

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ053119\
 Data File : PQ040502.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 31 May 2019 21:59
 Operator : SM\AJ
 Sample : AR1242CCC400
 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: Jun 01 00:39:52 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ052219CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Thu May 23 04:10:58 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...	5.582	4.725	101.9E6	82698496	31.104	38.504
2)	SA Decachlor...	11.877	10.440	362.3E6	225.9E6	50.719	54.331
Target Compounds							
3)	L1 AR-1016-1	7.054	6.169	128.4E6	42518160	767.543	331.454 #
4)	L1 AR-1016-2	7.054	6.225	128.4E6	5028806	488.411	26.054 #
5)	L1 AR-1016-3	7.126	6.404	47148866	32701691	276.244	303.216
6)	L1 AR-1016-4	7.240	6.458	38880277	25470413	281.285	299.127
7)	L1 AR-1016-5	7.616	6.709	18362784	35464505	132.369	308.012 #
8)	L2 AR-1221-1	0.000	5.027	0	3612482	N.D.	147.407 #
9)	L2 AR-1221-2	5.976	5.144	-792199	4978764	N.D.	305.676 #
10)	L2 AR-1221-3	6.072	5.247	24901629	20610646	281.881	338.954
11)	L3 AR-1232-1	6.072	5.247	24901629	20610646	384.475	449.786
12)	L3 AR-1232-2	6.714	6.225	37074674	5028806	935.105	83.832 #
13)	L3 AR-1232-3	7.054	6.404	128.4E6	32701691	1588.920	929.875 #
14)	L3 AR-1232-4	7.240	6.542	38880277	11597847	930.186	392.505 #
15)	L3 AR-1232-5	7.394	6.709	48708844	35464505	1536.921	1178.051
16)	L4 AR-1242-1	7.054	6.169	128.4E6	42518160	1324.356	574.973 #
17)	L4 AR-1242-2	7.054	6.225	128.4E6	5028806	888.499	47.237 #
18)	L4 AR-1242-3	7.126	6.404	47148866	32701691	506.484	542.097
19)	L4 AR-1242-4	7.240	6.542	38880277	11597847	516.952	194.593 #
20)	L4 AR-1242-5	8.060	7.119	48501692	44213913	559.461	548.639
21)	L5 AR-1248-1	7.054	6.190	128.4E6	63287534	1658.917	1098.297 #
22)	L5 AR-1248-2	7.394	6.458	48708844	25470413	432.460	289.702 #
23)	L5 AR-1248-3	7.616	6.542	18362784	11597847	133.038	128.176
24)	L5 AR-1248-4	8.060	6.709	48501692	35464505	321.268	321.151
25)	L5 AR-1248-5	8.060	7.197	48501692	3395499	322.145	29.907 #
26)	L6 AR-1254-1	8.019	7.119	77587032	44213913	444.894	230.839 #
27)	L6 AR-1254-2	8.274	7.284	27864898	9986873	100.758	57.485 #
28)	L6 AR-1254-3	8.619	7.732	17068612	15635216	57.512	54.104
29)	L6 AR-1254-4	8.922	7.982	16424958	11336537	79.031	63.493
30)	L6 AR-1254-5	9.359	8.426	6073123	4513366	21.088	17.519
31)	L7 AR-1260-1	8.863	7.889	3595933	8025096	10.818	29.274 #
32)	L7 AR-1260-2	9.107	8.076	3005785	1708395	7.441	4.939 #
33)	L7 AR-1260-3	0.000	8.238	0	1890114	N.D.	5.894 #
34)	L7 AR-1260-4	9.666	8.778	1019646	1448068	2.767	5.329 #
35)	L7 AR-1260-5	0.000	9.025	0	693609	N.D.	1.032 #
36)	L8 AR-1262-1	0.000	8.558	0	220252	N.D.	1.940 #
37)	L8 AR-1262-2	0.000	9.025	0	693609	N.D.	1.398 #
38)	L8 AR-1262-3	0.000	9.280	0	395060	N.D.	1.879 #
39)	L8 AR-1262-4	0.000	9.346	0	962080	N.D.	2.541 #
40)	L8 AR-1262-5	0.000	9.877	0	534647	N.D.	3.298 #
41)	L9 AR-1268-1	0.000	9.280	0	395060	N.D.	0.866 #

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 Data File : PQ040502.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 31 May 2019 21:59
 Operator : SM\AJ
 Sample : AR1242CCC400
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

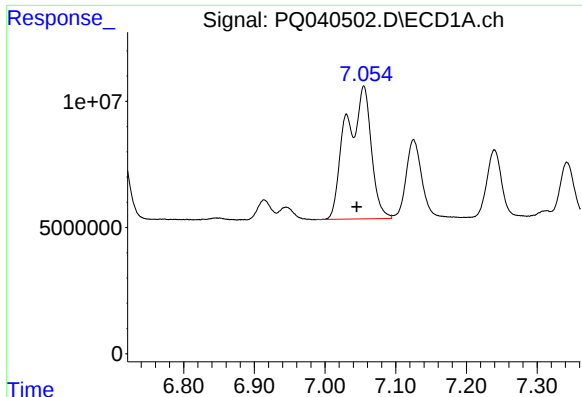
Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 01 00:39:52 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ052219CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Thu May 23 04:10:58 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
42) L9	AR-1268-2	0.000	9.346	0	962080	N.D.	2.201 #
44) L9	AR-1268-4	0.000	9.877	0	534647	N.D.	3.880 #
45) L9	AR-1268-5	11.538	10.175	2624942	1820628	1.421	1.543

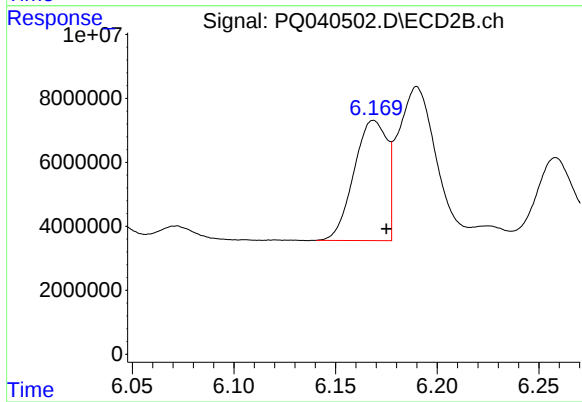
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#3 AR-1016-1

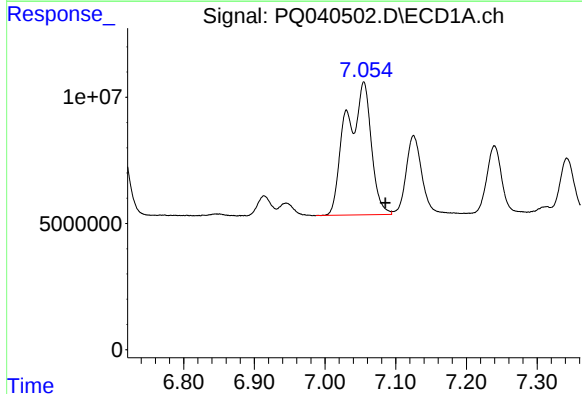
R.T.: 7.054 min
Delta R.T.: 0.009 min
Response: 128404187
Conc: 767.54 ng/ml

Instrument :
ECD_Q
ClientSampleId :



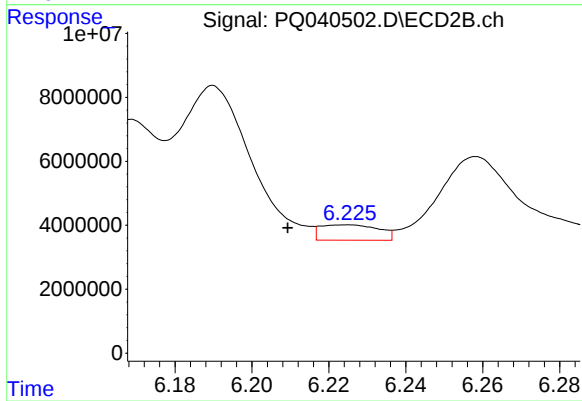
#3 AR-1016-1

R.T.: 6.169 min
Delta R.T.: -0.006 min
Response: 42518160
Conc: 331.45 ng/ml



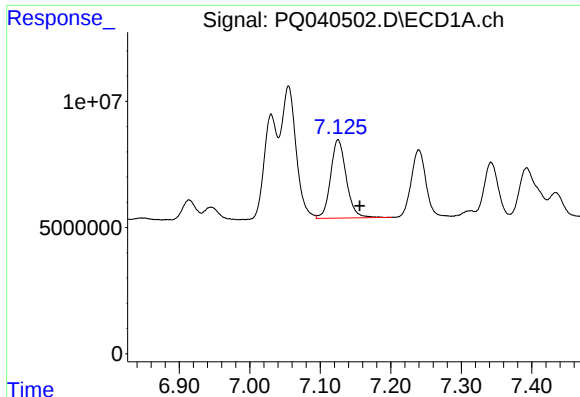
#4 AR-1016-2

R.T.: 7.054 min
Delta R.T.: -0.031 min
Response: 128404187
Conc: 488.41 ng/ml



#4 AR-1016-2

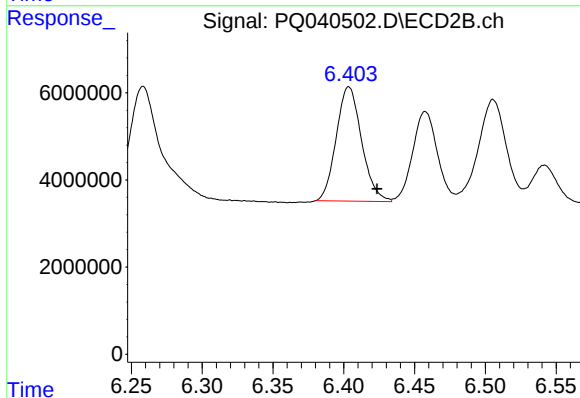
R.T.: 6.225 min
Delta R.T.: 0.016 min
Response: 5028806
Conc: 26.05 ng/ml



#5 AR-1016-3

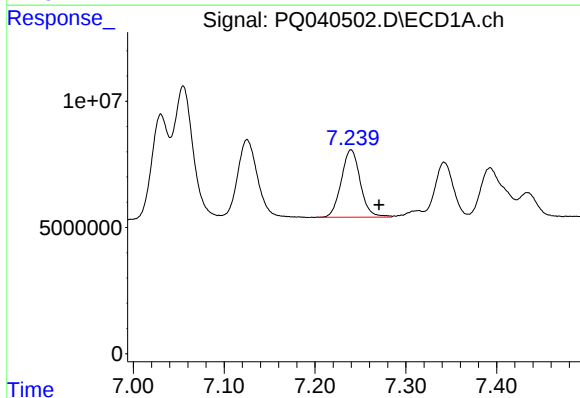
R.T.: 7.126 min
Delta R.T.: -0.030 min
Response: 47148866
Conc: 276.24 ng/ml

Instrument :
ECD_Q
ClientSampleId :



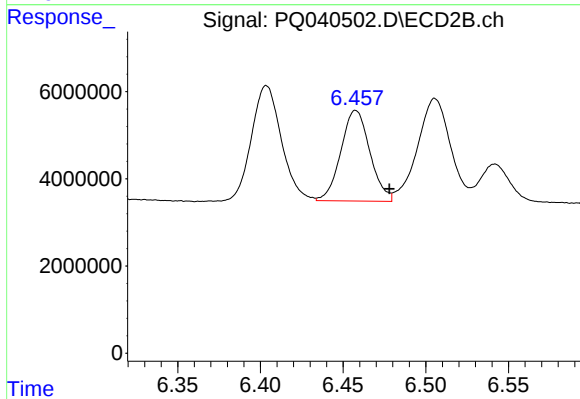
#5 AR-1016-3

R.T.: 6.404 min
Delta R.T.: -0.020 min
Response: 32701691
Conc: 303.22 ng/ml



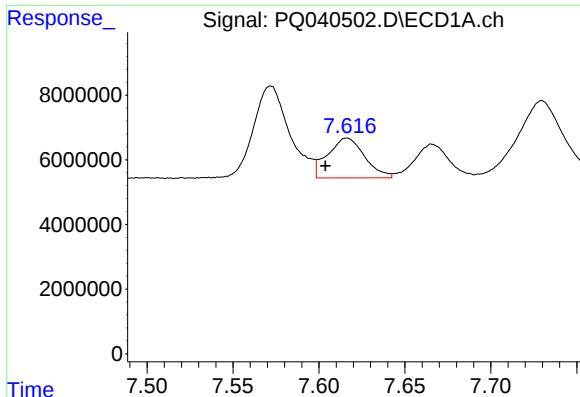
#6 AR-1016-4

R.T.: 7.240 min
Delta R.T.: -0.031 min
Response: 38880277
Conc: 281.28 ng/ml



#6 AR-1016-4

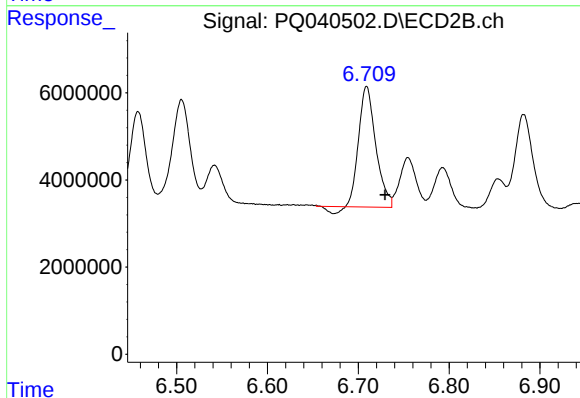
R.T.: 6.458 min
Delta R.T.: -0.020 min
Response: 25470413
Conc: 299.13 ng/ml



#7 AR-1016-5

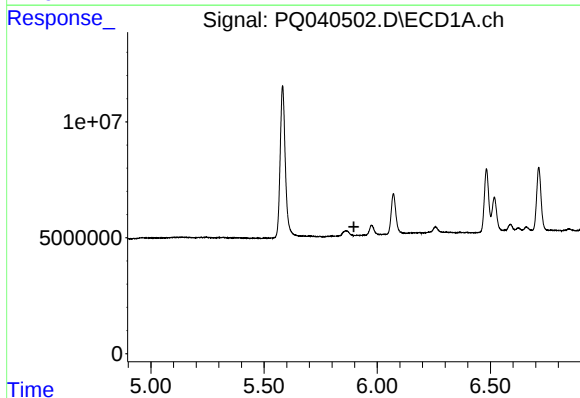
R.T.: 7.616 min
Delta R.T.: 0.012 min
Response: 18362784
Conc: 132.37 ng/ml

Instrument :
ECD_Q
ClientSampleId :



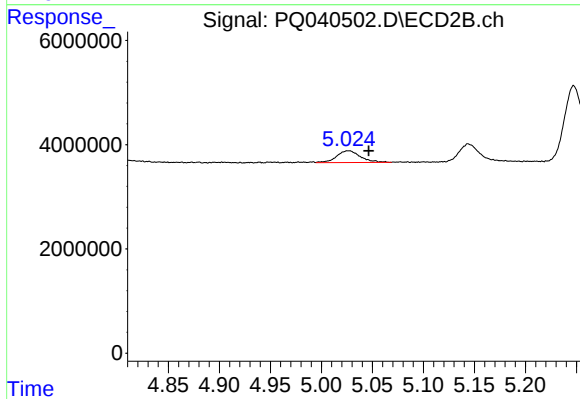
#7 AR-1016-5

R.T.: 6.709 min
Delta R.T.: -0.020 min
Response: 35464505
Conc: 308.01 ng/ml



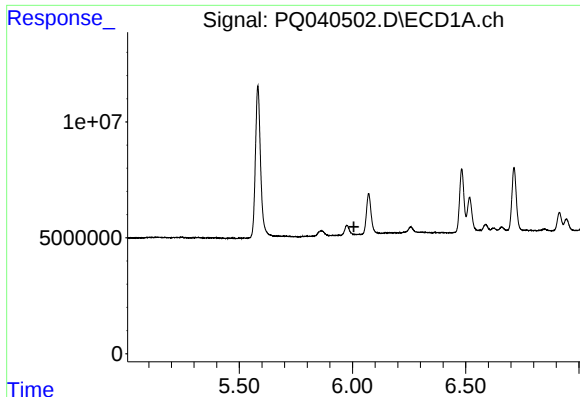
#8 AR-1221-1

R.T.: 0.000 min
Exp R.T. : 5.897 min
Response: 0
Conc: N.D.



#8 AR-1221-1

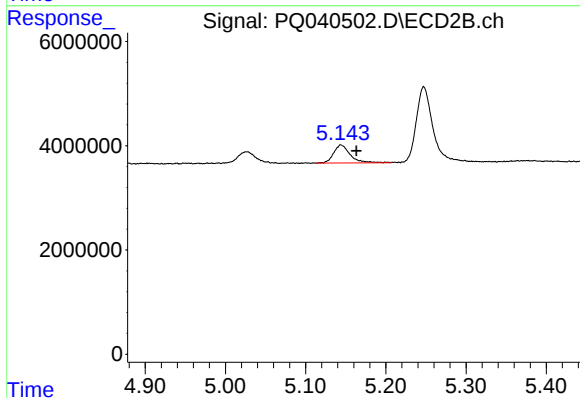
R.T.: 5.027 min
Delta R.T.: -0.020 min
Response: 3612482
Conc: 147.41 ng/ml



#9 AR-1221-2

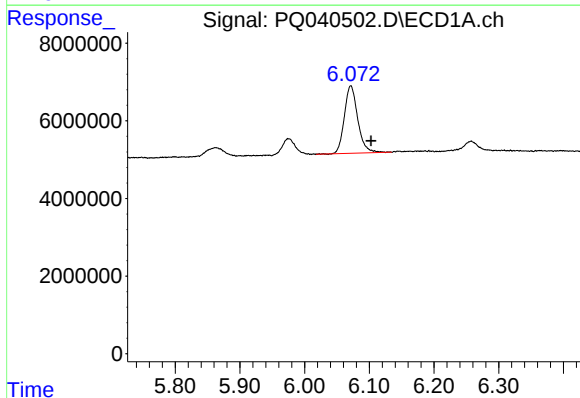
R.T.: 5.976 min
Delta R.T.: -0.031 min
Response: -792199
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



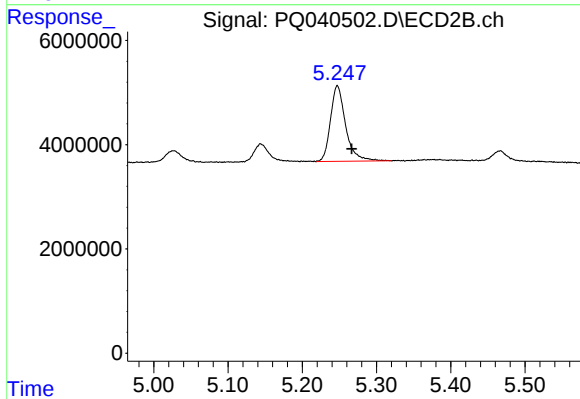
#9 AR-1221-2

R.T.: 5.144 min
Delta R.T.: -0.019 min
Response: 4978764
Conc: 305.68 ng/ml



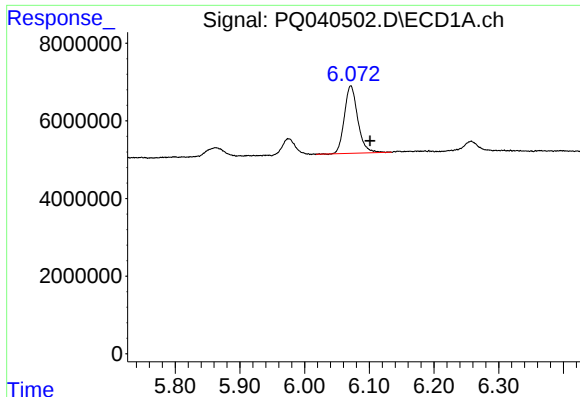
#10 AR-1221-3

R.T.: 6.072 min
Delta R.T.: -0.031 min
Response: 24901629
Conc: 281.88 ng/ml



#10 AR-1221-3

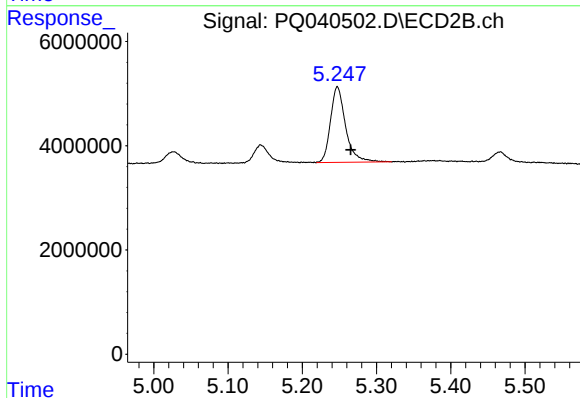
R.T.: 5.247 min
Delta R.T.: -0.019 min
Response: 20610646
Conc: 338.95 ng/ml



#11 AR-1232-1

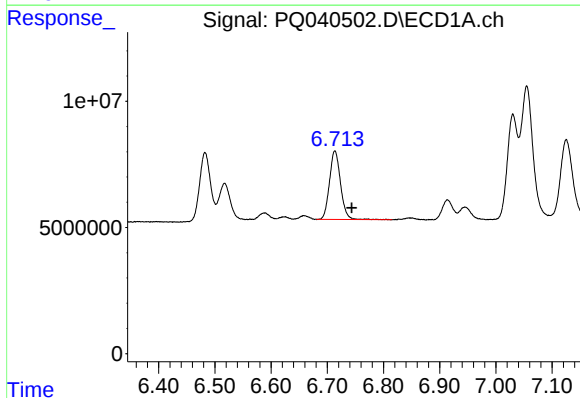
R.T.: 6.072 min
Delta R.T.: -0.029 min
Response: 24901629
Conc: 384.47 ng/ml

Instrument :
ECD_Q
ClientSampleId :



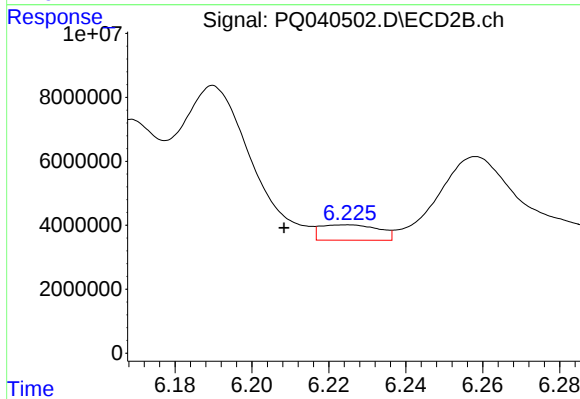
#11 AR-1232-1

R.T.: 5.247 min
Delta R.T.: -0.018 min
Response: 20610646
Conc: 449.79 ng/ml



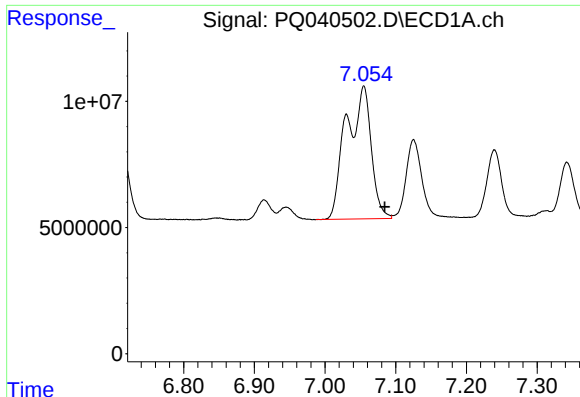
#12 AR-1232-2

R.T.: 6.714 min
Delta R.T.: -0.030 min
Response: 37074674
Conc: 935.10 ng/ml



#12 AR-1232-2

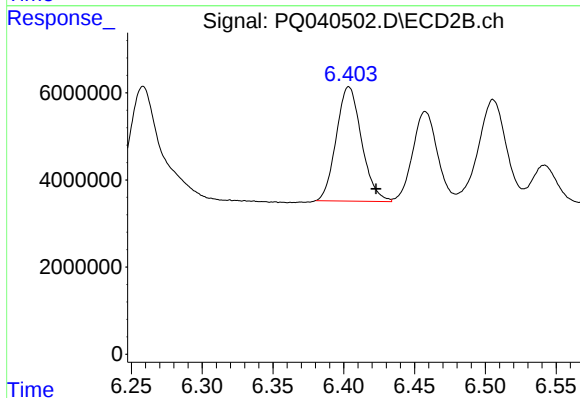
R.T.: 6.225 min
Delta R.T.: 0.016 min
Response: 5028806
Conc: 83.83 ng/ml



#13 AR-1232-3

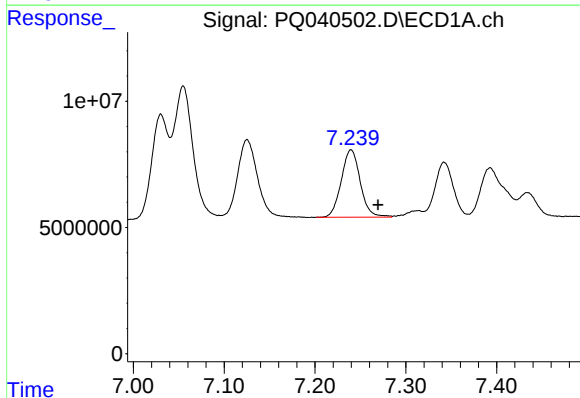
R.T.: 7.054 min
Delta R.T.: -0.030 min
Response: 128404187
Conc: 1588.92 ng/ml

Instrument :
ECD_Q
ClientSampleId :



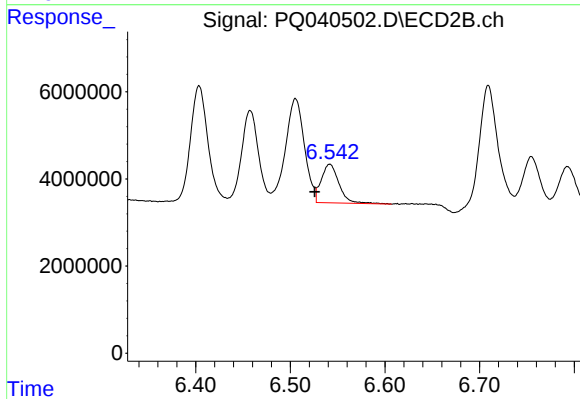
#13 AR-1232-3

R.T.: 6.404 min
Delta R.T.: -0.019 min
Response: 32701691
Conc: 929.88 ng/ml



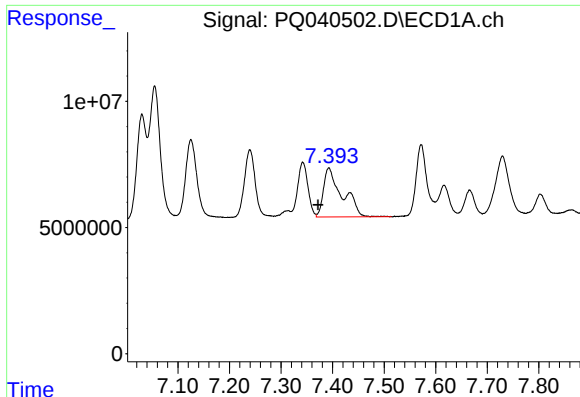
#14 AR-1232-4

R.T.: 7.240 min
Delta R.T.: -0.030 min
Response: 38880277
Conc: 930.19 ng/ml



#14 AR-1232-4

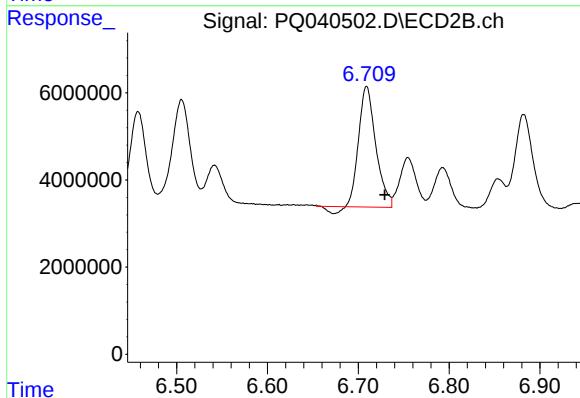
R.T.: 6.542 min
Delta R.T.: 0.016 min
Response: 11597847
Conc: 392.51 ng/ml



#15 AR-1232-5

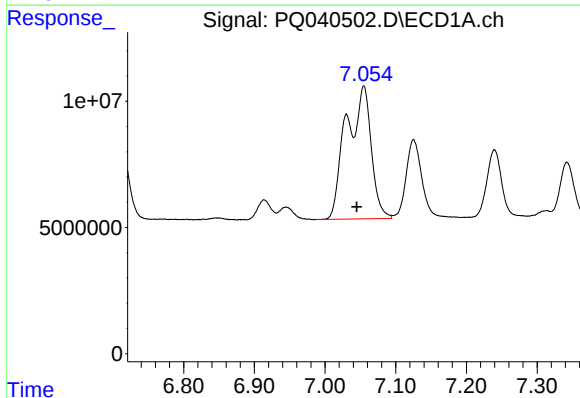
R.T.: 7.394 min
Delta R.T.: 0.022 min
Response: 48708844
Conc: 1536.92 ng/ml

Instrument :
ECD_Q
ClientSampleId :



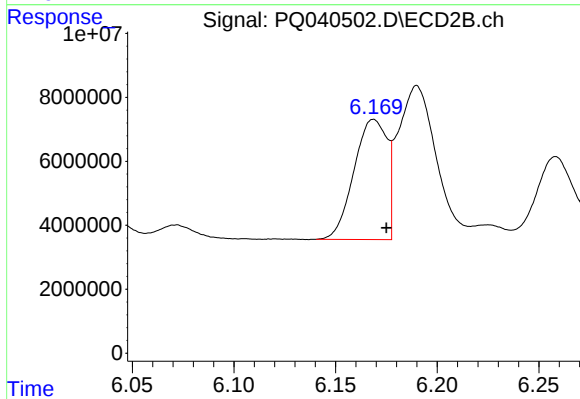
#15 AR-1232-5

R.T.: 6.709 min
Delta R.T.: -0.020 min
Response: 35464505
Conc: 1178.05 ng/ml



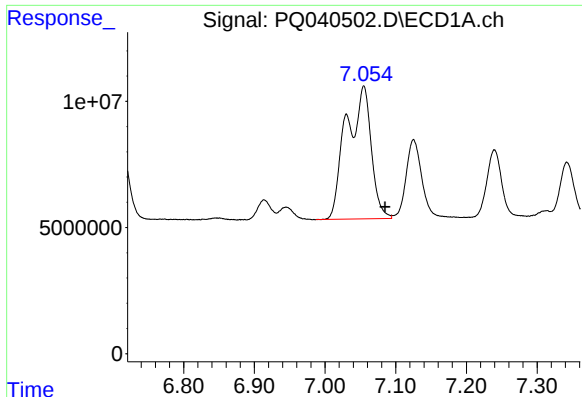
#16 AR-1242-1

R.T.: 7.054 min
Delta R.T.: 0.009 min
Response: 128404187
Conc: 1324.36 ng/ml



#16 AR-1242-1

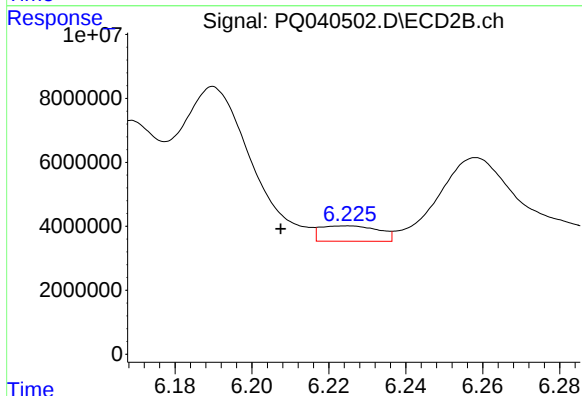
R.T.: 6.169 min
Delta R.T.: -0.006 min
Response: 42518160
Conc: 574.97 ng/ml



#17 AR-1242-2

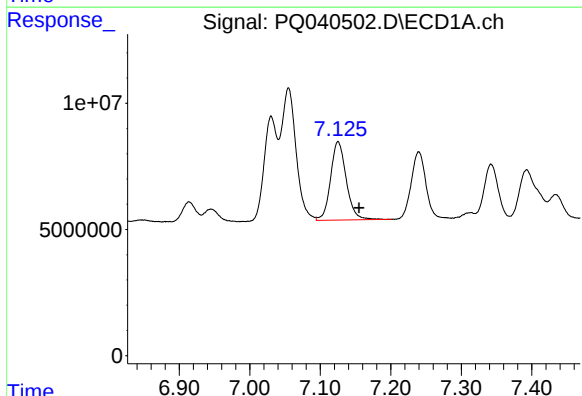
R.T.: 7.054 min
Delta R.T.: -0.030 min
Response: 128404187
Conc: 888.50 ng/ml

Instrument :
ECD_Q
ClientSampleId :



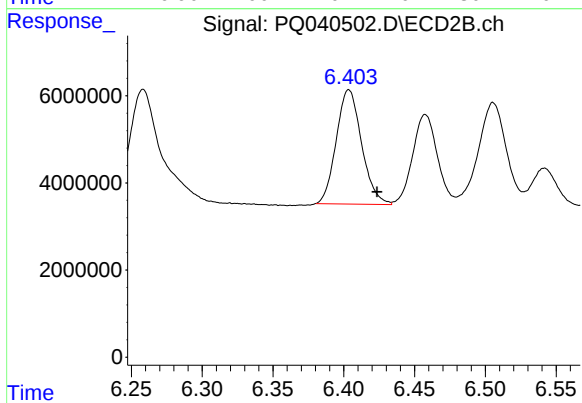
#17 AR-1242-2

R.T.: 6.225 min
Delta R.T.: 0.017 min
Response: 5028806
Conc: 47.24 ng/ml



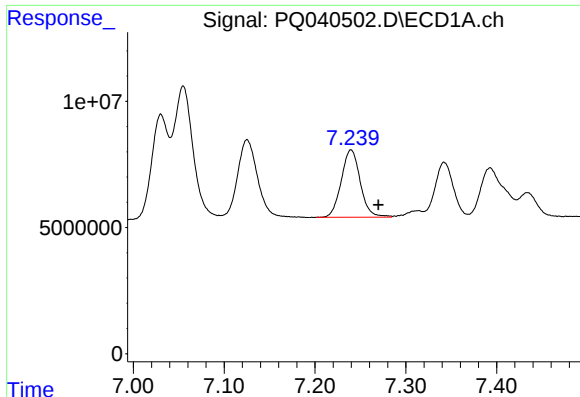
#18 AR-1242-3

R.T.: 7.126 min
Delta R.T.: -0.029 min
Response: 47148866
Conc: 506.48 ng/ml



#18 AR-1242-3

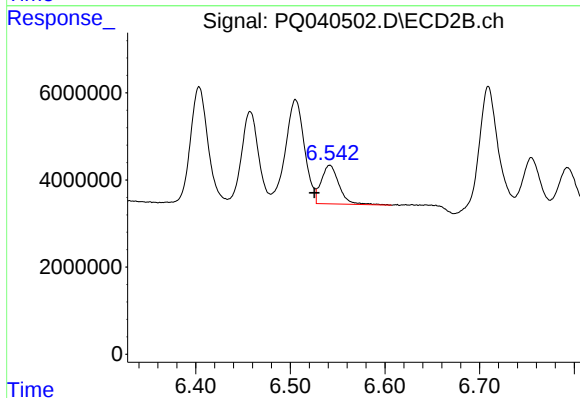
R.T.: 6.404 min
Delta R.T.: -0.020 min
Response: 32701691
Conc: 542.10 ng/ml



#19 AR-1242-4

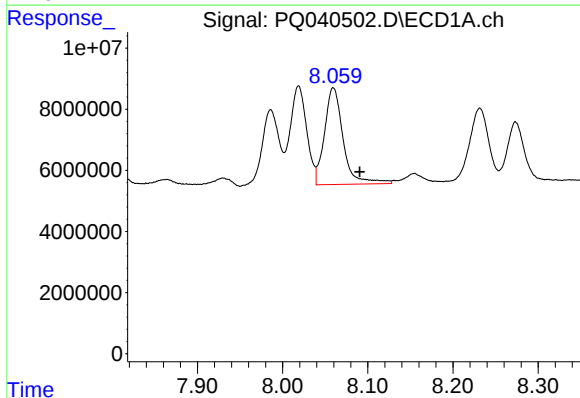
R.T.: 7.240 min
Delta R.T.: -0.030 min
Response: 38880277
Conc: 516.95 ng/ml

Instrument :
ECD_Q
ClientSampleId :



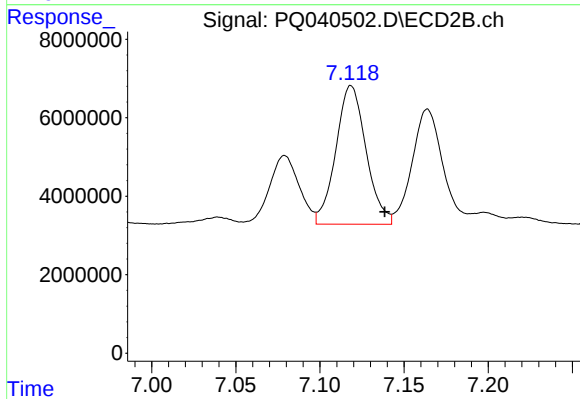
#19 AR-1242-4

R.T.: 6.542 min
Delta R.T.: 0.016 min
Response: 11597847
Conc: 194.59 ng/ml



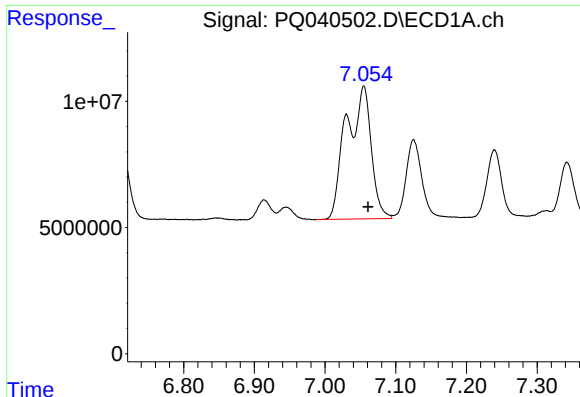
#20 AR-1242-5

R.T.: 8.060 min
Delta R.T.: -0.031 min
Response: 48501692
Conc: 559.46 ng/ml



#20 AR-1242-5

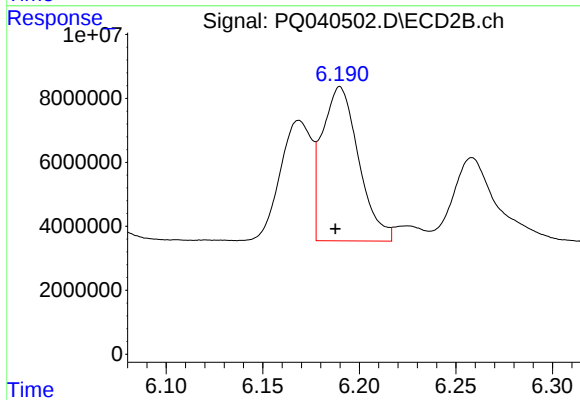
R.T.: 7.119 min
Delta R.T.: -0.020 min
Response: 44213913
Conc: 548.64 ng/ml



#21 AR-1248-1

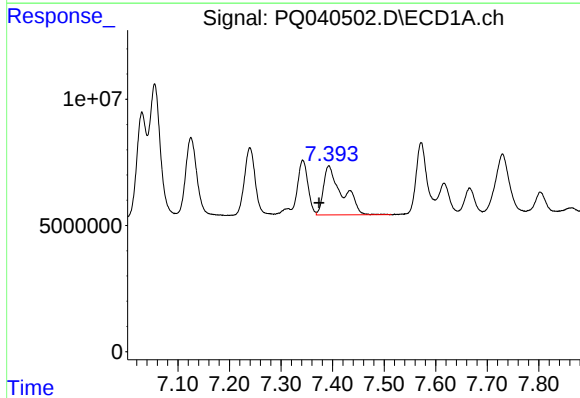
R.T.: 7.054 min
Delta R.T.: -0.007 min
Response: 128404187
Conc: 1658.92 ng/ml

Instrument :
ECD_Q
ClientSampleId :



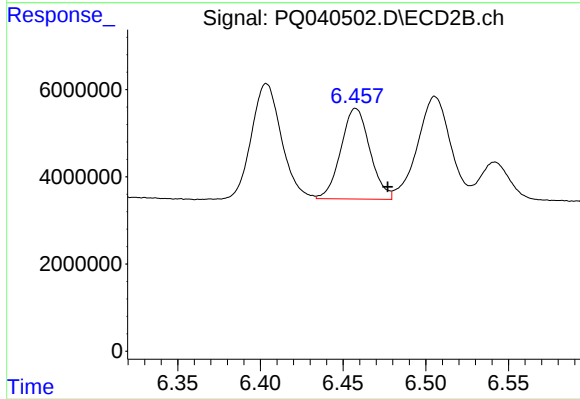
#21 AR-1248-1

R.T.: 6.190 min
Delta R.T.: 0.002 min
Response: 63287534
Conc: 1098.30 ng/ml



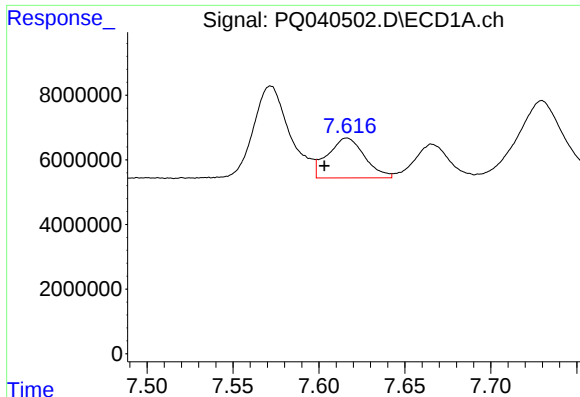
#22 AR-1248-2

R.T.: 7.394 min
Delta R.T.: 0.020 min
Response: 48708844
Conc: 432.46 ng/ml



#22 AR-1248-2

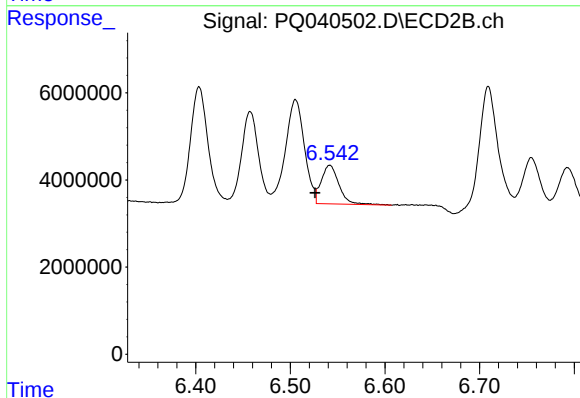
R.T.: 6.458 min
Delta R.T.: -0.019 min
Response: 25470413
Conc: 289.70 ng/ml



#23 AR-1248-3

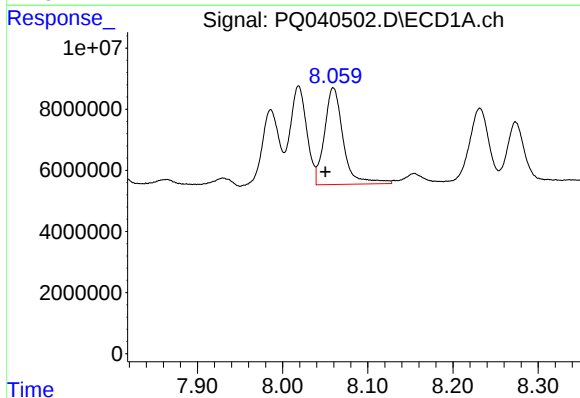
R.T.: 7.616 min
Delta R.T.: 0.013 min
Response: 18362784
Conc: 133.04 ng/ml

Instrument :
ECD_Q
ClientSampleId :



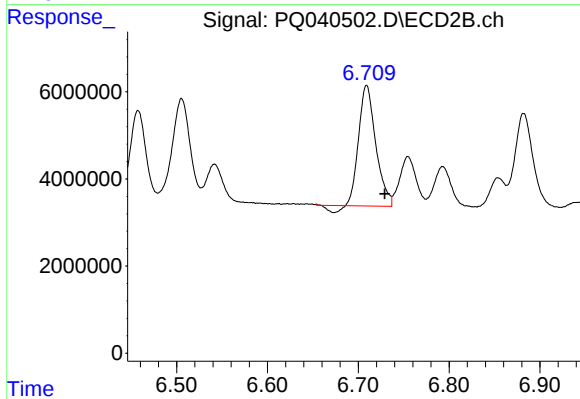
#23 AR-1248-3

R.T.: 6.542 min
Delta R.T.: 0.016 min
Response: 11597847
Conc: 128.18 ng/ml



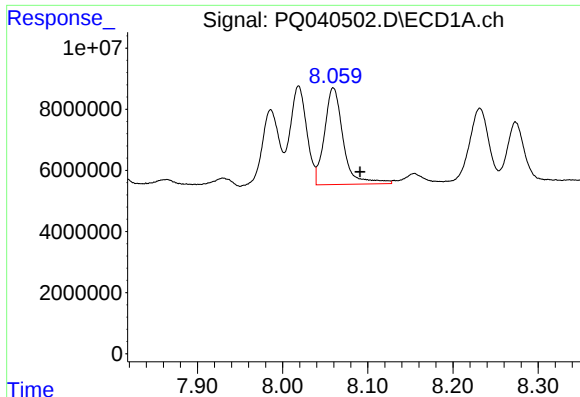
#24 AR-1248-4

R.T.: 8.060 min
Delta R.T.: 0.009 min
Response: 48501692
Conc: 321.27 ng/ml



#24 AR-1248-4

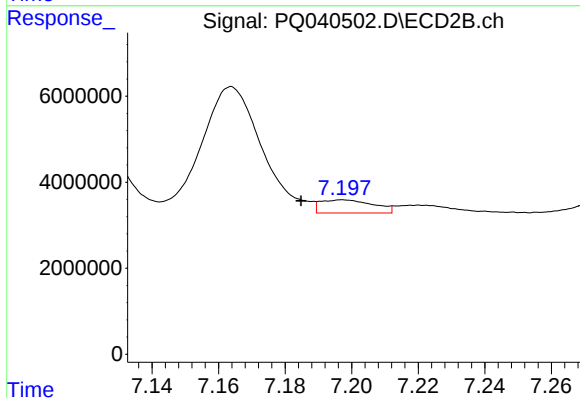
R.T.: 6.709 min
Delta R.T.: -0.020 min
Response: 35464505
Conc: 321.15 ng/ml



#25 AR-1248-5

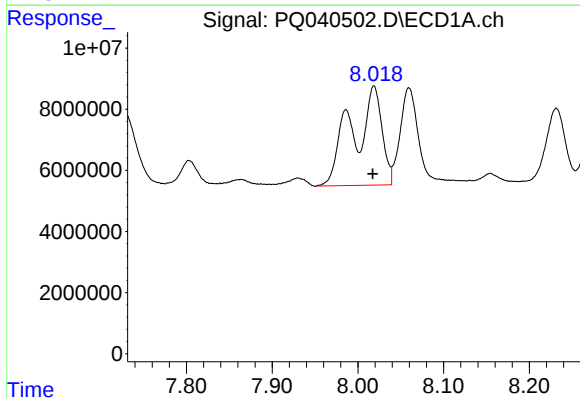
R.T.: 8.060 min
Delta R.T.: -0.031 min
Response: 48501692
Conc: 322.15 ng/ml

Instrument :
ECD_Q
ClientSampleId :



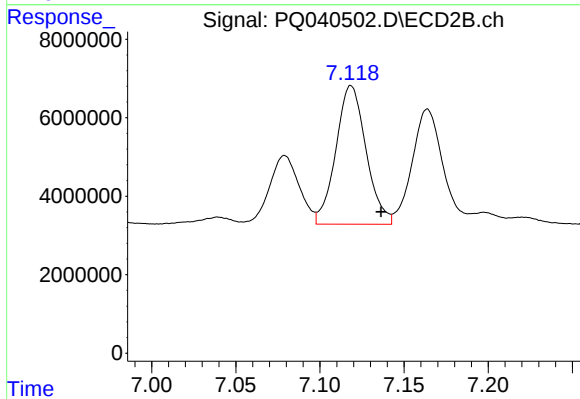
#25 AR-1248-5

R.T.: 7.197 min
Delta R.T.: 0.013 min
Response: 3395499
Conc: 29.91 ng/ml



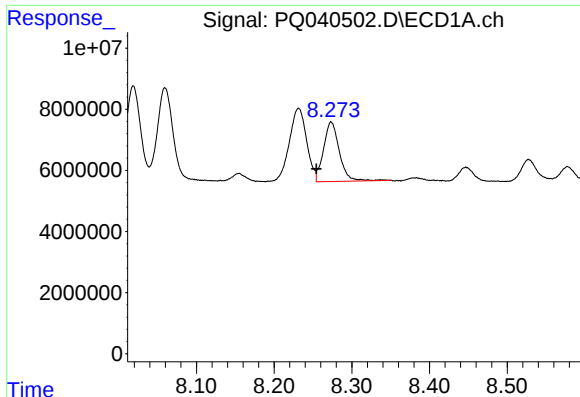
#26 AR-1254-1

R.T.: 8.019 min
Delta R.T.: 0.001 min
Response: 77587032
Conc: 444.89 ng/ml



#26 AR-1254-1

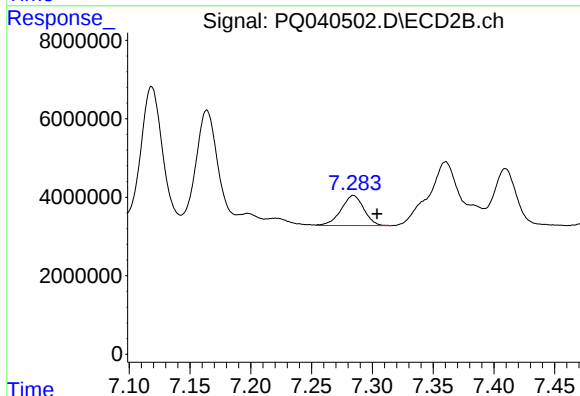
R.T.: 7.119 min
Delta R.T.: -0.018 min
Response: 44213913
Conc: 230.84 ng/ml



#27 AR-1254-2

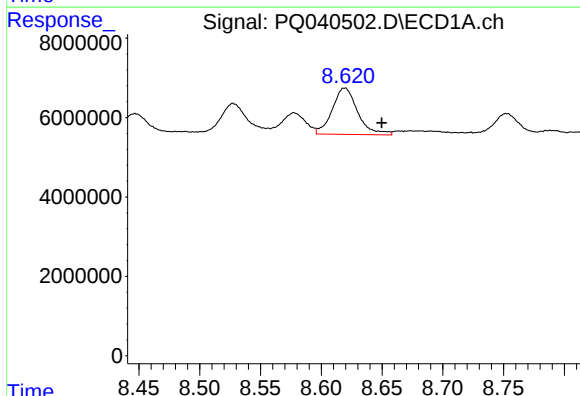
R.T.: 8.274 min
Delta R.T.: 0.019 min
Response: 27864898
Conc: 100.76 ng/ml

Instrument :
ECD_Q
ClientSampleId :



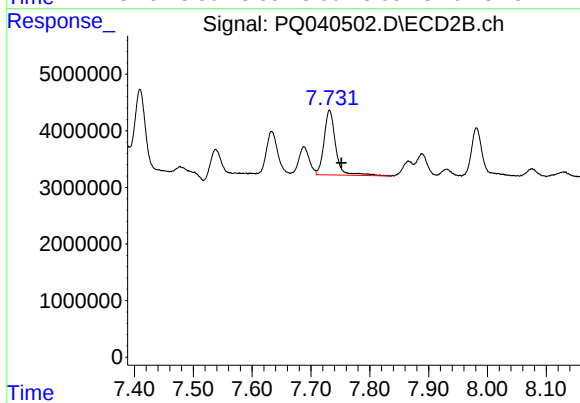
#27 AR-1254-2

R.T.: 7.284 min
Delta R.T.: -0.020 min
Response: 9986873
Conc: 57.48 ng/ml



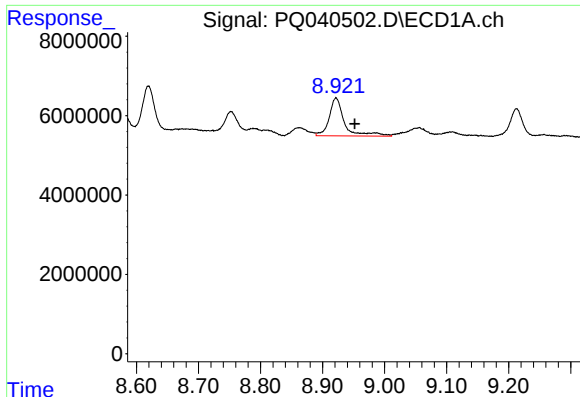
#28 AR-1254-3

R.T.: 8.619 min
Delta R.T.: -0.030 min
Response: 17068612
Conc: 57.51 ng/ml



#28 AR-1254-3

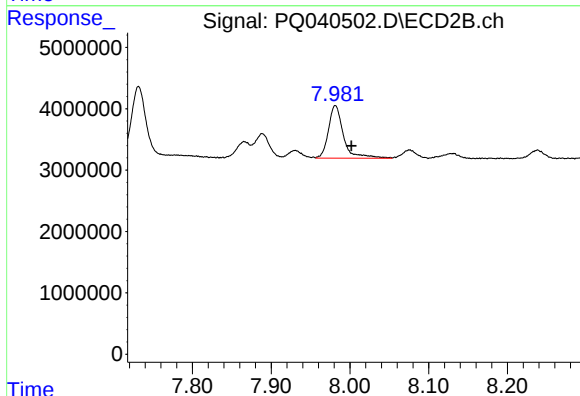
R.T.: 7.732 min
Delta R.T.: -0.020 min
Response: 15635216
Conc: 54.10 ng/ml



#29 AR-1254-4

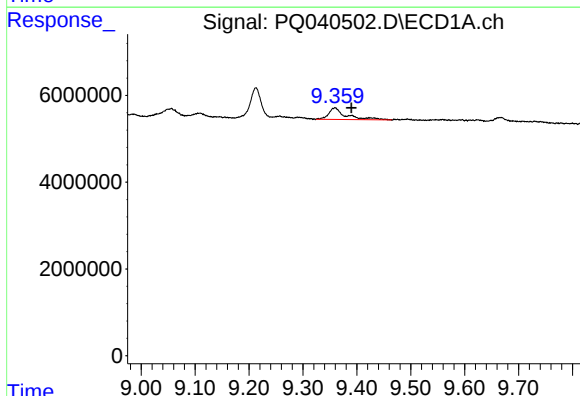
R.T.: 8.922 min
Delta R.T.: -0.030 min
Response: 16424958
Conc: 79.03 ng/ml

Instrument :
ECD_Q
ClientSampleId :



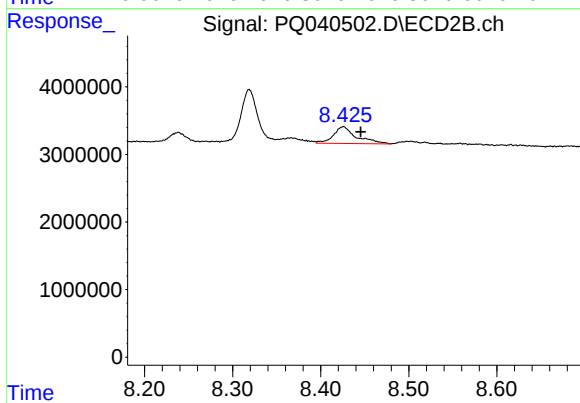
#29 AR-1254-4

R.T.: 7.982 min
Delta R.T.: -0.020 min
Response: 11336537
Conc: 63.49 ng/ml



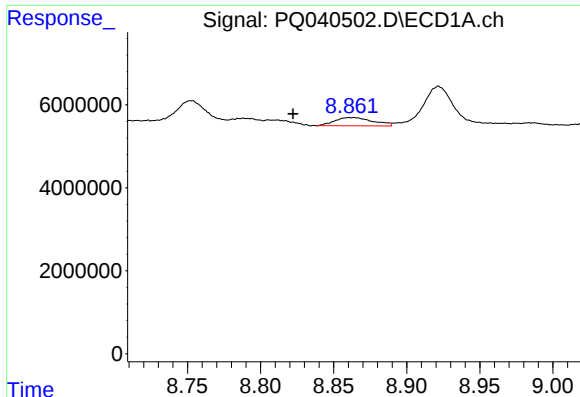
#30 AR-1254-5

R.T.: 9.359 min
Delta R.T.: -0.031 min
Response: 6073123
Conc: 21.09 ng/ml



#30 AR-1254-5

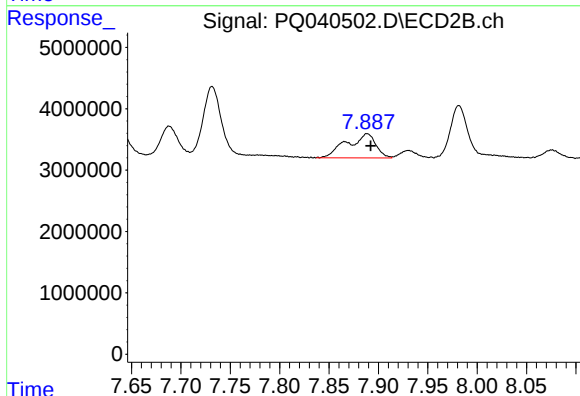
R.T.: 8.426 min
Delta R.T.: -0.020 min
Response: 4513366
Conc: 17.52 ng/ml



#31 AR-1260-1

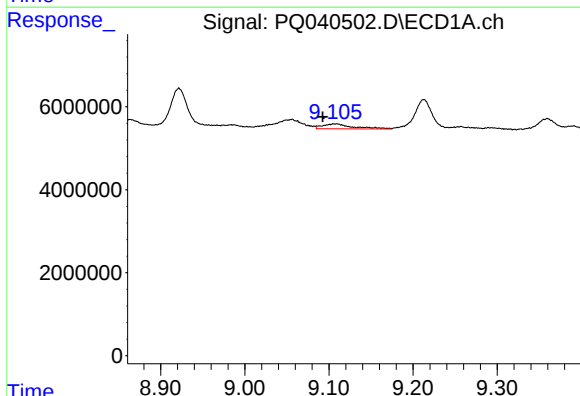
R.T.: 8.863 min
Delta R.T.: 0.041 min
Response: 3595933
Conc: 10.82 ng/ml

Instrument :
ECD_Q
ClientSampleId :



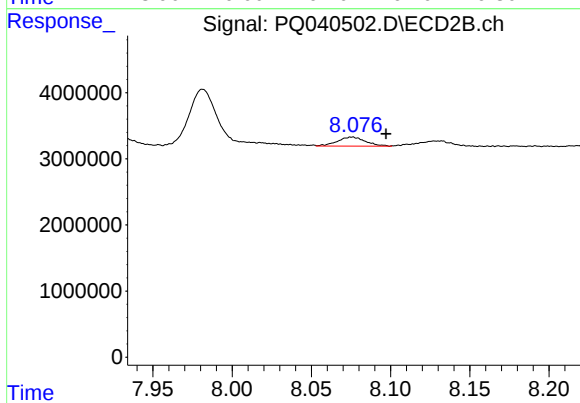
#31 AR-1260-1

R.T.: 7.889 min
Delta R.T.: -0.004 min
Response: 8025096
Conc: 29.27 ng/ml



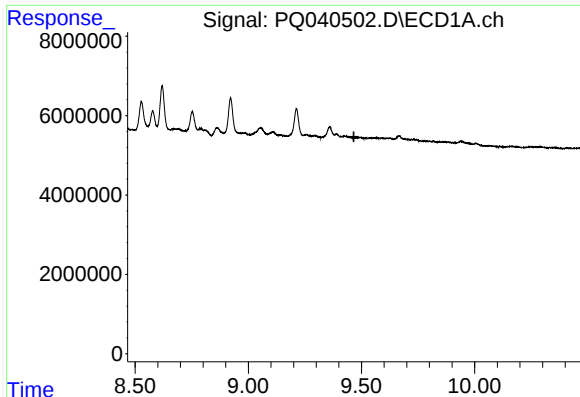
#32 AR-1260-2

R.T.: 9.107 min
Delta R.T.: 0.014 min
Response: 3005785
Conc: 7.44 ng/ml



#32 AR-1260-2

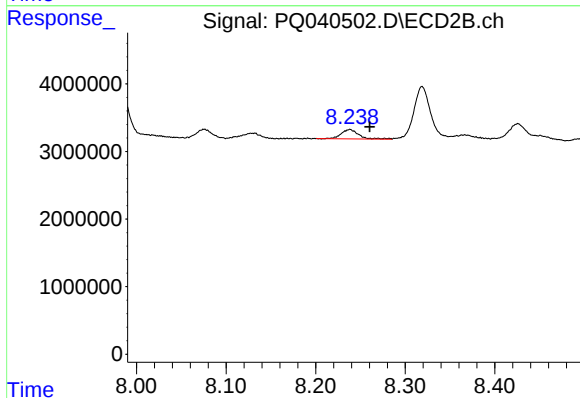
R.T.: 8.076 min
Delta R.T.: -0.022 min
Response: 1708395
Conc: 4.94 ng/ml



#33 AR-1260-3

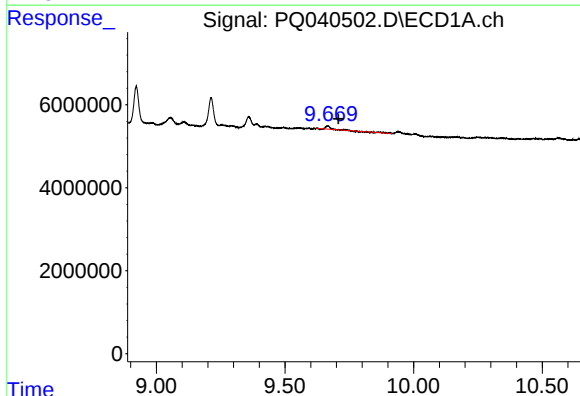
R.T.: 0.000 min
Exp R.T.: 9.467 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



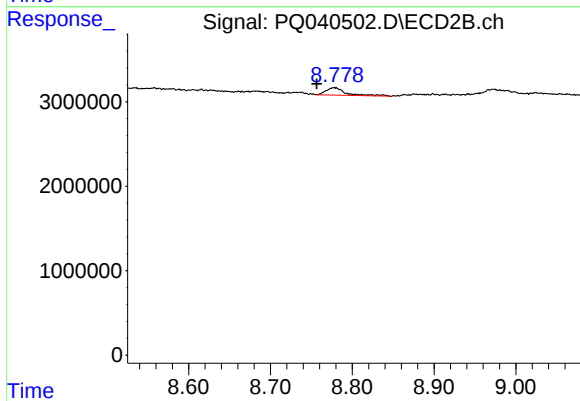
#33 AR-1260-3

R.T.: 8.238 min
Delta R.T.: -0.022 min
Response: 1890114
Conc: 5.89 ng/ml



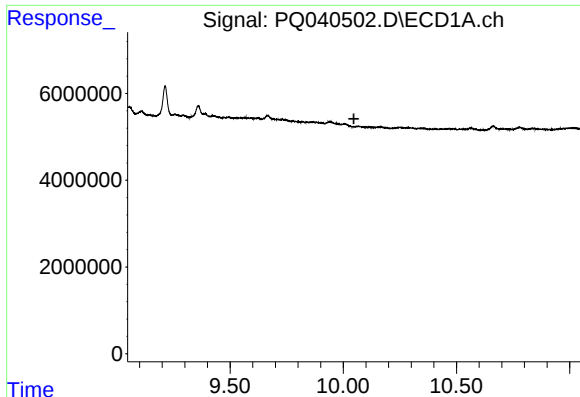
#34 AR-1260-4

R.T.: 9.666 min
Delta R.T.: -0.042 min
Response: 1019646
Conc: 2.77 ng/ml



#34 AR-1260-4

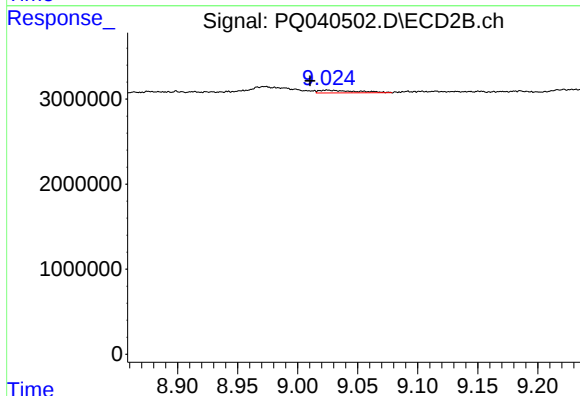
R.T.: 8.778 min
Delta R.T.: 0.021 min
Response: 1448068
Conc: 5.33 ng/ml



#35 AR-1260-5

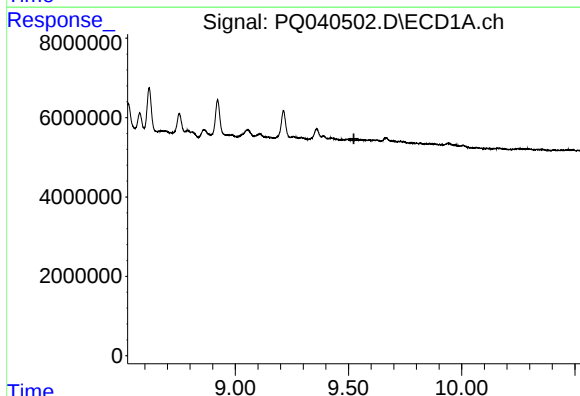
R.T.: 0.000 min
Exp R.T.: 10.047 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



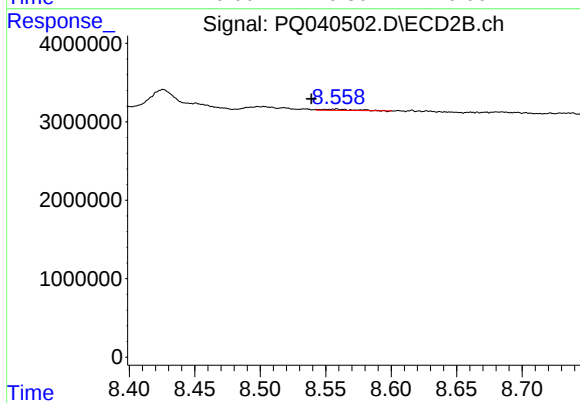
#35 AR-1260-5

R.T.: 9.025 min
Delta R.T.: 0.015 min
Response: 693609
Conc: 1.03 ng/ml



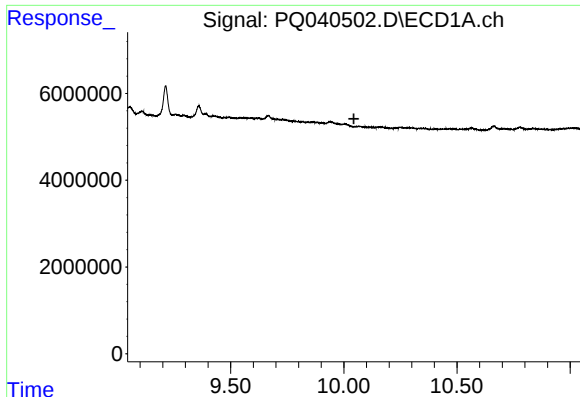
#36 AR-1262-1

R.T.: 0.000 min
Exp R.T.: 9.524 min
Response: 0
Conc: N.D.



#36 AR-1262-1

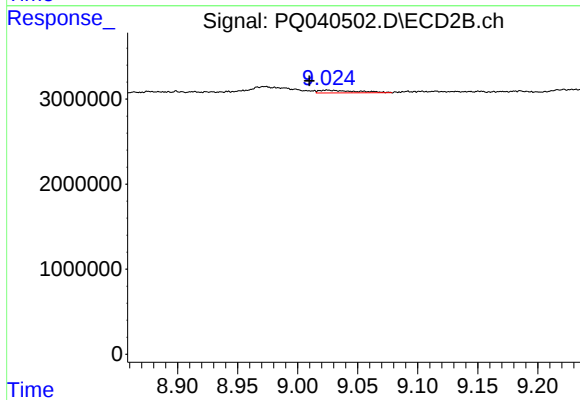
R.T.: 8.558 min
Delta R.T.: 0.019 min
Response: 220252
Conc: 1.94 ng/ml



#37 AR-1262-2

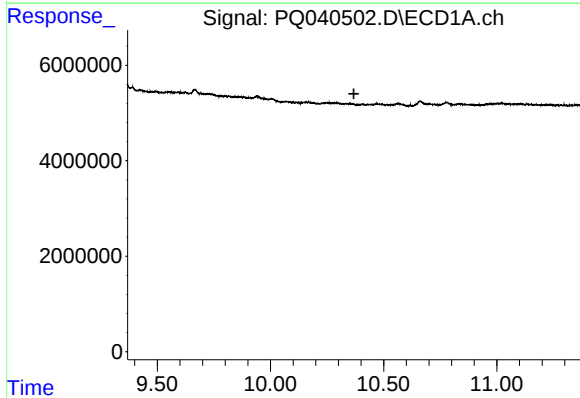
R.T.: 0.000 min
Exp R.T.: 10.045 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



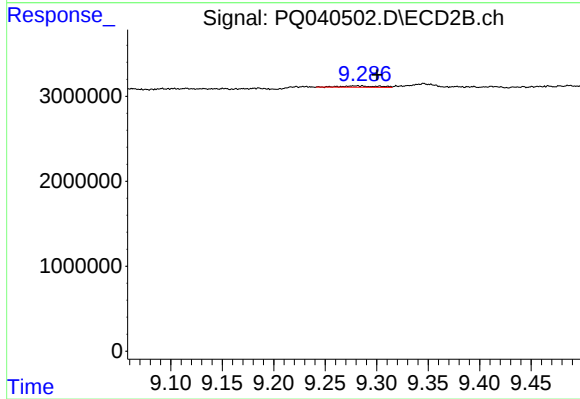
#37 AR-1262-2

R.T.: 9.025 min
Delta R.T.: 0.015 min
Response: 693609
Conc: 1.40 ng/ml



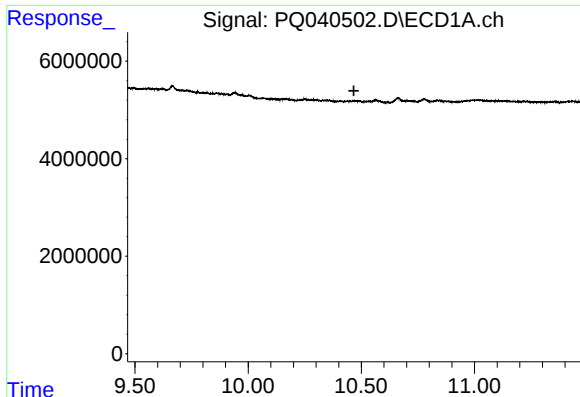
#38 AR-1262-3

R.T.: 0.000 min
Exp R.T.: 10.369 min
Response: 0
Conc: N.D.



#38 AR-1262-3

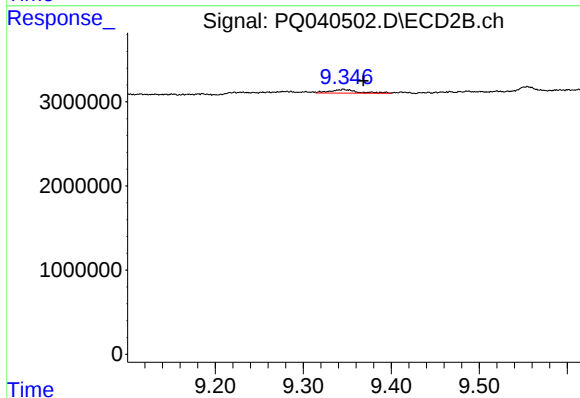
R.T.: 9.280 min
Delta R.T.: -0.020 min
Response: 395060
Conc: 1.88 ng/ml



#39 AR-1262-4

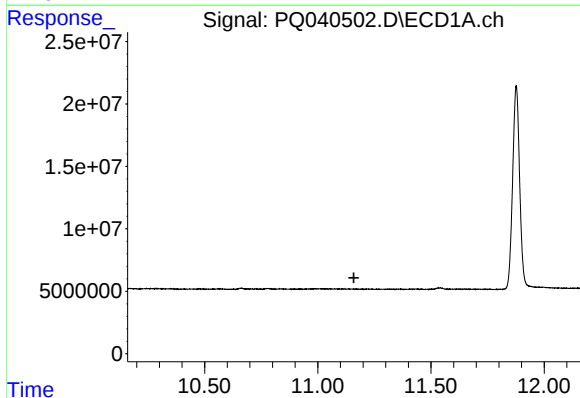
R.T.: 0.000 min
Exp R.T.: 10.467 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



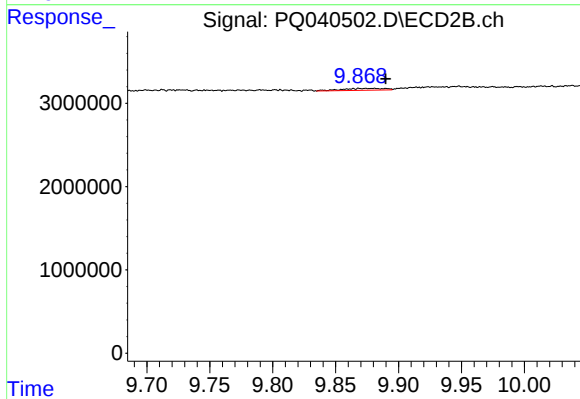
#39 AR-1262-4

R.T.: 9.346 min
Delta R.T.: -0.023 min
Response: 962080
Conc: 2.54 ng/ml



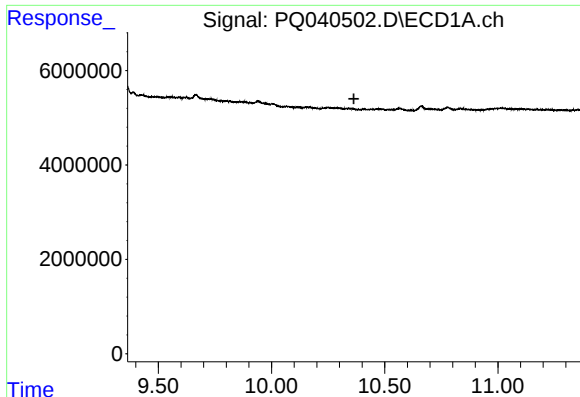
#40 AR-1262-5

R.T.: 0.000 min
Exp R.T.: 11.159 min
Response: 0
Conc: N.D.



#40 AR-1262-5

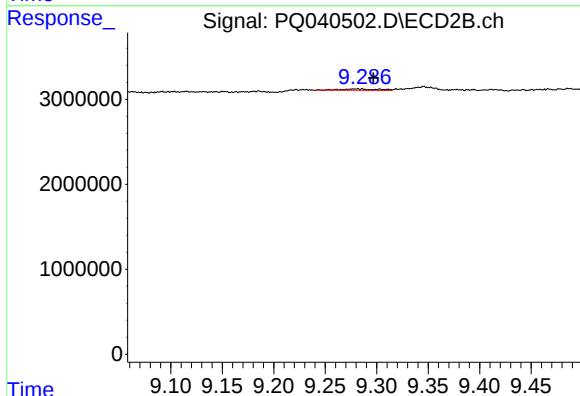
R.T.: 9.877 min
Delta R.T.: -0.012 min
Response: 534647
Conc: 3.30 ng/ml



#41 AR-1268-1

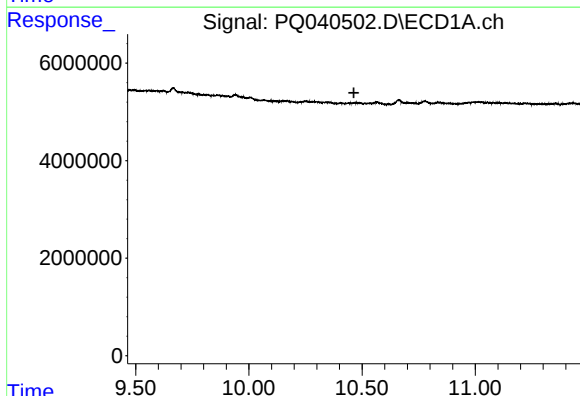
R.T.: 0.000 min
Exp R.T.: 10.364 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



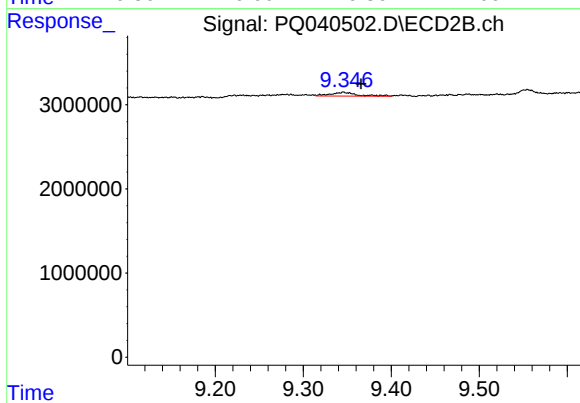
#41 AR-1268-1

R.T.: 9.280 min
Delta R.T.: -0.017 min
Response: 395060
Conc: 0.87 ng/ml



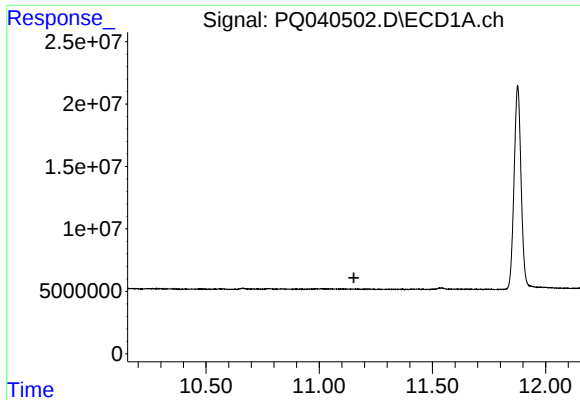
#42 AR-1268-2

R.T.: 0.000 min
Exp R.T.: 10.464 min
Response: 0
Conc: N.D.



#42 AR-1268-2

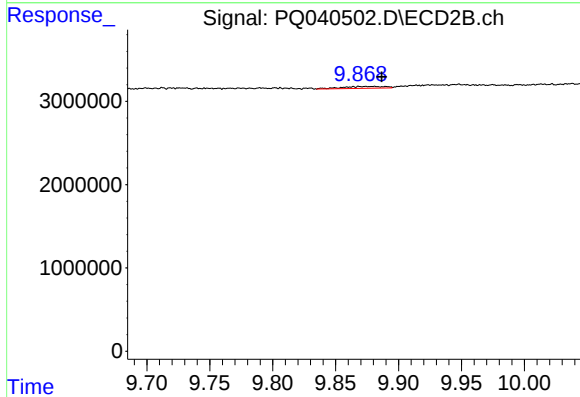
R.T.: 9.346 min
Delta R.T.: -0.020 min
Response: 962080
Conc: 2.20 ng/ml



#44 AR-1268-4

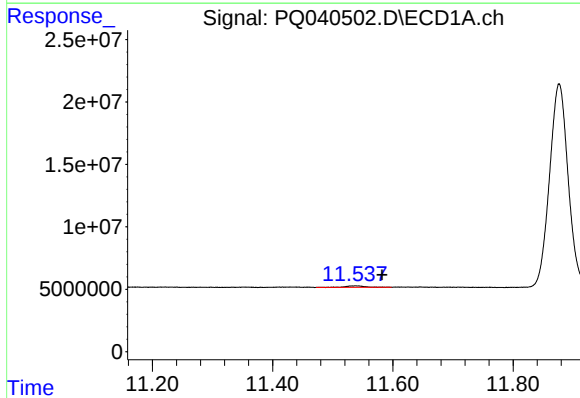
R.T.: 0.000 min
Exp R.T.: 11.153 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



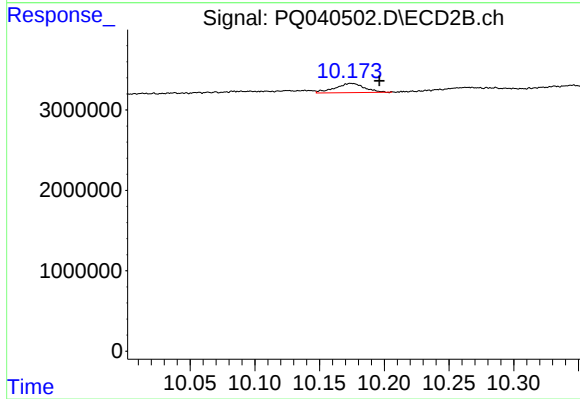
#44 AR-1268-4

R.T.: 9.877 min
Delta R.T.: -0.009 min
Response: 534647
Conc: 3.88 ng/ml



#45 AR-1268-5

R.T.: 11.538 min
Delta R.T.: -0.044 min
Response: 2624942
Conc: 1.42 ng/ml



#45 AR-1268-5

R.T.: 10.175 min
Delta R.T.: -0.022 min
Response: 1820628
Conc: 1.54 ng/ml