

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ092623\
 Data File : PQ063385.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 26 Sep 2023 21:02
 Operator : YP\AJ
 Sample : AR1242CCC500
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 27 01:47:42 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ091923.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Sep 20 05:26:41 2023
 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...	3.462	2.781	240.1E6	168.9E6	51.265	48.884
2)	SA Decachlor...	8.696	7.581	180.4E6	168.6E6	51.630	46.897
Target Compounds							
3)	L1 AR-1016-1	4.578	3.792	63034278	52420870	433.536	420.840
4)	L1 AR-1016-2	4.597	3.808	100.7E6	74700258	430.959	420.233
5)	L1 AR-1016-3	4.655	3.969	61930309	40989160	430.980	424.793
6)	L1 AR-1016-4	4.748	4.018	49761425	34002478	436.246	419.460
7)	L1 AR-1016-5	5.038	4.214	52069706	43360043	443.115	430.738
8)	L2 AR-1221-1	3.661	2.984	8191357	7213298	143.175	155.093
9)	L2 AR-1221-2	3.745	3.062	9450283	7256343	249.975	234.644
10)	L2 AR-1221-3	3.816	3.131	38210641	29938224	302.743	280.994
11)	L3 AR-1232-1	3.816	3.131	38210641	29938224	366.931	344.322
12)	L3 AR-1232-2	4.316	3.808	55746058	74700258	876.407	923.724
13)	L3 AR-1232-3	4.597	3.969	100.7E6	40989160	960.826	966.279
14)	L3 AR-1232-4	4.748	4.055	49761425	38305472	1001.350	1044.666
15)	L3 AR-1232-5	4.846	4.214	39565887	43360043	1041.708	1005.149
16)	L4 AR-1242-1	4.578	3.792	63034278	52420870	477.989	480.410
17)	L4 AR-1242-2	4.597	3.808	100.7E6	74700258	486.583	480.635
18)	L4 AR-1242-3	4.655	3.969	61930309	40989160	488.505	488.681
19)	L4 AR-1242-4	4.748	4.055	49761425	38305472	482.463	478.009
20)	L4 AR-1242-5	5.470	4.553	53981824	50517118	493.619	482.710
21)	L5 AR-1248-1	4.578	3.792	63034278	52420870	641.435	653.253
22)	L5 AR-1248-2	4.846	4.018	39565887	34002478	276.644	283.993
23)	L5 AR-1248-3	5.038	4.055	52069706	38305472	302.681	334.110
24)	L5 AR-1248-4	5.435	4.214	50115477	43360043	262.123	307.511
25)	L5 AR-1248-5	5.470	4.591	53981824	43095254	290.166	311.874
26)	L6 AR-1254-1	5.406	4.553	39593956	50517118	196.878	239.586
27)	L6 AR-1254-2	5.622	4.701	45855601	13799762	150.395	74.560 #
28)	L6 AR-1254-3	5.982	5.084	19663048	17366510	59.941	60.695
29)	L6 AR-1254-4	6.269	5.311	14947581	12477624	61.714	67.398
30)	L6 AR-1254-5	6.684	5.720	3527349	4467359	13.735	17.291 #
31)	L7 AR-1260-1	6.150	5.218	2959391	7556696	12.303	37.424 #
32)	L7 AR-1260-2	6.408	5.404	2415142	2117468	8.524	8.653
33)	L7 AR-1260-3	0.000	5.541	0	2338735	N.D.	9.890 #
34)	L7 AR-1260-4	6.988	6.016	601722	266794	2.524	1.397 #
35)	L7 AR-1260-5	7.298	6.258	300158	972388	0.670	2.220 #
36)	L8 AR-1262-1	0.000	5.848f	0	92967	N.D.	0.884 #
37)	L8 AR-1262-2	7.298	6.016	300158	266794	0.578	1.149 #
38)	L8 AR-1262-3	7.578	6.551	460785	3420708	1.331	17.809 #
39)	L8 AR-1262-4	7.664	6.600	1259522	752761	4.627	2.153 #
40)	L8 AR-1262-5	8.174	7.053f	642954	807027	3.749	4.872 #
41)	L9 AR-1268-1	7.578	6.551	460785	3420708	0.746	6.101 #

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 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 26 Sep 2023 21:02
 Operator : YP\AJ
 Sample : AR1242CCC500
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

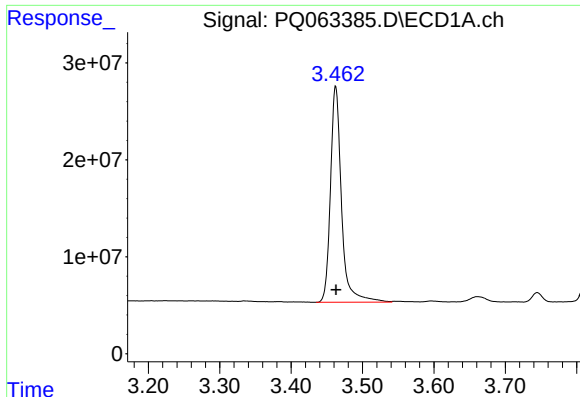
Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 27 01:47:42 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ091923.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Sep 20 05:26:41 2023
 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	7.664	6.600	1259522	752761	2.200	1.513 #
43) L9	AR-1268-3	7.834	6.798	764558	2022182	1.568	4.743 #
44) L9	AR-1268-4	8.174	7.137f	642954	140886	3.342	0.761 #
45) L9	AR-1268-5	8.457	7.363	2406919	1814414	1.685	1.380

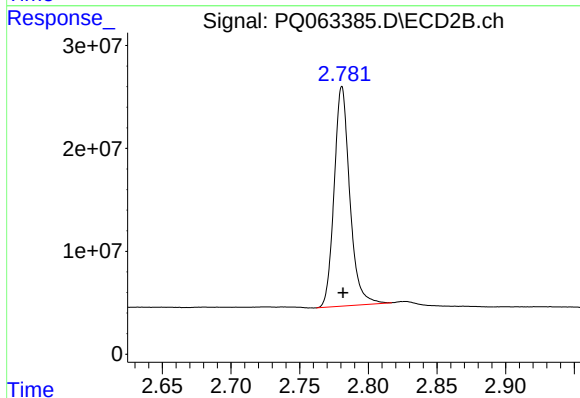
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

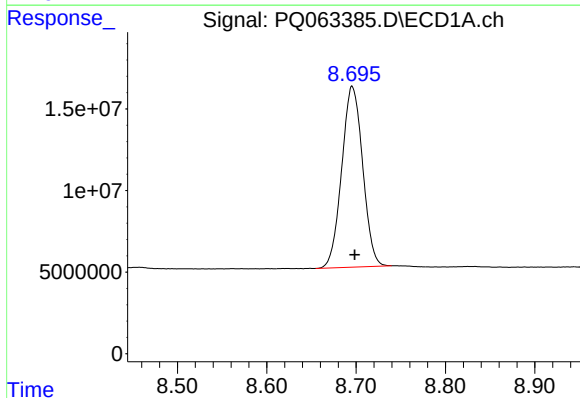
R.T.: 3.462 min
Delta R.T.: 0.000 min
Response: 240099106
Conc: 51.26 ng/ml

Instrument :
ECD_Q
ClientSampleId :



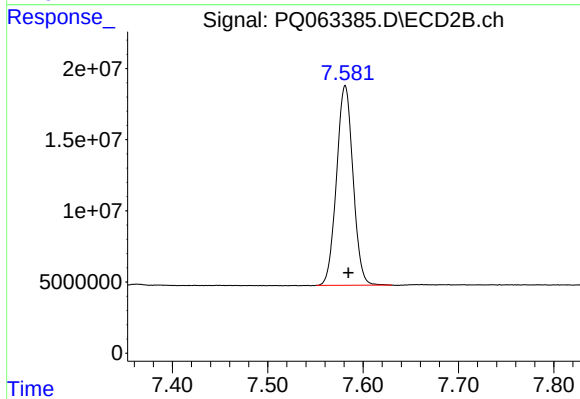
#1 Tetrachloro-m-xylene

R.T.: 2.781 min
Delta R.T.: 0.000 min
Response: 168940429
Conc: 48.88 ng/ml



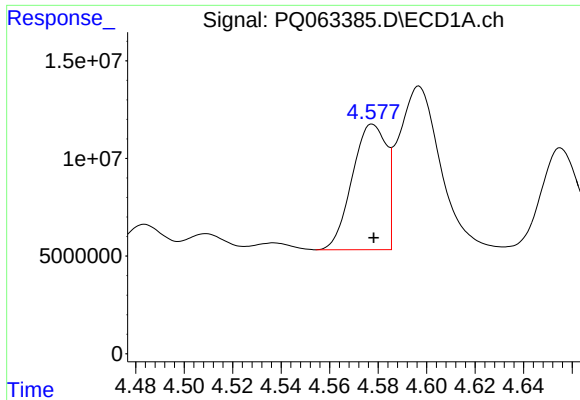
#2 Decachlorobiphenyl

R.T.: 8.696 min
Delta R.T.: -0.003 min
Response: 180422243
Conc: 51.63 ng/ml



#2 Decachlorobiphenyl

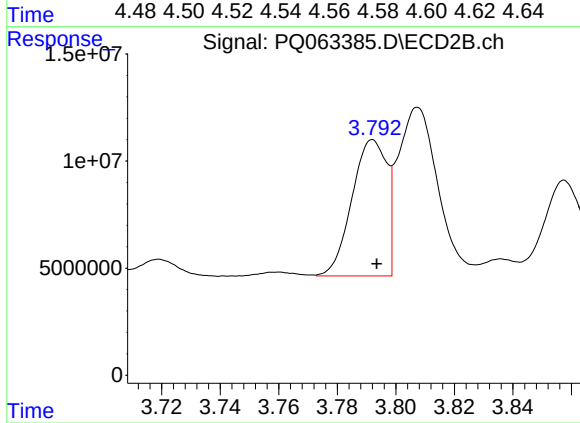
R.T.: 7.581 min
Delta R.T.: -0.003 min
Response: 168581566
Conc: 46.90 ng/ml



#3 AR-1016-1

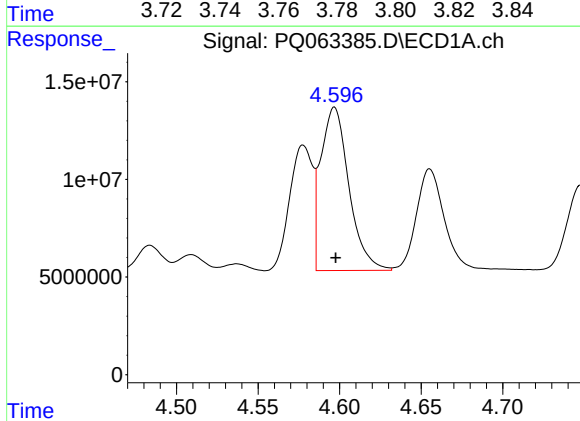
R.T.: 4.578 min
Delta R.T.: 0.000 min
Response: 63034278
Conc: 433.54 ng/ml

Instrument :
ECD_Q
ClientSampleId :



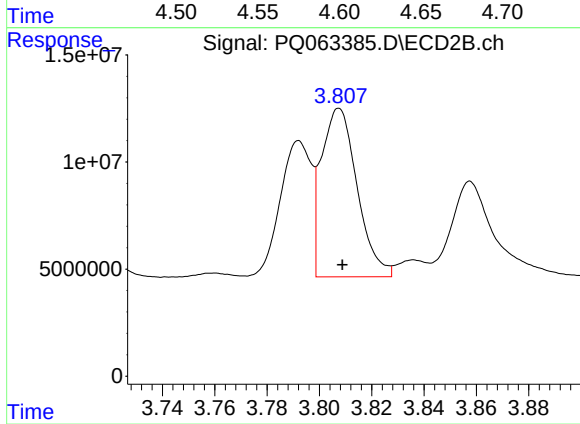
#3 AR-1016-1

R.T.: 3.792 min
Delta R.T.: -0.001 min
Response: 52420870
Conc: 420.84 ng/ml



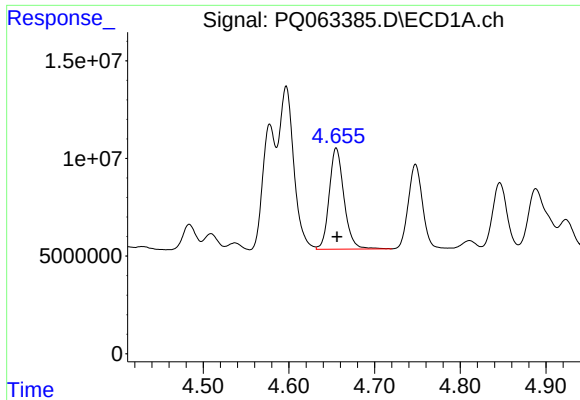
#4 AR-1016-2

R.T.: 4.597 min
Delta R.T.: 0.000 min
Response: 100689362
Conc: 430.96 ng/ml



#4 AR-1016-2

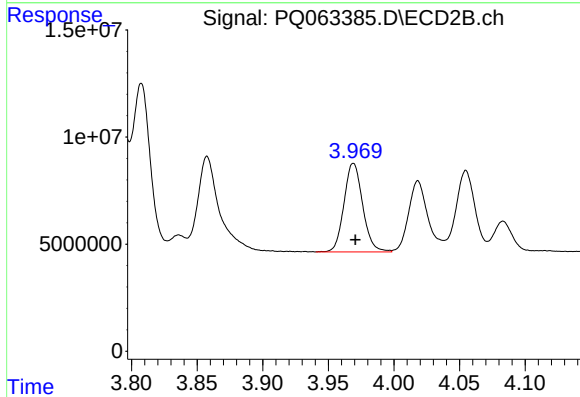
R.T.: 3.808 min
Delta R.T.: -0.001 min
Response: 74700258
Conc: 420.23 ng/ml



#5 AR-1016-3

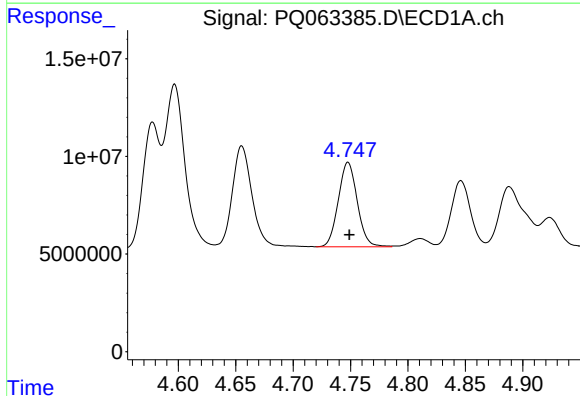
R.T.: 4.655 min
Delta R.T.: 0.000 min
Response: 61930309
Conc: 430.98 ng/ml

Instrument :
ECD_Q
ClientSampleId :



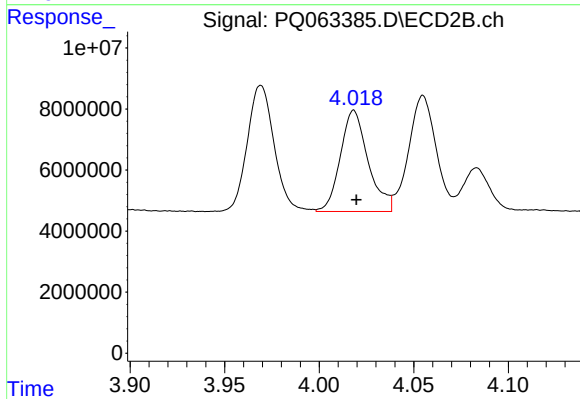
#5 AR-1016-3

R.T.: 3.969 min
Delta R.T.: -0.001 min
Response: 40989160
Conc: 424.79 ng/ml



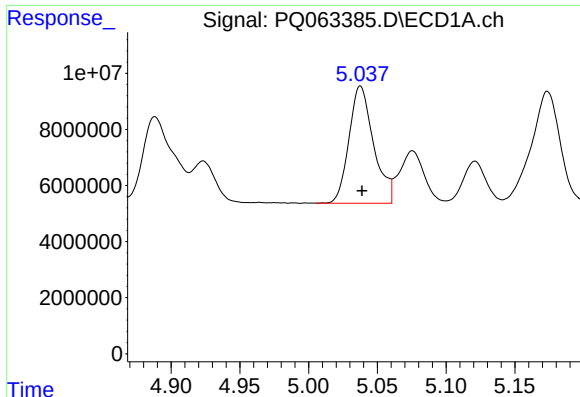
#6 AR-1016-4

R.T.: 4.748 min
Delta R.T.: -0.001 min
Response: 49761425
Conc: 436.25 ng/ml



#6 AR-1016-4

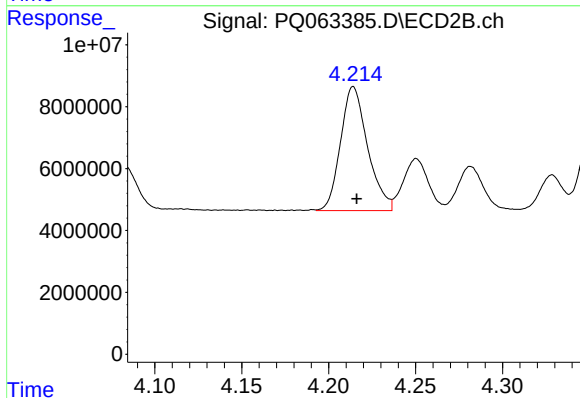
R.T.: 4.018 min
Delta R.T.: -0.001 min
Response: 34002478
Conc: 419.46 ng/ml



#7 AR-1016-5

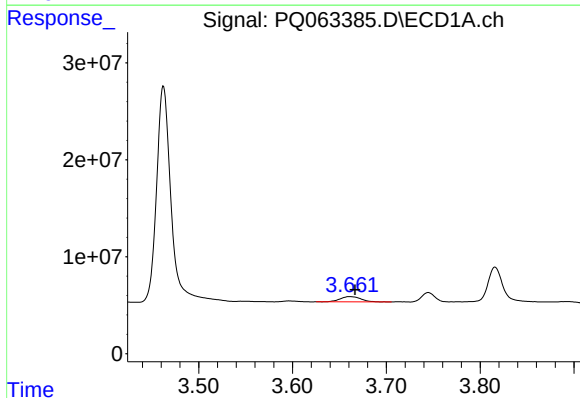
R.T.: 5.038 min
Delta R.T.: -0.001 min
Response: 52069706
Conc: 443.12 ng/ml

Instrument :
ECD_Q
ClientSampleId :



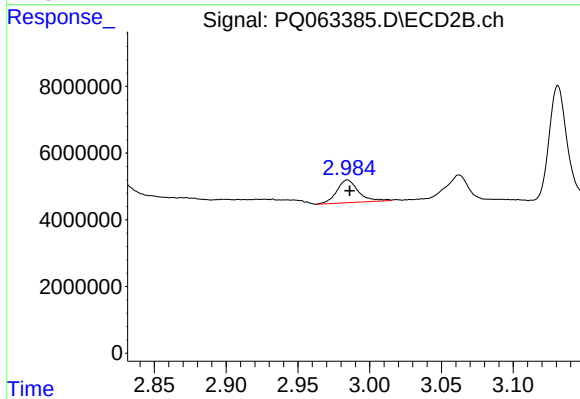
#7 AR-1016-5

R.T.: 4.214 min
Delta R.T.: -0.002 min
Response: 43360043
Conc: 430.74 ng/ml



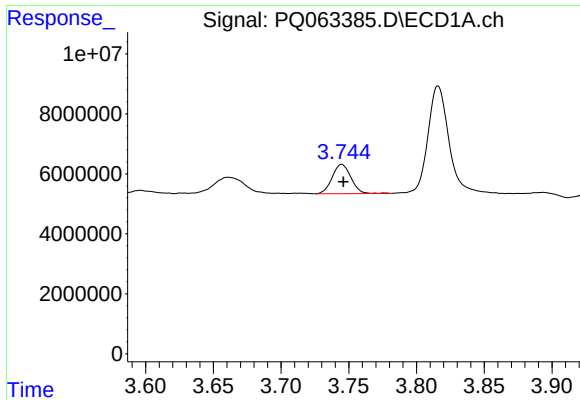
#8 AR-1221-1

R.T.: 3.661 min
Delta R.T.: -0.006 min
Response: 8191357
Conc: 143.17 ng/ml



#8 AR-1221-1

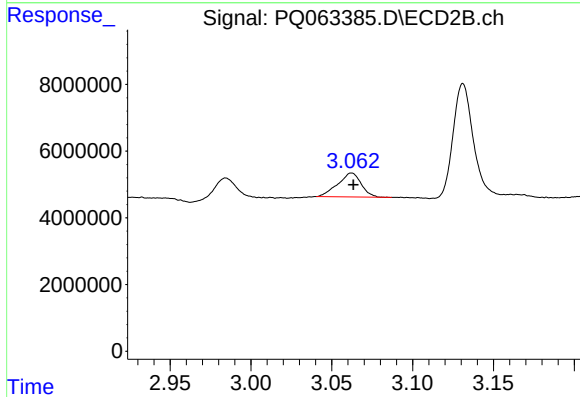
R.T.: 2.984 min
Delta R.T.: -0.002 min
Response: 7213298
Conc: 155.09 ng/ml



#9 AR-1221-2

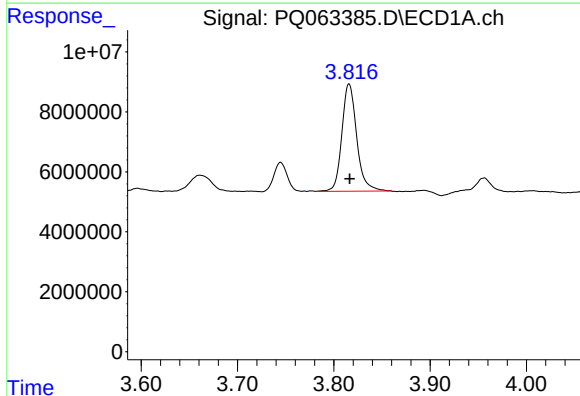
R.T.: 3.745 min
Delta R.T.: -0.001 min
Response: 9450283
Conc: 249.97 ng/ml

Instrument :
ECD_Q
ClientSampleId :



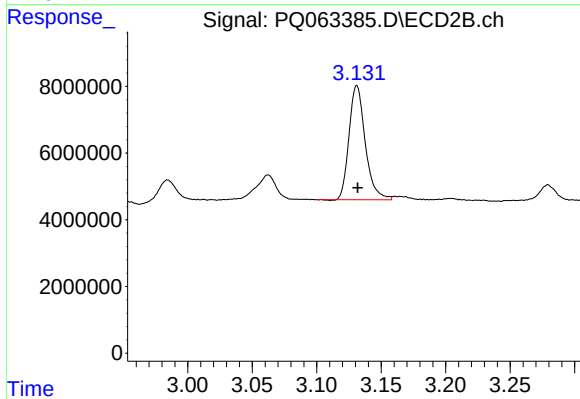
#9 AR-1221-2

R.T.: 3.062 min
Delta R.T.: -0.001 min
Response: 7256343
Conc: 234.64 ng/ml



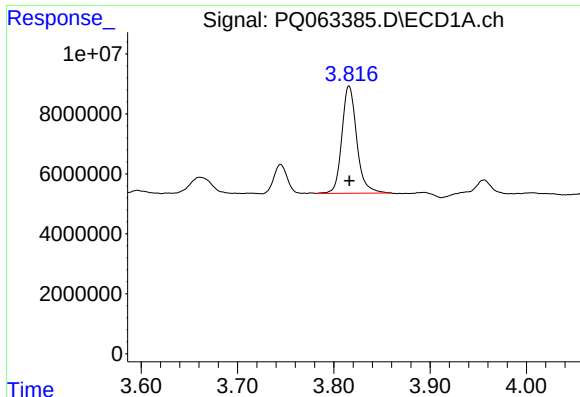
#10 AR-1221-3

R.T.: 3.816 min
Delta R.T.: 0.000 min
Response: 38210641
Conc: 302.74 ng/ml



#10 AR-1221-3

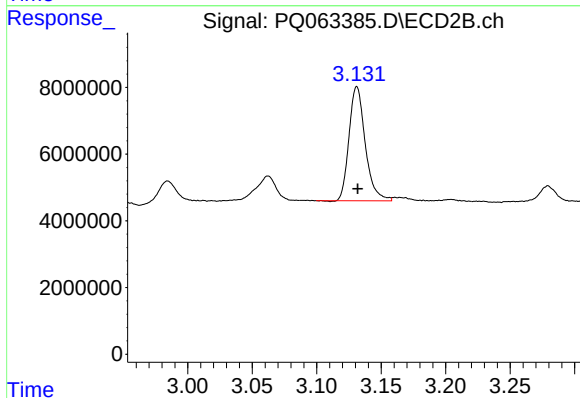
R.T.: 3.131 min
Delta R.T.: 0.000 min
Response: 29938224
Conc: 280.99 ng/ml



#11 AR-1232-1

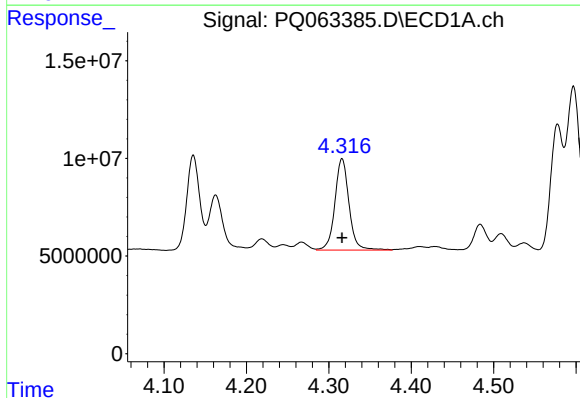
R.T.: 3.816 min
Delta R.T.: 0.000 min
Response: 38210641
Conc: 366.93 ng/ml

Instrument :
ECD_Q
ClientSampleId :



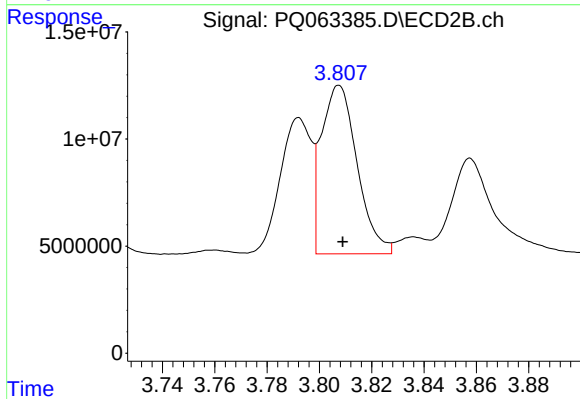
#11 AR-1232-1

R.T.: 3.131 min
Delta R.T.: 0.000 min
Response: 29938224
Conc: 344.32 ng/ml



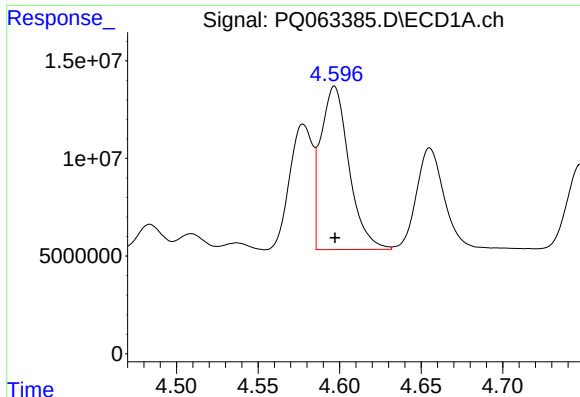
#12 AR-1232-2

R.T.: 4.316 min
Delta R.T.: 0.000 min
Response: 55746058
Conc: 876.41 ng/ml



#12 AR-1232-2

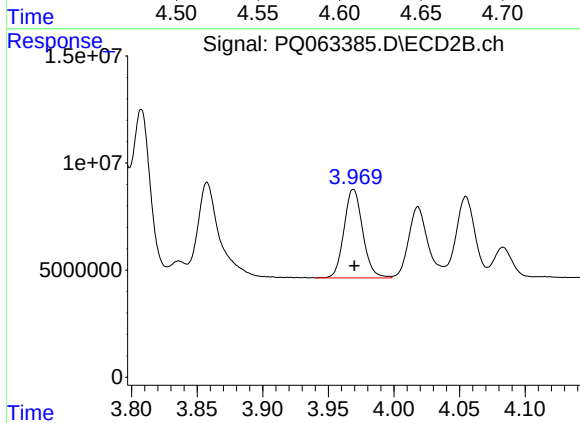
R.T.: 3.808 min
Delta R.T.: -0.001 min
Response: 74700258
Conc: 923.72 ng/ml



#13 AR-1232-3

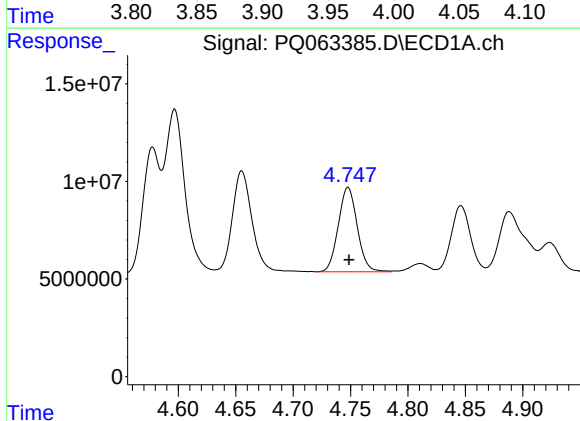
R.T.: 4.597 min
Delta R.T.: 0.000 min
Response: 100689362
Conc: 960.83 ng/ml

Instrument :
ECD_Q
ClientSampleId :



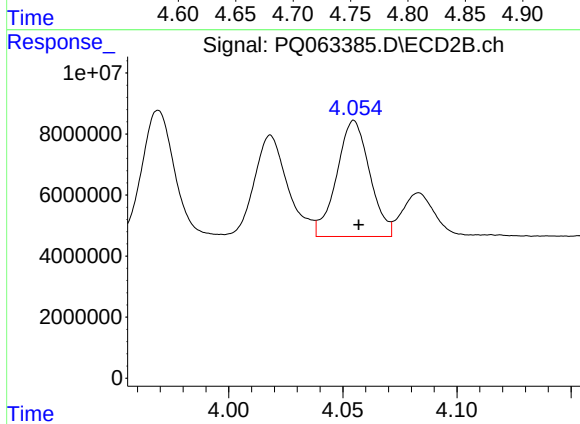
#13 AR-1232-3

R.T.: 3.969 min
Delta R.T.: 0.000 min
Response: 40989160
Conc: 966.28 ng/ml



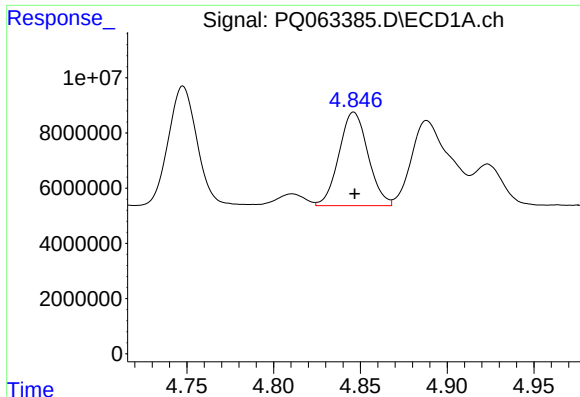
#14 AR-1232-4

R.T.: 4.748 min
Delta R.T.: 0.000 min
Response: 49761425
Conc: 1001.35 ng/ml



#14 AR-1232-4

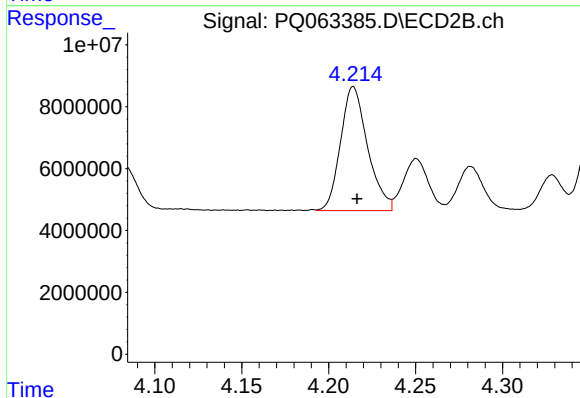
R.T.: 4.055 min
Delta R.T.: -0.002 min
Response: 38305472
Conc: 1044.67 ng/ml



#15 AR-1232-5

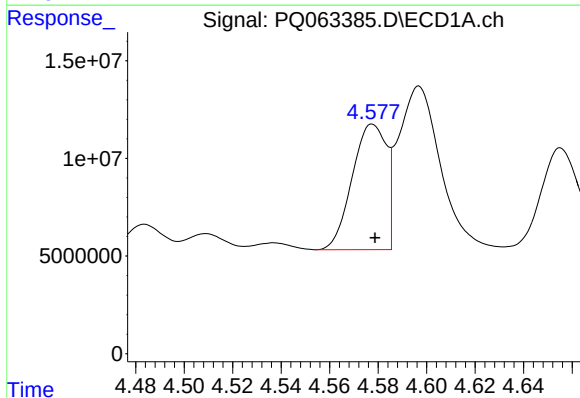
R.T.: 4.846 min
Delta R.T.: 0.000 min
Response: 39565887
Conc: 1041.71 ng/ml

Instrument :
ECD_Q
ClientSampleId :



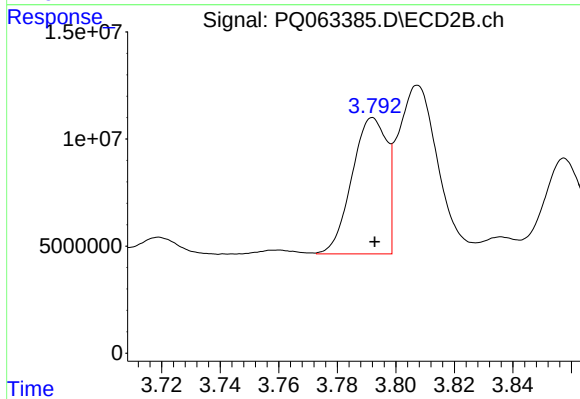
#15 AR-1232-5

R.T.: 4.214 min
Delta R.T.: -0.002 min
Response: 43360043
Conc: 1005.15 ng/ml



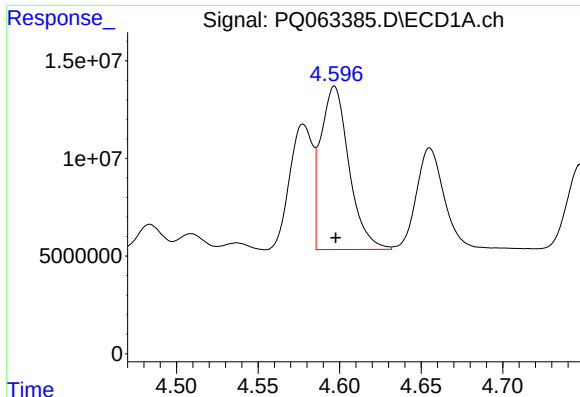
#16 AR-1242-1

R.T.: 4.578 min
Delta R.T.: 0.000 min
Response: 63034278
Conc: 477.99 ng/ml



#16 AR-1242-1

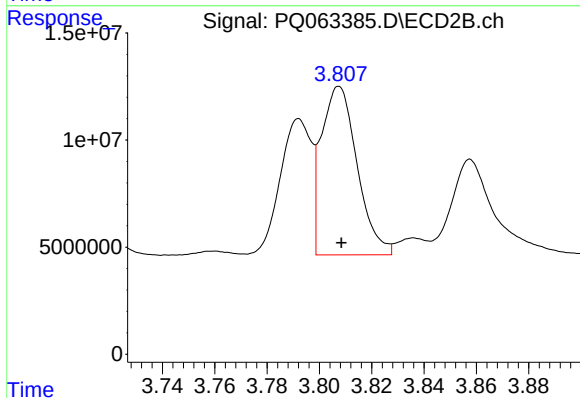
R.T.: 3.792 min
Delta R.T.: 0.000 min
Response: 52420870
Conc: 480.41 ng/ml



#17 AR-1242-2

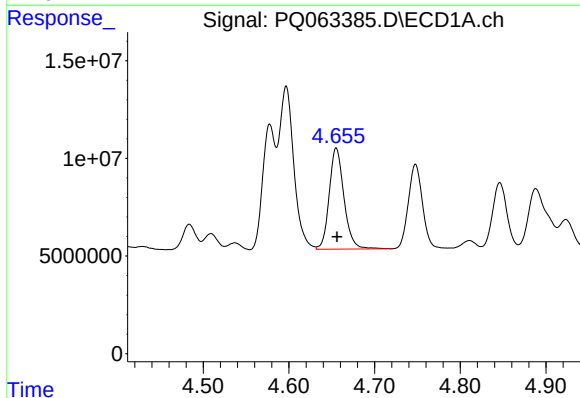
R.T.: 4.597 min
Delta R.T.: 0.000 min
Response: 100689362
Conc: 486.58 ng/ml

Instrument :
ECD_Q
ClientSampleId :



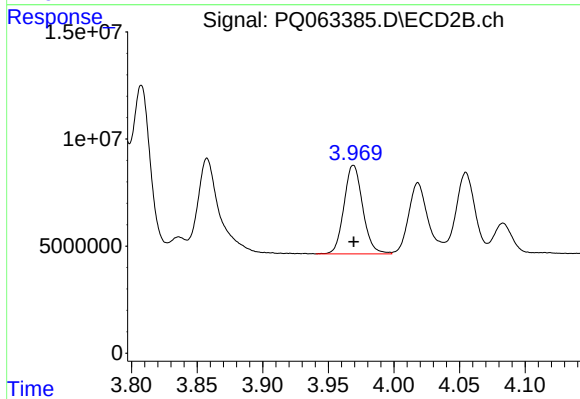
#17 AR-1242-2

R.T.: 3.808 min
Delta R.T.: 0.000 min
Response: 74700258
Conc: 480.63 ng/ml



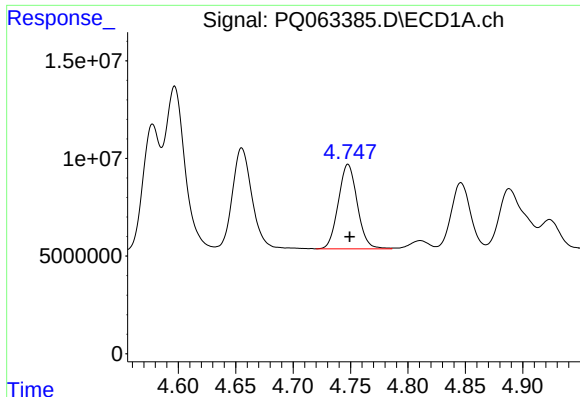
#18 AR-1242-3

R.T.: 4.655 min
Delta R.T.: -0.001 min
Response: 61930309
Conc: 488.50 ng/ml



#18 AR-1242-3

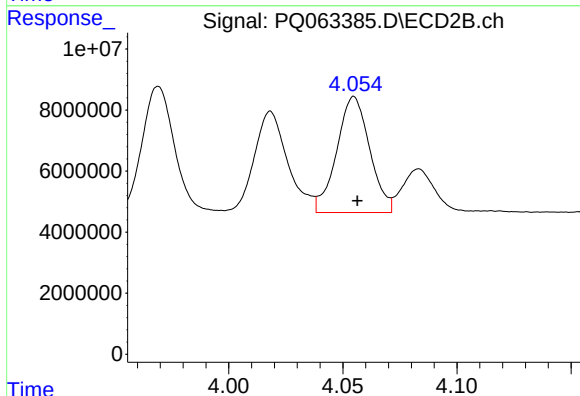
R.T.: 3.969 min
Delta R.T.: 0.000 min
Response: 40989160
Conc: 488.68 ng/ml



#19 AR-1242-4

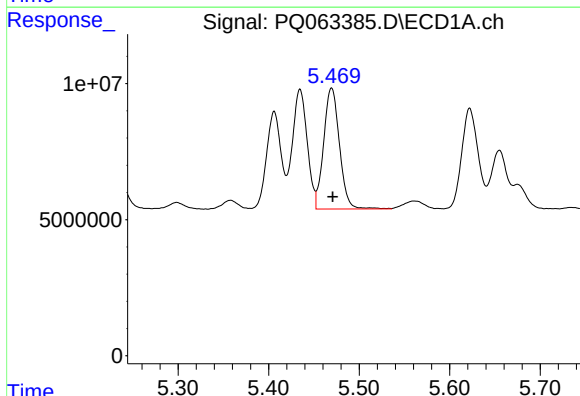
R.T.: 4.748 min
Delta R.T.: -0.002 min
Response: 49761425
Conc: 482.46 ng/ml

Instrument :
ECD_Q
ClientSampleId :



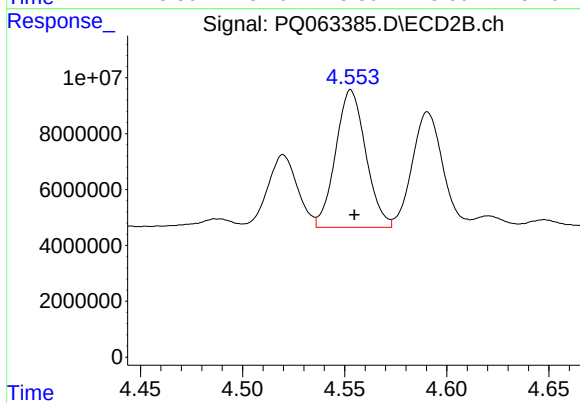
#19 AR-1242-4

R.T.: 4.055 min
Delta R.T.: -0.001 min
Response: 38305472
Conc: 478.01 ng/ml



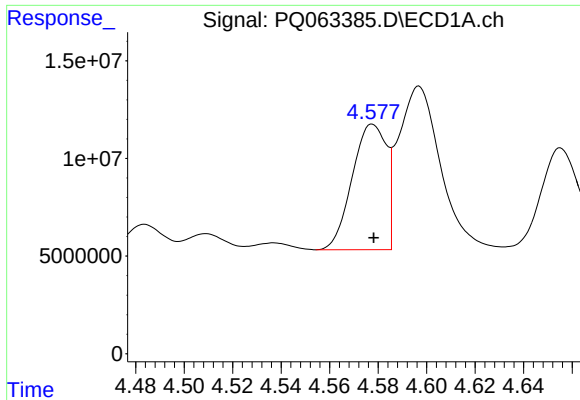
#20 AR-1242-5

R.T.: 5.470 min
Delta R.T.: -0.001 min
Response: 53981824
Conc: 493.62 ng/ml



#20 AR-1242-5

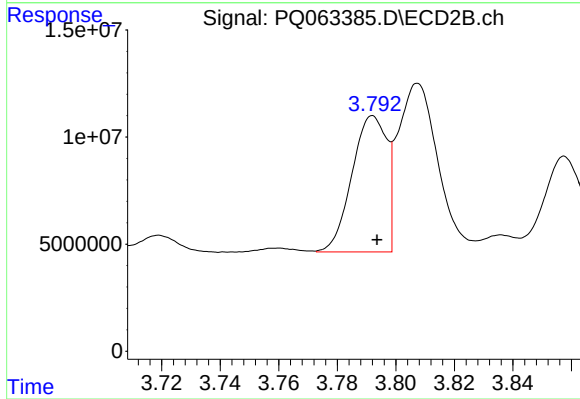
R.T.: 4.553 min
Delta R.T.: -0.002 min
Response: 50517118
Conc: 482.71 ng/ml



#21 AR-1248-1

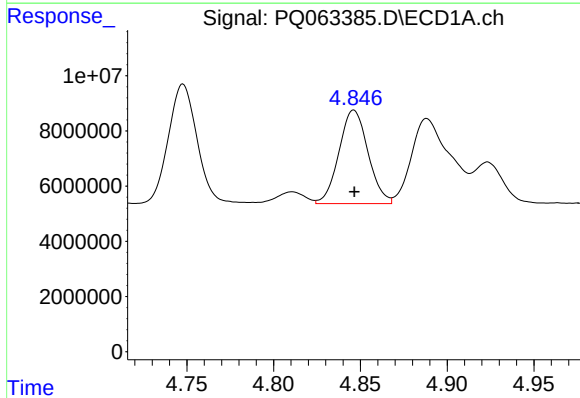
R.T.: 4.578 min
Delta R.T.: 0.000 min
Response: 63034278
Conc: 641.44 ng/ml

Instrument :
ECD_Q
ClientSampleId :



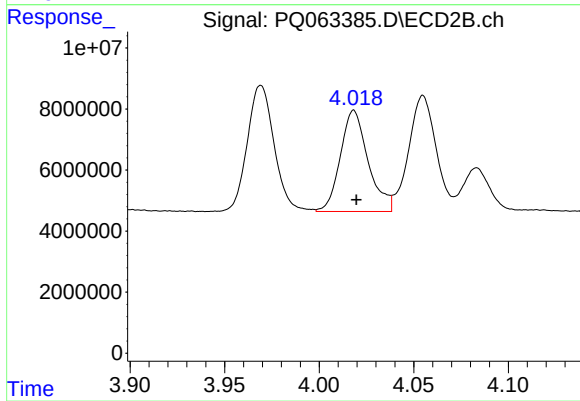
#21 AR-1248-1

R.T.: 3.792 min
Delta R.T.: -0.001 min
Response: 52420870
Conc: 653.25 ng/ml



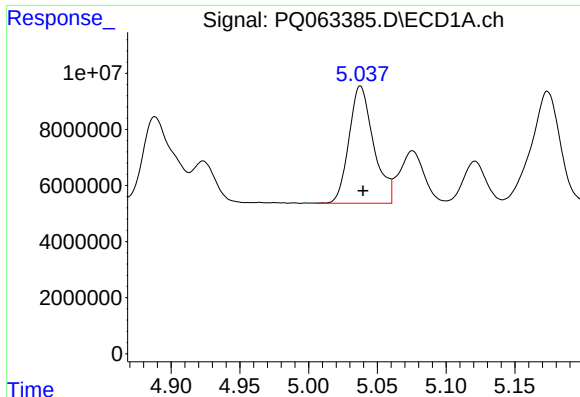
#22 AR-1248-2

R.T.: 4.846 min
Delta R.T.: 0.000 min
Response: 39565887
Conc: 276.64 ng/ml



#22 AR-1248-2

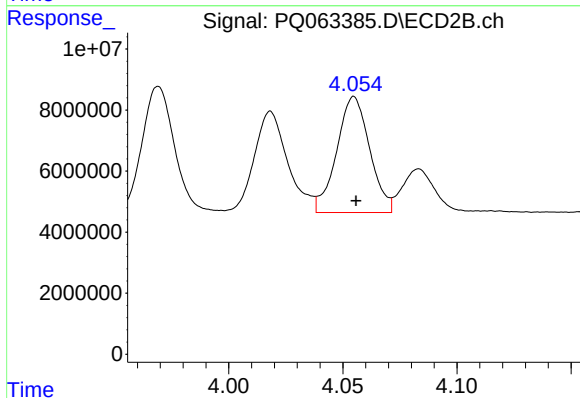
R.T.: 4.018 min
Delta R.T.: -0.001 min
Response: 34002478
Conc: 283.99 ng/ml



#23 AR-1248-3

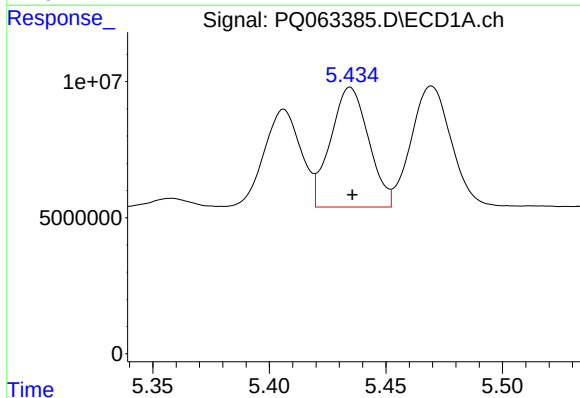
R.T.: 5.038 min
Delta R.T.: -0.002 min
Response: 52069706
Conc: 302.68 ng/ml

Instrument :
ECD_Q
ClientSampleId :



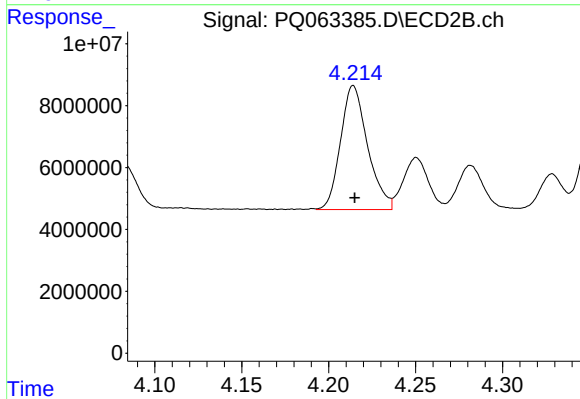
#23 AR-1248-3

R.T.: 4.055 min
Delta R.T.: 0.000 min
Response: 38305472
Conc: 334.11 ng/ml



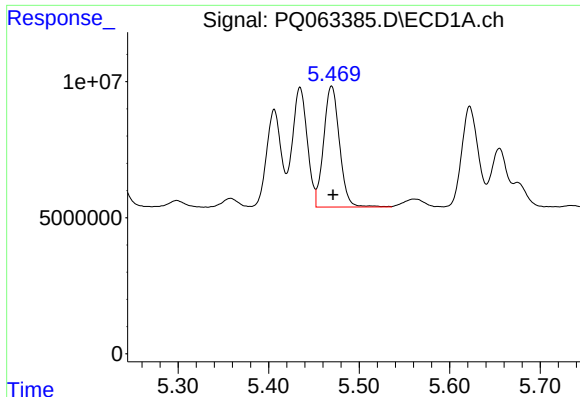
#24 AR-1248-4

R.T.: 5.435 min
Delta R.T.: 0.000 min
Response: 50115477
Conc: 262.12 ng/ml



#24 AR-1248-4

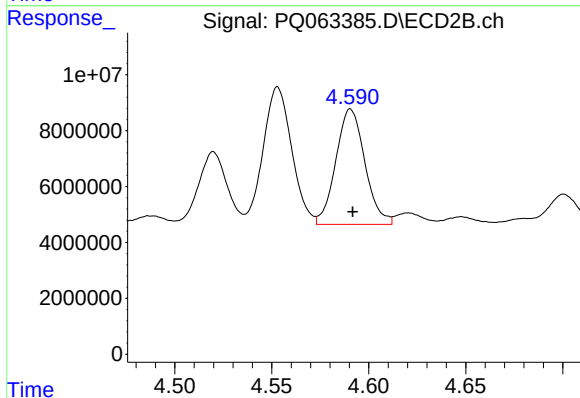
R.T.: 4.214 min
Delta R.T.: 0.000 min
Response: 43360043
Conc: 307.51 ng/ml



#25 AR-1248-5

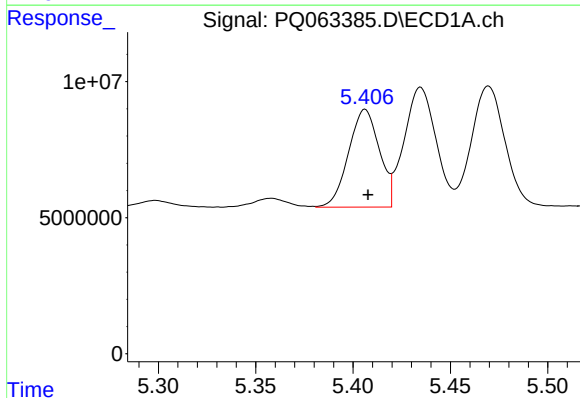
R.T.: 5.470 min
Delta R.T.: -0.002 min
Response: 53981824
Conc: 290.17 ng/ml

Instrument :
ECD_Q
ClientSampleId :



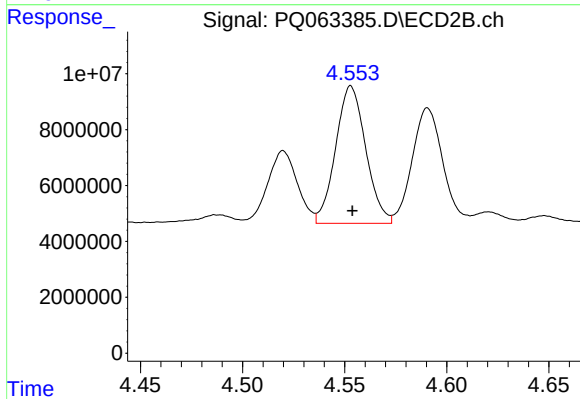
#25 AR-1248-5

R.T.: 4.591 min
Delta R.T.: -0.001 min
Response: 43095254
Conc: 311.87 ng/ml



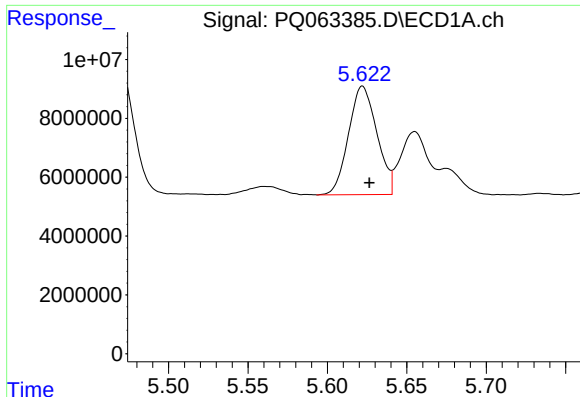
#26 AR-1254-1

R.T.: 5.406 min
Delta R.T.: -0.001 min
Response: 39593956
Conc: 196.88 ng/ml



#26 AR-1254-1

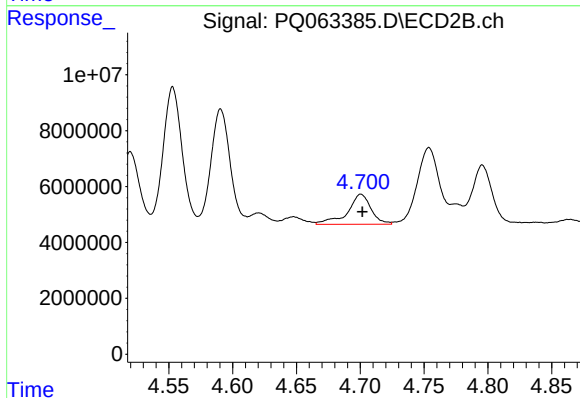
R.T.: 4.553 min
Delta R.T.: 0.000 min
Response: 50517118
Conc: 239.59 ng/ml



#27 AR-1254-2

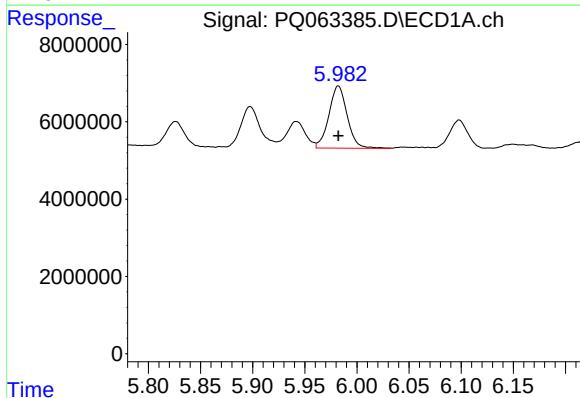
R.T.: 5.622 min
Delta R.T.: -0.004 min
Response: 45855601
Conc: 150.39 ng/ml

Instrument :
ECD_Q
ClientSampleId :



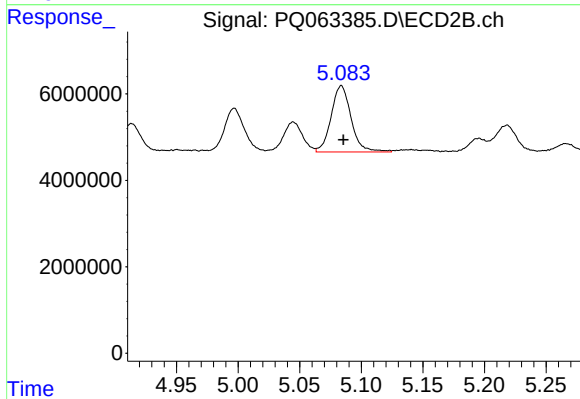
#27 AR-1254-2

R.T.: 4.701 min
Delta R.T.: -0.001 min
Response: 13799762
Conc: 74.56 ng/ml



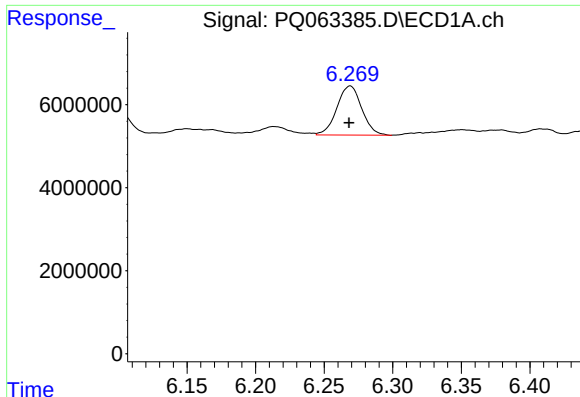
#28 AR-1254-3

R.T.: 5.982 min
Delta R.T.: 0.000 min
Response: 19663048
Conc: 59.94 ng/ml



#28 AR-1254-3

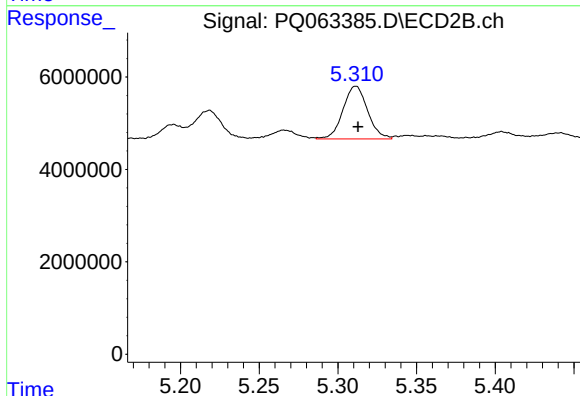
R.T.: 5.084 min
Delta R.T.: -0.002 min
Response: 17366510
Conc: 60.70 ng/ml



#29 AR-1254-4

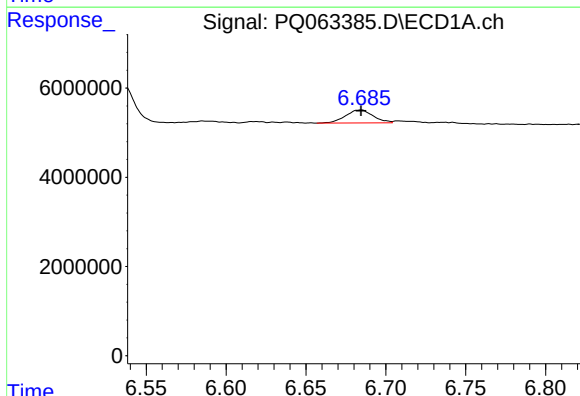
R.T.: 6.269 min
Delta R.T.: 0.000 min
Response: 14947581
Conc: 61.71 ng/ml

Instrument :
ECD_Q
ClientSampleId :



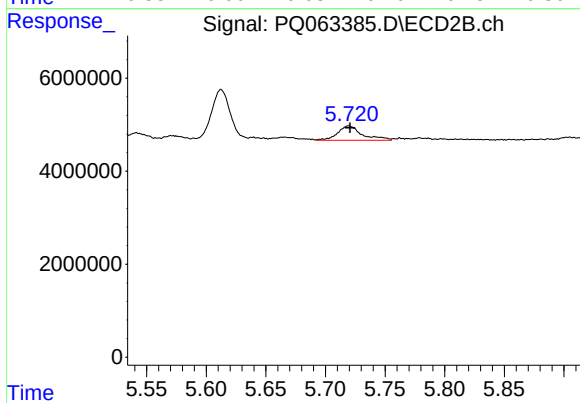
#29 AR-1254-4

R.T.: 5.311 min
Delta R.T.: -0.001 min
Response: 12477624
Conc: 67.40 ng/ml



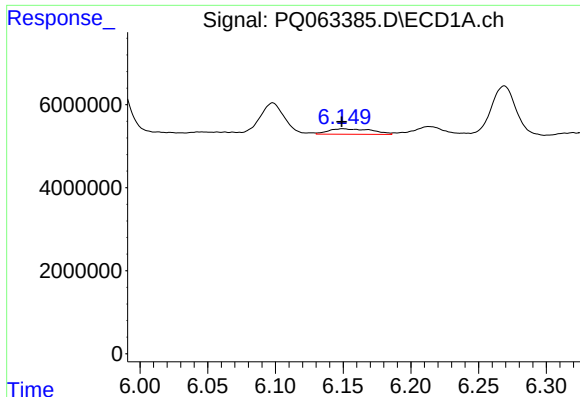
#30 AR-1254-5

R.T.: 6.684 min
Delta R.T.: 0.000 min
Response: 3527349
Conc: 13.74 ng/ml



#30 AR-1254-5

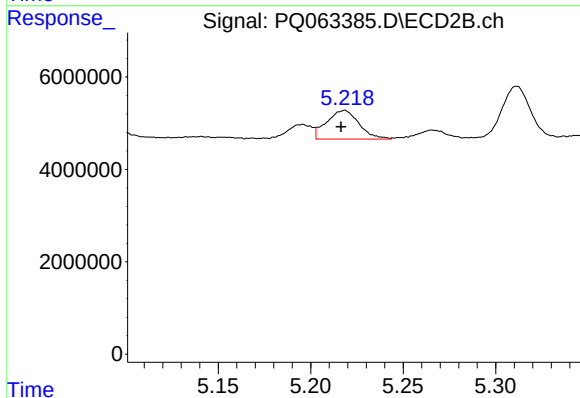
R.T.: 5.720 min
Delta R.T.: 0.000 min
Response: 4467359
Conc: 17.29 ng/ml



#31 AR-1260-1

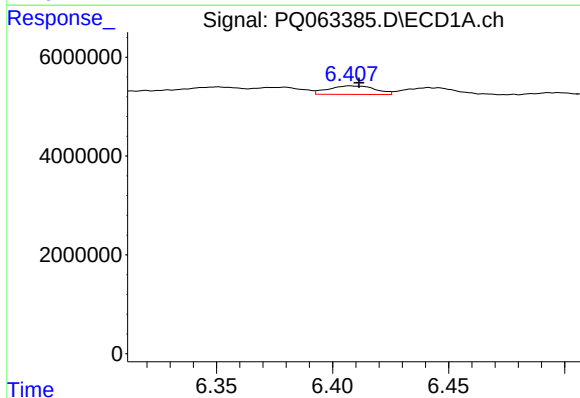
R.T.: 6.150 min
Delta R.T.: 0.000 min
Response: 2959391
Conc: 12.30 ng/ml

Instrument :
ECD_Q
ClientSampleId :



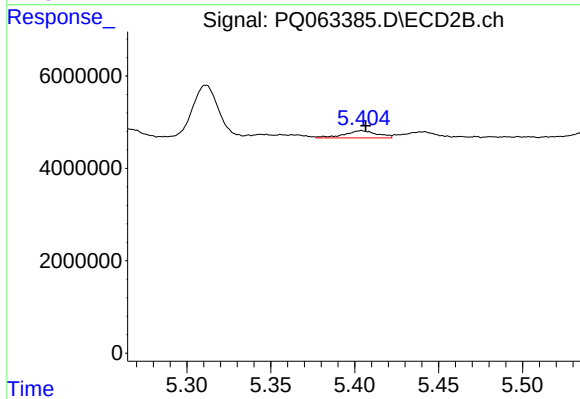
#31 AR-1260-1

R.T.: 5.218 min
Delta R.T.: 0.002 min
Response: 7556696
Conc: 37.42 ng/ml



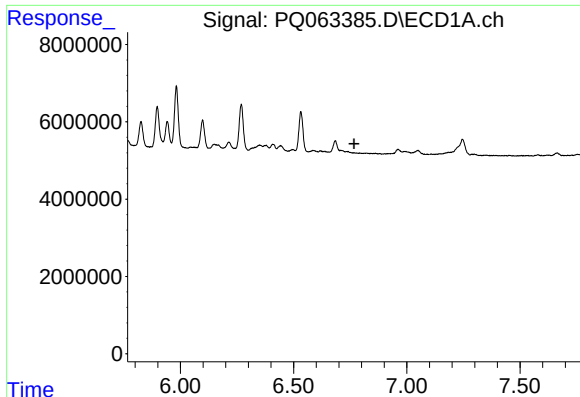
#32 AR-1260-2

R.T.: 6.408 min
Delta R.T.: -0.004 min
Response: 2415142
Conc: 8.52 ng/ml



#32 AR-1260-2

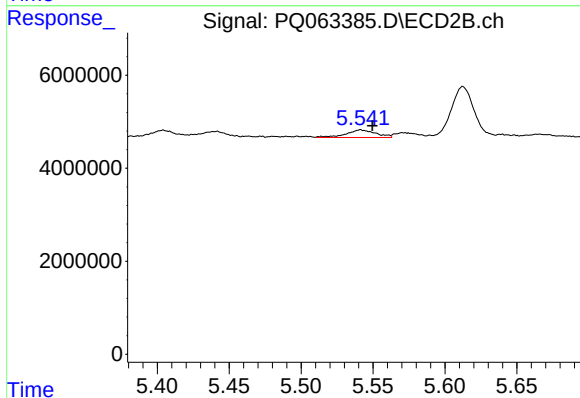
R.T.: 5.404 min
Delta R.T.: -0.003 min
Response: 2117468
Conc: 8.65 ng/ml



#33 AR-1260-3

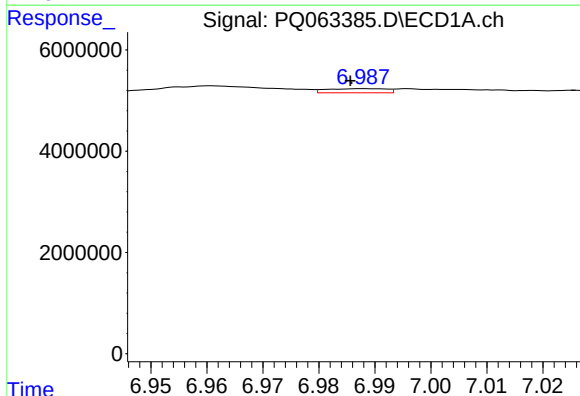
R.T.: 0.000 min
Exp R.T.: 6.767 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



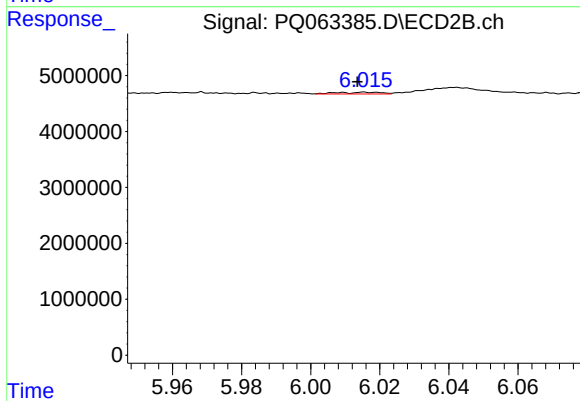
#33 AR-1260-3

R.T.: 5.541 min
Delta R.T.: -0.008 min
Response: 2338735
Conc: 9.89 ng/ml



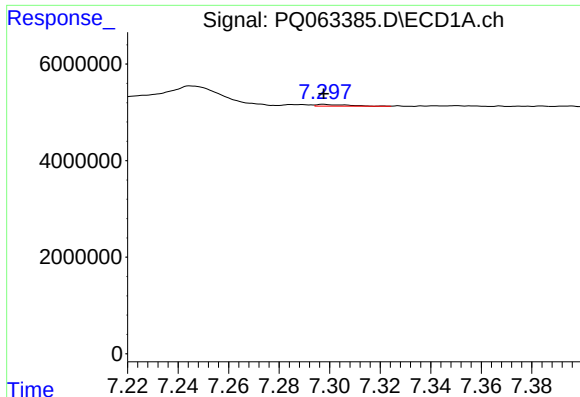
#34 AR-1260-4

R.T.: 6.988 min
Delta R.T.: 0.003 min
Response: 601722
Conc: 2.52 ng/ml



#34 AR-1260-4

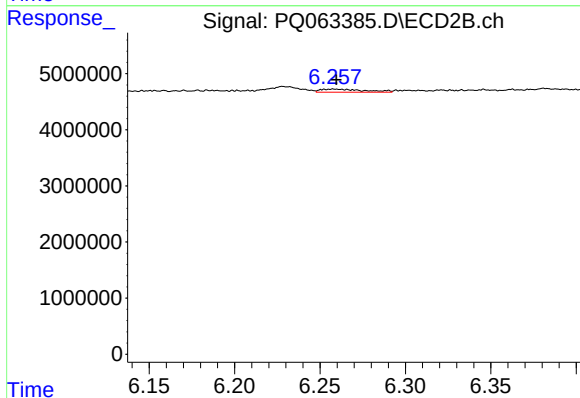
R.T.: 6.016 min
Delta R.T.: 0.002 min
Response: 266794
Conc: 1.40 ng/ml



#35 AR-1260-5

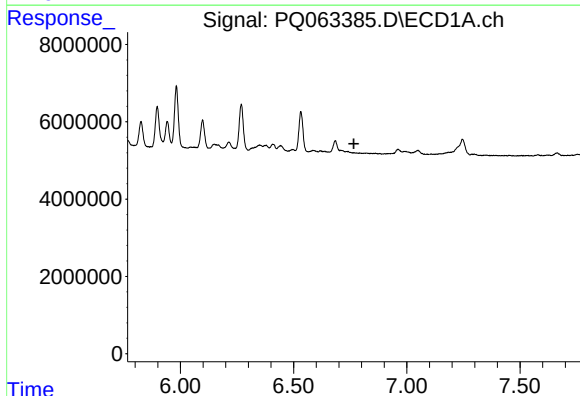
R.T.: 7.298 min
Delta R.T.: 0.000 min
Response: 300158
Conc: 0.67 ng/ml

Instrument :
ECD_Q
ClientSampleId :



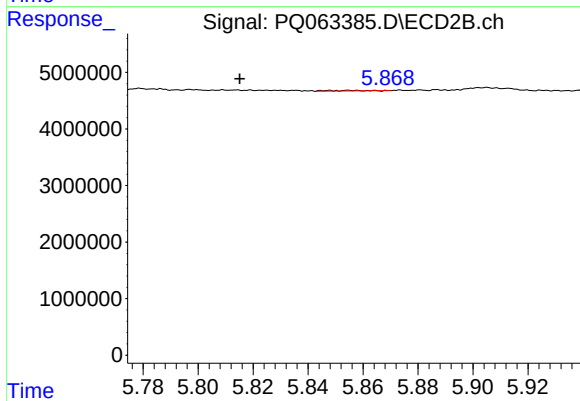
#35 AR-1260-5

R.T.: 6.258 min
Delta R.T.: -0.001 min
Response: 972388
Conc: 2.22 ng/ml



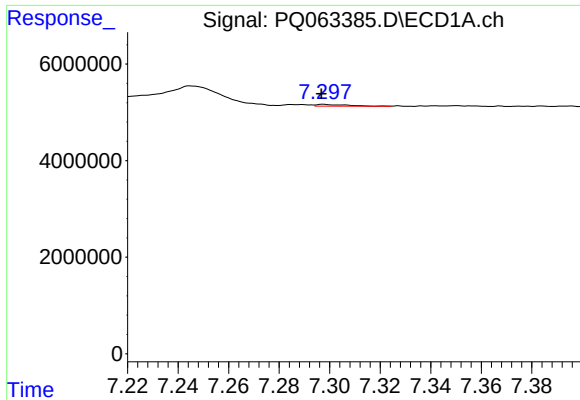
#36 AR-1262-1

R.T.: 0.000 min
Exp R.T. : 6.766 min
Response: 0
Conc: N.D.



#36 AR-1262-1

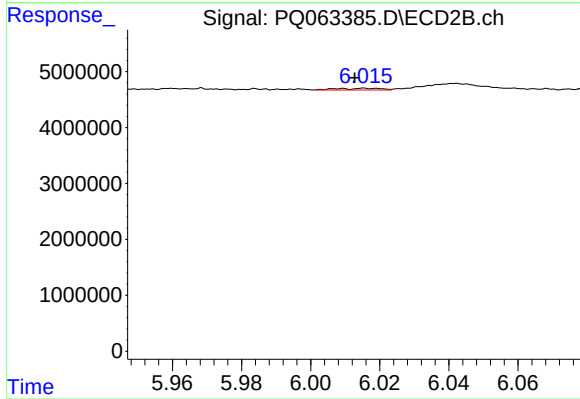
R.T.: 5.848 min
Delta R.T.: 0.032 min
Response: 92967
Conc: 0.88 ng/ml



#37 AR-1262-2

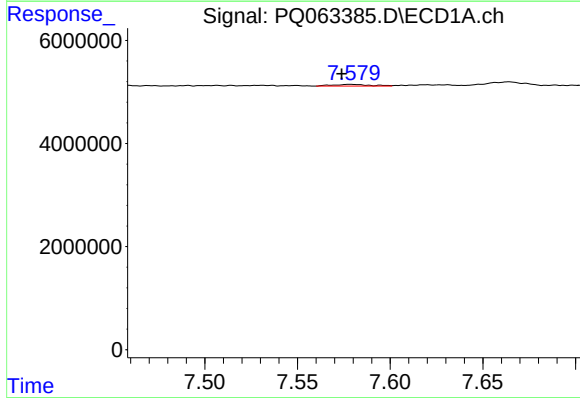
R.T.: 7.298 min
Delta R.T.: 0.000 min
Response: 300158
Conc: 0.58 ng/ml

Instrument :
ECD_Q
ClientSampleId :



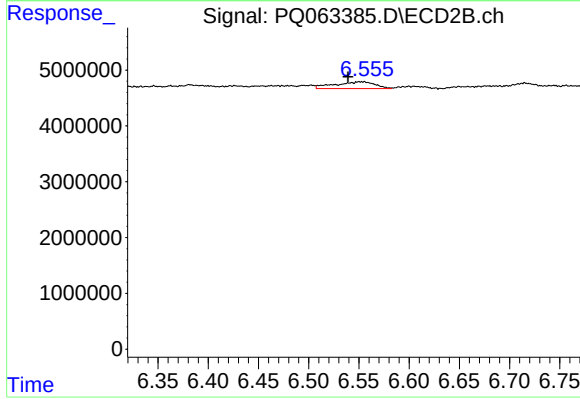
#37 AR-1262-2

R.T.: 6.016 min
Delta R.T.: 0.003 min
Response: 266794
Conc: 1.15 ng/ml



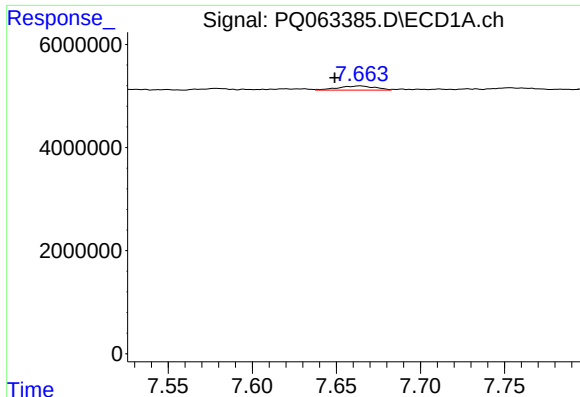
#38 AR-1262-3

R.T.: 7.578 min
Delta R.T.: 0.005 min
Response: 460785
Conc: 1.33 ng/ml



#38 AR-1262-3

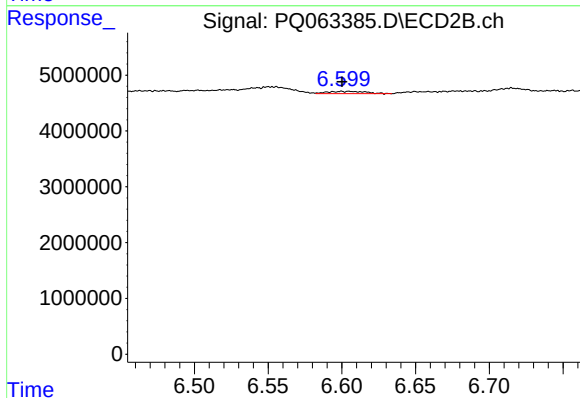
R.T.: 6.551 min
Delta R.T.: 0.012 min
Response: 3420708
Conc: 17.81 ng/ml



#39 AR-1262-4

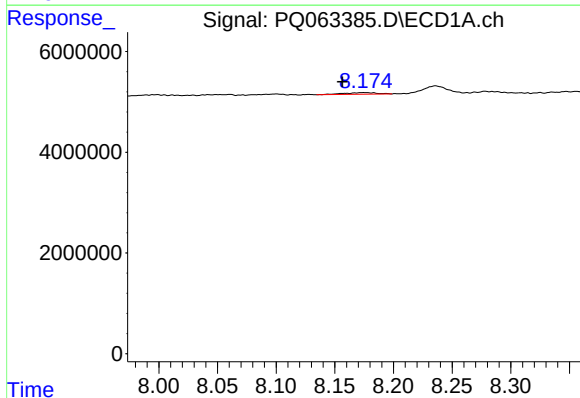
R.T.: 7.664 min
Delta R.T.: 0.015 min
Response: 1259522
Conc: 4.63 ng/ml

Instrument :
ECD_Q
ClientSampleId :



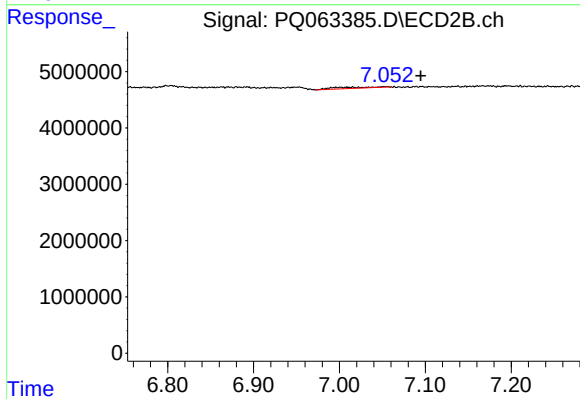
#39 AR-1262-4

R.T.: 6.600 min
Delta R.T.: 0.000 min
Response: 752761
Conc: 2.15 ng/ml



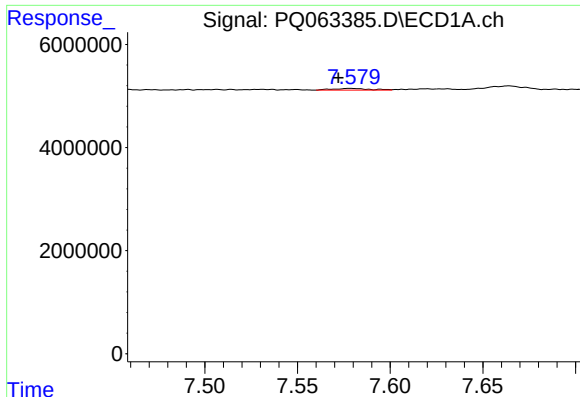
#40 AR-1262-5

R.T.: 8.174 min
Delta R.T.: 0.017 min
Response: 642954
Conc: 3.75 ng/ml



#40 AR-1262-5

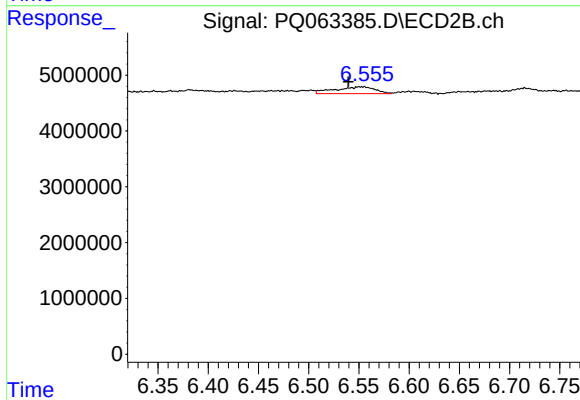
R.T.: 7.053 min
Delta R.T.: -0.042 min
Response: 807027
Conc: 4.87 ng/ml



#41 AR-1268-1

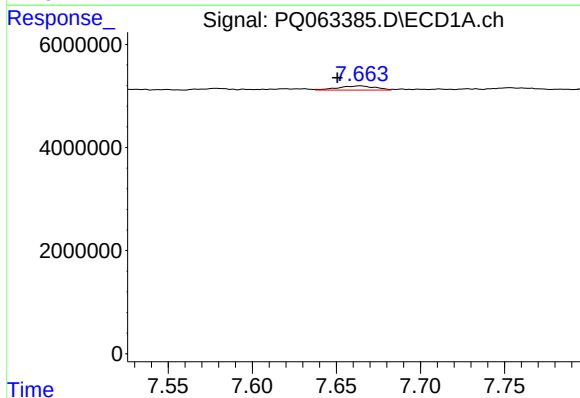
R.T.: 7.578 min
Delta R.T.: 0.006 min
Response: 460785
Conc: 0.75 ng/ml

Instrument :
ECD_Q
ClientSampleId :



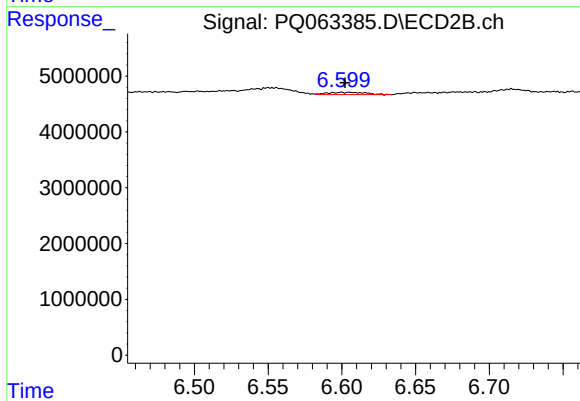
#41 AR-1268-1

R.T.: 6.551 min
Delta R.T.: 0.011 min
Response: 3420708
Conc: 6.10 ng/ml



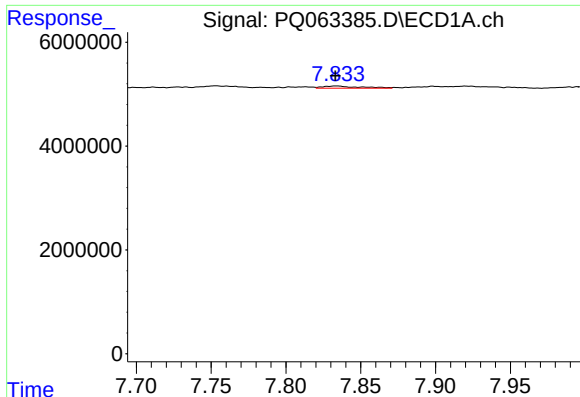
#42 AR-1268-2

R.T.: 7.664 min
Delta R.T.: 0.013 min
Response: 1259522
Conc: 2.20 ng/ml



#42 AR-1268-2

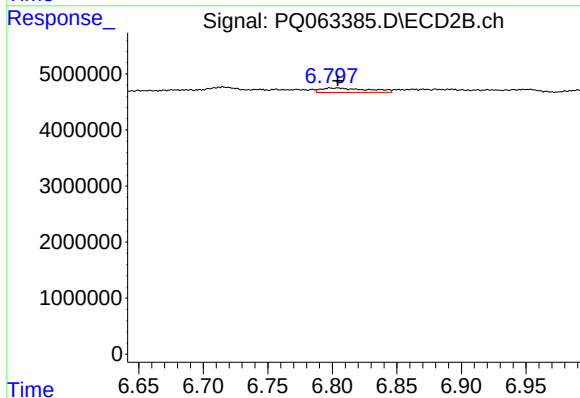
R.T.: 6.600 min
Delta R.T.: -0.003 min
Response: 752761
Conc: 1.51 ng/ml



#43 AR-1268-3

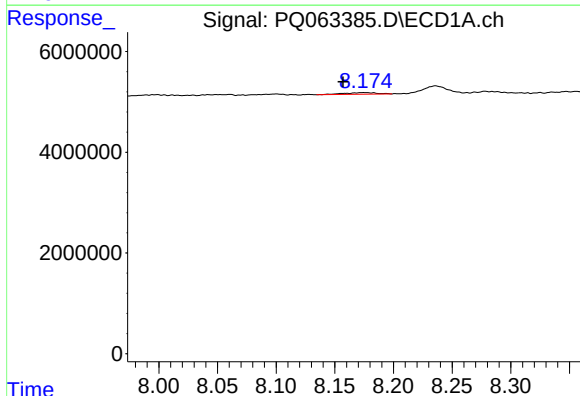
R.T.: 7.834 min
Delta R.T.: 0.000 min
Response: 764558
Conc: 1.57 ng/ml

Instrument :
ECD_Q
ClientSampleId :



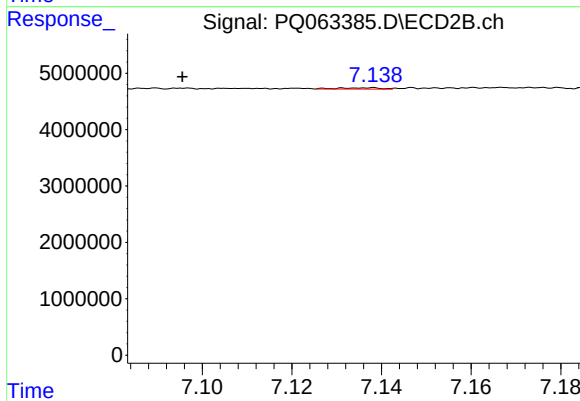
#43 AR-1268-3

R.T.: 6.798 min
Delta R.T.: -0.006 min
Response: 2022182
Conc: 4.74 ng/ml



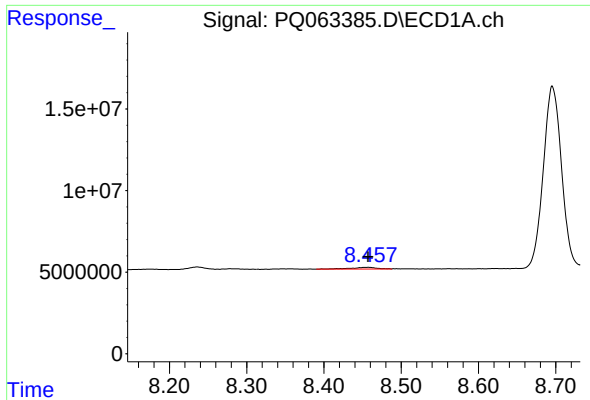
#44 AR-1268-4

R.T.: 8.174 min
Delta R.T.: 0.017 min
Response: 642954
Conc: 3.34 ng/ml



#44 AR-1268-4

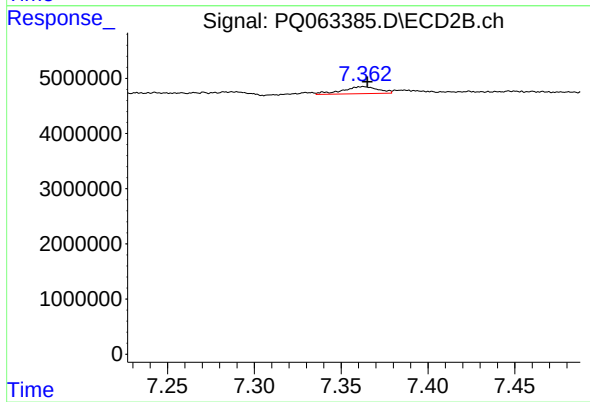
R.T.: 7.137 min
Delta R.T.: 0.042 min
Response: 140886
Conc: 0.76 ng/ml



#45 AR-1268-5

R.T.: 8.457 min
Delta R.T.: 0.000 min
Response: 2406919
Conc: 1.69 ng/ml

Instrument :
ECD_Q
ClientSampleId :



#45 AR-1268-5

R.T.: 7.363 min
Delta R.T.: -0.003 min
Response: 1814414
Conc: 1.38 ng/ml