

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ072221\
 Data File : PQ054049.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 22 Jul 2021 19:05
 Operator : AJ\MA
 Sample : M3106-09
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :
 BGD20

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 23 04:22:48 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ070721CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Thu Jul 08 09:32:57 2021
 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...	5.210	4.220	340.1E6	189.5E6	14.254	15.335
2) SA Decachlor...	11.381	9.549	305.6E6	188.4E6	18.439	15.998
Target Compounds						
3) L1 AR-1016-1	6.557	5.498	18764372	24661371	25.173	59.925 #
4) L1 AR-1016-2	6.557	5.498	18764372	24661371	16.398	38.170 #
5) L1 AR-1016-3	6.557f	5.740f	18764372	9374407	26.994	29.147
6) L1 AR-1016-4	0.000	5.740	0	9374407	N.D.	36.482 #
7) L1 AR-1016-5	7.042	5.972	20855085	9362389	38.635	28.808 #
8) L2 AR-1221-1	5.493	0.000	31073581	0	128.137	N.D. #
9) L2 AR-1221-2	5.565	4.574	8543120	2508073	51.531	29.292 #
10) L2 AR-1221-3	5.656	4.732f	8655774	8798796	15.808	28.995 #
11) L3 AR-1232-1	5.656	4.732f	8655774	8798796	19.412	35.982 #
12) L3 AR-1232-2	6.208	5.498	38498033	24661371	157.381	89.198 #
13) L3 AR-1232-3	6.557	5.641f	18764372	1641748	39.491	12.415 #
14) L3 AR-1232-4	0.000	5.784	0	9639060	N.D.	85.715 #
15) L3 AR-1232-5	6.824	5.972	12261071	9362389	73.119	76.764
16) L4 AR-1242-1	6.557	5.498	18764372	24661371	35.714	86.490 #
17) L4 AR-1242-2	6.557	5.498	18764372	24661371	23.622	55.987 #
18) L4 AR-1242-3	6.557f	5.641f	18764372	1641748	38.879	7.302 #
19) L4 AR-1242-4	0.000	5.784	0	9639060	N.D.	44.910 #
20) L4 AR-1242-5	7.511	6.356	40251357	19351627	97.444	66.800 #
21) L5 AR-1248-1	6.557	5.498	18764372	24661371	44.083	105.594 #
22) L5 AR-1248-2	6.824	5.740	12261071	9374407	20.122	27.635 #
23) L5 AR-1248-3	7.042	5.784	20855085	9639060	30.441	27.474
24) L5 AR-1248-4	7.440	5.972	71547084	9362389	92.145	22.404 #
25) L5 AR-1248-5	7.511	6.392	40251357	20992624	52.218	48.346
26) L6 AR-1254-1	7.440	6.356	71547084	19351627	118.650	36.579 #
27) L6 AR-1254-2	7.671	6.508	59456999	31312926	64.496	66.819
28) L6 AR-1254-3	8.055	6.928	35083361	42184127	35.342	56.756 #
29) L6 AR-1254-4	8.346	7.165	35938221	10436272	49.652	20.584 #
30) L6 AR-1254-5	8.773	7.594	18011871	9861455	23.968	14.523 #
31) L7 AR-1260-1	8.216	7.064	39578197	19855989	44.602	30.521 #
32) L7 AR-1260-2	8.480	7.260	38197301	11611249	35.101	12.835 #
33) L7 AR-1260-3	8.773	7.415	18011871	-446587	14.399	N.D. #
34) L7 AR-1260-4	9.084	0.000	9230989	0	10.097	N.D. #
35) L7 AR-1260-5	0.000	8.146	0	3721986	N.D.	2.081 #
36) L8 AR-1262-1	0.000	7.594	0	9861455	N.D.	17.601 #
37) L8 AR-1262-2	0.000	8.146	0	3721986	N.D.	1.600 #
38) L8 AR-1262-3	0.000	8.464	0	1585861	N.D.	1.700 #
39) L8 AR-1262-4	0.000	8.464	0	1585861	N.D.	1.002 #
40) L8 AR-1262-5	10.615f	0.000	27315383	0	31.874	N.D. #
41) L9 AR-1268-1	0.000	8.464	0	1585861	N.D.	0.499 #
42) L9 AR-1268-2	0.000	8.464	0	1585861	N.D.	0.584 #

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 Data File : PQ054049.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 22 Jul 2021 19:05
 Operator : AJ\MA
 Sample : M3106-09
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

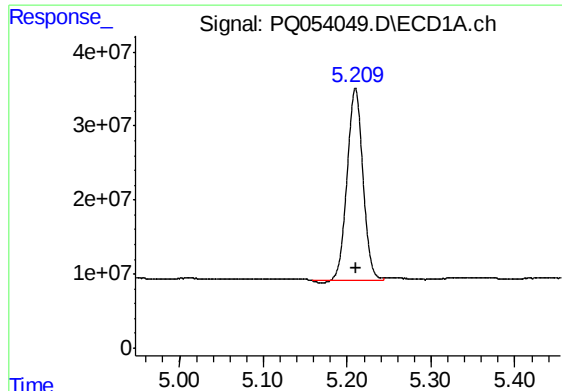
Instrument :
 ECD_Q
 ClientSampleId :
 BGD20

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 23 04:22:48 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ070721CLP.M
 Quant Title : GC EXTRACTABLES
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 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	
43)	L9 AR-1268-3	10.044f	0.000	34753336	0	14.085	N.D.	#
44)	L9 AR-1268-4	10.615f	0.000	27315383	0	25.233	N.D.	#

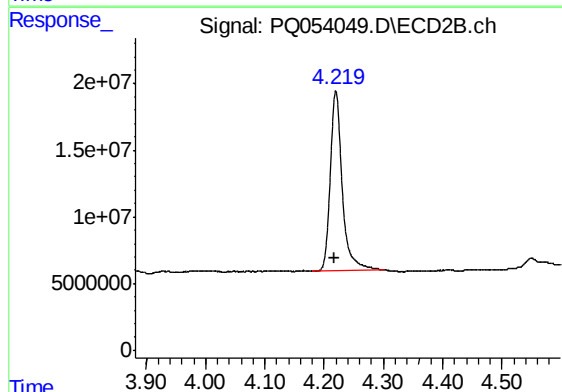
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

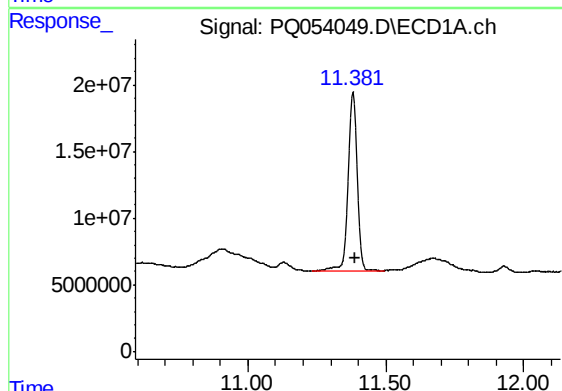
R.T.: 5.210 min
Delta R.T.: 0.000 min
Response: 340120153
Conc: 14.25 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BGD20



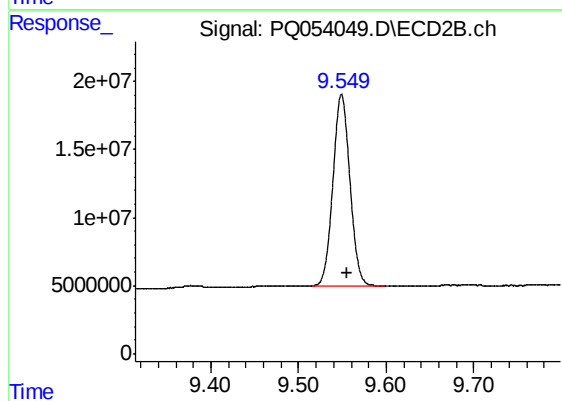
#1 Tetrachloro-m-xylene

R.T.: 4.220 min
Delta R.T.: 0.002 min
Response: 189479314
Conc: 15.33 ng/ml



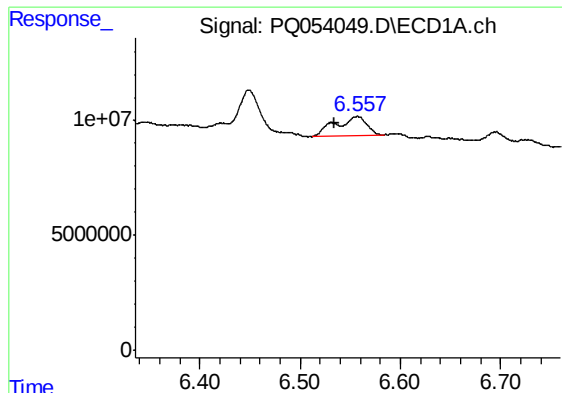
#2 Decachlorobiphenyl

R.T.: 11.381 min
Delta R.T.: -0.007 min
Response: 305644497
Conc: 18.44 ng/ml



#2 Decachlorobiphenyl

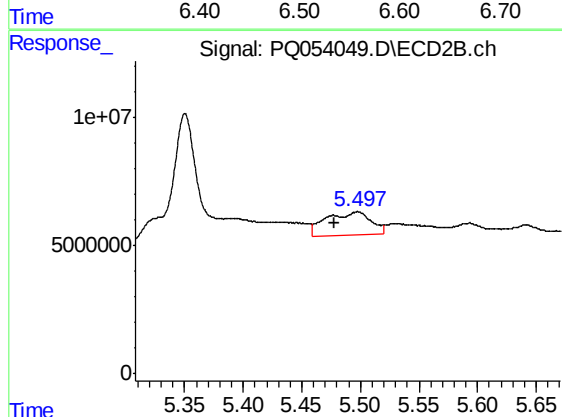
R.T.: 9.549 min
Delta R.T.: -0.007 min
Response: 188430551
Conc: 16.00 ng/ml



#3 AR-1016-1

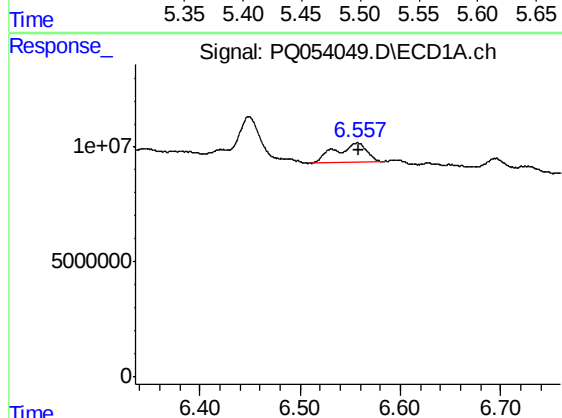
R.T.: 6.557 min
Delta R.T.: 0.022 min
Response: 18764372
Conc: 25.17 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BGD20



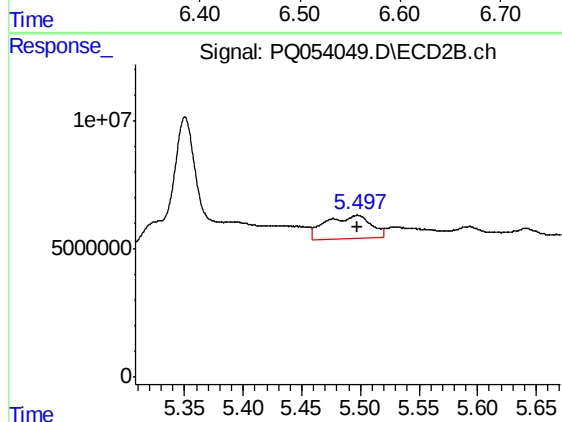
#3 AR-1016-1

R.T.: 5.498 min
Delta R.T.: 0.020 min
Response: 24661371
Conc: 59.93 ng/ml



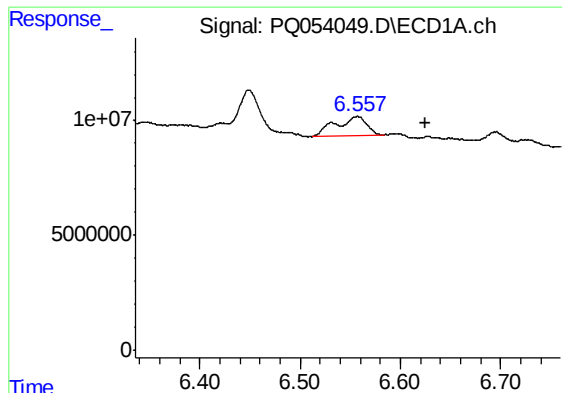
#4 AR-1016-2

R.T.: 6.557 min
Delta R.T.: -0.002 min
Response: 18764372
Conc: 16.40 ng/ml



#4 AR-1016-2

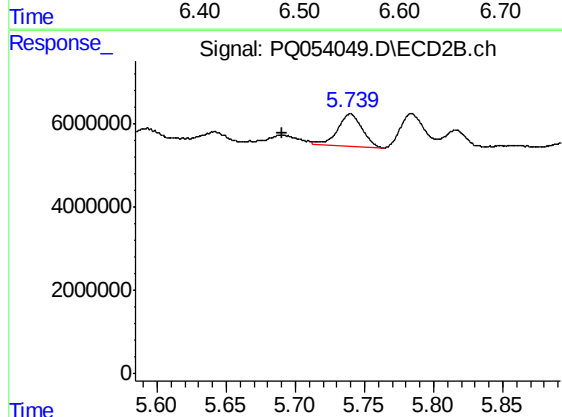
R.T.: 5.498 min
Delta R.T.: 0.000 min
Response: 24661371
Conc: 38.17 ng/ml



#5 AR-1016-3

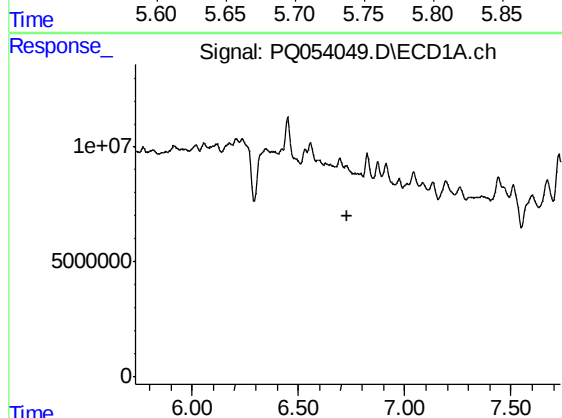
R.T.: 6.557 min
Delta R.T.: -0.068 min
Response: 18764372
Conc: 26.99 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BGD20



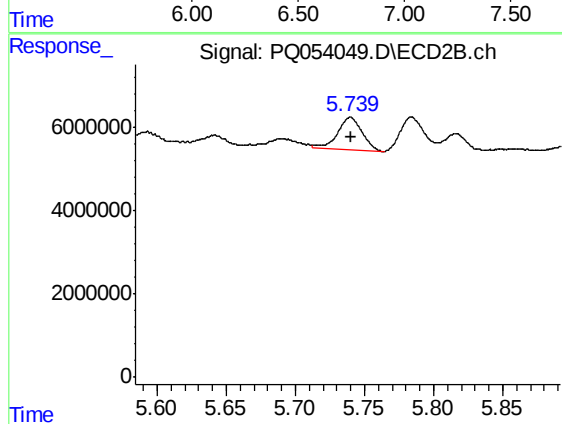
#5 AR-1016-3

R.T.: 5.740 min
Delta R.T.: 0.049 min
Response: 9374407
Conc: 29.15 ng/ml



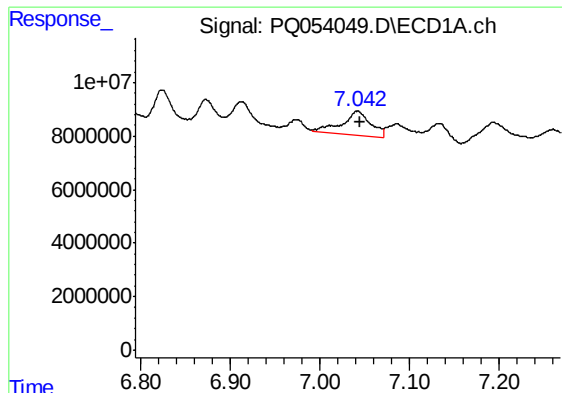
#6 AR-1016-4

R.T.: 0.000 min
Exp R.T. : 6.733 min
Response: 0
Conc: N.D.



#6 AR-1016-4

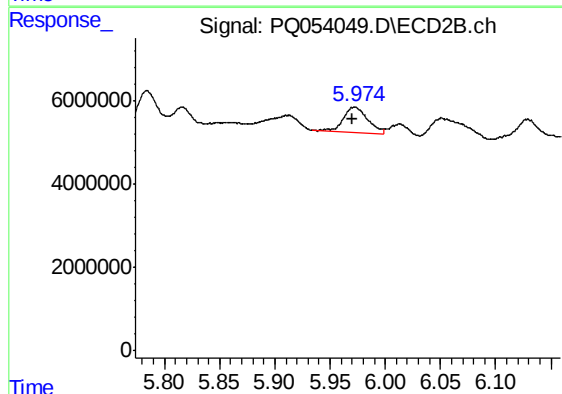
R.T.: 5.740 min
Delta R.T.: 0.000 min
Response: 9374407
Conc: 36.48 ng/ml



#7 AR-1016-5

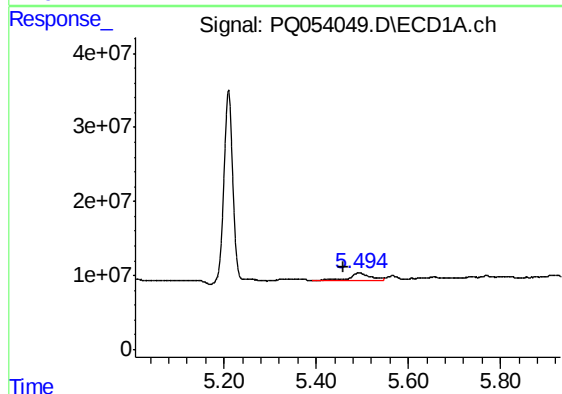
R.T.: 7.042 min
Delta R.T.: -0.003 min
Response: 20855085
Conc: 38.63 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BGD20



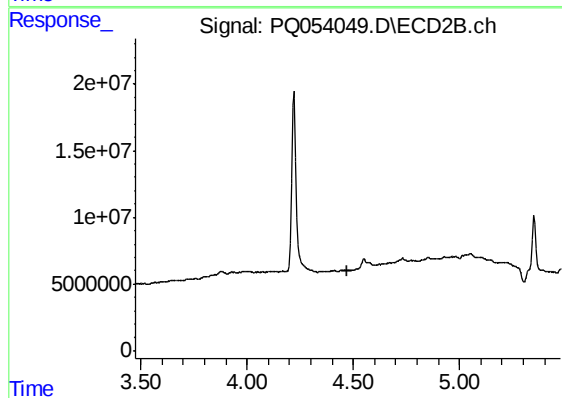
#7 AR-1016-5

R.T.: 5.972 min
Delta R.T.: 0.001 min
Response: 9362389
Conc: 28.81 ng/ml



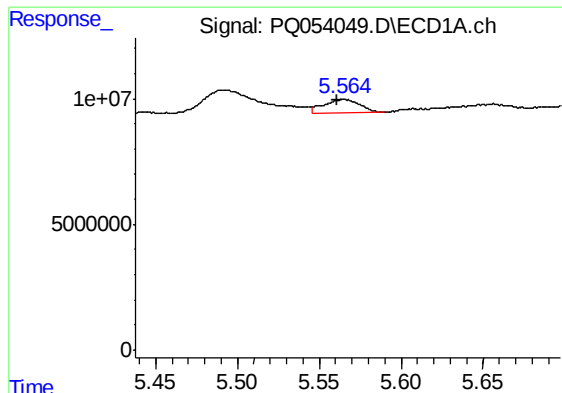
#8 AR-1221-1

R.T.: 5.493 min
Delta R.T.: 0.032 min
Response: 31073581
Conc: 128.14 ng/ml



#8 AR-1221-1

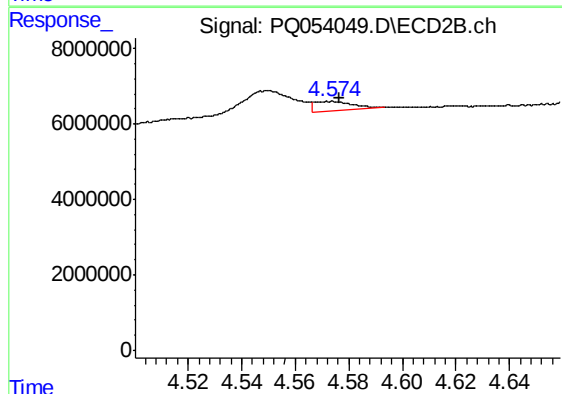
R.T.: 0.000 min
Exp R.T. : 4.475 min
Response: 0
Conc: N.D.



#9 AR-1221-2

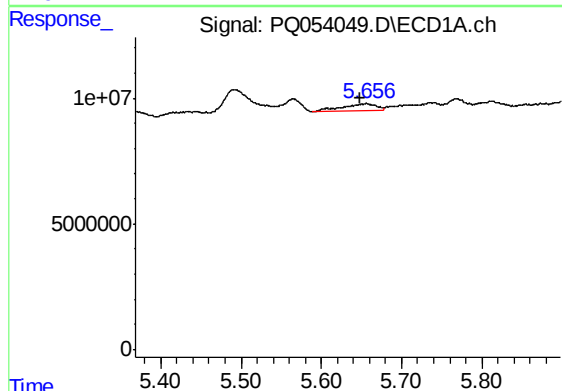
R.T.: 5.565 min
Delta R.T.: 0.004 min
Response: 8543120
Conc: 51.53 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BGD20



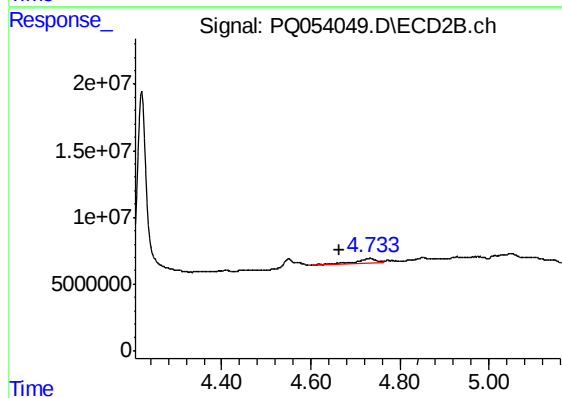
#9 AR-1221-2

R.T.: 4.574 min
Delta R.T.: -0.003 min
Response: 2508073
Conc: 29.29 ng/ml



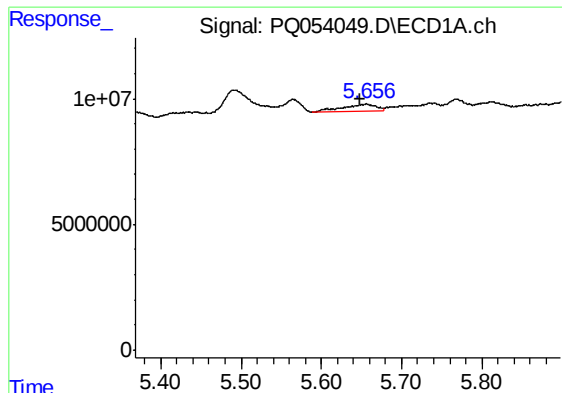
#10 AR-1221-3

R.T.: 5.656 min
Delta R.T.: 0.007 min
Response: 8655774
Conc: 15.81 ng/ml



#10 AR-1221-3

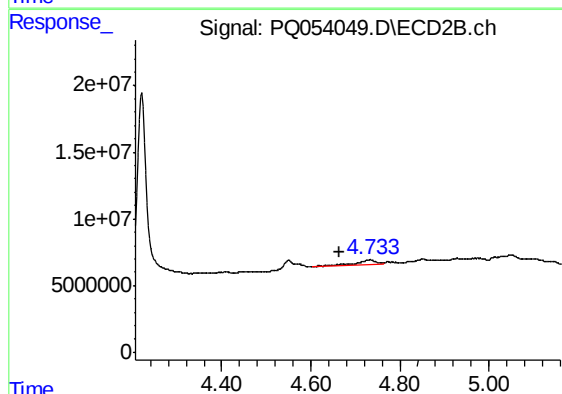
R.T.: 4.732 min
Delta R.T.: 0.068 min
Response: 8798796
Conc: 28.99 ng/ml



#11 AR-1232-1

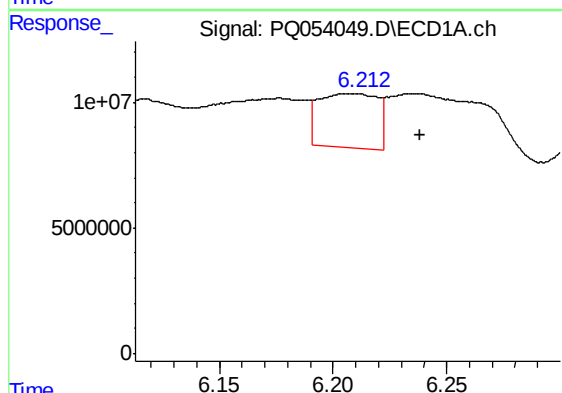
R.T.: 5.656 min
Delta R.T.: 0.008 min
Response: 8655774
Conc: 19.41 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BGD20



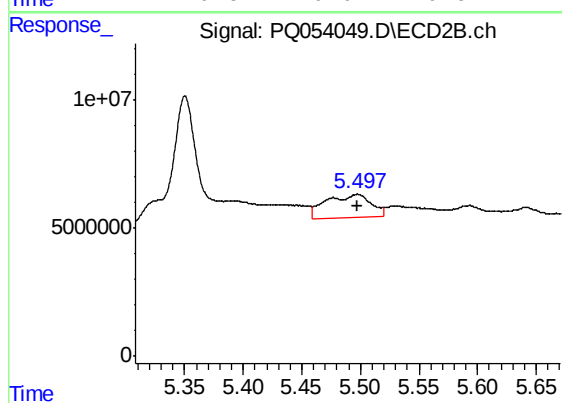
#11 AR-1232-1

R.T.: 4.732 min
Delta R.T.: 0.068 min
Response: 8798796
Conc: 35.98 ng/ml



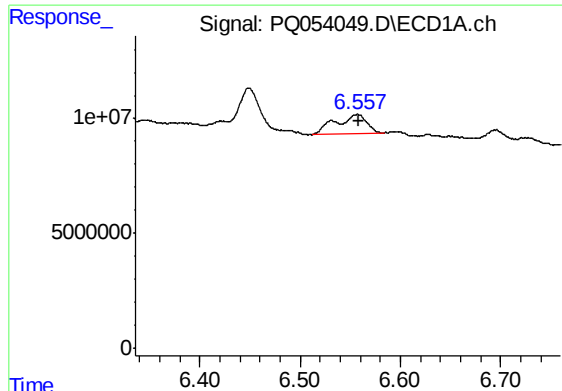
#12 AR-1232-2

R.T.: 6.208 min
Delta R.T.: -0.030 min
Response: 38498033
Conc: 157.38 ng/ml



#12 AR-1232-2

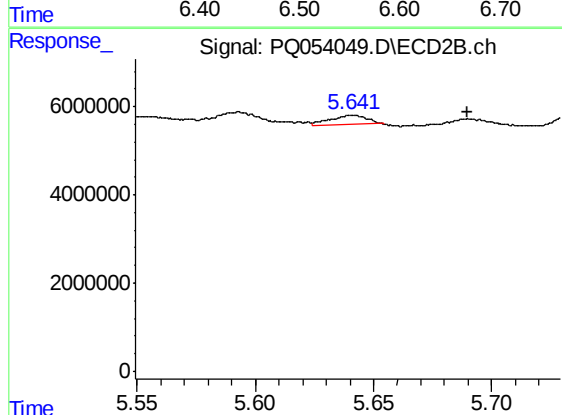
R.T.: 5.498 min
Delta R.T.: 0.000 min
Response: 24661371
Conc: 89.20 ng/ml



#13 AR-1232-3

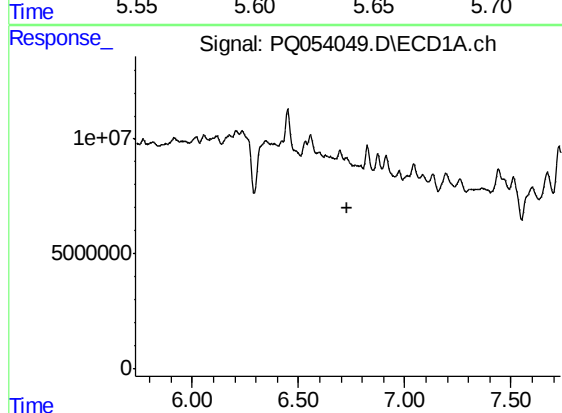
R.T.: 6.557 min
Delta R.T.: -0.001 min
Response: 18764372
Conc: 39.49 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BGD20



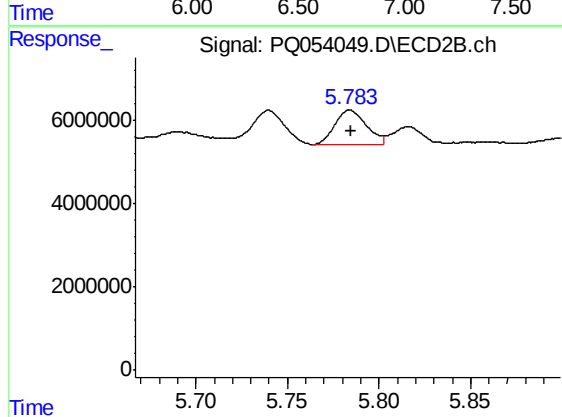
#13 AR-1232-3

R.T.: 5.641 min
Delta R.T.: -0.049 min
Response: 1641748
Conc: 12.41 ng/ml



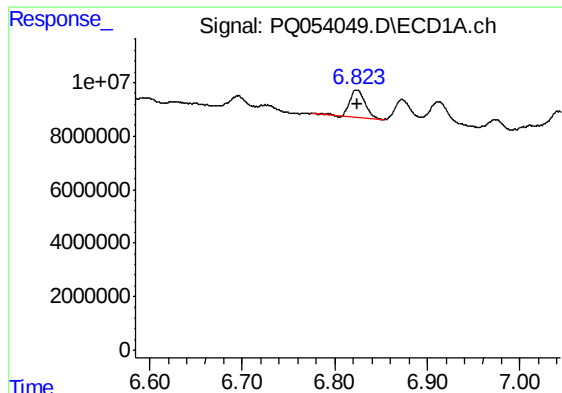
#14 AR-1232-4

R.T.: 0.000 min
Exp R.T. : 6.733 min
Response: 0
Conc: N.D.



#14 AR-1232-4

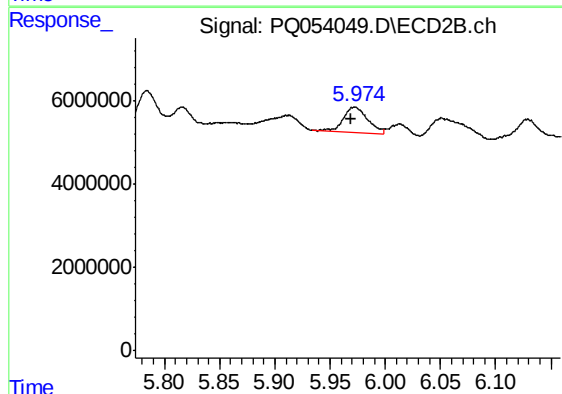
R.T.: 5.784 min
Delta R.T.: 0.000 min
Response: 9639060
Conc: 85.72 ng/ml



#15 AR-1232-5

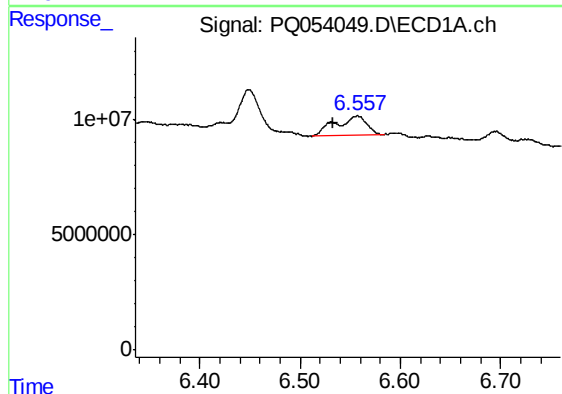
R.T.: 6.824 min
Delta R.T.: 0.000 min
Response: 12261071
Conc: 73.12 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BGD20



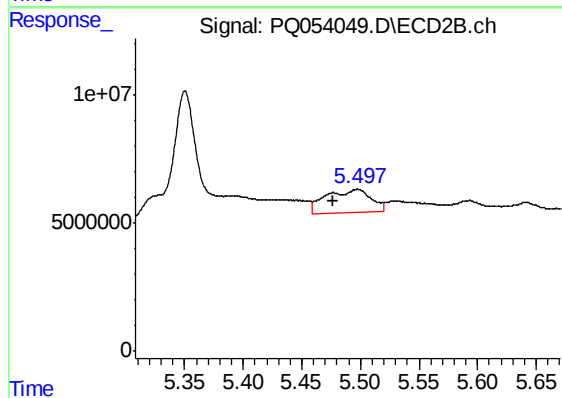
#15 AR-1232-5

R.T.: 5.972 min
Delta R.T.: 0.002 min
Response: 9362389
Conc: 76.76 ng/ml



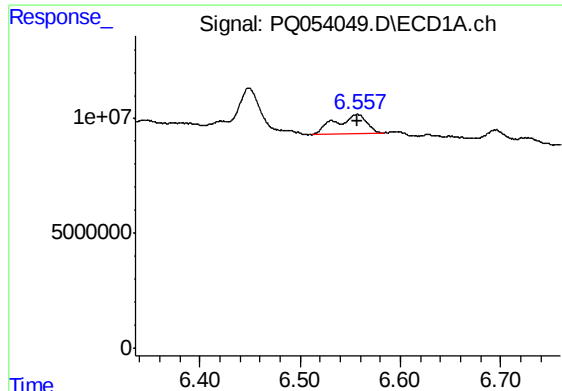
#16 AR-1242-1

R.T.: 6.557 min
Delta R.T.: 0.024 min
Response: 18764372
Conc: 35.71 ng/ml



#16 AR-1242-1

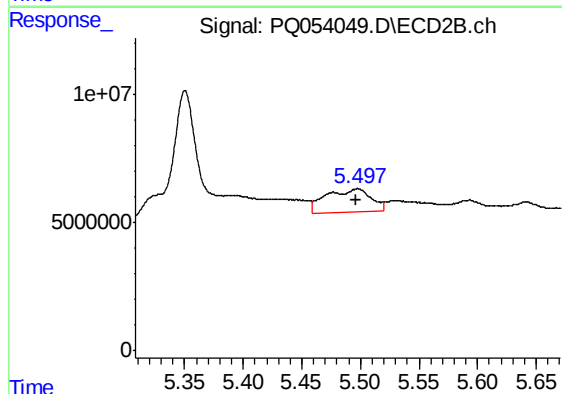
R.T.: 5.498 min
Delta R.T.: 0.021 min
Response: 24661371
Conc: 86.49 ng/ml



#17 AR-1242-2

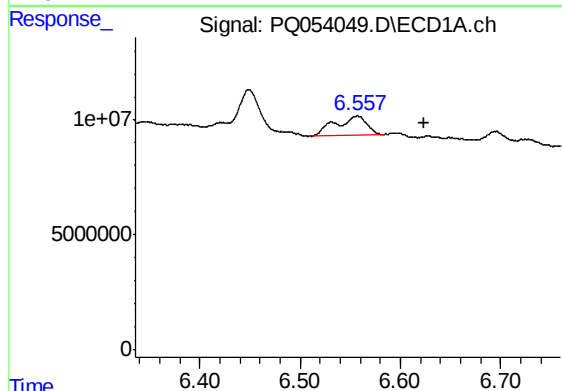
R.T.: 6.557 min
Delta R.T.: 0.000 min
Response: 18764372
Conc: 23.62 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BGD20



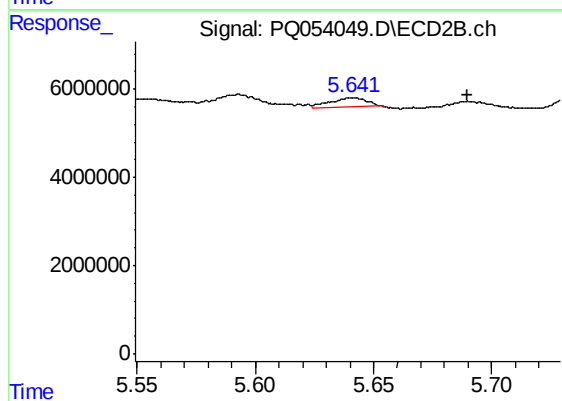
#17 AR-1242-2

R.T.: 5.498 min
Delta R.T.: 0.000 min
Response: 24661371
Conc: 55.99 ng/ml



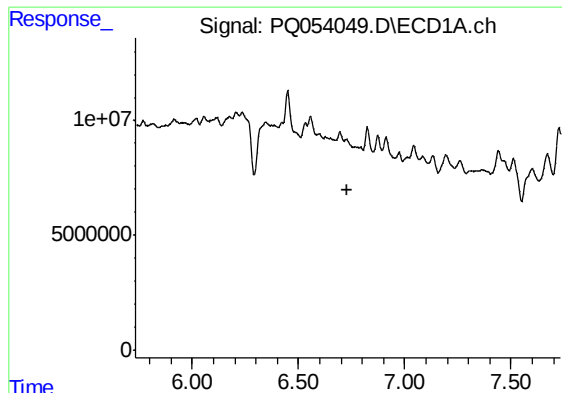
#18 AR-1242-3

R.T.: 6.557 min
Delta R.T.: -0.067 min
Response: 18764372
Conc: 38.88 ng/ml



#18 AR-1242-3

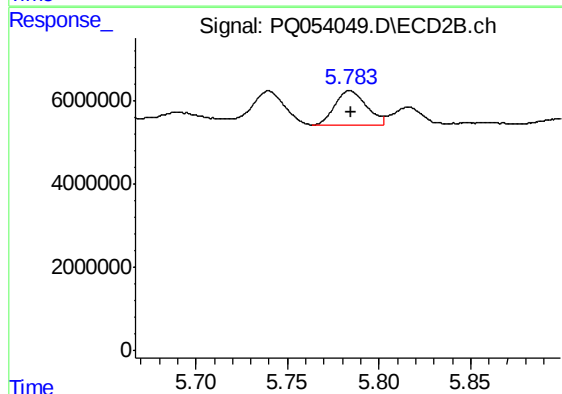
R.T.: 5.641 min
Delta R.T.: -0.049 min
Response: 1641748
Conc: 7.30 ng/ml



#19 AR-1242-4

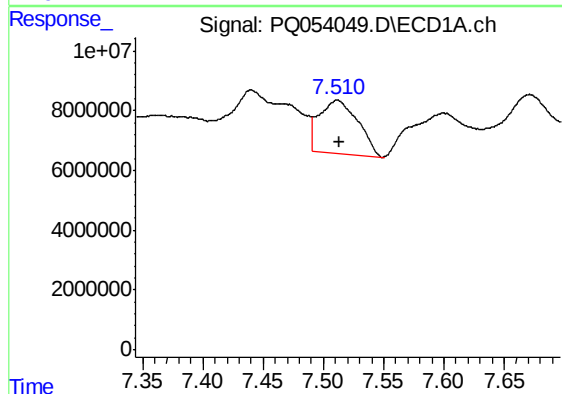
R.T.: 0.000 min
Exp R.T.: 6.733 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
BGD20



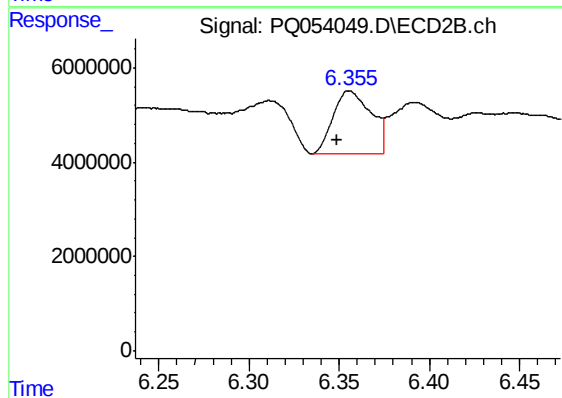
#19 AR-1242-4

R.T.: 5.784 min
Delta R.T.: 0.000 min
Response: 9639060
Conc: 44.91 ng/ml



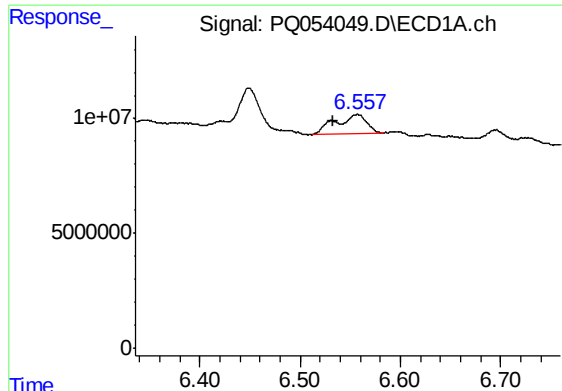
#20 AR-1242-5

R.T.: 7.511 min
Delta R.T.: -0.002 min
Response: 40251357
Conc: 97.44 ng/ml



#20 AR-1242-5

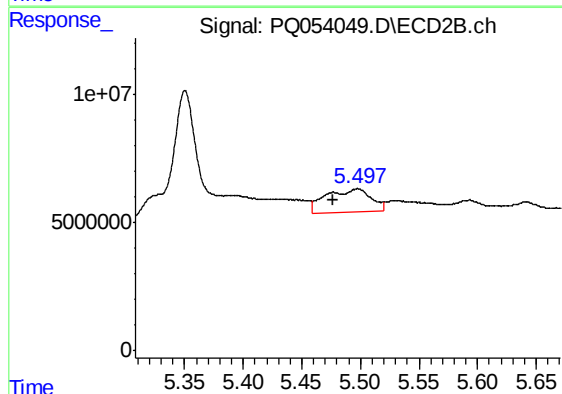
R.T.: 6.356 min
Delta R.T.: 0.007 min
Response: 19351627
Conc: 66.80 ng/ml



#21 AR-1248-1

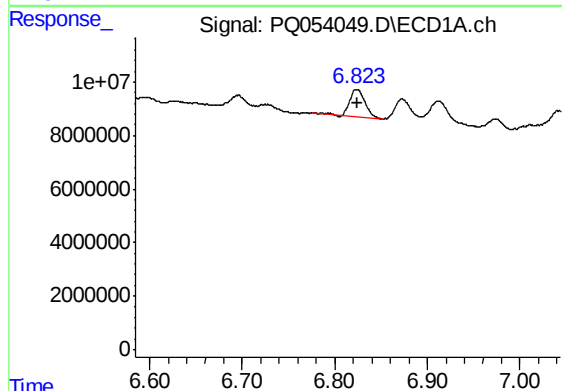
R.T.: 6.557 min
Delta R.T.: 0.024 min
Response: 18764372
Conc: 44.08 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BGD20



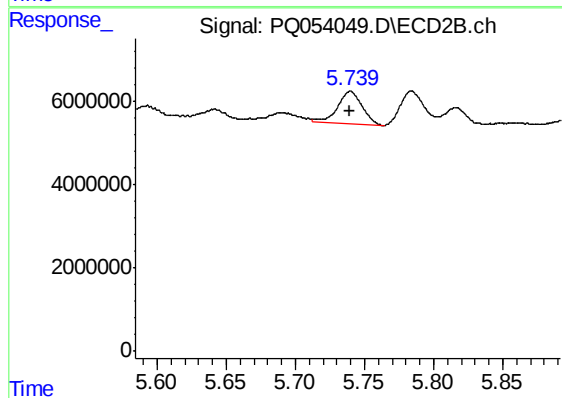
#21 AR-1248-1

R.T.: 5.498 min
Delta R.T.: 0.021 min
Response: 24661371
Conc: 105.59 ng/ml



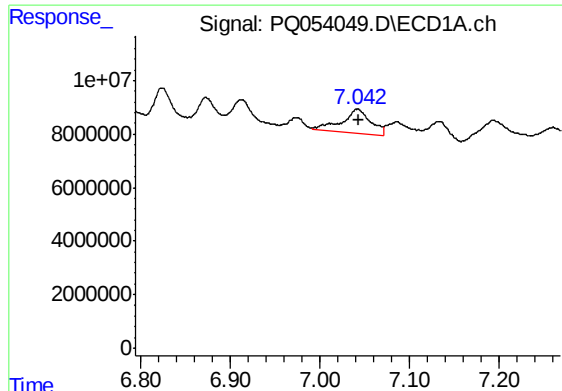
#22 AR-1248-2

R.T.: 6.824 min
Delta R.T.: 0.000 min
Response: 12261071
Conc: 20.12 ng/ml



#22 AR-1248-2

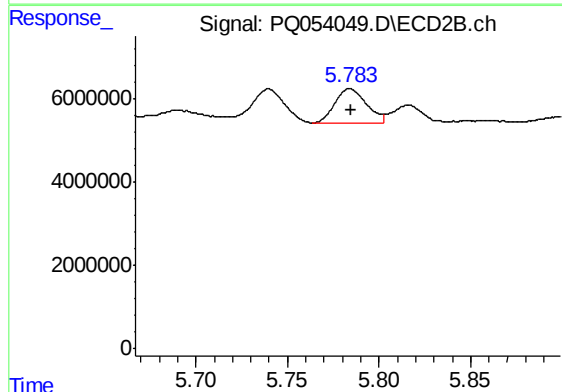
R.T.: 5.740 min
Delta R.T.: 0.000 min
Response: 9374407
Conc: 27.63 ng/ml



#23 AR-1248-3

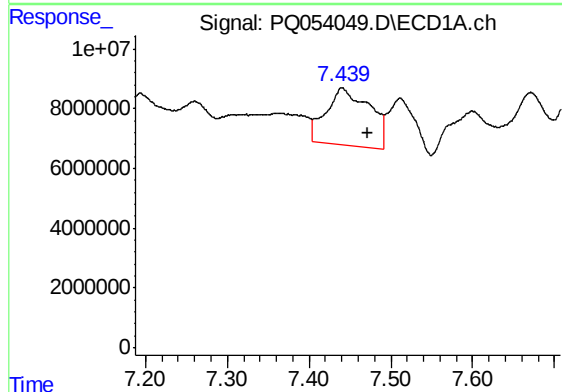
R.T.: 7.042 min
Delta R.T.: -0.002 min
Response: 20855085
Conc: 30.44 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BGD20



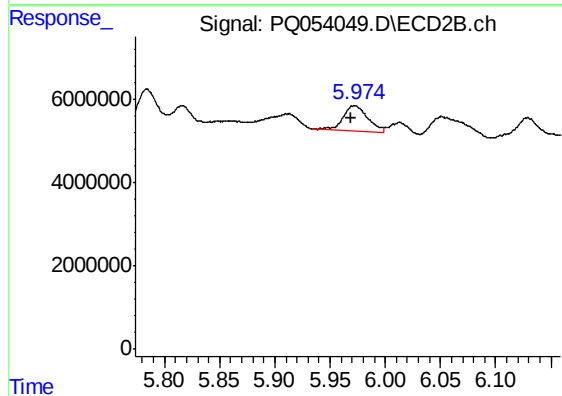
#23 AR-1248-3

R.T.: 5.784 min
Delta R.T.: 0.000 min
Response: 9639060
Conc: 27.47 ng/ml



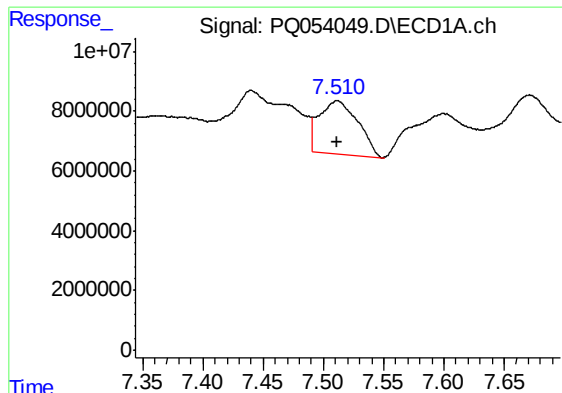
#24 AR-1248-4

R.T.: 7.440 min
Delta R.T.: -0.031 min
Response: 71547084
Conc: 92.15 ng/ml



#24 AR-1248-4

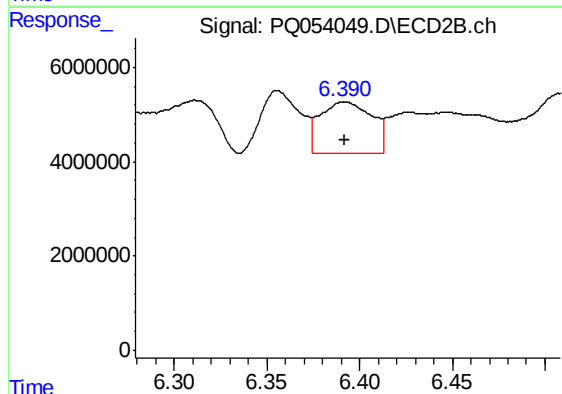
R.T.: 5.972 min
Delta R.T.: 0.002 min
Response: 9362389
Conc: 22.40 ng/ml



#25 AR-1248-5

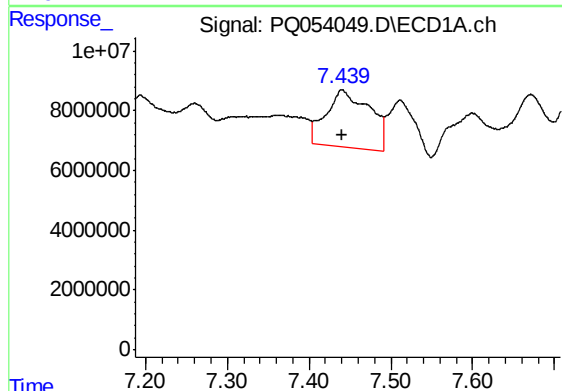
R.T.: 7.511 min
Delta R.T.: 0.000 min
Response: 40251357
Conc: 52.22 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BGD20



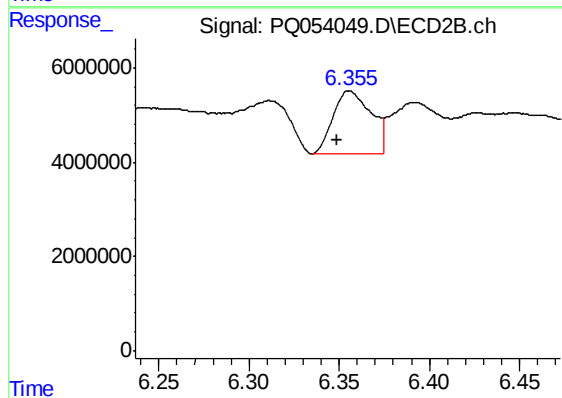
#25 AR-1248-5

R.T.: 6.392 min
Delta R.T.: 0.000 min
Response: 20992624
Conc: 48.35 ng/ml



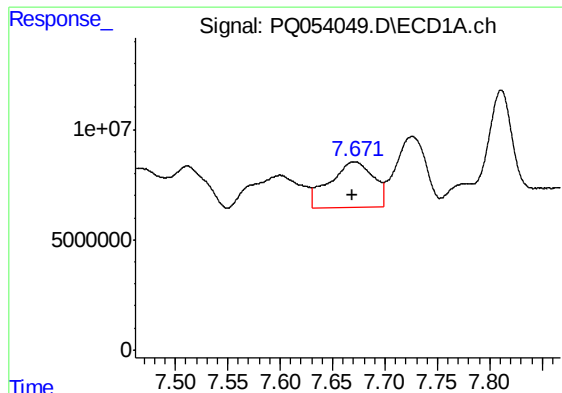
#26 AR-1254-1

R.T.: 7.440 min
Delta R.T.: 0.000 min
Response: 71547084
Conc: 118.65 ng/ml



#26 AR-1254-1

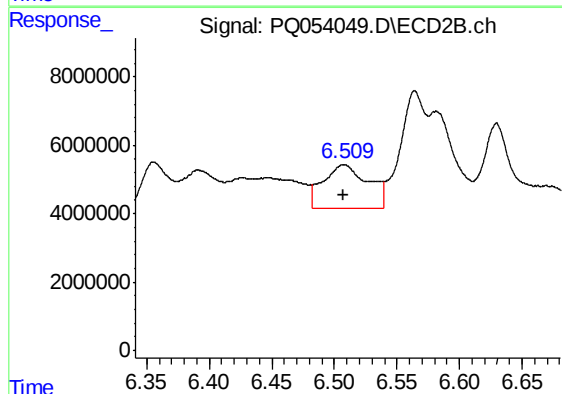
R.T.: 6.356 min
Delta R.T.: 0.007 min
Response: 19351627
Conc: 36.58 ng/ml



#27 AR-1254-2

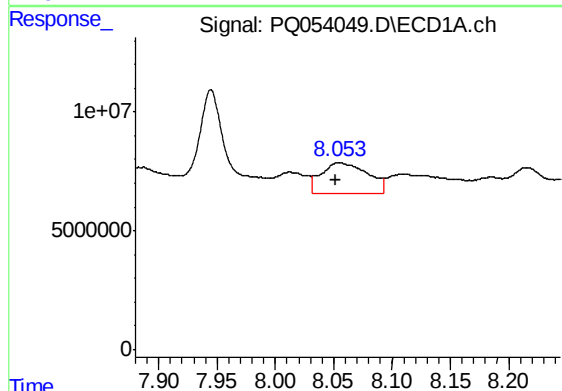
R.T.: 7.671 min
Delta R.T.: 0.002 min
Response: 59456999
Conc: 64.50 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BGD20



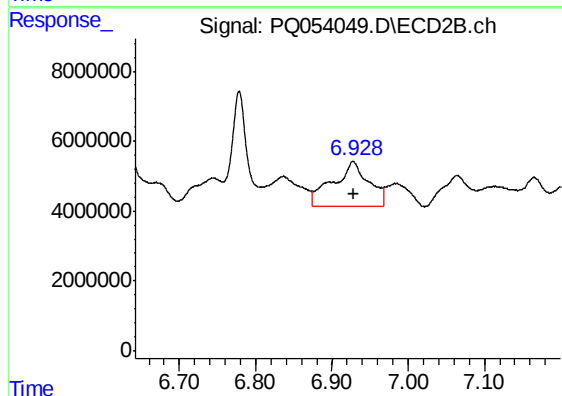
#27 AR-1254-2

R.T.: 6.508 min
Delta R.T.: 0.000 min
Response: 31312926
Conc: 66.82 ng/ml



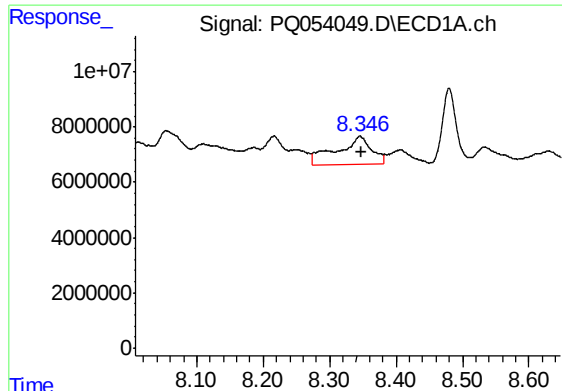
#28 AR-1254-3

R.T.: 8.055 min
Delta R.T.: 0.002 min
Response: 35083361
Conc: 35.34 ng/ml



#28 AR-1254-3

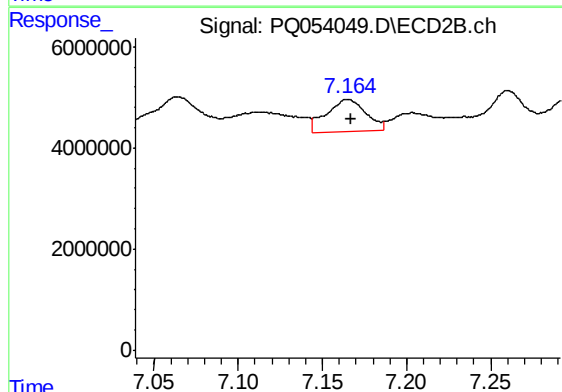
R.T.: 6.928 min
Delta R.T.: 0.000 min
Response: 42184127
Conc: 56.76 ng/ml



#29 AR-1254-4

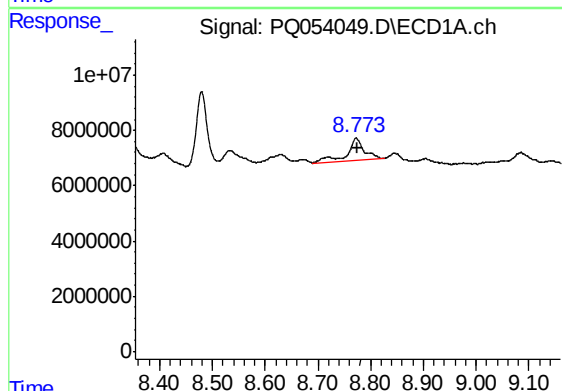
R.T.: 8.346 min
Delta R.T.: -0.002 min
Response: 35938221
Conc: 49.65 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BGD20



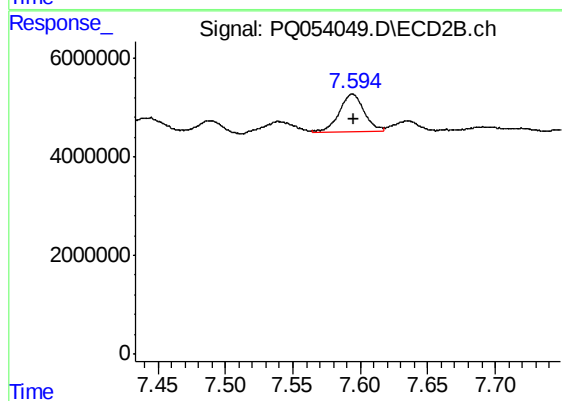
#29 AR-1254-4

R.T.: 7.165 min
Delta R.T.: -0.002 min
Response: 10436272
Conc: 20.58 ng/ml



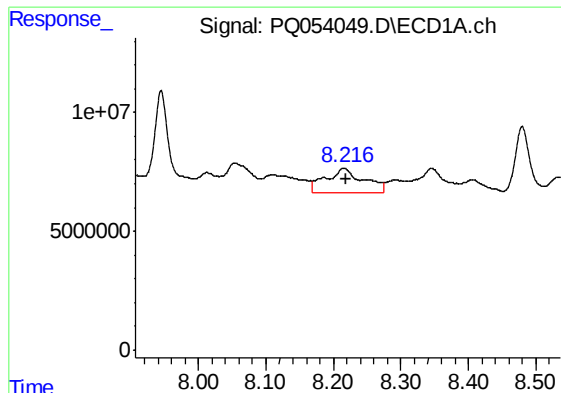
#30 AR-1254-5

R.T.: 8.773 min
Delta R.T.: -0.001 min
Response: 18011871
Conc: 23.97 ng/ml



#30 AR-1254-5

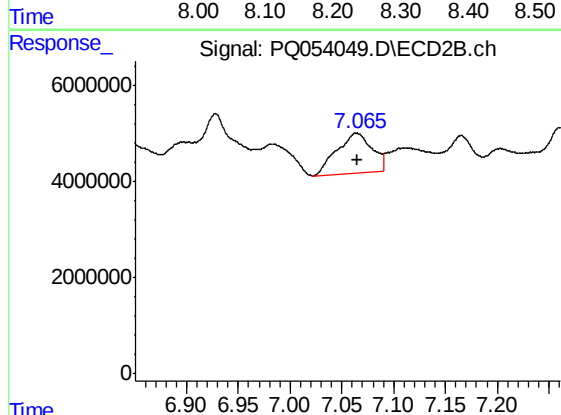
R.T.: 7.594 min
Delta R.T.: -0.001 min
Response: 9861455
Conc: 14.52 ng/ml



#31 AR-1260-1

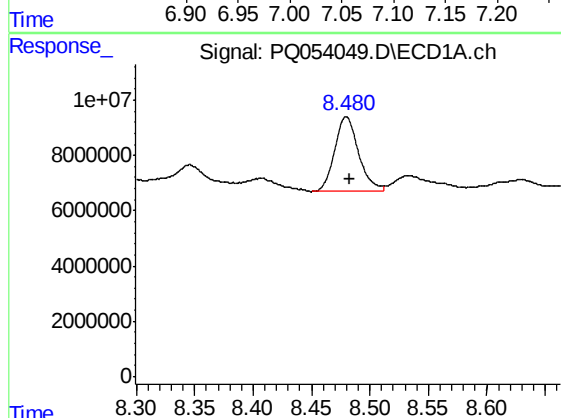
R.T.: 8.216 min
Delta R.T.: -0.004 min
Response: 39578197
Conc: 44.60 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BGD20



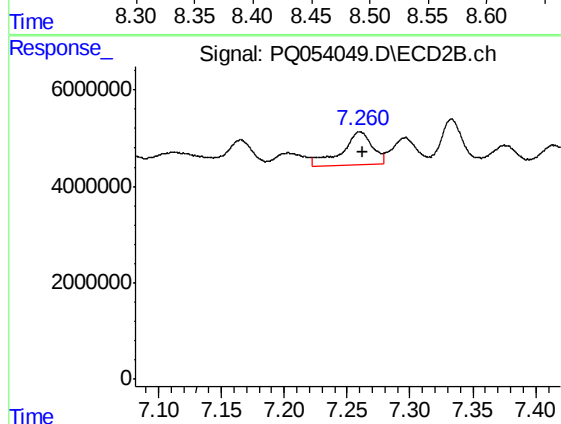
#31 AR-1260-1

R.T.: 7.064 min
Delta R.T.: 0.000 min
Response: 19855989
Conc: 30.52 ng/ml



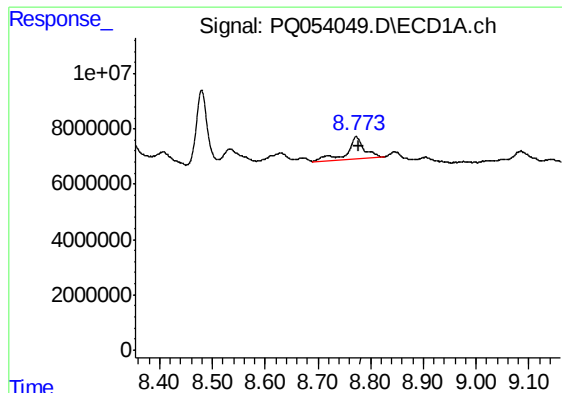
#32 AR-1260-2

R.T.: 8.480 min
Delta R.T.: -0.003 min
Response: 38197301
Conc: 35.10 ng/ml



#32 AR-1260-2

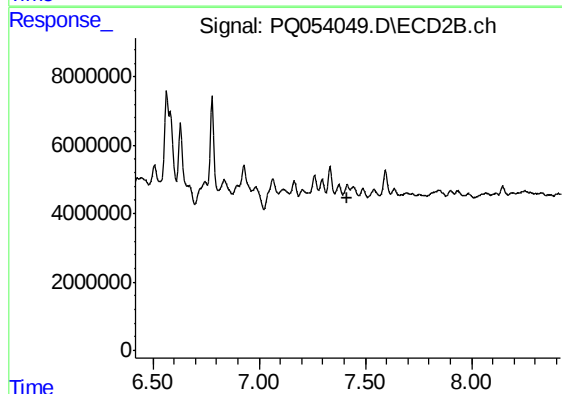
R.T.: 7.260 min
Delta R.T.: -0.002 min
Response: 11611249
Conc: 12.83 ng/ml



#33 AR-1260-3

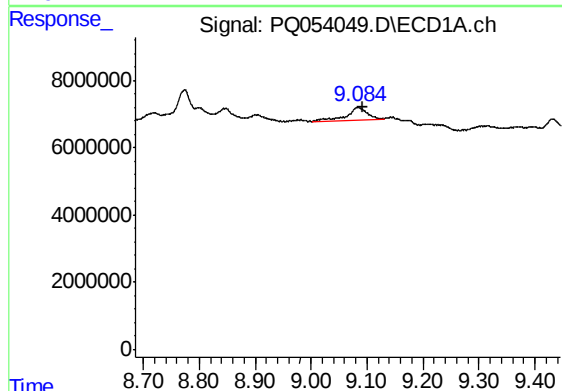
R.T.: 8.773 min
Delta R.T.: -0.005 min
Response: 18011871
Conc: 14.40 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BGD20



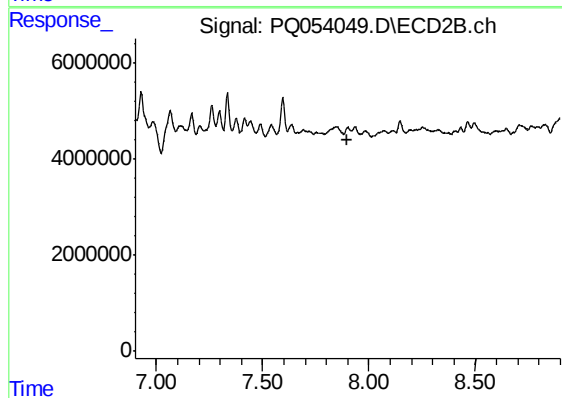
#33 AR-1260-3

R.T.: 7.415 min
Delta R.T.: -0.003 min
Response: -446587
Conc: N.D.



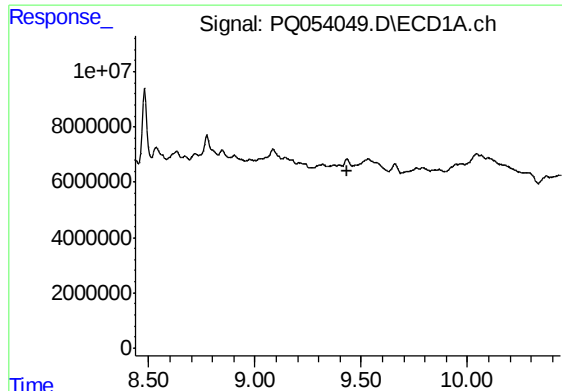
#34 AR-1260-4

R.T.: 9.084 min
Delta R.T.: -0.008 min
Response: 9230989
Conc: 10.10 ng/ml



#34 AR-1260-4

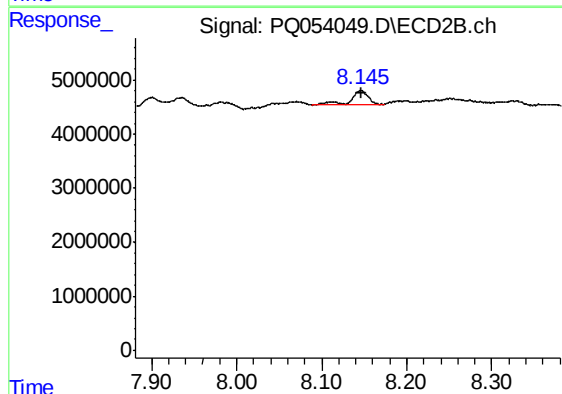
R.T.: 0.000 min
Exp R.T. : 7.901 min
Response: 0
Conc: N.D.



#35 AR-1260-5

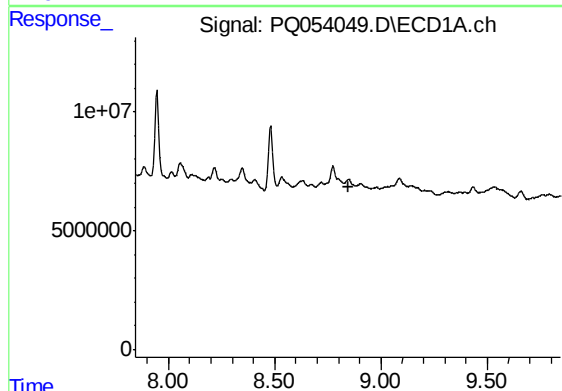
R.T.: 0.000 min
Exp R.T. : 9.437 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
BGD20



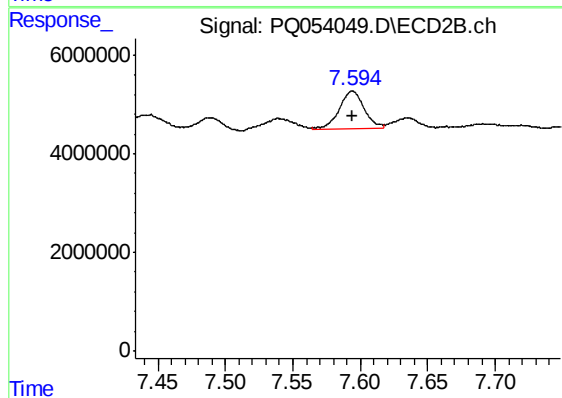
#35 AR-1260-5

R.T.: 8.146 min
Delta R.T.: -0.001 min
Response: 3721986
Conc: 2.08 ng/ml



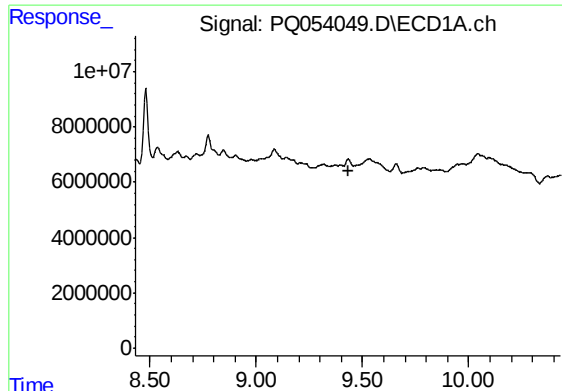
#36 AR-1262-1

R.T.: 0.000 min
Exp R.T. : 8.844 min
Response: 0
Conc: N.D.



#36 AR-1262-1

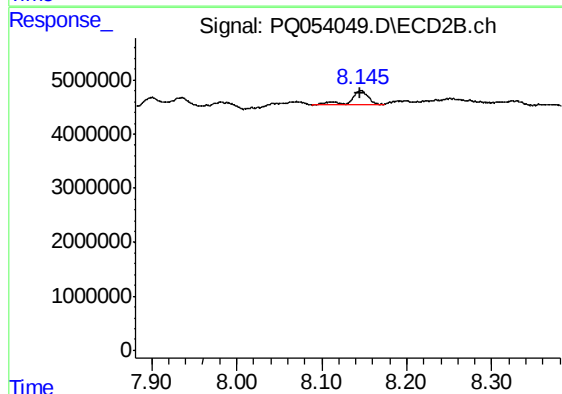
R.T.: 7.594 min
Delta R.T.: 0.000 min
Response: 9861455
Conc: 17.60 ng/ml



#37 AR-1262-2

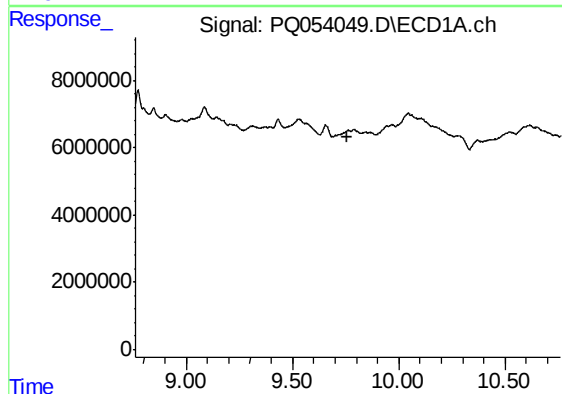
R.T.: 0.000 min
Exp R.T. : 9.432 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
BGD20



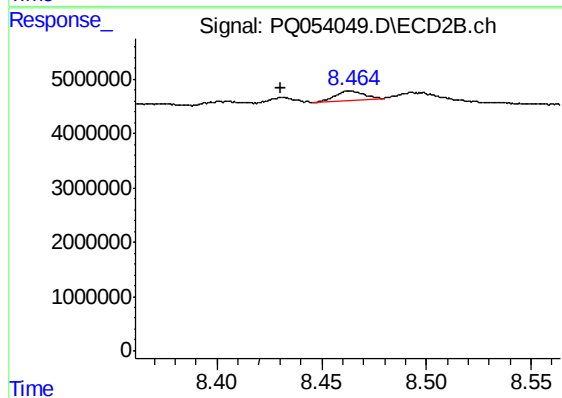
#37 AR-1262-2

R.T.: 8.146 min
Delta R.T.: 0.001 min
Response: 3721986
Conc: 1.60 ng/ml



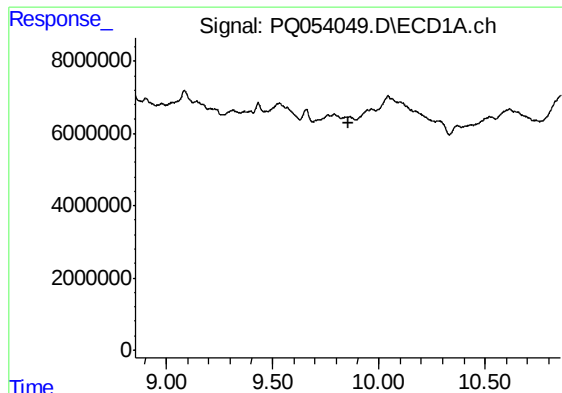
#38 AR-1262-3

R.T.: 0.000 min
Exp R.T. : 9.761 min
Response: 0
Conc: N.D.



#38 AR-1262-3

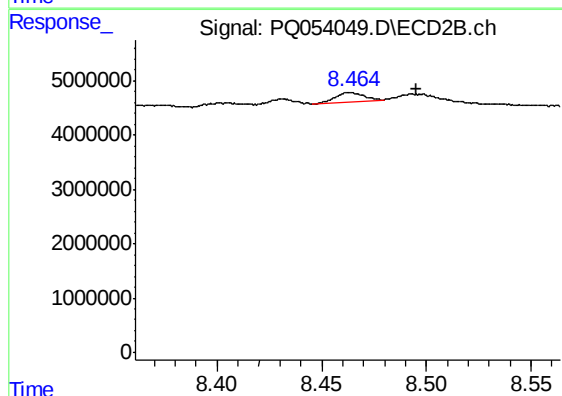
R.T.: 8.464 min
Delta R.T.: 0.034 min
Response: 1585861
Conc: 1.70 ng/ml



#39 AR-1262-4

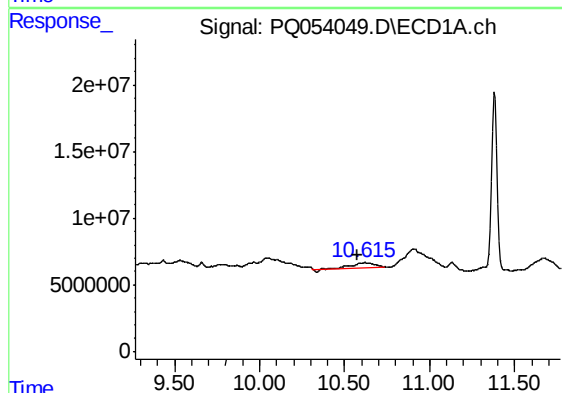
R.T.: 0.000 min
Exp R.T. : 9.855 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
BGD20



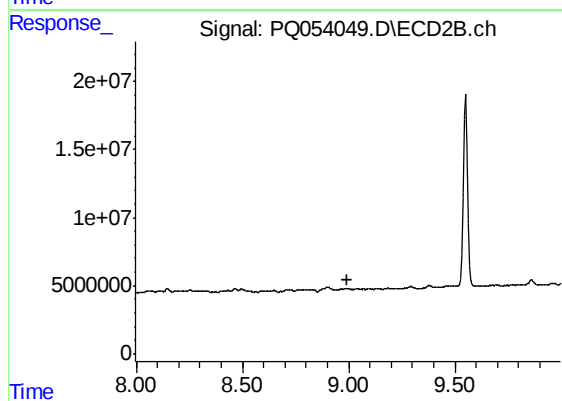
#39 AR-1262-4

R.T.: 8.464 min
Delta R.T.: -0.031 min
Response: 1585861
Conc: 1.00 ng/ml



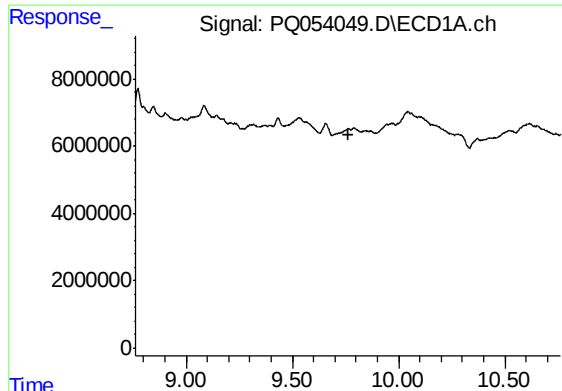
#40 AR-1262-5

R.T.: 10.615 min
Delta R.T.: 0.042 min
Response: 27315383
Conc: 31.87 ng/ml



#40 AR-1262-5

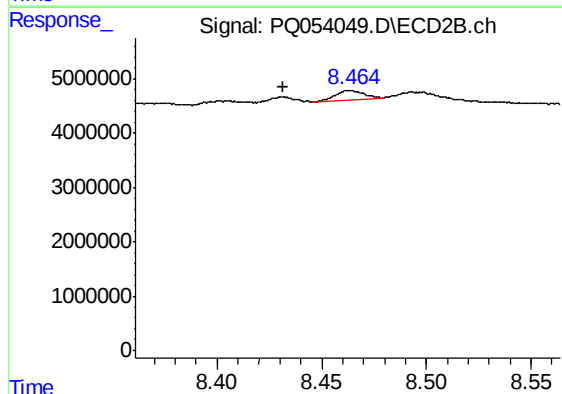
R.T.: 0.000 min
Exp R.T. : 8.996 min
Response: 0
Conc: N.D.



#41 AR-1268-1

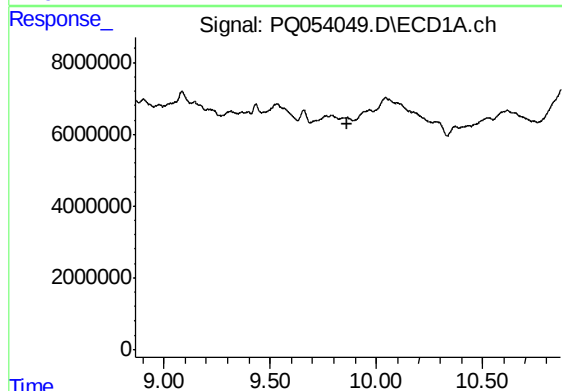
R.T.: 0.000 min
Exp R.T. : 9.762 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
BGD20



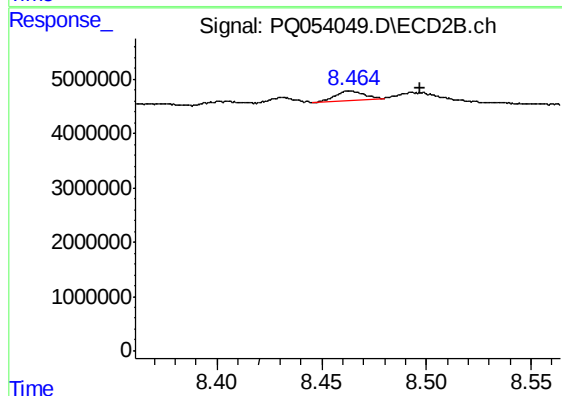
#41 AR-1268-1

R.T.: 8.464 min
Delta R.T.: 0.032 min
Response: 1585861
Conc: 0.50 ng/ml



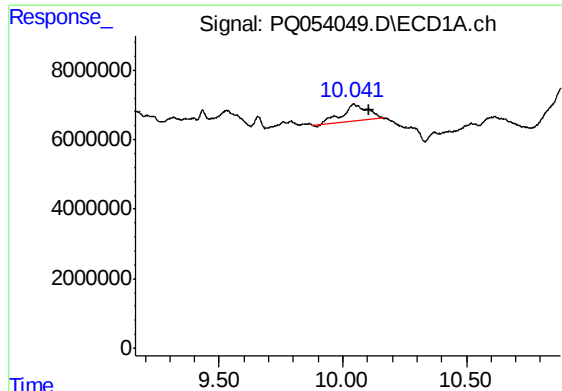
#42 AR-1268-2

R.T.: 0.000 min
Exp R.T. : 9.866 min
Response: 0
Conc: N.D.



#42 AR-1268-2

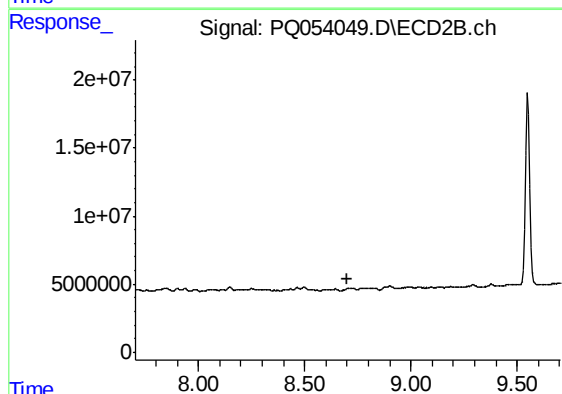
R.T.: 8.464 min
Delta R.T.: -0.033 min
Response: 1585861
Conc: 0.58 ng/ml



#43 AR-1268-3

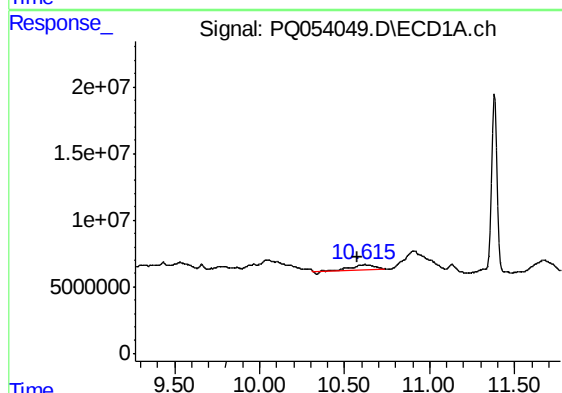
R.T.: 10.044 min
Delta R.T.: -0.063 min
Response: 34753336
Conc: 14.09 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BGD20



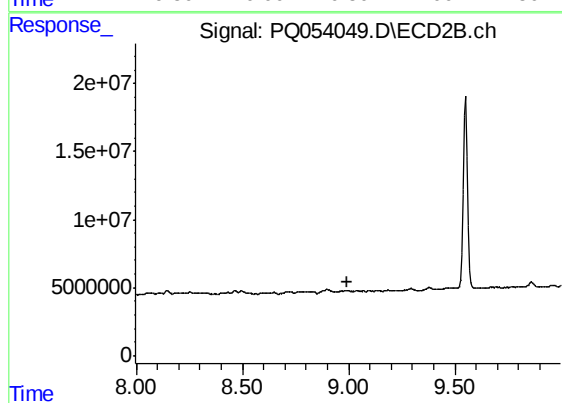
#43 AR-1268-3

R.T.: 0.000 min
Exp R.T. : 8.704 min
Response: 0
Conc: N.D.



#44 AR-1268-4

R.T.: 10.615 min
Delta R.T.: 0.040 min
Response: 27315383
Conc: 25.23 ng/ml



#44 AR-1268-4

R.T.: 0.000 min
Exp R.T. : 8.997 min
Response: 0
Conc: N.D.