

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ061022\
 Data File : PQ058060.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 10 Jun 2022 16:51
 Operator : YP\AJ
 Sample : AR1254CCC400
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 10 23:03:15 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ060822CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Thu Jun 09 05:05:02 2022
 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...	4.692	4.054	269.7E6	268.5E6	18.201	17.428
2)	SA Decachlor...	10.616	9.201	471.9E6	397.4E6	33.776	35.459
Target Compounds							
3)	L1 AR-1016-1	5.878	5.159	3832990	4738641	9.697	9.573
4)	L1 AR-1016-2	5.902	5.179	5770843	3863456	8.599	5.462 #
5)	L1 AR-1016-3	5.963	5.361	2573419	2073929	6.230	5.629
6)	L1 AR-1016-4	6.062	5.398	2531657	107.4E6	7.184	364.585 #
7)	L1 AR-1016-5	6.357	5.617	52666449	64179786	171.817	168.216
8)	L2 AR-1221-1	4.906	0.000	934354	0	6.014	N.D. #
9)	L2 AR-1221-2	4.985	4.362	220615	4162790	1.932	36.727 #
10)	L2 AR-1221-3	5.070	4.437	853433	1641125	2.298	4.287 #
11)	L3 AR-1232-1	5.070	4.437	853433	1641125	3.094	5.564 #
12)	L3 AR-1232-2	5.608	5.179	3171172	3863456	23.094	13.527 #
13)	L3 AR-1232-3	5.902	5.361	5770843	2073929	21.093	14.135 #
14)	L3 AR-1232-4	6.062	5.441	2531657	31324540	18.049	238.334 #
15)	L3 AR-1232-5	6.149	5.617	78809838	64179786	939.375	435.278 #
16)	L4 AR-1242-1	5.878	5.159	3832990	4738641	12.007	11.718
17)	L4 AR-1242-2	5.902	5.179	5770843	3863456	10.531	6.692 #
18)	L4 AR-1242-3	5.963	5.361	2573419	2073929	7.651	6.864
19)	L4 AR-1242-4	6.062	5.441	2531657	31324540	8.776	106.915 #
20)	L4 AR-1242-5	6.804	5.972	47891023	269.7E6	171.807	720.889 #
21)	L5 AR-1248-1	5.878	5.159	3832990	4738641	15.578	15.202
22)	L5 AR-1248-2	6.149	5.398	78809838	107.4E6	243.626	255.308
23)	L5 AR-1248-3	6.357	5.441	52666449	31324540	126.110	71.167 #
24)	L5 AR-1248-4	6.762	5.617	78201153	64179786	170.810	121.684 #
25)	L5 AR-1248-5	6.804	6.013	47891023	30184234	100.718	57.460 #
26)	L6 AR-1254-1	6.735	5.972	148.1E6	269.7E6	344.006	336.787
27)	L6 AR-1254-2	6.953	6.117	231.0E6	232.2E6	341.841	334.944
28)	L6 AR-1254-3	7.323	6.527	280.5E6	384.9E6	340.075	336.534
29)	L6 AR-1254-4	7.610	6.754	183.3E6	227.3E6	331.325	330.021
30)	L6 AR-1254-5	8.029	7.175	210.2E6	319.2E6	334.527	334.452
31)	L7 AR-1260-1	7.485	6.658	100.1E6	177.2E6	210.929	264.393 #
32)	L7 AR-1260-2	7.740	6.842	110.4E6	143.6E6	191.882	178.458
33)	L7 AR-1260-3	8.029	7.001	210.2E6	146.5E6	285.494	193.776 #
34)	L7 AR-1260-4	8.334	7.475	81077886	14724123	148.307	23.284 #
35)	L7 AR-1260-5	8.681	7.710	35834551	31783855	30.125	21.509 #
36)	L8 AR-1262-1	8.093	7.175	28800162	319.2E6	40.739	626.610 #
37)	L8 AR-1262-2	8.681	7.710	35834551	31783855	24.946	18.010 #
38)	L8 AR-1262-3	9.035	7.996	22846470	2328024	31.090	3.438 #
39)	L8 AR-1262-4	9.087	8.061	6889321	31477230	11.040	25.161 #
40)	L8 AR-1262-5	9.820	8.586	1140009	1350974	1.903	2.561 #
41)	L9 AR-1268-1	9.035	7.996	22846470	2328024	12.816	1.166 #

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ061022\
 Data File : PQ058060.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 10 Jun 2022 16:51
 Operator : YP\AJ
 Sample : AR1254CCC400
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

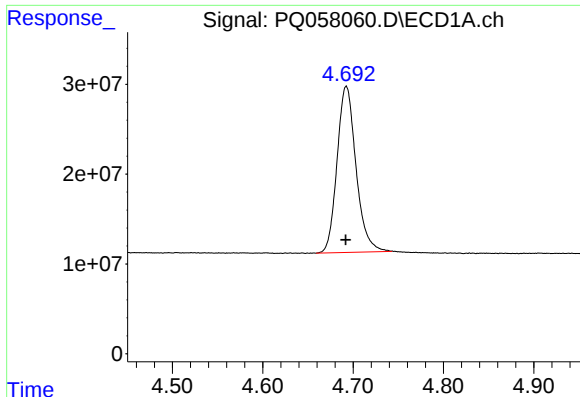
Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 10 23:03:15 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ060822CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Thu Jun 09 05:05:02 2022
 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	9.087	8.061	6889321	31477230	3.656	17.378 #
43) L9	AR-1268-3	9.349	8.281	2525683	774465	1.495	0.496 #
44) L9	AR-1268-4	9.820	8.586	1140009	1350974	1.810	2.282 #
45) L9	AR-1268-5	10.257	8.914	2939480	2229540	0.531	0.499

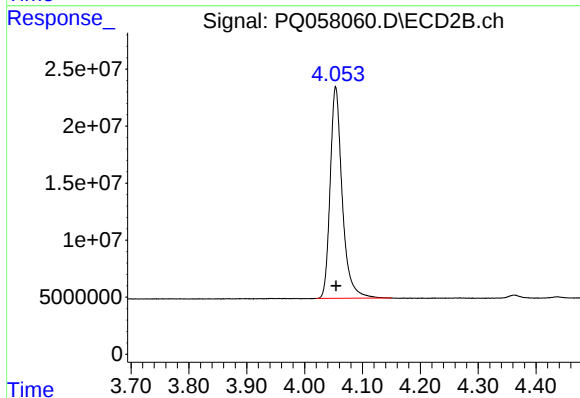
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

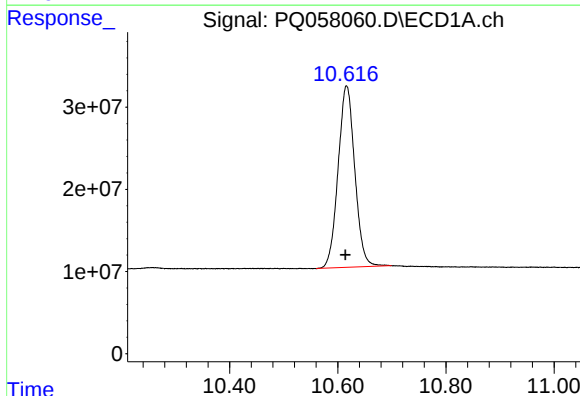
R.T.: 4.692 min
Delta R.T.: 0.000 min
Response: 269729811
Conc: 18.20 ng/ml

Instrument :
ECD_Q
ClientSampleId :



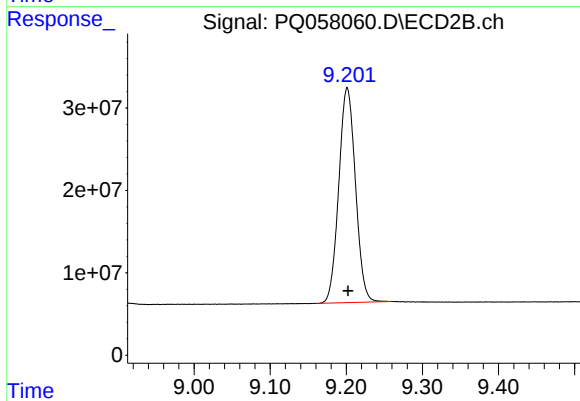
#1 Tetrachloro-m-xylene

R.T.: 4.054 min
Delta R.T.: 0.000 min
Response: 268521036
Conc: 17.43 ng/ml



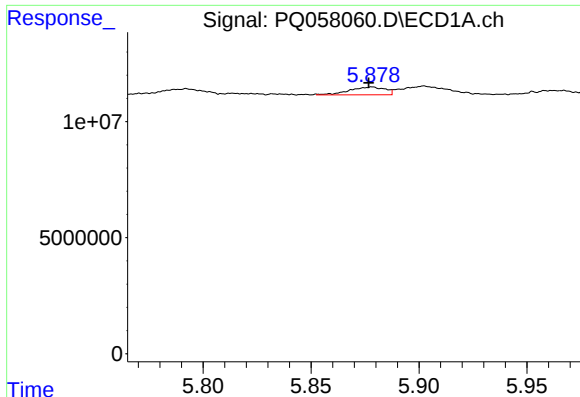
#2 Decachlorobiphenyl

R.T.: 10.616 min
Delta R.T.: 0.002 min
Response: 471942889
Conc: 33.78 ng/ml



#2 Decachlorobiphenyl

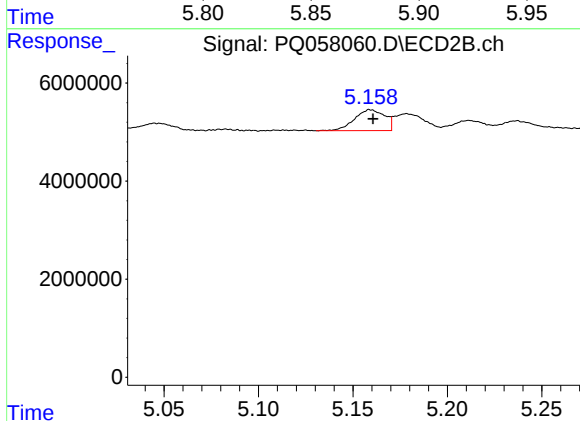
R.T.: 9.201 min
Delta R.T.: -0.001 min
Response: 397374881
Conc: 35.46 ng/ml



#3 AR-1016-1

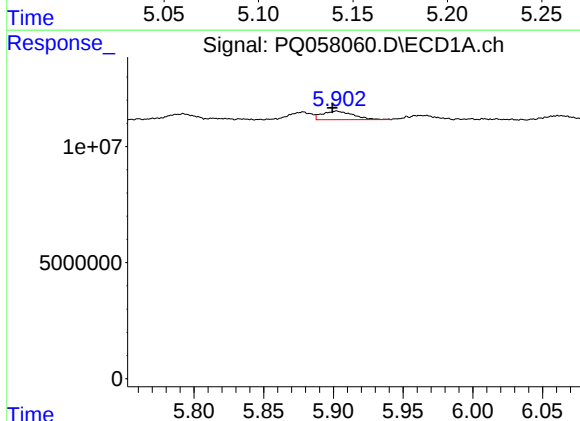
R.T.: 5.878 min
Delta R.T.: 0.001 min
Response: 3832990
Conc: 9.70 ng/ml

Instrument :
ECD_Q
ClientSampleId :



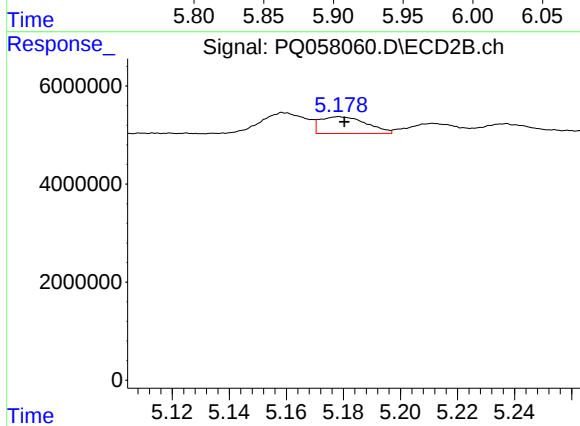
#3 AR-1016-1

R.T.: 5.159 min
Delta R.T.: -0.001 min
Response: 4738641
Conc: 9.57 ng/ml



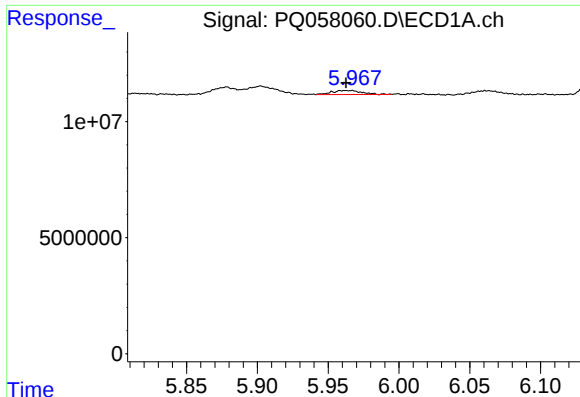
#4 AR-1016-2

R.T.: 5.902 min
Delta R.T.: 0.003 min
Response: 5770843
Conc: 8.60 ng/ml



#4 AR-1016-2

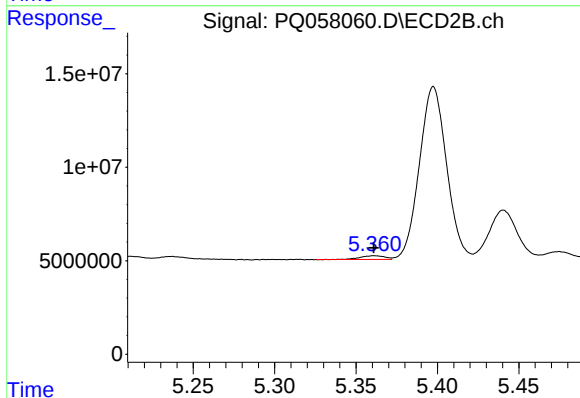
R.T.: 5.179 min
Delta R.T.: -0.002 min
Response: 3863456
Conc: 5.46 ng/ml



#5 AR-1016-3

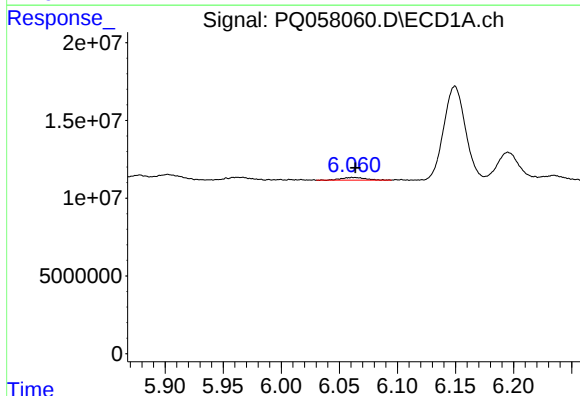
R.T.: 5.963 min
Delta R.T.: 0.000 min
Response: 2573419
Conc: 6.23 ng/ml

Instrument :
ECD_Q
ClientSampleId :



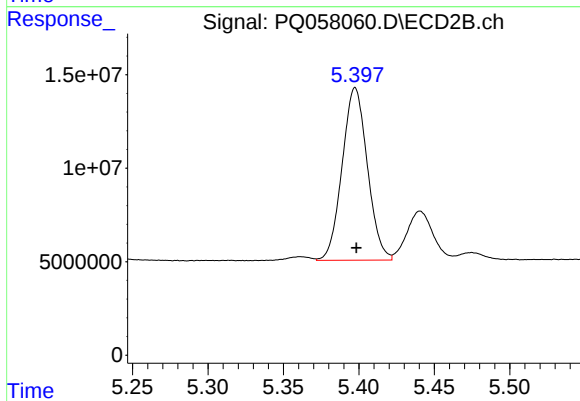
#5 AR-1016-3

R.T.: 5.361 min
Delta R.T.: 0.000 min
Response: 2073929
Conc: 5.63 ng/ml



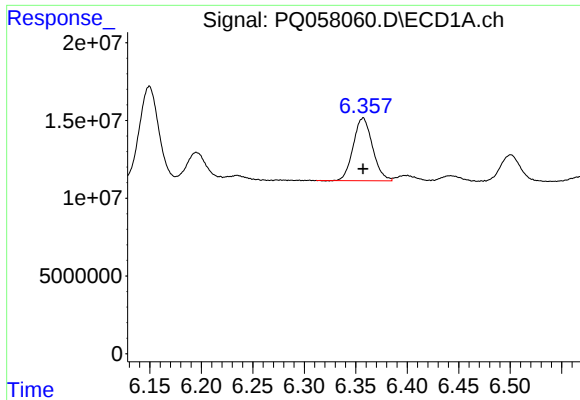
#6 AR-1016-4

R.T.: 6.062 min
Delta R.T.: -0.002 min
Response: 2531657
Conc: 7.18 ng/ml



#6 AR-1016-4

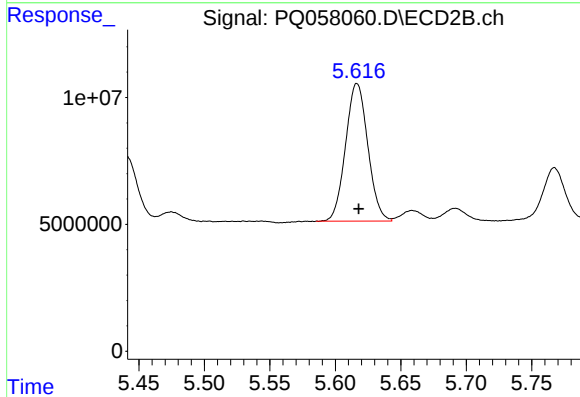
R.T.: 5.398 min
Delta R.T.: 0.000 min
Response: 107390495
Conc: 364.58 ng/ml



#7 AR-1016-5

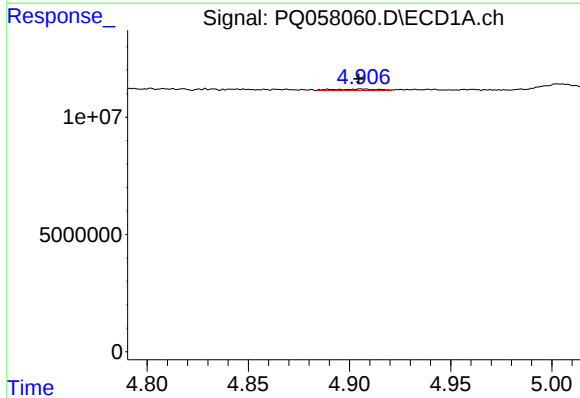
R.T.: 6.357 min
Delta R.T.: 0.000 min
Response: 52666449
Conc: 171.82 ng/ml

Instrument :
ECD_Q
ClientSampleId :



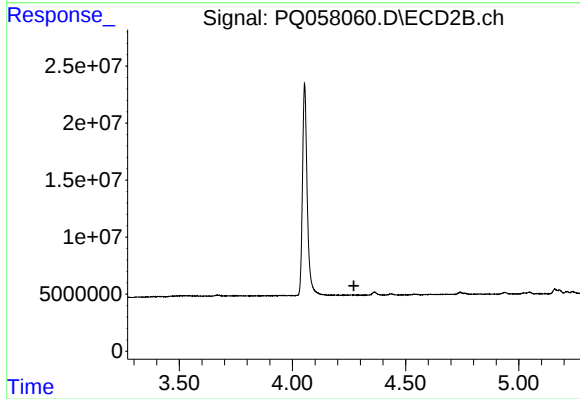
#7 AR-1016-5

R.T.: 5.617 min
Delta R.T.: -0.001 min
Response: 64179786
Conc: 168.22 ng/ml



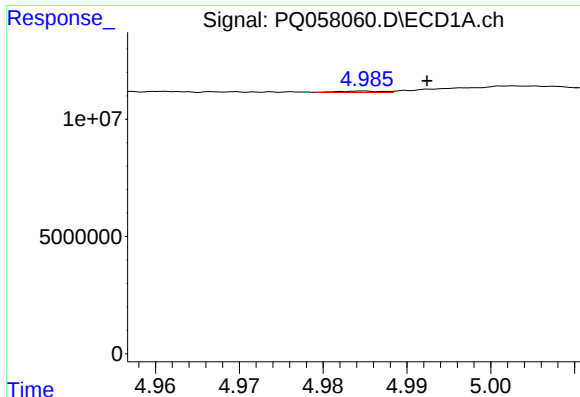
#8 AR-1221-1

R.T.: 4.906 min
Delta R.T.: 0.001 min
Response: 934354
Conc: 6.01 ng/ml



#8 AR-1221-1

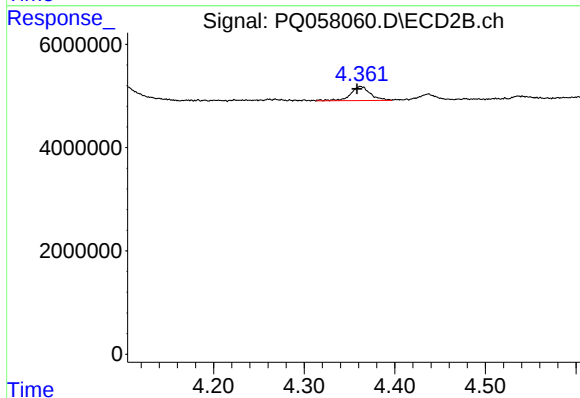
R.T.: 0.000 min
Exp R.T. : 4.272 min
Response: 0
Conc: N.D.



#9 AR-1221-2

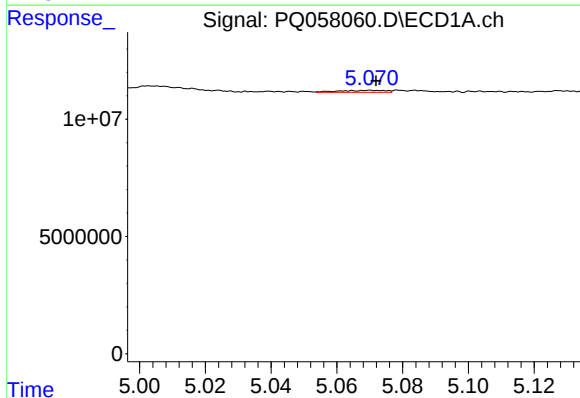
R.T.: 4.985 min
Delta R.T.: -0.007 min
Response: 220615
Conc: 1.93 ng/ml

Instrument :
ECD_Q
ClientSampleId :



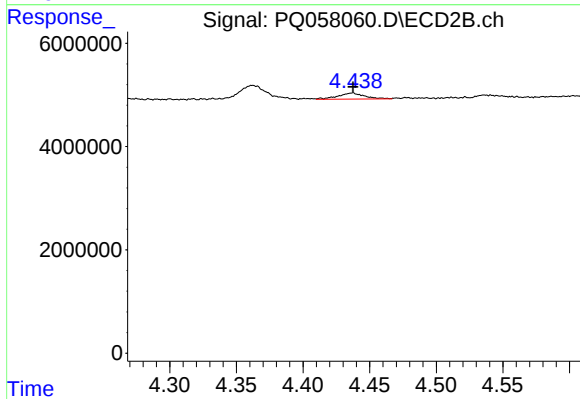
#9 AR-1221-2

R.T.: 4.362 min
Delta R.T.: 0.004 min
Response: 4162790
Conc: 36.73 ng/ml



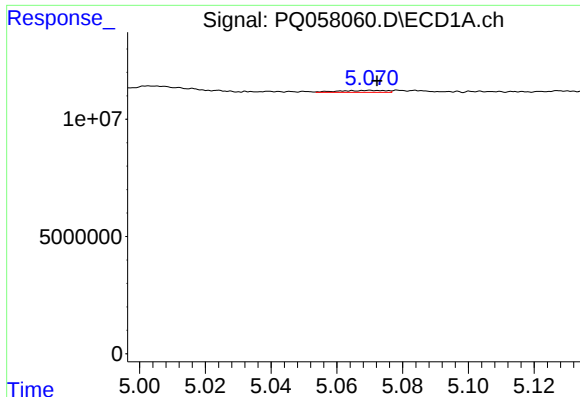
#10 AR-1221-3

R.T.: 5.070 min
Delta R.T.: -0.002 min
Response: 853433
Conc: 2.30 ng/ml



#10 AR-1221-3

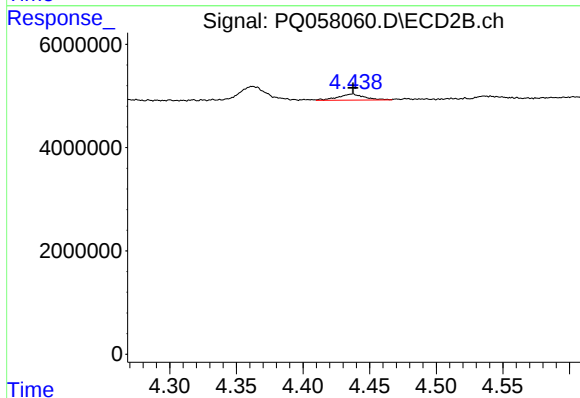
R.T.: 4.437 min
Delta R.T.: 0.000 min
Response: 1641125
Conc: 4.29 ng/ml



#11 AR-1232-1

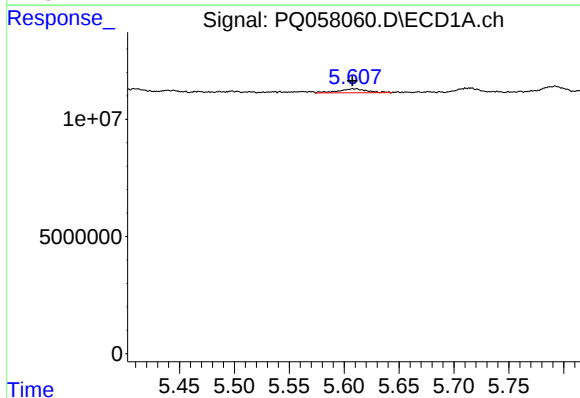
R.T.: 5.070 min
Delta R.T.: -0.002 min
Response: 853433
Conc: 3.09 ng/ml

Instrument :
ECD_Q
ClientSampleId :



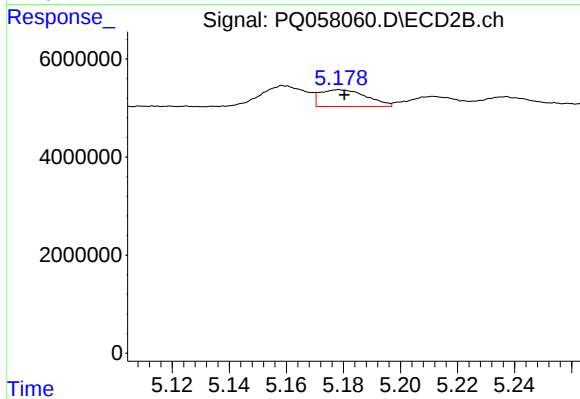
#11 AR-1232-1

R.T.: 4.437 min
Delta R.T.: 0.000 min
Response: 1641125
Conc: 5.56 ng/ml



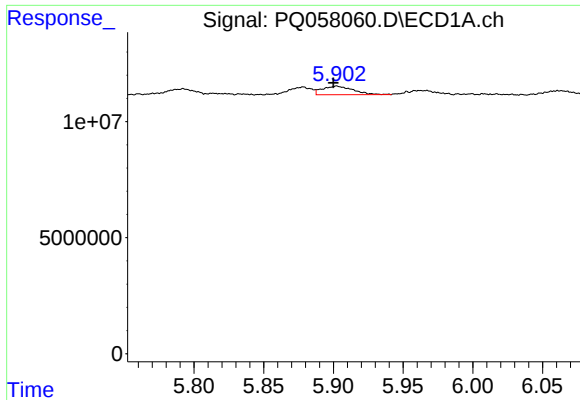
#12 AR-1232-2

R.T.: 5.608 min
Delta R.T.: 0.000 min
Response: 3171172
Conc: 23.09 ng/ml



#12 AR-1232-2

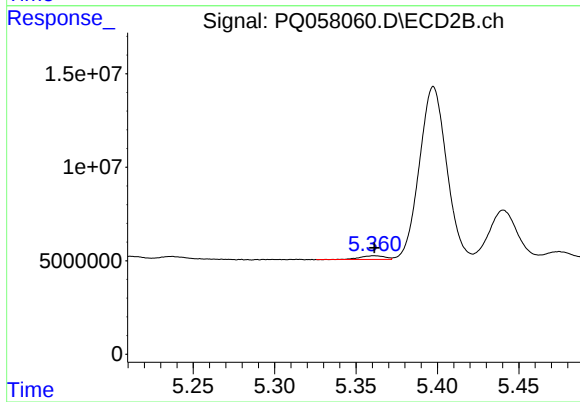
R.T.: 5.179 min
Delta R.T.: -0.002 min
Response: 3863456
Conc: 13.53 ng/ml



#13 AR-1232-3

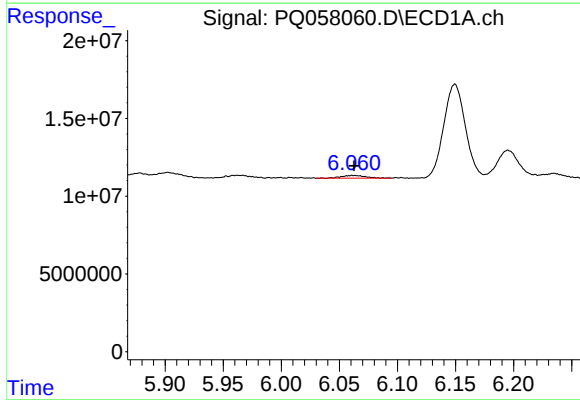
R.T.: 5.902 min
Delta R.T.: 0.002 min
Response: 5770843
Conc: 21.09 ng/ml

Instrument :
ECD_Q
ClientSampleId :



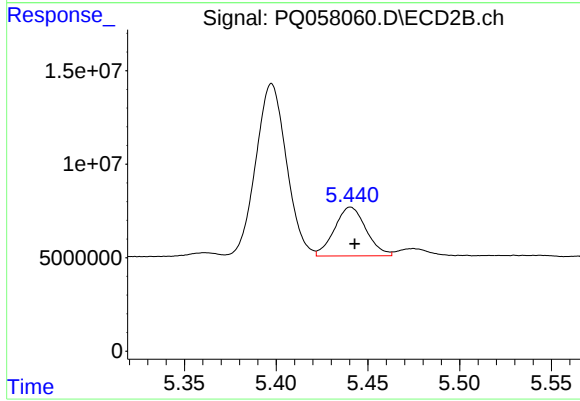
#13 AR-1232-3

R.T.: 5.361 min
Delta R.T.: 0.000 min
Response: 2073929
Conc: 14.14 ng/ml



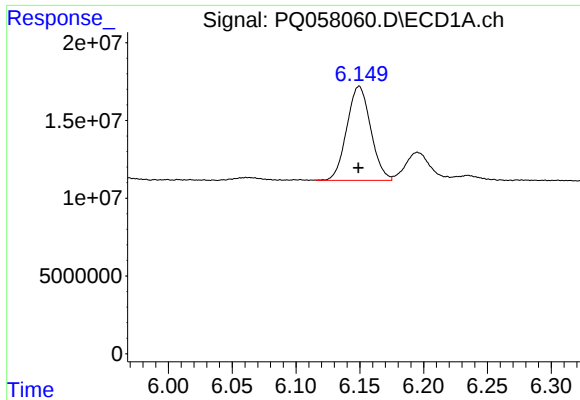
#14 AR-1232-4

R.T.: 6.062 min
Delta R.T.: 0.000 min
Response: 2531657
Conc: 18.05 ng/ml



#14 AR-1232-4

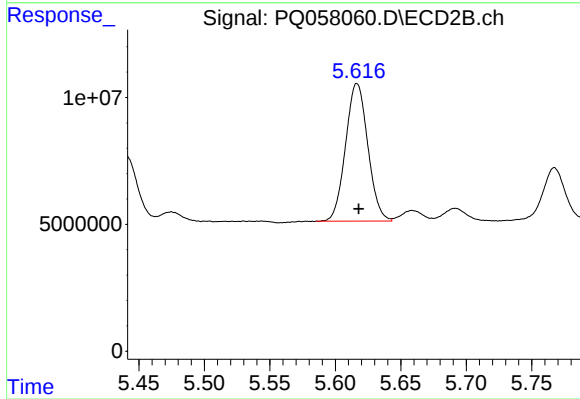
R.T.: 5.441 min
Delta R.T.: -0.002 min
Response: 31324540
Conc: 238.33 ng/ml



#15 AR-1232-5

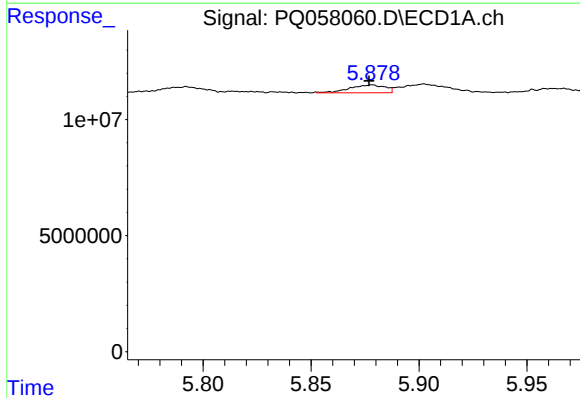
R.T.: 6.149 min
Delta R.T.: 0.000 min
Response: 78809838
Conc: 939.37 ng/ml

Instrument :
ECD_Q
ClientSampleId :



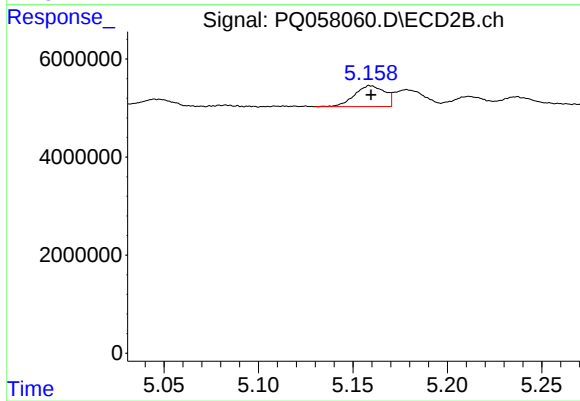
#15 AR-1232-5

R.T.: 5.617 min
Delta R.T.: -0.001 min
Response: 64179786
Conc: 435.28 ng/ml



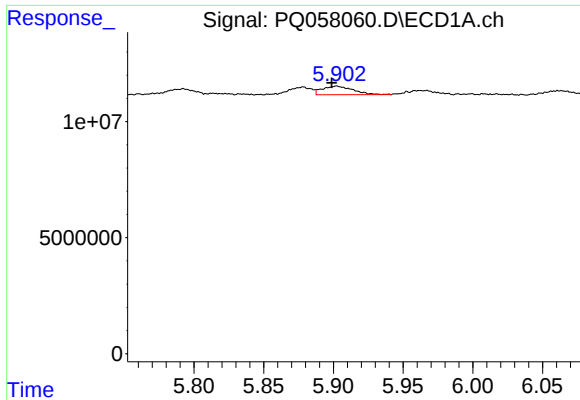
#16 AR-1242-1

R.T.: 5.878 min
Delta R.T.: 0.001 min
Response: 3832990
Conc: 12.01 ng/ml



#16 AR-1242-1

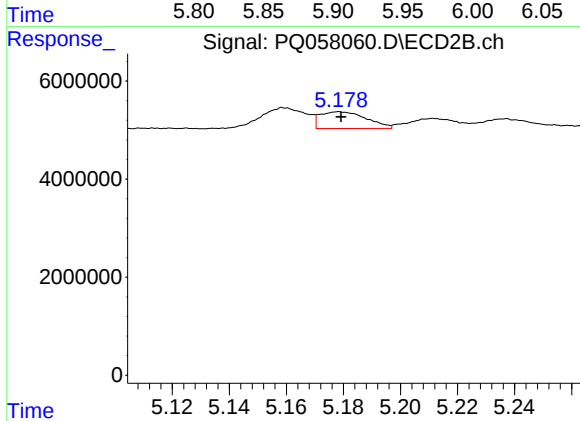
R.T.: 5.159 min
Delta R.T.: 0.000 min
Response: 4738641
Conc: 11.72 ng/ml



#17 AR-1242-2

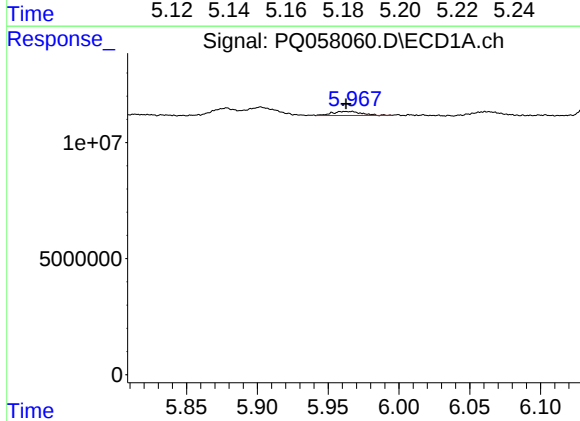
R.T.: 5.902 min
Delta R.T.: 0.004 min
Response: 5770843
Conc: 10.53 ng/ml

Instrument :
ECD_Q
ClientSampleId :



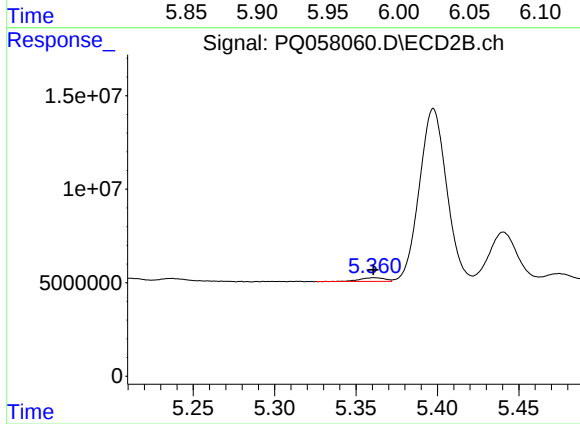
#17 AR-1242-2

R.T.: 5.179 min
Delta R.T.: 0.000 min
Response: 3863456
Conc: 6.69 ng/ml



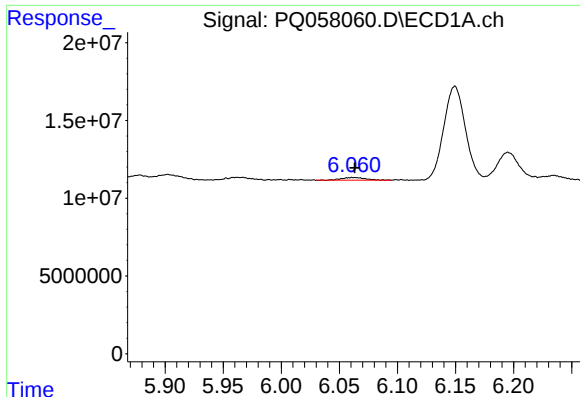
#18 AR-1242-3

R.T.: 5.963 min
Delta R.T.: 0.000 min
Response: 2573419
Conc: 7.65 ng/ml



#18 AR-1242-3

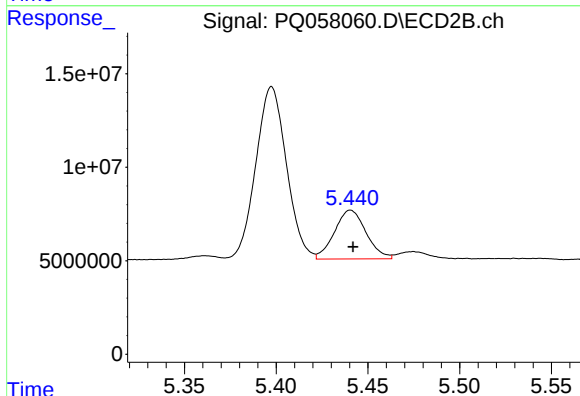
R.T.: 5.361 min
Delta R.T.: 0.000 min
Response: 2073929
Conc: 6.86 ng/ml



#19 AR-1242-4

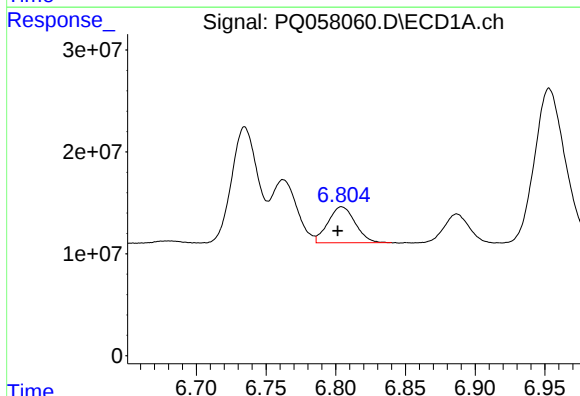
R.T.: 6.062 min
Delta R.T.: -0.001 min
Response: 2531657
Conc: 8.78 ng/ml

Instrument :
ECD_Q
ClientSampleId :



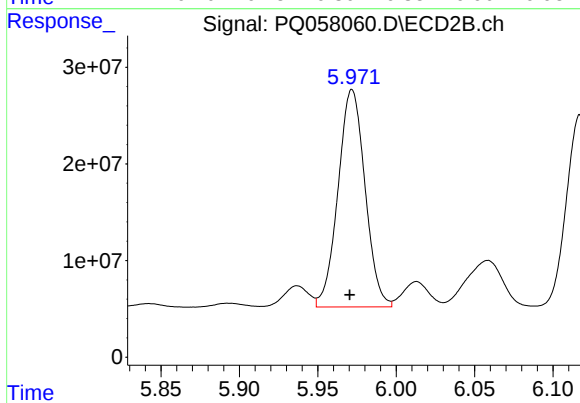
#19 AR-1242-4

R.T.: 5.441 min
Delta R.T.: -0.001 min
Response: 31324540
Conc: 106.92 ng/ml



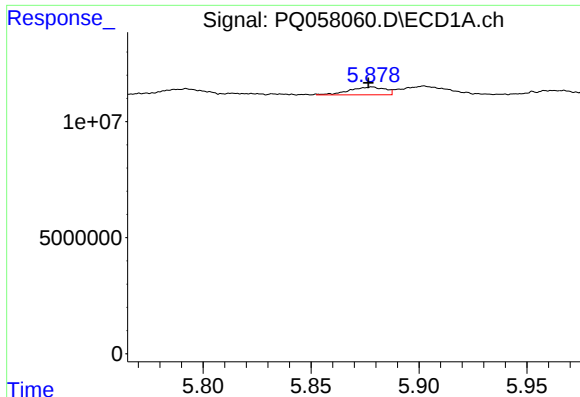
#20 AR-1242-5

R.T.: 6.804 min
Delta R.T.: 0.003 min
Response: 47891023
Conc: 171.81 ng/ml



#20 AR-1242-5

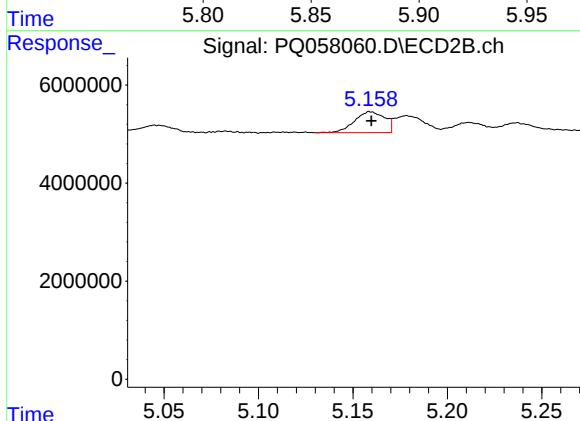
R.T.: 5.972 min
Delta R.T.: 0.002 min
Response: 269697871
Conc: 720.89 ng/ml



#21 AR-1248-1

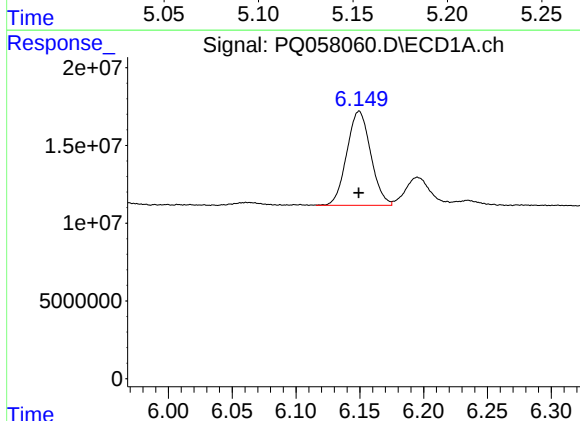
R.T.: 5.878 min
Delta R.T.: 0.002 min
Response: 3832990
Conc: 15.58 ng/ml

Instrument :
ECD_Q
ClientSampleId :



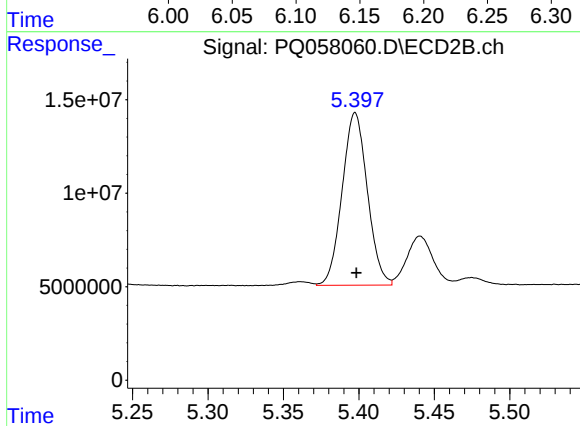
#21 AR-1248-1

R.T.: 5.159 min
Delta R.T.: 0.000 min
Response: 4738641
Conc: 15.20 ng/ml



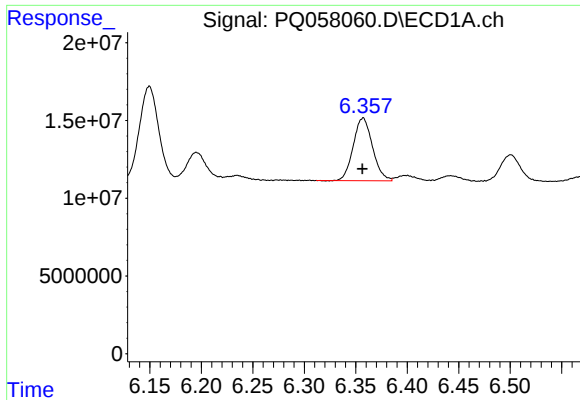
#22 AR-1248-2

R.T.: 6.149 min
Delta R.T.: 0.000 min
Response: 78809838
Conc: 243.63 ng/ml



#22 AR-1248-2

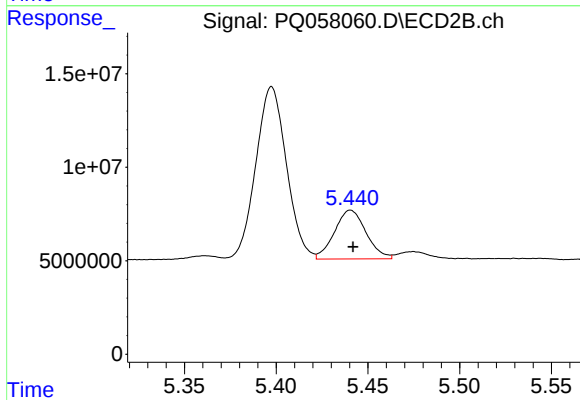
R.T.: 5.398 min
Delta R.T.: 0.000 min
Response: 107390495
Conc: 255.31 ng/ml



#23 AR-1248-3

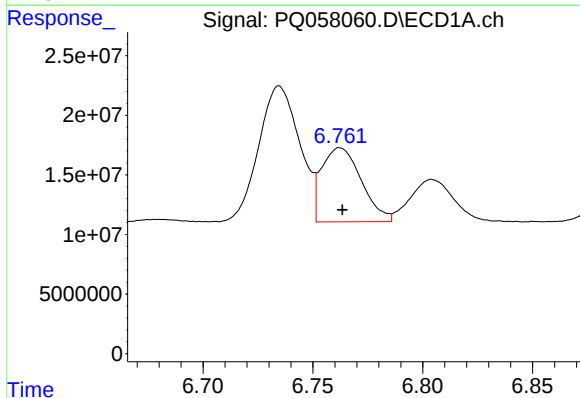
R.T.: 6.357 min
Delta R.T.: 0.000 min
Response: 52666449
Conc: 126.11 ng/ml

Instrument :
ECD_Q
ClientSampleId :



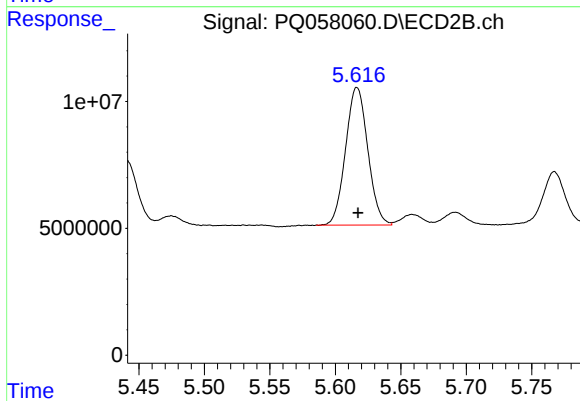
#23 AR-1248-3

R.T.: 5.441 min
Delta R.T.: -0.001 min
Response: 31324540
Conc: 71.17 ng/ml



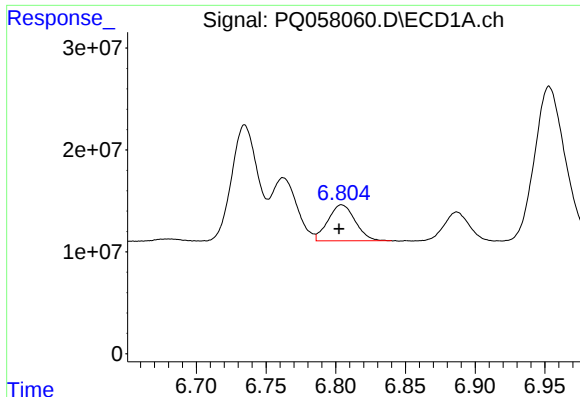
#24 AR-1248-4

R.T.: 6.762 min
Delta R.T.: -0.001 min
Response: 78201153
Conc: 170.81 ng/ml



#24 AR-1248-4

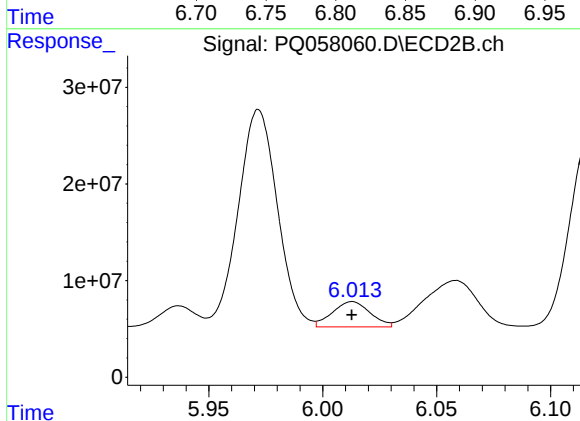
R.T.: 5.617 min
Delta R.T.: 0.000 min
Response: 64179786
Conc: 121.68 ng/ml



#25 AR-1248-5

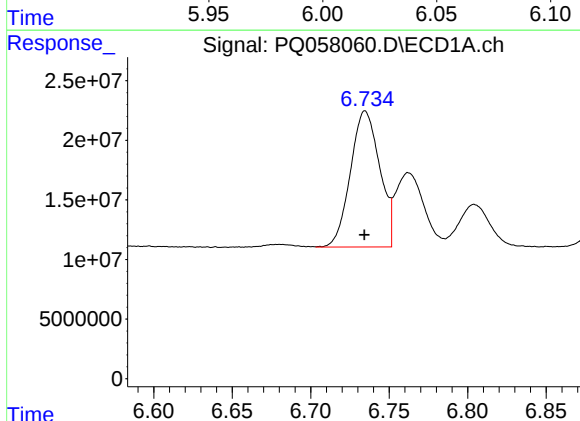
R.T.: 6.804 min
Delta R.T.: 0.002 min
Response: 47891023
Conc: 100.72 ng/ml

Instrument :
ECD_Q
ClientSampleId :



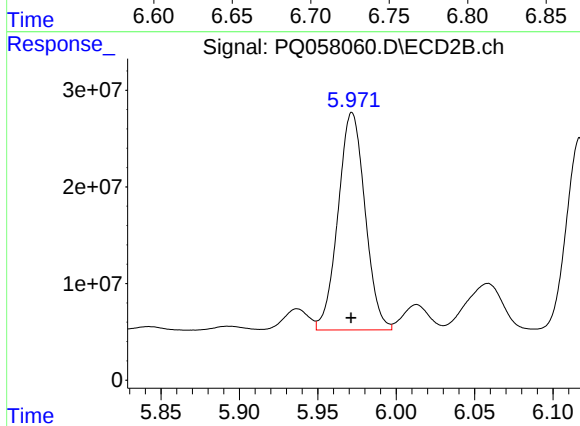
#25 AR-1248-5

R.T.: 6.013 min
Delta R.T.: 0.000 min
Response: 30184234
Conc: 57.46 ng/ml



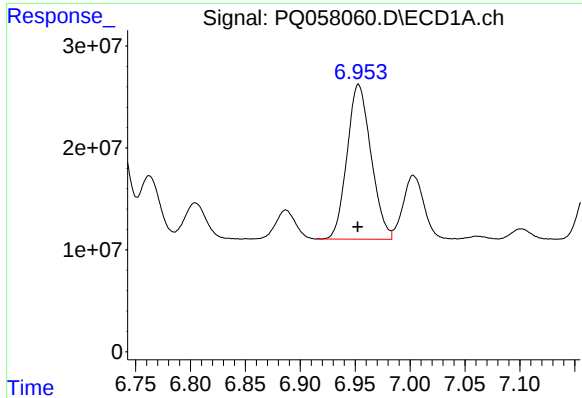
#26 AR-1254-1

R.T.: 6.735 min
Delta R.T.: 0.000 min
Response: 148054449
Conc: 344.01 ng/ml



#26 AR-1254-1

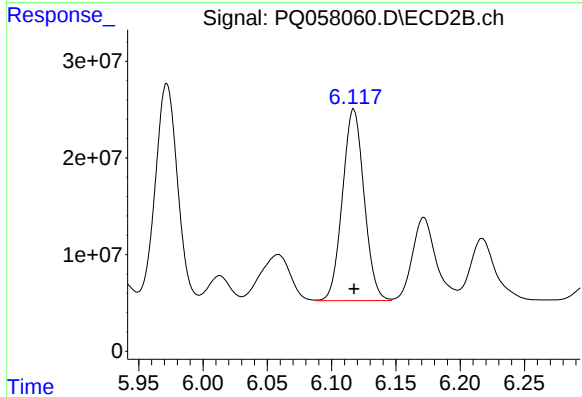
R.T.: 5.972 min
Delta R.T.: 0.000 min
Response: 269697871
Conc: 336.79 ng/ml



#27 AR-1254-2

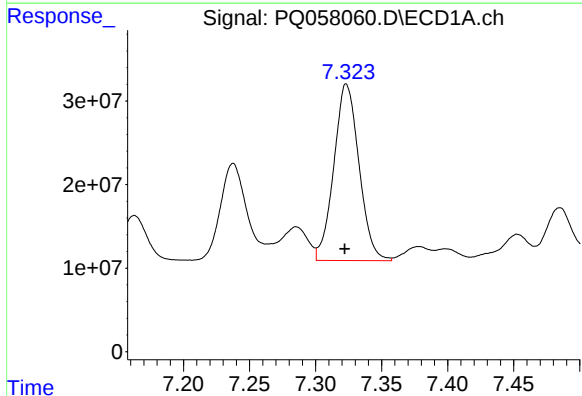
R.T.: 6.953 min
Delta R.T.: 0.000 min
Response: 230973845
Conc: 341.84 ng/ml

Instrument :
ECD_Q
ClientSampleId :



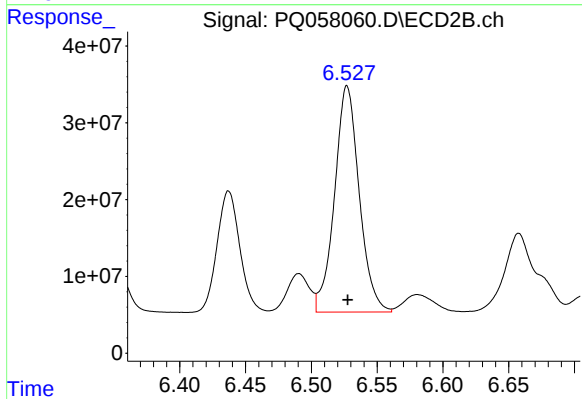
#27 AR-1254-2

R.T.: 6.117 min
Delta R.T.: 0.000 min
Response: 232166632
Conc: 334.94 ng/ml



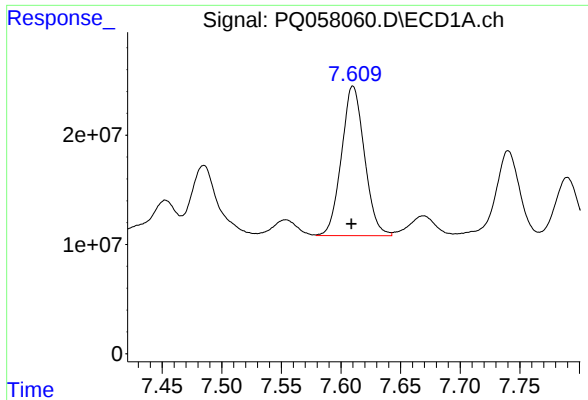
#28 AR-1254-3

R.T.: 7.323 min
Delta R.T.: 0.001 min
Response: 280504557
Conc: 340.08 ng/ml



#28 AR-1254-3

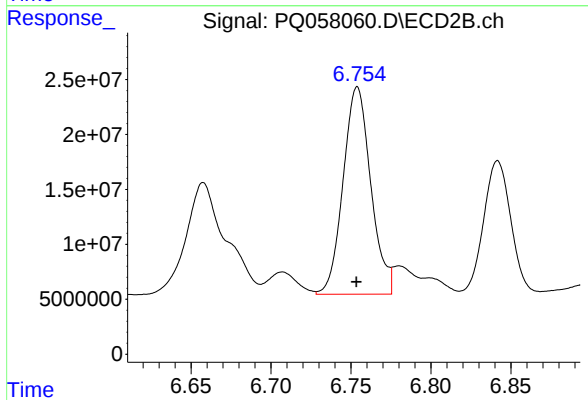
R.T.: 6.527 min
Delta R.T.: 0.000 min
Response: 384901809
Conc: 336.53 ng/ml



#29 AR-1254-4

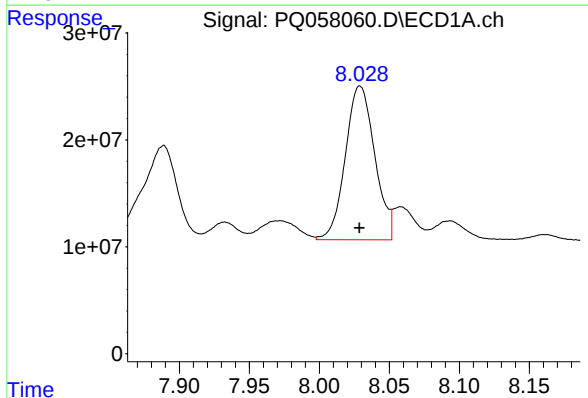
R.T.: 7.610 min
Delta R.T.: 0.001 min
Response: 183348237
Conc: 331.32 ng/ml

Instrument :
ECD_Q
ClientSampleId :



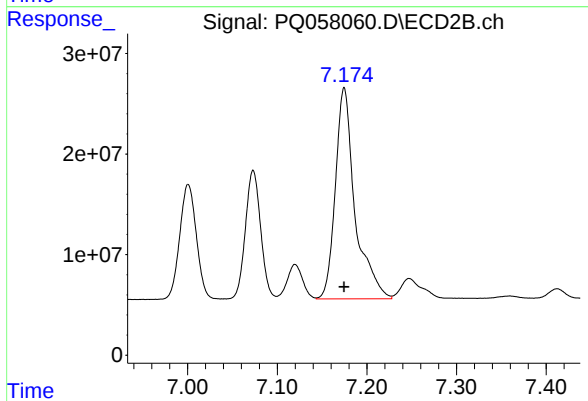
#29 AR-1254-4

R.T.: 6.754 min
Delta R.T.: 0.000 min
Response: 227280665
Conc: 330.02 ng/ml



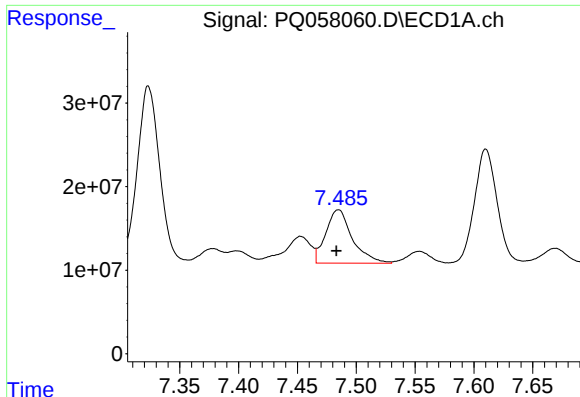
#30 AR-1254-5

R.T.: 8.029 min
Delta R.T.: 0.000 min
Response: 210218423
Conc: 334.53 ng/ml



#30 AR-1254-5

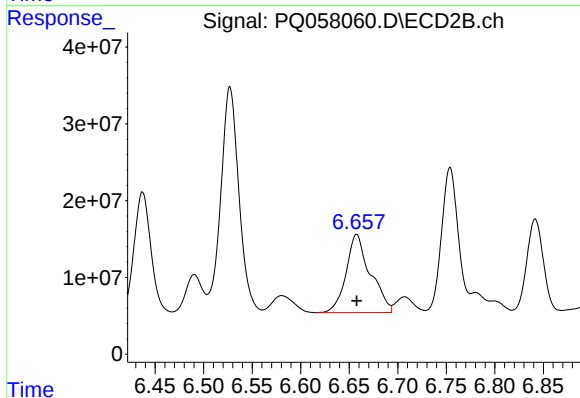
R.T.: 7.175 min
Delta R.T.: 0.000 min
Response: 319174767
Conc: 334.45 ng/ml



#31 AR-1260-1

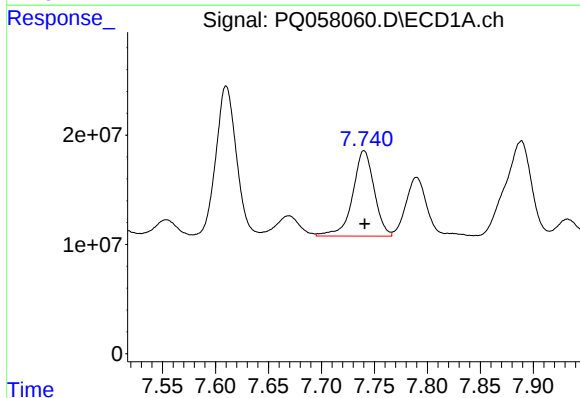
R.T.: 7.485 min
Delta R.T.: 0.002 min
Response: 100141783
Conc: 210.93 ng/ml

Instrument :
ECD_Q
ClientSampleId :



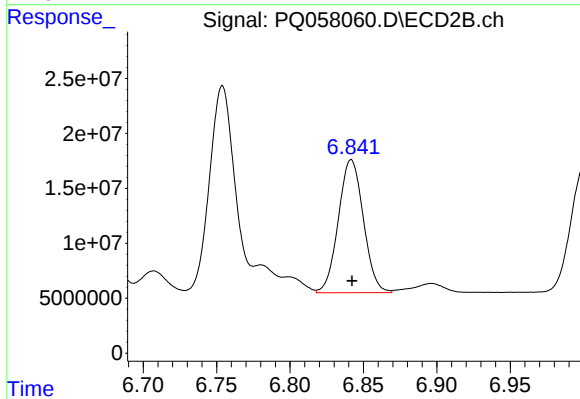
#31 AR-1260-1

R.T.: 6.658 min
Delta R.T.: 0.000 min
Response: 177153770
Conc: 264.39 ng/ml



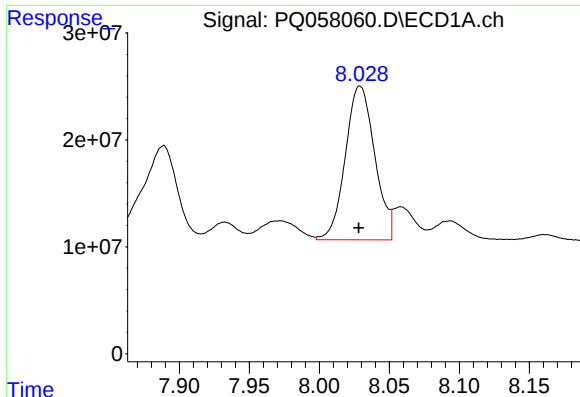
#32 AR-1260-2

R.T.: 7.740 min
Delta R.T.: 0.000 min
Response: 110431888
Conc: 191.88 ng/ml



#32 AR-1260-2

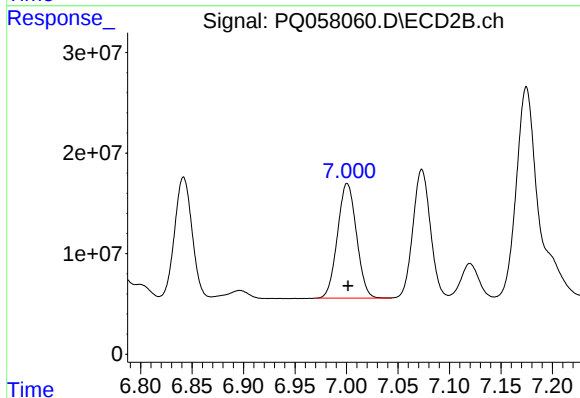
R.T.: 6.842 min
Delta R.T.: 0.000 min
Response: 143601676
Conc: 178.46 ng/ml



#33 AR-1260-3

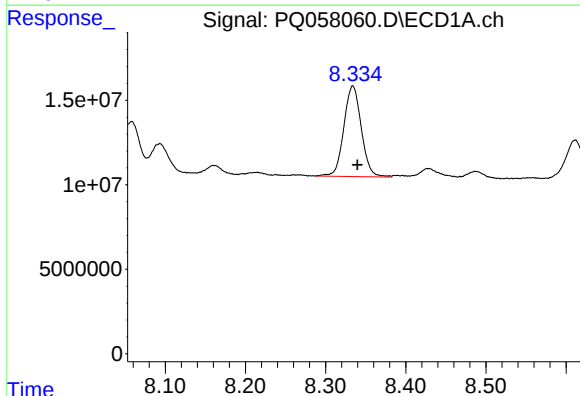
R.T.: 8.029 min
Delta R.T.: 0.000 min
Response: 210218423
Conc: 285.49 ng/ml

Instrument :
ECD_Q
ClientSampleId :



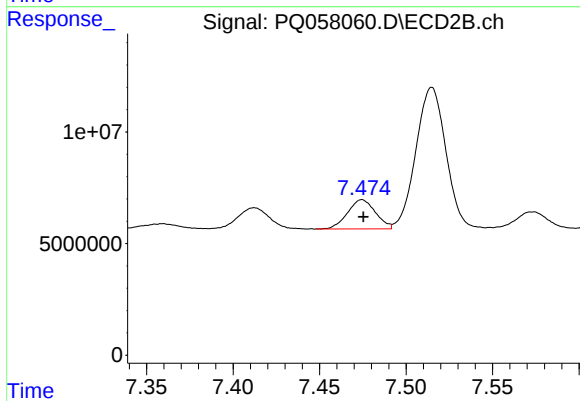
#33 AR-1260-3

R.T.: 7.001 min
Delta R.T.: 0.000 min
Response: 146510275
Conc: 193.78 ng/ml



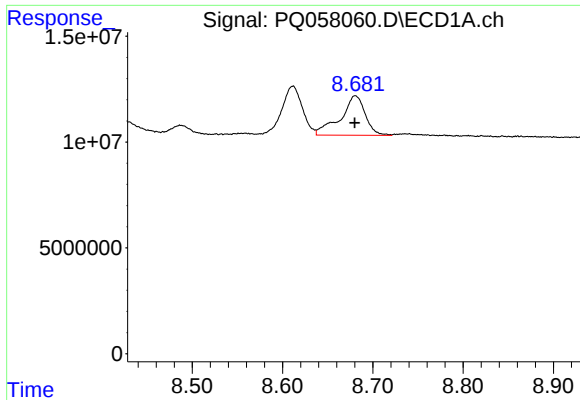
#34 AR-1260-4

R.T.: 8.334 min
Delta R.T.: -0.006 min
Response: 81077886
Conc: 148.31 ng/ml



#34 AR-1260-4

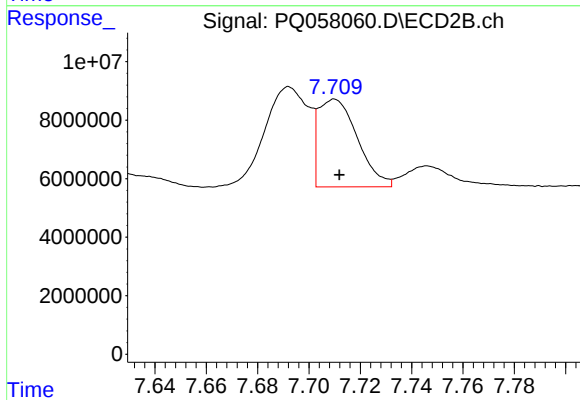
R.T.: 7.475 min
Delta R.T.: 0.000 min
Response: 14724123
Conc: 23.28 ng/ml



#35 AR-1260-5

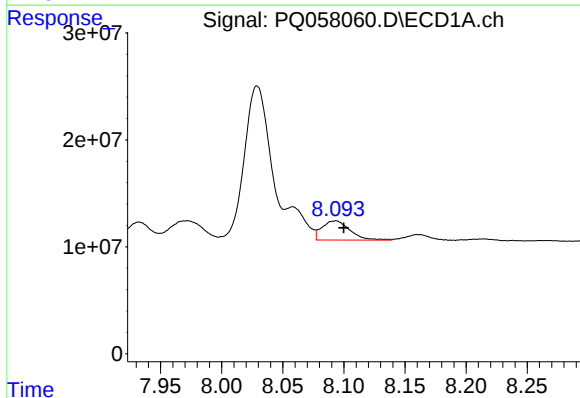
R.T.: 8.681 min
Delta R.T.: 0.000 min
Response: 35834551
Conc: 30.13 ng/ml

Instrument :
ECD_Q
ClientSampleId :



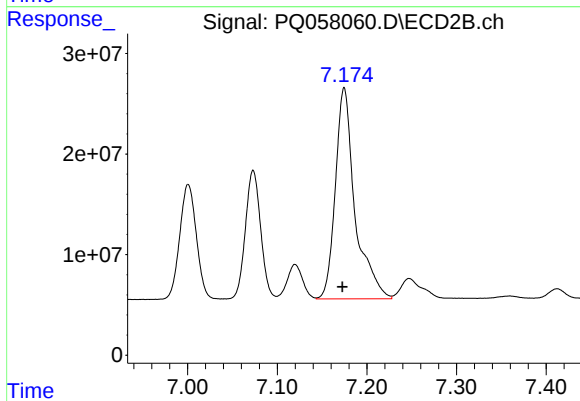
#35 AR-1260-5

R.T.: 7.710 min
Delta R.T.: -0.002 min
Response: 31783855
Conc: 21.51 ng/ml



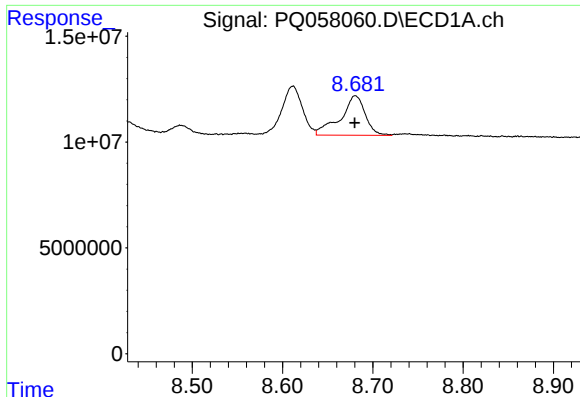
#36 AR-1262-1

R.T.: 8.093 min
Delta R.T.: -0.007 min
Response: 28800162
Conc: 40.74 ng/ml



#36 AR-1262-1

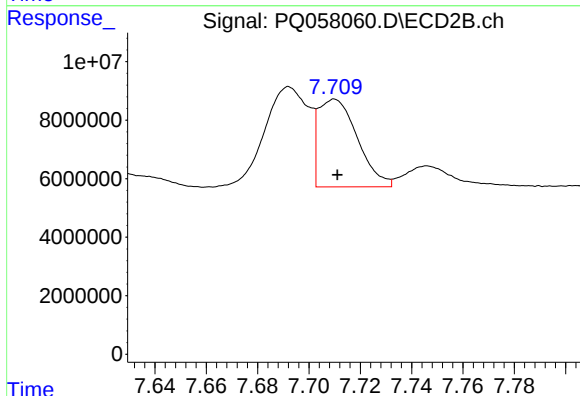
R.T.: 7.175 min
Delta R.T.: 0.002 min
Response: 319174767
Conc: 626.61 ng/ml



#37 AR-1262-2

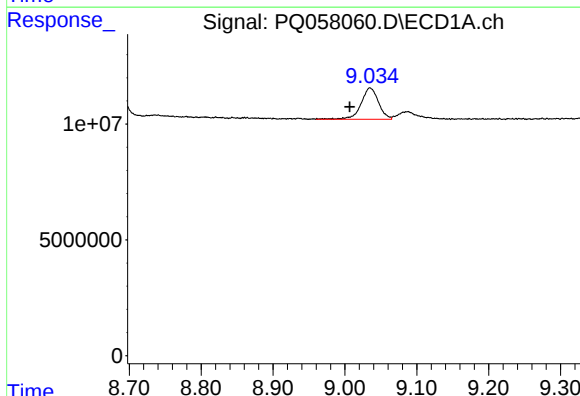
R.T.: 8.681 min
Delta R.T.: 0.000 min
Response: 35834551
Conc: 24.95 ng/ml

Instrument :
ECD_Q
ClientSampleId :



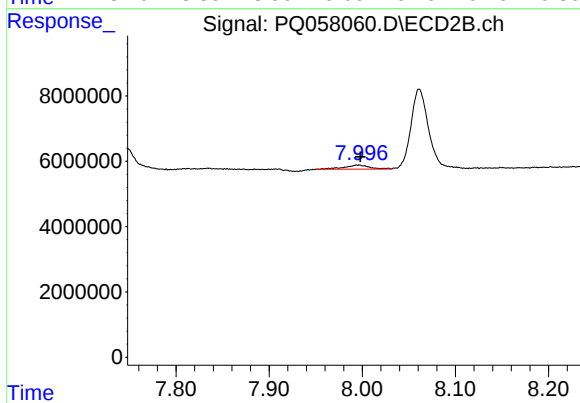
#37 AR-1262-2

R.T.: 7.710 min
Delta R.T.: -0.001 min
Response: 31783855
Conc: 18.01 ng/ml



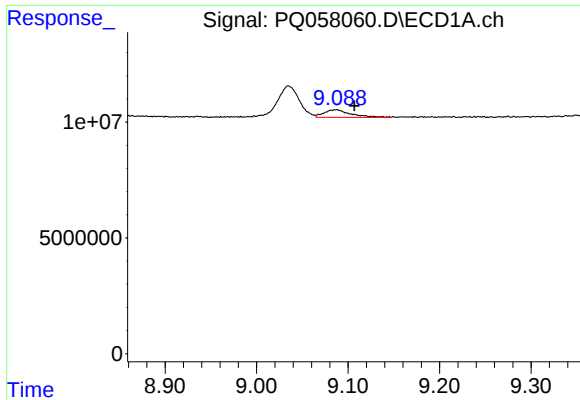
#38 AR-1262-3

R.T.: 9.035 min
Delta R.T.: 0.028 min
Response: 22846470
Conc: 31.09 ng/ml



#38 AR-1262-3

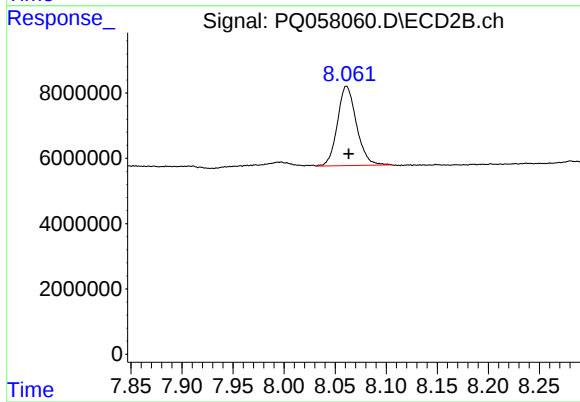
R.T.: 7.996 min
Delta R.T.: -0.001 min
Response: 2328024
Conc: 3.44 ng/ml



#39 AR-1262-4

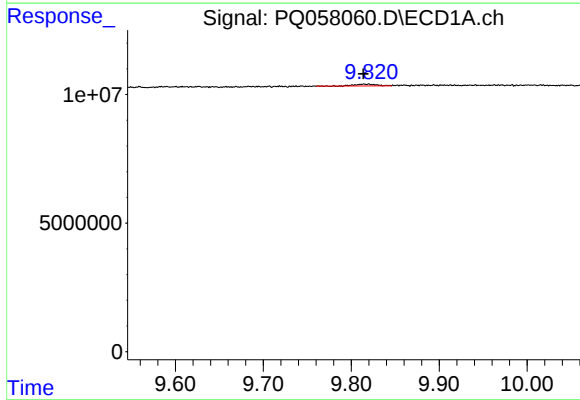
R.T.: 9.087 min
Delta R.T.: -0.020 min
Response: 6889321
Conc: 11.04 ng/ml

Instrument :
ECD_Q
ClientSampleId :



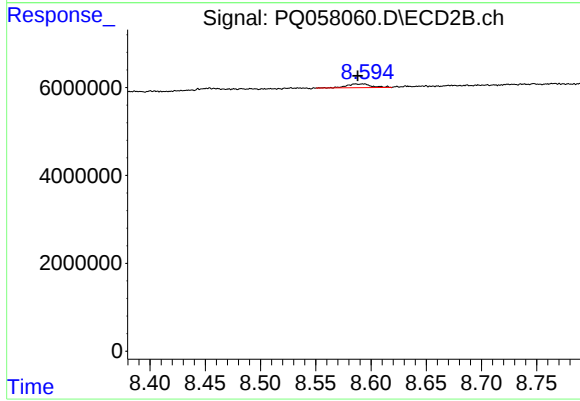
#39 AR-1262-4

R.T.: 8.061 min
Delta R.T.: -0.002 min
Response: 31477230
Conc: 25.16 ng/ml



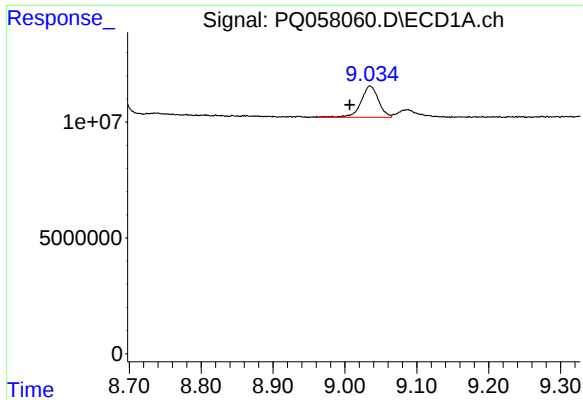
#40 AR-1262-5

R.T.: 9.820 min
Delta R.T.: 0.006 min
Response: 1140009
Conc: 1.90 ng/ml



#40 AR-1262-5

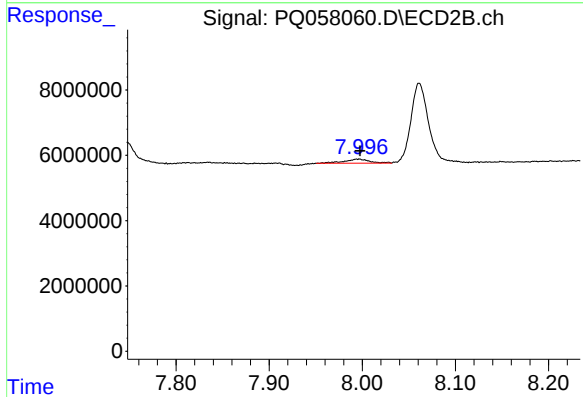
R.T.: 8.586 min
Delta R.T.: -0.002 min
Response: 1350974
Conc: 2.56 ng/ml



#41 AR-1268-1

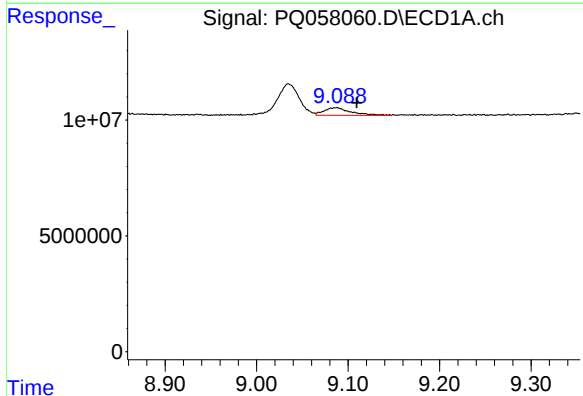
R.T.: 9.035 min
Delta R.T.: 0.028 min
Response: 22846470
Conc: 12.82 ng/ml

Instrument :
ECD_Q
ClientSampleId :



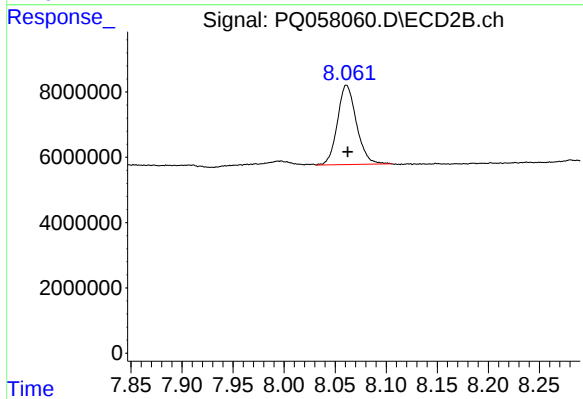
#41 AR-1268-1

R.T.: 7.996 min
Delta R.T.: -0.001 min
Response: 2328024
Conc: 1.17 ng/ml



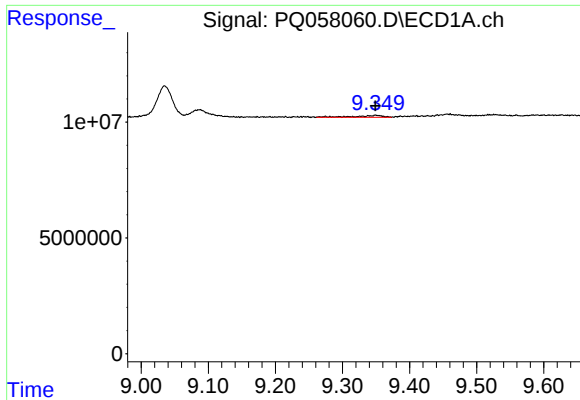
#42 AR-1268-2

R.T.: 9.087 min
Delta R.T.: -0.022 min
Response: 6889321
Conc: 3.66 ng/ml



#42 AR-1268-2

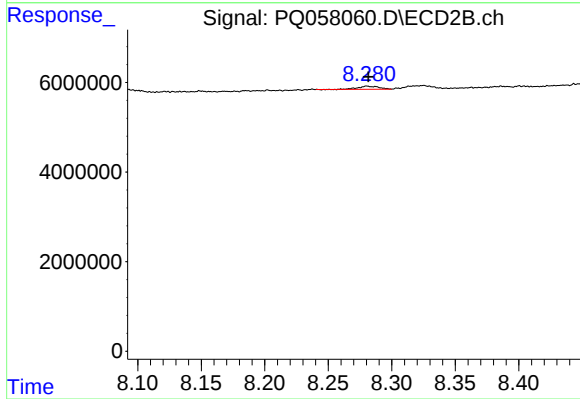
R.T.: 8.061 min
Delta R.T.: -0.001 min
Response: 31477230
Conc: 17.38 ng/ml



#43 AR-1268-3

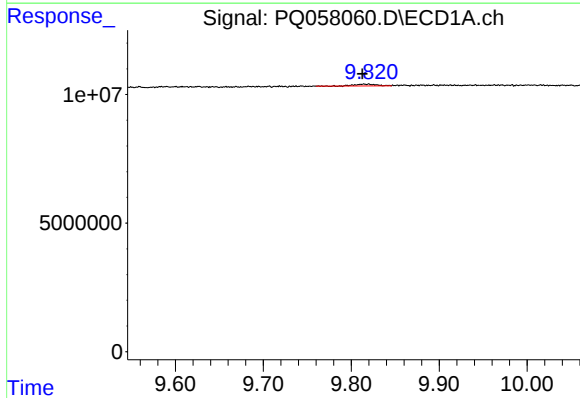
R.T.: 9.349 min
Delta R.T.: 0.000 min
Response: 2525683
Conc: 1.50 ng/ml

Instrument :
ECD_Q
ClientSampleId :



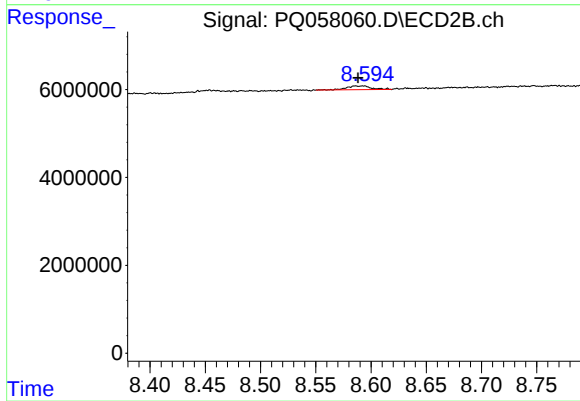
#43 AR-1268-3

R.T.: 8.281 min
Delta R.T.: -0.001 min
Response: 774465
Conc: 0.50 ng/ml



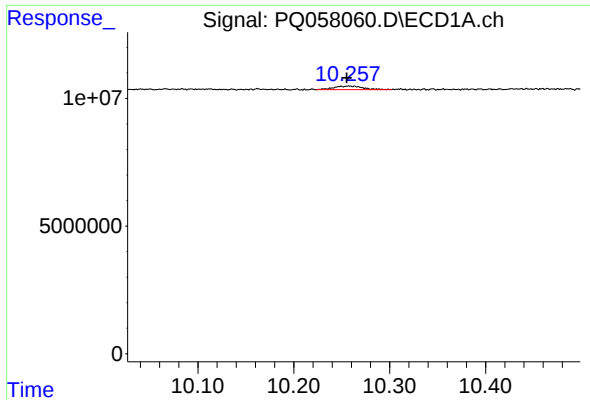
#44 AR-1268-4

R.T.: 9.820 min
Delta R.T.: 0.007 min
Response: 1140009
Conc: 1.81 ng/ml



#44 AR-1268-4

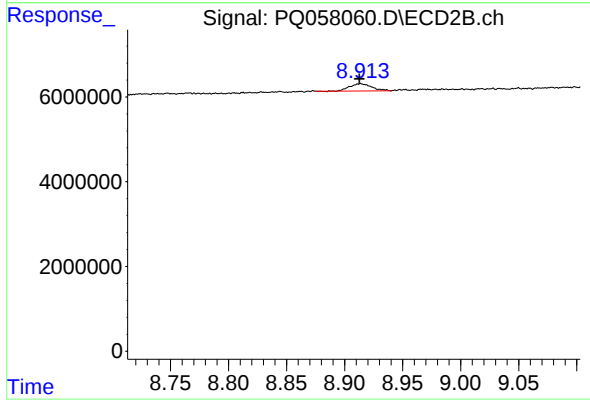
R.T.: 8.586 min
Delta R.T.: -0.002 min
Response: 1350974
Conc: 2.28 ng/ml



#45 AR-1268-5

R.T.: 10.257 min
Delta R.T.: 0.002 min
Response: 2939480
Conc: 0.53 ng/ml

Instrument :
ECD_Q
ClientSampleId :



#45 AR-1268-5

R.T.: 8.914 min
Delta R.T.: 0.001 min
Response: 2229540
Conc: 0.50 ng/ml