

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ100223\
 Data File : PQ063486.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 02 Oct 2023 15:50
 Operator : YP\AJ
 Sample : AR1248CCC400
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 02 22:35:43 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ092523CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Sep 26 06:41:31 2023
 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...	3.462	2.781	102.0E6	85342454	19.444	21.118
2)	SA Decachlor...	8.696	7.581	155.3E6	149.9E6	42.027	40.532
Target Compounds							
3)	L1 AR-1016-1	4.577	3.792	42211317	33671784	255.566	253.295
4)	L1 AR-1016-2	4.597	3.807	52652721	33892243	208.983	176.678
5)	L1 AR-1016-3	4.655	3.969	26022878	23840207	166.083	227.111 #
6)	L1 AR-1016-4	4.747	4.018	29094611	51059636	226.993	577.120 #
7)	L1 AR-1016-5	5.038	4.214	71922695	59973783	570.495	558.460
8)	L2 AR-1221-1	3.658	2.981	1046793	912844	16.698	18.853
9)	L2 AR-1221-2	3.744	3.053	1902457	1637946	46.086	49.151
10)	L2 AR-1221-3	3.816	3.131	3708644	3099029	27.040	27.311
11)	L3 AR-1232-1	3.816	3.131	3708644	3099029	33.318	33.008
12)	L3 AR-1232-2	4.316	3.807	19381001	33892243	327.940	389.764
13)	L3 AR-1232-3	4.597	3.969	52652721	23840207	462.189	519.388
14)	L3 AR-1232-4	4.747	4.055	29094611	49081365	503.253	1254.855 #
15)	L3 AR-1232-5	4.846	4.214	60083936	59973783	1484.239	1328.486
16)	L4 AR-1242-1	4.577	3.792	42211317	33671784	303.131	298.907
17)	L4 AR-1242-2	4.597	3.807	52652721	33892243	245.620	208.715
18)	L4 AR-1242-3	4.655	3.969	26022878	23840207	195.746	271.960 #
19)	L4 AR-1242-4	4.747	4.055	29094611	49081365	266.804	598.867 #
20)	L4 AR-1242-5	5.470	4.553	77237561	83040873	665.932	779.459
21)	L5 AR-1248-1	4.577	3.792	42211317	33671784	395.504	388.991
22)	L5 AR-1248-2	4.846	4.018	60083936	51059636	392.495	396.503
23)	L5 AR-1248-3	5.038	4.055	71922695	49081365	391.415	396.126
24)	L5 AR-1248-4	5.434	4.214	77902288	59973783	383.367	395.241
25)	L5 AR-1248-5	5.470	4.591	77237561	58892063	385.149	387.994
26)	L6 AR-1254-1	5.406	4.553	62617209	83040873	312.923	376.343
27)	L6 AR-1254-2	5.623	4.700	79530583	25631464	254.013	132.118 #
28)	L6 AR-1254-3	5.981	5.084	43841103	39035793	135.094	127.955
29)	L6 AR-1254-4	6.268	5.312	29623821	25767891	125.983	132.187
30)	L6 AR-1254-5	6.684	5.719	8759349	8160259	33.856	29.537
31)	L7 AR-1260-1	6.148	5.218	4605681	19466490	18.617	90.999 #
32)	L7 AR-1260-2	6.409	5.404	3970383	2346451	13.306	9.249 #
33)	L7 AR-1260-3	6.766	5.543	638048	4685197	2.918	19.350 #
34)	L7 AR-1260-4	6.961	6.013	4620184	546028	18.788	2.695 #
35)	L7 AR-1260-5	7.297	6.258	1673802	1927494	3.513	4.155
36)	L8 AR-1262-1	6.766	5.781	638048	673340	1.932	2.337
37)	L8 AR-1262-2	7.297	6.258	1673802	1927494	3.071	3.720
38)	L8 AR-1262-3	7.576	6.540	1229034	1900206	3.401	8.856 #
39)	L8 AR-1262-4	7.611f	6.598	123085	1338134	0.449	3.423 #
40)	L8 AR-1262-5	8.156	0.000	770415	0	4.163	N.D. #
41)	L9 AR-1268-1	7.576	6.540	1229034	1900206	1.951	3.150 #

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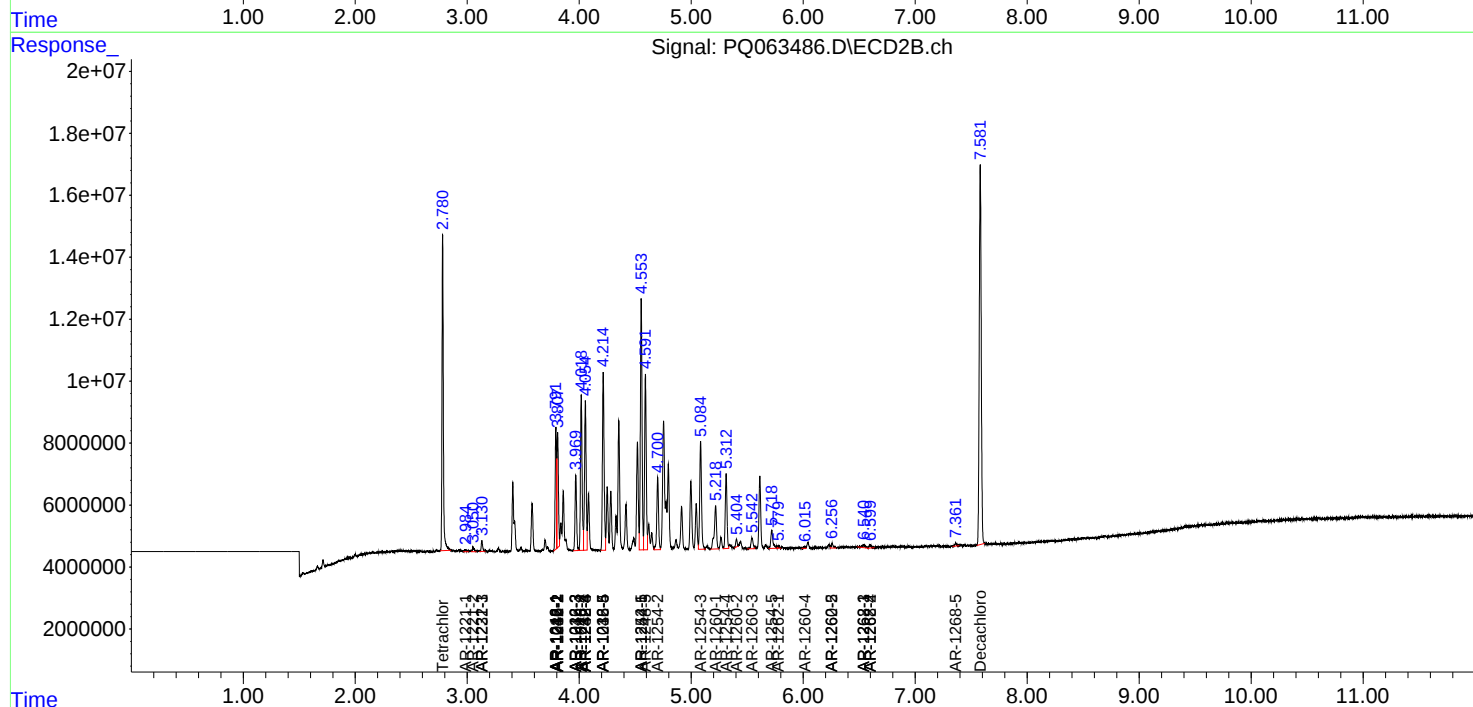
Volume Inj. : 1 µl
 Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2
 Signal #1 Info : 30Mx0.32mmx 0.5µm Signal #2 Info : 30M x 0.32mm x 0.25µm

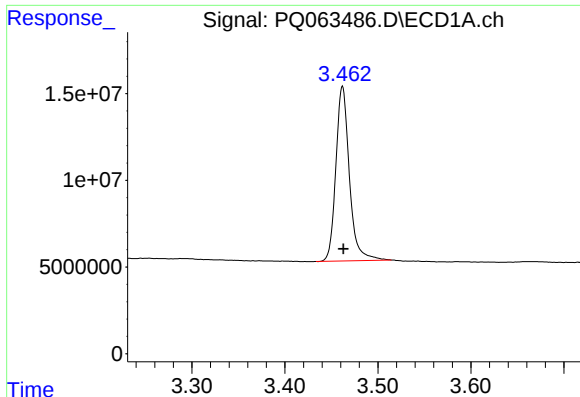
	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
42) L9	AR-1268-2	7.611f	6.598	123085	1338134	0.218	2.466 #
44) L9	AR-1268-4	8.156	0.000	770415	0	3.801	N.D. #
45) L9	AR-1268-5	8.455	7.362	1515637	1128182	1.056	0.790 #

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

Instrument :
ECD_Q
ClientSampleId :

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

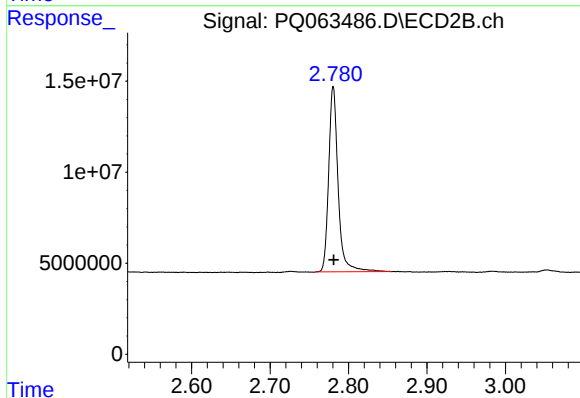




#1 Tetrachloro-m-xylene

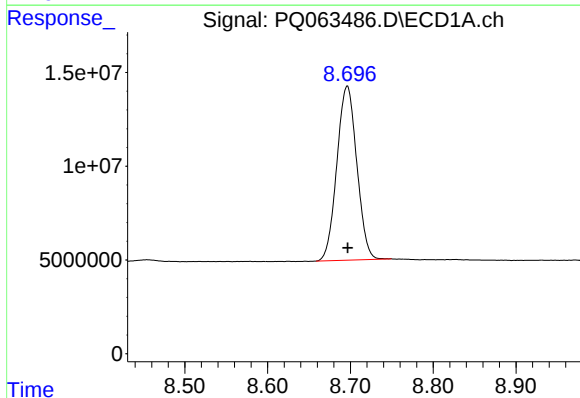
R.T.: 3.462 min
Delta R.T.: -0.001 min
Response: 102014505
Conc: 19.44 ng/ml

Instrument :
ECD_Q
ClientSampleId :



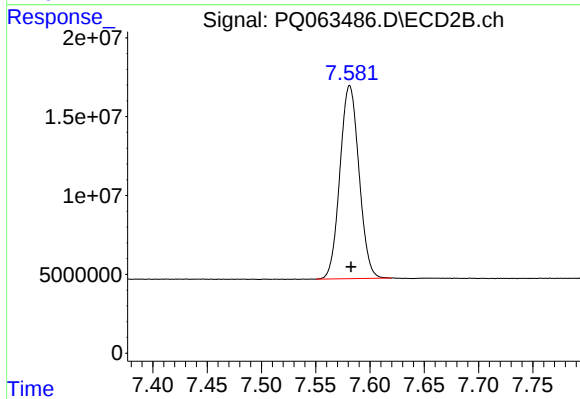
#1 Tetrachloro-m-xylene

R.T.: 2.781 min
Delta R.T.: 0.000 min
Response: 85342454
Conc: 21.12 ng/ml



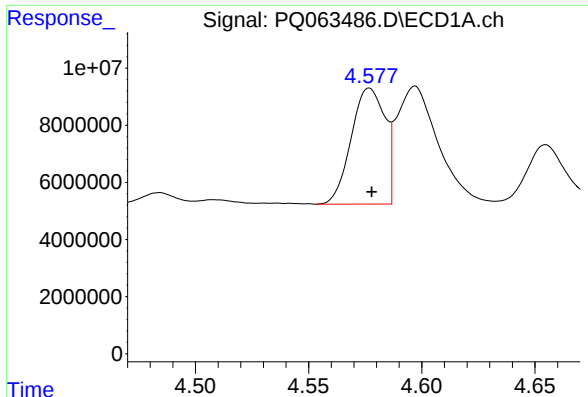
#2 Decachlorobiphenyl

R.T.: 8.696 min
Delta R.T.: 0.000 min
Response: 155283143
Conc: 42.03 ng/ml



#2 Decachlorobiphenyl

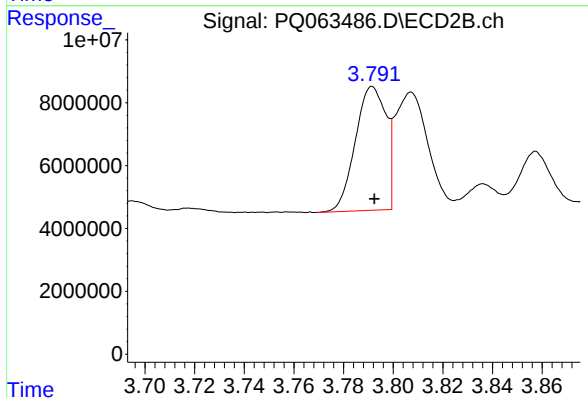
R.T.: 7.581 min
Delta R.T.: -0.001 min
Response: 149866542
Conc: 40.53 ng/ml



#3 AR-1016-1

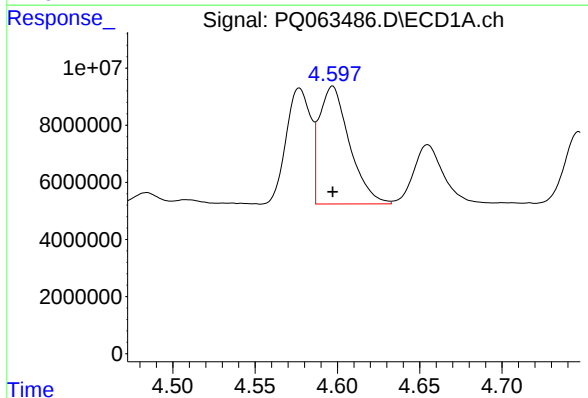
R.T.: 4.577 min
Delta R.T.: 0.000 min
Response: 42211317
Conc: 255.57 ng/ml

Instrument :
ECD_Q
ClientSampleId :



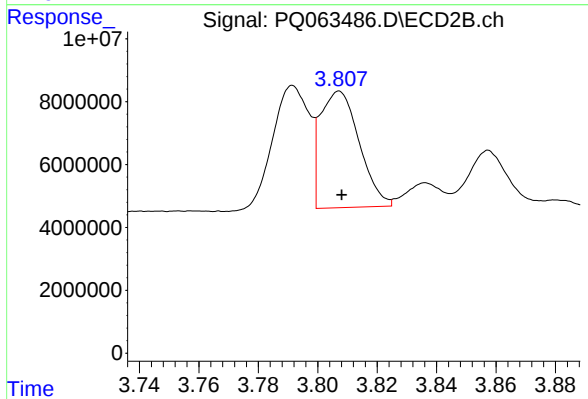
#3 AR-1016-1

R.T.: 3.792 min
Delta R.T.: 0.000 min
Response: 33671784
Conc: 253.29 ng/ml



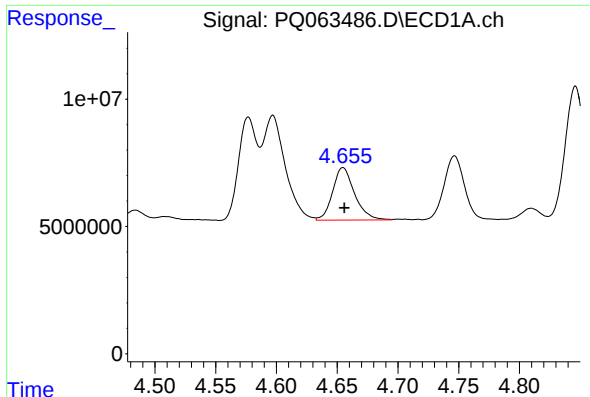
#4 AR-1016-2

R.T.: 4.597 min
Delta R.T.: 0.000 min
Response: 52652721
Conc: 208.98 ng/ml



#4 AR-1016-2

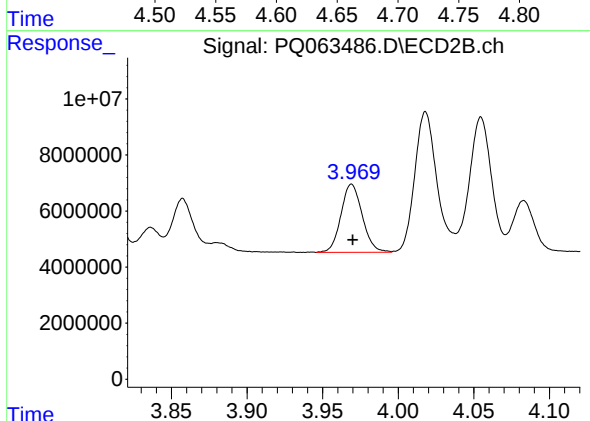
R.T.: 3.807 min
Delta R.T.: 0.000 min
Response: 33892243
Conc: 176.68 ng/ml



#5 AR-1016-3

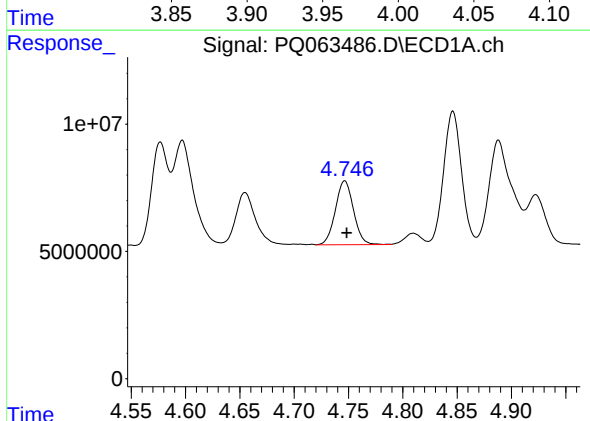
R.T.: 4.655 min
Delta R.T.: -0.001 min
Response: 26022878
Conc: 166.08 ng/ml

Instrument :
ECD_Q
ClientSampleId :



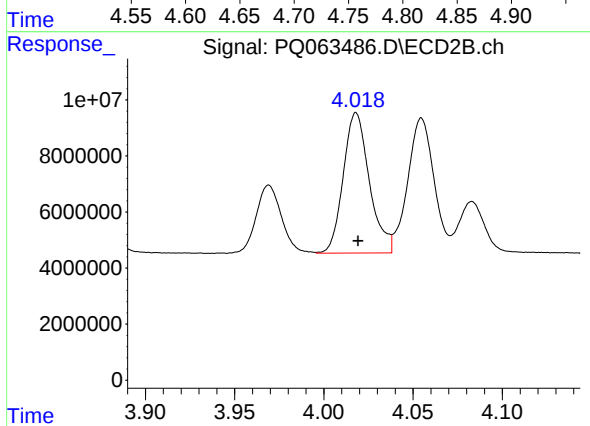
#5 AR-1016-3

R.T.: 3.969 min
Delta R.T.: 0.000 min
Response: 23840207
Conc: 227.11 ng/ml



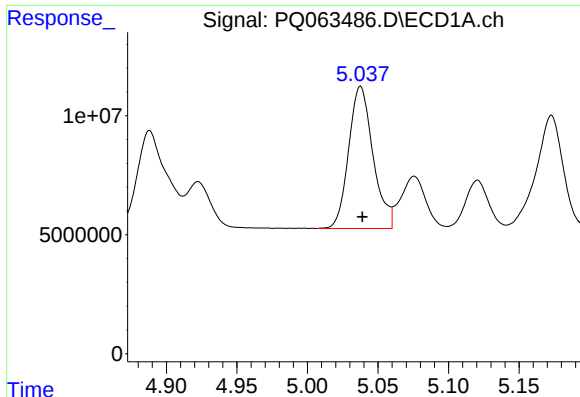
#6 AR-1016-4

R.T.: 4.747 min
Delta R.T.: -0.002 min
Response: 29094611
Conc: 226.99 ng/ml



#6 AR-1016-4

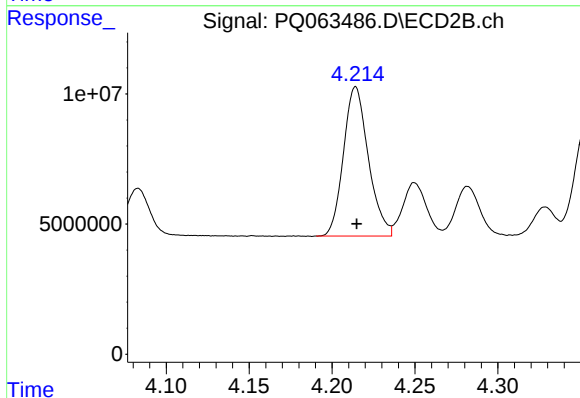
R.T.: 4.018 min
Delta R.T.: -0.001 min
Response: 51059636
Conc: 577.12 ng/ml



#7 AR-1016-5

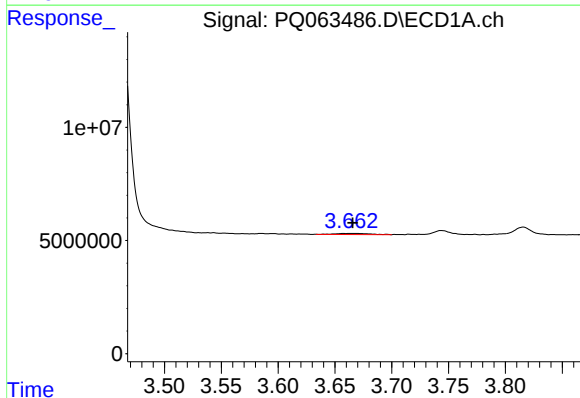
R.T.: 5.038 min
Delta R.T.: -0.001 min
Response: 71922695
Conc: 570.49 ng/ml

Instrument :
ECD_Q
ClientSampleId :



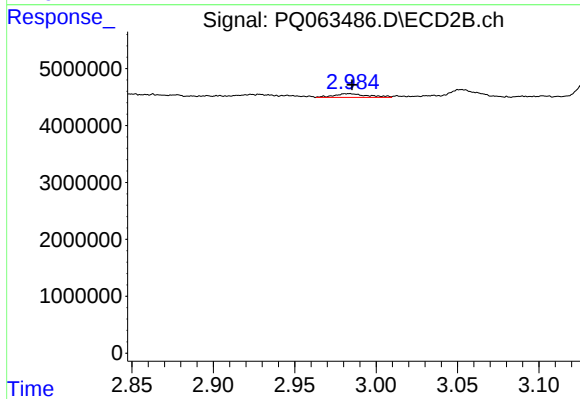
#7 AR-1016-5

R.T.: 4.214 min
Delta R.T.: 0.000 min
Response: 59973783
Conc: 558.46 ng/ml



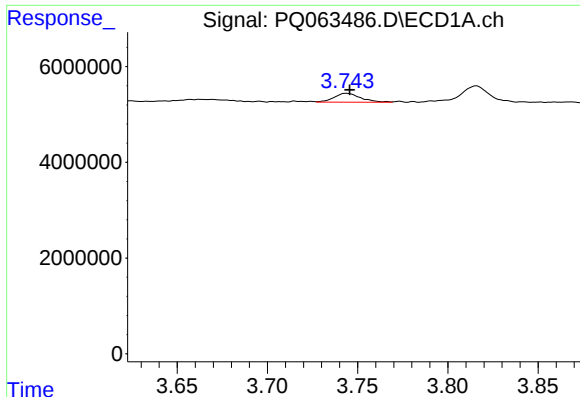
#8 AR-1221-1

R.T.: 3.658 min
Delta R.T.: -0.008 min
Response: 1046793
Conc: 16.70 ng/ml



#8 AR-1221-1

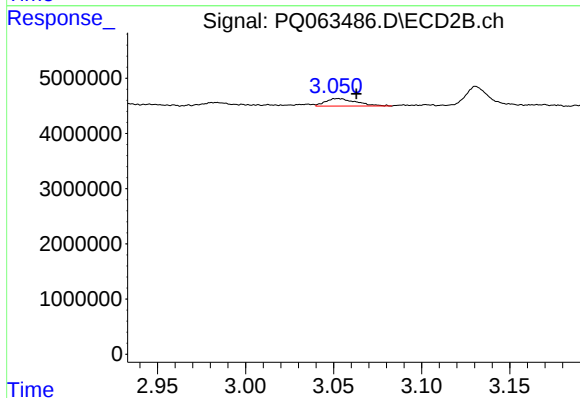
R.T.: 2.981 min
Delta R.T.: -0.005 min
Response: 912844
Conc: 18.85 ng/ml



#9 AR-1221-2

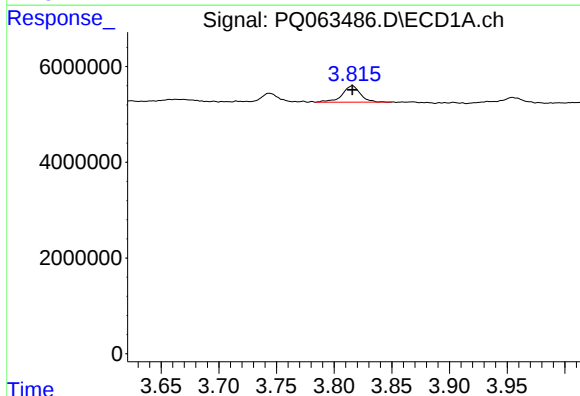
R.T.: 3.744 min
Delta R.T.: -0.002 min
Response: 1902457
Conc: 46.09 ng/ml

Instrument :
ECD_Q
ClientSampleId :



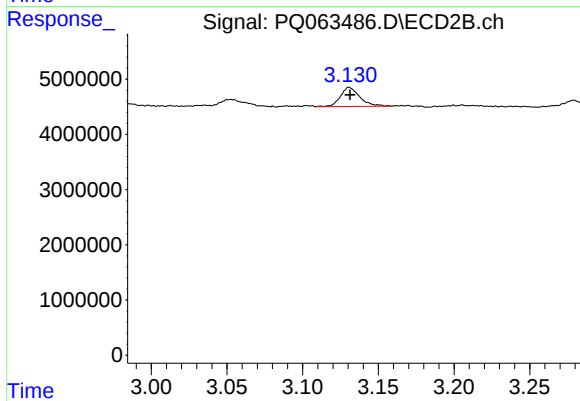
#9 AR-1221-2

R.T.: 3.053 min
Delta R.T.: -0.010 min
Response: 1637946
Conc: 49.15 ng/ml



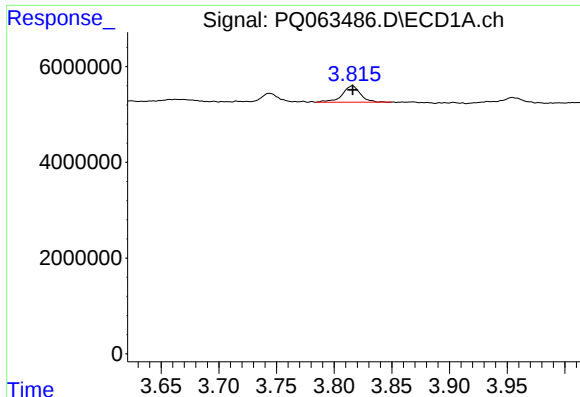
#10 AR-1221-3

R.T.: 3.816 min
Delta R.T.: 0.000 min
Response: 3708644
Conc: 27.04 ng/ml



#10 AR-1221-3

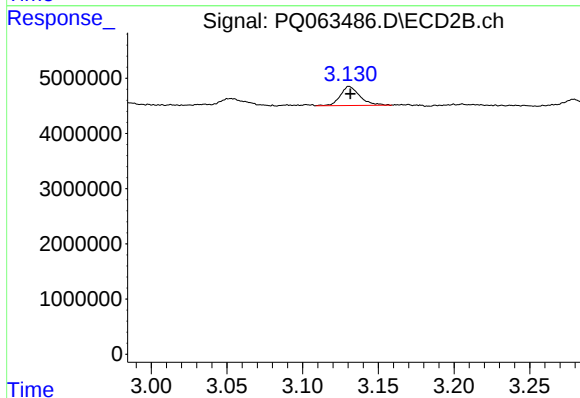
R.T.: 3.131 min
Delta R.T.: 0.000 min
Response: 3099029
Conc: 27.31 ng/ml



#11 AR-1232-1

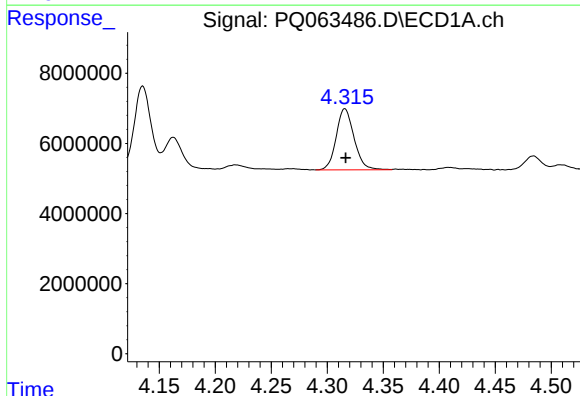
R.T.: 3.816 min
Delta R.T.: 0.000 min
Response: 3708644
Conc: 33.32 ng/ml

Instrument :
ECD_Q
ClientSampleId :



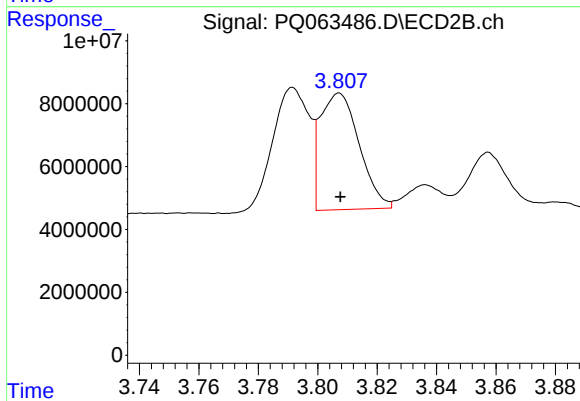
#11 AR-1232-1

R.T.: 3.131 min
Delta R.T.: 0.000 min
Response: 3099029
Conc: 33.01 ng/ml



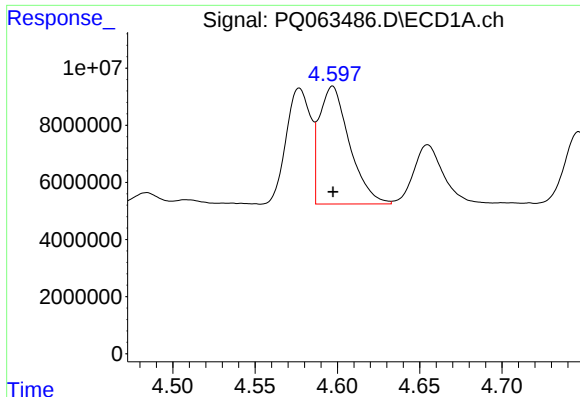
#12 AR-1232-2

R.T.: 4.316 min
Delta R.T.: 0.000 min
Response: 19381001
Conc: 327.94 ng/ml



#12 AR-1232-2

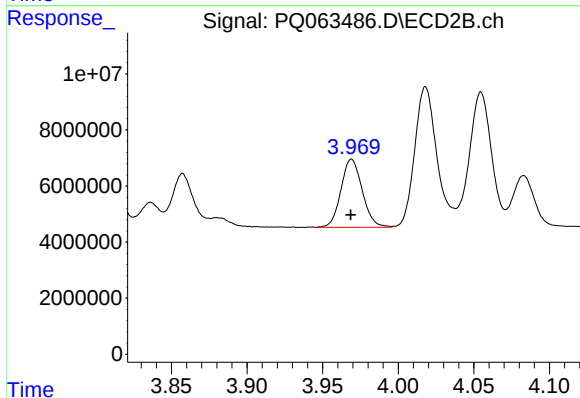
R.T.: 3.807 min
Delta R.T.: 0.000 min
Response: 33892243
Conc: 389.76 ng/ml



#13 AR-1232-3

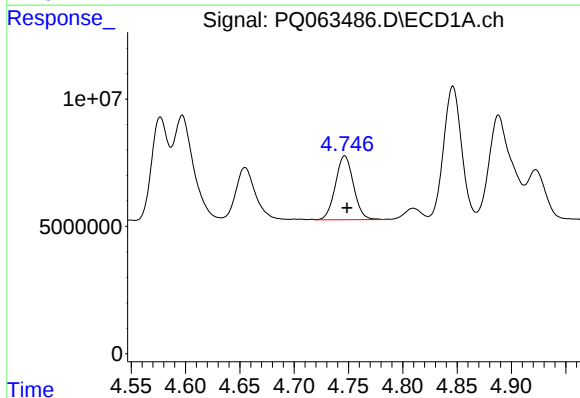
R.T.: 4.597 min
Delta R.T.: 0.000 min
Response: 52652721
Conc: 462.19 ng/ml

Instrument :
ECD_Q
ClientSampleId :



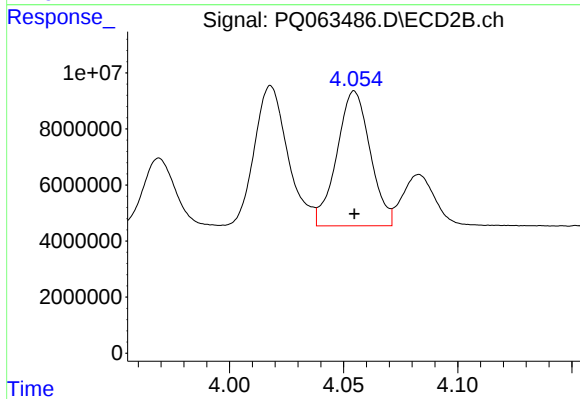
#13 AR-1232-3

R.T.: 3.969 min
Delta R.T.: 0.000 min
Response: 23840207
Conc: 519.39 ng/ml



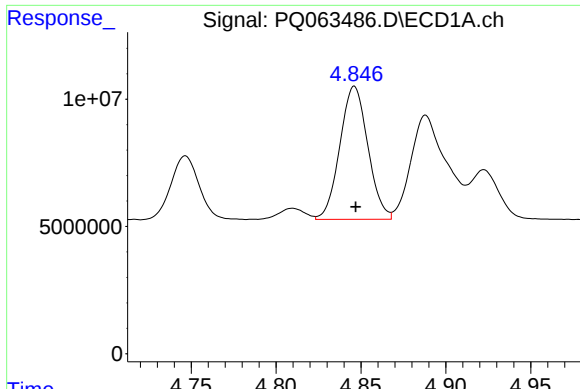
#14 AR-1232-4

R.T.: 4.747 min
Delta R.T.: -0.002 min
Response: 29094611
Conc: 503.25 ng/ml



#14 AR-1232-4

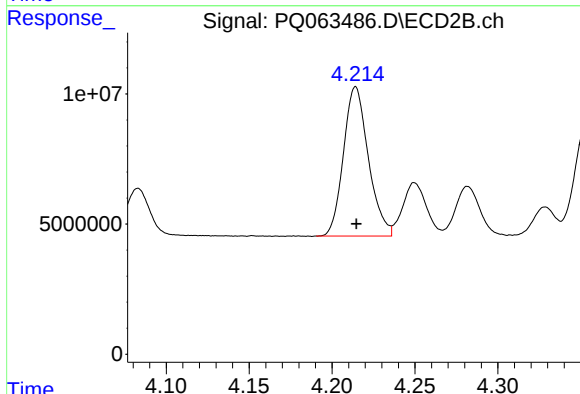
R.T.: 4.055 min
Delta R.T.: 0.000 min
Response: 49081365
Conc: 1254.85 ng/ml



#15 AR-1232-5

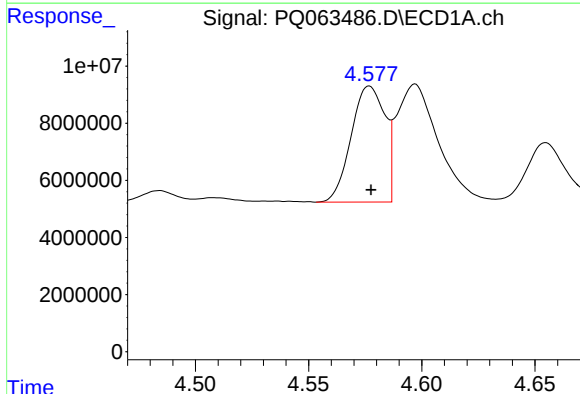
R.T.: 4.846 min
Delta R.T.: 0.000 min
Response: 60083936
Conc: 1484.24 ng/ml

Instrument :
ECD_Q
ClientSampleId :



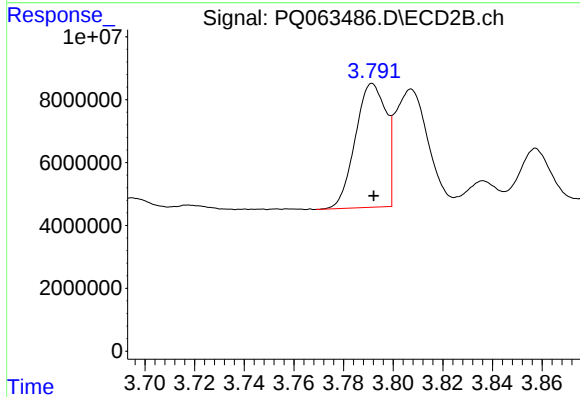
#15 AR-1232-5

R.T.: 4.214 min
Delta R.T.: 0.000 min
Response: 59973783
Conc: 1328.49 ng/ml



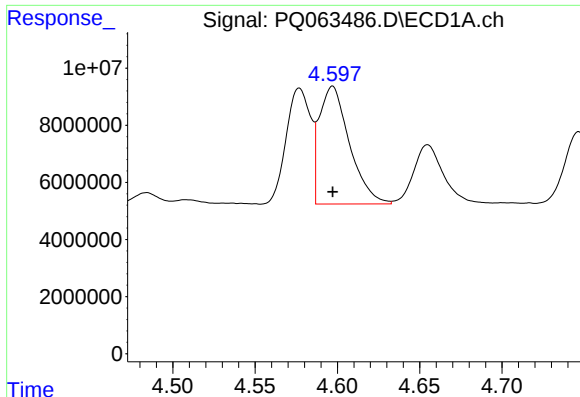
#16 AR-1242-1

R.T.: 4.577 min
Delta R.T.: 0.000 min
Response: 42211317
Conc: 303.13 ng/ml



#16 AR-1242-1

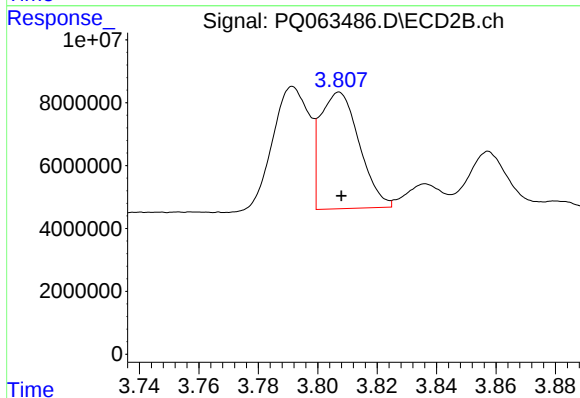
R.T.: 3.792 min
Delta R.T.: 0.000 min
Response: 33671784
Conc: 298.91 ng/ml



#17 AR-1242-2

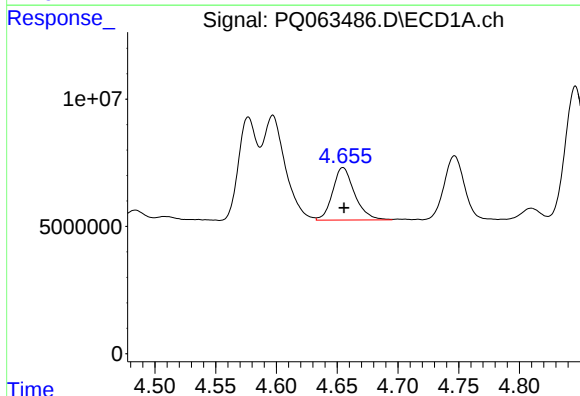
R.T.: 4.597 min
Delta R.T.: 0.000 min
Response: 52652721
Conc: 245.62 ng/ml

Instrument :
ECD_Q
ClientSampleId :



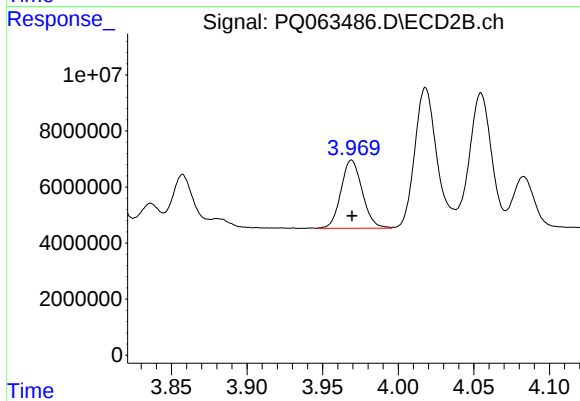
#17 AR-1242-2

R.T.: 3.807 min
Delta R.T.: 0.000 min
Response: 33892243
Conc: 208.71 ng/ml



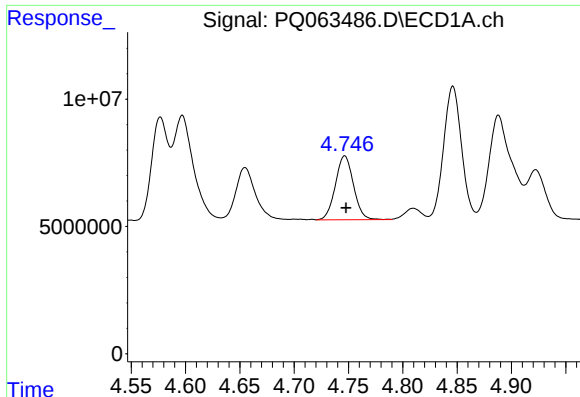
#18 AR-1242-3

R.T.: 4.655 min
Delta R.T.: 0.000 min
Response: 26022878
Conc: 195.75 ng/ml



#18 AR-1242-3

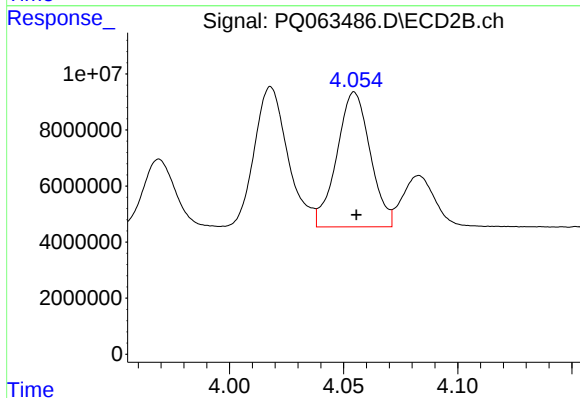
R.T.: 3.969 min
Delta R.T.: 0.000 min
Response: 23840207
Conc: 271.96 ng/ml



#19 AR-1242-4

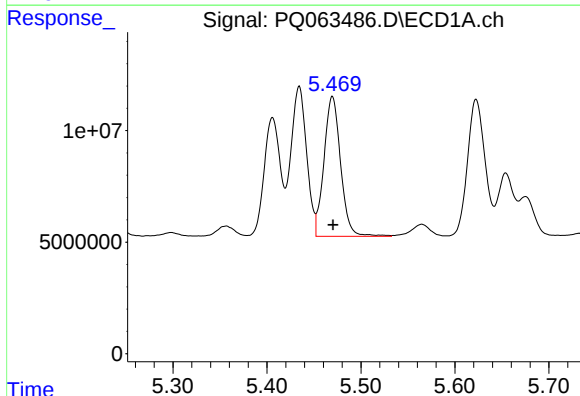
R.T.: 4.747 min
Delta R.T.: -0.001 min
Response: 29094611
Conc: 266.80 ng/ml

Instrument :
ECD_Q
ClientSampleId :



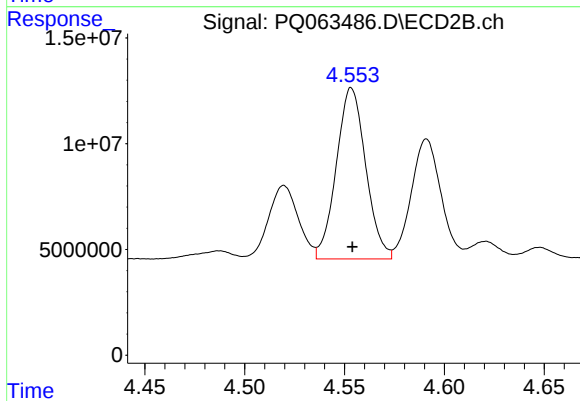
#19 AR-1242-4

R.T.: 4.055 min
Delta R.T.: 0.000 min
Response: 49081365
Conc: 598.87 ng/ml



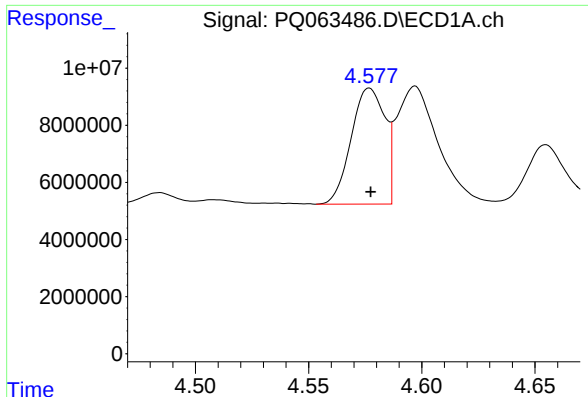
#20 AR-1242-5

R.T.: 5.470 min
Delta R.T.: 0.000 min
Response: 77237561
Conc: 665.93 ng/ml



#20 AR-1242-5

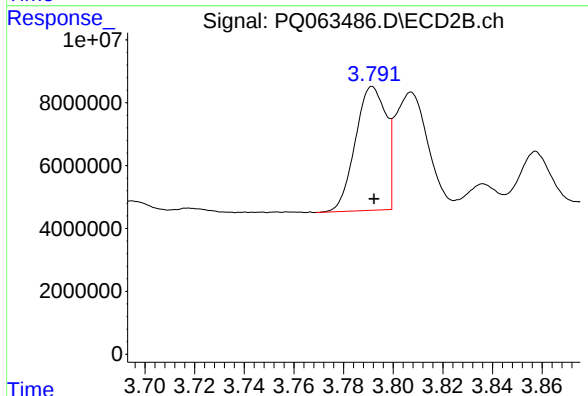
R.T.: 4.553 min
Delta R.T.: 0.000 min
Response: 83040873
Conc: 779.46 ng/ml



#21 AR-1248-1

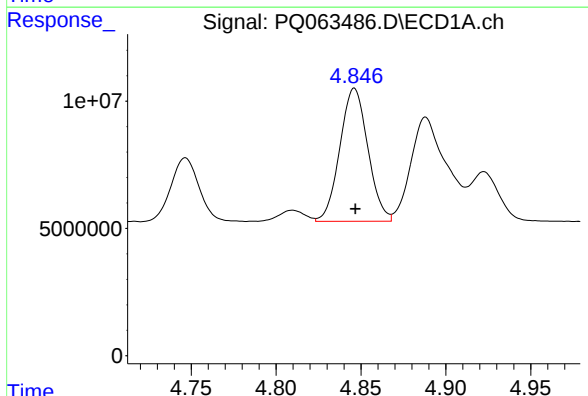
R.T.: 4.577 min
Delta R.T.: 0.000 min
Response: 42211317
Conc: 395.50 ng/ml

Instrument :
ECD_Q
ClientSampleId :



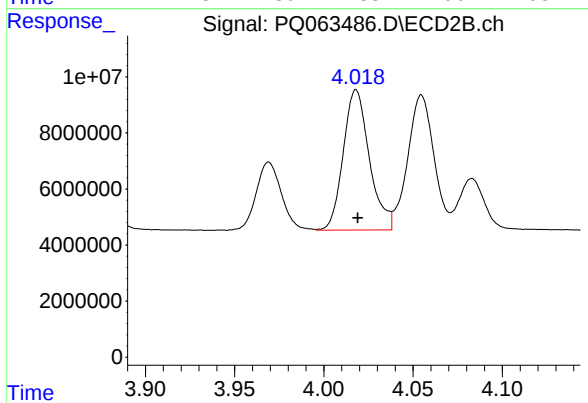
#21 AR-1248-1

R.T.: 3.792 min
Delta R.T.: 0.000 min
Response: 33671784
Conc: 388.99 ng/ml



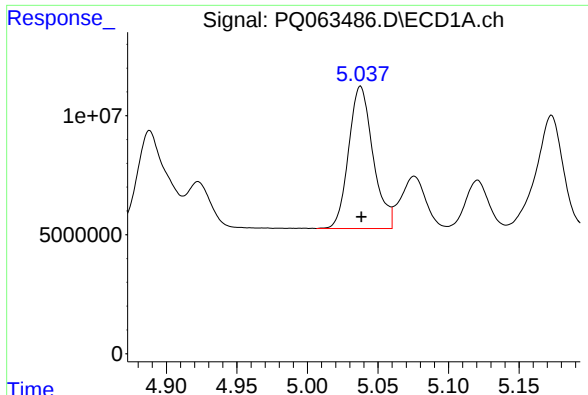
#22 AR-1248-2

R.T.: 4.846 min
Delta R.T.: 0.000 min
Response: 60083936
Conc: 392.50 ng/ml



#22 AR-1248-2

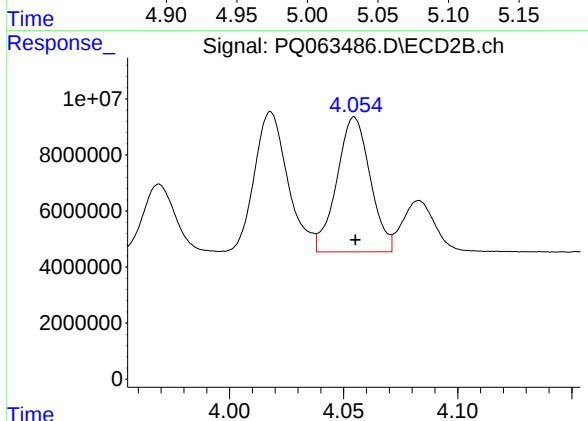
R.T.: 4.018 min
Delta R.T.: 0.000 min
Response: 51059636
Conc: 396.50 ng/ml



#23 AR-1248-3

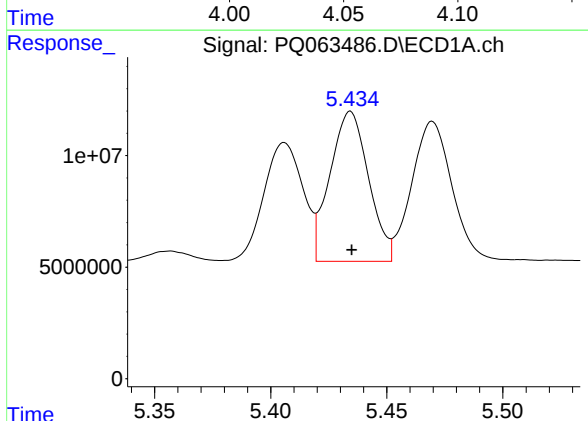
R.T.: 5.038 min
Delta R.T.: 0.000 min
Response: 71922695
Conc: 391.41 ng/ml

Instrument :
ECD_Q
ClientSampleId :



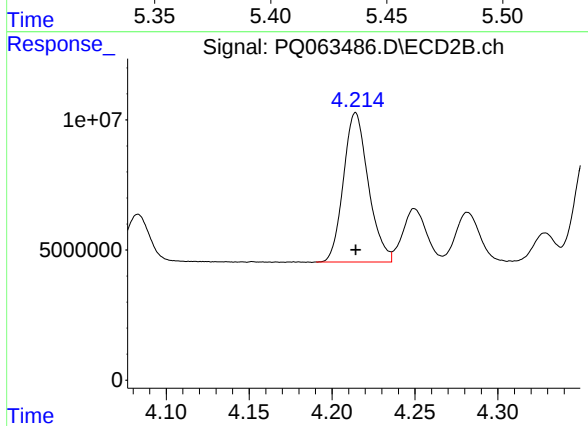
#23 AR-1248-3

R.T.: 4.055 min
Delta R.T.: 0.000 min
Response: 49081365
Conc: 396.13 ng/ml



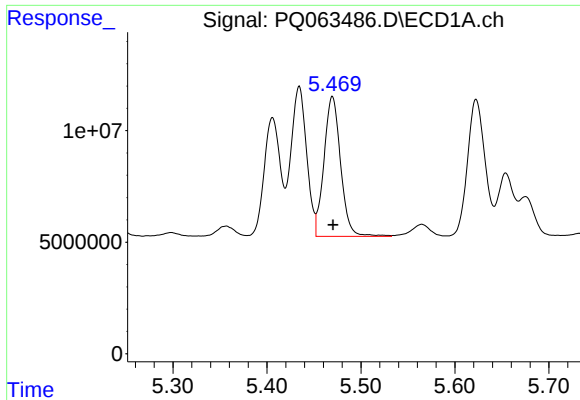
#24 AR-1248-4

R.T.: 5.434 min
Delta R.T.: 0.000 min
Response: 77902288
Conc: 383.37 ng/ml



#24 AR-1248-4

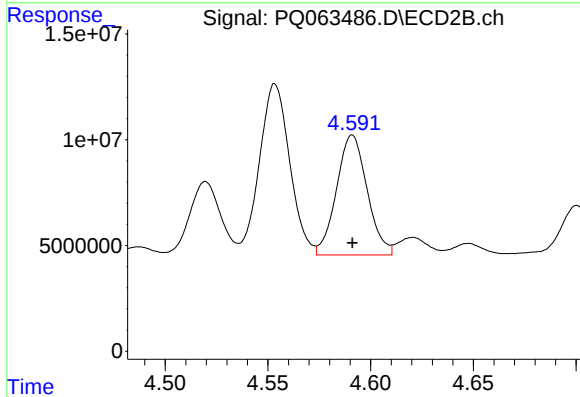
R.T.: 4.214 min
Delta R.T.: 0.000 min
Response: 59973783
Conc: 395.24 ng/ml



#25 AR-1248-5

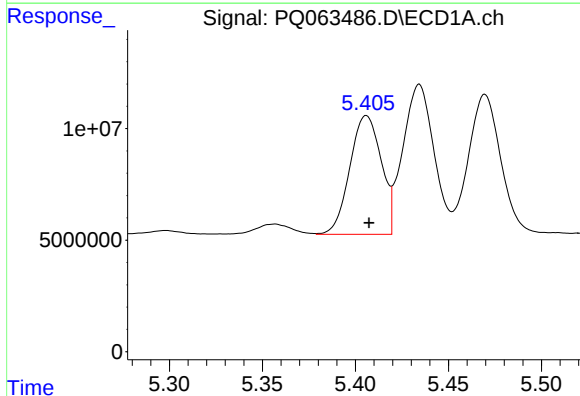
R.T.: 5.470 min
Delta R.T.: 0.000 min
Response: 77237561
Conc: 385.15 ng/ml

Instrument :
ECD_Q
ClientSampleId :



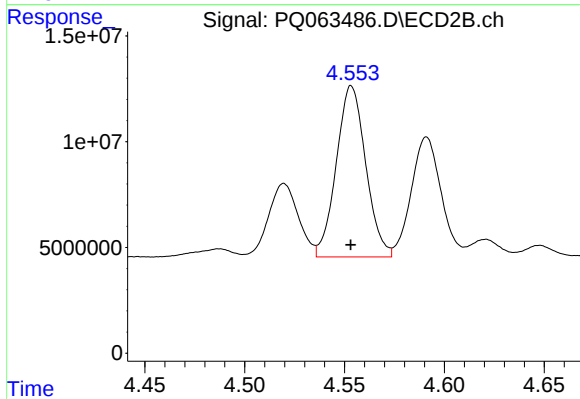
#25 AR-1248-5

R.T.: 4.591 min
Delta R.T.: 0.000 min
Response: 58892063
Conc: 387.99 ng/ml



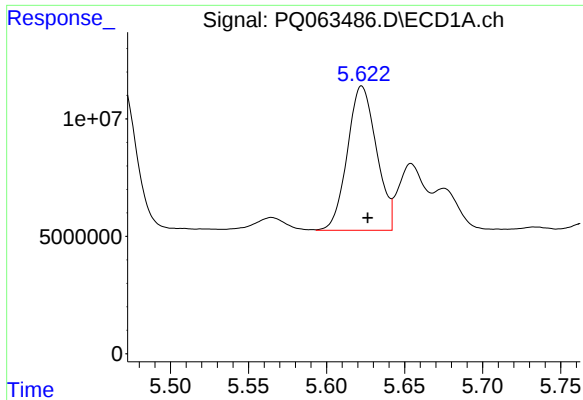
#26 AR-1254-1

R.T.: 5.406 min
Delta R.T.: -0.001 min
Response: 62617209
Conc: 312.92 ng/ml



#26 AR-1254-1

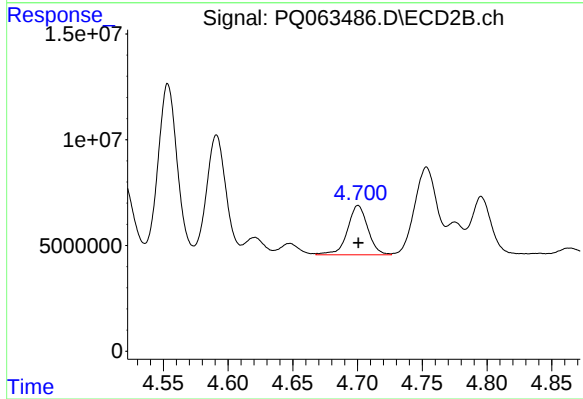
R.T.: 4.553 min
Delta R.T.: 0.000 min
Response: 83040873
Conc: 376.34 ng/ml



#27 AR-1254-2

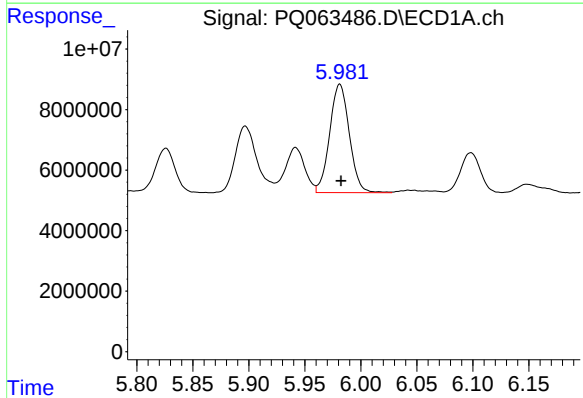
R.T.: 5.623 min
Delta R.T.: -0.004 min
Response: 79530583
Conc: 254.01 ng/ml

Instrument :
ECD_Q
ClientSampleId :



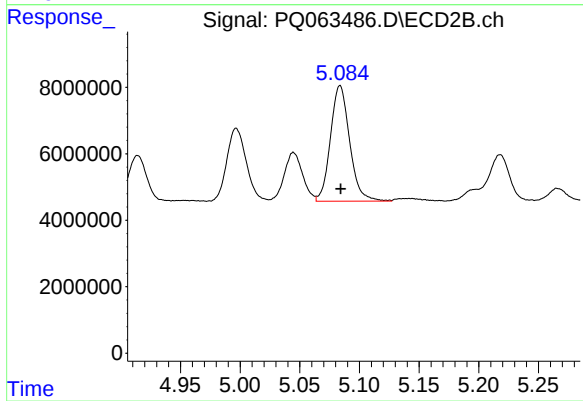
#27 AR-1254-2

R.T.: 4.700 min
Delta R.T.: 0.000 min
Response: 25631464
Conc: 132.12 ng/ml



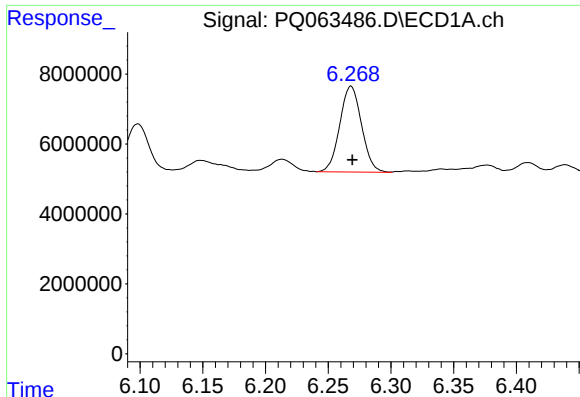
#28 AR-1254-3

R.T.: 5.981 min
Delta R.T.: -0.001 min
Response: 43841103
Conc: 135.09 ng/ml



#28 AR-1254-3

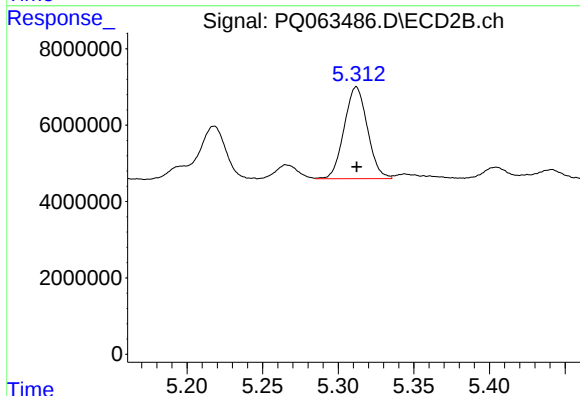
R.T.: 5.084 min
Delta R.T.: 0.000 min
Response: 39035793
Conc: 127.96 ng/ml



#29 AR-1254-4

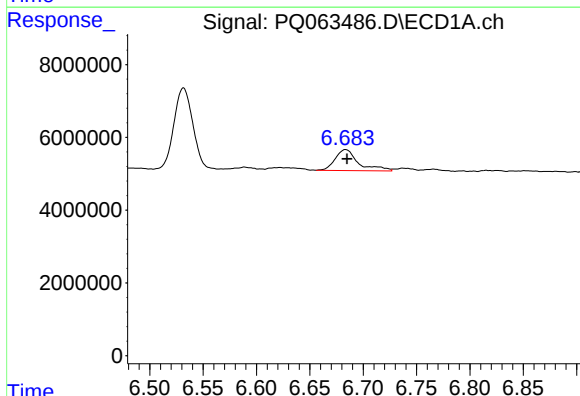
R.T.: 6.268 min
Delta R.T.: -0.001 min
Response: 29623821
Conc: 125.98 ng/ml

Instrument :
ECD_Q
ClientSampleId :



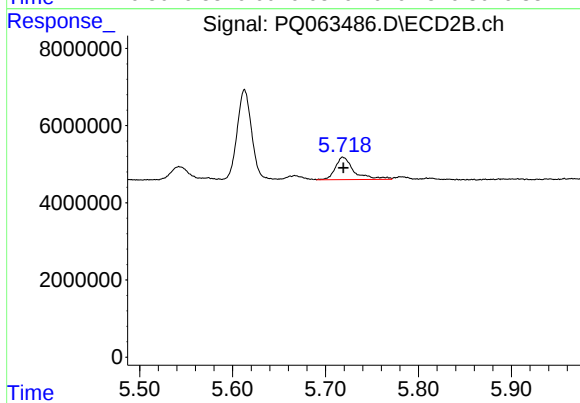
#29 AR-1254-4

R.T.: 5.312 min
Delta R.T.: 0.000 min
Response: 25767891
Conc: 132.19 ng/ml



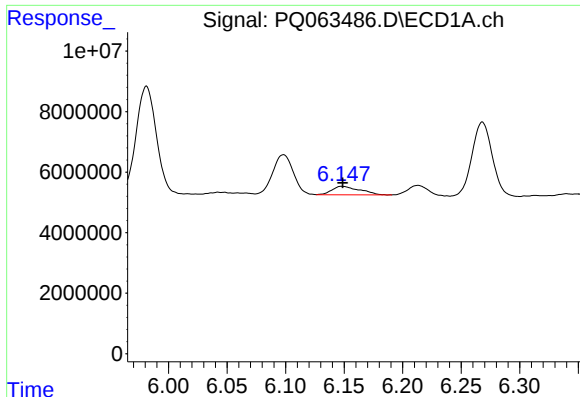
#30 AR-1254-5

R.T.: 6.684 min
Delta R.T.: -0.001 min
Response: 8759349
Conc: 33.86 ng/ml



#30 AR-1254-5

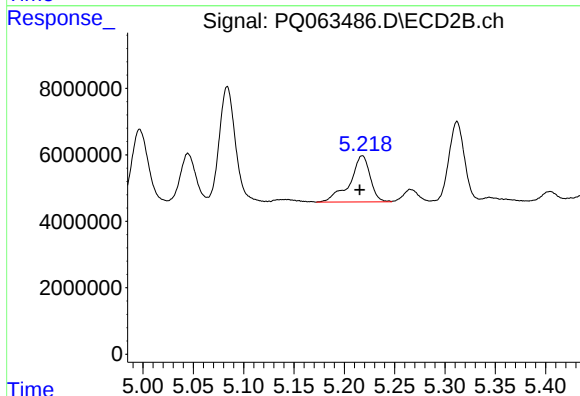
R.T.: 5.719 min
Delta R.T.: 0.000 min
Response: 8160259
Conc: 29.54 ng/ml



#31 AR-1260-1

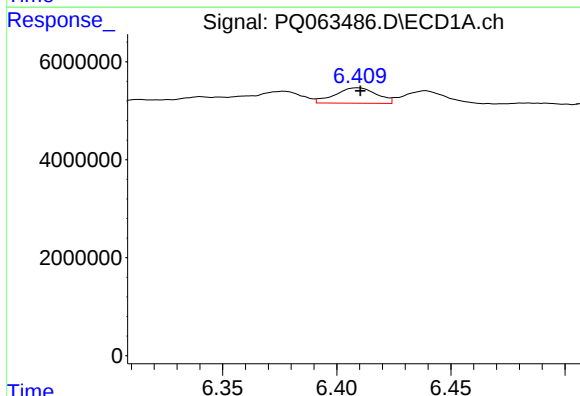
R.T.: 6.148 min
Delta R.T.: 0.000 min
Response: 4605681
Conc: 18.62 ng/ml

Instrument :
ECD_Q
ClientSampleId :



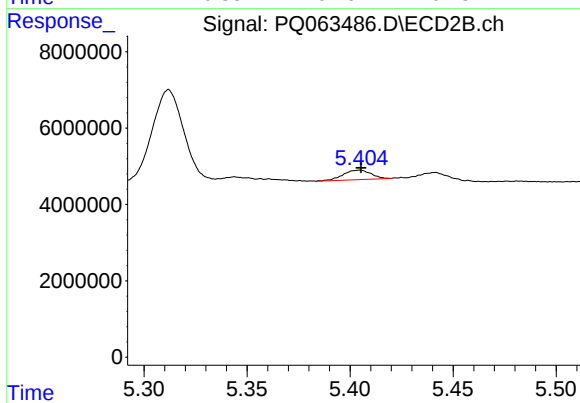
#31 AR-1260-1

R.T.: 5.218 min
Delta R.T.: 0.003 min
Response: 19466490
Conc: 91.00 ng/ml



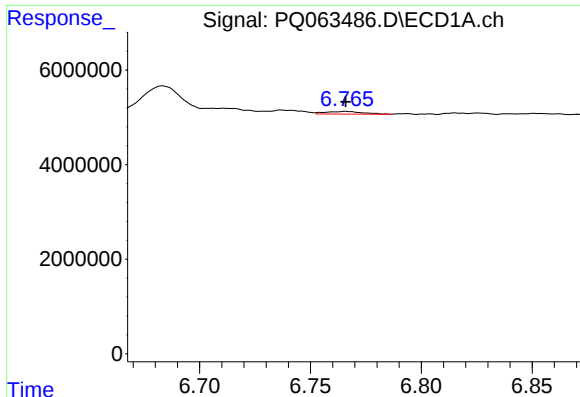
#32 AR-1260-2

R.T.: 6.409 min
Delta R.T.: -0.001 min
Response: 3970383
Conc: 13.31 ng/ml



#32 AR-1260-2

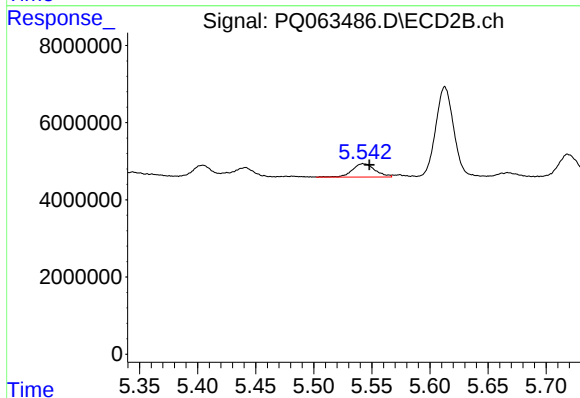
R.T.: 5.404 min
Delta R.T.: -0.001 min
Response: 2346451
Conc: 9.25 ng/ml



#33 AR-1260-3

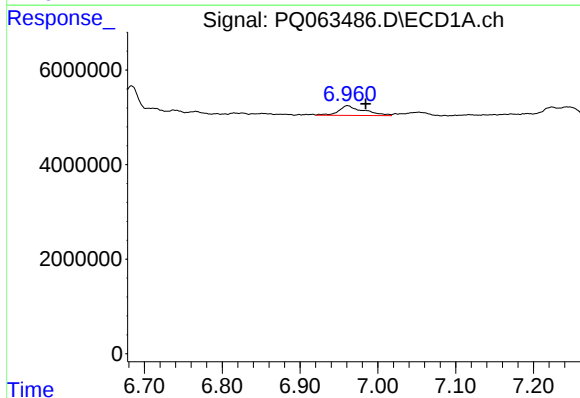
R.T.: 6.766 min
Delta R.T.: 0.000 min
Response: 638048
Conc: 2.92 ng/ml

Instrument :
ECD_Q
ClientSampleId :



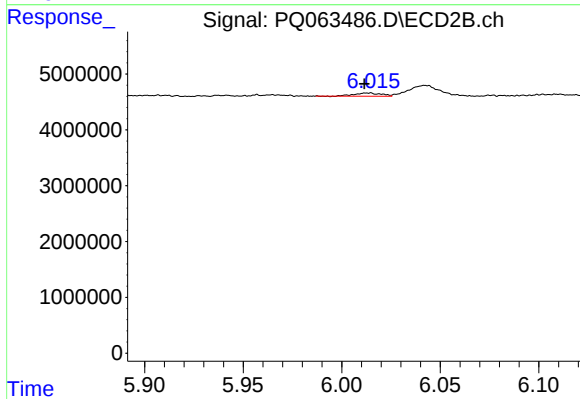
#33 AR-1260-3

R.T.: 5.543 min
Delta R.T.: -0.005 min
Response: 4685197
Conc: 19.35 ng/ml



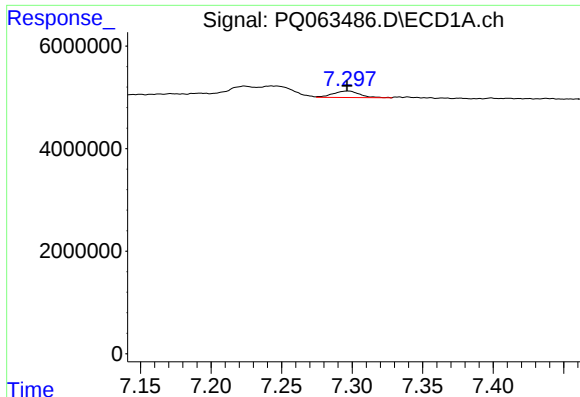
#34 AR-1260-4

R.T.: 6.961 min
Delta R.T.: -0.023 min
Response: 4620184
Conc: 18.79 ng/ml



#34 AR-1260-4

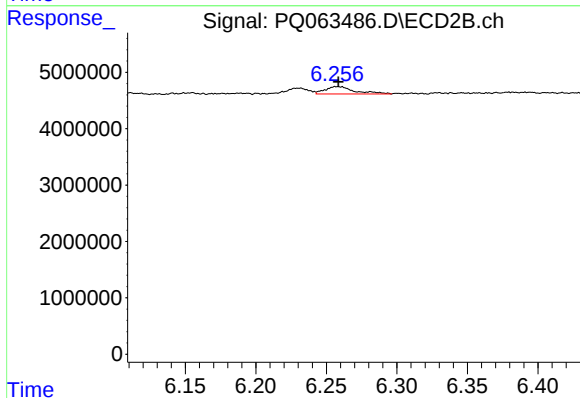
R.T.: 6.013 min
Delta R.T.: 0.002 min
Response: 546028
Conc: 2.69 ng/ml



#35 AR-1260-5

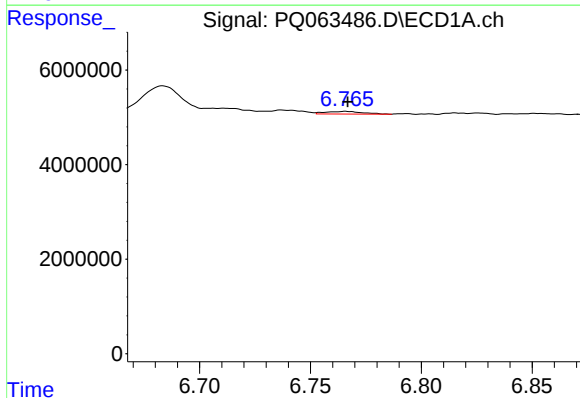
R.T.: 7.297 min
Delta R.T.: 0.000 min
Response: 1673802
Conc: 3.51 ng/ml

Instrument :
ECD_Q
ClientSampleId :



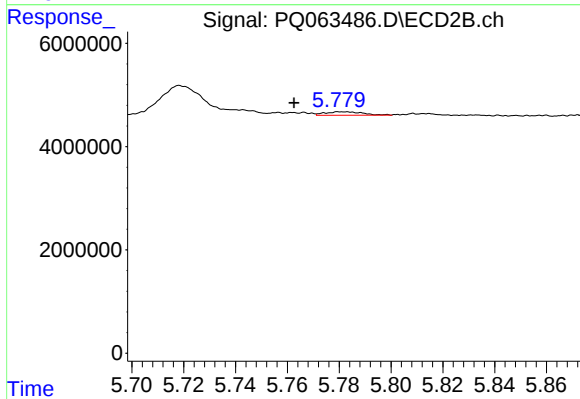
#35 AR-1260-5

R.T.: 6.258 min
Delta R.T.: -0.001 min
Response: 1927494
Conc: 4.16 ng/ml



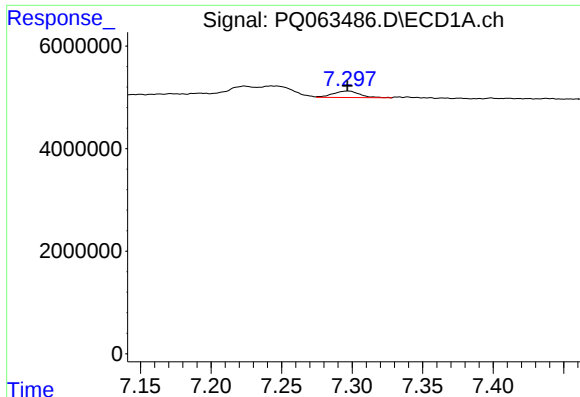
#36 AR-1262-1

R.T.: 6.766 min
Delta R.T.: 0.000 min
Response: 638048
Conc: 1.93 ng/ml



#36 AR-1262-1

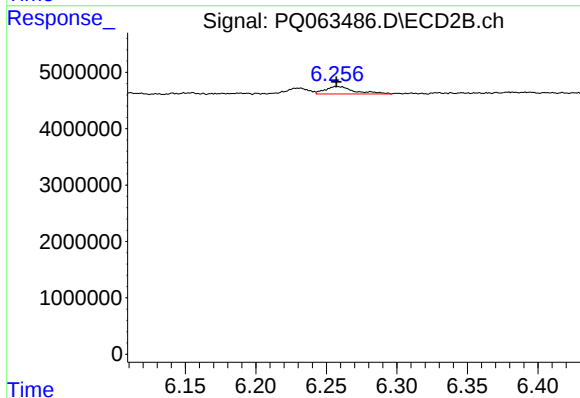
R.T.: 5.781 min
Delta R.T.: 0.019 min
Response: 673340
Conc: 2.34 ng/ml



#37 AR-1262-2

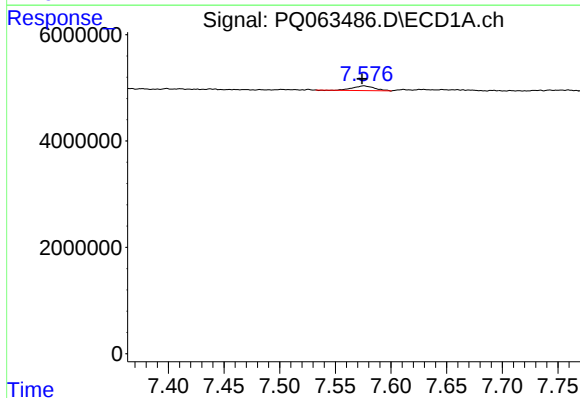
R.T.: 7.297 min
Delta R.T.: 0.000 min
Response: 1673802
Conc: 3.07 ng/ml

Instrument :
ECD_Q
ClientSampleId :



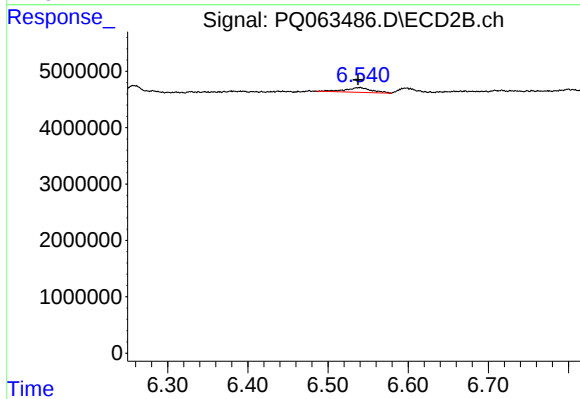
#37 AR-1262-2

R.T.: 6.258 min
Delta R.T.: 0.000 min
Response: 1927494
Conc: 3.72 ng/ml



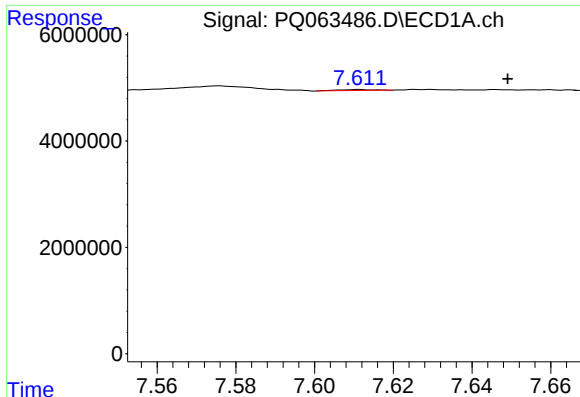
#38 AR-1262-3

R.T.: 7.576 min
Delta R.T.: 0.002 min
Response: 1229034
Conc: 3.40 ng/ml



#38 AR-1262-3

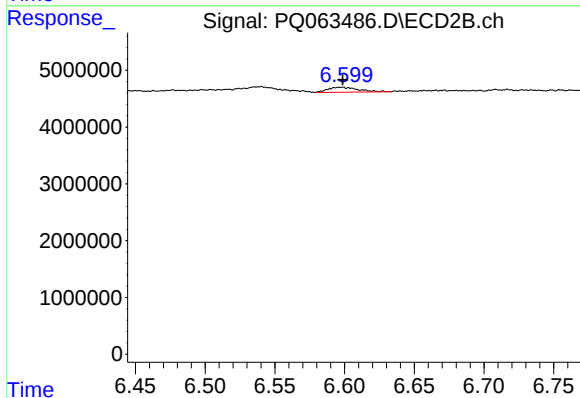
R.T.: 6.540 min
Delta R.T.: 0.003 min
Response: 1900206
Conc: 8.86 ng/ml



#39 AR-1262-4

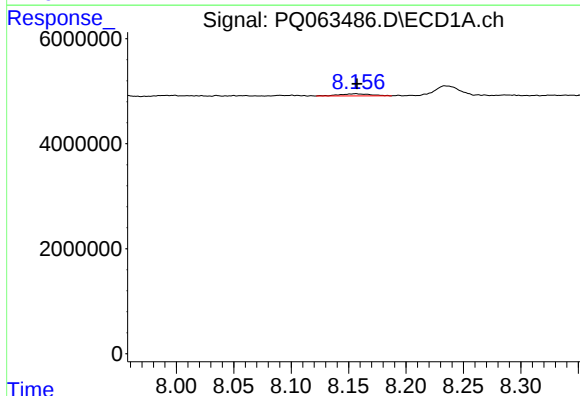
R.T.: 7.611 min
Delta R.T.: -0.038 min
Response: 123085
Conc: 0.45 ng/ml

Instrument :
ECD_Q
ClientSampleId :



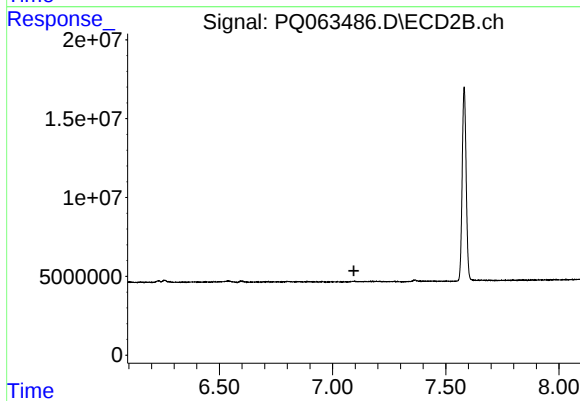
#39 AR-1262-4

R.T.: 6.598 min
Delta R.T.: 0.000 min
Response: 1338134
Conc: 3.42 ng/ml



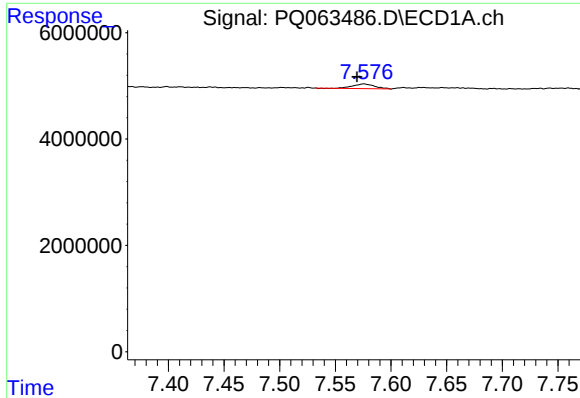
#40 AR-1262-5

R.T.: 8.156 min
Delta R.T.: -0.001 min
Response: 770415
Conc: 4.16 ng/ml



#40 AR-1262-5

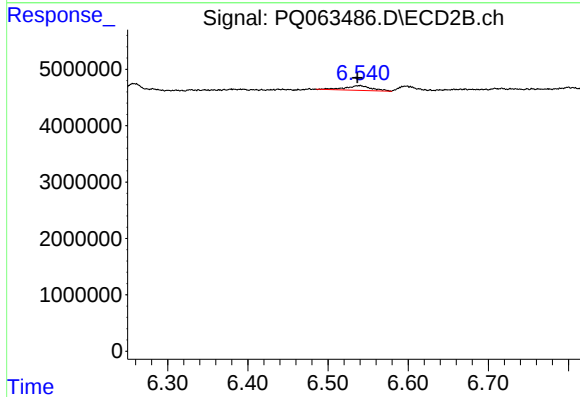
R.T.: 0.000 min
Exp R.T.: 7.094 min
Response: 0
Conc: N.D.



#41 AR-1268-1

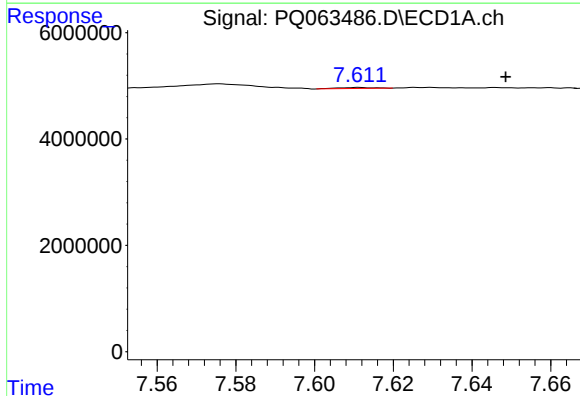
R.T.: 7.576 min
Delta R.T.: 0.006 min
Response: 1229034
Conc: 1.95 ng/ml

Instrument :
ECD_Q
ClientSampleId :



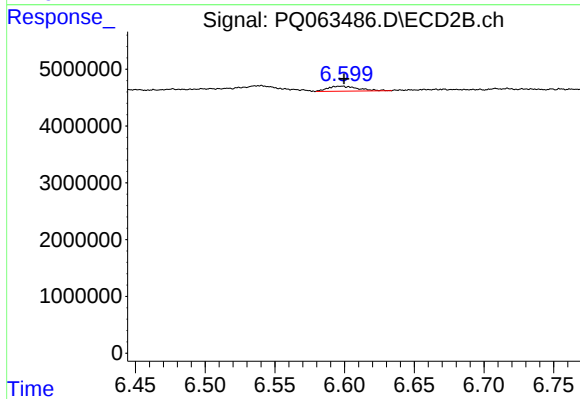
#41 AR-1268-1

R.T.: 6.540 min
Delta R.T.: 0.003 min
Response: 1900206
Conc: 3.15 ng/ml



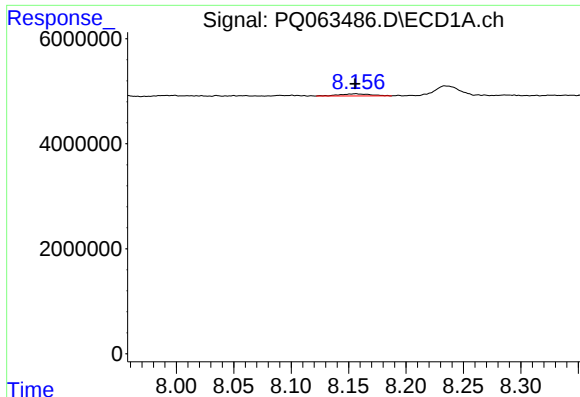
#42 AR-1268-2

R.T.: 7.611 min
Delta R.T.: -0.037 min
Response: 123085
Conc: 0.22 ng/ml



#42 AR-1268-2

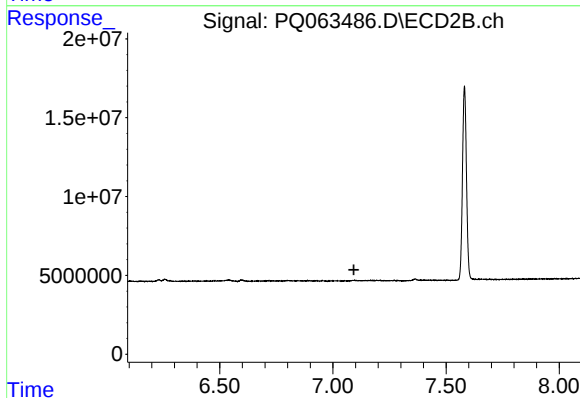
R.T.: 6.598 min
Delta R.T.: -0.002 min
Response: 1338134
Conc: 2.47 ng/ml



#44 AR-1268-4

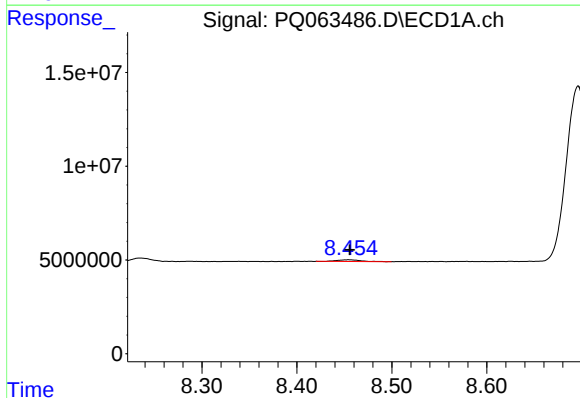
R.T.: 8.156 min
Delta R.T.: 0.000 min
Response: 770415
Conc: 3.80 ng/ml

Instrument :
ECD_Q
ClientSampleId :



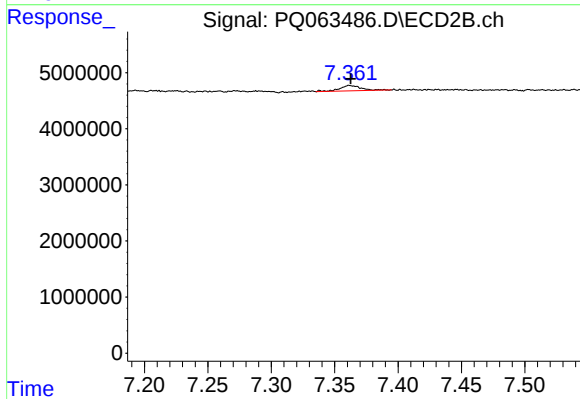
#44 AR-1268-4

R.T.: 0.000 min
Exp R.T. : 7.093 min
Response: 0
Conc: N.D.



#45 AR-1268-5

R.T.: 8.455 min
Delta R.T.: 0.000 min
Response: 1515637
Conc: 1.06 ng/ml



#45 AR-1268-5

R.T.: 7.362 min
Delta R.T.: 0.000 min
Response: 1128182
Conc: 0.79 ng/ml