

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ113021\
 Data File : PQ055218.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 30 Nov 2021 19:31
 Operator : AJ\MA
 Sample : M4068-07
 Misc : AR1254 LOD 40 PPB
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 30 23:06:43 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ112921.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Nov 30 02:09:05 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...	5.246	4.321	316.6E6	182.9E6	18.009	17.784
2)	SA Decachlor...	11.436	9.725	325.9E6	169.7E6	20.663	18.948
Target Compounds							
3)	L1 AR-1016-1	0.000	5.592	0	276452	N.D.	0.771 #
4)	L1 AR-1016-2	0.000	5.617	0	1035407	N.D.	2.011 #
5)	L1 AR-1016-3	0.000	5.809	0	495218	N.D.	1.849 #
6)	L1 AR-1016-4	0.000	5.857	0	9840453	N.D.	45.364 #
7)	L1 AR-1016-5	7.084	6.089	8367333	4231588	19.196	15.458
8)	L2 AR-1221-1	5.498	4.592	13512822	57607	64.822	0.534 #
9)	L2 AR-1221-2	5.602	4.679	3918347	2354162	22.393	30.378 #
10)	L2 AR-1221-3	0.000	4.778	0	188445	N.D.	0.732 #
11)	L3 AR-1232-1	0.000	4.778	0	188445	N.D.	0.867 #
12)	L3 AR-1232-2	0.000	5.617	0	1035407	N.D.	4.915 #
13)	L3 AR-1232-3	0.000	5.809	0	495218	N.D.	4.512 #
14)	L3 AR-1232-4	0.000	5.904	0	2329707	N.D.	23.999 #
15)	L3 AR-1232-5	6.863	6.089	13302182	4231588	95.668	41.057 #
16)	L4 AR-1242-1	0.000	5.592	0	276452	N.D.	1.038 #
17)	L4 AR-1242-2	0.000	5.617	0	1035407	N.D.	2.673 #
18)	L4 AR-1242-3	0.000	5.809	0	495218	N.D.	2.456 #
19)	L4 AR-1242-4	0.000	5.904	0	2329707	N.D.	11.900 #
20)	L4 AR-1242-5	7.552	6.471	7804985	20137304	21.368	79.862 #
21)	L5 AR-1248-1	0.000	5.592	0	276452	N.D.	1.381 #
22)	L5 AR-1248-2	6.863	5.857	13302182	9840453	29.025	34.998
23)	L5 AR-1248-3	7.084	5.904	8367333	2329707	15.515	7.963 #
24)	L5 AR-1248-4	7.510	6.089	11846170	4231588	19.522	12.156 #
25)	L5 AR-1248-5	7.552	6.515	7804985	2219006	12.753	6.377 #
26)	L6 AR-1254-1	7.481	6.471	23163115	20137304	39.457	36.407
27)	L6 AR-1254-2	7.709	6.630	35386621	18145982	39.043	38.345
28)	L6 AR-1254-3	8.093	7.056	40371778	27879359	39.663	35.510
29)	L6 AR-1254-4	8.388	7.294	46929410	17207725	62.375	36.064 #
30)	L6 AR-1254-5	8.819	7.726	27806975	19808375	34.252	29.614
31)	L7 AR-1260-1	8.260	7.193	23337160	16408948	33.197	32.736
32)	L7 AR-1260-2	8.534	7.387	46816515	12168972	56.415	20.124 #
33)	L7 AR-1260-3	0.000	7.537	0	29156383	N.D.	51.049 #
34)	L7 AR-1260-4	9.128	8.033	11549536	1453521	15.148	3.068 #
35)	L7 AR-1260-5	9.480	8.278	4036528	3176630	2.619	2.751
36)	L8 AR-1262-1	0.000	7.726	0	19808375	N.D.	58.240 #
37)	L8 AR-1262-2	9.480	8.278	4036528	3176630	2.437	2.578
38)	L8 AR-1262-3	9.841f	8.575	3622391	1761745	4.501	3.812
39)	L8 AR-1262-4	0.000	8.628	0	4322513	N.D.	4.843 #
40)	L8 AR-1262-5	0.000	9.144	0	683707	N.D.	1.703 #
41)	L9 AR-1268-1	9.841f	8.575	3622391	1761745	1.823	1.245 #

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ113021\
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 Quant Time: Nov 30 23:06:43 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ112921.M
 Quant Title : GC EXTRACTABLES
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 Response via : Initial Calibration
 Integrator: ChemStation

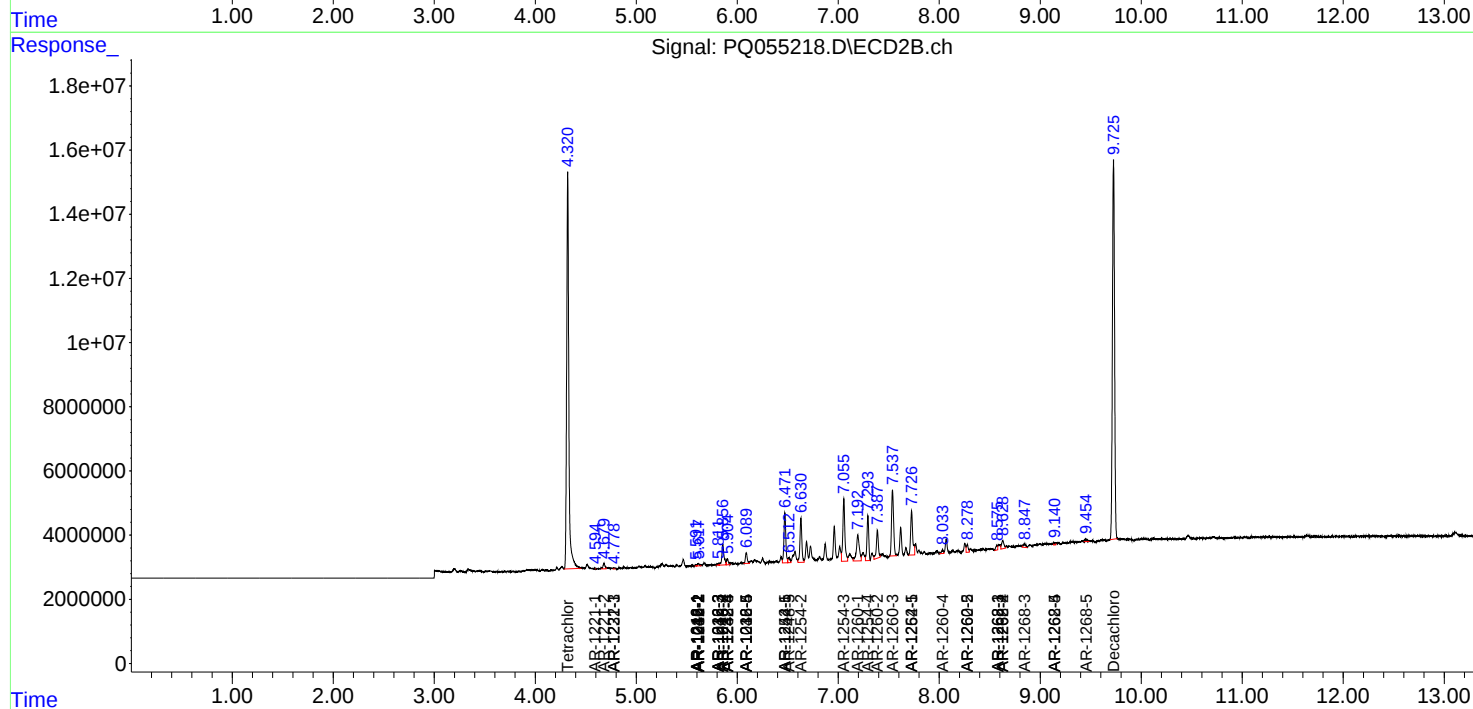
Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

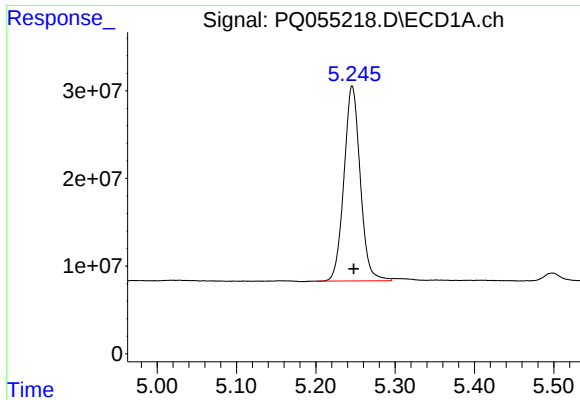
	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
42) L9	AR-1268-2	0.000	8.628	0	4322513	N.D.	3.317 #
43) L9	AR-1268-3	0.000	8.847	0	1610223	N.D.	1.472 #
44) L9	AR-1268-4	0.000	9.144	0	683707	N.D.	1.513 #
45) L9	AR-1268-5	0.000	9.454	0	993495	N.D.	0.281 #

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

Instrument :
ECD_Q
ClientSampleId :

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

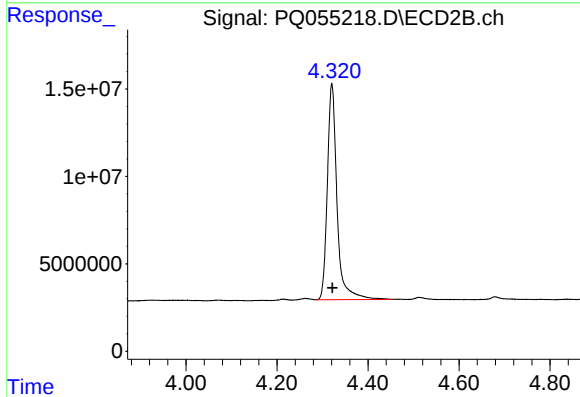




#1 Tetrachloro-m-xylene

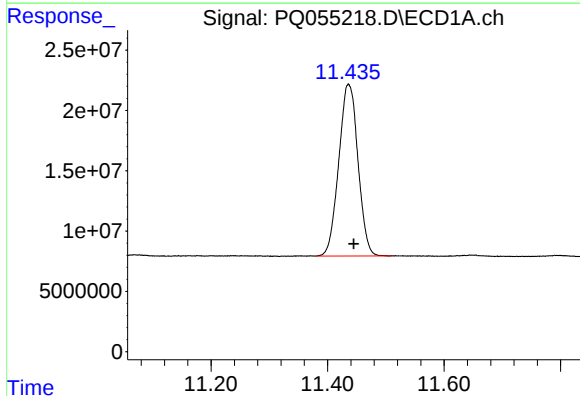
R.T.: 5.246 min
Delta R.T.: -0.002 min
Response: 316635323
Conc: 18.01 ng/ml

Instrument :
ECD_Q
ClientSampleId :



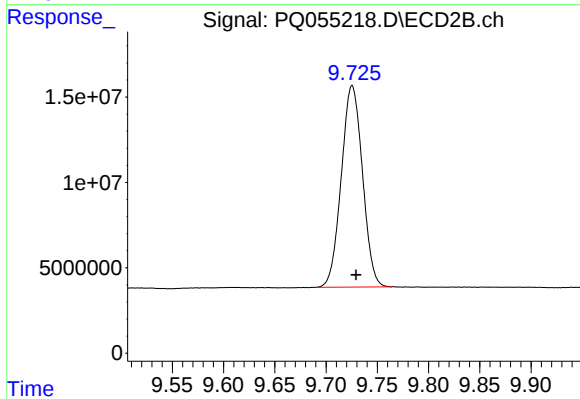
#1 Tetrachloro-m-xylene

R.T.: 4.321 min
Delta R.T.: -0.001 min
Response: 182873722
Conc: 17.78 ng/ml



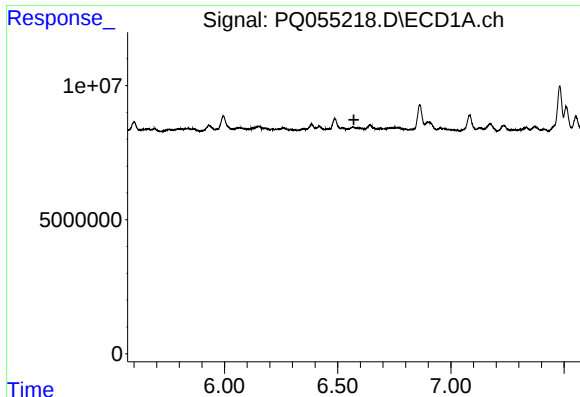
#2 Decachlorobiphenyl

R.T.: 11.436 min
Delta R.T.: -0.009 min
Response: 325916665
Conc: 20.66 ng/ml



#2 Decachlorobiphenyl

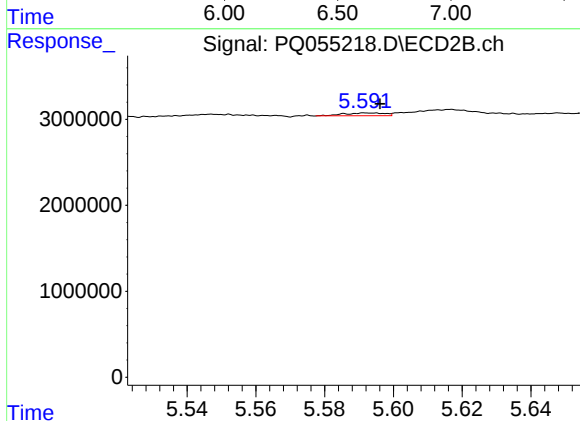
R.T.: 9.725 min
Delta R.T.: -0.004 min
Response: 169659295
Conc: 18.95 ng/ml



#3 AR-1016-1

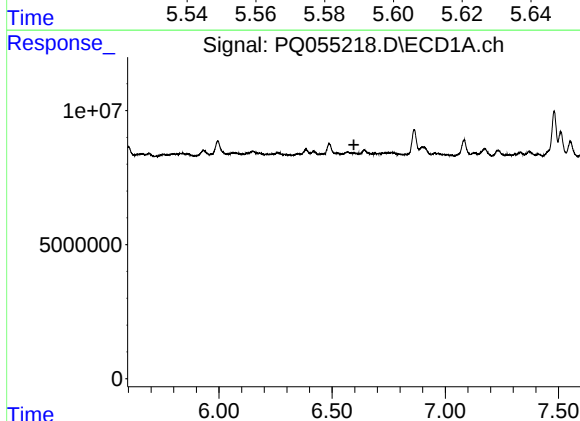
R.T.: 0.000 min
Exp R.T.: 6.572 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



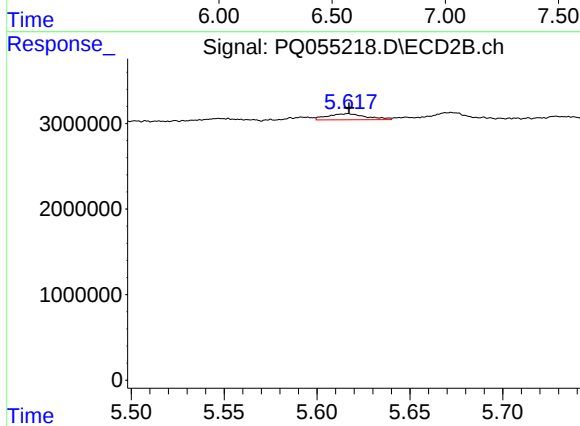
#3 AR-1016-1

R.T.: 5.592 min
Delta R.T.: -0.004 min
Response: 276452
Conc: 0.77 ng/ml



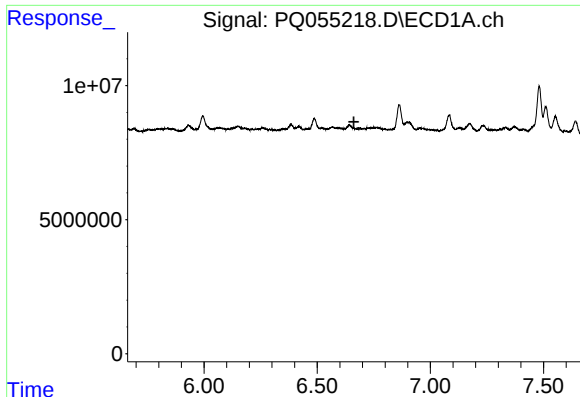
#4 AR-1016-2

R.T.: 0.000 min
Exp R.T.: 6.596 min
Response: 0
Conc: N.D.



#4 AR-1016-2

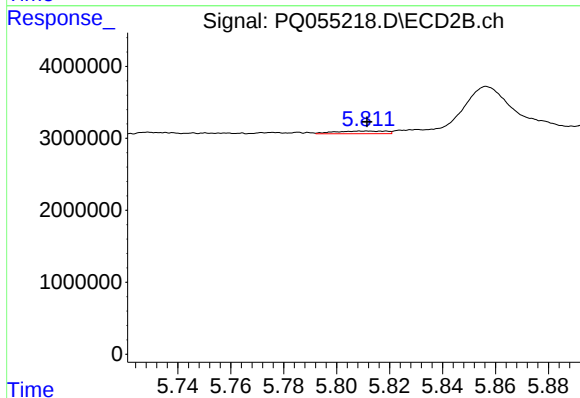
R.T.: 5.617 min
Delta R.T.: 0.000 min
Response: 1035407
Conc: 2.01 ng/ml



#5 AR-1016-3

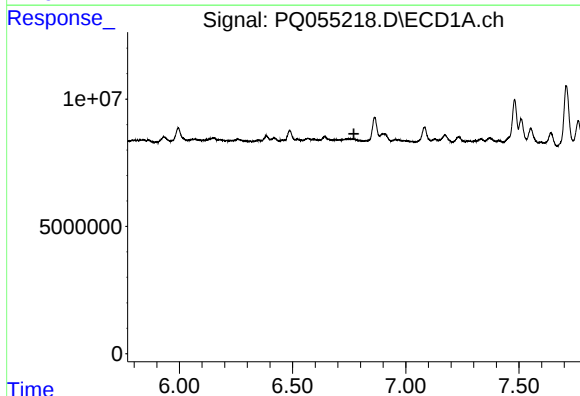
R.T.: 0.000 min
Exp R.T.: 6.662 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



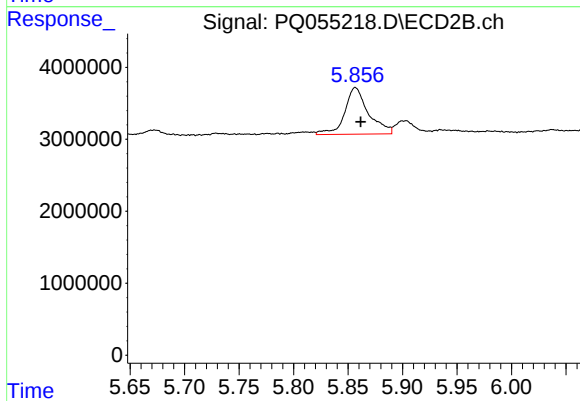
#5 AR-1016-3

R.T.: 5.809 min
Delta R.T.: -0.003 min
Response: 495218
Conc: 1.85 ng/ml



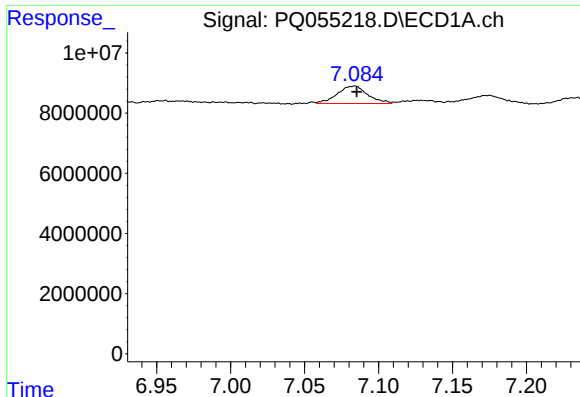
#6 AR-1016-4

R.T.: 0.000 min
Exp R.T.: 6.771 min
Response: 0
Conc: N.D.



#6 AR-1016-4

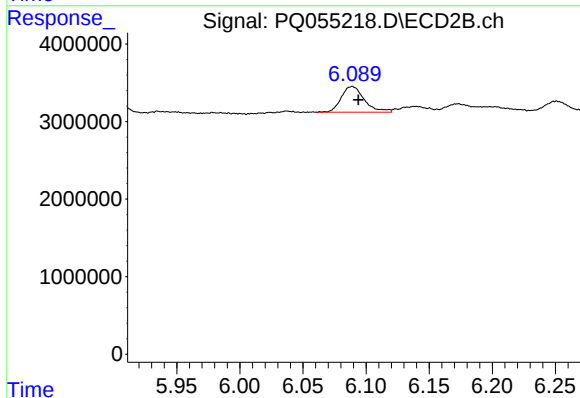
R.T.: 5.857 min
Delta R.T.: -0.005 min
Response: 9840453
Conc: 45.36 ng/ml



#7 AR-1016-5

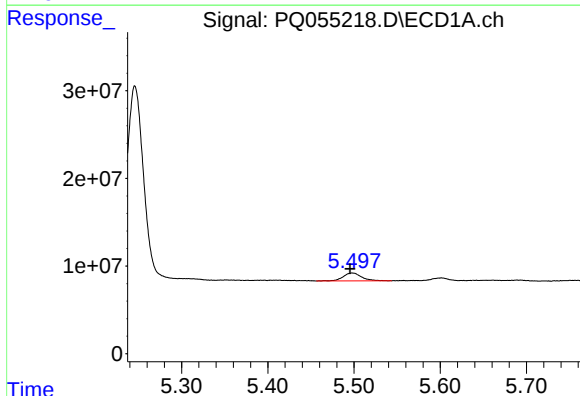
R.T.: 7.084 min
Delta R.T.: -0.001 min
Response: 8367333
Conc: 19.20 ng/ml

Instrument :
ECD_Q
ClientSampleId :



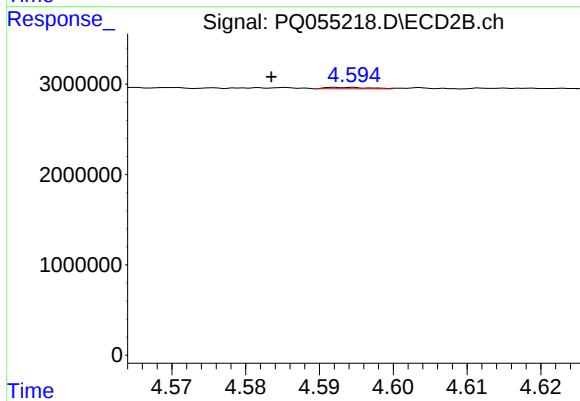
#7 AR-1016-5

R.T.: 6.089 min
Delta R.T.: -0.005 min
Response: 4231588
Conc: 15.46 ng/ml



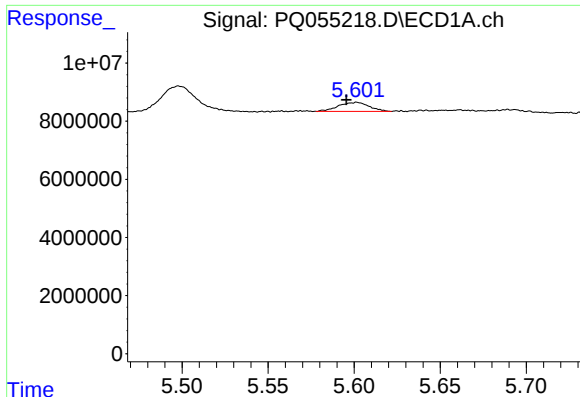
#8 AR-1221-1

R.T.: 5.498 min
Delta R.T.: 0.003 min
Response: 13512822
Conc: 64.82 ng/ml



#8 AR-1221-1

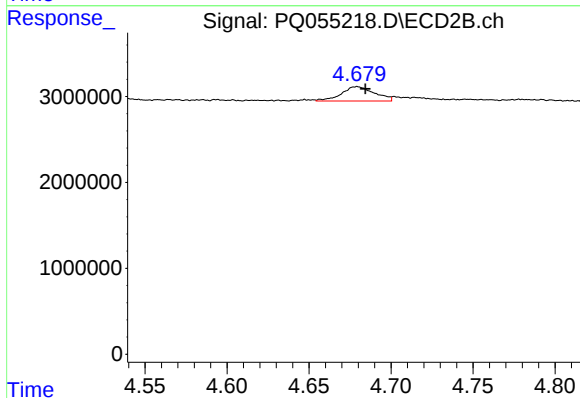
R.T.: 4.592 min
Delta R.T.: 0.009 min
Response: 57607
Conc: 0.53 ng/ml



#9 AR-1221-2

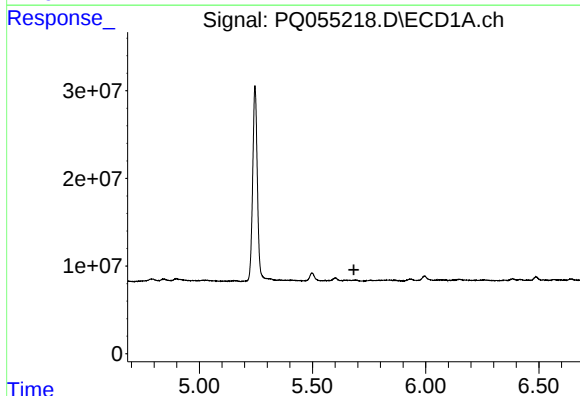
R.T.: 5.602 min
Delta R.T.: 0.006 min
Response: 3918347
Conc: 22.39 ng/ml

Instrument :
ECD_Q
ClientSampleId :



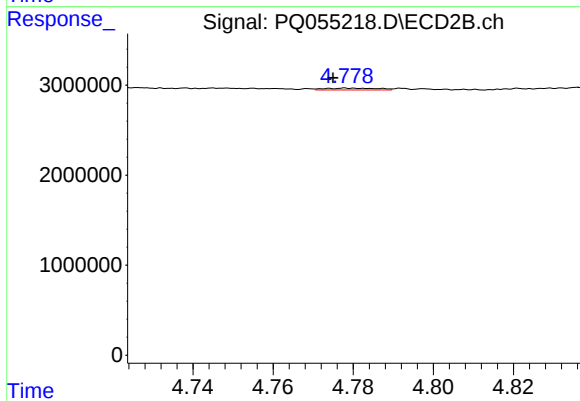
#9 AR-1221-2

R.T.: 4.679 min
Delta R.T.: -0.005 min
Response: 2354162
Conc: 30.38 ng/ml



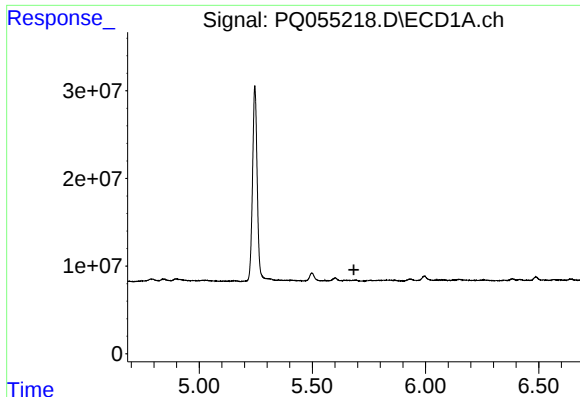
#10 AR-1221-3

R.T.: 0.000 min
Exp R.T. : 5.683 min
Response: 0
Conc: N.D.



#10 AR-1221-3

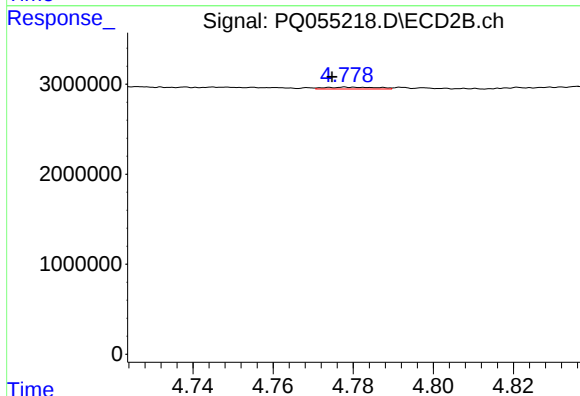
R.T.: 4.778 min
Delta R.T.: 0.003 min
Response: 188445
Conc: 0.73 ng/ml



#11 AR-1232-1

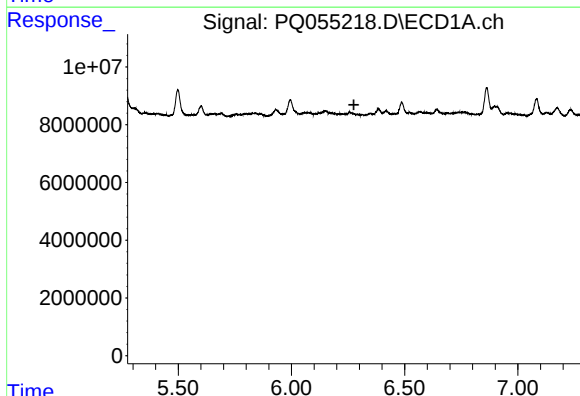
R.T.: 0.000 min
Exp R.T.: 5.683 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



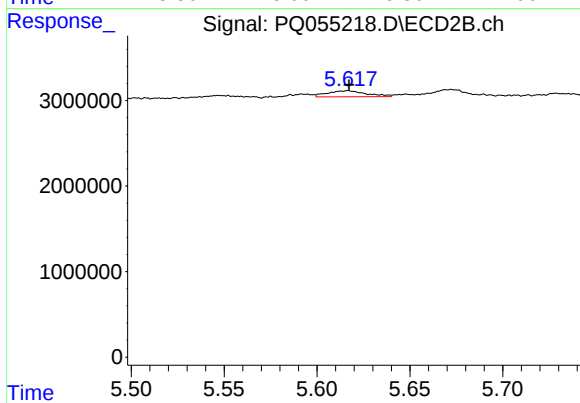
#11 AR-1232-1

R.T.: 4.778 min
Delta R.T.: 0.003 min
Response: 188445
Conc: 0.87 ng/ml



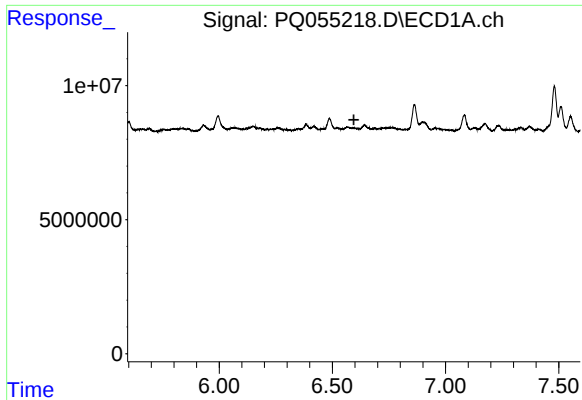
#12 AR-1232-2

R.T.: 0.000 min
Exp R.T.: 6.276 min
Response: 0
Conc: N.D.



#12 AR-1232-2

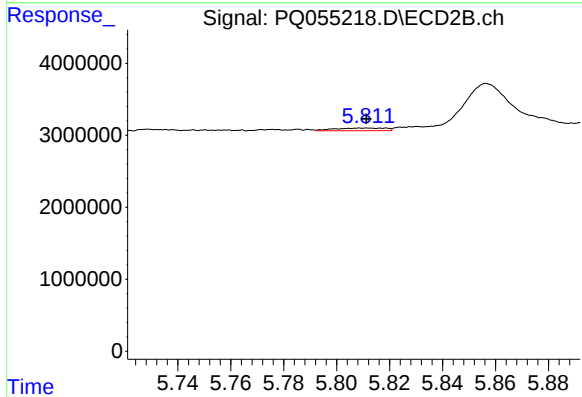
R.T.: 5.617 min
Delta R.T.: 0.000 min
Response: 1035407
Conc: 4.91 ng/ml



#13 AR-1232-3

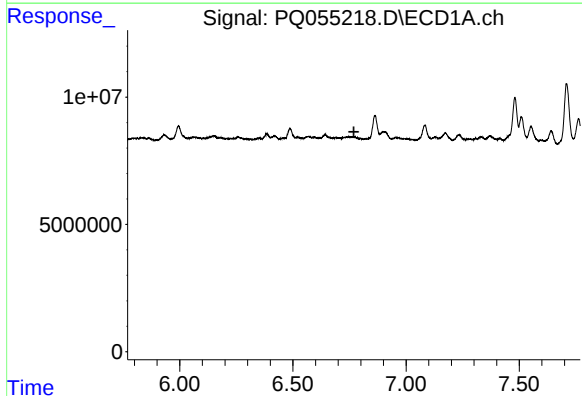
R.T.: 0.000 min
Exp R.T.: 6.595 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



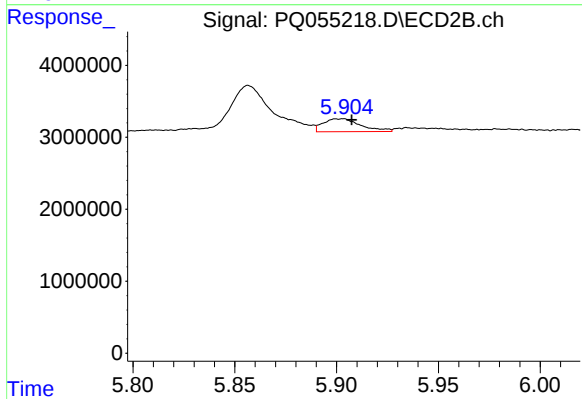
#13 AR-1232-3

R.T.: 5.809 min
Delta R.T.: -0.003 min
Response: 495218
Conc: 4.51 ng/ml



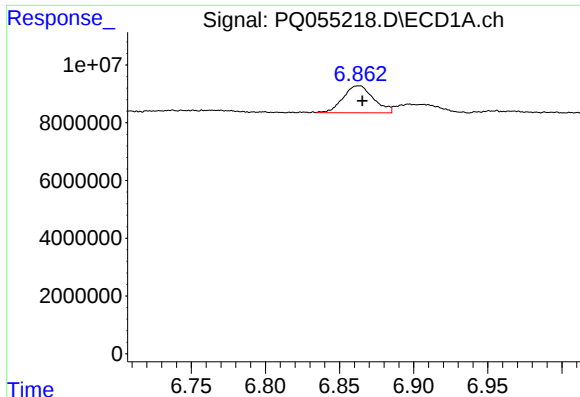
#14 AR-1232-4

R.T.: 0.000 min
Exp R.T.: 6.769 min
Response: 0
Conc: N.D.



#14 AR-1232-4

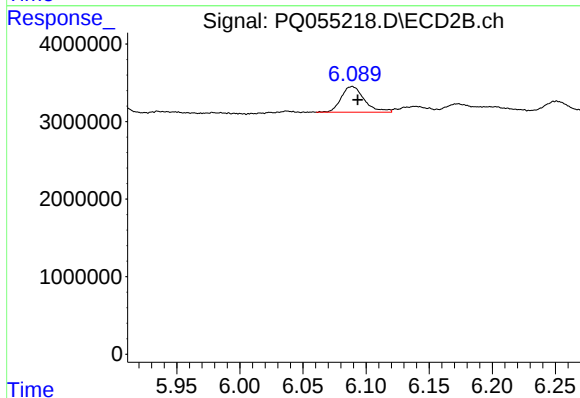
R.T.: 5.904 min
Delta R.T.: -0.004 min
Response: 2329707
Conc: 24.00 ng/ml



#15 AR-1232-5

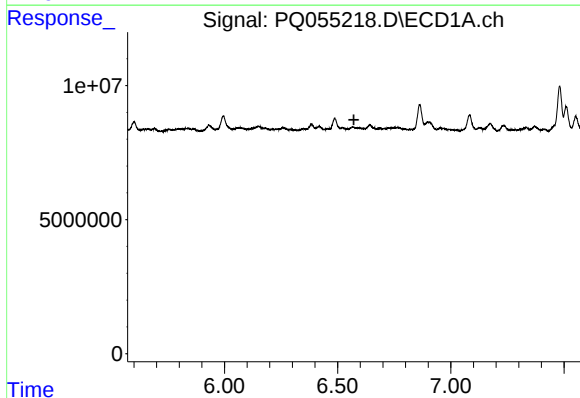
R.T.: 6.863 min
Delta R.T.: -0.002 min
Response: 13302182
Conc: 95.67 ng/ml

Instrument :
ECD_Q
ClientSampleId :



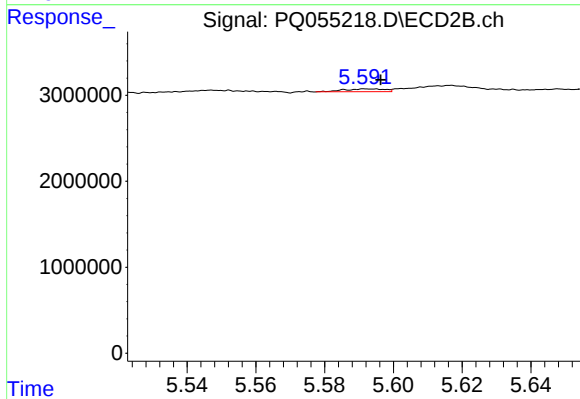
#15 AR-1232-5

R.T.: 6.089 min
Delta R.T.: -0.004 min
Response: 4231588
Conc: 41.06 ng/ml



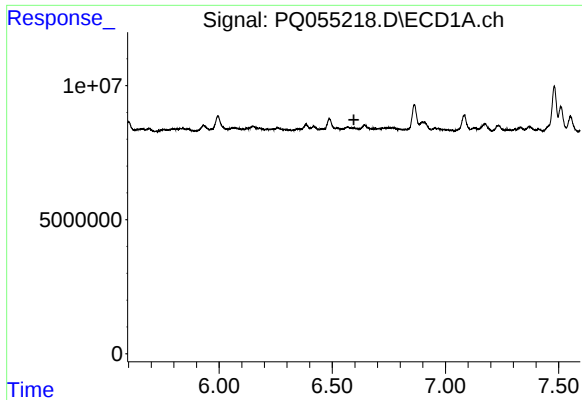
#16 AR-1242-1

R.T.: 0.000 min
Exp R.T. : 6.572 min
Response: 0
Conc: N.D.



#16 AR-1242-1

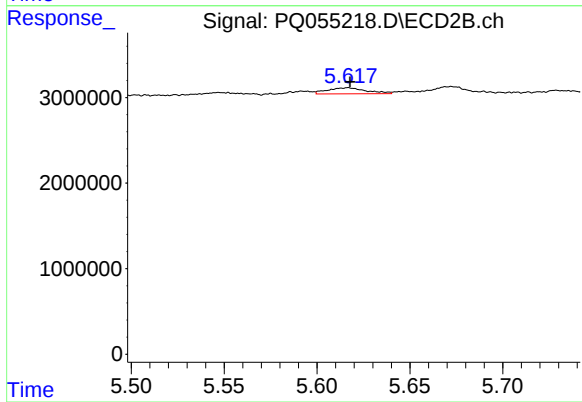
R.T.: 5.592 min
Delta R.T.: -0.004 min
Response: 276452
Conc: 1.04 ng/ml



#17 AR-1242-2

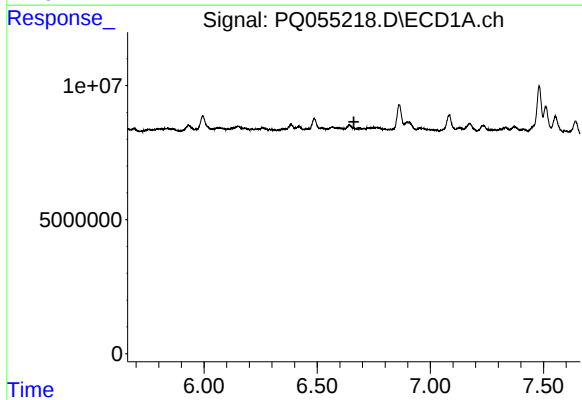
R.T.: 0.000 min
Exp R.T.: 6.596 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



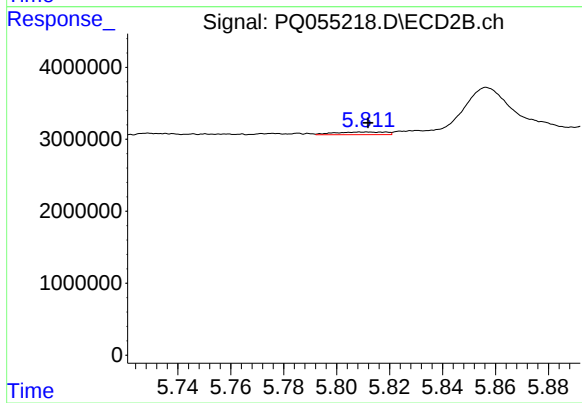
#17 AR-1242-2

R.T.: 5.617 min
Delta R.T.: -0.001 min
Response: 1035407
Conc: 2.67 ng/ml



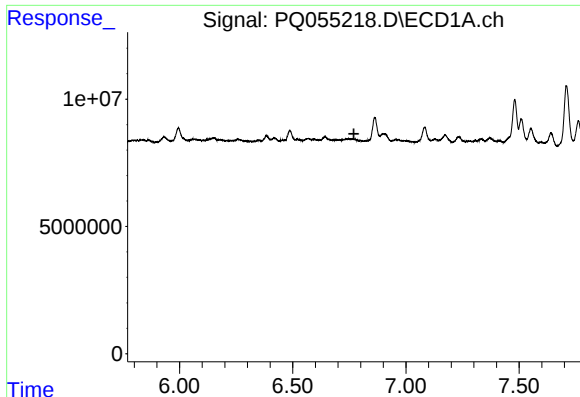
#18 AR-1242-3

R.T.: 0.000 min
Exp R.T.: 6.662 min
Response: 0
Conc: N.D.



#18 AR-1242-3

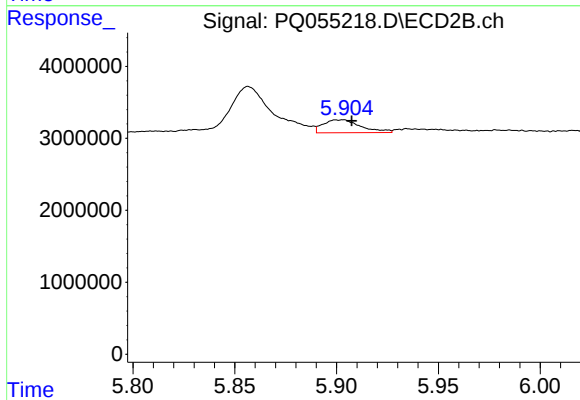
R.T.: 5.809 min
Delta R.T.: -0.003 min
Response: 495218
Conc: 2.46 ng/ml



#19 AR-1242-4

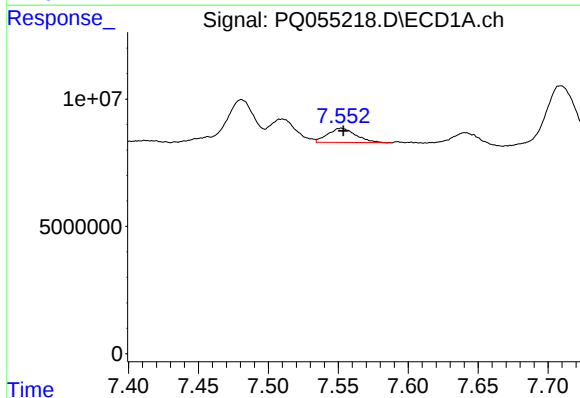
R.T.: 0.000 min
Exp R.T.: 6.770 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



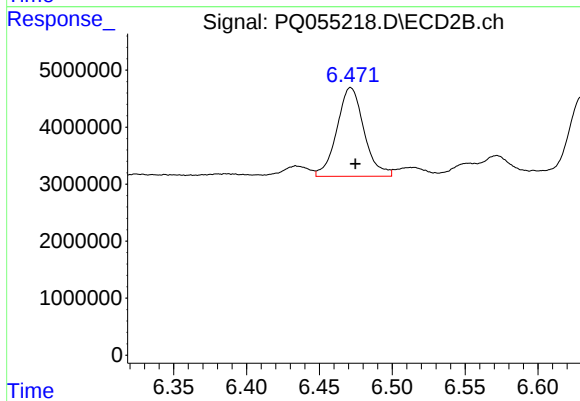
#19 AR-1242-4

R.T.: 5.904 min
Delta R.T.: -0.004 min
Response: 2329707
Conc: 11.90 ng/ml



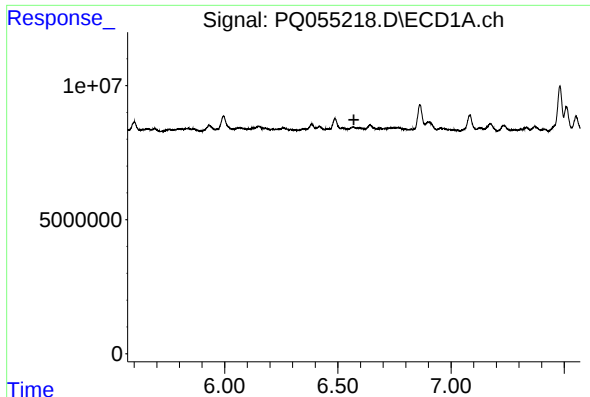
#20 AR-1242-5

R.T.: 7.552 min
Delta R.T.: -0.001 min
Response: 7804985
Conc: 21.37 ng/ml



#20 AR-1242-5

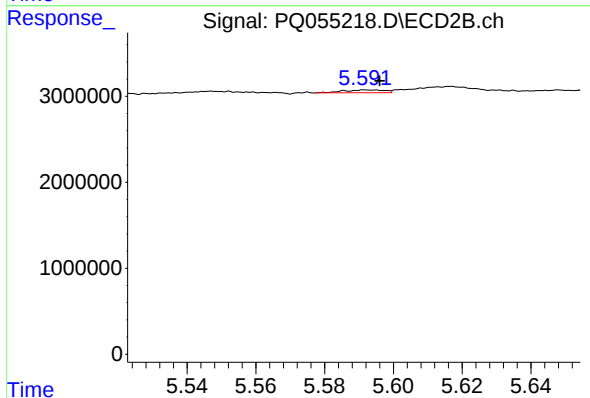
R.T.: 6.471 min
Delta R.T.: -0.003 min
Response: 20137304
Conc: 79.86 ng/ml



#21 AR-1248-1

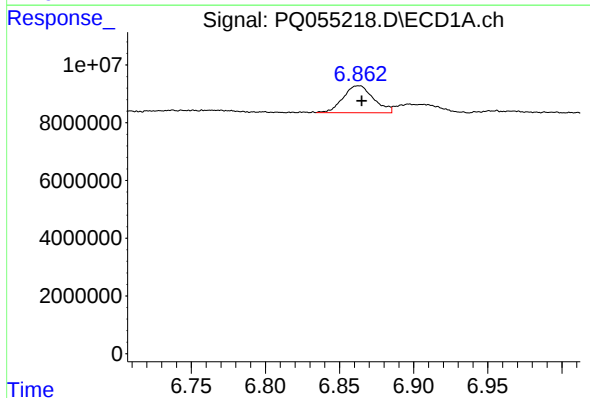
R.T.: 0.000 min
Exp R.T.: 6.571 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



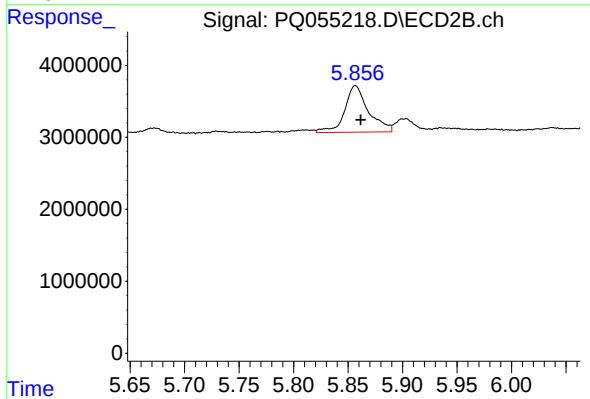
#21 AR-1248-1

R.T.: 5.592 min
Delta R.T.: -0.004 min
Response: 276452
Conc: 1.38 ng/ml



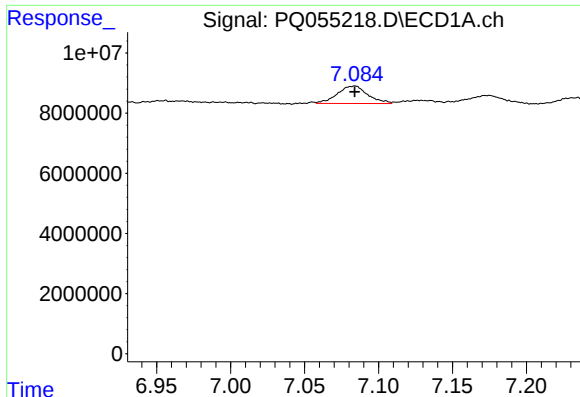
#22 AR-1248-2

R.T.: 6.863 min
Delta R.T.: -0.002 min
Response: 13302182
Conc: 29.02 ng/ml



#22 AR-1248-2

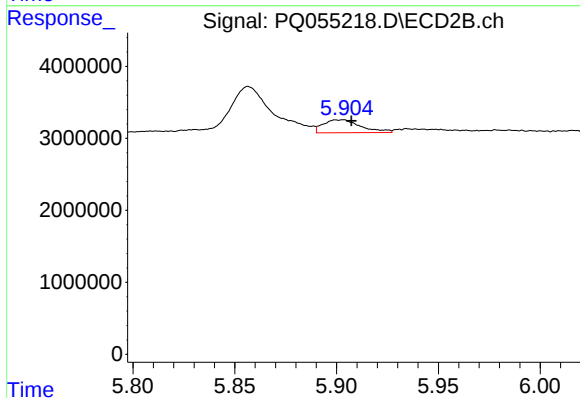
R.T.: 5.857 min
Delta R.T.: -0.005 min
Response: 9840453
Conc: 35.00 ng/ml



#23 AR-1248-3

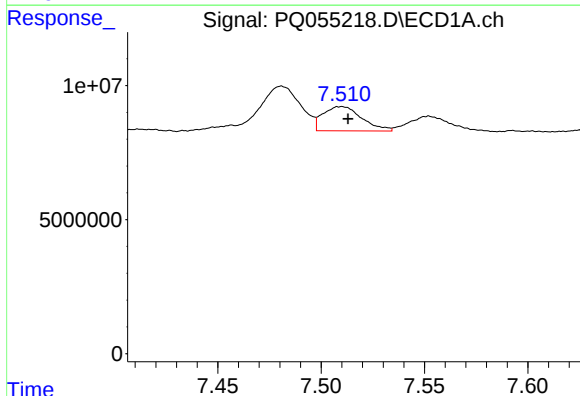
R.T.: 7.084 min
Delta R.T.: 0.000 min
Response: 8367333
Conc: 15.52 ng/ml

Instrument :
ECD_Q
ClientSampleId :



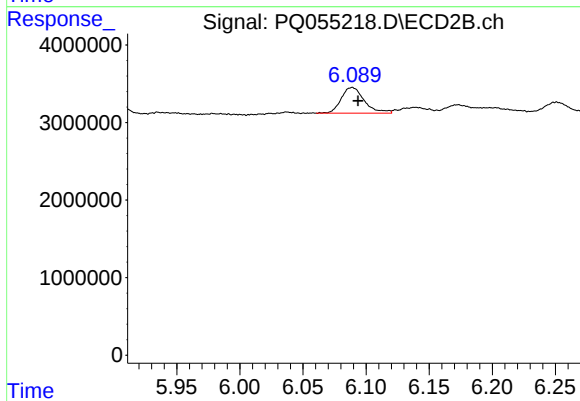
#23 AR-1248-3

R.T.: 5.904 min
Delta R.T.: -0.004 min
Response: 2329707
Conc: 7.96 ng/ml



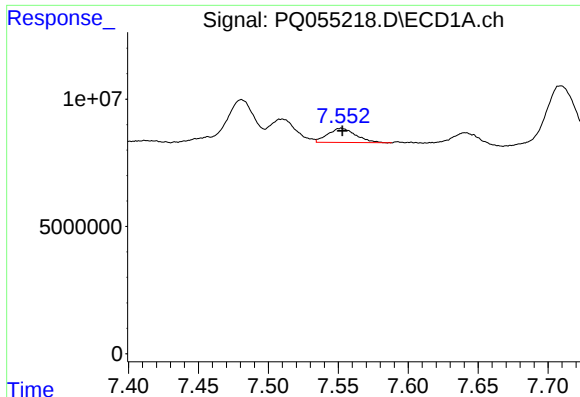
#24 AR-1248-4

R.T.: 7.510 min
Delta R.T.: -0.003 min
Response: 11846170
Conc: 19.52 ng/ml



#24 AR-1248-4

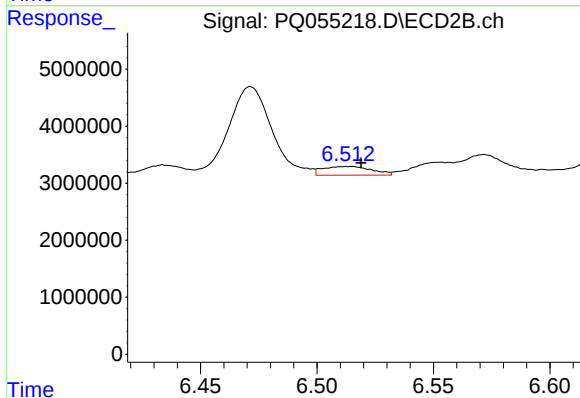
R.T.: 6.089 min
Delta R.T.: -0.004 min
Response: 4231588
Conc: 12.16 ng/ml



#25 AR-1248-5

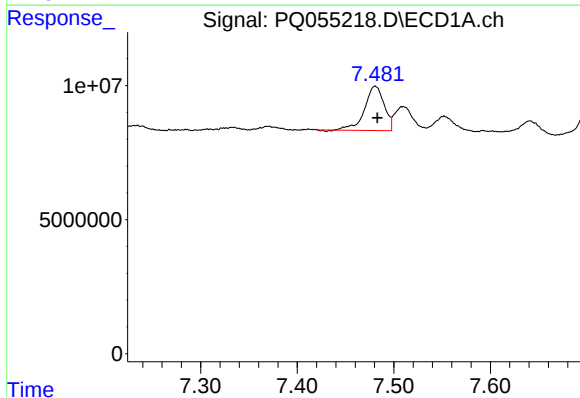
R.T.: 7.552 min
Delta R.T.: 0.000 min
Response: 7804985
Conc: 12.75 ng/ml

Instrument :
ECD_Q
ClientSampleId :



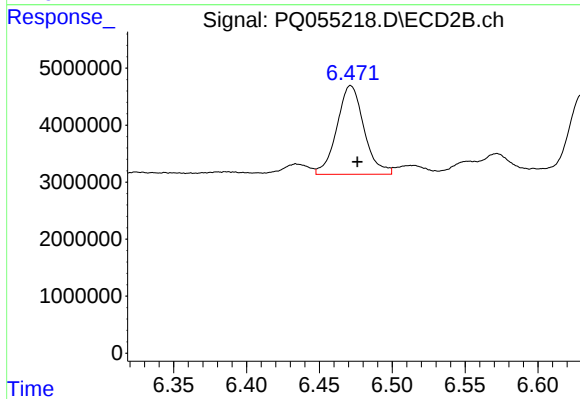
#25 AR-1248-5

R.T.: 6.515 min
Delta R.T.: -0.004 min
Response: 2219006
Conc: 6.38 ng/ml



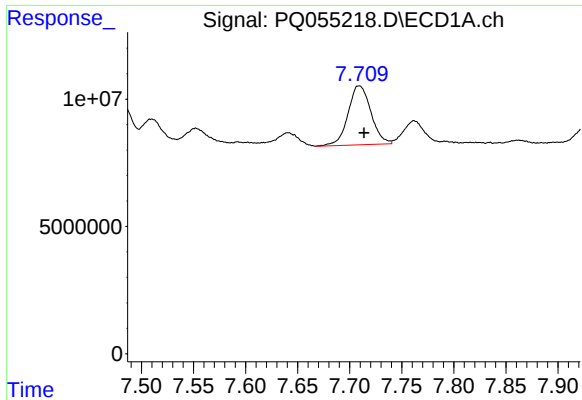
#26 AR-1254-1

R.T.: 7.481 min
Delta R.T.: -0.002 min
Response: 23163115
Conc: 39.46 ng/ml



#26 AR-1254-1

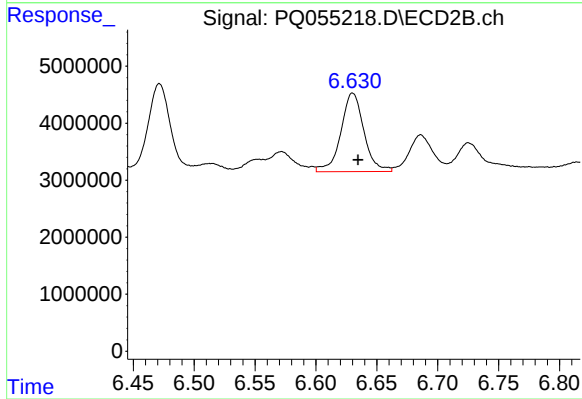
R.T.: 6.471 min
Delta R.T.: -0.005 min
Response: 20137304
Conc: 36.41 ng/ml



#27 AR-1254-2

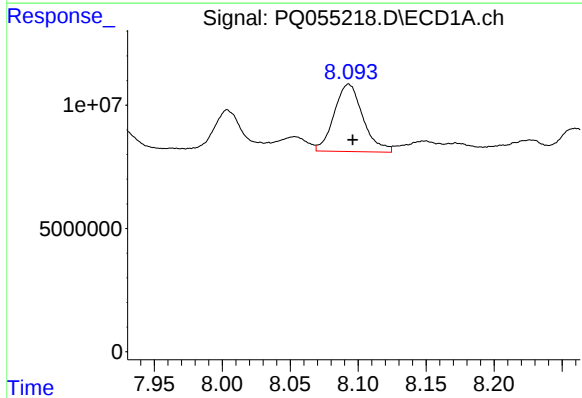
R.T.: 7.709 min
Delta R.T.: -0.004 min
Response: 35386621
Conc: 39.04 ng/ml

Instrument :
ECD_Q
ClientSampleId :



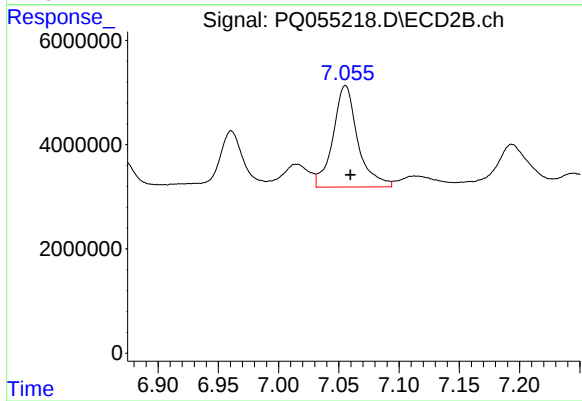
#27 AR-1254-2

R.T.: 6.630 min
Delta R.T.: -0.005 min
Response: 18145982
Conc: 38.35 ng/ml



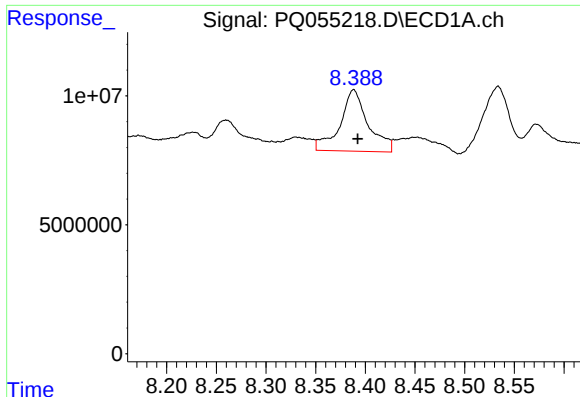
#28 AR-1254-3

R.T.: 8.093 min
Delta R.T.: -0.003 min
Response: 40371778
Conc: 39.66 ng/ml



#28 AR-1254-3

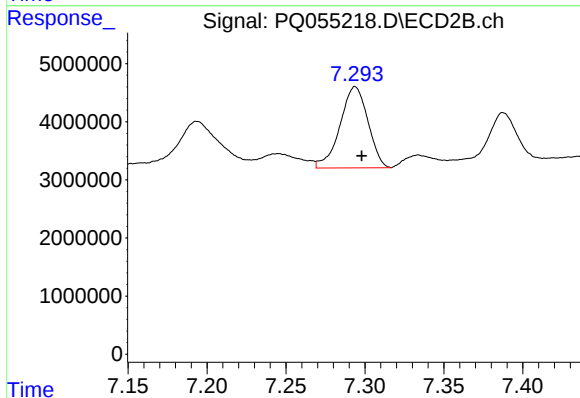
R.T.: 7.056 min
Delta R.T.: -0.004 min
Response: 27879359
Conc: 35.51 ng/ml



#29 AR-1254-4

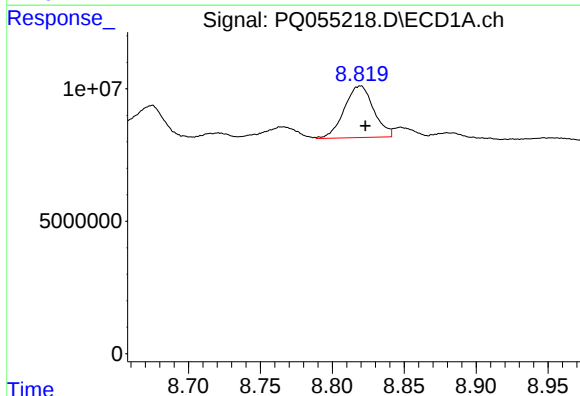
R.T.: 8.388 min
Delta R.T.: -0.004 min
Response: 46929410
Conc: 62.38 ng/ml

Instrument :
ECD_Q
ClientSampleId :



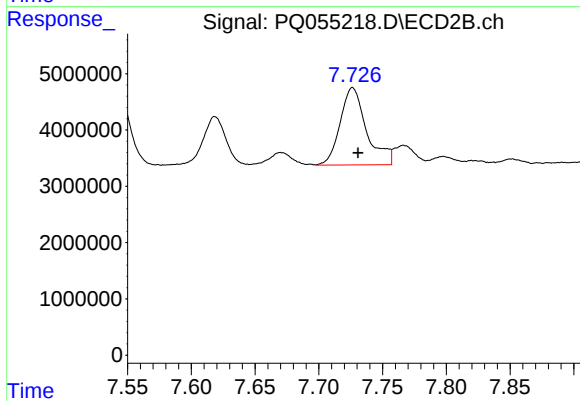
#29 AR-1254-4

R.T.: 7.294 min
Delta R.T.: -0.004 min
Response: 17207725
Conc: 36.06 ng/ml



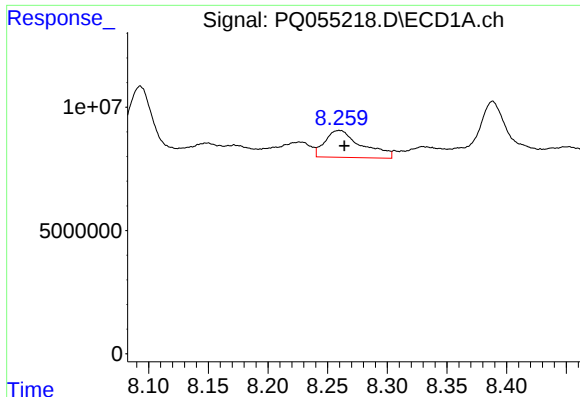
#30 AR-1254-5

R.T.: 8.819 min
Delta R.T.: -0.004 min
Response: 27806975
Conc: 34.25 ng/ml



#30 AR-1254-5

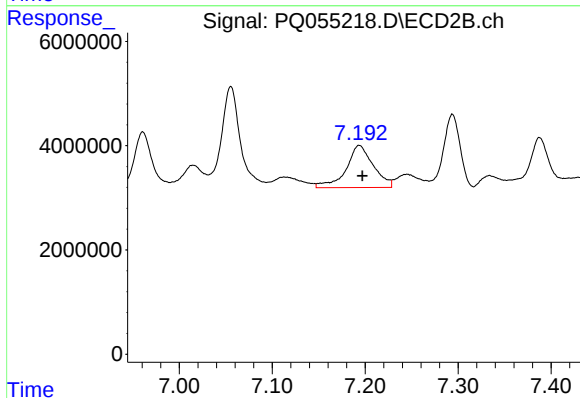
R.T.: 7.726 min
Delta R.T.: -0.004 min
Response: 19808375
Conc: 29.61 ng/ml



#31 AR-1260-1

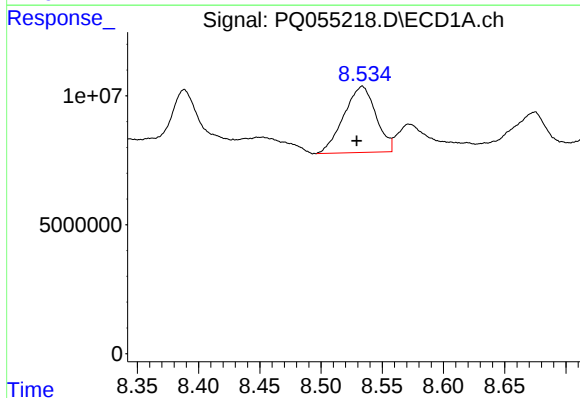
R.T.: 8.260 min
Delta R.T.: -0.004 min
Response: 23337160
Conc: 33.20 ng/ml

Instrument :
ECD_Q
ClientSampleId :



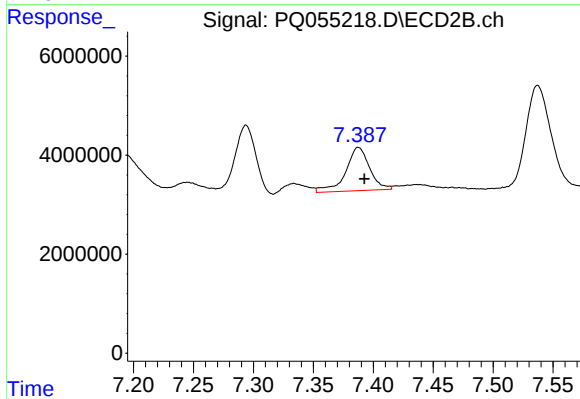
#31 AR-1260-1

R.T.: 7.193 min
Delta R.T.: -0.003 min
Response: 16408948
Conc: 32.74 ng/ml



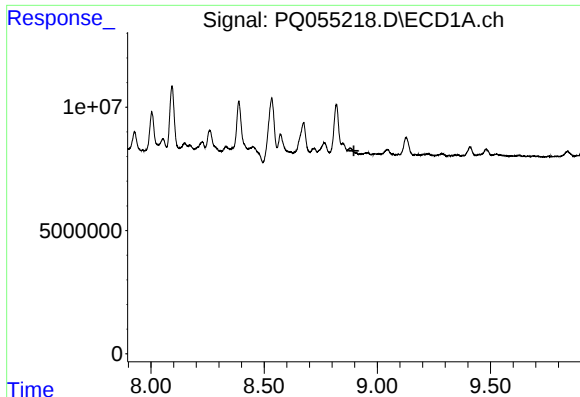
#32 AR-1260-2

R.T.: 8.534 min
Delta R.T.: 0.005 min
Response: 46816515
Conc: 56.42 ng/ml



#32 AR-1260-2

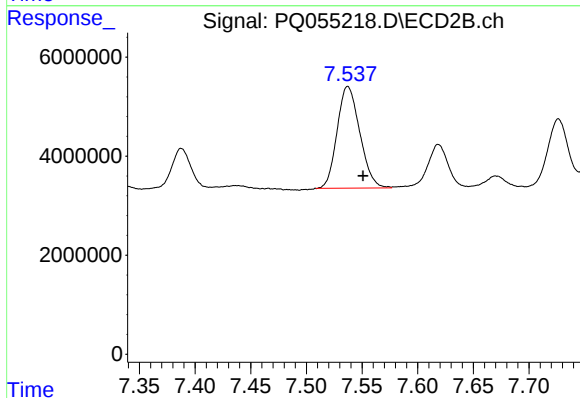
R.T.: 7.387 min
Delta R.T.: -0.005 min
Response: 12168972
Conc: 20.12 ng/ml



#33 AR-1260-3

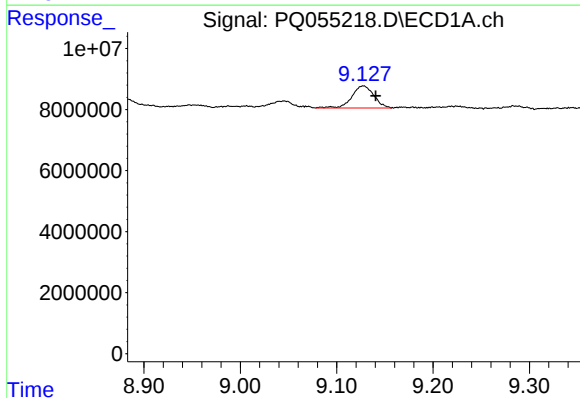
R.T.: 0.000 min
Exp R.T.: 8.897 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



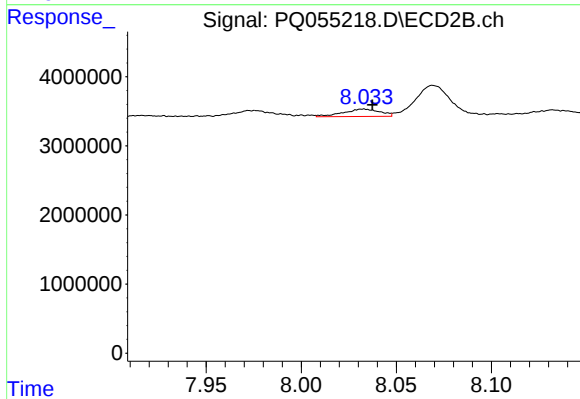
#33 AR-1260-3

R.T.: 7.537 min
Delta R.T.: -0.014 min
Response: 29156383
Conc: 51.05 ng/ml



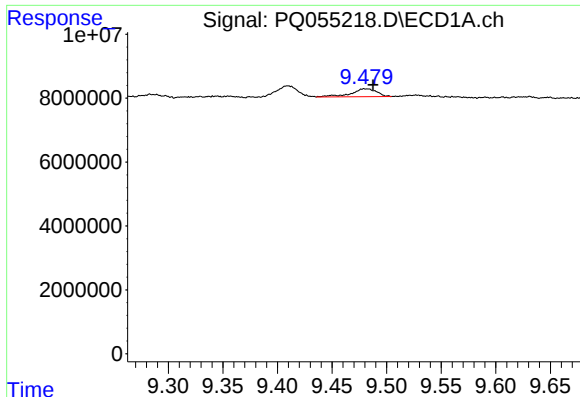
#34 AR-1260-4

R.T.: 9.128 min
Delta R.T.: -0.013 min
Response: 11549536
Conc: 15.15 ng/ml



#34 AR-1260-4

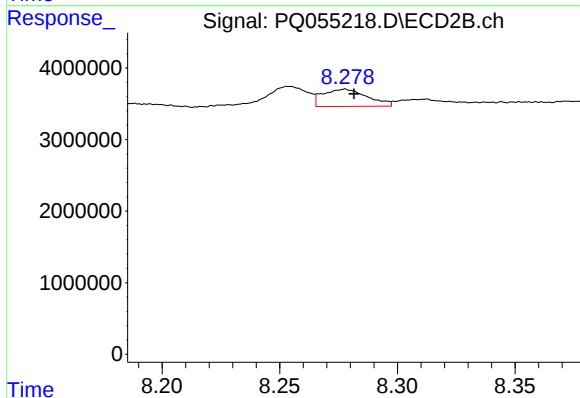
R.T.: 8.033 min
Delta R.T.: -0.004 min
Response: 1453521
Conc: 3.07 ng/ml



#35 AR-1260-5

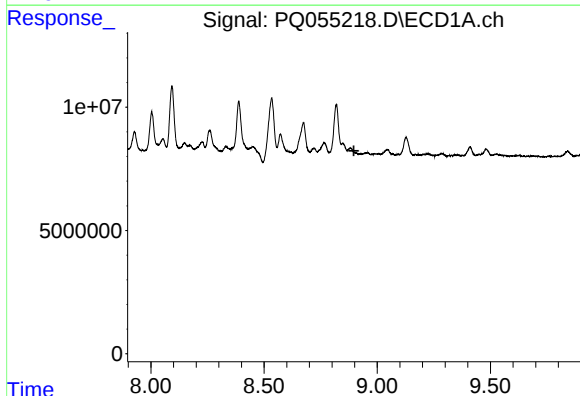
R.T.: 9.480 min
Delta R.T.: -0.008 min
Response: 4036528
Conc: 2.62 ng/ml

Instrument :
ECD_Q
ClientSampleId :



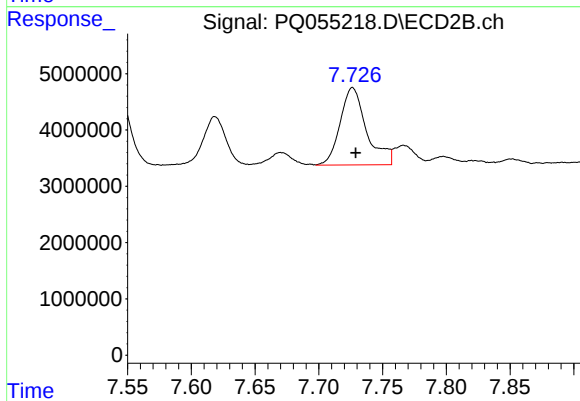
#35 AR-1260-5

R.T.: 8.278 min
Delta R.T.: -0.004 min
Response: 3176630
Conc: 2.75 ng/ml



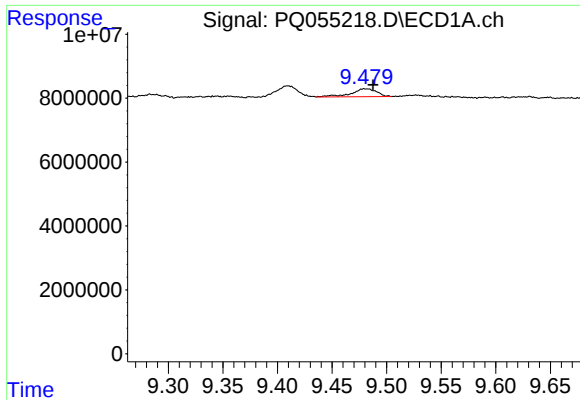
#36 AR-1262-1

R.T.: 0.000 min
Exp R.T. : 8.897 min
Response: 0
Conc: N.D.



#36 AR-1262-1

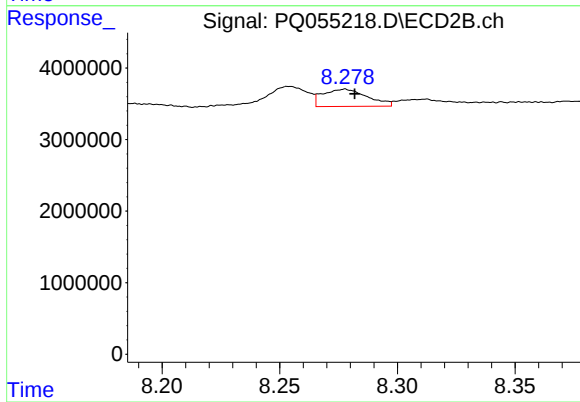
R.T.: 7.726 min
Delta R.T.: -0.002 min
Response: 19808375
Conc: 58.24 ng/ml



#37 AR-1262-2

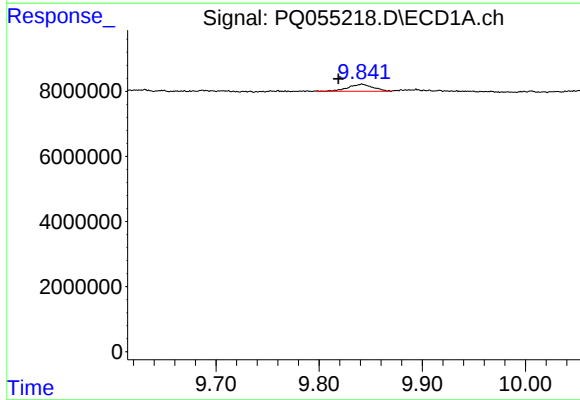
R.T.: 9.480 min
Delta R.T.: -0.008 min
Response: 4036528
Conc: 2.44 ng/ml

Instrument :
ECD_Q
ClientSampleId :



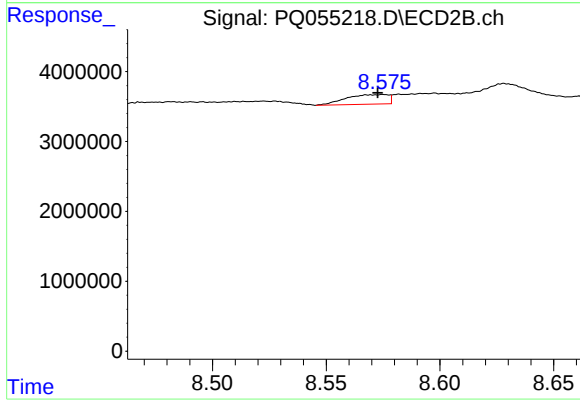
#37 AR-1262-2

R.T.: 8.278 min
Delta R.T.: -0.004 min
Response: 3176630
Conc: 2.58 ng/ml



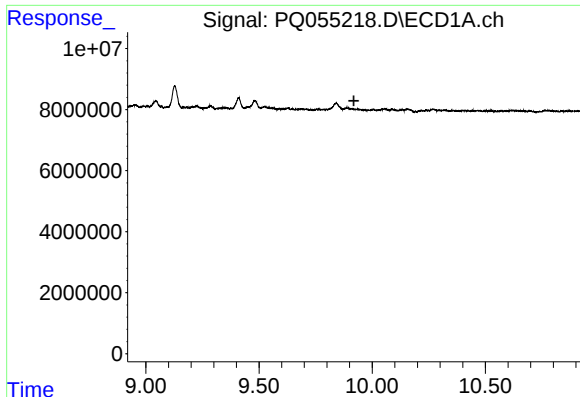
#38 AR-1262-3

R.T.: 9.841 min
Delta R.T.: 0.023 min
Response: 3622391
Conc: 4.50 ng/ml



#38 AR-1262-3

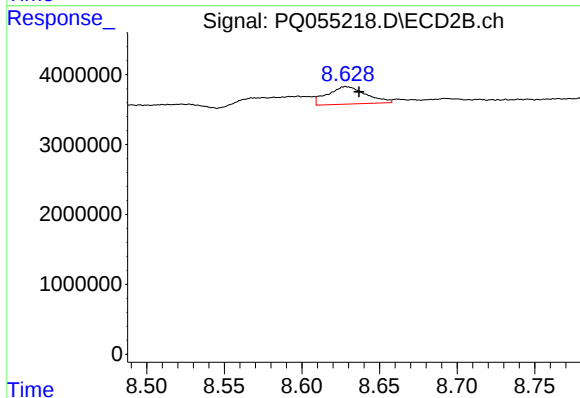
R.T.: 8.575 min
Delta R.T.: 0.003 min
Response: 1761745
Conc: 3.81 ng/ml



#39 AR-1262-4

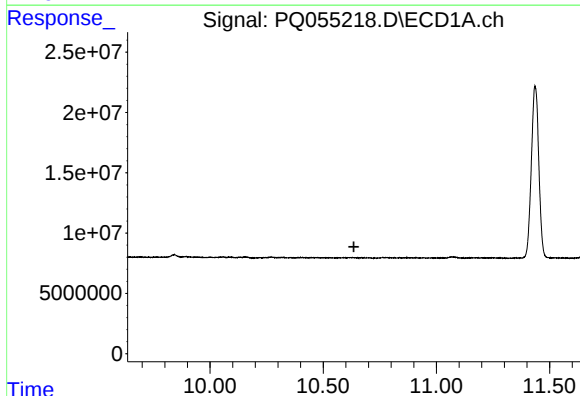
R.T.: 0.000 min
Exp R.T.: 9.919 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



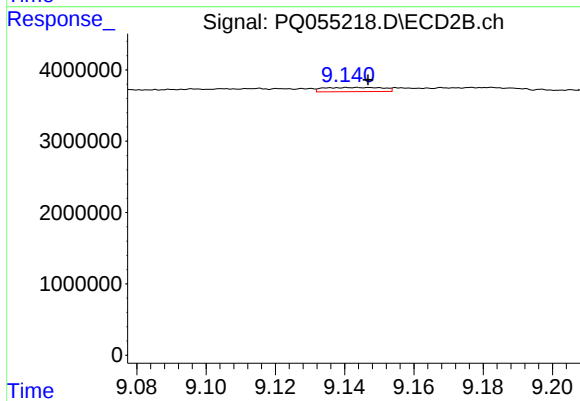
#39 AR-1262-4

R.T.: 8.628 min
Delta R.T.: -0.009 min
Response: 4322513
Conc: 4.84 ng/ml



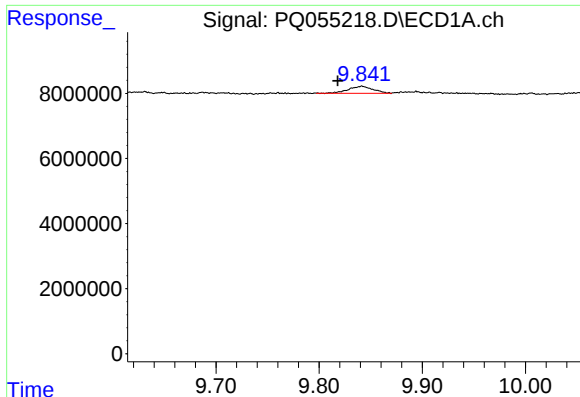
#40 AR-1262-5

R.T.: 0.000 min
Exp R.T.: 10.635 min
Response: 0
Conc: N.D.



#40 AR-1262-5

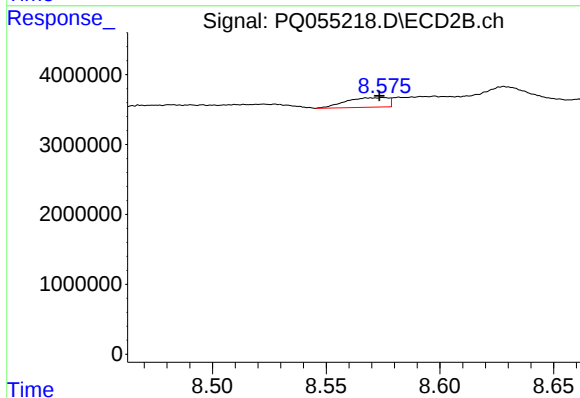
R.T.: 9.144 min
Delta R.T.: -0.003 min
Response: 683707
Conc: 1.70 ng/ml



#41 AR-1268-1

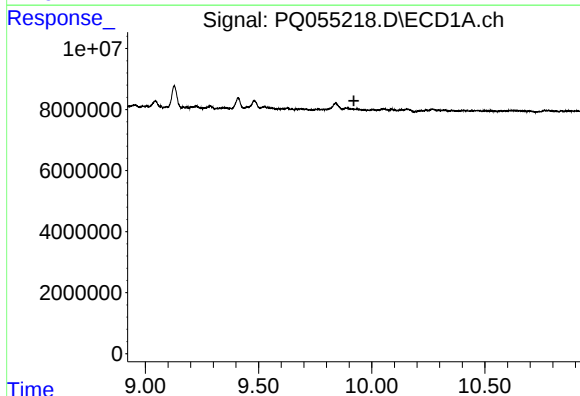
R.T.: 9.841 min
Delta R.T.: 0.023 min
Response: 3622391
Conc: 1.82 ng/ml

Instrument :
ECD_Q
ClientSampleId :



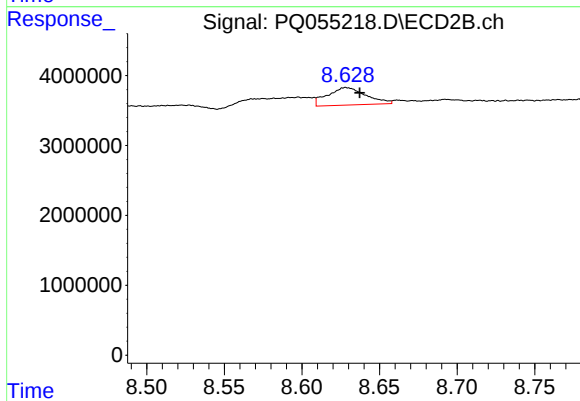
#41 AR-1268-1

R.T.: 8.575 min
Delta R.T.: 0.002 min
Response: 1761745
Conc: 1.25 ng/ml



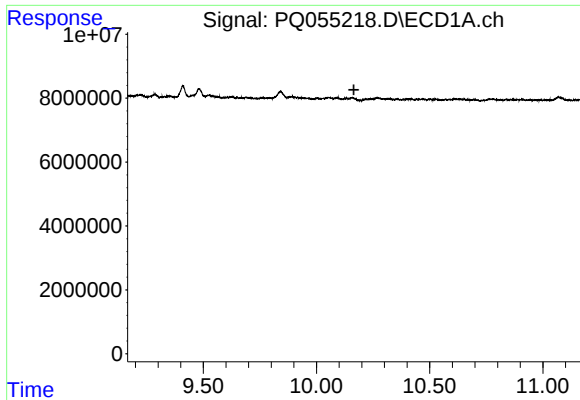
#42 AR-1268-2

R.T.: 0.000 min
Exp R.T. : 9.921 min
Response: 0
Conc: N.D.



#42 AR-1268-2

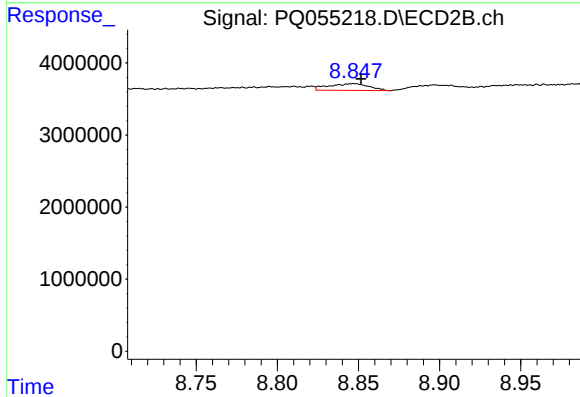
R.T.: 8.628 min
Delta R.T.: -0.009 min
Response: 4322513
Conc: 3.32 ng/ml



#43 AR-1268-3

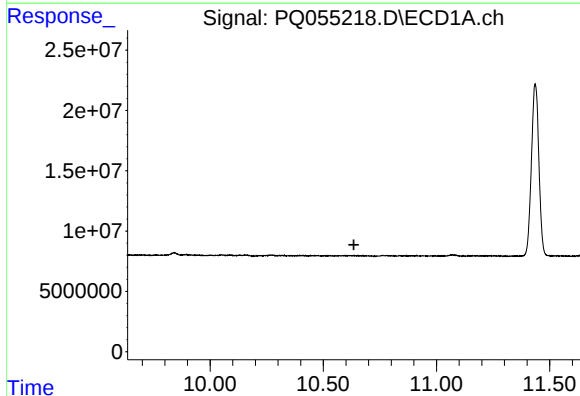
R.T.: 0.000 min
Exp R.T.: 10.165 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



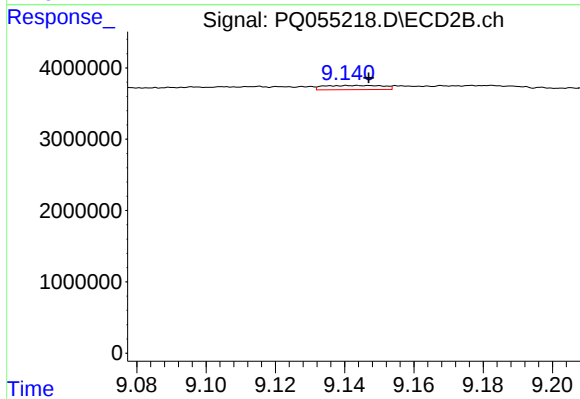
#43 AR-1268-3

R.T.: 8.847 min
Delta R.T.: -0.004 min
Response: 1610223
Conc: 1.47 ng/ml



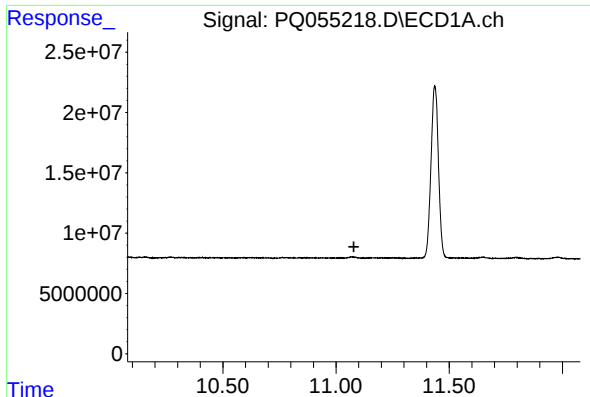
#44 AR-1268-4

R.T.: 0.000 min
Exp R.T.: 10.635 min
Response: 0
Conc: N.D.



#44 AR-1268-4

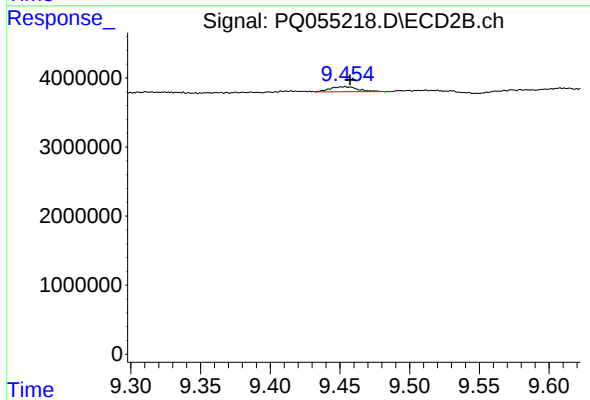
R.T.: 9.144 min
Delta R.T.: -0.003 min
Response: 683707
Conc: 1.51 ng/ml



#45 AR-1268-5

R.T.: 0.000 min
Exp R.T.: 11.079 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



#45 AR-1268-5

R.T.: 9.454 min
Delta R.T.: -0.003 min
Response: 993495
Conc: 0.28 ng/ml