

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ080619\
 Data File : PQ042012.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 06 Aug 2019 10:59
 Operator : SM\AJ
 Sample : AR1248CCC400
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 06 13:33:01 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ072719CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Mon Jul 29 04:03:40 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...	5.686	4.742	43786701	38836791	19.093	20.152
2)	SA Decachlor...	12.082	10.499	332.2E6	240.0E6	39.398	49.609 #
Target Compounds							
3)	L1 AR-1016-1	7.158	6.217	32929066	22134957	304.662	213.309 #
4)	L1 AR-1016-2	7.158	6.217	32929066	22134957	210.372	154.499 #
5)	L1 AR-1016-3	7.229	6.432	16772039	16255689	173.394	217.986 #
6)	L1 AR-1016-4	7.341	6.485	15439949	34814360	197.912	561.429 #
7)	L1 AR-1016-5	7.676	6.738	43684335	37487819	555.708	460.519
10)	L2 AR-1221-3	6.171	5.270	3143533	2928660	51.077	53.705
11)	L3 AR-1232-1	6.171	5.270	3143533	2928660	58.089	60.650
12)	L3 AR-1232-2	6.816	6.217	10336380	22134957	314.590	388.143
13)	L3 AR-1232-3	7.158	6.432	32929066	16255689	493.220	545.136
14)	L3 AR-1232-4	7.341	6.534	15439949	36111364	481.346	1352.653 #
15)	L3 AR-1232-5	7.448	6.738	37532347	37487819	1746.481	1278.307 #
16)	L4 AR-1242-1	7.158	6.217	32929066	22134957	368.132	270.467 #
17)	L4 AR-1242-2	7.158	6.217	32929066	22134957	256.075	195.992
18)	L4 AR-1242-3	7.229	6.432	16772039	16255689	206.842	275.181 #
19)	L4 AR-1242-4	7.341	6.534	15439949	36111364	240.170	608.988 #
20)	L4 AR-1242-5	8.165	7.147	57389717	73635871	646.821	829.287 #
21)	L5 AR-1248-1	7.158	6.217	32929066	22134957	444.171	333.841
22)	L5 AR-1248-2	7.448	6.485	37532347	34814360	406.797	399.304
23)	L5 AR-1248-3	7.676	6.534	43684335	36111364	389.895	404.583
24)	L5 AR-1248-4	8.123	6.738	60101251	37487819	384.382	340.361
25)	L5 AR-1248-5	8.165	7.193	57389717	53149690	379.252	414.666
26)	L6 AR-1254-1	8.093	7.147	44566868	73635871	320.361	402.636 #
27)	L6 AR-1254-2	8.335	7.316	59921779	21421902	261.801	132.339 #
28)	L6 AR-1254-3	8.726	7.763	35220851	35188311	128.813	122.009
29)	L6 AR-1254-4	9.028	8.012	27961014	28803199	113.582	132.689
30)	L6 AR-1254-5	9.468	8.459	16531635	8239143	61.037	27.394 #
31)	L7 AR-1260-1	8.899	7.921	3678150	18785986	20.677	103.544 #
32)	L7 AR-1260-2	9.167	8.108	6294892	4527977	24.952	18.456 #
33)	L7 AR-1260-3	9.543	8.272	2641606	4539678	11.529	21.335 #
34)	L7 AR-1260-4	9.779	8.771	3484877	2984180	13.648	14.752
35)	L7 AR-1260-5	0.000	9.023	0	4151363	N.D.	7.034 #
36)	L8 AR-1262-1	9.543	0.000	2641606	0	17.187	N.D. #
37)	L8 AR-1262-2	0.000	9.023	0	4151363	N.D.	5.602 #
38)	L8 AR-1262-3	10.471	9.318	8979931	1202383	14.141	3.801 #
39)	L8 AR-1262-4	0.000	9.384	0	2524544	N.D.	4.489 #
41)	L9 AR-1268-1	10.471	9.318	8979931	1202383	6.304	1.052 #
42)	L9 AR-1268-2	0.000	9.384	0	2524544	N.D.	2.459 #
43)	L9 AR-1268-3	0.000	9.597	0	1517278	N.D.	1.746 #
45)	L9 AR-1268-5	11.721	10.223	4425156	2143961	1.092	0.825

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ080619\
Data File : PQ042012.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 06 Aug 2019 10:59
Operator : SM\AJ
Sample : AR1248CCC400
Misc :
ALS Vial : 4 Sample Multiplier: 1

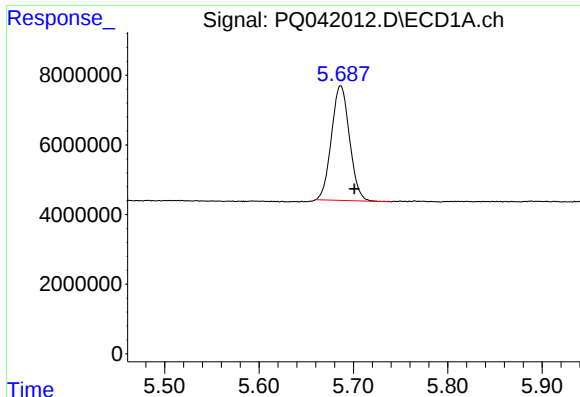
Instrument :
ECD_Q
ClientSampleId :

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 06 13:33:01 2019
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ072719CLP.M
Quant Title : GC EXTRACTABLES
QLast Update : Mon Jul 29 04:03:40 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

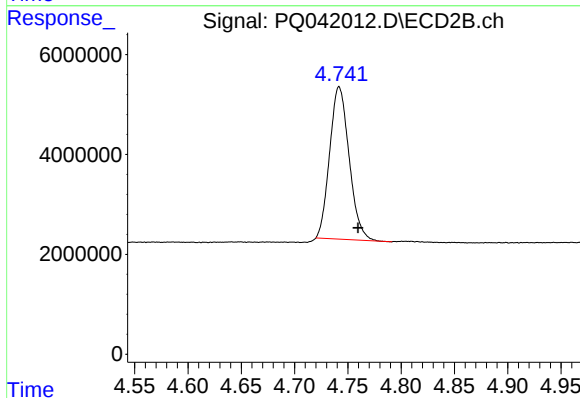
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

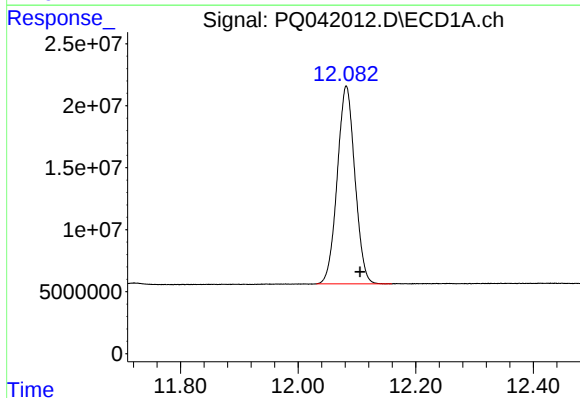
R.T.: 5.686 min
Delta R.T.: -0.015 min
Response: 43786701
Conc: 19.09 ng/ml

Instrument :
ECD_Q
ClientSampleId :



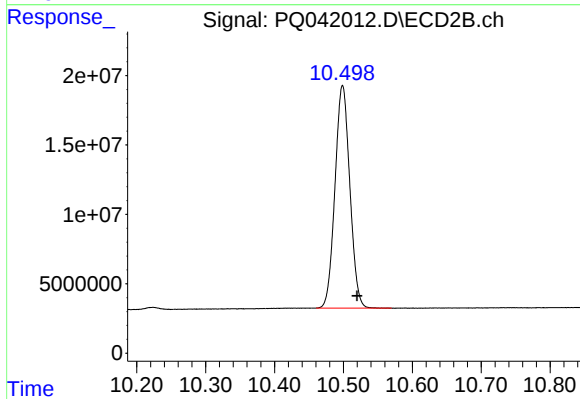
#1 Tetrachloro-m-xylene

R.T.: 4.742 min
Delta R.T.: -0.018 min
Response: 38836791
Conc: 20.15 ng/ml



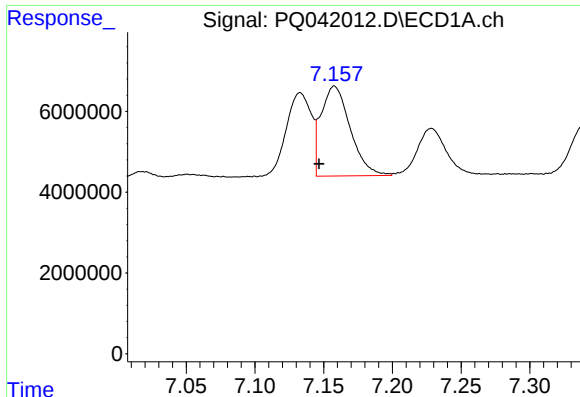
#2 Decachlorobiphenyl

R.T.: 12.082 min
Delta R.T.: -0.024 min
Response: 332176870
Conc: 39.40 ng/ml



#2 Decachlorobiphenyl

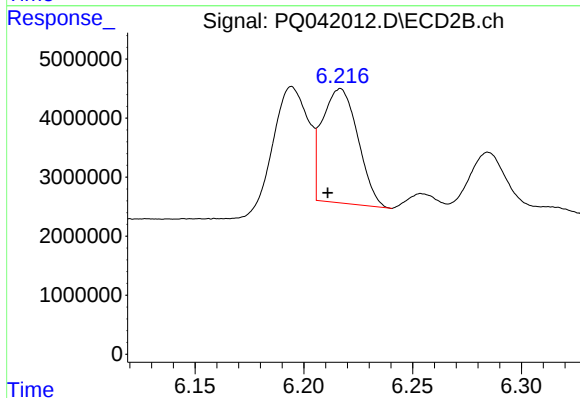
R.T.: 10.499 min
Delta R.T.: -0.021 min
Response: 239978701
Conc: 49.61 ng/ml



#3 AR-1016-1

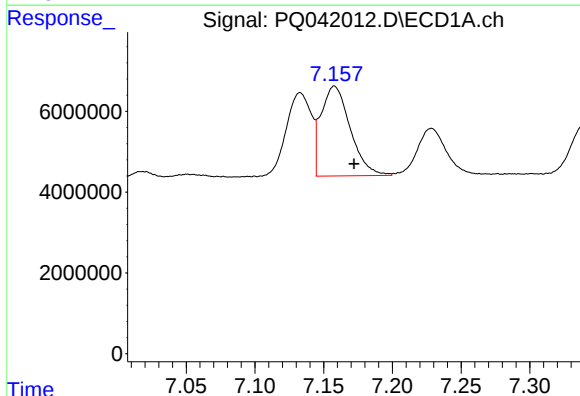
R.T.: 7.158 min
Delta R.T.: 0.011 min
Response: 32929066
Conc: 304.66 ng/ml

Instrument :
ECD_Q
ClientSampleId :



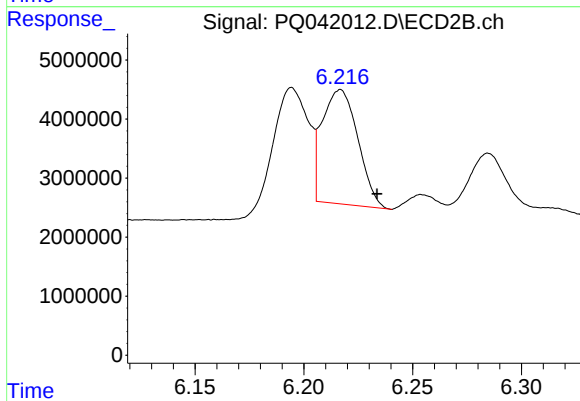
#3 AR-1016-1

R.T.: 6.217 min
Delta R.T.: 0.006 min
Response: 22134957
Conc: 213.31 ng/ml



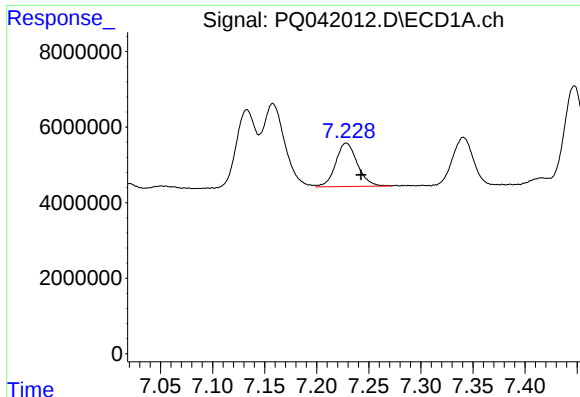
#4 AR-1016-2

R.T.: 7.158 min
Delta R.T.: -0.014 min
Response: 32929066
Conc: 210.37 ng/ml



#4 AR-1016-2

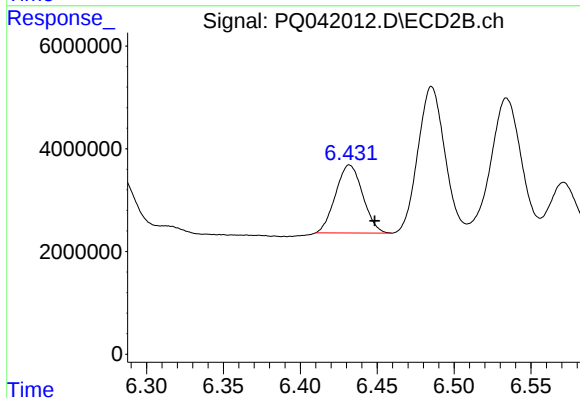
R.T.: 6.217 min
Delta R.T.: -0.017 min
Response: 22134957
Conc: 154.50 ng/ml



#5 AR-1016-3

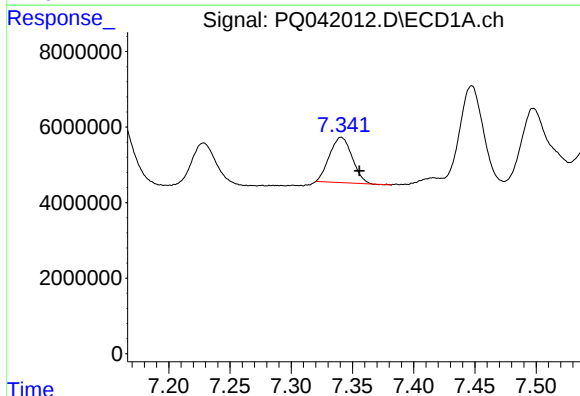
R.T.: 7.229 min
Delta R.T.: -0.014 min
Response: 16772039
Conc: 173.39 ng/ml

Instrument :
ECD_Q
ClientSampleId :



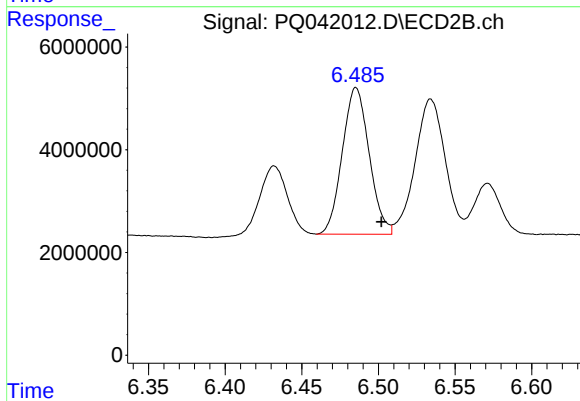
#5 AR-1016-3

R.T.: 6.432 min
Delta R.T.: -0.016 min
Response: 16255689
Conc: 217.99 ng/ml



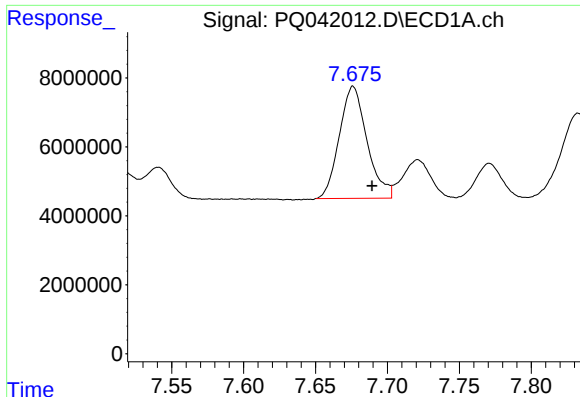
#6 AR-1016-4

R.T.: 7.341 min
Delta R.T.: -0.015 min
Response: 15439949
Conc: 197.91 ng/ml



#6 AR-1016-4

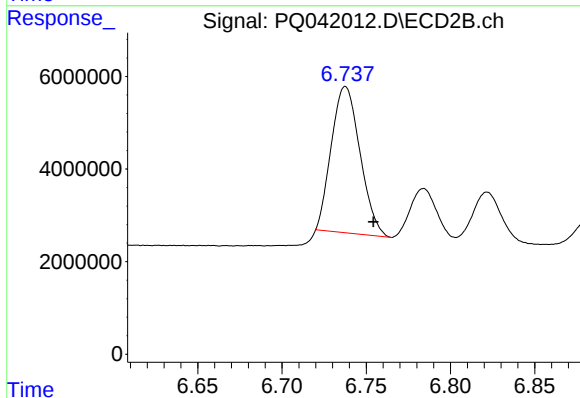
R.T.: 6.485 min
Delta R.T.: -0.017 min
Response: 34814360
Conc: 561.43 ng/ml



#7 AR-1016-5

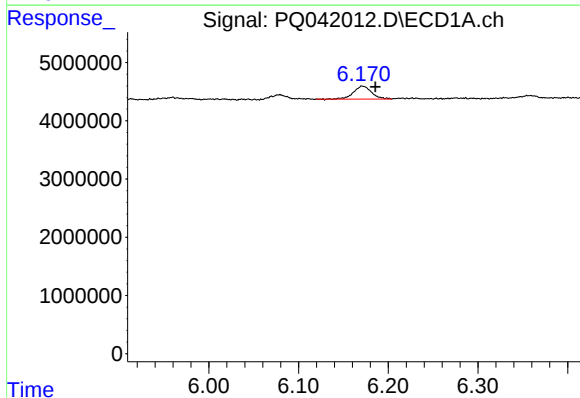
R.T.: 7.676 min
Delta R.T.: -0.013 min
Response: 43684335
Conc: 555.71 ng/ml

Instrument :
ECD_Q
ClientSampleId :



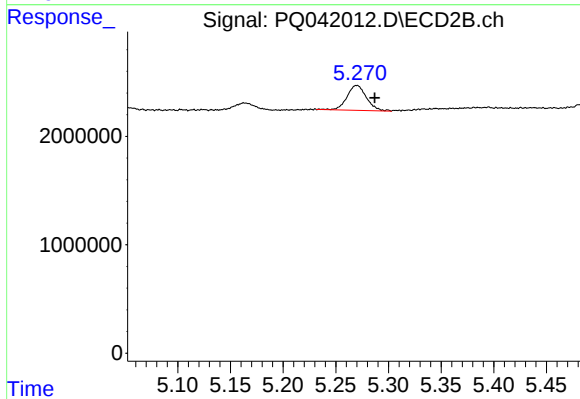
#7 AR-1016-5

R.T.: 6.738 min
Delta R.T.: -0.017 min
Response: 37487819
Conc: 460.52 ng/ml



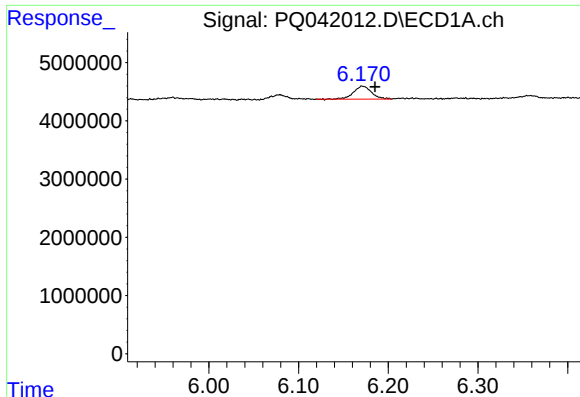
#10 AR-1221-3

R.T.: 6.171 min
Delta R.T.: -0.015 min
Response: 3143533
Conc: 51.08 ng/ml



#10 AR-1221-3

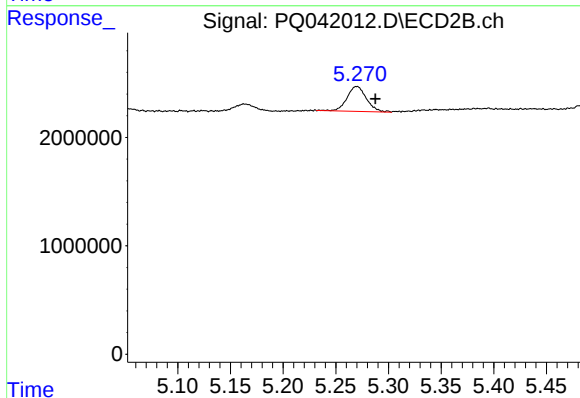
R.T.: 5.270 min
Delta R.T.: -0.017 min
Response: 2928660
Conc: 53.71 ng/ml



#11 AR-1232-1

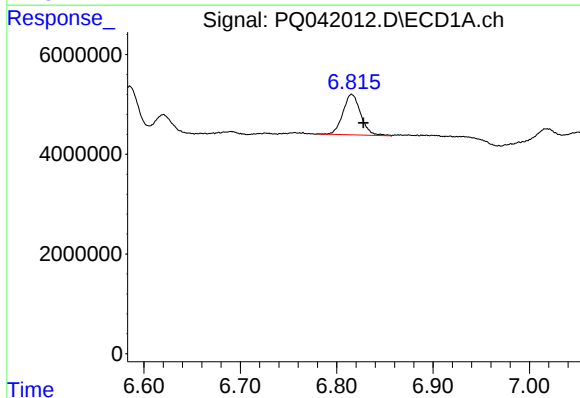
R.T.: 6.171 min
Delta R.T.: -0.015 min
Response: 3143533
Conc: 58.09 ng/ml

Instrument :
ECD_Q
ClientSampleId :



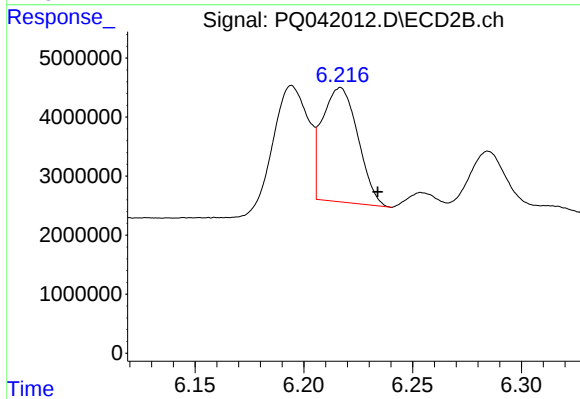
#11 AR-1232-1

R.T.: 5.270 min
Delta R.T.: -0.018 min
Response: 2928660
Conc: 60.65 ng/ml



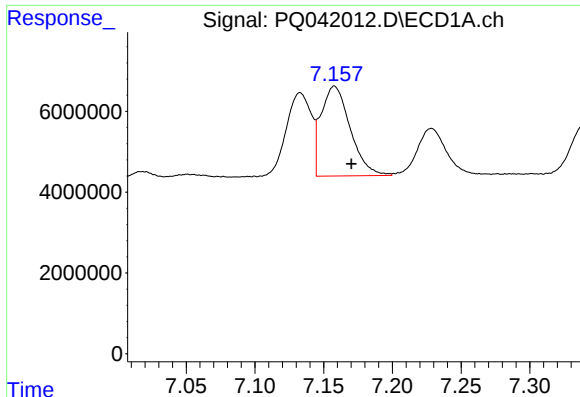
#12 AR-1232-2

R.T.: 6.816 min
Delta R.T.: -0.012 min
Response: 10336380
Conc: 314.59 ng/ml



#12 AR-1232-2

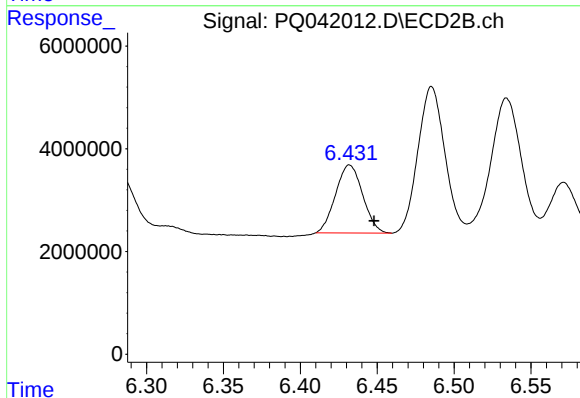
R.T.: 6.217 min
Delta R.T.: -0.017 min
Response: 22134957
Conc: 388.14 ng/ml



#13 AR-1232-3

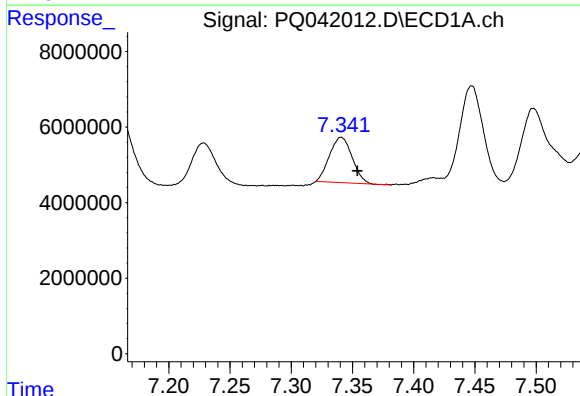
R.T.: 7.158 min
Delta R.T.: -0.012 min
Response: 32929066
Conc: 493.22 ng/ml

Instrument :
ECD_Q
ClientSampleId :



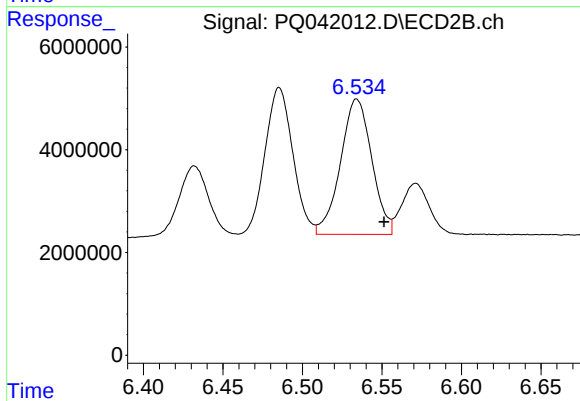
#13 AR-1232-3

R.T.: 6.432 min
Delta R.T.: -0.016 min
Response: 16255689
Conc: 545.14 ng/ml



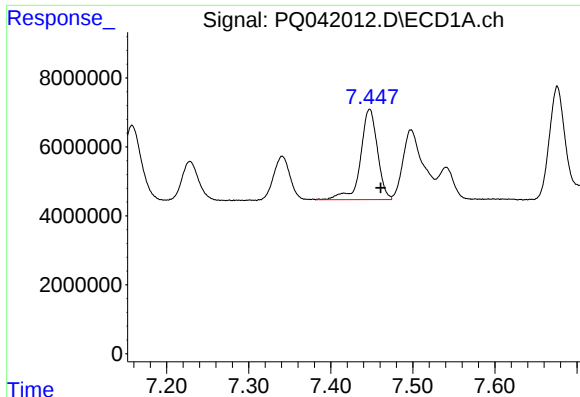
#14 AR-1232-4

R.T.: 7.341 min
Delta R.T.: -0.013 min
Response: 15439949
Conc: 481.35 ng/ml



#14 AR-1232-4

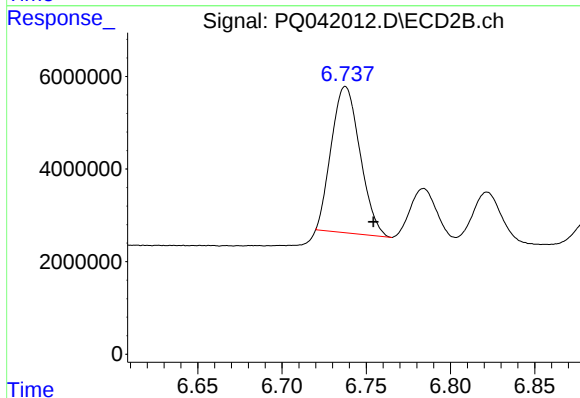
R.T.: 6.534 min
Delta R.T.: -0.017 min
Response: 36111364
Conc: 1352.65 ng/ml



#15 AR-1232-5

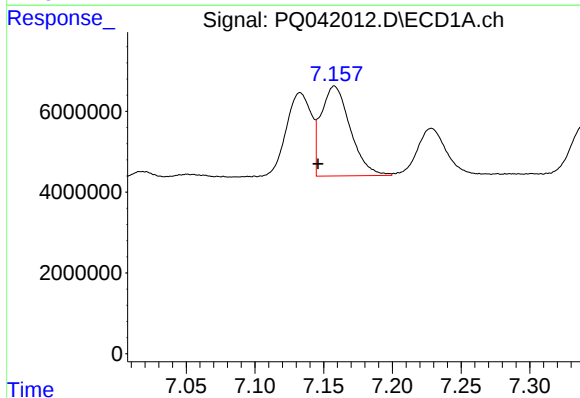
R.T.: 7.448 min
Delta R.T.: -0.013 min
Response: 37532347
Conc: 1746.48 ng/ml

Instrument :
ECD_Q
ClientSampleId :



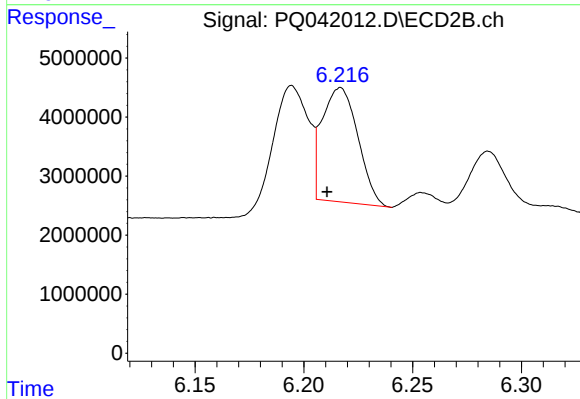
#15 AR-1232-5

R.T.: 6.738 min
Delta R.T.: -0.017 min
Response: 37487819
Conc: 1278.31 ng/ml



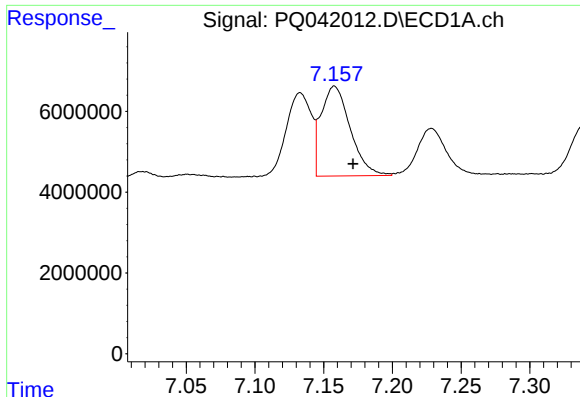
#16 AR-1242-1

R.T.: 7.158 min
Delta R.T.: 0.012 min
Response: 32929066
Conc: 368.13 ng/ml



#16 AR-1242-1

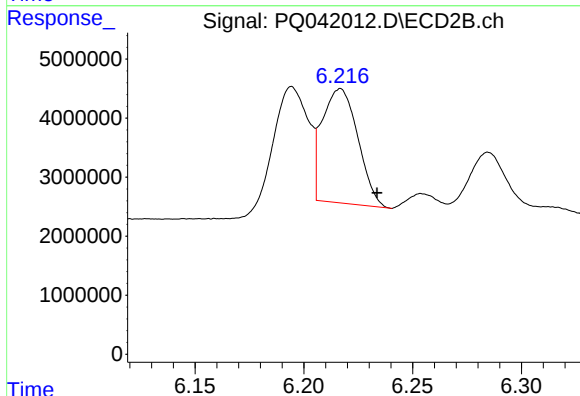
R.T.: 6.217 min
Delta R.T.: 0.006 min
Response: 22134957
Conc: 270.47 ng/ml



#17 AR-1242-2

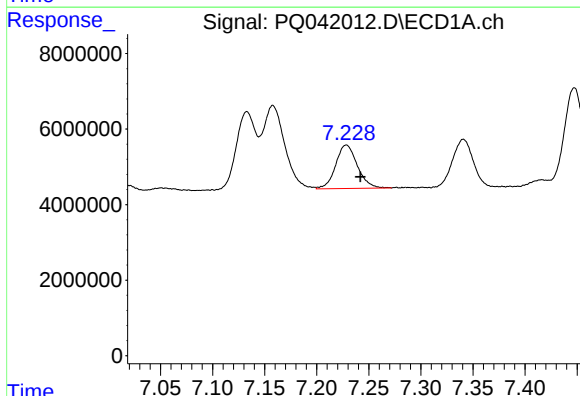
R.T.: 7.158 min
Delta R.T.: -0.014 min
Response: 32929066
Conc: 256.08 ng/ml

Instrument :
ECD_Q
ClientSampleId :



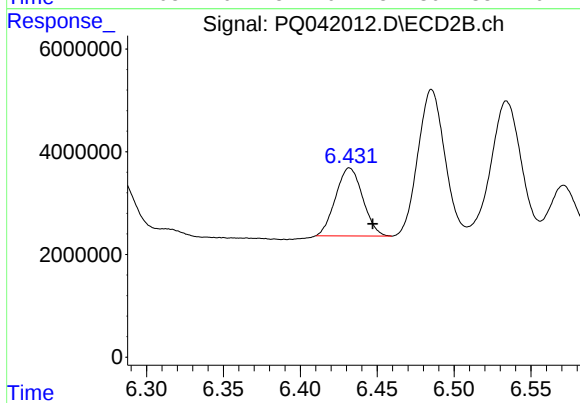
#17 AR-1242-2

R.T.: 6.217 min
Delta R.T.: -0.017 min
Response: 22134957
Conc: 195.99 ng/ml



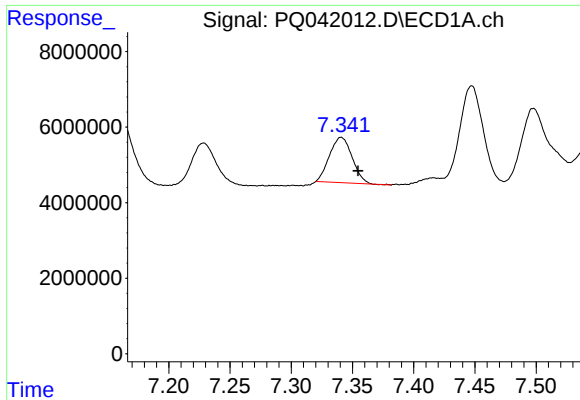
#18 AR-1242-3

R.T.: 7.229 min
Delta R.T.: -0.013 min
Response: 16772039
Conc: 206.84 ng/ml



#18 AR-1242-3

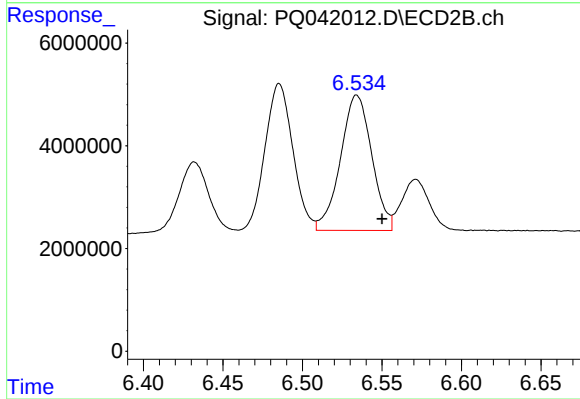
R.T.: 6.432 min
Delta R.T.: -0.015 min
Response: 16255689
Conc: 275.18 ng/ml



#19 AR-1242-4

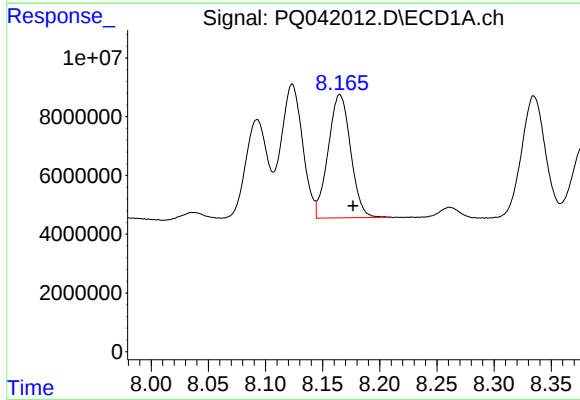
R.T.: 7.341 min
Delta R.T.: -0.014 min
Response: 15439949
Conc: 240.17 ng/ml

Instrument :
ECD_Q
ClientSampleId :



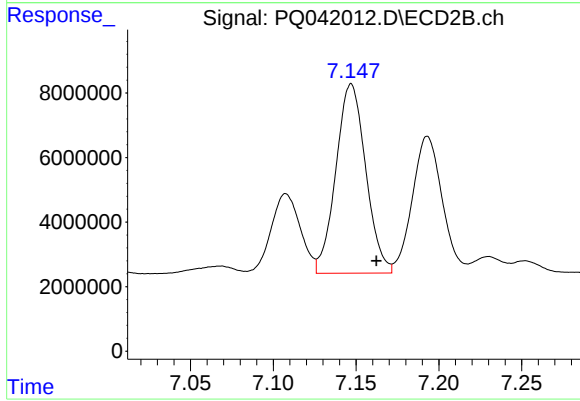
#19 AR-1242-4

R.T.: 6.534 min
Delta R.T.: -0.016 min
Response: 36111364
Conc: 608.99 ng/ml



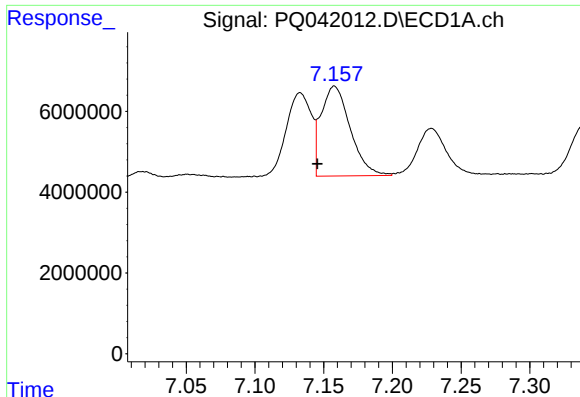
#20 AR-1242-5

R.T.: 8.165 min
Delta R.T.: -0.012 min
Response: 57389717
Conc: 646.82 ng/ml



#20 AR-1242-5

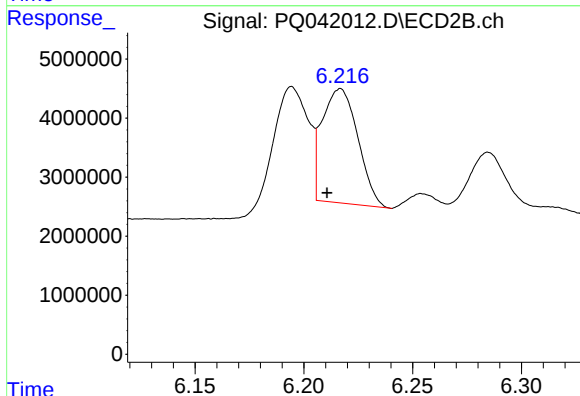
R.T.: 7.147 min
Delta R.T.: -0.015 min
Response: 73635871
Conc: 829.29 ng/ml



#21 AR-1248-1

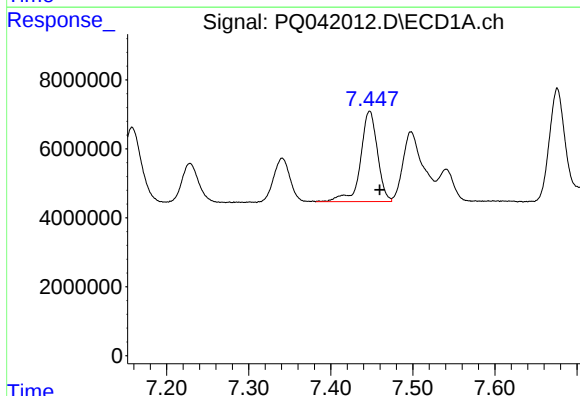
R.T.: 7.158 min
Delta R.T.: 0.012 min
Response: 32929066
Conc: 444.17 ng/ml

Instrument :
ECD_Q
ClientSampleId :



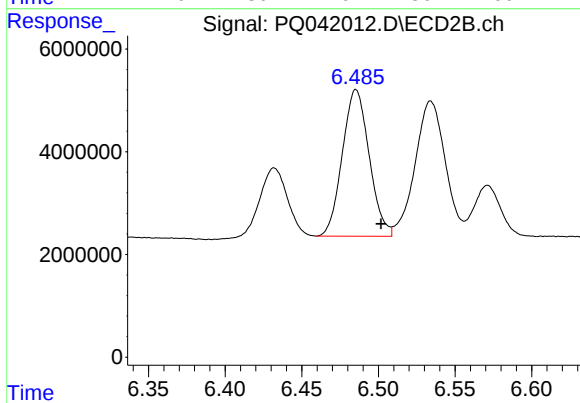
#21 AR-1248-1

R.T.: 6.217 min
Delta R.T.: 0.006 min
Response: 22134957
Conc: 333.84 ng/ml



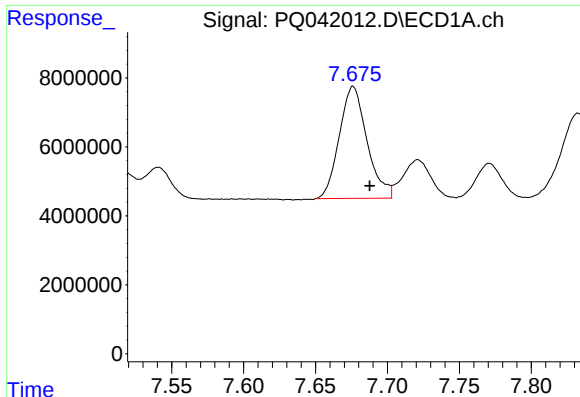
#22 AR-1248-2

R.T.: 7.448 min
Delta R.T.: -0.012 min
Response: 37532347
Conc: 406.80 ng/ml



#22 AR-1248-2

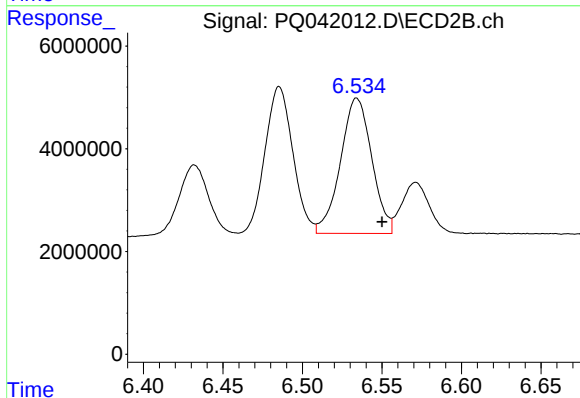
R.T.: 6.485 min
Delta R.T.: -0.016 min
Response: 34814360
Conc: 399.30 ng/ml



#23 AR-1248-3

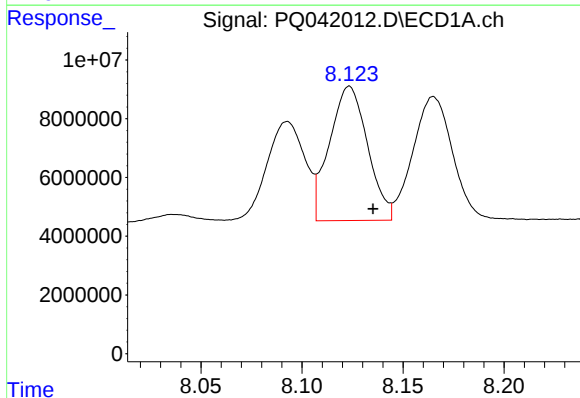
R.T.: 7.676 min
Delta R.T.: -0.012 min
Response: 43684335
Conc: 389.89 ng/ml

Instrument :
ECD_Q
ClientSampleId :



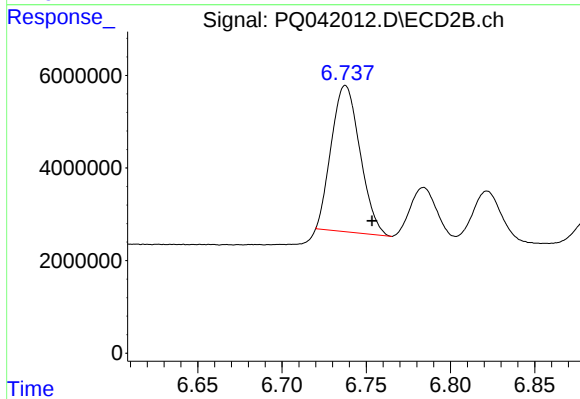
#23 AR-1248-3

R.T.: 6.534 min
Delta R.T.: -0.016 min
Response: 36111364
Conc: 404.58 ng/ml



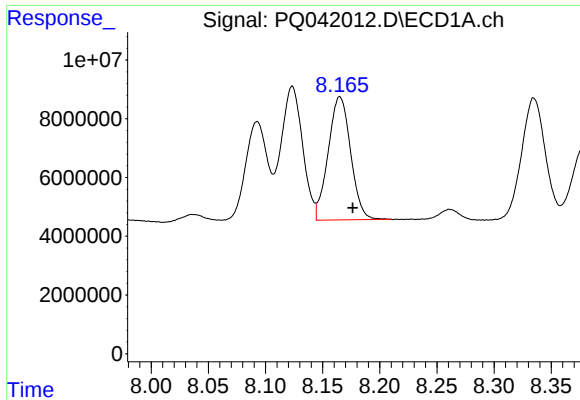
#24 AR-1248-4

R.T.: 8.123 min
Delta R.T.: -0.012 min
Response: 60101251
Conc: 384.38 ng/ml



#24 AR-1248-4

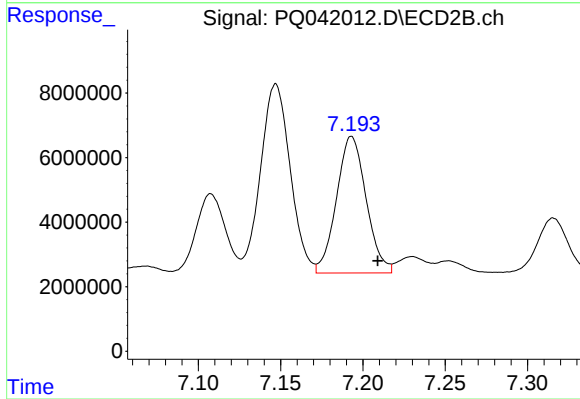
R.T.: 6.738 min
Delta R.T.: -0.016 min
Response: 37487819
Conc: 340.36 ng/ml



#25 AR-1248-5

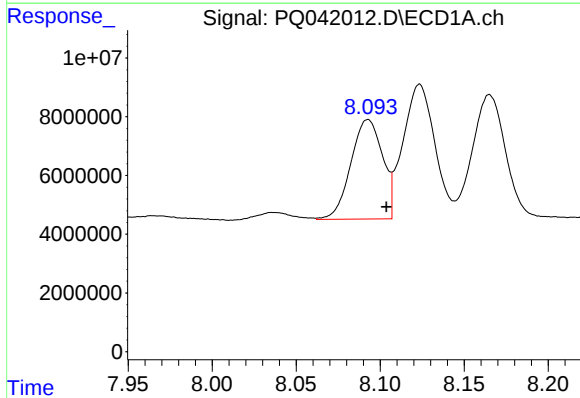
R.T.: 8.165 min
Delta R.T.: -0.011 min
Response: 57389717
Conc: 379.25 ng/ml

Instrument :
ECD_Q
ClientSampleId :



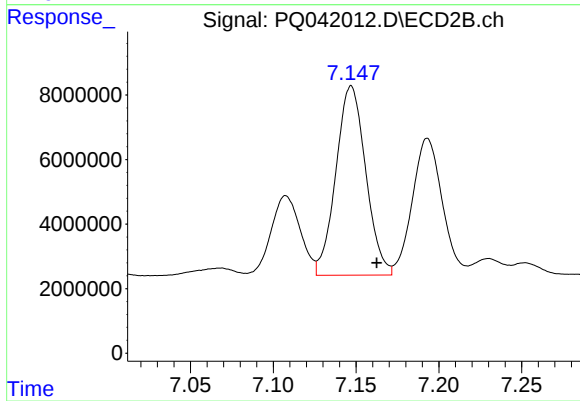
#25 AR-1248-5

R.T.: 7.193 min
Delta R.T.: -0.016 min
Response: 53149690
Conc: 414.67 ng/ml



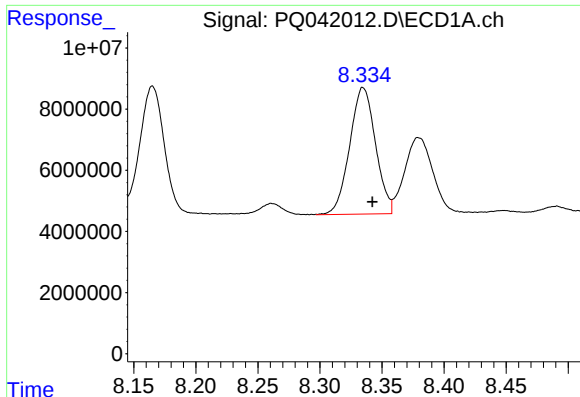
#26 AR-1254-1

R.T.: 8.093 min
Delta R.T.: -0.011 min
Response: 44566868
Conc: 320.36 ng/ml



#26 AR-1254-1

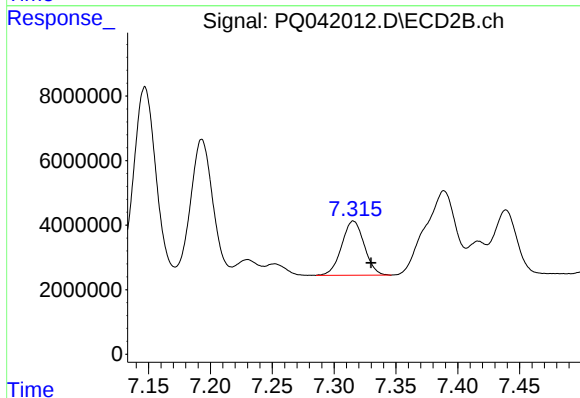
R.T.: 7.147 min
Delta R.T.: -0.015 min
Response: 73635871
Conc: 402.64 ng/ml



#27 AR-1254-2

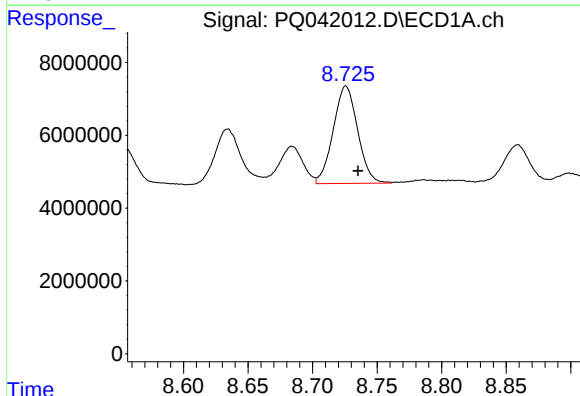
R.T.: 8.335 min
Delta R.T.: -0.008 min
Response: 59921779
Conc: 261.80 ng/ml

Instrument :
ECD_Q
ClientSampleId :



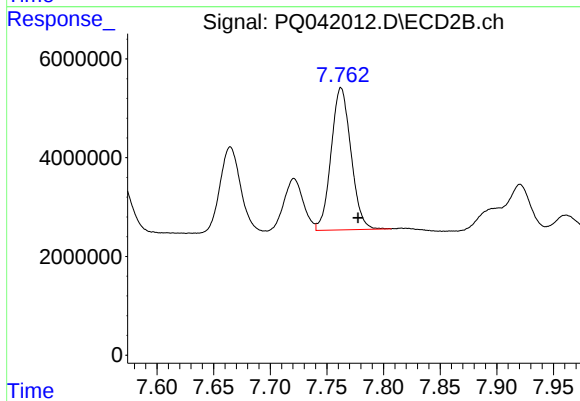
#27 AR-1254-2

R.T.: 7.316 min
Delta R.T.: -0.014 min
Response: 21421902
Conc: 132.34 ng/ml



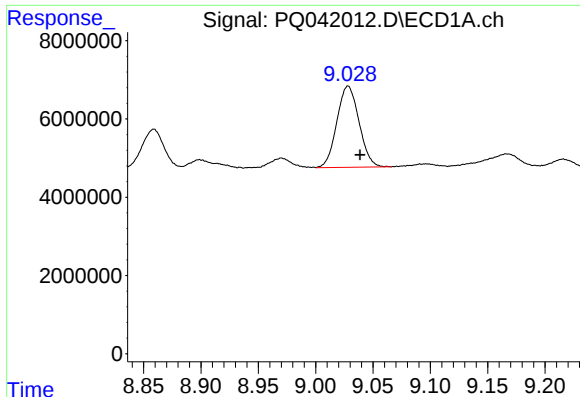
#28 AR-1254-3

R.T.: 8.726 min
Delta R.T.: -0.009 min
Response: 35220851
Conc: 128.81 ng/ml



#28 AR-1254-3

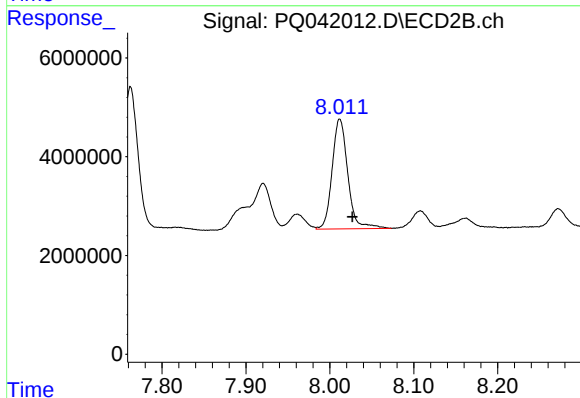
R.T.: 7.763 min
Delta R.T.: -0.015 min
Response: 35188311
Conc: 122.01 ng/ml



#29 AR-1254-4

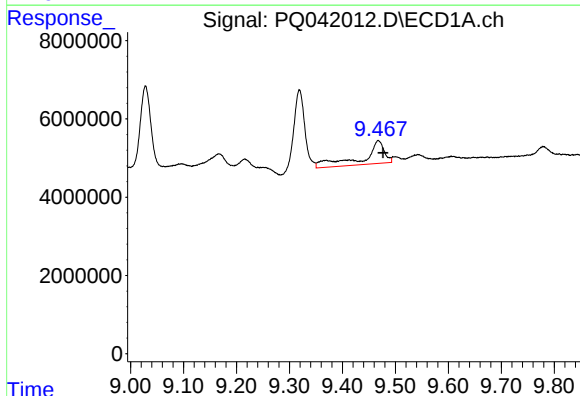
R.T.: 9.028 min
Delta R.T.: -0.010 min
Response: 27961014
Conc: 113.58 ng/ml

Instrument :
ECD_Q
ClientSampleId :



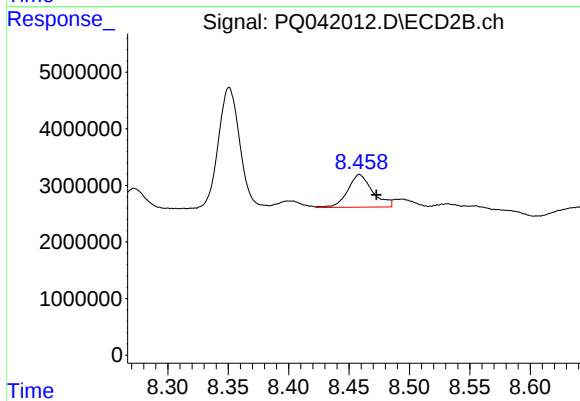
#29 AR-1254-4

R.T.: 8.012 min
Delta R.T.: -0.015 min
Response: 28803199
Conc: 132.69 ng/ml



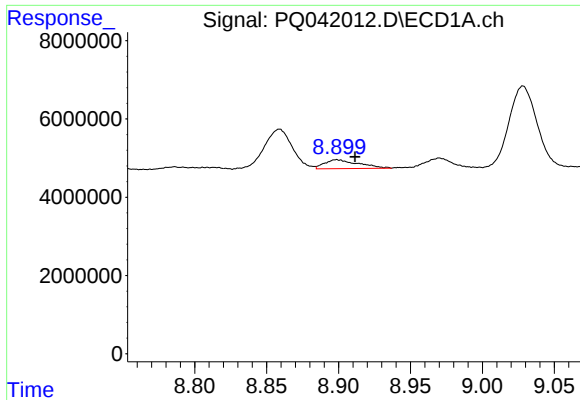
#30 AR-1254-5

R.T.: 9.468 min
Delta R.T.: -0.009 min
Response: 16531635
Conc: 61.04 ng/ml



#30 AR-1254-5

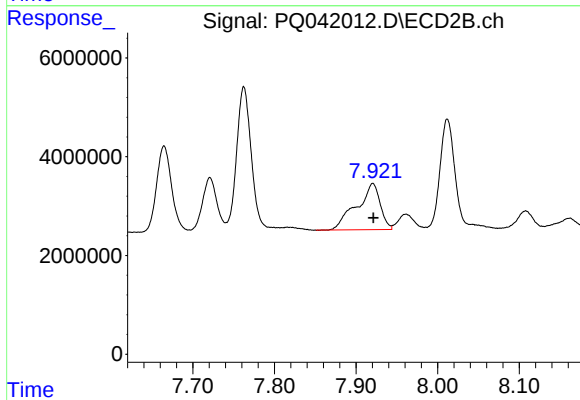
R.T.: 8.459 min
Delta R.T.: -0.014 min
Response: 8239143
Conc: 27.39 ng/ml



#31 AR-1260-1

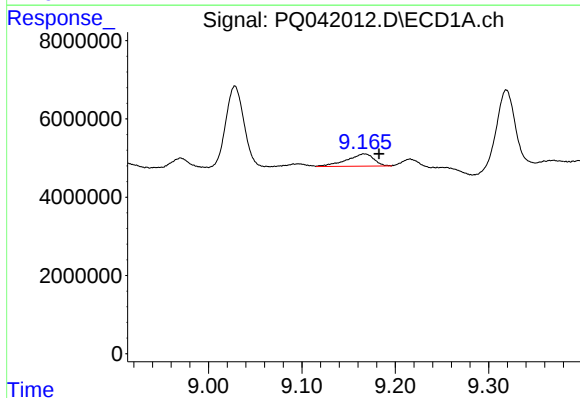
R.T.: 8.899 min
Delta R.T.: -0.013 min
Response: 3678150
Conc: 20.68 ng/ml

Instrument :
ECD_Q
ClientSampleId :



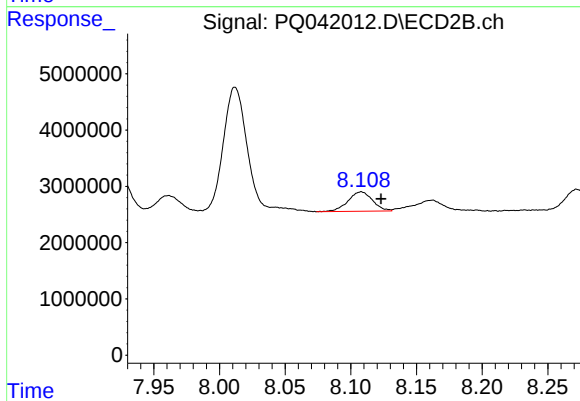
#31 AR-1260-1

R.T.: 7.921 min
Delta R.T.: 0.000 min
Response: 18785986
Conc: 103.54 ng/ml



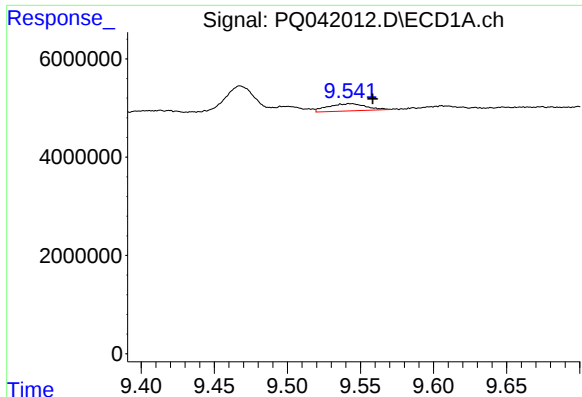
#32 AR-1260-2

R.T.: 9.167 min
Delta R.T.: -0.016 min
Response: 6294892
Conc: 24.95 ng/ml



#32 AR-1260-2

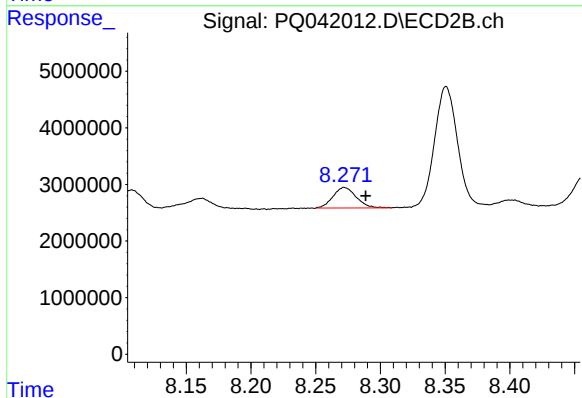
R.T.: 8.108 min
Delta R.T.: -0.015 min
Response: 4527977
Conc: 18.46 ng/ml



#33 AR-1260-3

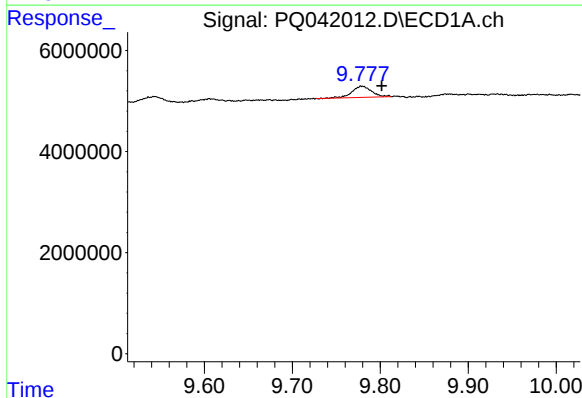
R.T.: 9.543 min
Delta R.T.: -0.015 min
Response: 2641606
Conc: 11.53 ng/ml

Instrument :
ECD_Q
ClientSampleId :



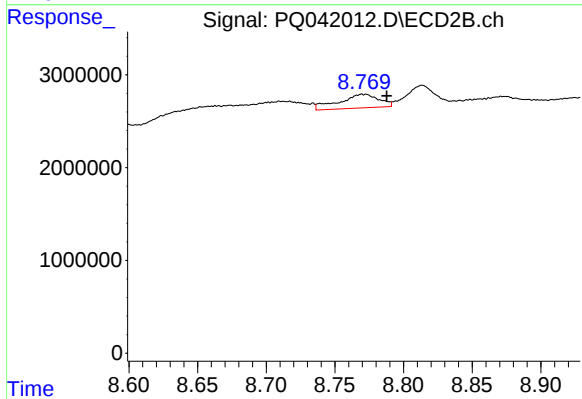
#33 AR-1260-3

R.T.: 8.272 min
Delta R.T.: -0.017 min
Response: 4539678
Conc: 21.34 ng/ml



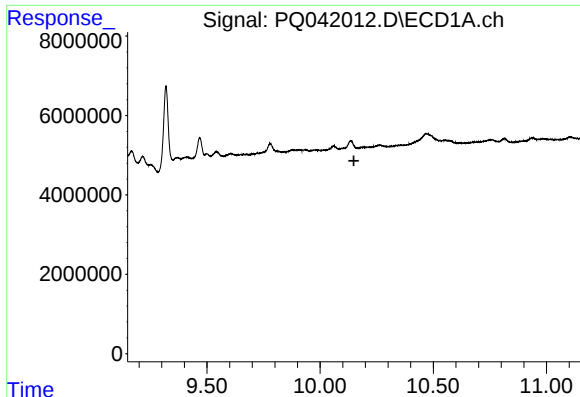
#34 AR-1260-4

R.T.: 9.779 min
Delta R.T.: -0.022 min
Response: 3484877
Conc: 13.65 ng/ml



#34 AR-1260-4

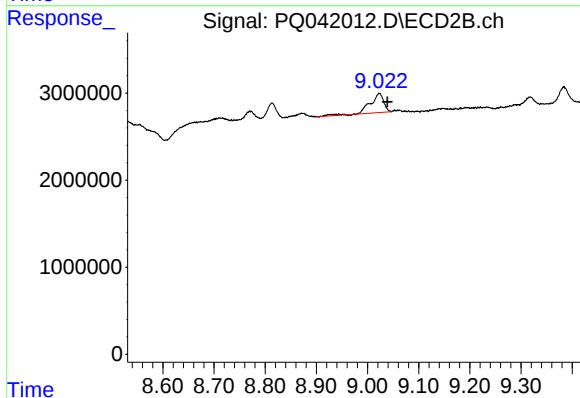
R.T.: 8.771 min
Delta R.T.: -0.017 min
Response: 2984180
Conc: 14.75 ng/ml



#35 AR-1260-5

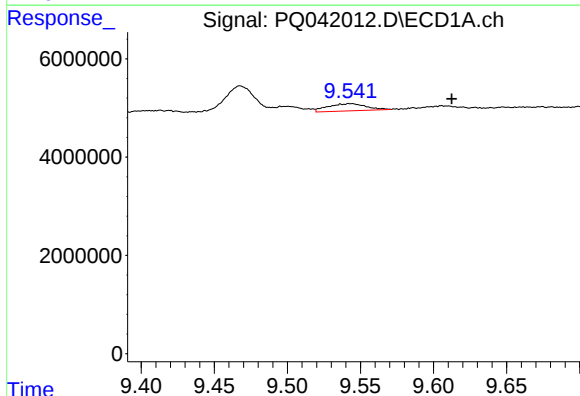
R.T.: 0.000 min
Exp R.T.: 10.149 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



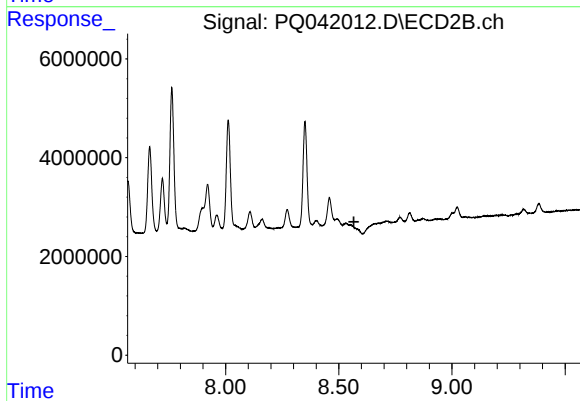
#35 AR-1260-5

R.T.: 9.023 min
Delta R.T.: -0.015 min
Response: 4151363
Conc: 7.03 ng/ml



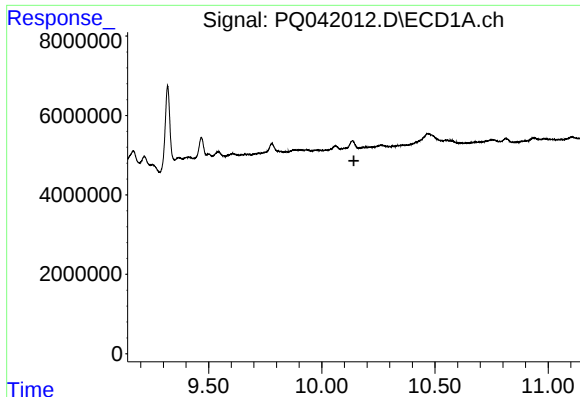
#36 AR-1262-1

R.T.: 9.543 min
Delta R.T.: -0.069 min
Response: 2641606
Conc: 17.19 ng/ml



#36 AR-1262-1

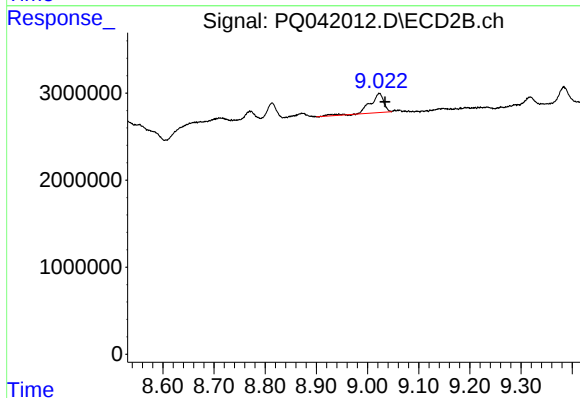
R.T.: 0.000 min
Exp R.T.: 8.567 min
Response: 0
Conc: N.D.



#37 AR-1262-2

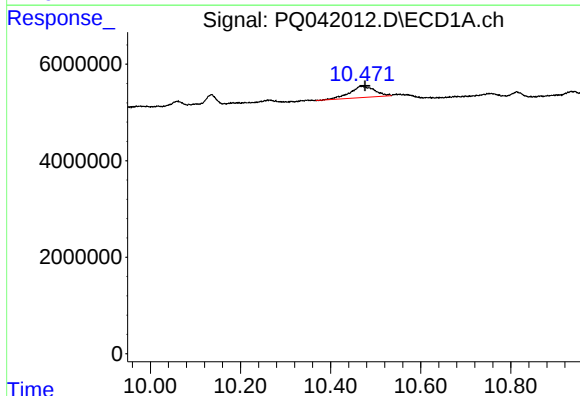
R.T.: 0.000 min
Exp R.T.: 10.142 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



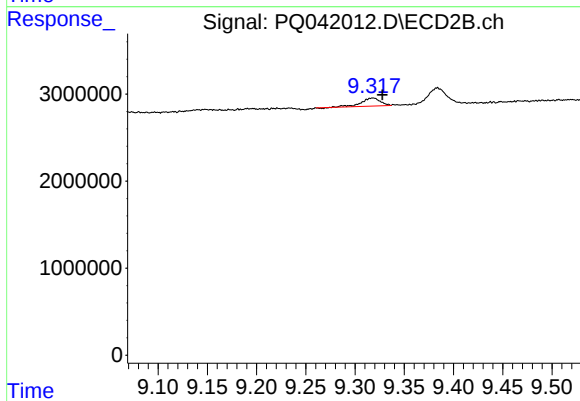
#37 AR-1262-2

R.T.: 9.023 min
Delta R.T.: -0.011 min
Response: 4151363
Conc: 5.60 ng/ml



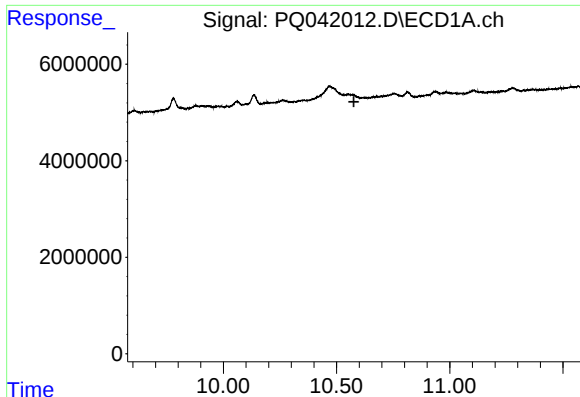
#38 AR-1262-3

R.T.: 10.471 min
Delta R.T.: -0.006 min
Response: 8979931
Conc: 14.14 ng/ml



#38 AR-1262-3

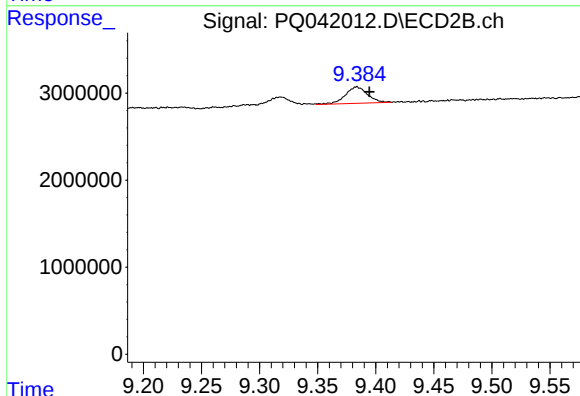
R.T.: 9.318 min
Delta R.T.: -0.010 min
Response: 1202383
Conc: 3.80 ng/ml



#39 AR-1262-4

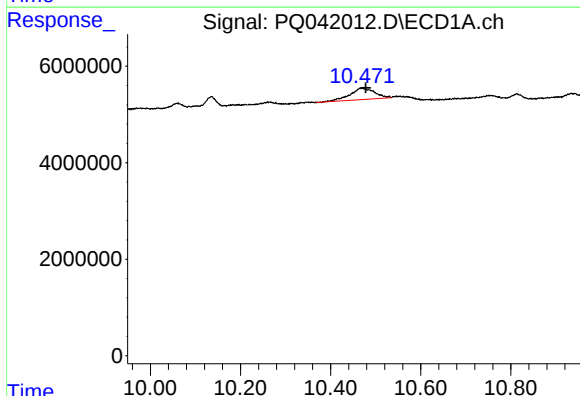
R.T.: 0.000 min
Exp R.T.: 10.576 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



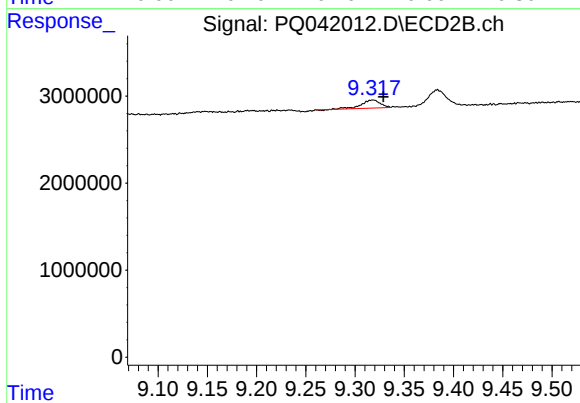
#39 AR-1262-4

R.T.: 9.384 min
Delta R.T.: -0.011 min
Response: 2524544
Conc: 4.49 ng/ml



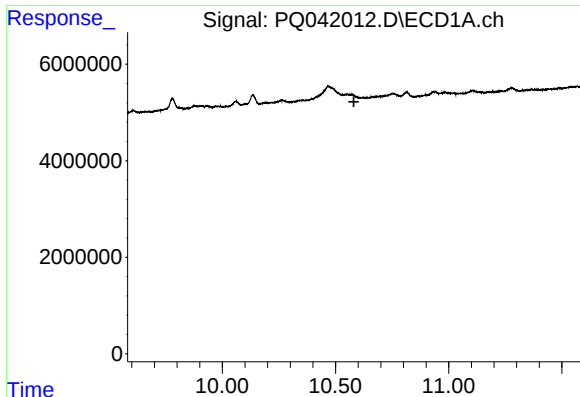
#41 AR-1268-1

R.T.: 10.471 min
Delta R.T.: -0.007 min
Response: 8979931
Conc: 6.30 ng/ml



#41 AR-1268-1

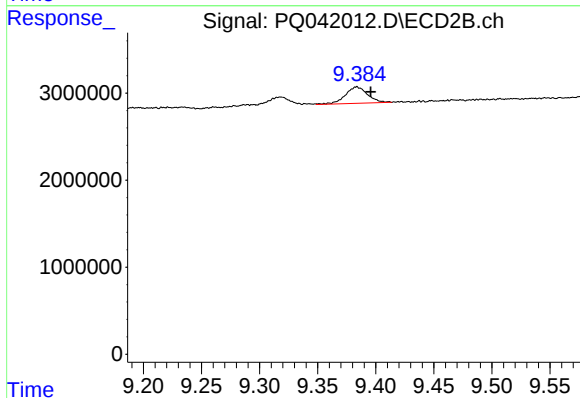
R.T.: 9.318 min
Delta R.T.: -0.010 min
Response: 1202383
Conc: 1.05 ng/ml



#42 AR-1268-2

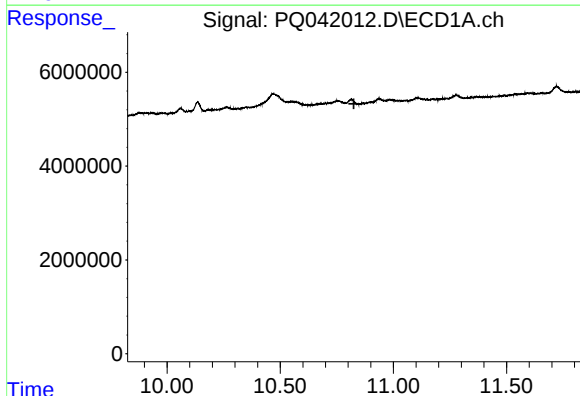
R.T.: 0.000 min
Exp R.T.: 10.581 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



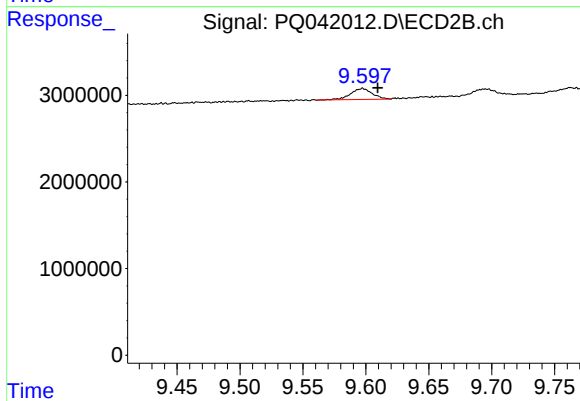
#42 AR-1268-2

R.T.: 9.384 min
Delta R.T.: -0.012 min
Response: 2524544
Conc: 2.46 ng/ml



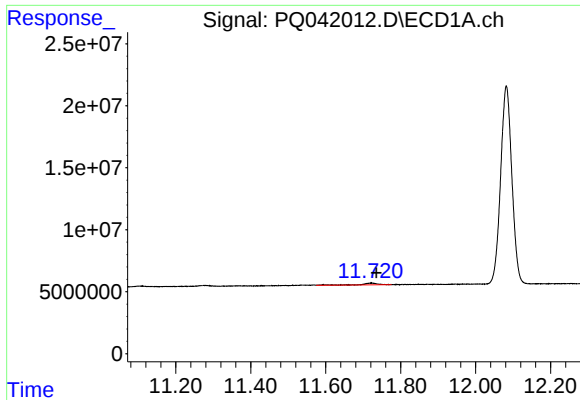
#43 AR-1268-3

R.T.: 0.000 min
Exp R.T.: 10.825 min
Response: 0
Conc: N.D.



#43 AR-1268-3

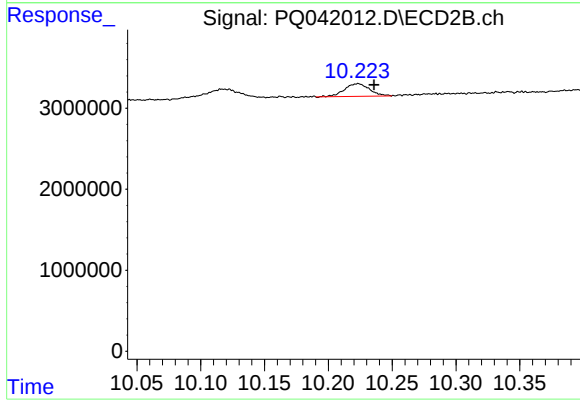
R.T.: 9.597 min
Delta R.T.: -0.012 min
Response: 1517278
Conc: 1.75 ng/ml



#45 AR-1268-5

R.T.: 11.721 min
Delta R.T.: -0.014 min
Response: 4425156
Conc: 1.09 ng/ml

Instrument :
ECD_Q
ClientSampleId :



#45 AR-1268-5

R.T.: 10.223 min
Delta R.T.: -0.013 min
Response: 2143961
Conc: 0.83 ng/ml