

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ091224\
 Data File : PQ068585.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 12 Sep 2024 15:25
 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: Sep 13 02:41:41 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ082724CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Aug 28 02:08:25 2024
 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...	3.438	2.821	140.6E6	137.8E6	17.794	19.456
2) SA Decachlor...	8.612	7.598	77300994	120.9E6	33.987	35.759
Target Compounds						
3) L1 AR-1016-1	4.538	3.826	2527076	2506956	11.181	11.458
4) L1 AR-1016-2	4.559	3.841	3871389	1556950	10.999	4.754 #
5) L1 AR-1016-3	4.616	4.004	2265115	1734454	10.407	9.888
6) L1 AR-1016-4	4.708	4.051	1902033	60039882	10.516	411.793 #
7) L1 AR-1016-5	4.994	4.247	32735841	36091646	188.360	195.977
8) L2 AR-1221-1	0.000	2.963f	0	1664027	N.D.	19.475 #
9) L2 AR-1221-2	3.717	3.092	2316104	1655305	36.279	27.770
10) L2 AR-1221-3	3.787	0.000	807295	0	3.909	N.D. #
11) L3 AR-1232-1	3.787	0.000	807295	0	4.890	N.D. #
12) L3 AR-1232-2	4.281	3.841	1383236	1556950	15.229	10.040 #
13) L3 AR-1232-3	4.559	4.004	3871389	1734454	22.892	21.330
14) L3 AR-1232-4	4.708	4.088	1902033	18642761	22.014	266.894 #
15) L3 AR-1232-5	4.803	4.247	55731114	36091646	986.893	459.158 #
16) L4 AR-1242-1	4.538	3.826	2527076	2506956	12.363	12.958
17) L4 AR-1242-2	4.559	3.841	3871389	1556950	12.373	5.357 #
18) L4 AR-1242-3	4.616	4.004	2265115	1734454	11.577	11.198
19) L4 AR-1242-4	4.708	4.088	1902033	18642761	11.768	127.416 #
20) L4 AR-1242-5	5.425	4.584	29959657	142.9E6	177.202	739.450 #
21) L5 AR-1248-1	4.538	3.826	2527076	2506956	16.414	17.573
22) L5 AR-1248-2	4.803	4.051	55731114	60039882	265.205	271.448
23) L5 AR-1248-3	4.994	4.088	32735841	18642761	129.746	86.816 #
24) L5 AR-1248-4	5.388	4.247	46531876	36091646	165.484	136.663
25) L5 AR-1248-5	5.425	4.623	29959657	17957507	106.134	67.878 #
26) L6 AR-1254-1	5.360	4.584	93278968	142.9E6	337.175	363.796
27) L6 AR-1254-2	5.576	4.732	141.2E6	126.0E6	330.727	367.288
28) L6 AR-1254-3	5.930	5.114	147.5E6	195.6E6	328.424	361.393
29) L6 AR-1254-4	6.215	5.342	104.8E6	123.2E6	327.763	365.331
30) L6 AR-1254-5	6.628	5.747	111.6E6	173.9E6	321.854	356.900
31) L7 AR-1260-1	6.095	5.245	60086434	96431399	182.079	265.138 #
32) L7 AR-1260-2	6.354	5.434	59862858	83139372	158.869	189.420
33) L7 AR-1260-3	6.706	5.571	4346653	79942759	15.719	185.473 #
34) L7 AR-1260-4	6.903	6.037	43277458	8131094	141.746	23.944 #
35) L7 AR-1260-5	7.235	6.283	13518862	20982800	23.164	26.438
36) L8 AR-1262-1	6.706	5.809	4346653	14919420	10.287	28.996 #
37) L8 AR-1262-2	7.235	6.283	13518862	20982800	19.794	23.303
38) L8 AR-1262-3	7.515	6.555	11287124	1551078	25.500	4.516 #
39) L8 AR-1262-4	7.557	6.615	2672115	19314620	7.800	29.191 #
40) L8 AR-1262-5	8.090	0.000	483615	0	2.303	N.D. #
41) L9 AR-1268-1	7.515	6.555	11287124	1551078	14.690	1.557 #

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ091224\
Data File : PQ068585.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 12 Sep 2024 15:25
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: Sep 13 02:41:41 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ082724CLP.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Aug 28 02:08:25 2024
Response via : Initial Calibration
Integrator: ChemStation

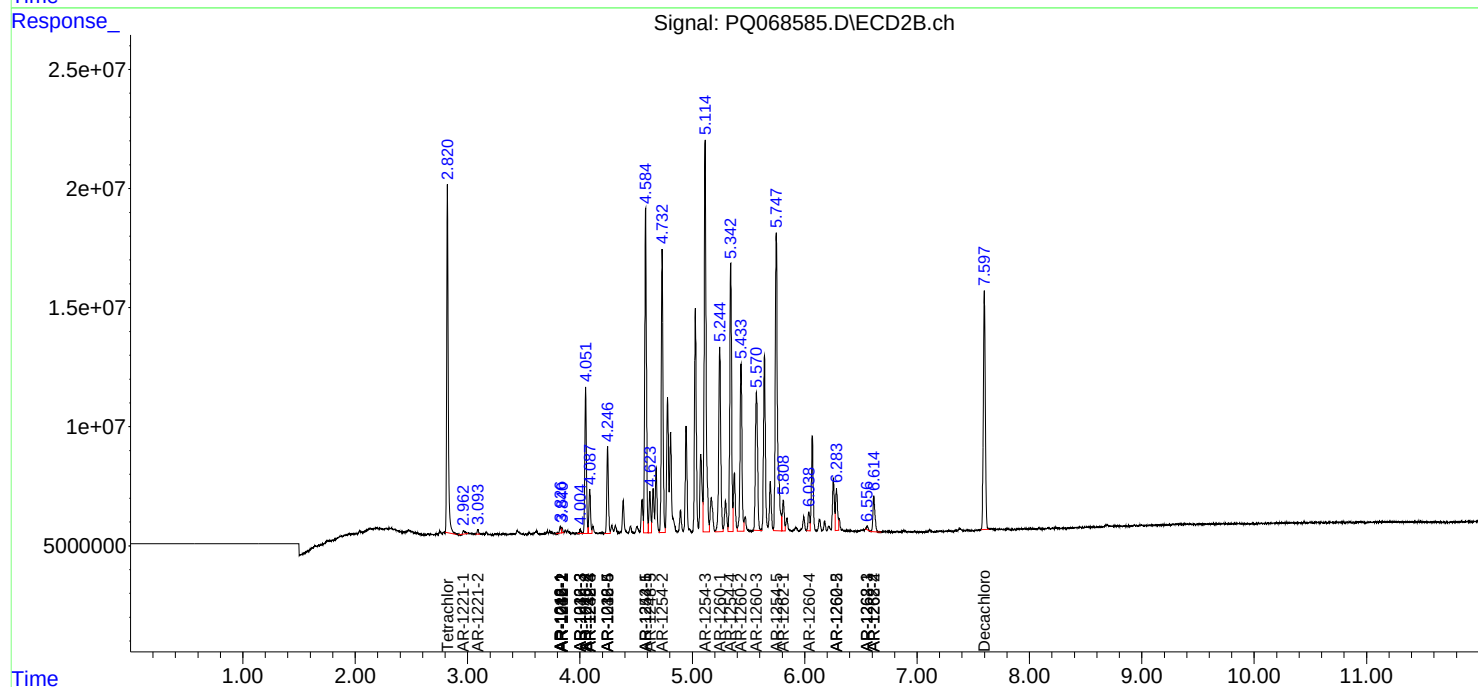
Volume Inj. : 1 µl
Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2
Signal #1 Info : 30Mx0.32mmx 0.5µm Signal #2 Info : 30M x 0.32mm x 0.25µm

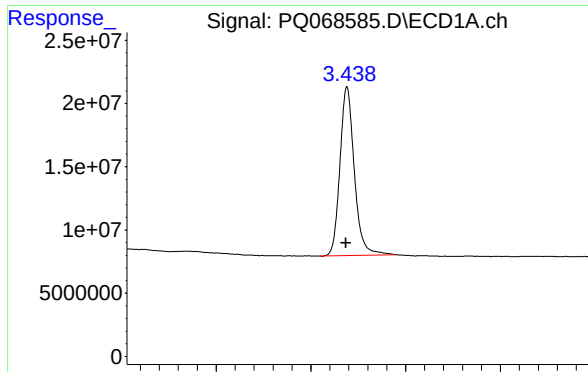
	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
42) L9	AR-1268-2	7.557	6.615	2672115	19314620	3.724	20.703 #
43) L9	AR-1268-3	7.808f	0.000	501463	0	0.868	N.D. #
44) L9	AR-1268-4	8.090	0.000	483615	0	2.099	N.D. #
45) L9	AR-1268-5	8.378	0.000	414549	0	0.255	N.D. #

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

Instrument :
ECD_Q
ClientSampleId :

Volume Inj. : 1 μ l
Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2
Signal #1 Info : 30Mx0.32mmx 0.5 μ m Signal #2 Info : 30M x 0.32mm x 0.25 μ m

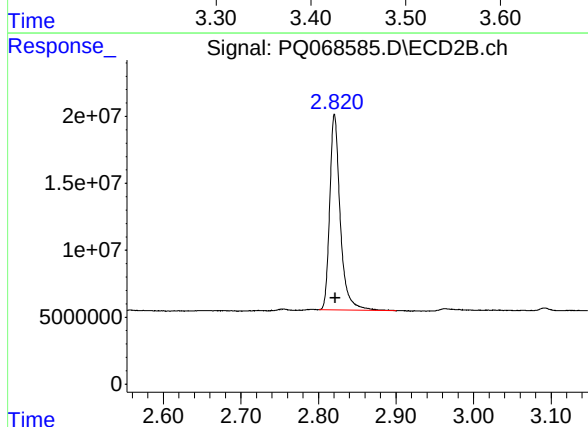




#1 Tetrachloro-m-xylene

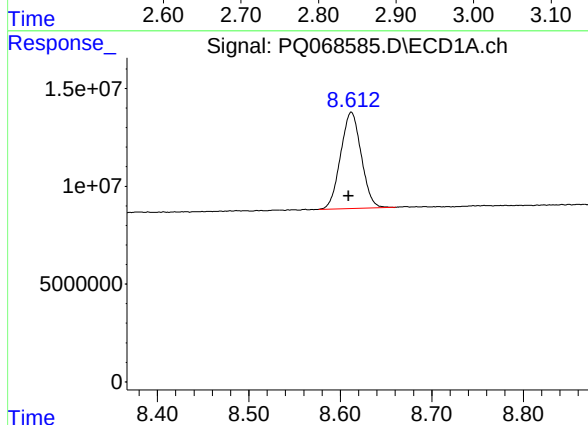
R.T.: 3.438 min
Delta R.T.: 0.001 min
Response: 140583887
Conc: 17.79 ng/ml

Instrument :
ECD_Q
ClientSampleId :



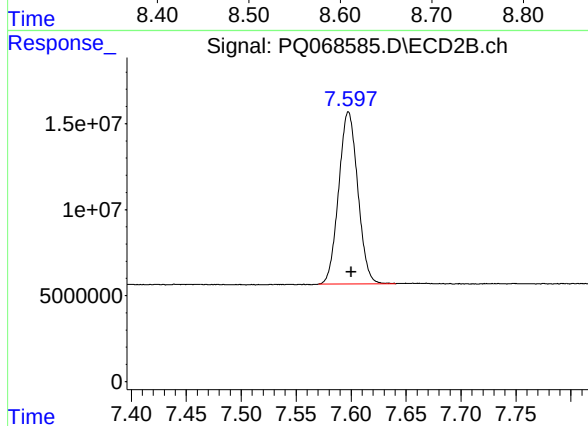
#1 Tetrachloro-m-xylene

R.T.: 2.821 min
Delta R.T.: -0.001 min
Response: 137795118
Conc: 19.46 ng/ml



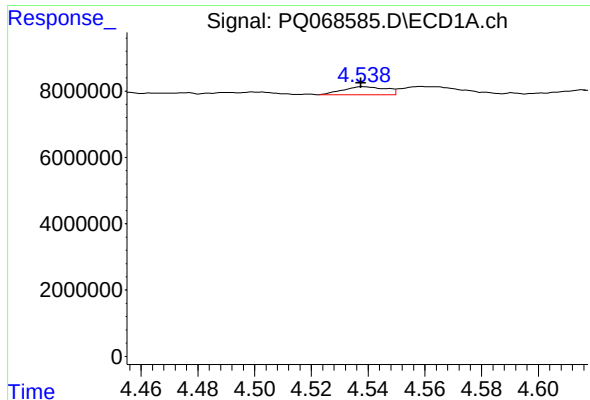
#2 Decachlorobiphenyl

R.T.: 8.612 min
Delta R.T.: 0.003 min
Response: 77300994
Conc: 33.99 ng/ml



#2 Decachlorobiphenyl

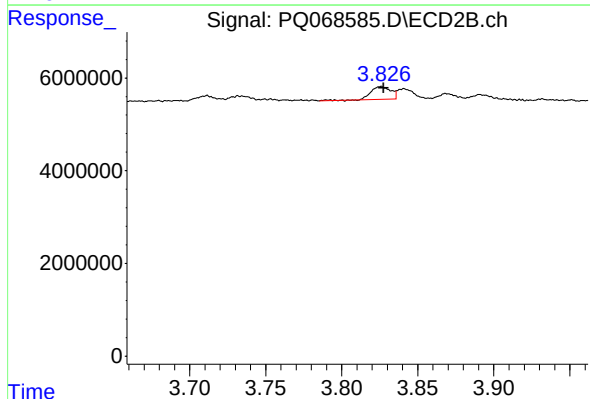
R.T.: 7.598 min
Delta R.T.: -0.003 min
Response: 120938366
Conc: 35.76 ng/ml



#3 AR-1016-1

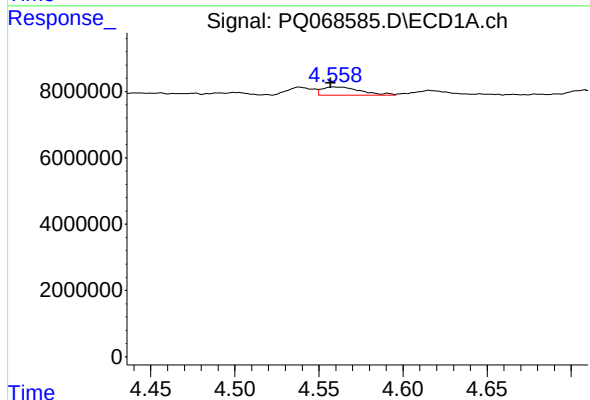
R.T.: 4.538 min
Delta R.T.: 0.000 min
Response: 2527076
Conc: 11.18 ng/ml

Instrument :
ECD_Q
ClientSampleId :



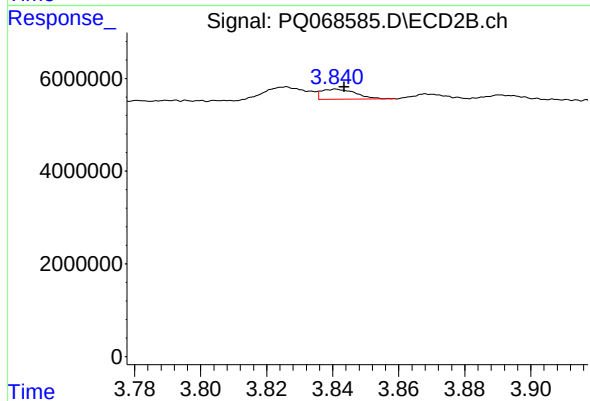
#3 AR-1016-1

R.T.: 3.826 min
Delta R.T.: -0.002 min
Response: 2506956
Conc: 11.46 ng/ml



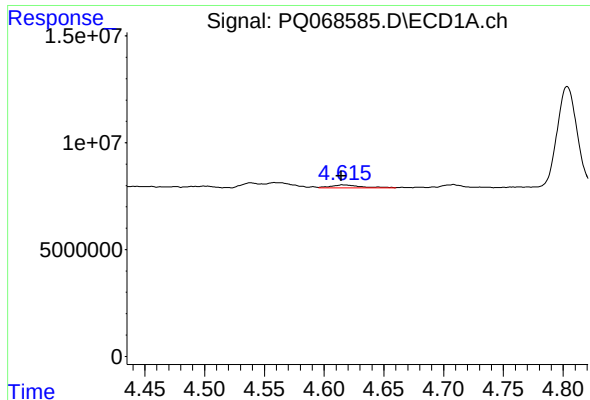
#4 AR-1016-2

R.T.: 4.559 min
Delta R.T.: 0.002 min
Response: 3871389
Conc: 11.00 ng/ml



#4 AR-1016-2

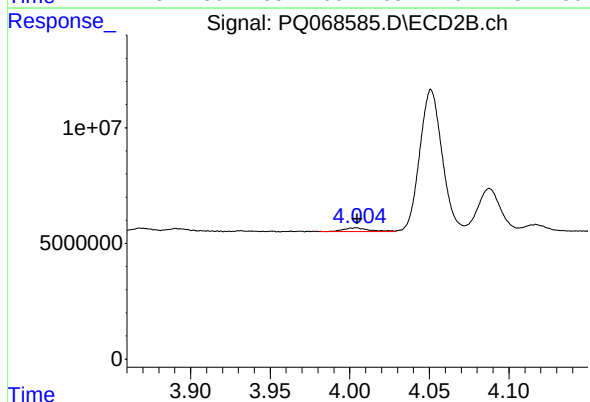
R.T.: 3.841 min
Delta R.T.: -0.003 min
Response: 1556950
Conc: 4.75 ng/ml



#5 AR-1016-3

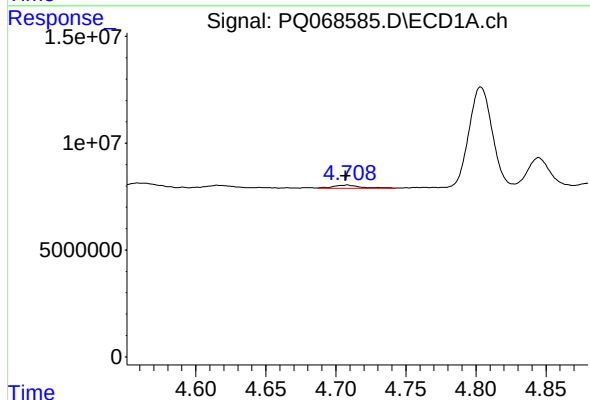
R.T.: 4.616 min
Delta R.T.: 0.001 min
Response: 2265115
Conc: 10.41 ng/ml

Instrument :
ECD_Q
ClientSampleId :



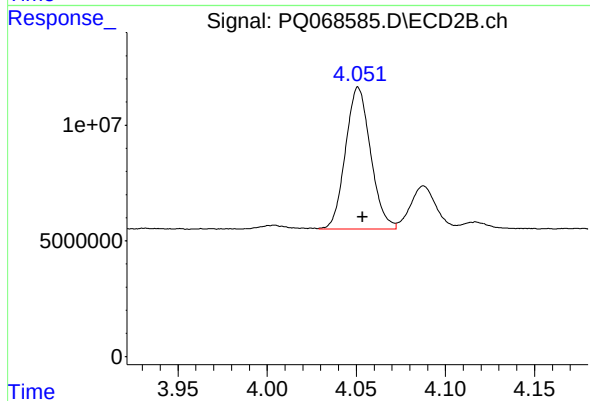
#5 AR-1016-3

R.T.: 4.004 min
Delta R.T.: 0.000 min
Response: 1734454
Conc: 9.89 ng/ml



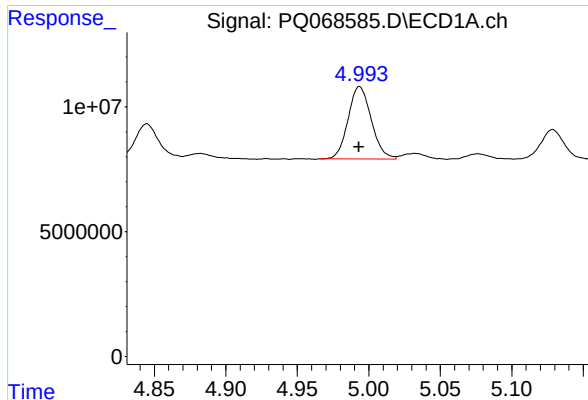
#6 AR-1016-4

R.T.: 4.708 min
Delta R.T.: 0.001 min
Response: 1902033
Conc: 10.52 ng/ml



#6 AR-1016-4

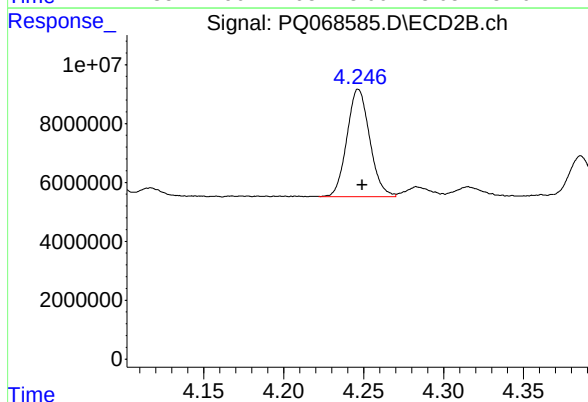
R.T.: 4.051 min
Delta R.T.: -0.002 min
Response: 60039882
Conc: 411.79 ng/ml



#7 AR-1016-5

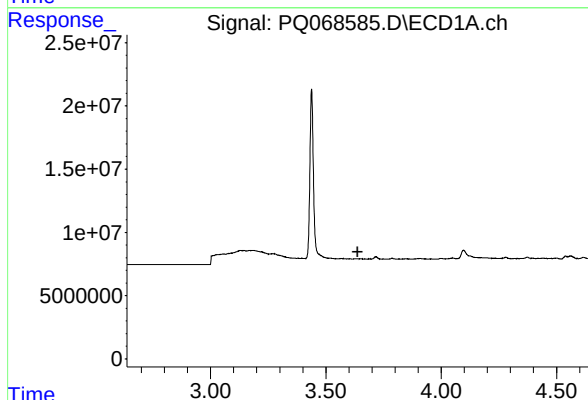
R.T.: 4.994 min
Delta R.T.: 0.000 min
Response: 32735841
Conc: 188.36 ng/ml

Instrument :
ECD_Q
ClientSampleId :



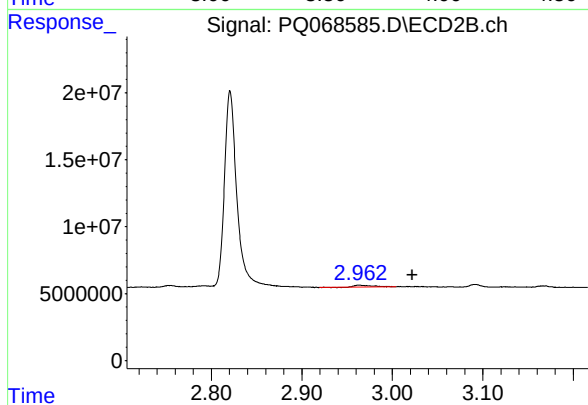
#7 AR-1016-5

R.T.: 4.247 min
Delta R.T.: -0.002 min
Response: 36091646
Conc: 195.98 ng/ml



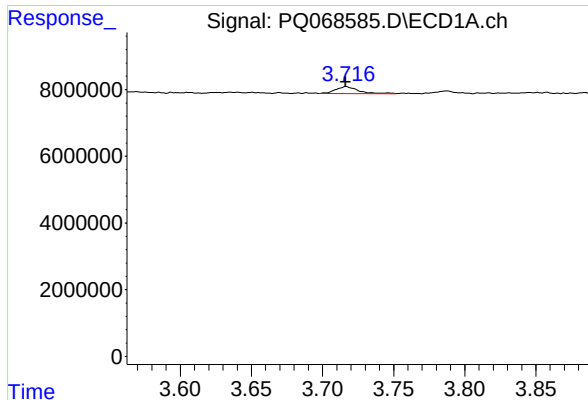
#8 AR-1221-1

R.T.: 0.000 min
Exp R.T.: 3.637 min
Response: 0
Conc: N.D.



#8 AR-1221-1

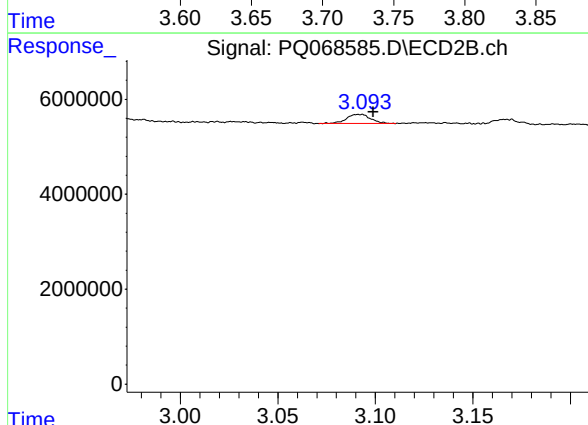
R.T.: 2.963 min
Delta R.T.: -0.059 min
Response: 1664027
Conc: 19.48 ng/ml



#9 AR-1221-2

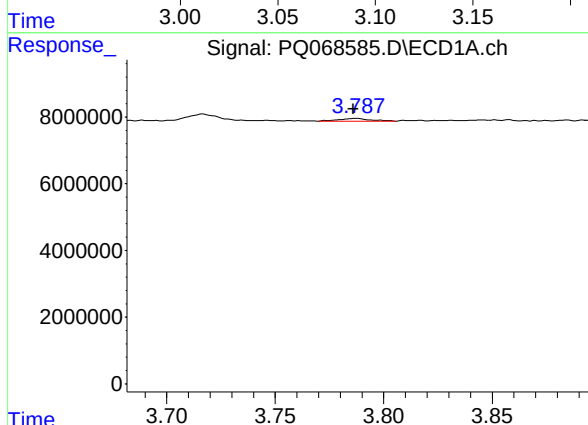
R.T.: 3.717 min
Delta R.T.: 0.000 min
Response: 2316104
Conc: 36.28 ng/ml

Instrument :
ECD_Q
ClientSampleId :



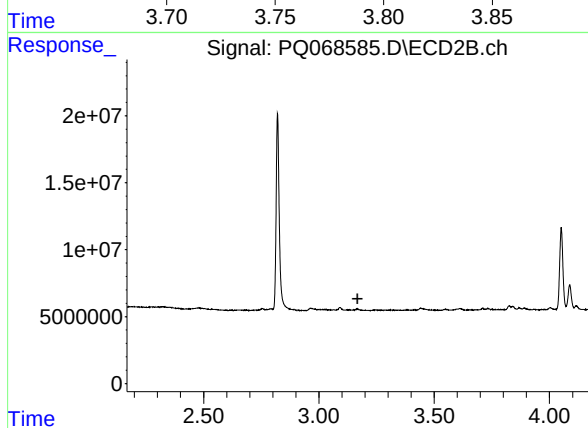
#9 AR-1221-2

R.T.: 3.092 min
Delta R.T.: -0.007 min
Response: 1655305
Conc: 27.77 ng/ml



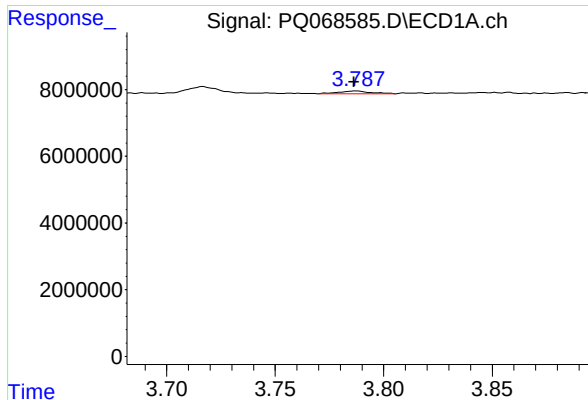
#10 AR-1221-3

R.T.: 3.787 min
Delta R.T.: 0.001 min
Response: 807295
Conc: 3.91 ng/ml



#10 AR-1221-3

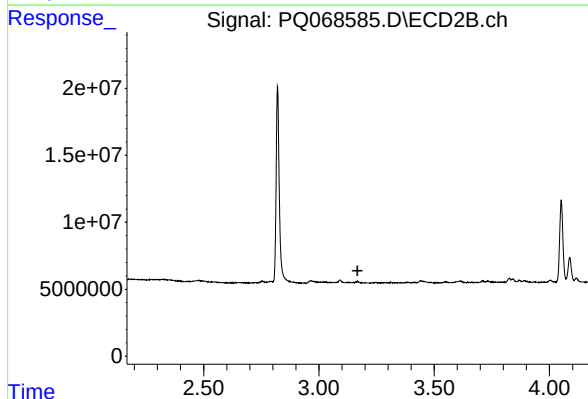
R.T.: 0.000 min
Exp R.T. : 3.168 min
Response: 0
Conc: N.D.



#11 AR-1232-1

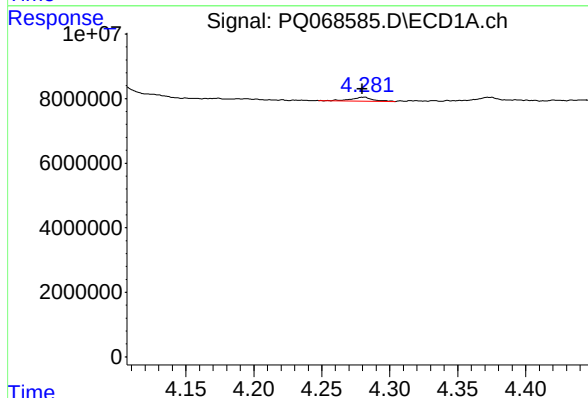
R.T.: 3.787 min
Delta R.T.: 0.000 min
Response: 807295
Conc: 4.89 ng/ml

Instrument :
ECD_Q
ClientSampleId :



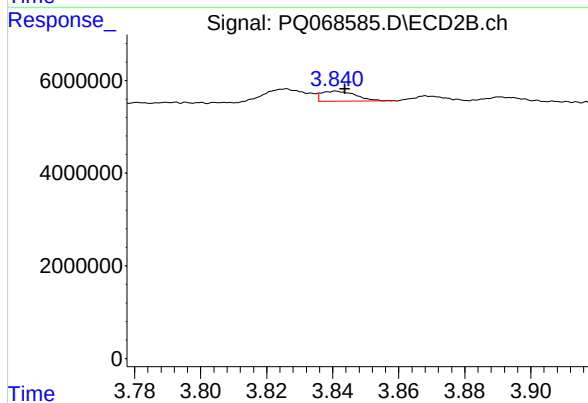
#11 AR-1232-1

R.T.: 0.000 min
Exp R.T. : 3.168 min
Response: 0
Conc: N.D.



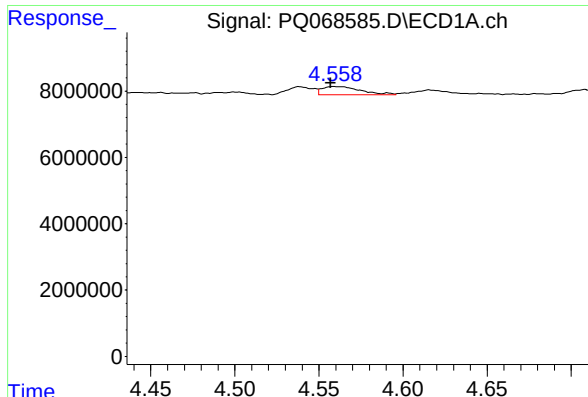
#12 AR-1232-2

R.T.: 4.281 min
Delta R.T.: 0.000 min
Response: 1383236
Conc: 15.23 ng/ml



#12 AR-1232-2

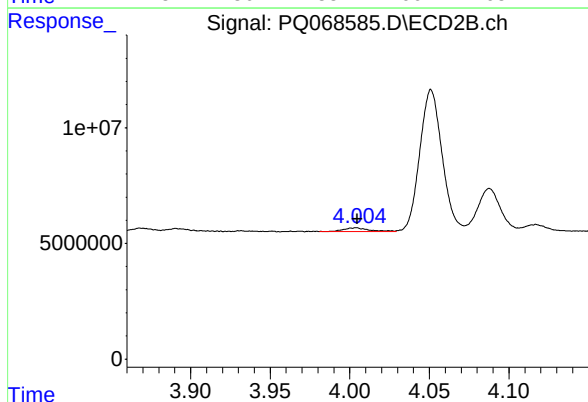
R.T.: 3.841 min
Delta R.T.: -0.003 min
Response: 1556950
Conc: 10.04 ng/ml



#13 AR-1232-3

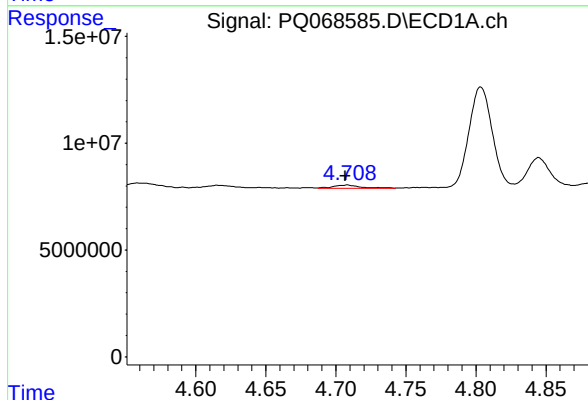
R.T.: 4.559 min
Delta R.T.: 0.002 min
Response: 3871389
Conc: 22.89 ng/ml

Instrument :
ECD_Q
ClientSampleId :



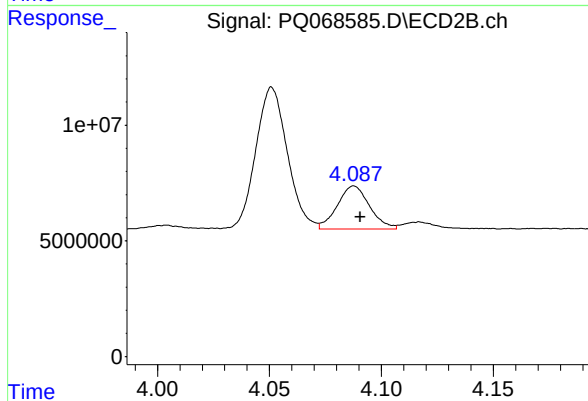
#13 AR-1232-3

R.T.: 4.004 min
Delta R.T.: -0.001 min
Response: 1734454
Conc: 21.33 ng/ml



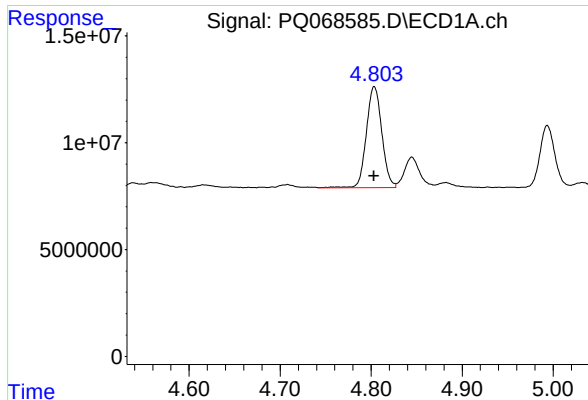
#14 AR-1232-4

R.T.: 4.708 min
Delta R.T.: 0.001 min
Response: 1902033
Conc: 22.01 ng/ml



#14 AR-1232-4

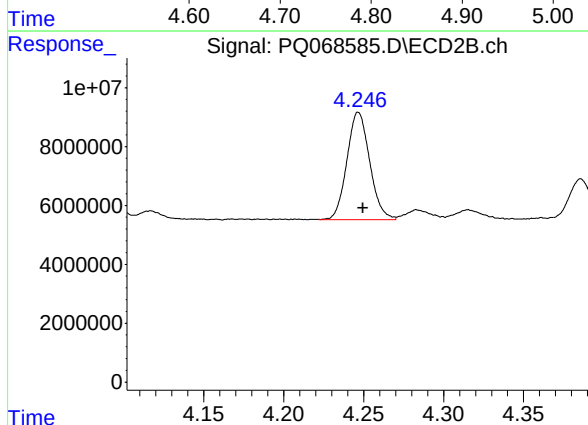
R.T.: 4.088 min
Delta R.T.: -0.003 min
Response: 18642761
Conc: 266.89 ng/ml



#15 AR-1232-5

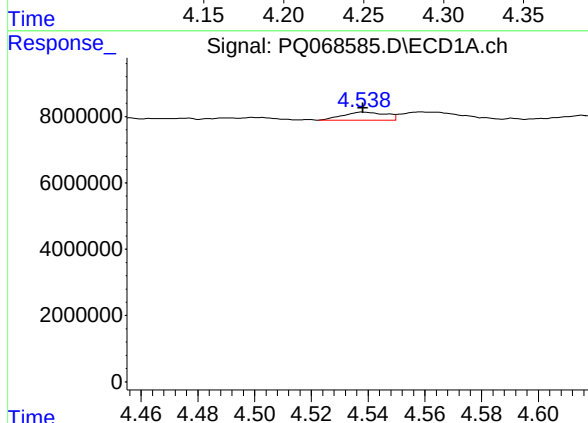
R.T.: 4.803 min
Delta R.T.: 0.000 min
Response: 55731114
Conc: 986.89 ng/ml

Instrument :
ECD_Q
ClientSampleId :



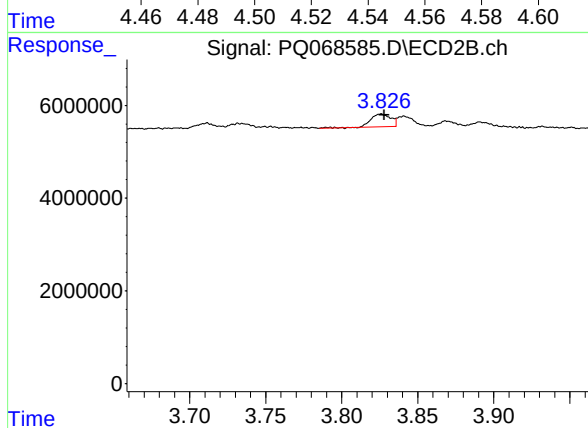
#15 AR-1232-5

R.T.: 4.247 min
Delta R.T.: -0.003 min
Response: 36091646
Conc: 459.16 ng/ml



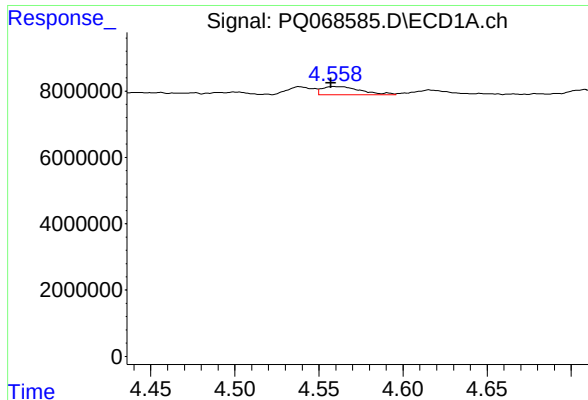
#16 AR-1242-1

R.T.: 4.538 min
Delta R.T.: 0.000 min
Response: 2527076
Conc: 12.36 ng/ml



#16 AR-1242-1

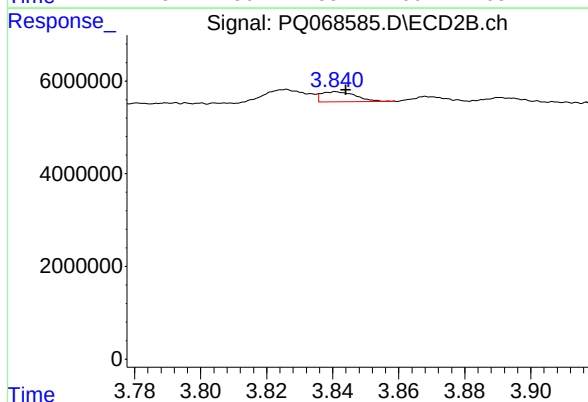
R.T.: 3.826 min
Delta R.T.: -0.002 min
Response: 2506956
Conc: 12.96 ng/ml



#17 AR-1242-2

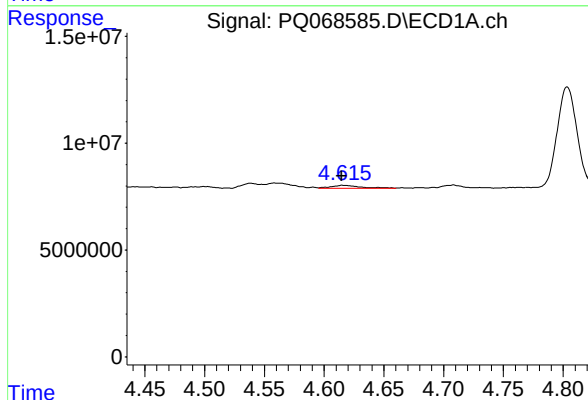
R.T.: 4.559 min
Delta R.T.: 0.002 min
Response: 3871389
Conc: 12.37 ng/ml

Instrument :
ECD_Q
ClientSampleId :



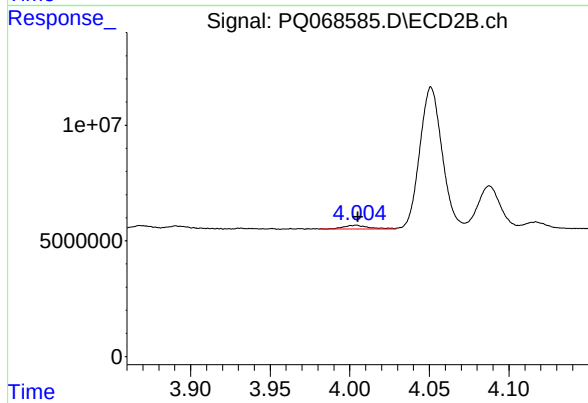
#17 AR-1242-2

R.T.: 3.841 min
Delta R.T.: -0.003 min
Response: 1556950
Conc: 5.36 ng/ml



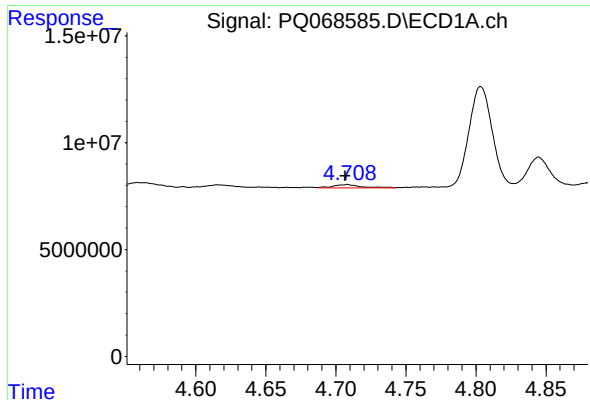
#18 AR-1242-3

R.T.: 4.616 min
Delta R.T.: 0.000 min
Response: 2265115
Conc: 11.58 ng/ml



#18 AR-1242-3

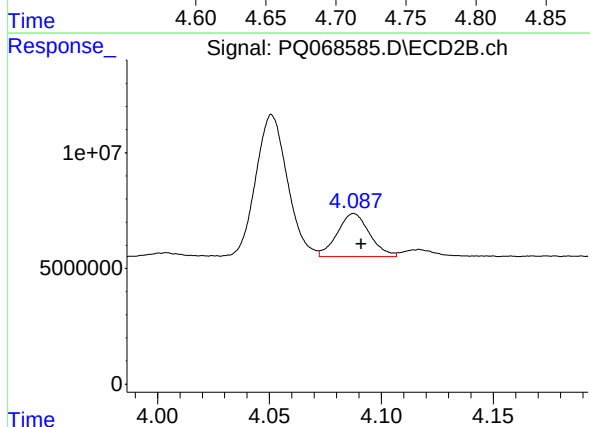
R.T.: 4.004 min
Delta R.T.: -0.002 min
Response: 1734454
Conc: 11.20 ng/ml



#19 AR-1242-4

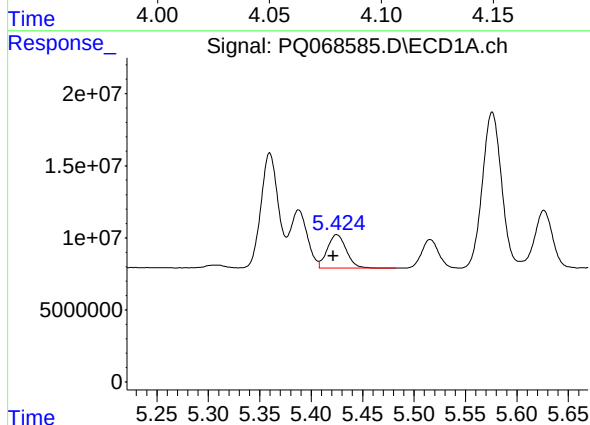
R.T.: 4.708 min
Delta R.T.: 0.001 min
Response: 1902033
Conc: 11.77 ng/ml

Instrument :
ECD_Q
ClientSampleId :



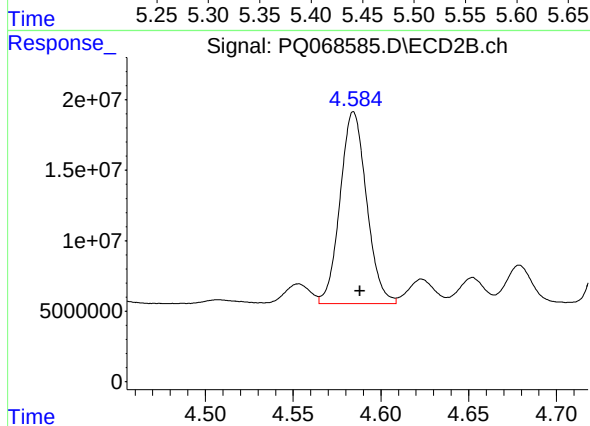
#19 AR-1242-4

R.T.: 4.088 min
Delta R.T.: -0.003 min
Response: 18642761
Conc: 127.42 ng/ml



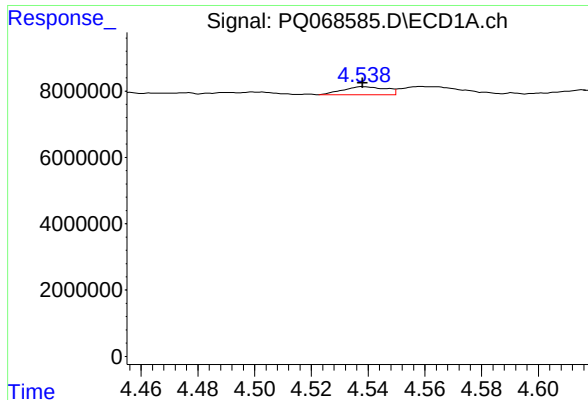
#20 AR-1242-5

R.T.: 5.425 min
Delta R.T.: 0.003 min
Response: 29959657
Conc: 177.20 ng/ml



#20 AR-1242-5

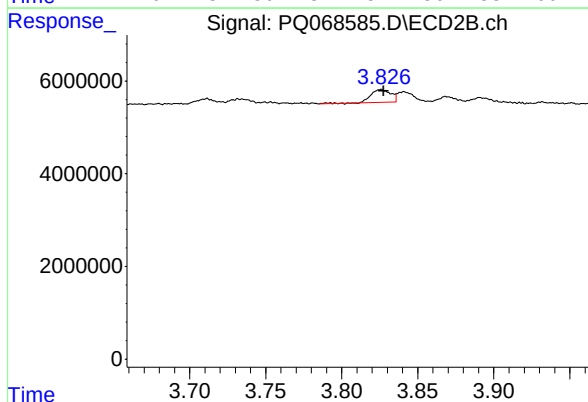
R.T.: 4.584 min
Delta R.T.: -0.004 min
Response: 142943377
Conc: 739.45 ng/ml



#21 AR-1248-1

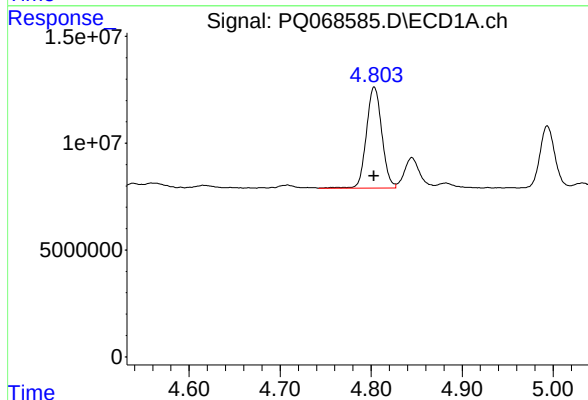
R.T.: 4.538 min
Delta R.T.: 0.000 min
Response: 2527076
Conc: 16.41 ng/ml

Instrument :
ECD_Q
ClientSampleId :



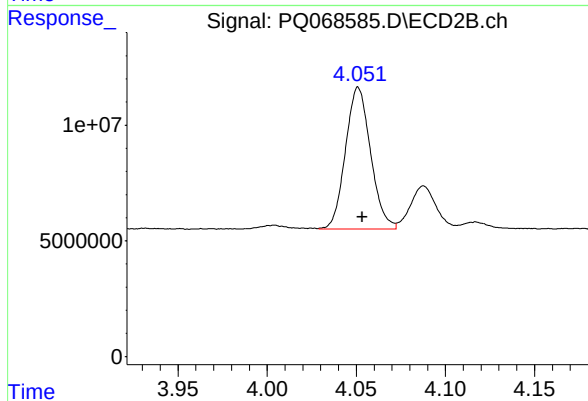
#21 AR-1248-1

R.T.: 3.826 min
Delta R.T.: -0.002 min
Response: 2506956
Conc: 17.57 ng/ml



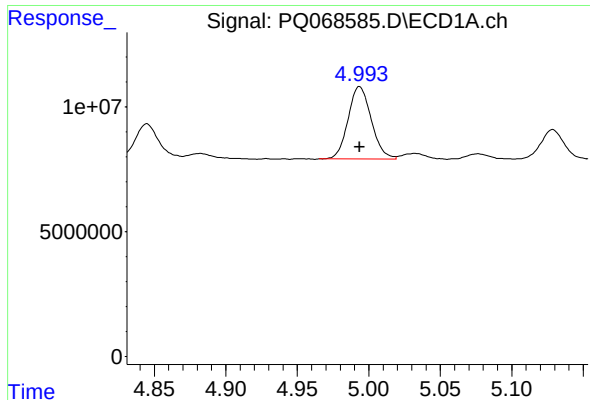
#22 AR-1248-2

R.T.: 4.803 min
Delta R.T.: 0.000 min
Response: 55731114
Conc: 265.21 ng/ml



#22 AR-1248-2

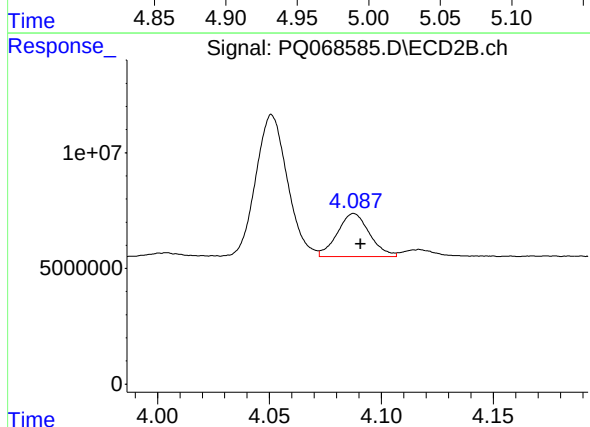
R.T.: 4.051 min
Delta R.T.: -0.002 min
Response: 60039882
Conc: 271.45 ng/ml



#23 AR-1248-3

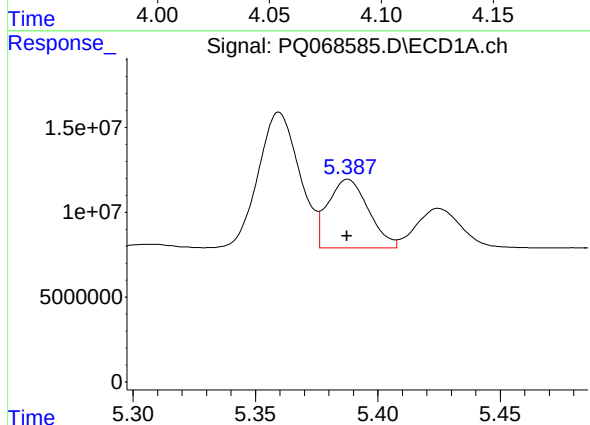
R.T.: 4.994 min
Delta R.T.: 0.000 min
Response: 32735841
Conc: 129.75 ng/ml

Instrument :
ECD_Q
ClientSampleId :



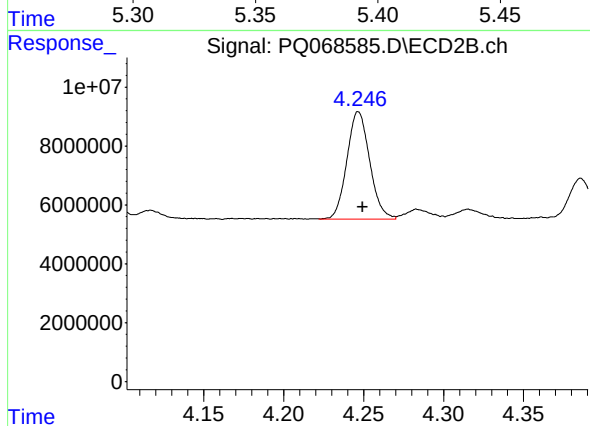
#23 AR-1248-3

R.T.: 4.088 min
Delta R.T.: -0.003 min
Response: 18642761
Conc: 86.82 ng/ml



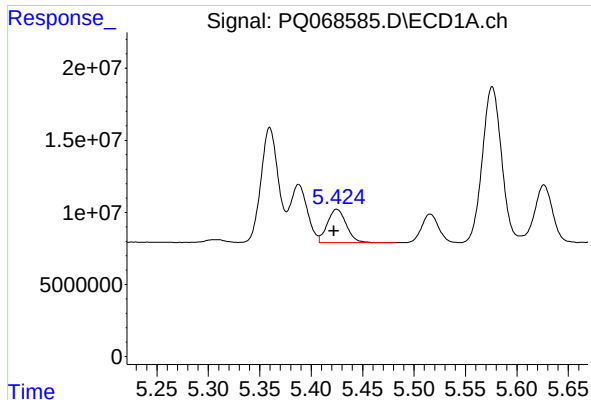
#24 AR-1248-4

R.T.: 5.388 min
Delta R.T.: 0.000 min
Response: 46531876
Conc: 165.48 ng/ml



#24 AR-1248-4

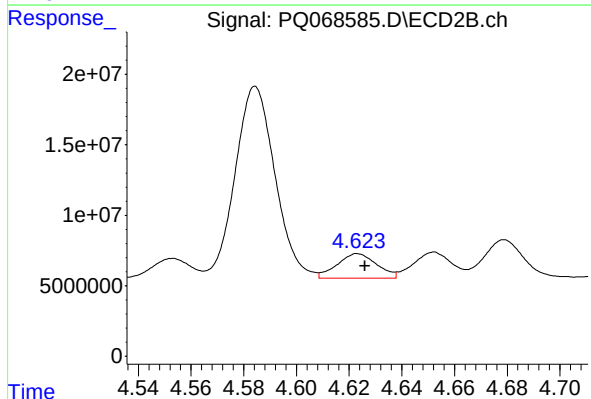
R.T.: 4.247 min
Delta R.T.: -0.003 min
Response: 36091646
Conc: 136.66 ng/ml



#25 AR-1248-5

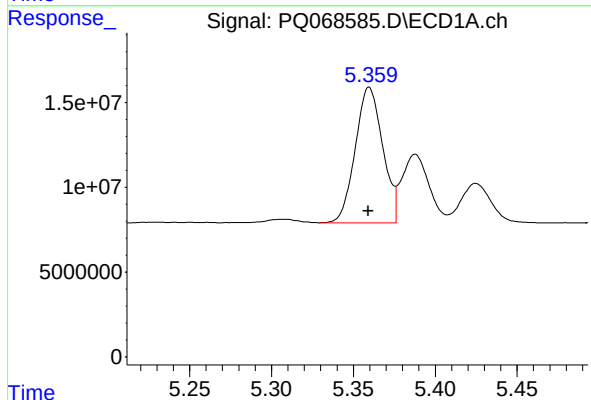
R.T.: 5.425 min
Delta R.T.: 0.003 min
Response: 29959657
Conc: 106.13 ng/ml

Instrument :
ECD_Q
ClientSampleId :



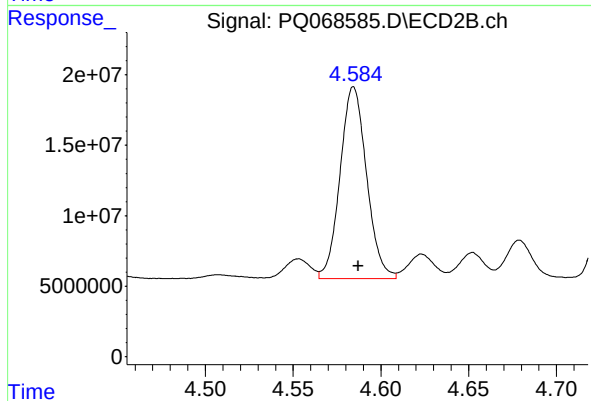
#25 AR-1248-5

R.T.: 4.623 min
Delta R.T.: -0.003 min
Response: 17957507
Conc: 67.88 ng/ml



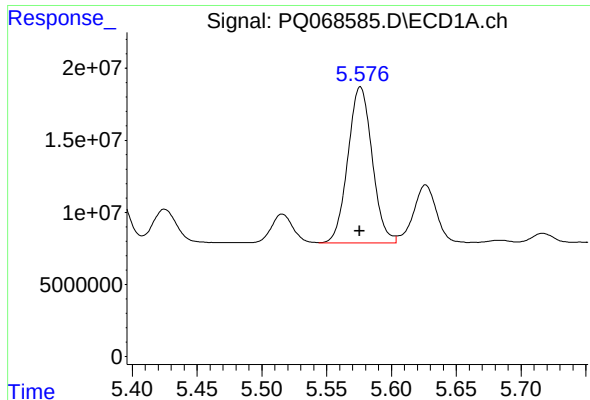
#26 AR-1254-1

R.T.: 5.360 min
Delta R.T.: 0.000 min
Response: 93278968
Conc: 337.18 ng/ml



#26 AR-1254-1

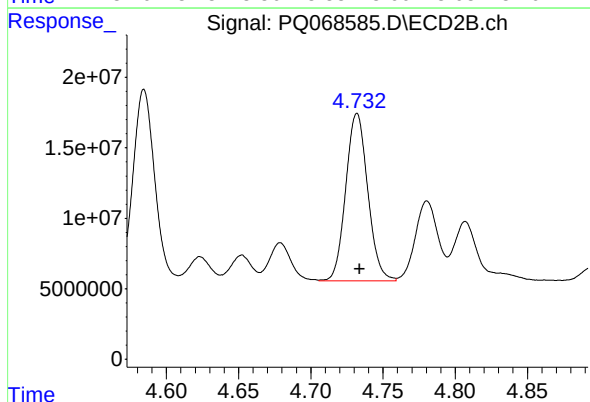
R.T.: 4.584 min
Delta R.T.: -0.003 min
Response: 142943377
Conc: 363.80 ng/ml



#27 AR-1254-2

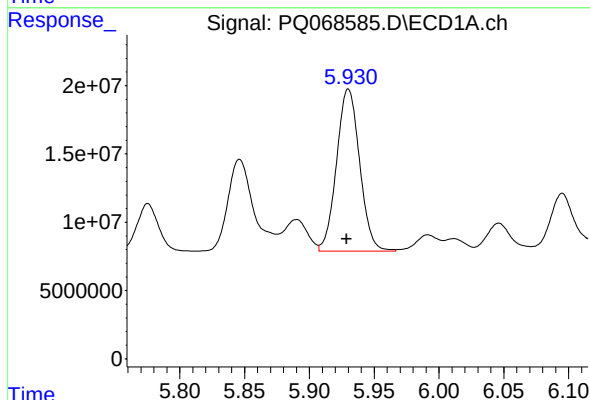
R.T.: 5.576 min
Delta R.T.: 0.000 min
Response: 141228645
Conc: 330.73 ng/ml

Instrument :
ECD_Q
ClientSampleId :



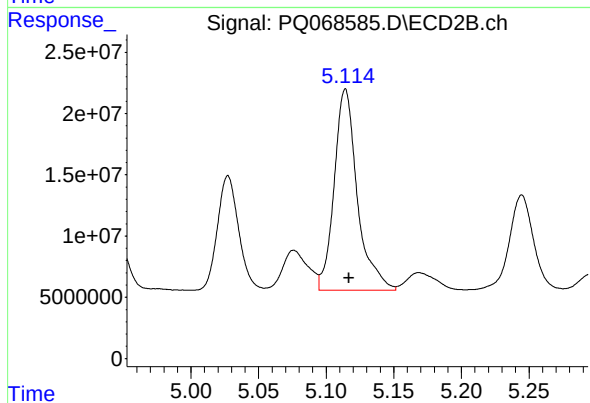
#27 AR-1254-2

R.T.: 4.732 min
Delta R.T.: -0.002 min
Response: 126036484
Conc: 367.29 ng/ml



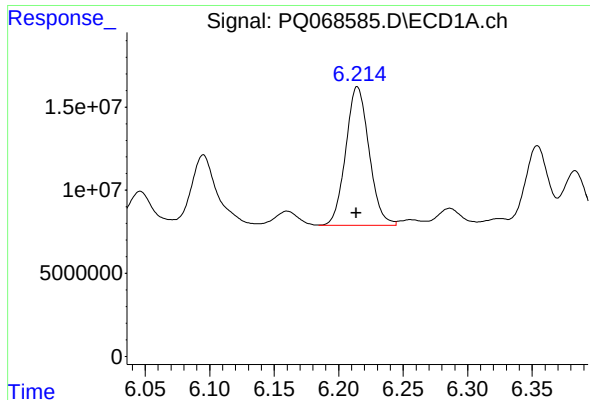
#28 AR-1254-3

R.T.: 5.930 min
Delta R.T.: 0.001 min
Response: 147508160
Conc: 328.42 ng/ml



#28 AR-1254-3

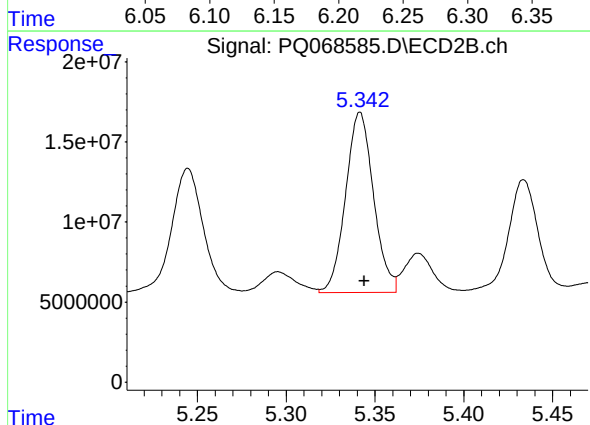
R.T.: 5.114 min
Delta R.T.: -0.003 min
Response: 195615085
Conc: 361.39 ng/ml



#29 AR-1254-4

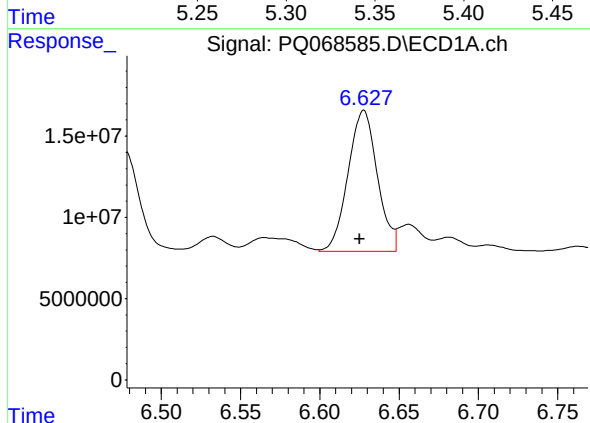
R.T.: 6.215 min
Delta R.T.: 0.000 min
Response: 104788555
Conc: 327.76 ng/ml

Instrument :
ECD_Q
ClientSampleId :



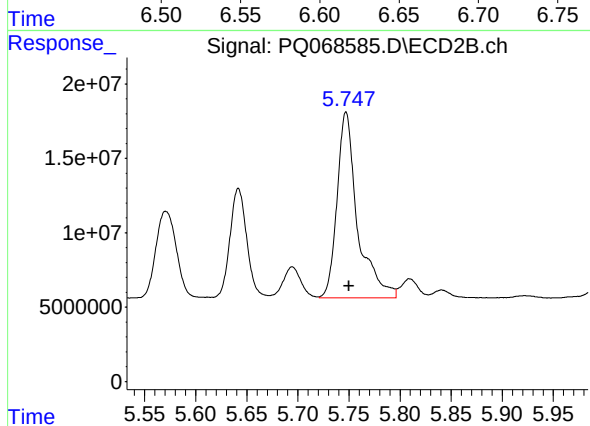
#29 AR-1254-4

R.T.: 5.342 min
Delta R.T.: -0.002 min
Response: 123228384
Conc: 365.33 ng/ml



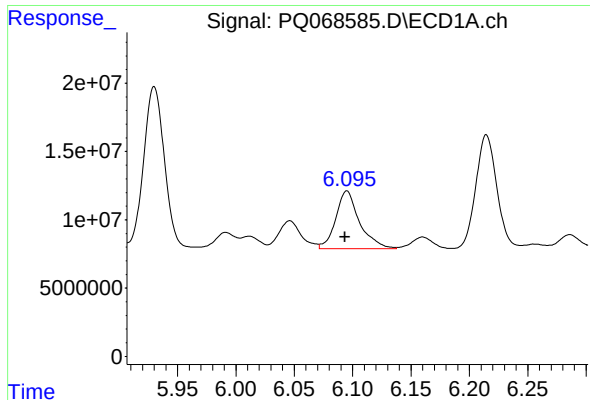
#30 AR-1254-5

R.T.: 6.628 min
Delta R.T.: 0.003 min
Response: 111593208
Conc: 321.85 ng/ml



#30 AR-1254-5

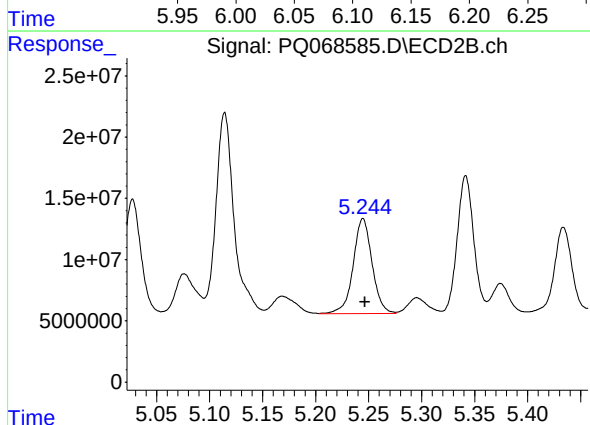
R.T.: 5.747 min
Delta R.T.: -0.003 min
Response: 173896596
Conc: 356.90 ng/ml



#31 AR-1260-1

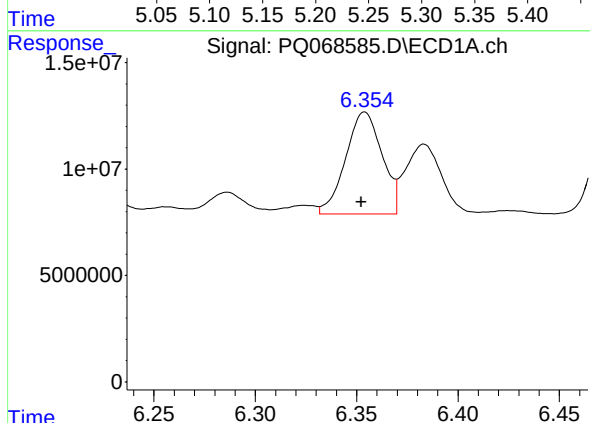
R.T.: 6.095 min
Delta R.T.: 0.002 min
Response: 60086434
Conc: 182.08 ng/ml

Instrument :
ECD_Q
ClientSampleId :



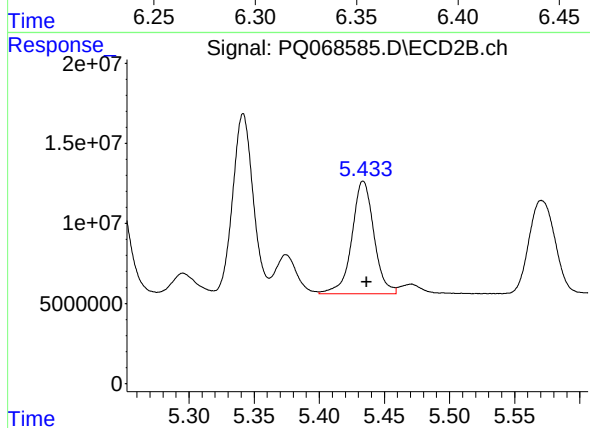
#31 AR-1260-1

R.T.: 5.245 min
Delta R.T.: -0.002 min
Response: 96431399
Conc: 265.14 ng/ml



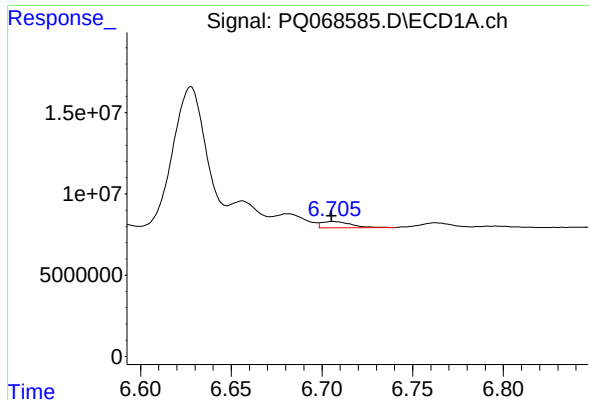
#32 AR-1260-2

R.T.: 6.354 min
Delta R.T.: 0.002 min
Response: 59862858
Conc: 158.87 ng/ml



#32 AR-1260-2

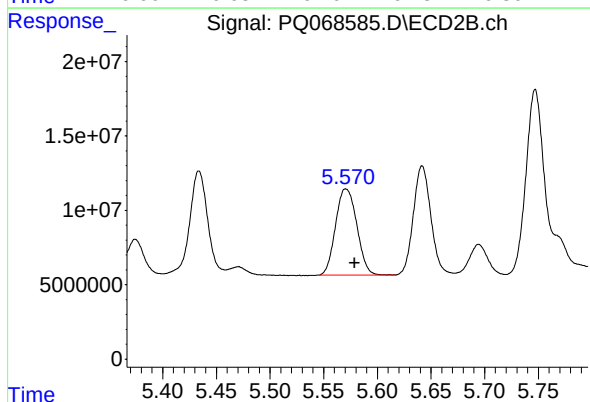
R.T.: 5.434 min
Delta R.T.: -0.003 min
Response: 83139372
Conc: 189.42 ng/ml



#33 AR-1260-3

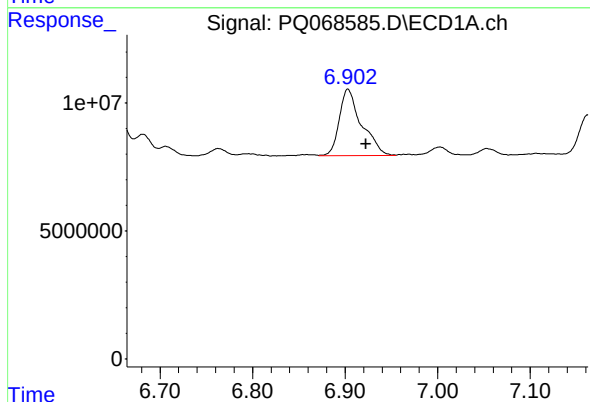
R.T.: 6.706 min
Delta R.T.: 0.000 min
Response: 4346653
Conc: 15.72 ng/ml

Instrument :
ECD_Q
ClientSampleId :



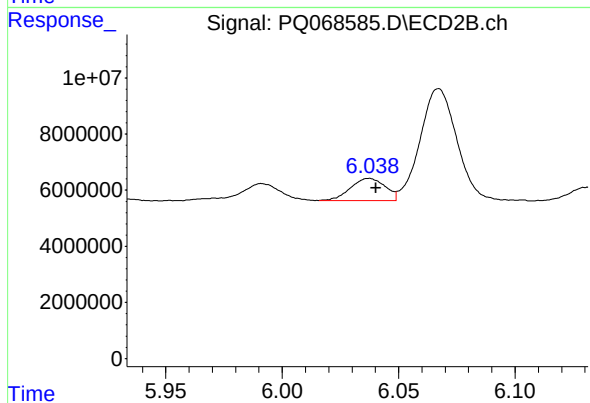
#33 AR-1260-3

R.T.: 5.571 min
Delta R.T.: -0.008 min
Response: 79942759
Conc: 185.47 ng/ml



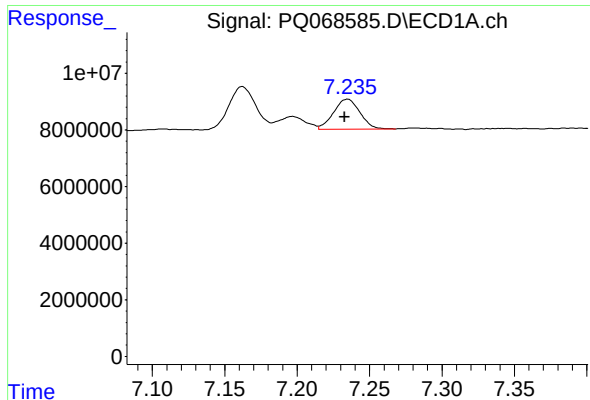
#34 AR-1260-4

R.T.: 6.903 min
Delta R.T.: -0.020 min
Response: 43277458
Conc: 141.75 ng/ml



#34 AR-1260-4

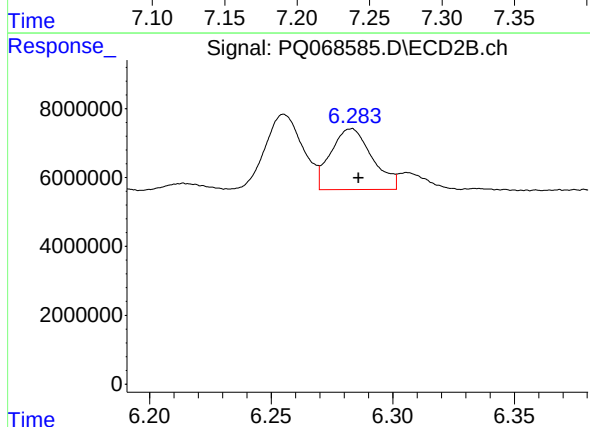
R.T.: 6.037 min
Delta R.T.: -0.003 min
Response: 8131094
Conc: 23.94 ng/ml



#35 AR-1260-5

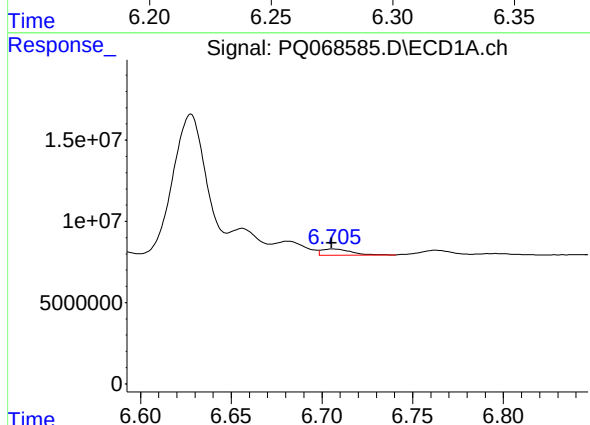
R.T.: 7.235 min
Delta R.T.: 0.002 min
Response: 13518862
Conc: 23.16 ng/ml

Instrument :
ECD_Q
ClientSampleId :



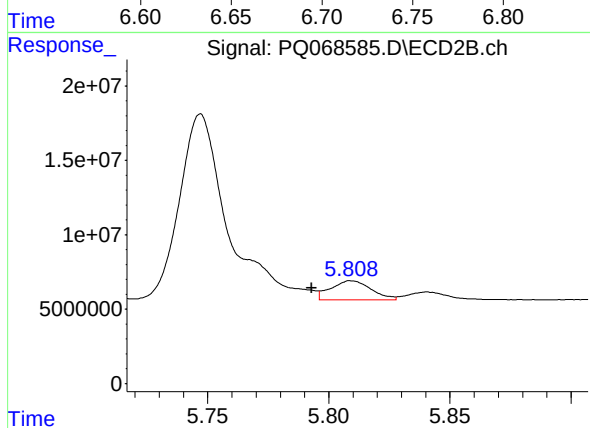
#35 AR-1260-5

R.T.: 6.283 min
Delta R.T.: -0.003 min
Response: 20982800
Conc: 26.44 ng/ml



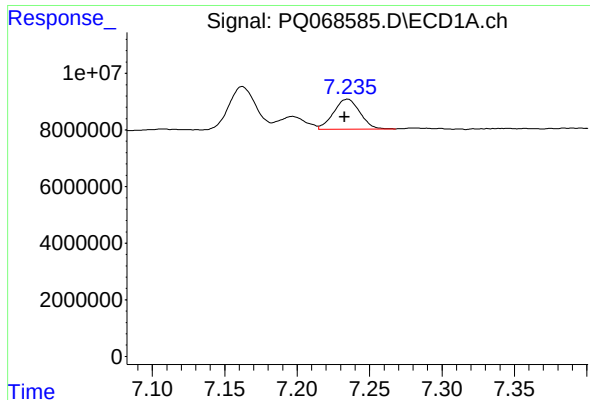
#36 AR-1262-1

R.T.: 6.706 min
Delta R.T.: 0.000 min
Response: 4346653
Conc: 10.29 ng/ml



#36 AR-1262-1

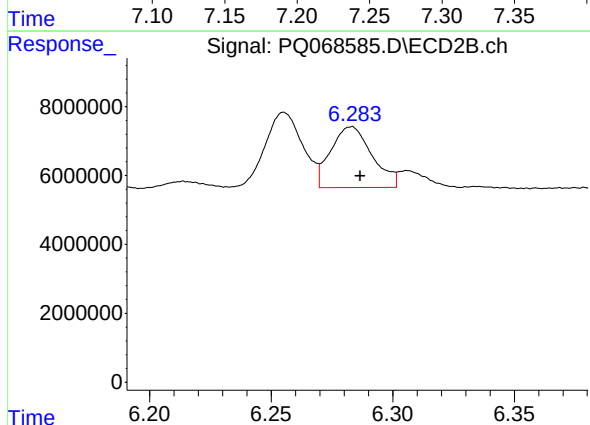
R.T.: 5.809 min
Delta R.T.: 0.016 min
Response: 14919420
Conc: 29.00 ng/ml



#37 AR-1262-2

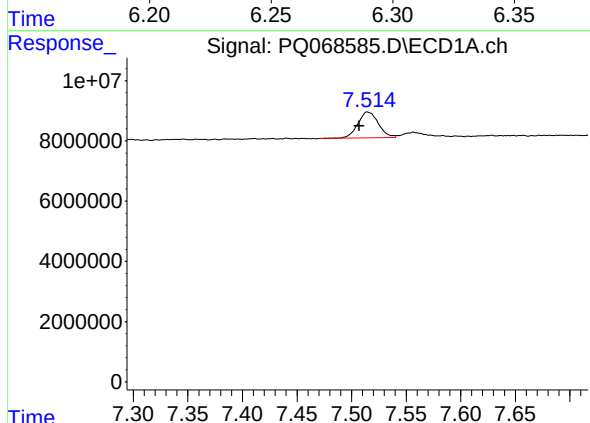
R.T.: 7.235 min
Delta R.T.: 0.002 min
Response: 13518862
Conc: 19.79 ng/ml

Instrument :
ECD_Q
ClientSampleId :



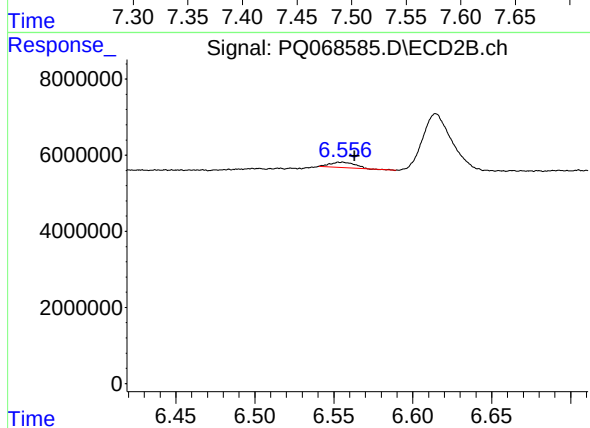
#37 AR-1262-2

R.T.: 6.283 min
Delta R.T.: -0.004 min
Response: 20982800
Conc: 23.30 ng/ml



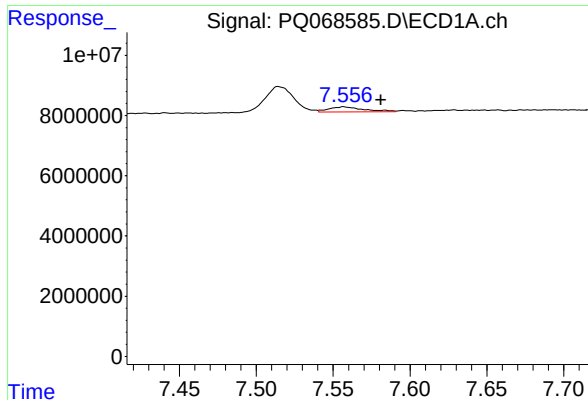
#38 AR-1262-3

R.T.: 7.515 min
Delta R.T.: 0.008 min
Response: 11287124
Conc: 25.50 ng/ml



#38 AR-1262-3

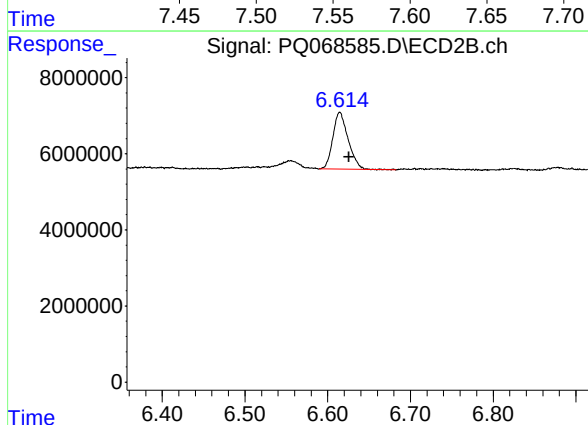
R.T.: 6.555 min
Delta R.T.: -0.008 min
Response: 1551078
Conc: 4.52 ng/ml



#39 AR-1262-4

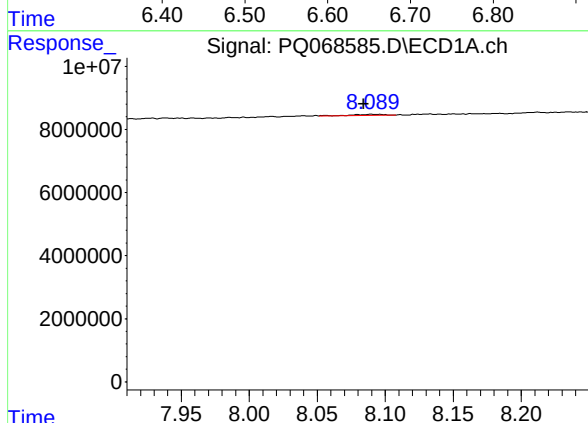
R.T.: 7.557 min
Delta R.T.: -0.024 min
Response: 2672115
Conc: 7.80 ng/ml

Instrument :
ECD_Q
ClientSampleId :



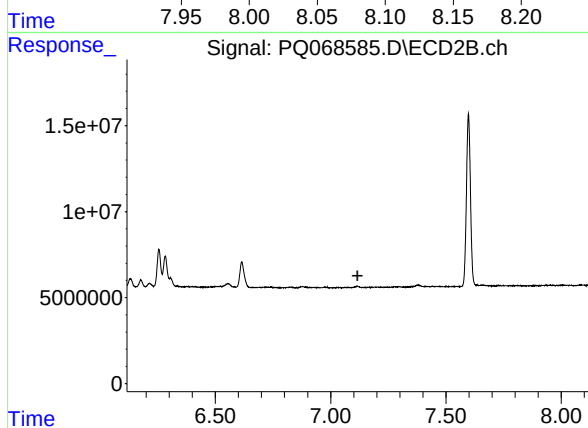
#39 AR-1262-4

R.T.: 6.615 min
Delta R.T.: -0.011 min
Response: 19314620
Conc: 29.19 ng/ml



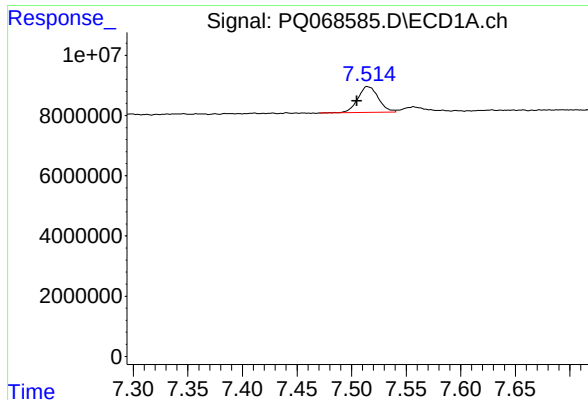
#40 AR-1262-5

R.T.: 8.090 min
Delta R.T.: 0.006 min
Response: 483615
Conc: 2.30 ng/ml



#40 AR-1262-5

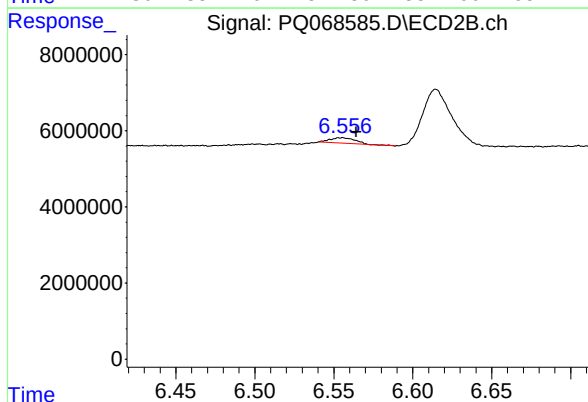
R.T.: 0.000 min
Exp R.T.: 7.116 min
Response: 0
Conc: N.D.



#41 AR-1268-1

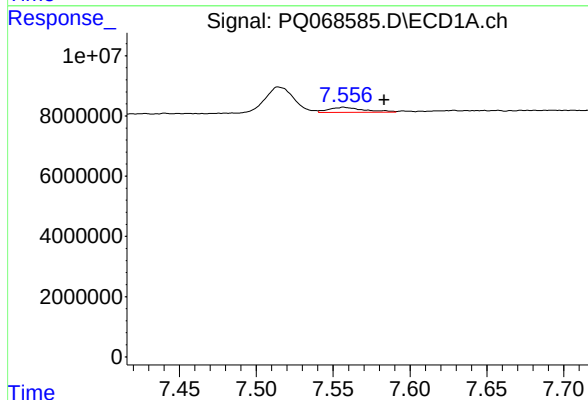
R.T.: 7.515 min
Delta R.T.: 0.010 min
Response: 11287124
Conc: 14.69 ng/ml

Instrument :
ECD_Q
ClientSampleId :



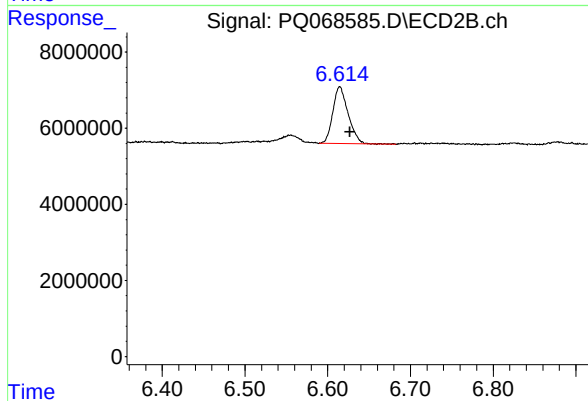
#41 AR-1268-1

R.T.: 6.555 min
Delta R.T.: -0.009 min
Response: 1551078
Conc: 1.56 ng/ml



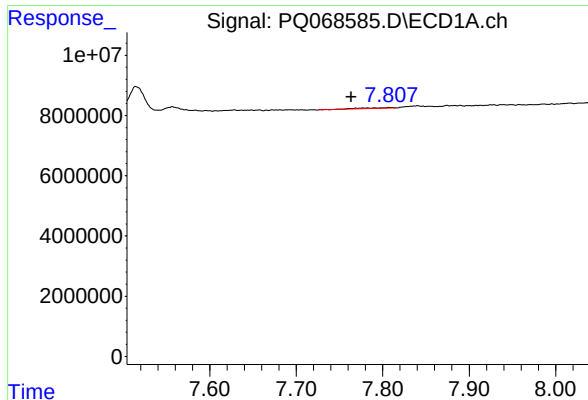
#42 AR-1268-2

R.T.: 7.557 min
Delta R.T.: -0.026 min
Response: 2672115
Conc: 3.72 ng/ml



#42 AR-1268-2

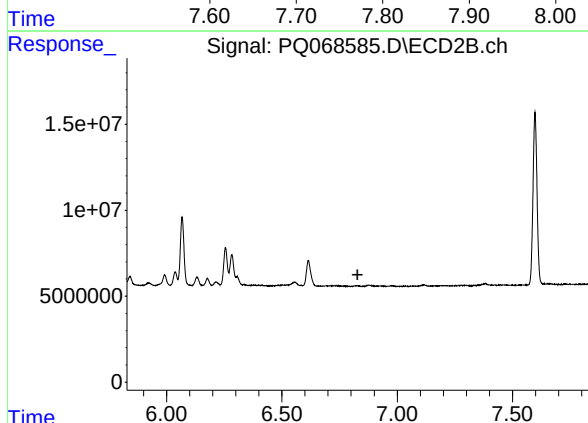
R.T.: 6.615 min
Delta R.T.: -0.013 min
Response: 19314620
Conc: 20.70 ng/ml



#43 AR-1268-3

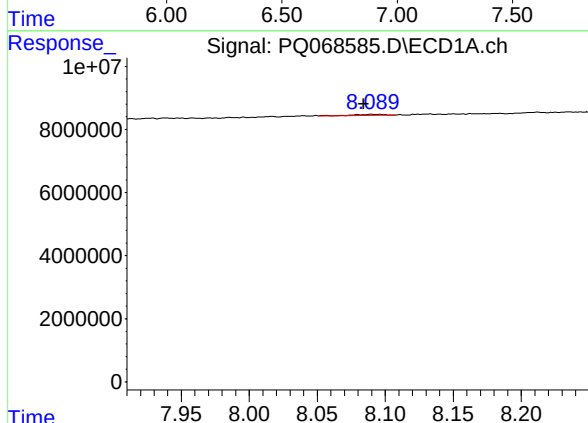
R.T.: 7.808 min
Delta R.T.: 0.044 min
Response: 501463
Conc: 0.87 ng/ml

Instrument :
ECD_Q
ClientSampleId :



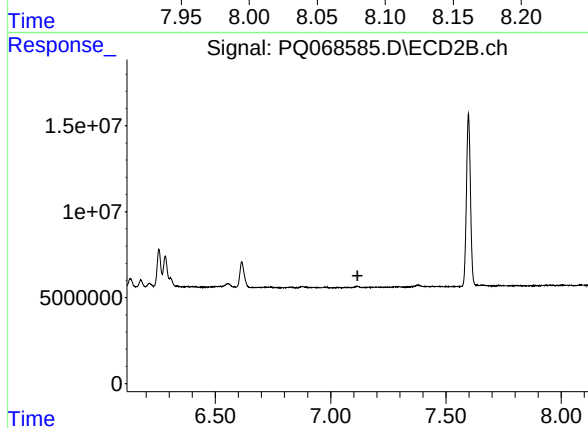
#43 AR-1268-3

R.T.: 0.000 min
Exp R.T. : 6.828 min
Response: 0
Conc: N.D.



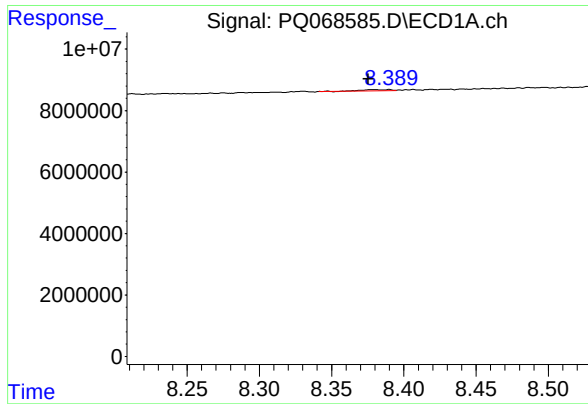
#44 AR-1268-4

R.T.: 8.090 min
Delta R.T.: 0.006 min
Response: 483615
Conc: 2.10 ng/ml



#44 AR-1268-4

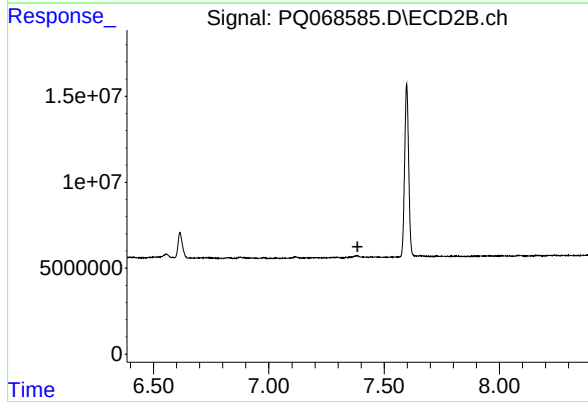
R.T.: 0.000 min
Exp R.T. : 7.116 min
Response: 0
Conc: N.D.



#45 AR-1268-5

R.T.: 8.378 min
Delta R.T.: 0.003 min
Response: 414549
Conc: 0.25 ng/ml

Instrument :
ECD_Q
ClientSampleId :



#45 AR-1268-5

R.T.: 0.000 min
Exp R.T. : 7.384 min
Response: 0
Conc: N.D.