

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ081621\
 Data File : PQ054252.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 16 Aug 2021 11:48
 Operator : AJ\MA
 Sample : M3316-02
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 17 01:51:38 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ072921.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri Jul 30 02:37:02 2021
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ 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...	5.206	4.218	384.8E6	244.2E6	16.477	17.270
2)	SA Decachlor...	11.374	9.544	284.0E6	241.5E6	16.880	19.145
Target Compounds							
3)	L1 AR-1016-1	6.540	0.000	1858861	0	2.536	N.D. #
4)	L1 AR-1016-2	6.540	5.504	1858861	7388096	1.655	9.967 #
5)	L1 AR-1016-3	0.000	5.670	0	1692508	N.D.	4.695 #
6)	L1 AR-1016-4	0.000	5.760f	0	1175330	N.D.	4.118 #
7)	L1 AR-1016-5	7.043	5.993f	10185662	3260089	18.817	8.948 #
9)	L2 AR-1221-2	5.563	4.570	7384625	3927853	40.766	37.234
10)	L2 AR-1221-3	0.000	4.649	0	645136	N.D.	1.838 #
11)	L3 AR-1232-1	0.000	4.649	0	645136	N.D.	2.764 #
12)	L3 AR-1232-2	0.000	5.504	0	7388096	N.D.	25.509 #
13)	L3 AR-1232-3	6.540	5.670f	1858861	1692508	4.332	12.757 #
14)	L3 AR-1232-4	0.000	5.760f	0	1175330	N.D.	10.300 #
15)	L3 AR-1232-5	0.000	5.993f	0	3260089	N.D.	25.368 #
16)	L4 AR-1242-1	6.540	0.000	1858861	0	4.048	N.D. #
17)	L4 AR-1242-2	6.540	5.504	1858861	7388096	2.637	15.697 #
18)	L4 AR-1242-3	0.000	5.670f	0	1692508	N.D.	7.672 #
19)	L4 AR-1242-4	0.000	5.760f	0	1175330	N.D.	5.433 #
20)	L4 AR-1242-5	0.000	6.372f	0	11240688	N.D.	37.892 #
21)	L5 AR-1248-1	6.540	0.000	1858861	0	5.011	N.D. #
22)	L5 AR-1248-2	0.000	5.760f	0	1175330	N.D.	3.581 #
23)	L5 AR-1248-3	7.043	5.760f	10185662	1175330	17.163	3.554 #
24)	L5 AR-1248-4	7.475	5.993f	4218621	3260089	6.351	8.214 #
25)	L5 AR-1248-5	0.000	6.372f	0	11240688	N.D.	28.203 #
26)	L6 AR-1254-1	0.000	6.372f	0	11240688	N.D.	16.809 #
27)	L6 AR-1254-2	0.000	6.514	0	2321632	N.D.	3.776 #
28)	L6 AR-1254-3	8.079f	0.000	1630136	0	1.386	N.D. #
29)	L6 AR-1254-4	0.000	7.152	0	15592455	N.D.	23.396 #
30)	L6 AR-1254-5	8.761	7.591	4711244	10456409	4.828	10.721 #
31)	L7 AR-1260-1	0.000	7.060	0	41753087	N.D.	55.703 #
32)	L7 AR-1260-2	8.479	7.250	5725427	15157440	5.043	14.511 #
33)	L7 AR-1260-3	0.000	7.400	0	1178464	N.D.	1.354 #
34)	L7 AR-1260-4	0.000	7.884	0	590305	N.D.	0.948 #
35)	L7 AR-1260-5	0.000	8.136	0	18001445	N.D.	10.506 #
36)	L8 AR-1262-1	0.000	7.591	0	10456409	N.D.	23.137 #
37)	L8 AR-1262-2	0.000	8.136	0	18001445	N.D.	9.559 #
38)	L8 AR-1262-3	0.000	8.458f	0	10444862	N.D.	13.606 #
40)	L8 AR-1262-5	0.000	8.998	0	204422	N.D.	0.354 #
41)	L9 AR-1268-1	0.000	8.458f	0	10444862	N.D.	4.631 #
43)	L9 AR-1268-3	0.000	8.699	0	3873654	N.D.	2.317 #
44)	L9 AR-1268-4	0.000	8.998	0	204422	N.D.	0.313 #

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Integration File signal 2: autoint2.e
Quant Time: Aug 17 01:51:38 2021
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ072921.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Jul 30 02:37:02 2021
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

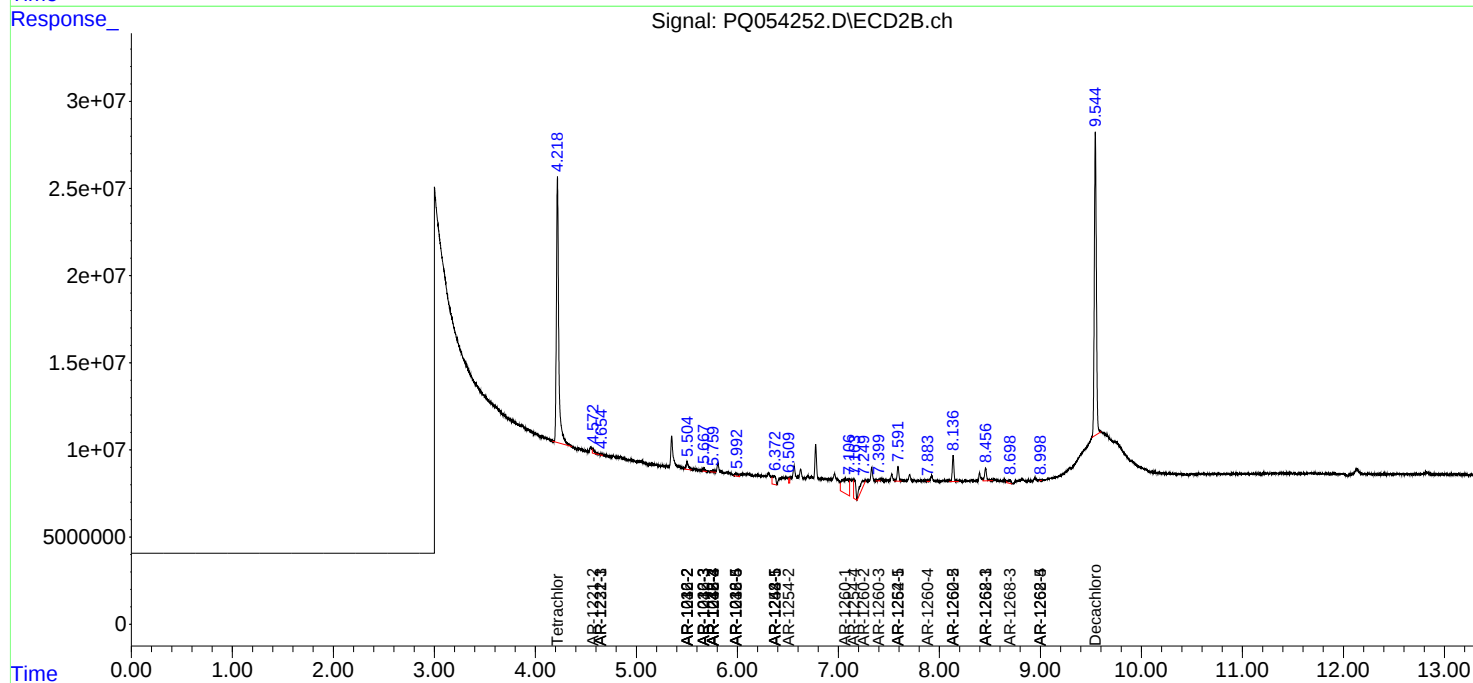
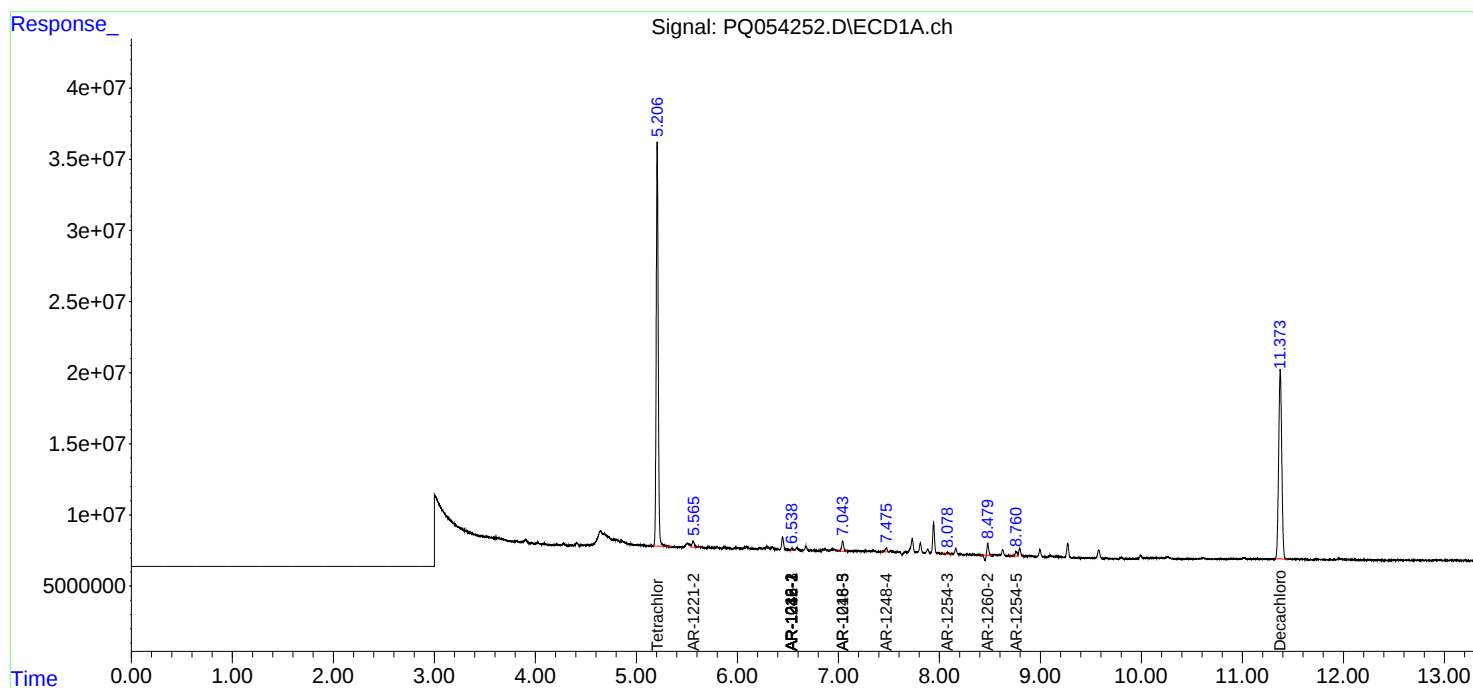
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

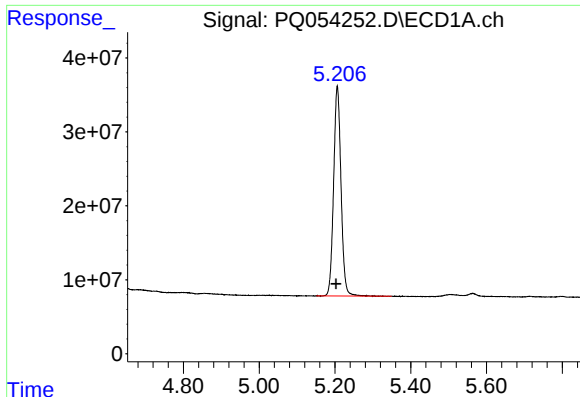
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ081621\
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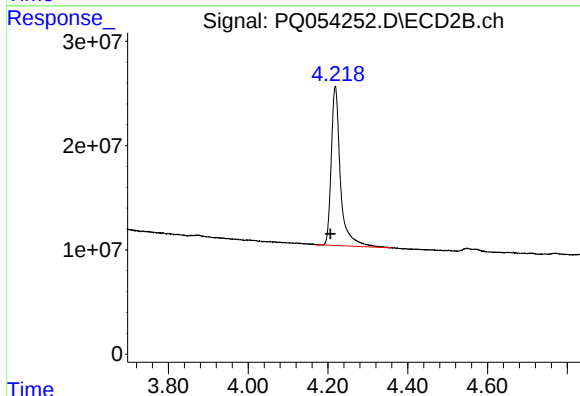




#1 Tetrachloro-m-xylene

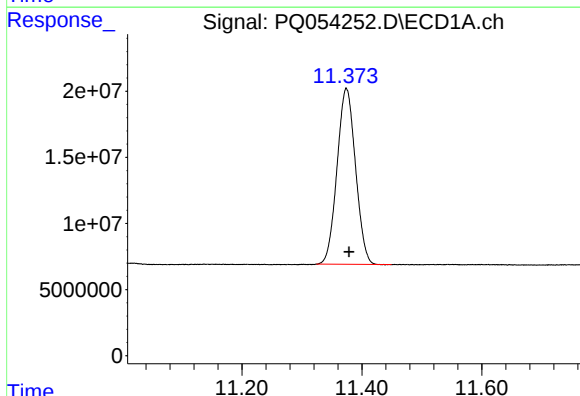
R.T.: 5.206 min
Delta R.T.: 0.003 min
Response: 384778714
Conc: 16.48 ng/ml

Instrument :
ECD_Q
ClientSampleId :



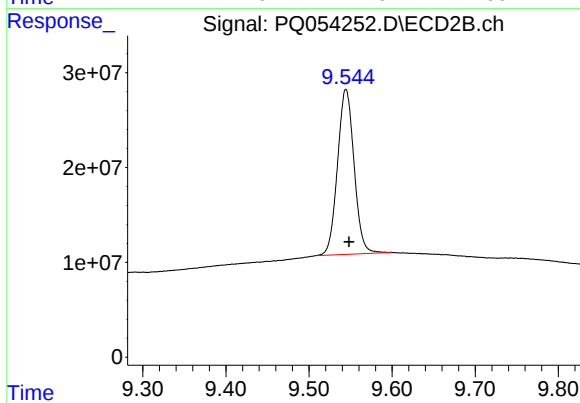
#1 Tetrachloro-m-xylene

R.T.: 4.218 min
Delta R.T.: 0.012 min
Response: 244151192
Conc: 17.27 ng/ml



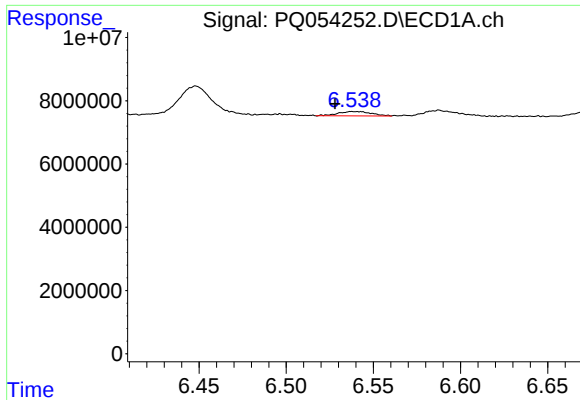
#2 Decachlorobiphenyl

R.T.: 11.374 min
Delta R.T.: -0.005 min
Response: 284026124
Conc: 16.88 ng/ml



#2 Decachlorobiphenyl

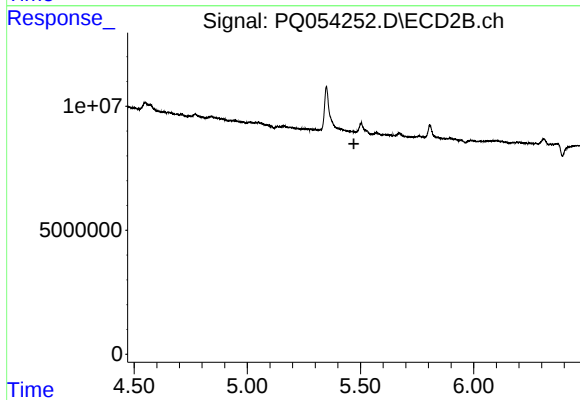
R.T.: 9.544 min
Delta R.T.: -0.004 min
Response: 241500030
Conc: 19.15 ng/ml



#3 AR-1016-1

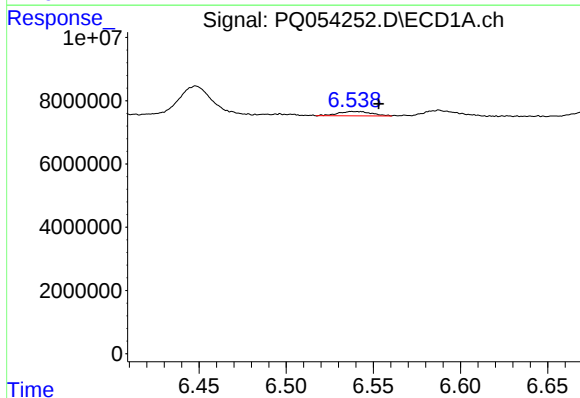
R.T.: 6.540 min
Delta R.T.: 0.012 min
Response: 1858861
Conc: 2.54 ng/ml

Instrument :
ECD_Q
ClientSampleId :



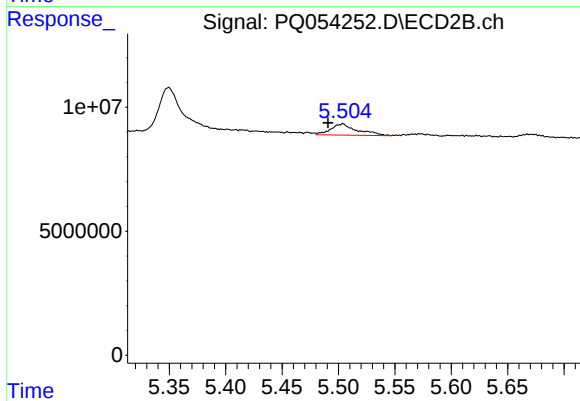
#3 AR-1016-1

R.T.: 0.000 min
Exp R.T. : 5.471 min
Response: 0
Conc: N.D.



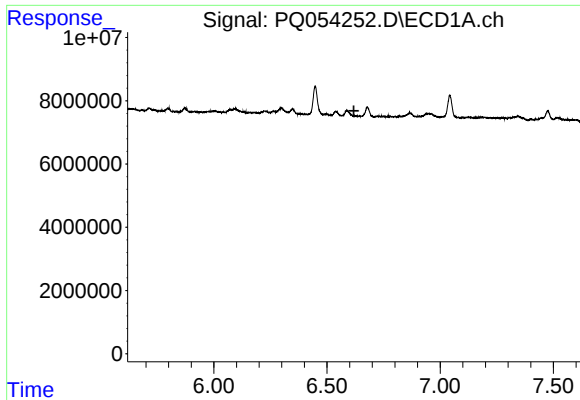
#4 AR-1016-2

R.T.: 6.540 min
Delta R.T.: -0.013 min
Response: 1858861
Conc: 1.65 ng/ml



#4 AR-1016-2

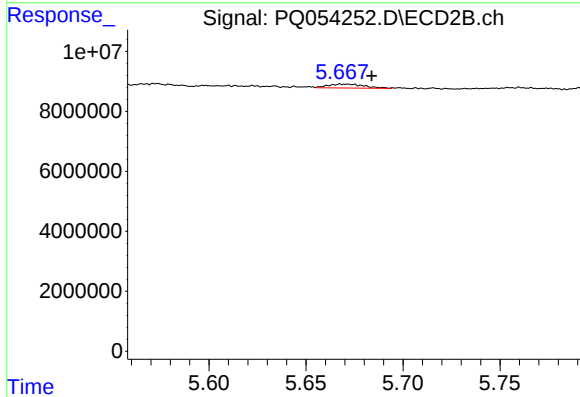
R.T.: 5.504 min
Delta R.T.: 0.013 min
Response: 7388096
Conc: 9.97 ng/ml



#5 AR-1016-3

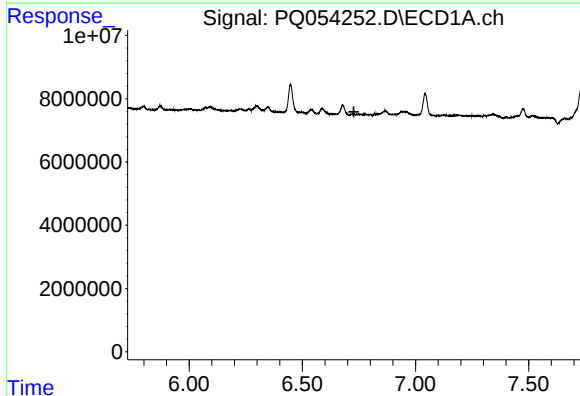
R.T.: 0.000 min
Exp R.T.: 6.619 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



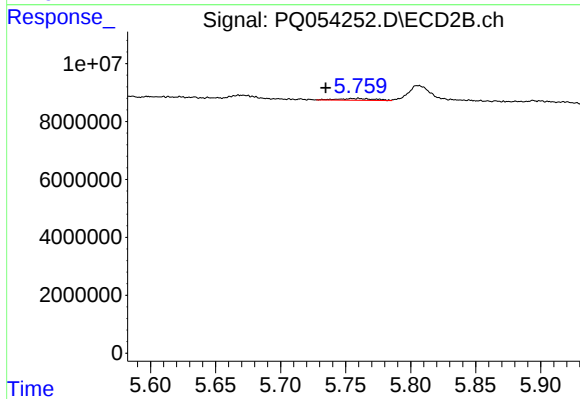
#5 AR-1016-3

R.T.: 5.670 min
Delta R.T.: -0.014 min
Response: 1692508
Conc: 4.69 ng/ml



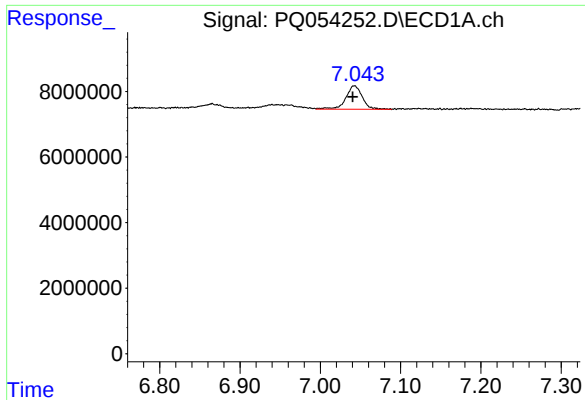
#6 AR-1016-4

R.T.: 0.000 min
Exp R.T.: 6.728 min
Response: 0
Conc: N.D.



#6 AR-1016-4

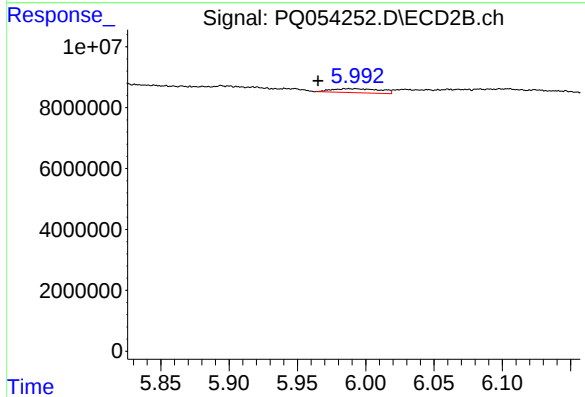
R.T.: 5.760 min
Delta R.T.: 0.026 min
Response: 1175330
Conc: 4.12 ng/ml



#7 AR-1016-5

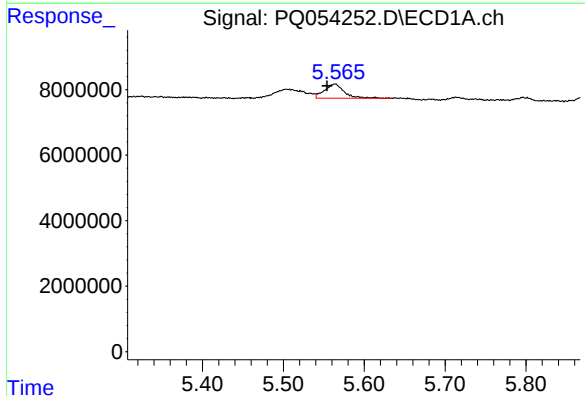
R.T.: 7.043 min
Delta R.T.: 0.002 min
Response: 10185662
Conc: 18.82 ng/ml

Instrument :
ECD_Q
ClientSampleId :



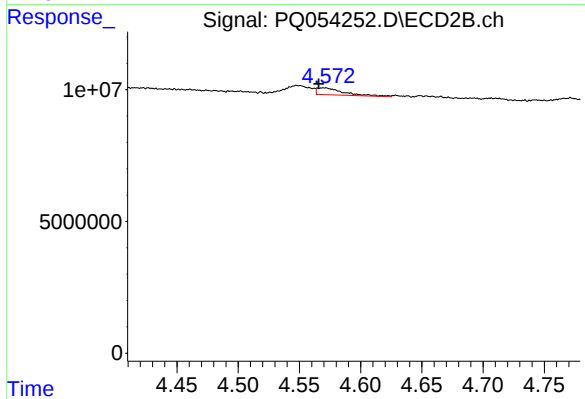
#7 AR-1016-5

R.T.: 5.993 min
Delta R.T.: 0.027 min
Response: 3260089
Conc: 8.95 ng/ml



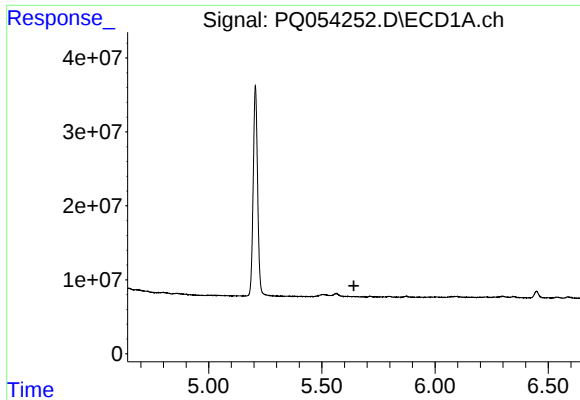
#9 AR-1221-2

R.T.: 5.563 min
Delta R.T.: 0.009 min
Response: 7384625
Conc: 40.77 ng/ml



#9 AR-1221-2

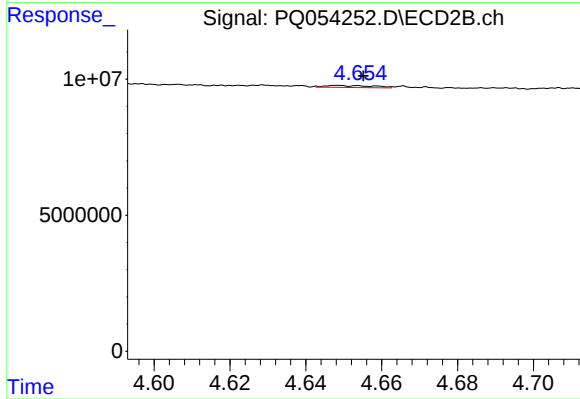
R.T.: 4.570 min
Delta R.T.: 0.005 min
Response: 3927853
Conc: 37.23 ng/ml



#10 AR-1221-3

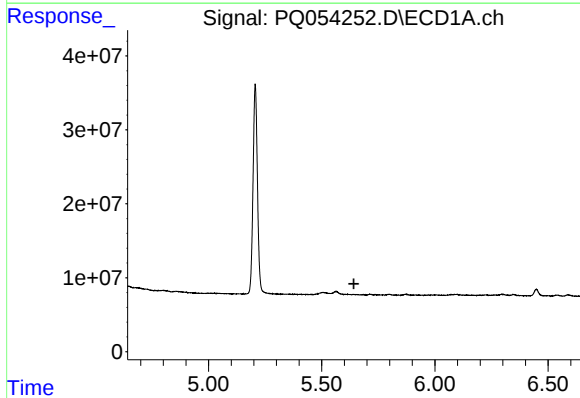
R.T.: 0.000 min
Exp R.T. : 5.641 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



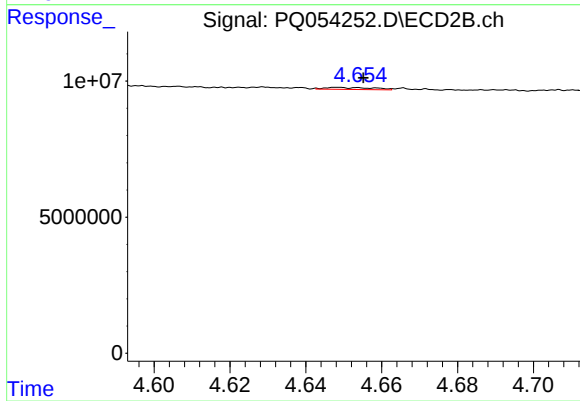
#10 AR-1221-3

R.T.: 4.649 min
Delta R.T.: -0.007 min
Response: 645136
Conc: 1.84 ng/ml



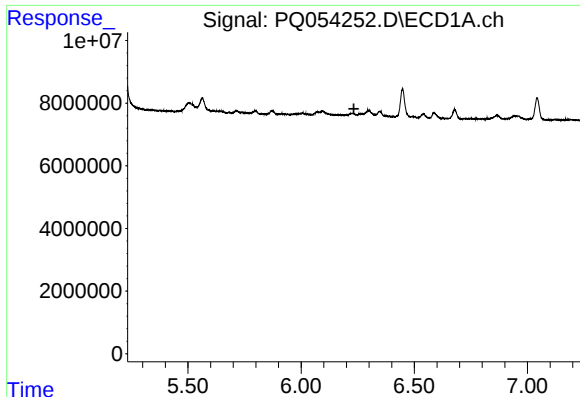
#11 AR-1232-1

R.T.: 0.000 min
Exp R.T. : 5.642 min
Response: 0
Conc: N.D.



#11 AR-1232-1

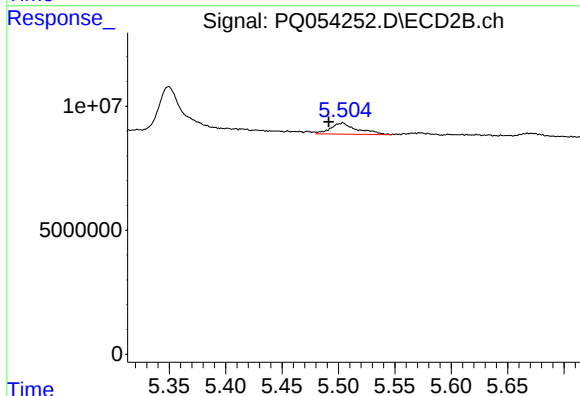
R.T.: 4.649 min
Delta R.T.: -0.007 min
Response: 645136
Conc: 2.76 ng/ml



#12 AR-1232-2

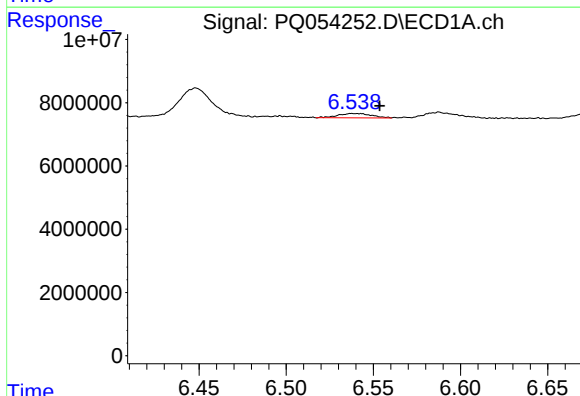
R.T.: 0.000 min
Exp R.T.: 6.233 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



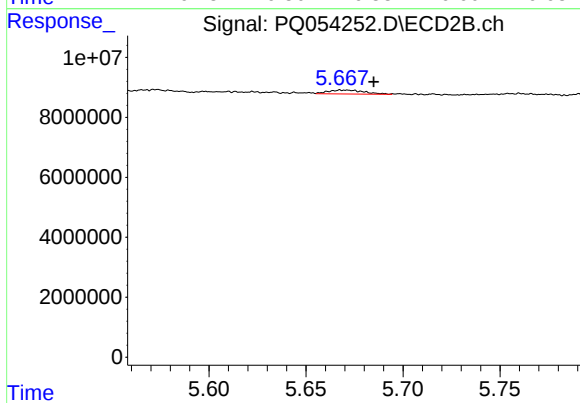
#12 AR-1232-2

R.T.: 5.504 min
Delta R.T.: 0.012 min
Response: 7388096
Conc: 25.51 ng/ml



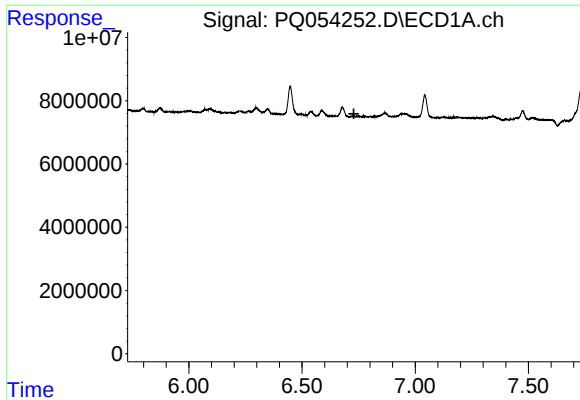
#13 AR-1232-3

R.T.: 6.540 min
Delta R.T.: -0.014 min
Response: 1858861
Conc: 4.33 ng/ml



#13 AR-1232-3

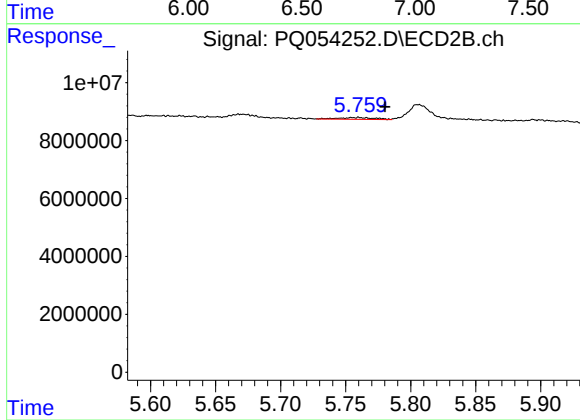
R.T.: 5.670 min
Delta R.T.: -0.015 min
Response: 1692508
Conc: 12.76 ng/ml



#14 AR-1232-4

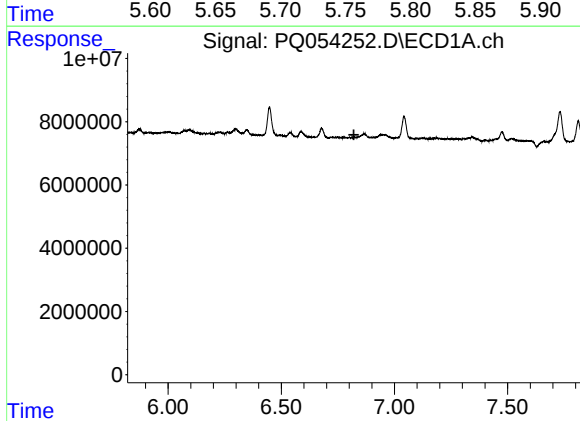
R.T.: 0.000 min
Exp R.T.: 6.729 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



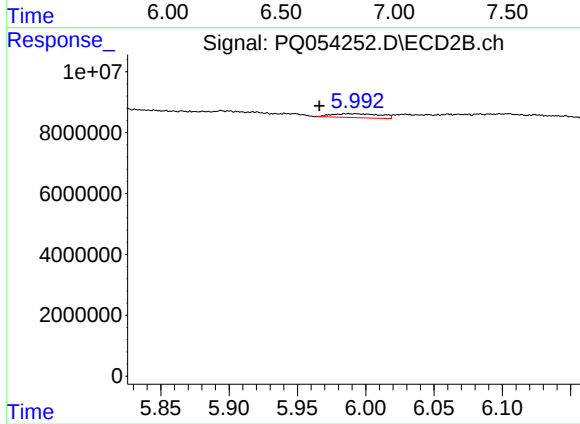
#14 AR-1232-4

R.T.: 5.760 min
Delta R.T.: -0.020 min
Response: 1175330
Conc: 10.30 ng/ml



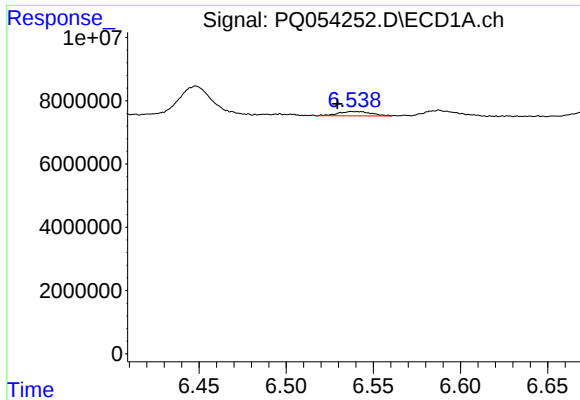
#15 AR-1232-5

R.T.: 0.000 min
Exp R.T.: 6.821 min
Response: 0
Conc: N.D.



#15 AR-1232-5

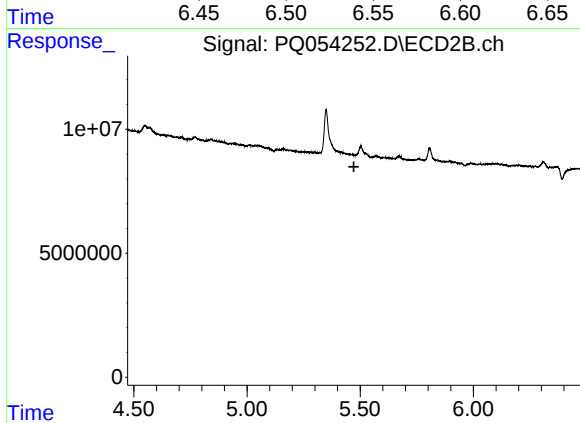
R.T.: 5.993 min
Delta R.T.: 0.027 min
Response: 3260089
Conc: 25.37 ng/ml



#16 AR-1242-1

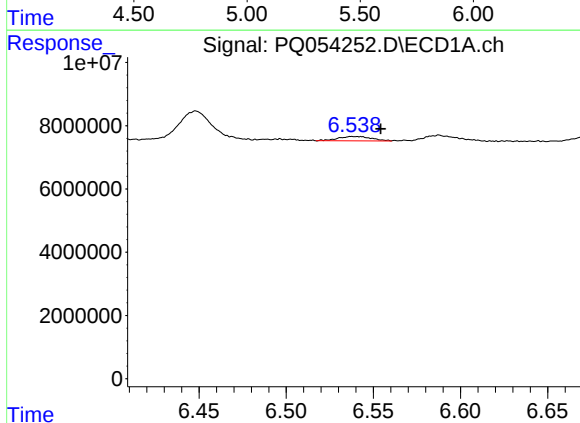
R.T.: 6.540 min
Delta R.T.: 0.010 min
Response: 1858861
Conc: 4.05 ng/ml

Instrument :
ECD_Q
ClientSampleId :



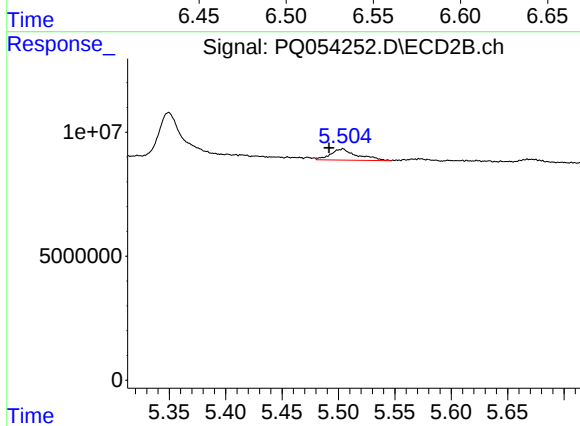
#16 AR-1242-1

R.T.: 0.000 min
Exp R.T. : 5.472 min
Response: 0
Conc: N.D.



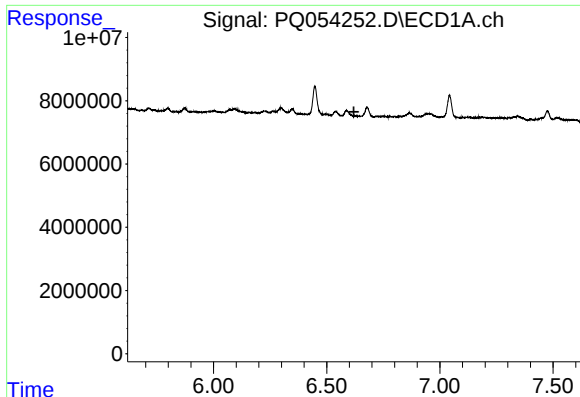
#17 AR-1242-2

R.T.: 6.540 min
Delta R.T.: -0.014 min
Response: 1858861
Conc: 2.64 ng/ml



#17 AR-1242-2

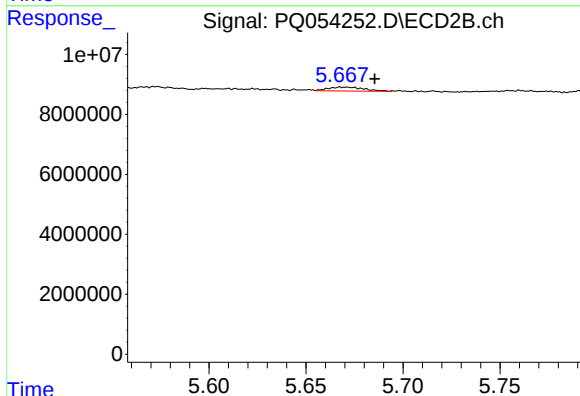
R.T.: 5.504 min
Delta R.T.: 0.012 min
Response: 7388096
Conc: 15.70 ng/ml



#18 AR-1242-3

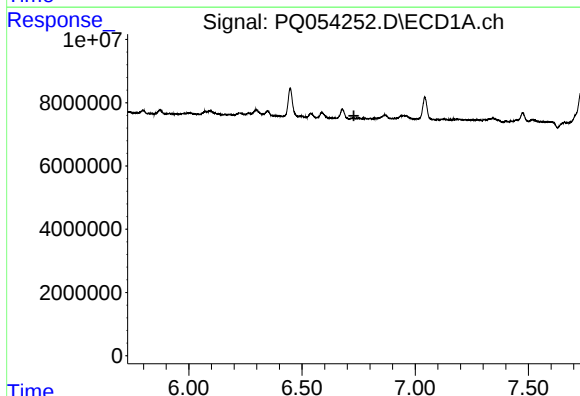
R.T.: 0.000 min
Exp R.T.: 6.620 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



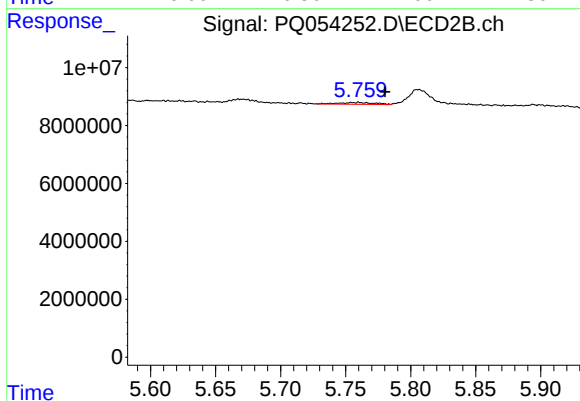
#18 AR-1242-3

R.T.: 5.670 min
Delta R.T.: -0.016 min
Response: 1692508
Conc: 7.67 ng/ml



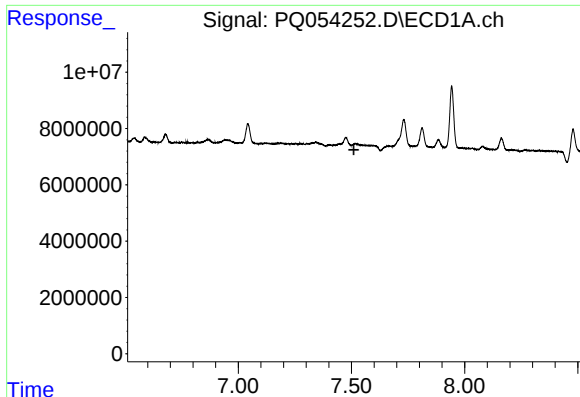
#19 AR-1242-4

R.T.: 0.000 min
Exp R.T.: 6.729 min
Response: 0
Conc: N.D.



#19 AR-1242-4

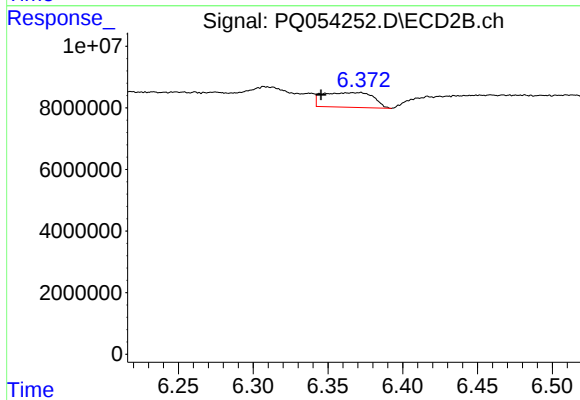
R.T.: 5.760 min
Delta R.T.: -0.020 min
Response: 1175330
Conc: 5.43 ng/ml



#20 AR-1242-5

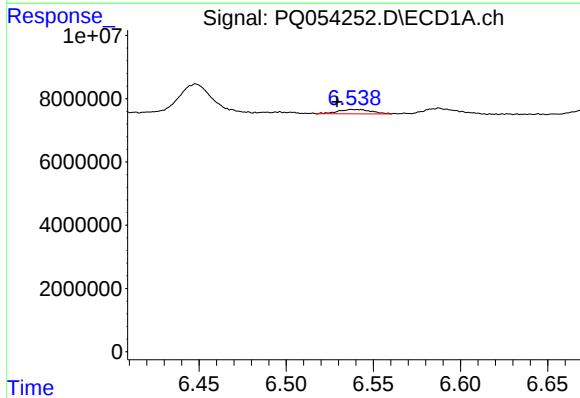
R.T.: 0.000 min
Exp R.T.: 7.511 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



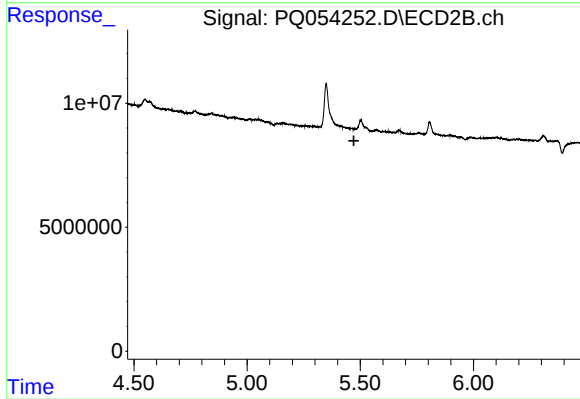
#20 AR-1242-5

R.T.: 6.372 min
Delta R.T.: 0.026 min
Response: 11240688
Conc: 37.89 ng/ml



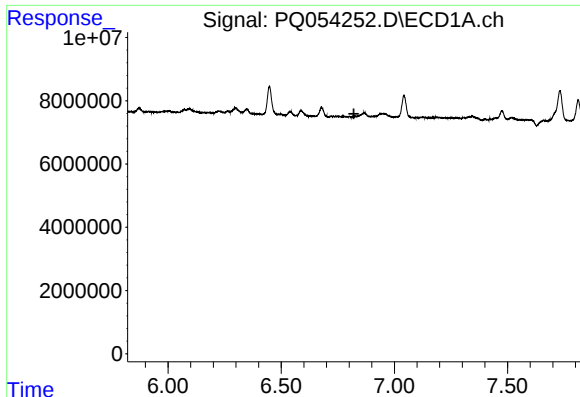
#21 AR-1248-1

R.T.: 6.540 min
Delta R.T.: 0.011 min
Response: 1858861
Conc: 5.01 ng/ml



#21 AR-1248-1

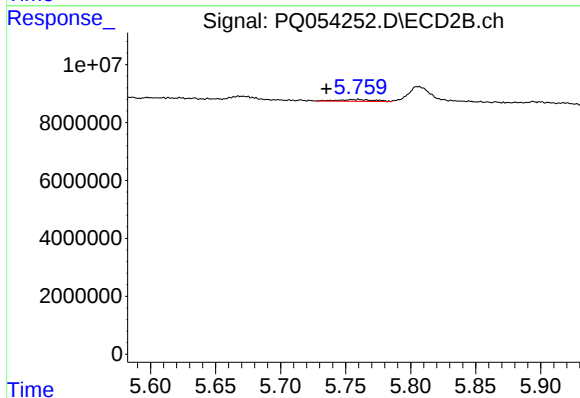
R.T.: 0.000 min
Exp R.T.: 5.472 min
Response: 0
Conc: N.D.



#22 AR-1248-2

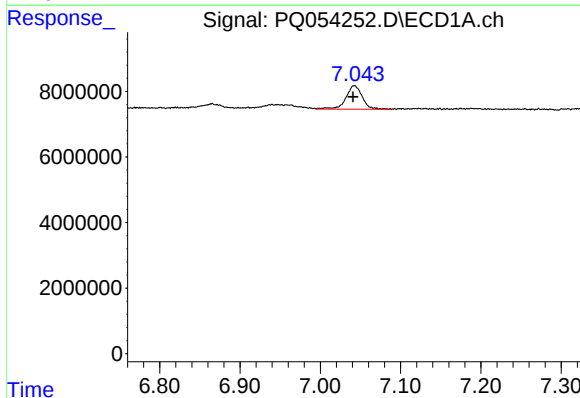
R.T.: 0.000 min
Exp R.T.: 6.821 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



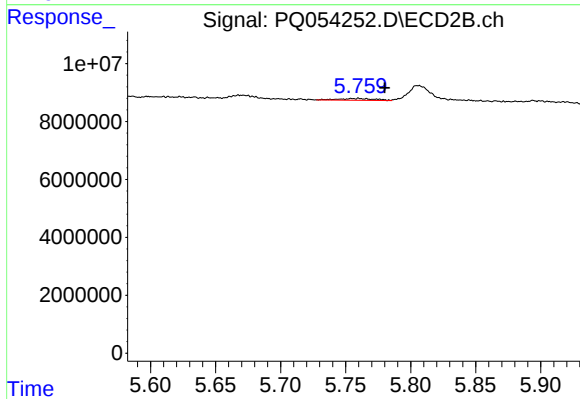
#22 AR-1248-2

R.T.: 5.760 min
Delta R.T.: 0.025 min
Response: 1175330
Conc: 3.58 ng/ml



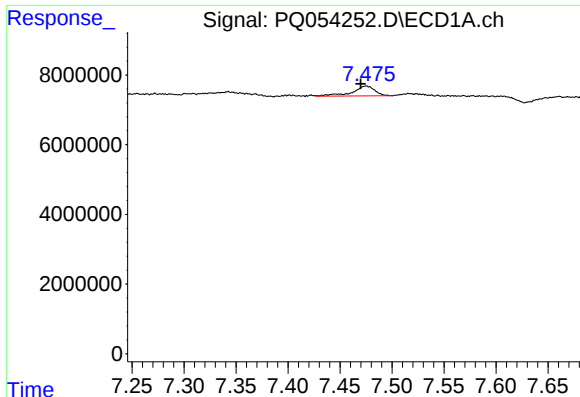
#23 AR-1248-3

R.T.: 7.043 min
Delta R.T.: 0.002 min
Response: 10185662
Conc: 17.16 ng/ml



#23 AR-1248-3

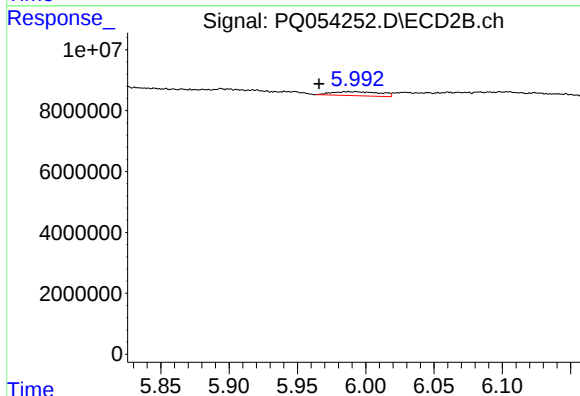
R.T.: 5.760 min
Delta R.T.: -0.020 min
Response: 1175330
Conc: 3.55 ng/ml



#24 AR-1248-4

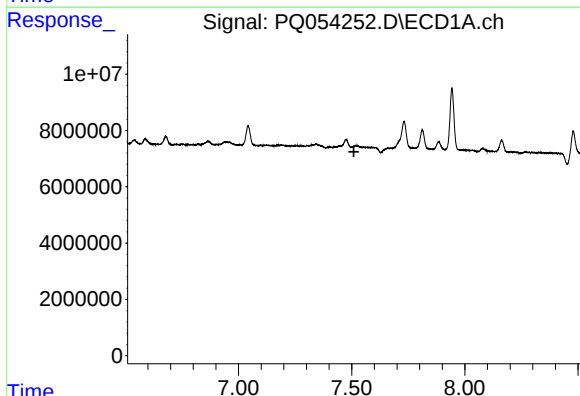
R.T.: 7.475 min
Delta R.T.: 0.005 min
Response: 4218621
Conc: 6.35 ng/ml

Instrument :
ECD_Q
ClientSampleId :



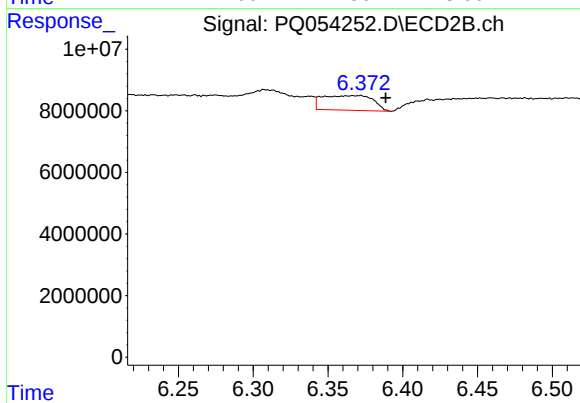
#24 AR-1248-4

R.T.: 5.993 min
Delta R.T.: 0.027 min
Response: 3260089
Conc: 8.21 ng/ml



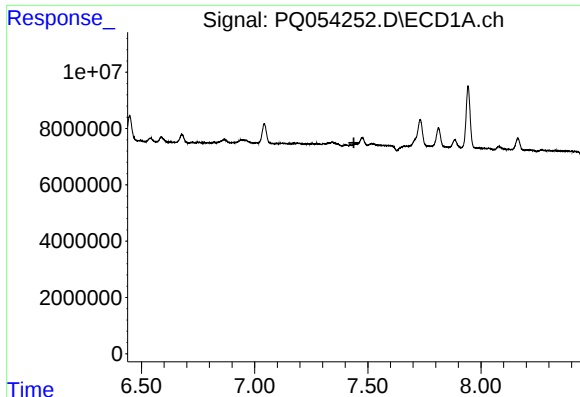
#25 AR-1248-5

R.T.: 0.000 min
Exp R.T. : 7.510 min
Response: 0
Conc: N.D.



#25 AR-1248-5

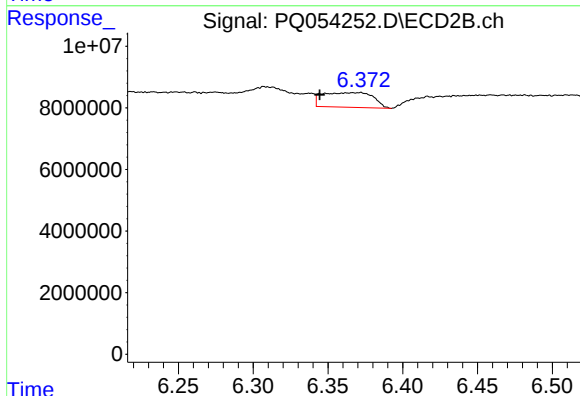
R.T.: 6.372 min
Delta R.T.: -0.017 min
Response: 11240688
Conc: 28.20 ng/ml



#26 AR-1254-1

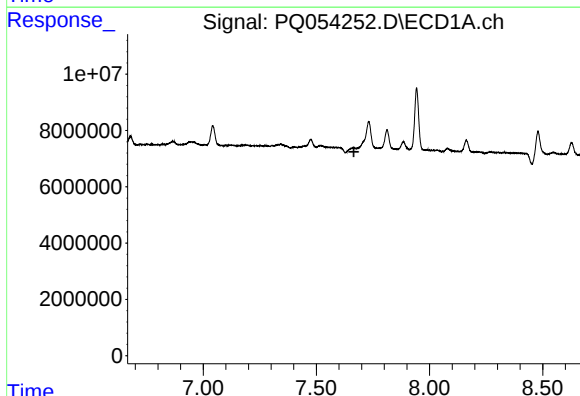
R.T.: 0.000 min
Exp R.T. : 7.439 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



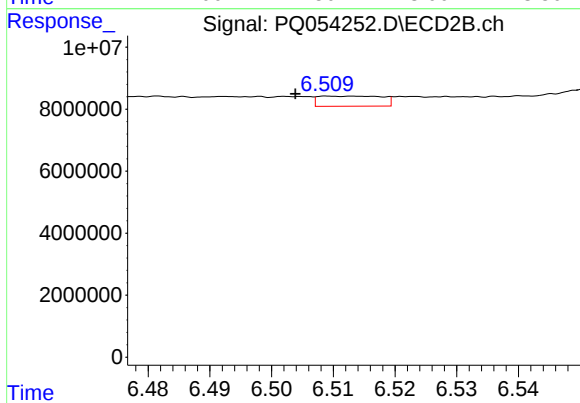
#26 AR-1254-1

R.T.: 6.372 min
Delta R.T.: 0.027 min
Response: 11240688
Conc: 16.81 ng/ml



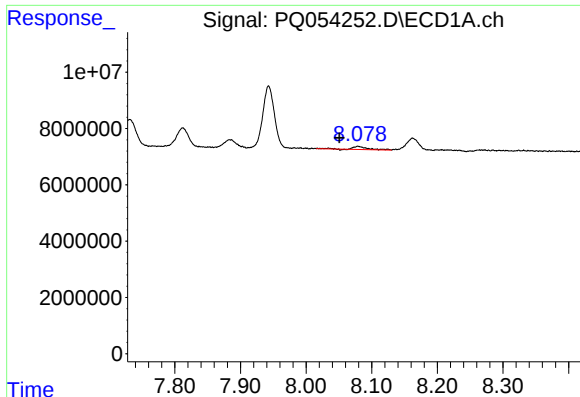
#27 AR-1254-2

R.T.: 0.000 min
Exp R.T. : 7.666 min
Response: 0
Conc: N.D.



#27 AR-1254-2

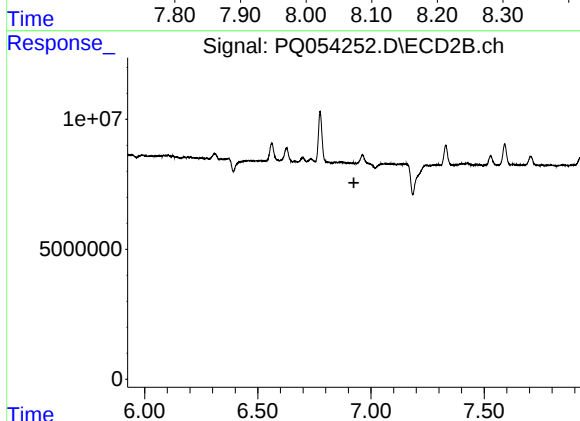
R.T.: 6.514 min
Delta R.T.: 0.010 min
Response: 2321632
Conc: 3.78 ng/ml



#28 AR-1254-3

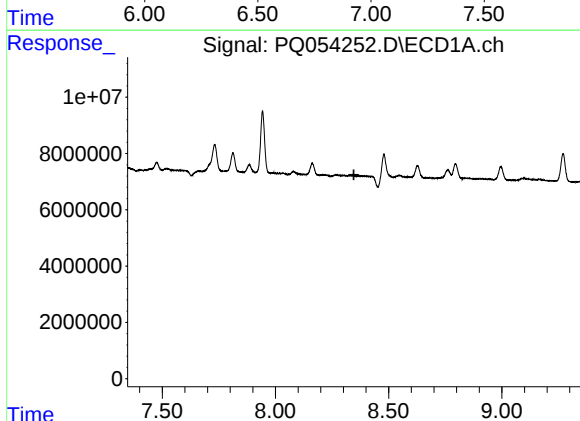
R.T.: 8.079 min
Delta R.T.: 0.028 min
Response: 1630136
Conc: 1.39 ng/ml

Instrument :
ECD_Q
ClientSampleId :



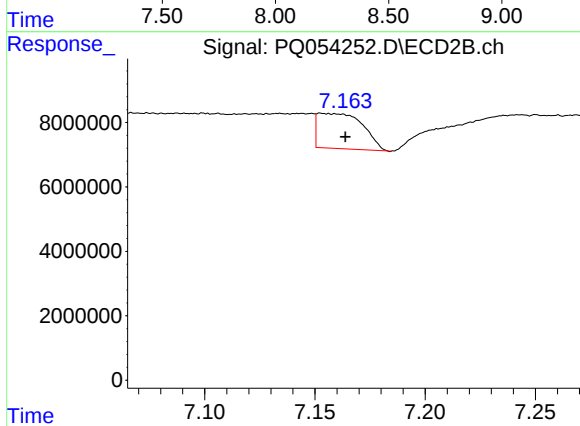
#28 AR-1254-3

R.T.: 0.000 min
Exp R.T. : 6.925 min
Response: 0
Conc: N.D.



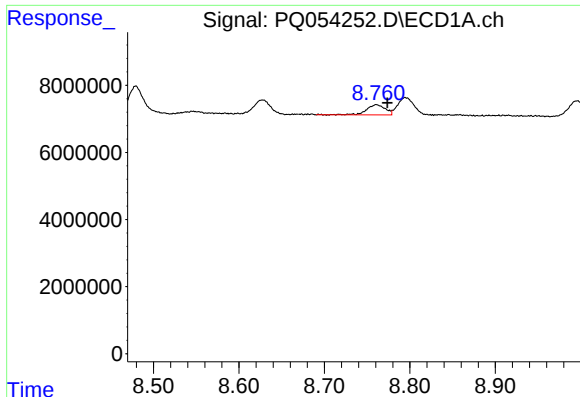
#29 AR-1254-4

R.T.: 0.000 min
Exp R.T. : 8.346 min
Response: 0
Conc: N.D.



#29 AR-1254-4

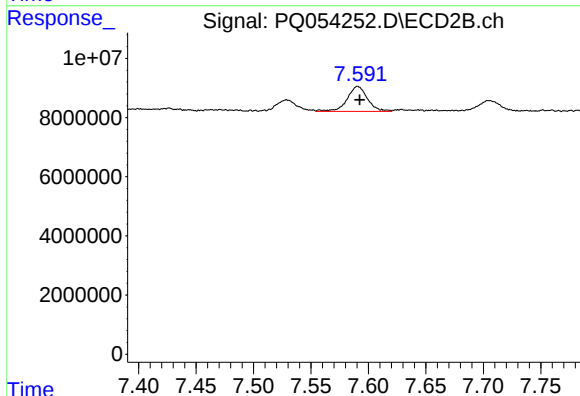
R.T.: 7.152 min
Delta R.T.: -0.012 min
Response: 15592455
Conc: 23.40 ng/ml



#30 AR-1254-5

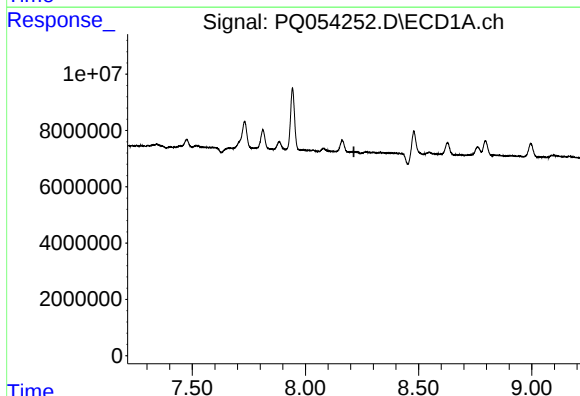
R.T.: 8.761 min
Delta R.T.: -0.013 min
Response: 4711244
Conc: 4.83 ng/ml

Instrument :
ECD_Q
ClientSampleId :



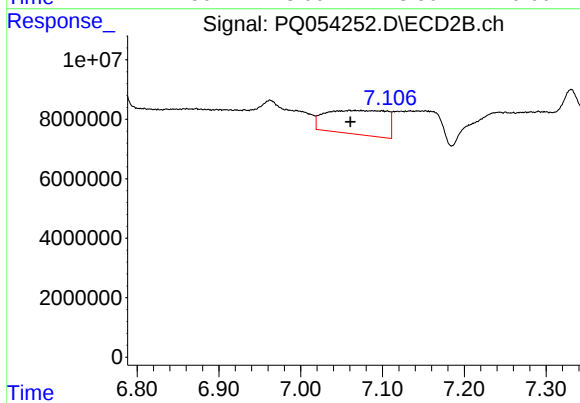
#30 AR-1254-5

R.T.: 7.591 min
Delta R.T.: -0.002 min
Response: 10456409
Conc: 10.72 ng/ml



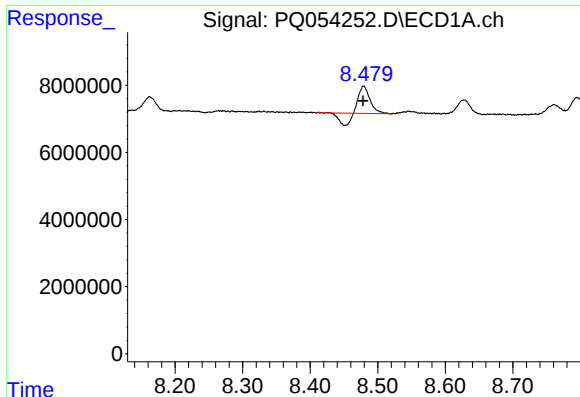
#31 AR-1260-1

R.T.: 0.000 min
Exp R.T. : 8.214 min
Response: 0
Conc: N.D.



#31 AR-1260-1

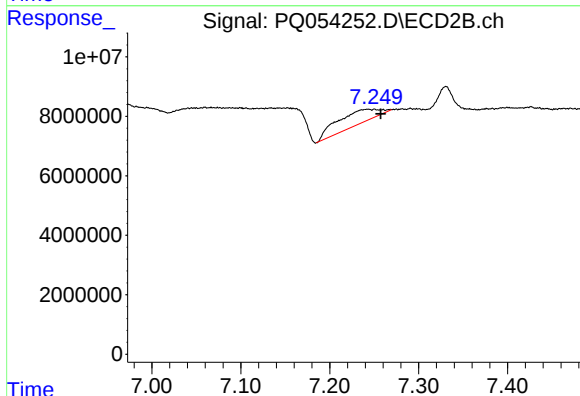
R.T.: 7.060 min
Delta R.T.: -0.001 min
Response: 41753087
Conc: 55.70 ng/ml



#32 AR-1260-2

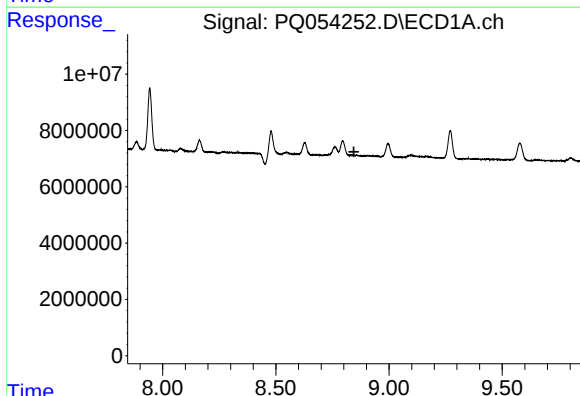
R.T.: 8.479 min
Delta R.T.: 0.001 min
Response: 5725427
Conc: 5.04 ng/ml

Instrument :
ECD_Q
ClientSampleId :



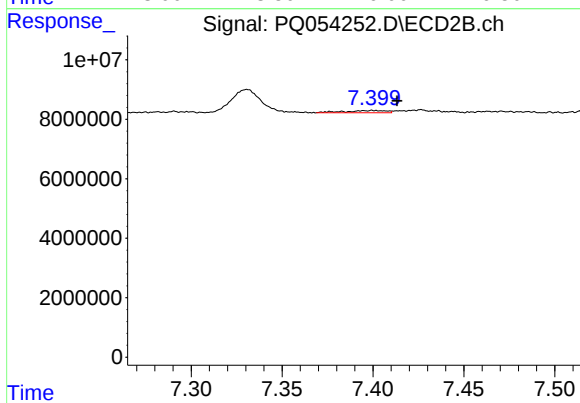
#32 AR-1260-2

R.T.: 7.250 min
Delta R.T.: -0.007 min
Response: 15157440
Conc: 14.51 ng/ml



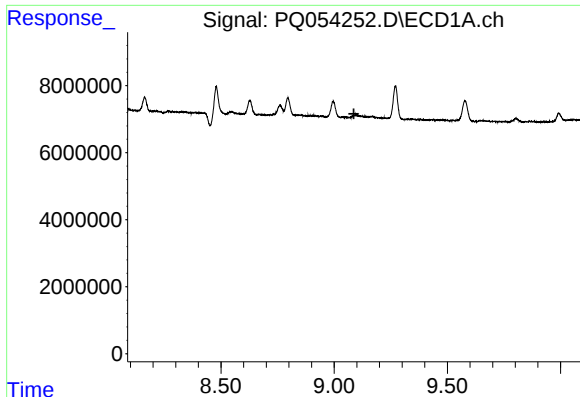
#33 AR-1260-3

R.T.: 0.000 min
Exp R.T. : 8.845 min
Response: 0
Conc: N.D.



#33 AR-1260-3

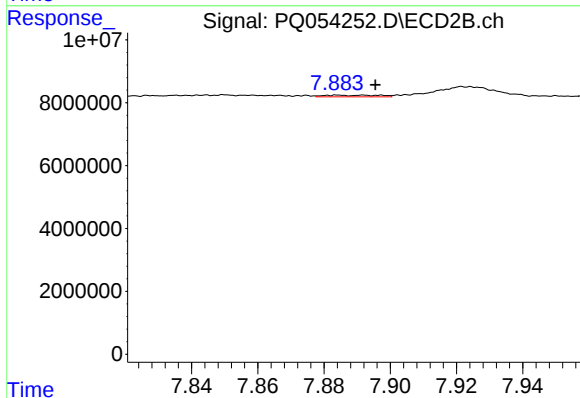
R.T.: 7.400 min
Delta R.T.: -0.013 min
Response: 1178464
Conc: 1.35 ng/ml



#34 AR-1260-4

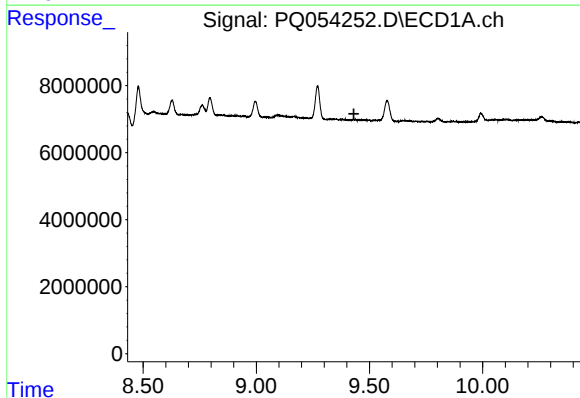
R.T.: 0.000 min
Exp R.T. : 9.087 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



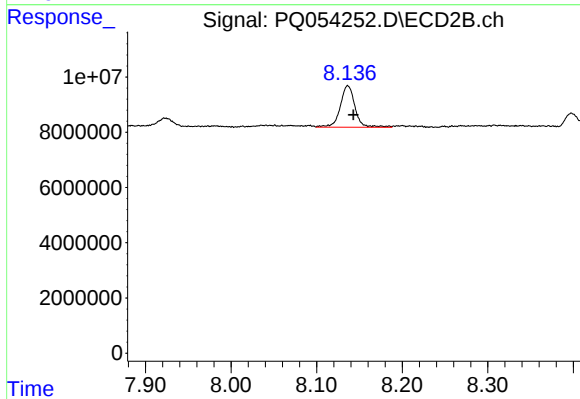
#34 AR-1260-4

R.T.: 7.884 min
Delta R.T.: -0.012 min
Response: 590305
Conc: 0.95 ng/ml



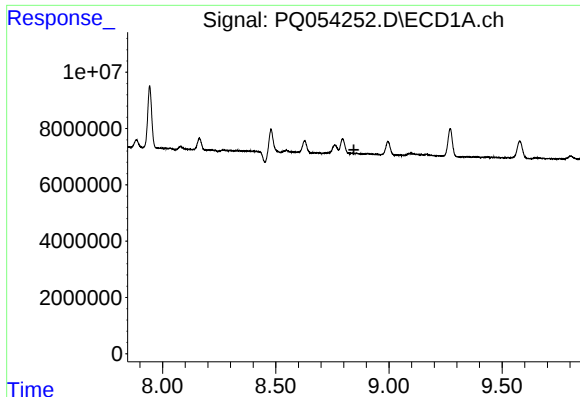
#35 AR-1260-5

R.T.: 0.000 min
Exp R.T. : 9.431 min
Response: 0
Conc: N.D.



#35 AR-1260-5

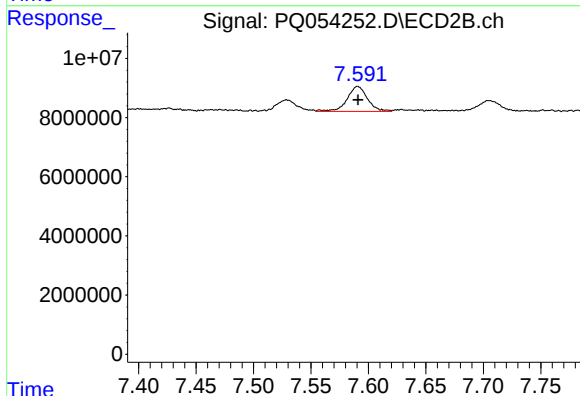
R.T.: 8.136 min
Delta R.T.: -0.006 min
Response: 18001445
Conc: 10.51 ng/ml



#36 AR-1262-1

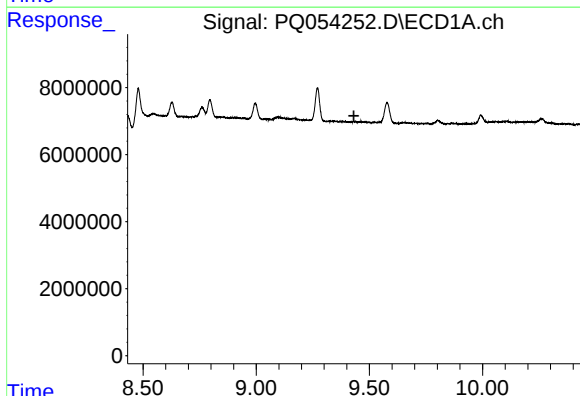
R.T.: 0.000 min
Exp R.T. : 8.845 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



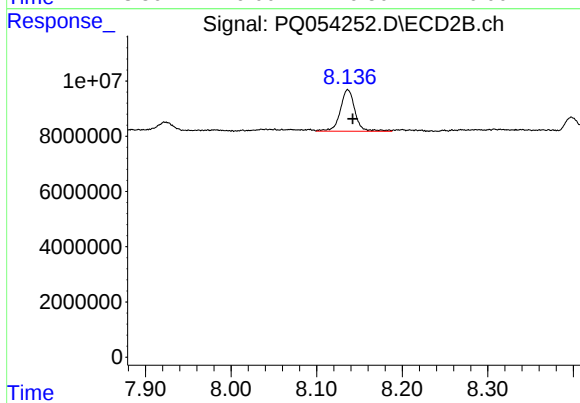
#36 AR-1262-1

R.T.: 7.591 min
Delta R.T.: 0.000 min
Response: 10456409
Conc: 23.14 ng/ml



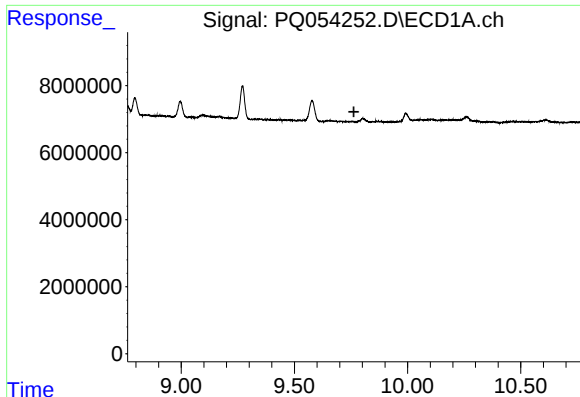
#37 AR-1262-2

R.T.: 0.000 min
Exp R.T. : 9.432 min
Response: 0
Conc: N.D.



#37 AR-1262-2

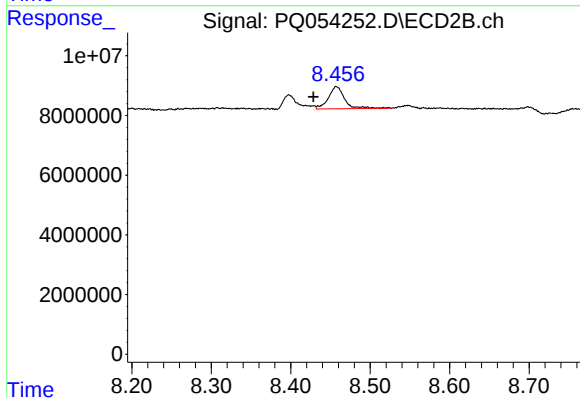
R.T.: 8.136 min
Delta R.T.: -0.006 min
Response: 18001445
Conc: 9.56 ng/ml



#38 AR-1262-3

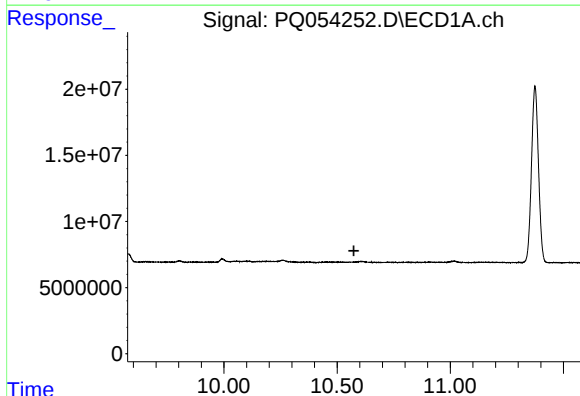
R.T.: 0.000 min
Exp R.T. : 9.763 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



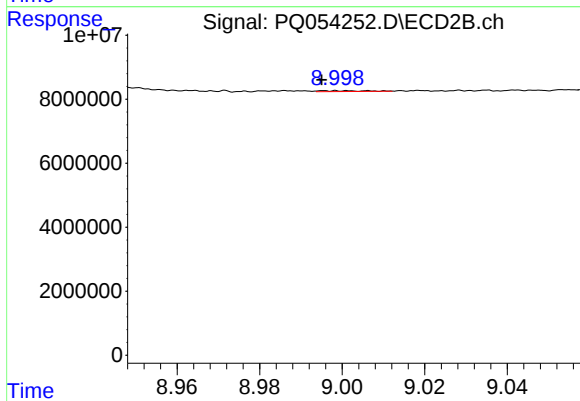
#38 AR-1262-3

R.T.: 8.458 min
Delta R.T.: 0.029 min
Response: 10444862
Conc: 13.61 ng/ml



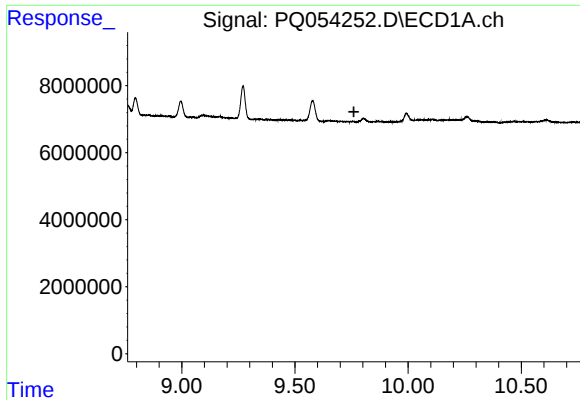
#40 AR-1262-5

R.T.: 0.000 min
Exp R.T. : 10.574 min
Response: 0
Conc: N.D.



#40 AR-1262-5

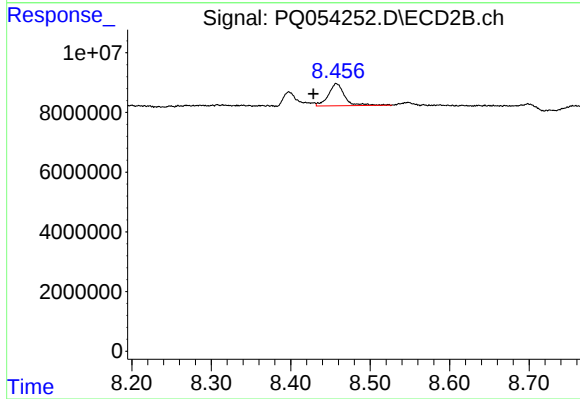
R.T.: 8.998 min
Delta R.T.: 0.003 min
Response: 204422
Conc: 0.35 ng/ml



#41 AR-1268-1

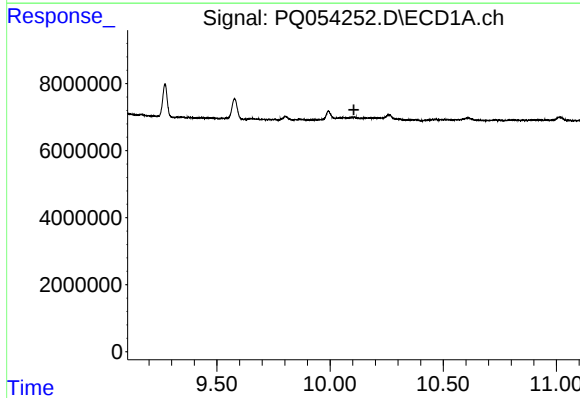
R.T.: 0.000 min
Exp R.T. : 9.760 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



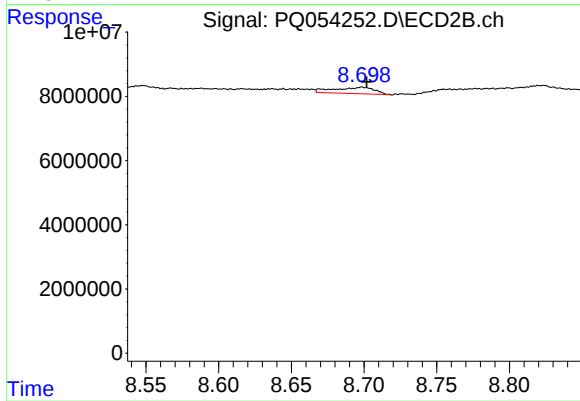
#41 AR-1268-1

R.T.: 8.458 min
Delta R.T.: 0.029 min
Response: 10444862
Conc: 4.63 ng/ml



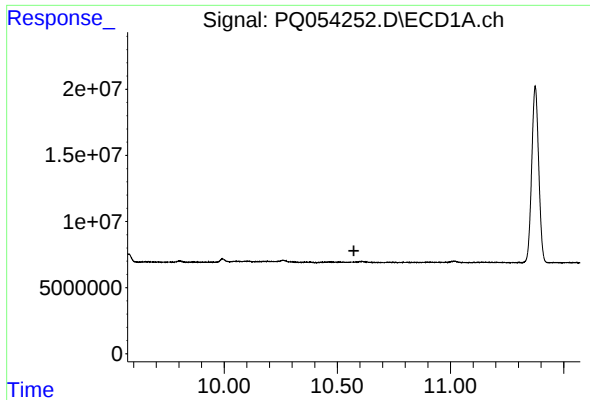
#43 AR-1268-3

R.T.: 0.000 min
Exp R.T. : 10.105 min
Response: 0
Conc: N.D.



#43 AR-1268-3

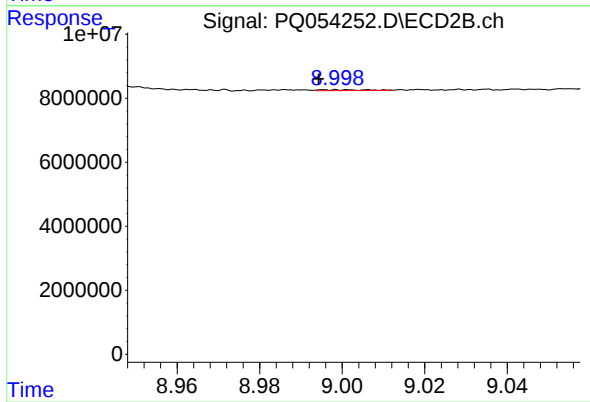
R.T.: 8.699 min
Delta R.T.: -0.003 min
Response: 3873654
Conc: 2.32 ng/ml



#44 AR-1268-4

R.T.: 0.000 min
Exp R.T.: 10.573 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



#44 AR-1268-4

R.T.: 8.998 min
Delta R.T.: 0.003 min
Response: 204422
Conc: 0.31 ng/ml