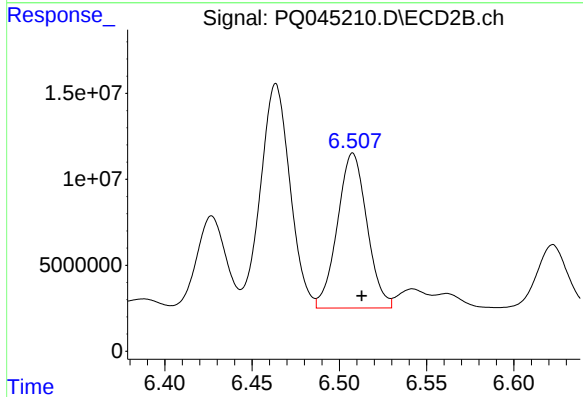
R.T.: 6.082 min
Delta R.T.: -0.006 min
Response: 101142725
Conc: 464.66 ng/ml



#25 AR-1248-5

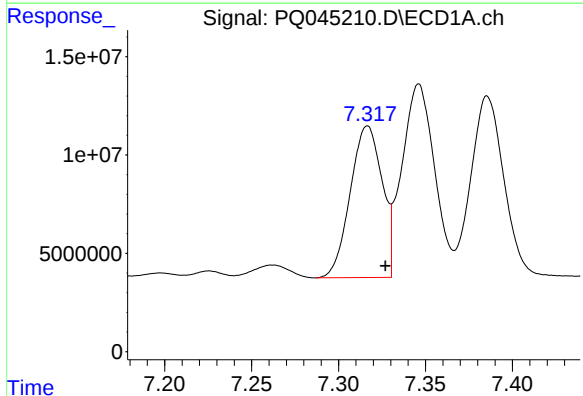
R.T.: 7.386 min
Delta R.T.: -0.009 min
Response: 121262881
Conc: 423.92 ng/ml

Instrument :
ECD_Q
ClientSampleId :



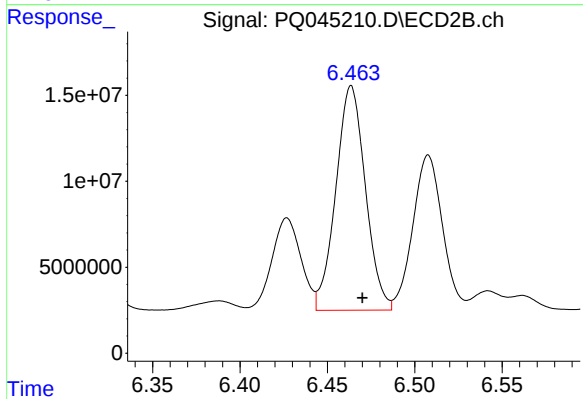
#25 AR-1248-5

R.T.: 6.508 min
Delta R.T.: -0.005 min
Response: 106262180
Conc: 476.54 ng/ml



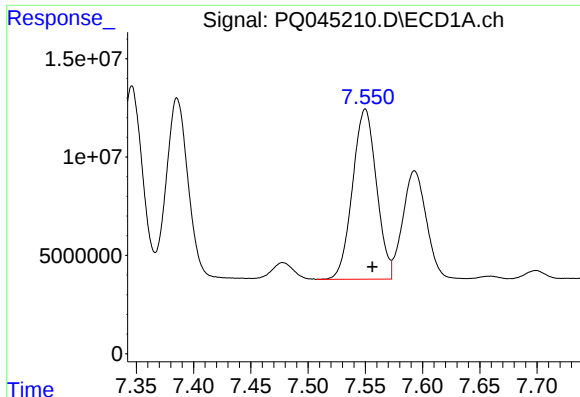
#26 AR-1254-1

R.T.: 7.317 min
Delta R.T.: -0.010 min
Response: 98302207
Conc: 303.82 ng/ml



#26 AR-1254-1

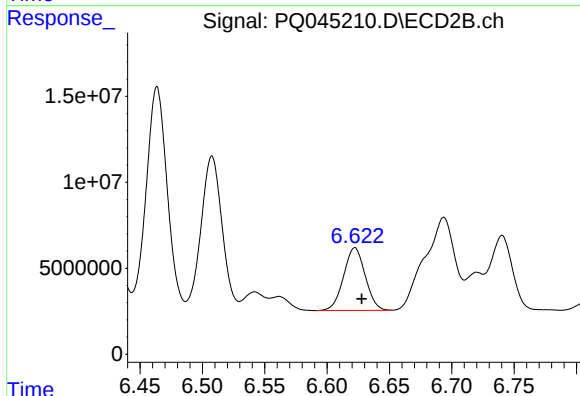
R.T.: 6.464 min
Delta R.T.: -0.006 min
Response: 153725027
Conc: 422.58 ng/ml



#27 AR-1254-2

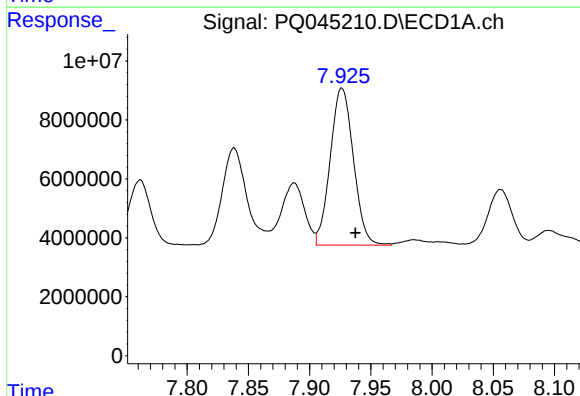
R.T.: 7.550 min
Delta R.T.: -0.006 min
Response: 125851111
Conc: 253.48 ng/ml

Instrument :
ECD_Q
ClientSampleId :



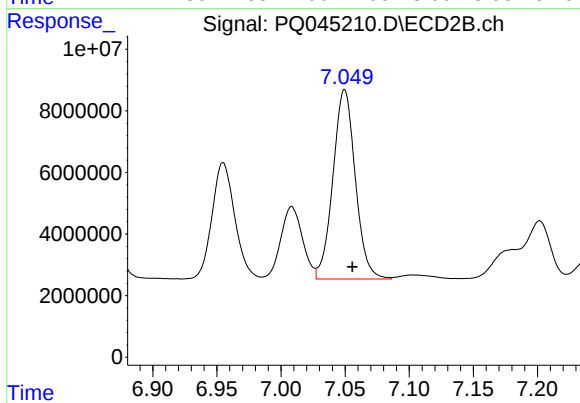
#27 AR-1254-2

R.T.: 6.622 min
Delta R.T.: -0.006 min
Response: 44089861
Conc: 136.89 ng/ml



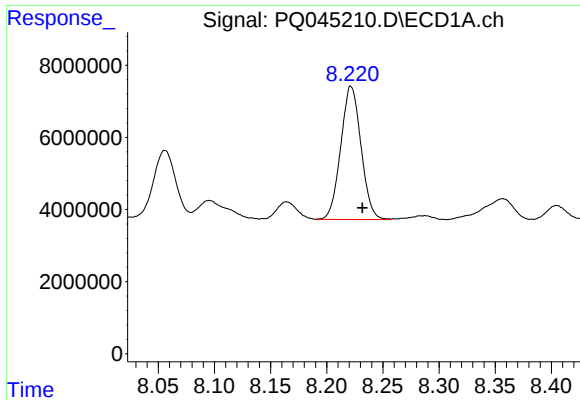
#28 AR-1254-3

R.T.: 7.926 min
Delta R.T.: -0.011 min
Response: 70354739
Conc: 132.18 ng/ml



#28 AR-1254-3

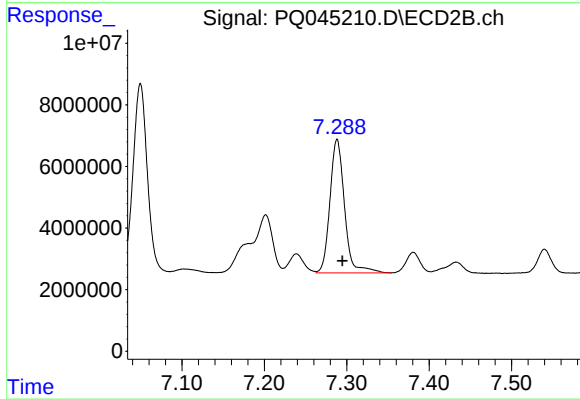
R.T.: 7.050 min
Delta R.T.: -0.006 min
Response: 74714789
Conc: 134.70 ng/ml



#29 AR-1254-4

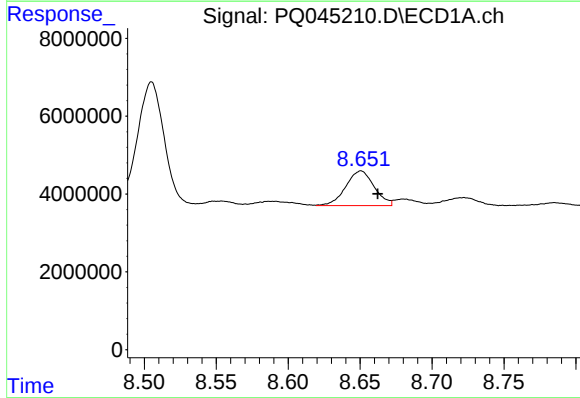
R.T.: 8.222 min
Delta R.T.: -0.010 min
Response: 46419105
Conc: 120.17 ng/ml

Instrument :
ECD_Q
ClientSampleId :



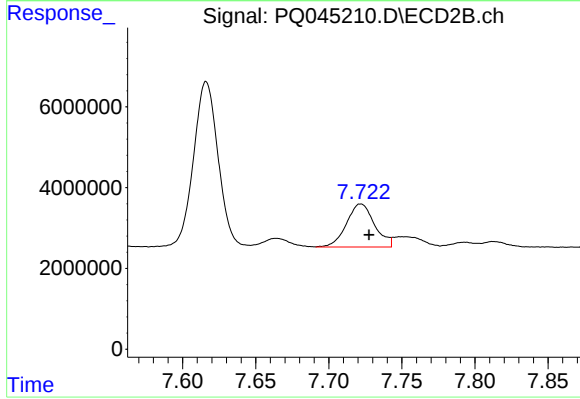
#29 AR-1254-4

R.T.: 7.288 min
Delta R.T.: -0.006 min
Response: 53332141
Conc: 149.21 ng/ml



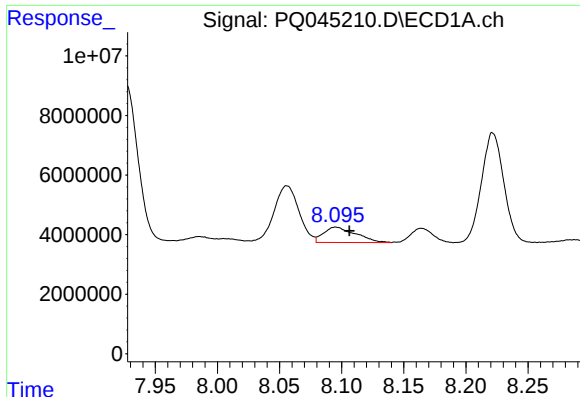
#30 AR-1254-5

R.T.: 8.651 min
Delta R.T.: -0.012 min
Response: 12304693
Conc: 28.48 ng/ml



#30 AR-1254-5

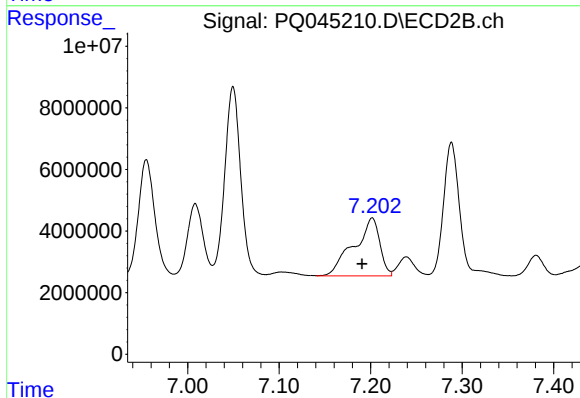
R.T.: 7.722 min
Delta R.T.: -0.006 min
Response: 14243856
Conc: 28.49 ng/ml



#31 AR-1260-1

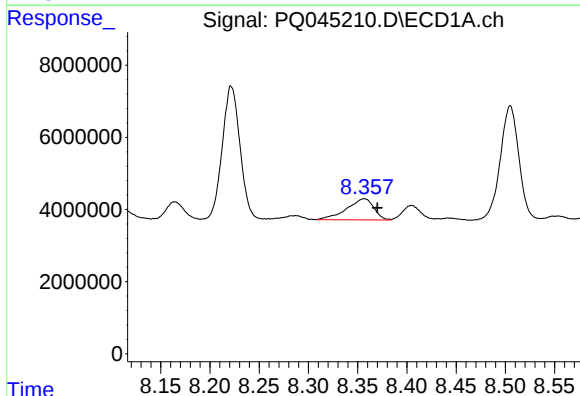
R.T.: 8.095 min
Delta R.T.: -0.011 min
Response: 9248456
Conc: 29.61 ng/ml

Instrument :
ECD_Q
ClientSampleId :



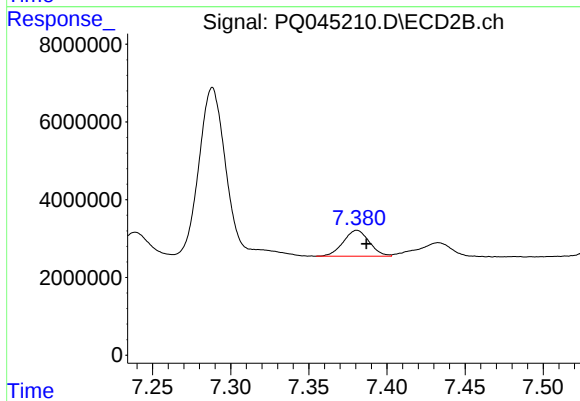
#31 AR-1260-1

R.T.: 7.202 min
Delta R.T.: 0.011 min
Response: 37159777
Conc: 121.29 ng/ml



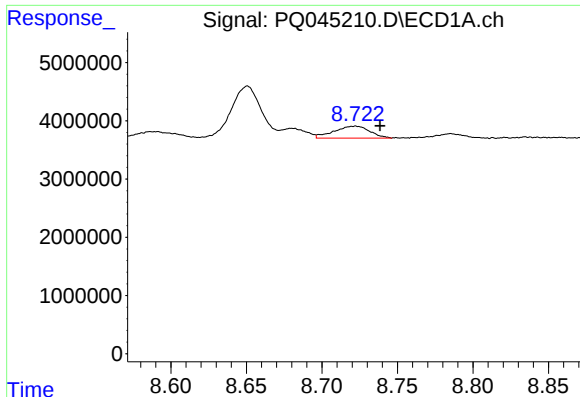
#32 AR-1260-2

R.T.: 8.357 min
Delta R.T.: -0.013 min
Response: 11250203
Conc: 27.48 ng/ml



#32 AR-1260-2

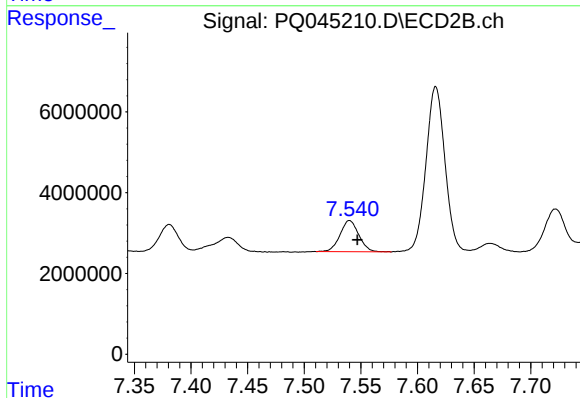
R.T.: 7.381 min
Delta R.T.: -0.006 min
Response: 7745969
Conc: 19.62 ng/ml



#33 AR-1260-3

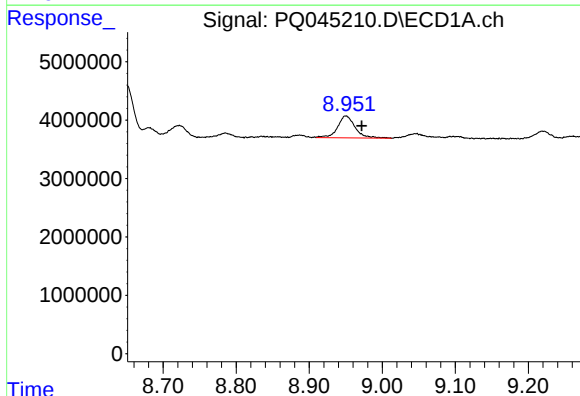
R.T.: 8.722 min
Delta R.T.: -0.016 min
Response: 3367662
Conc: 10.32 ng/ml

Instrument :
ECD_Q
ClientSampleId :



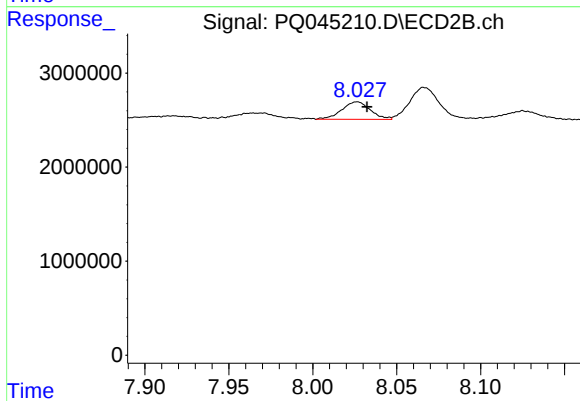
#33 AR-1260-3

R.T.: 7.540 min
Delta R.T.: -0.007 min
Response: 8939962
Conc: 26.10 ng/ml



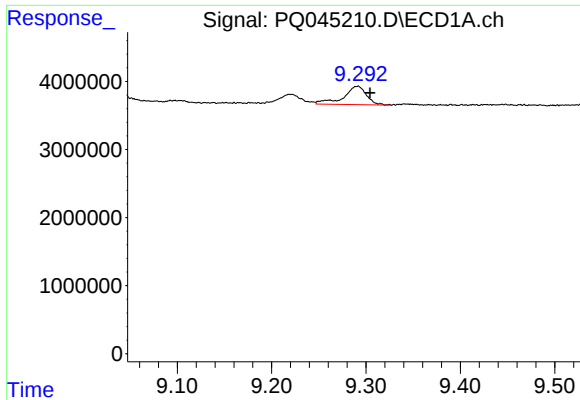
#34 AR-1260-4

R.T.: 8.950 min
Delta R.T.: -0.022 min
Response: 6292044
Conc: 16.55 ng/ml



#34 AR-1260-4

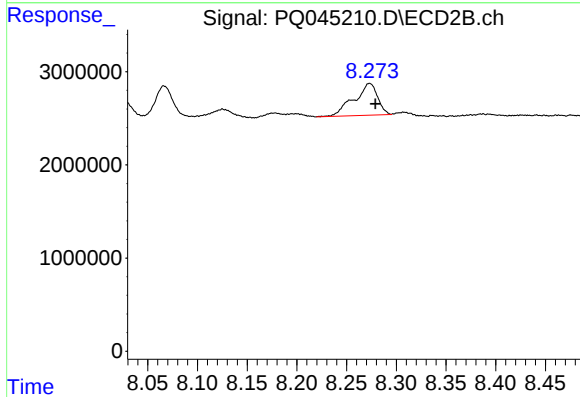
R.T.: 8.027 min
Delta R.T.: -0.006 min
Response: 2195951
Conc: 7.16 ng/ml



#35 AR-1260-5

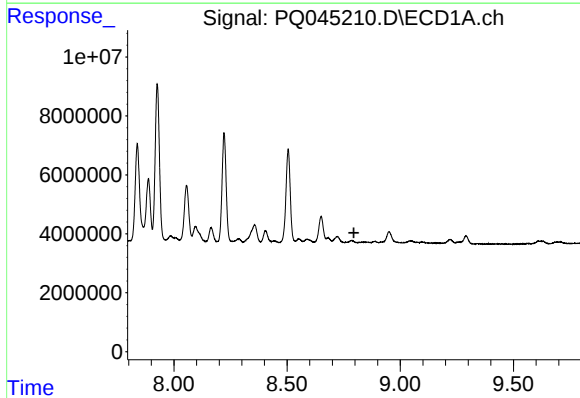
R.T.: 9.291 min
Delta R.T.: -0.013 min
Response: 4588708
Conc: 5.96 ng/ml

Instrument :
ECD_Q
ClientSampleId :



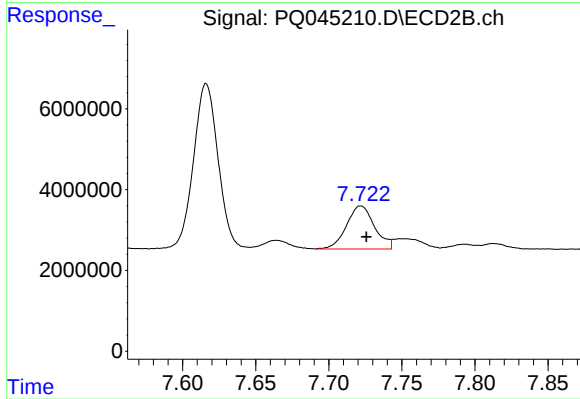
#35 AR-1260-5

R.T.: 8.273 min
Delta R.T.: -0.006 min
Response: 5639940
Conc: 7.21 ng/ml



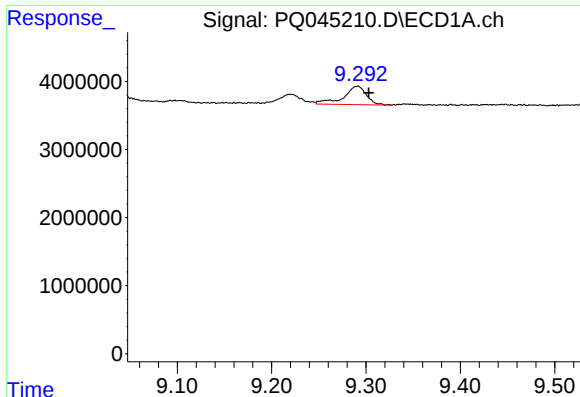
#36 AR-1262-1

R.T.: 0.000 min
Exp R.T. : 8.795 min
Response: 0
Conc: N.D.



#36 AR-1262-1

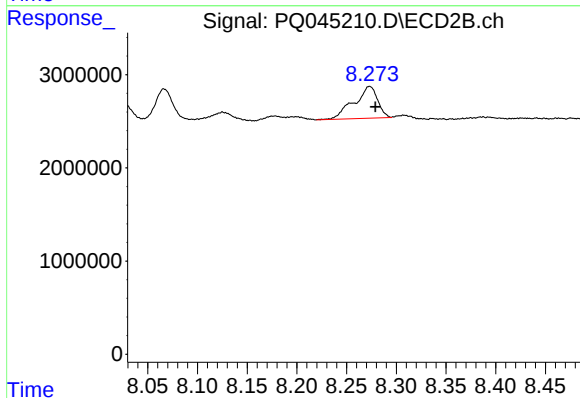
R.T.: 7.722 min
Delta R.T.: -0.004 min
Response: 14243856
Conc: 56.28 ng/ml



#37 AR-1262-2

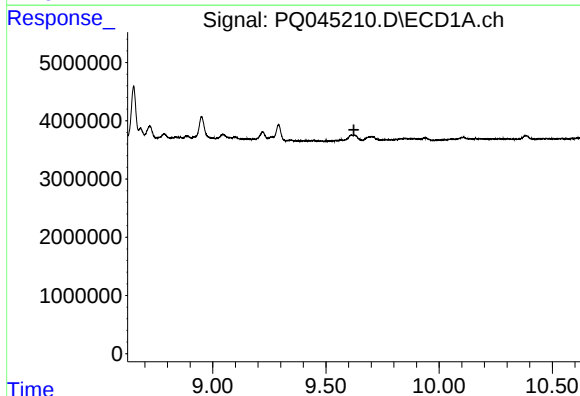
R.T.: 9.291 min
Delta R.T.: -0.012 min
Response: 4588708
Conc: 5.08 ng/ml

Instrument :
ECD_Q
ClientSampleId :



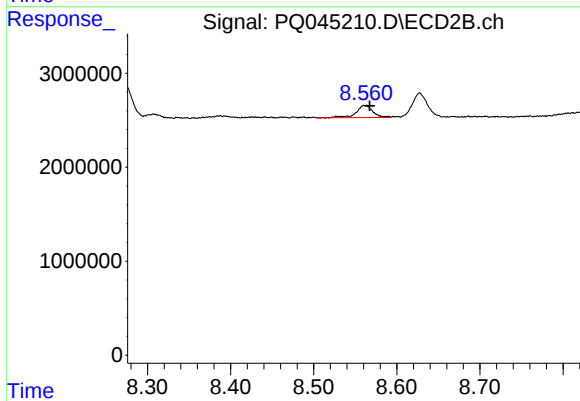
#37 AR-1262-2

R.T.: 8.273 min
Delta R.T.: -0.006 min
Response: 5639940
Conc: 5.72 ng/ml



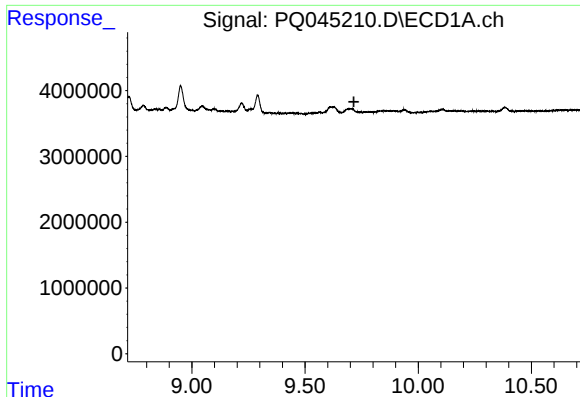
#38 AR-1262-3

R.T.: 0.000 min
Exp R.T. : 9.623 min
Response: 0
Conc: N.D.



#38 AR-1262-3

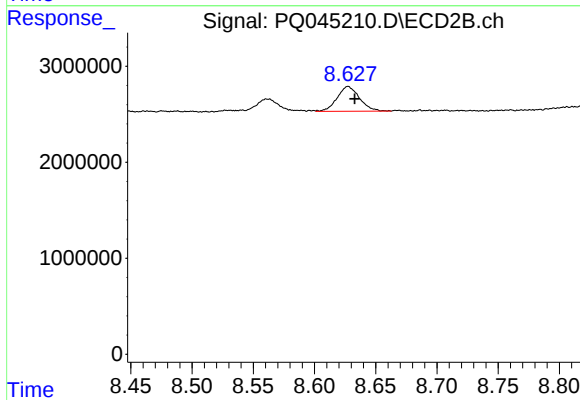
R.T.: 8.562 min
Delta R.T.: -0.006 min
Response: 1777533
Conc: 4.61 ng/ml



#39 AR-1262-4

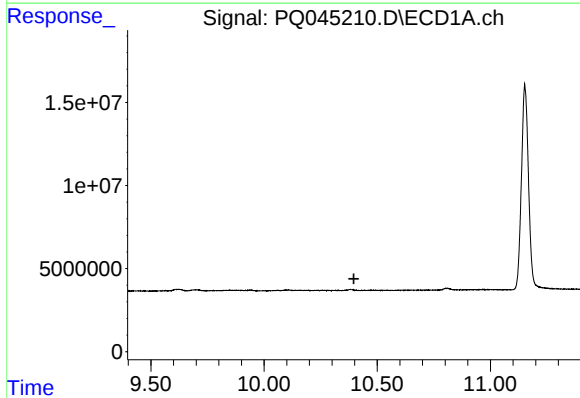
R.T.: 0.000 min
Exp R.T.: 9.716 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



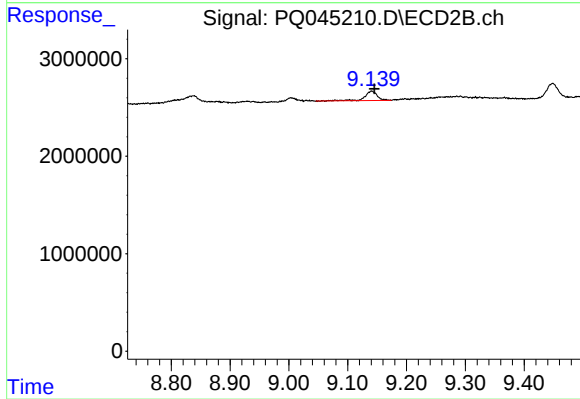
#39 AR-1262-4

R.T.: 8.627 min
Delta R.T.: -0.005 min
Response: 3264367
Conc: 4.43 ng/ml



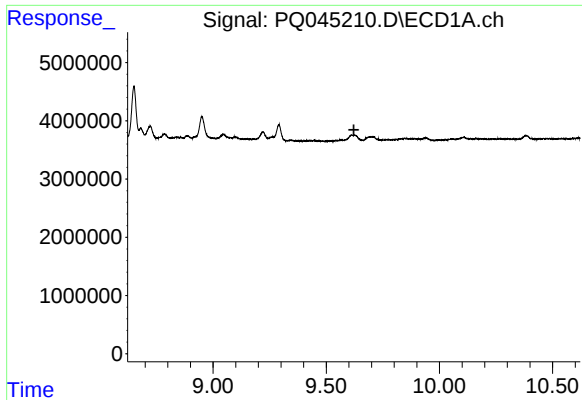
#40 AR-1262-5

R.T.: 0.000 min
Exp R.T.: 10.397 min
Response: 0
Conc: N.D.



#40 AR-1262-5

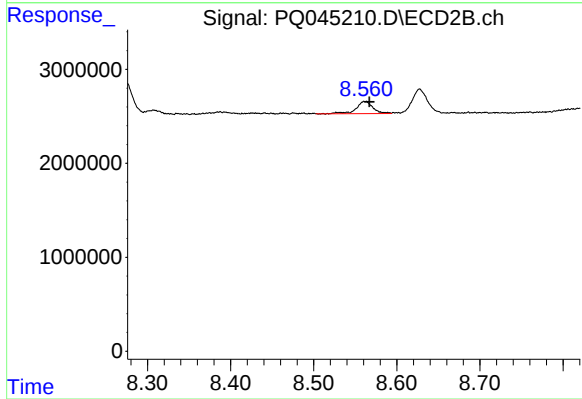
R.T.: 9.141 min
Delta R.T.: -0.004 min
Response: 1432389
Conc: 4.11 ng/ml



#41 AR-1268-1

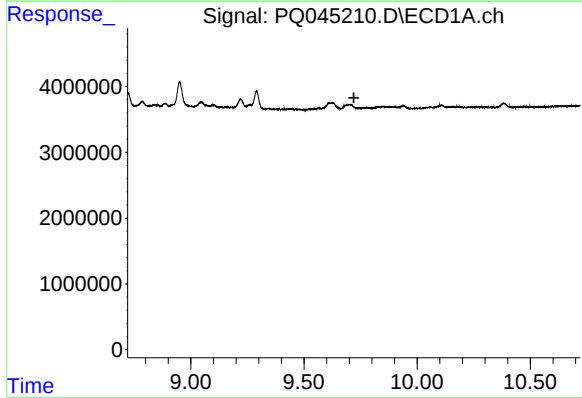
R.T.: 0.000 min
Exp R.T.: 9.622 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



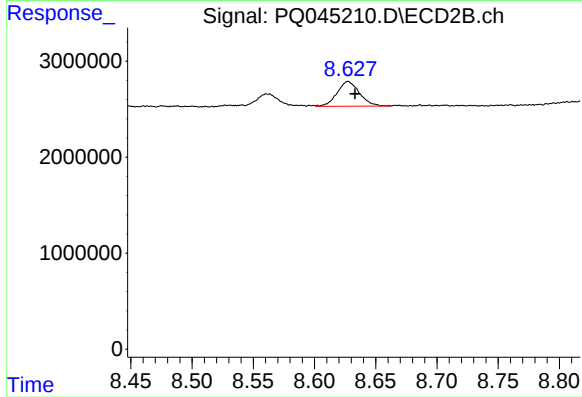
#41 AR-1268-1

R.T.: 8.562 min
Delta R.T.: -0.005 min
Response: 1777533
Conc: 1.48 ng/ml



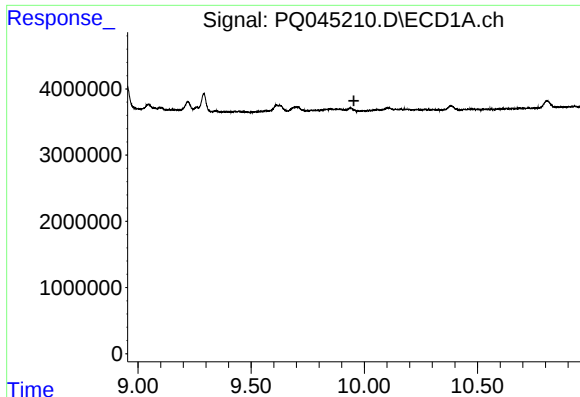
#42 AR-1268-2

R.T.: 0.000 min
Exp R.T.: 9.720 min
Response: 0
Conc: N.D.



#42 AR-1268-2

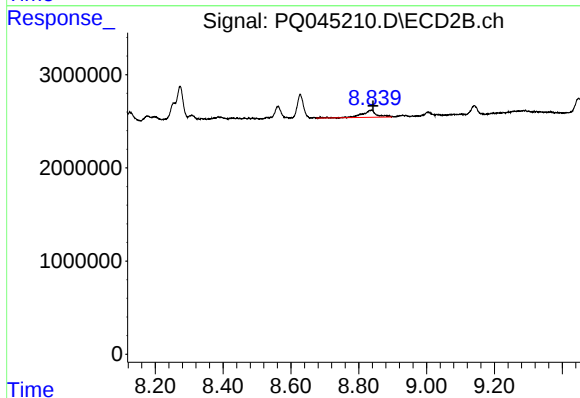
R.T.: 8.627 min
Delta R.T.: -0.006 min
Response: 3264367
Conc: 2.93 ng/ml



#43 AR-1268-3

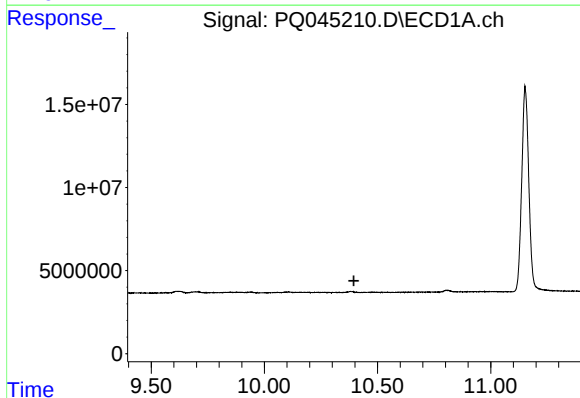
R.T.: 0.000 min
Exp R.T.: 9.954 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



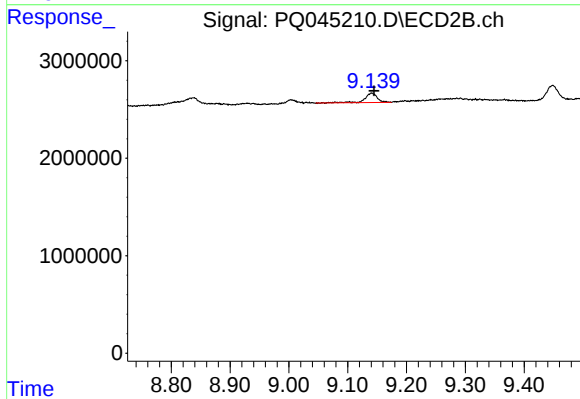
#43 AR-1268-3

R.T.: 8.838 min
Delta R.T.: -0.004 min
Response: 2368898
Conc: 2.55 ng/ml



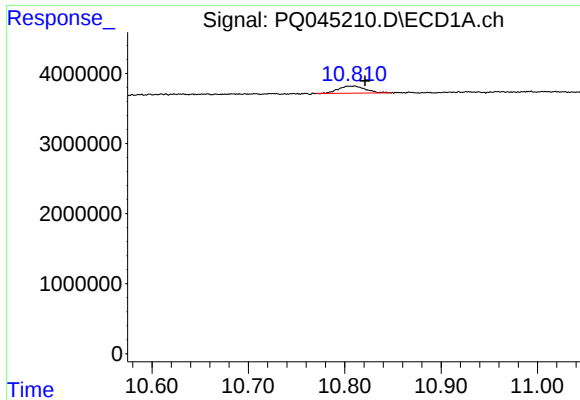
#44 AR-1268-4

R.T.: 0.000 min
Exp R.T.: 10.395 min
Response: 0
Conc: N.D.



#44 AR-1268-4

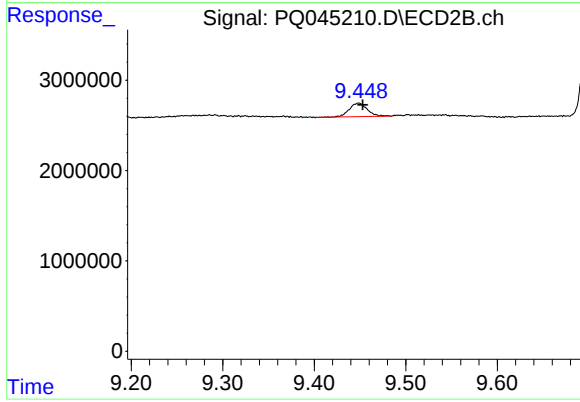
R.T.: 9.141 min
Delta R.T.: -0.004 min
Response: 1432389
Conc: 3.56 ng/ml



#45 AR-1268-5

R.T.: 10.810 min
Delta R.T.: -0.011 min
Response: 1965615
Conc: 0.75 ng/ml

Instrument :
ECD_Q
ClientSampleId :



#45 AR-1268-5

R.T.: 9.449 min
Delta R.T.: -0.005 min
Response: 2039029
Conc: 0.67 ng/ml