

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ101123\
 Data File : PQ063644.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 10 Oct 2023 16:36
 Operator : YP\AJ
 Sample : 04796-09
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 10 20:44:37 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...	3.451	2.828f	2907889	1853141	0.554	0.459
2) SA Decachlor...	8.699	7.582	1191596	1847402	0.323	0.500 #
Target Compounds						
3) L1 AR-1016-1	4.578	3.791	60708420	51406153	367.556	386.701
4) L1 AR-1016-2	4.597	3.807	94451216	76244772	374.884	397.458
5) L1 AR-1016-3	4.655	3.968	57939985	40091644	369.785	381.928
6) L1 AR-1016-4	4.748	4.017	46974270	33353013	366.488	376.984
7) L1 AR-1016-5	5.037	4.213	44793224	40047623	355.302	372.913
8) L2 AR-1221-1	3.662	2.984	5664752	4793110	90.362	98.991
9) L2 AR-1221-2	3.745	3.063	6109323	5884242	147.994	176.572
10) L2 AR-1221-3	3.816	3.131	30086563	25501858	219.362	224.739
11) L3 AR-1232-1	3.816	3.131	30086563	25501858	270.296	271.623
12) L3 AR-1232-2	4.316	3.807	48409217	76244772	819.118	876.822
13) L3 AR-1232-3	4.597	3.968	94451216	40091644	829.098	873.445
14) L3 AR-1232-4	4.748	4.054	46974270	36788151	812.520	940.556
15) L3 AR-1232-5	4.846	4.213	35993977	40047623	889.150	887.099
16) L4 AR-1242-1	4.578	3.791	60708420	51406153	435.964	456.336
17) L4 AR-1242-2	4.597	3.807	94451216	76244772	440.606	469.529
18) L4 AR-1242-3	4.655	3.968	57939985	40091644	435.828	457.350
19) L4 AR-1242-4	4.748	4.054	46974270	36788151	430.764	448.871
20) L4 AR-1242-5	5.471	4.551	4907209	32718870	42.309	307.114 #
21) L5 AR-1248-1	4.578	3.791	60708420	51406153	568.815	593.866
22) L5 AR-1248-2	4.846	4.017	35993977	33353013	235.129	259.002
23) L5 AR-1248-3	5.037	4.054	44793224	36788151	243.772	296.910
24) L5 AR-1248-4	5.434	4.213	5779571	40047623	28.442	263.923 #
25) L5 AR-1248-5	5.471	4.589	4907209	4674415	24.470	30.796 #
26) L6 AR-1254-1	5.407	4.551	34179540	32718870	170.809	148.283
27) L6 AR-1254-2	5.627	4.699	39499681	31612494	126.158	162.948 #
28) L6 AR-1254-3	5.981	5.083	20064126	16070614	61.826	52.678
29) L6 AR-1254-4	6.266	5.311	12640443	6025037	53.757	30.908 #
30) L6 AR-1254-5	6.683	5.718	125.0E6	122.2E6	482.973	442.335
31) L7 AR-1260-1	6.149	5.213	87481715	81598018	353.612	381.442
32) L7 AR-1260-2	6.409	5.403	105.4E6	97920779	353.364	385.984
33) L7 AR-1260-3	6.765	5.546	65069884	93030144	297.618	384.226 #
34) L7 AR-1260-4	6.984	6.010	77602589	68728439	315.569	339.175
35) L7 AR-1260-5	7.297	6.257	150.7E6	159.4E6	316.407	343.727
36) L8 AR-1262-1	6.765	5.762	65069884	67814446	197.061	235.399
37) L8 AR-1262-2	7.297	6.257	150.7E6	159.4E6	276.570	307.711
38) L8 AR-1262-3	7.577	6.537	94334458	31811910	261.058	148.268 #
39) L8 AR-1262-4	7.647	6.595	23982840	122.6E6	87.529	313.478 #
40) L8 AR-1262-5	8.158	7.094	34198600	40307586	184.807	216.589
41) L9 AR-1268-1	7.577	6.537	94334458	31811910	149.751	52.730 #

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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

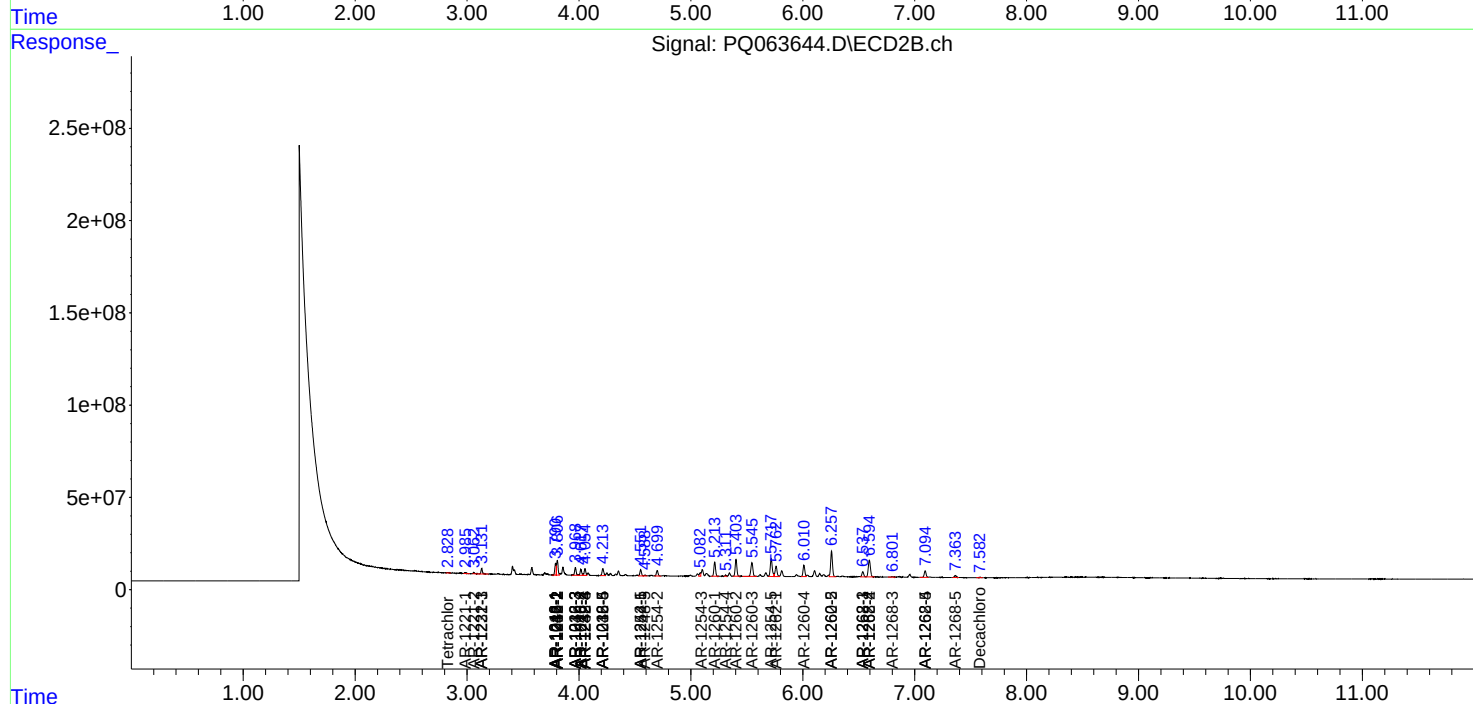
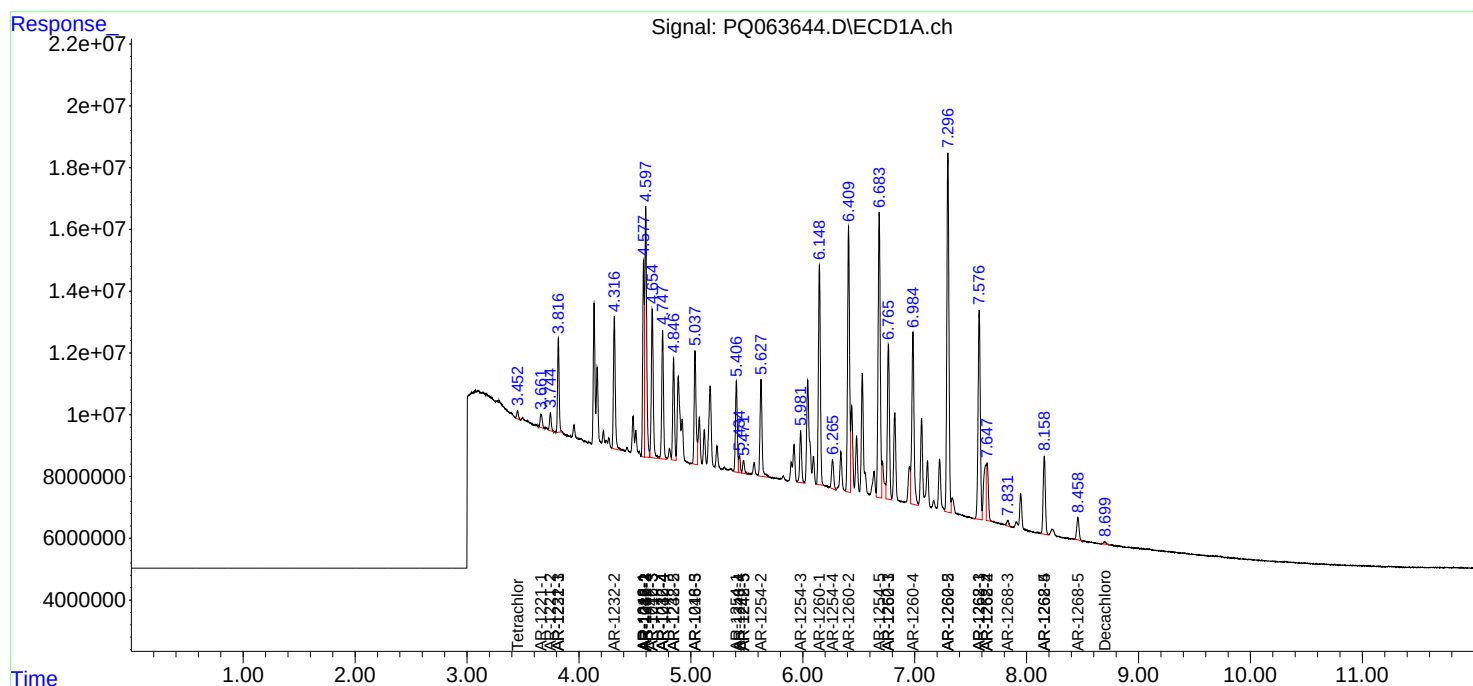
	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
42) L9	AR-1268-2	7.647	6.595	23982840	122.6E6	42.383	225.894 #
43) L9	AR-1268-3	7.831	6.801	2540046	2905264	5.185	6.174
44) L9	AR-1268-4	8.158	7.094	34198600	40307586	168.746	197.841
45) L9	AR-1268-5	8.459	7.363	10452855	12254901	7.283	8.577

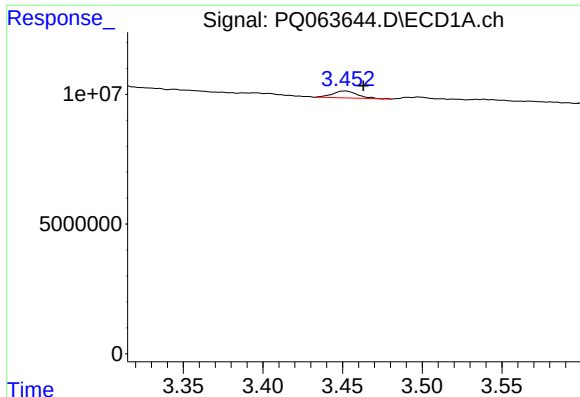
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

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Quant Title : GC EXTRACTABLES
QLast Update : Tue Sep 26 06:41:31 2023
Response via : Initial Calibration
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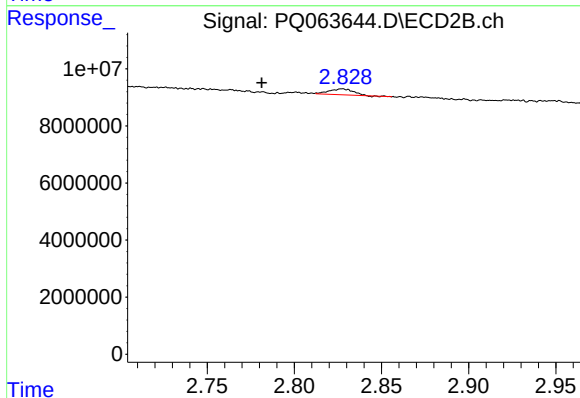
Volume Inj. : 1 µl
Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2
Signal #1 Info : 30Mx0.32mmx 0.5µm Signal #2 Info : 30M x 0.32mm x 0.25µm





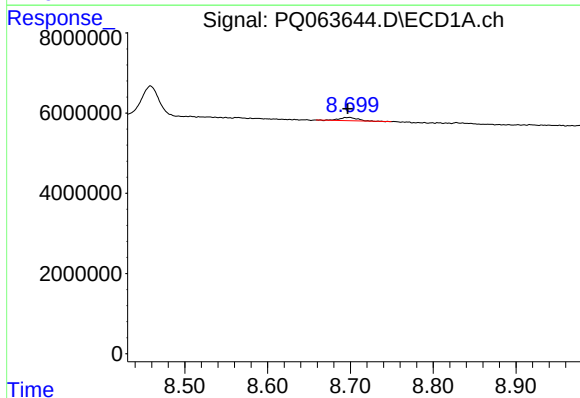
#1 Tetrachloro-m-xylene

R.T.: 3.451 min
Delta R.T.: -0.012 min
Response: 2907889
Conc: 0.55 ng/ml



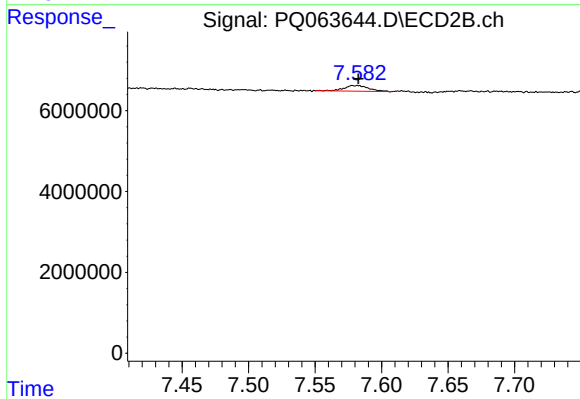
#1 Tetrachloro-m-xylene

R.T.: 2.828 min
Delta R.T.: 0.046 min
Response: 1853141
Conc: 0.46 ng/ml



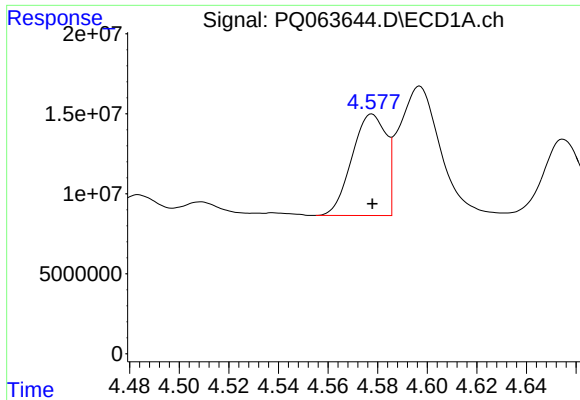
#2 Decachlorobiphenyl

R.T.: 8.699 min
Delta R.T.: 0.002 min
Response: 1191596
Conc: 0.32 ng/ml



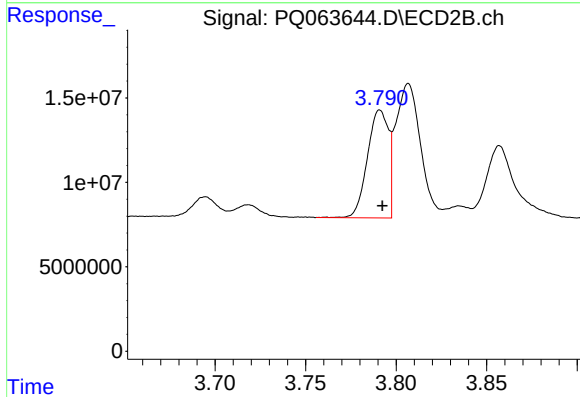
#2 Decachlorobiphenyl

R.T.: 7.582 min
Delta R.T.: 0.000 min
Response: 1847402
Conc: 0.50 ng/ml



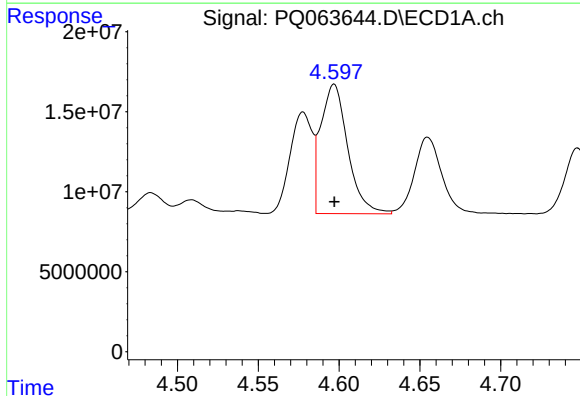
#3 AR-1016-1

R.T.: 4.578 min
Delta R.T.: 0.000 min
Response: 60708420
Conc: 367.56 ng/ml



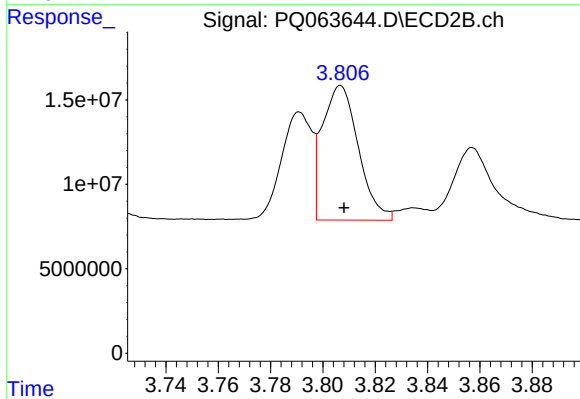
#3 AR-1016-1

R.T.: 3.791 min
Delta R.T.: -0.001 min
Response: 51406153
Conc: 386.70 ng/ml



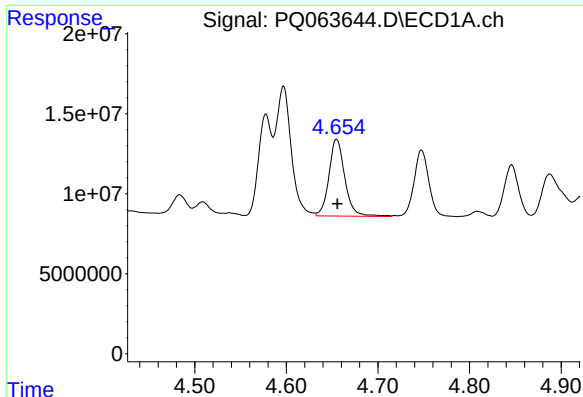
#4 AR-1016-2

R.T.: 4.597 min
Delta R.T.: 0.000 min
Response: 94451216
Conc: 374.88 ng/ml



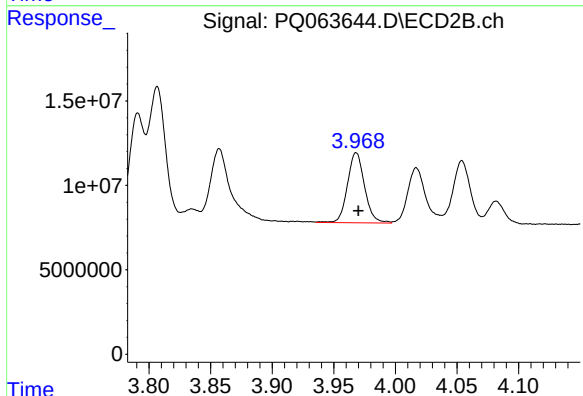
#4 AR-1016-2

R.T.: 3.807 min
Delta R.T.: -0.001 min
Response: 76244772
Conc: 397.46 ng/ml



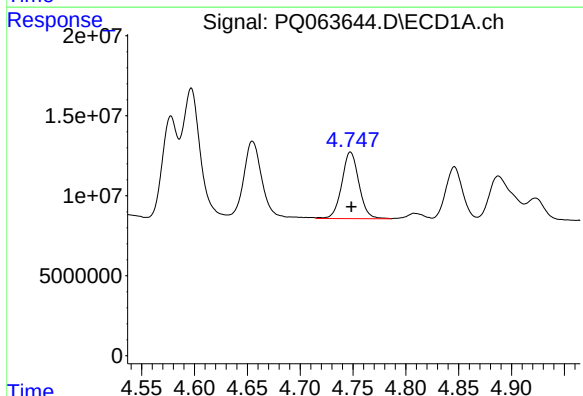
#5 AR-1016-3

R.T.: 4.655 min
Delta R.T.: -0.001 min
Response: 57939985
Conc: 369.79 ng/ml



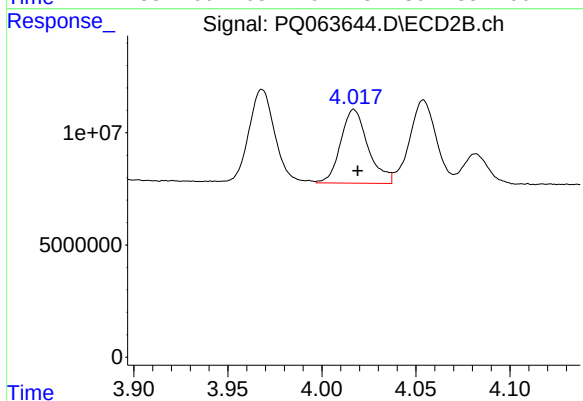
#5 AR-1016-3

R.T.: 3.968 min
Delta R.T.: -0.002 min
Response: 40091644
Conc: 381.93 ng/ml



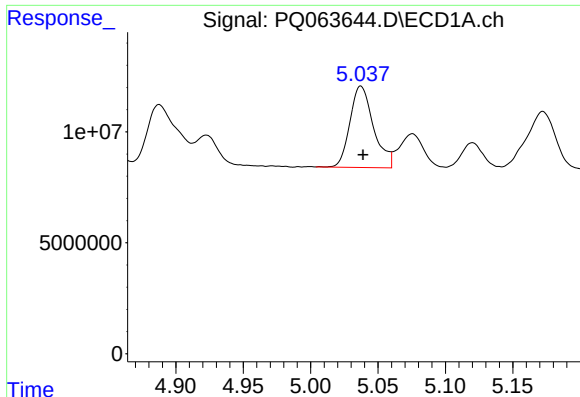
#6 AR-1016-4

R.T.: 4.748 min
Delta R.T.: 0.000 min
Response: 46974270
Conc: 366.49 ng/ml



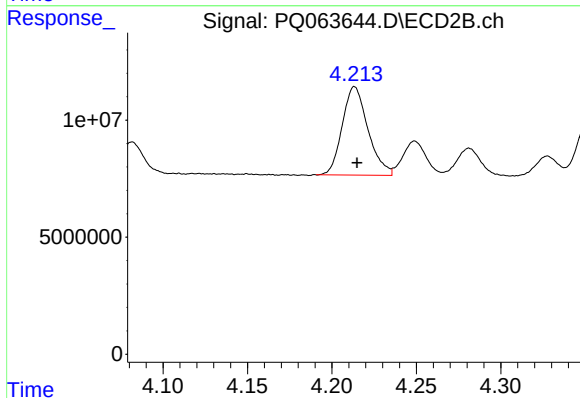
#6 AR-1016-4

R.T.: 4.017 min
Delta R.T.: -0.002 min
Response: 33353013
Conc: 376.98 ng/ml



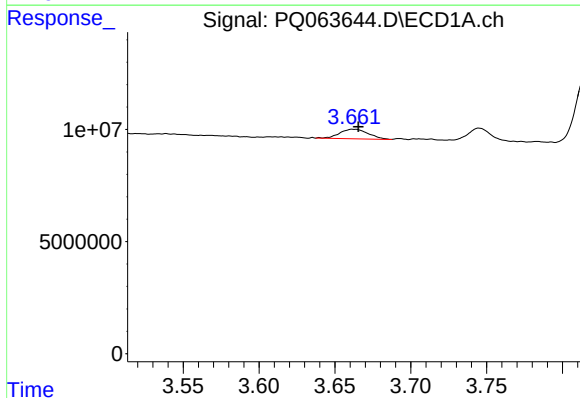
#7 AR-1016-5

R.T.: 5.037 min
Delta R.T.: -0.002 min
Response: 44793224
Conc: 355.30 ng/ml



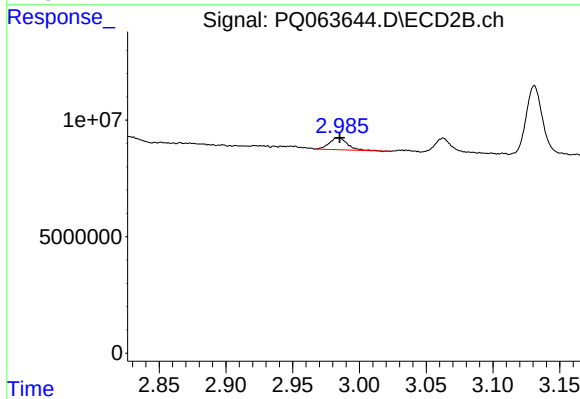
#7 AR-1016-5

R.T.: 4.213 min
Delta R.T.: -0.001 min
Response: 40047623
Conc: 372.91 ng/ml



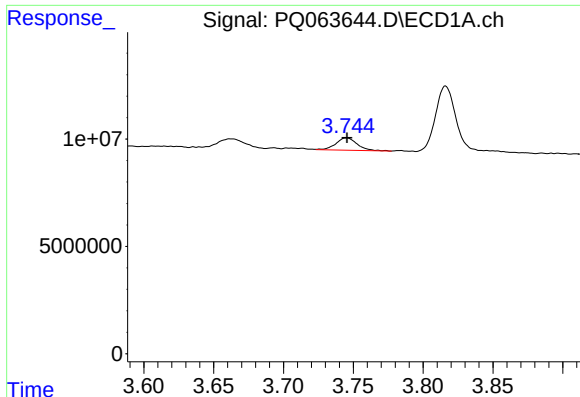
#8 AR-1221-1

R.T.: 3.662 min
Delta R.T.: -0.003 min
Response: 5664752
Conc: 90.36 ng/ml



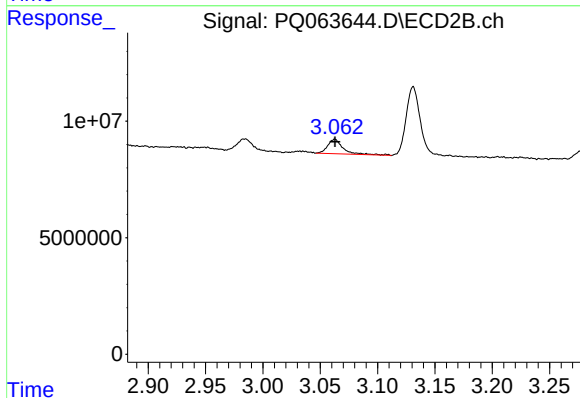
#8 AR-1221-1

R.T.: 2.984 min
Delta R.T.: -0.001 min
Response: 4793110
Conc: 98.99 ng/ml



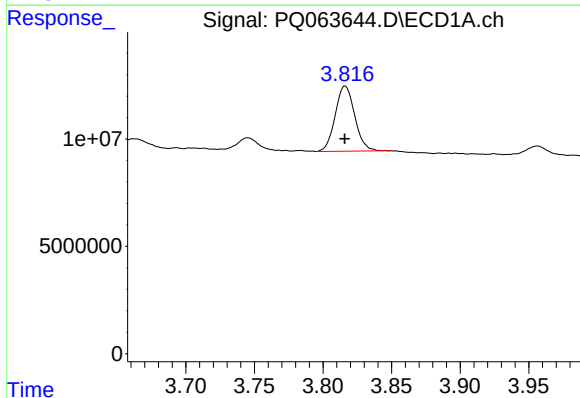
#9 AR-1221-2

R.T.: 3.745 min
Delta R.T.: 0.000 min
Response: 6109323
Conc: 147.99 ng/ml



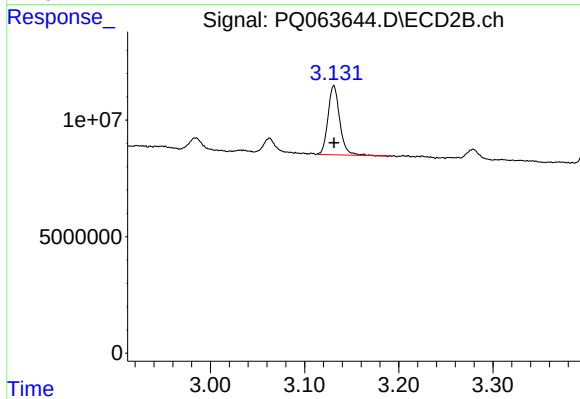
#9 AR-1221-2

R.T.: 3.063 min
Delta R.T.: 0.000 min
Response: 5884242
Conc: 176.57 ng/ml



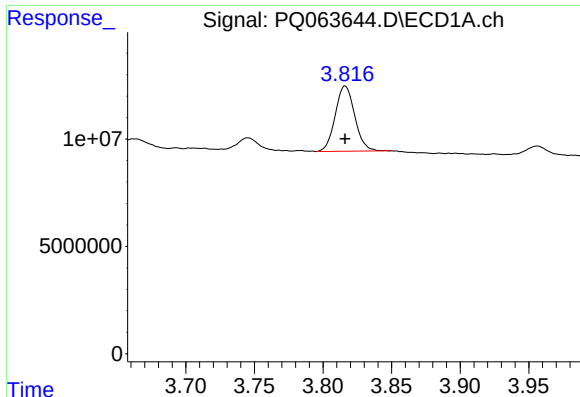
#10 AR-1221-3

R.T.: 3.816 min
Delta R.T.: 0.000 min
Response: 30086563
Conc: 219.36 ng/ml



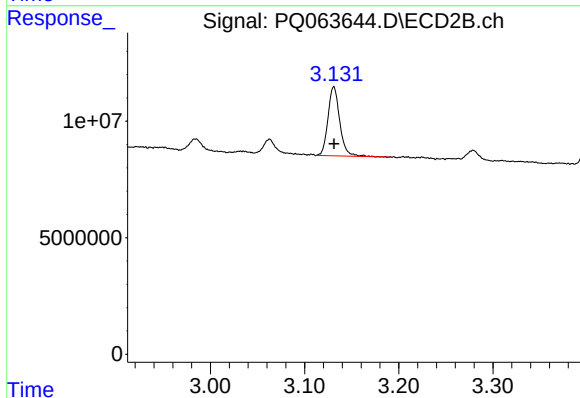
#10 AR-1221-3

R.T.: 3.131 min
Delta R.T.: 0.000 min
Response: 25501858
Conc: 224.74 ng/ml



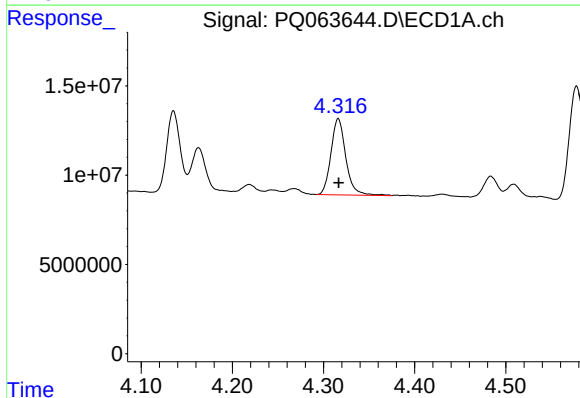
#11 AR-1232-1

R.T.: 3.816 min
Delta R.T.: 0.000 min
Response: 30086563
Conc: 270.30 ng/ml



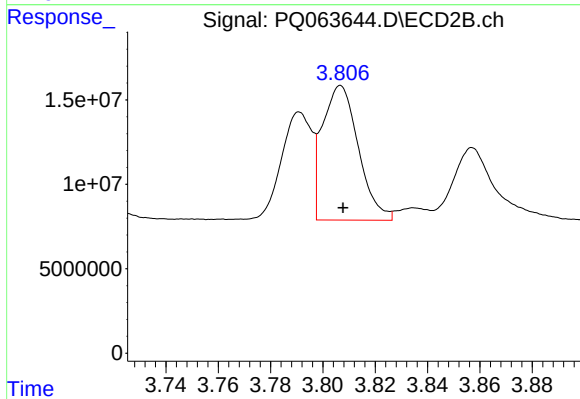
#11 AR-1232-1

R.T.: 3.131 min
Delta R.T.: 0.000 min
Response: 25501858
Conc: 271.62 ng/ml



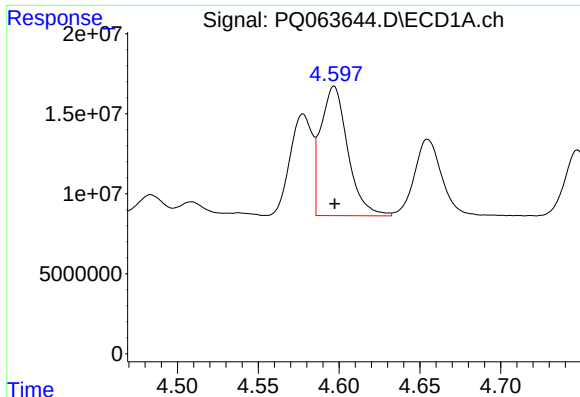
#12 AR-1232-2

R.T.: 4.316 min
Delta R.T.: 0.000 min
Response: 48409217
Conc: 819.12 ng/ml



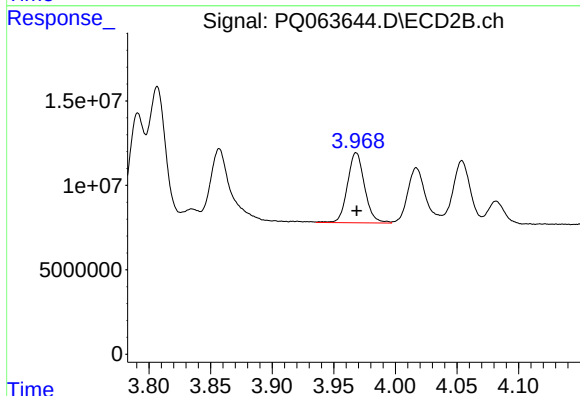
#12 AR-1232-2

R.T.: 3.807 min
Delta R.T.: 0.000 min
Response: 76244772
Conc: 876.82 ng/ml



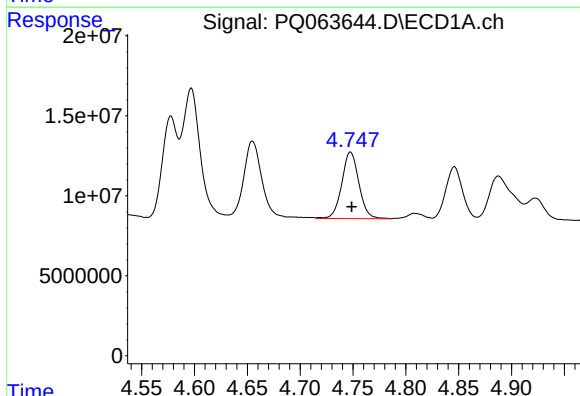
#13 AR-1232-3

R.T.: 4.597 min
Delta R.T.: 0.000 min
Response: 94451216
Conc: 829.10 ng/ml



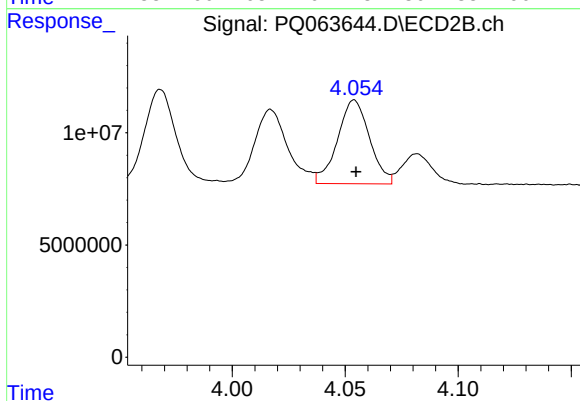
#13 AR-1232-3

R.T.: 3.968 min
Delta R.T.: 0.000 min
Response: 40091644
Conc: 873.45 ng/ml



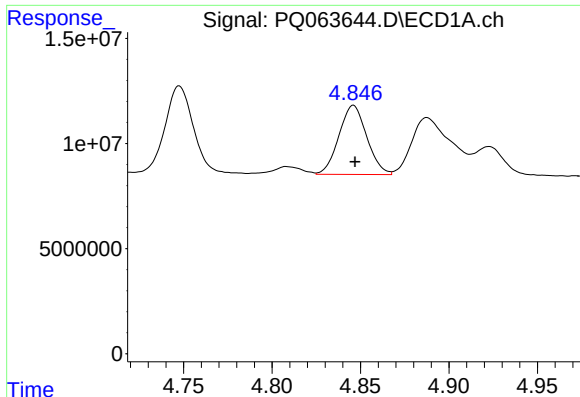
#14 AR-1232-4

R.T.: 4.748 min
Delta R.T.: -0.001 min
Response: 46974270
Conc: 812.52 ng/ml



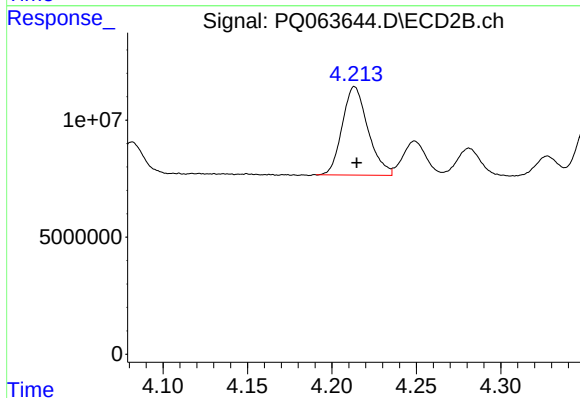
#14 AR-1232-4

R.T.: 4.054 min
Delta R.T.: 0.000 min
Response: 36788151
Conc: 940.56 ng/ml



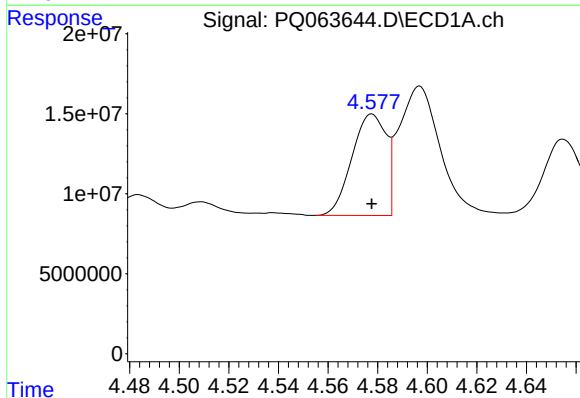
#15 AR-1232-5

R.T.: 4.846 min
Delta R.T.: 0.000 min
Response: 35993977
Conc: 889.15 ng/ml



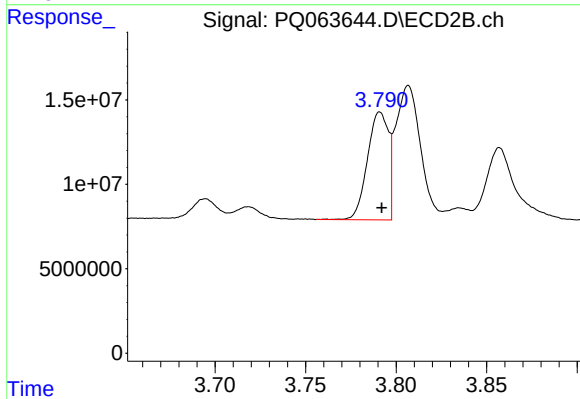
#15 AR-1232-5

R.T.: 4.213 min
Delta R.T.: -0.001 min
Response: 40047623
Conc: 887.10 ng/ml



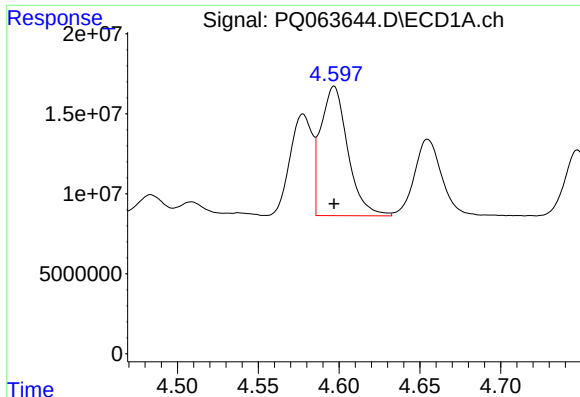
#16 AR-1242-1

R.T.: 4.578 min
Delta R.T.: 0.000 min
Response: 60708420
Conc: 435.96 ng/ml



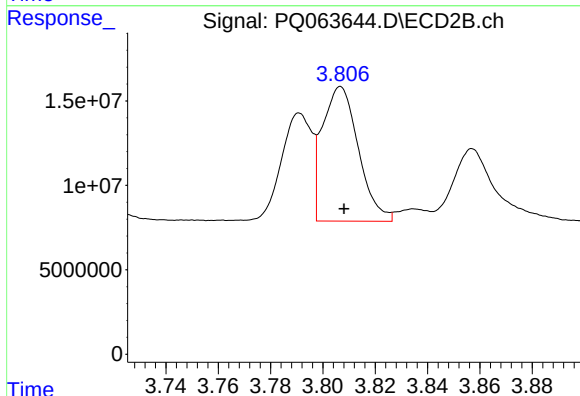
#16 AR-1242-1

R.T.: 3.791 min
Delta R.T.: -0.001 min
Response: 51406153
Conc: 456.34 ng/ml



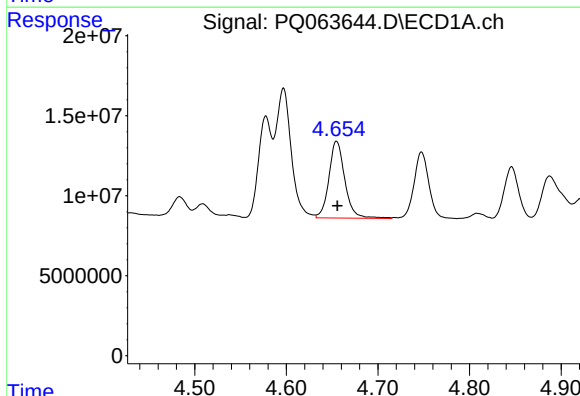
#17 AR-1242-2

R.T.: 4.597 min
Delta R.T.: 0.000 min
Response: 94451216
Conc: 440.61 ng/ml



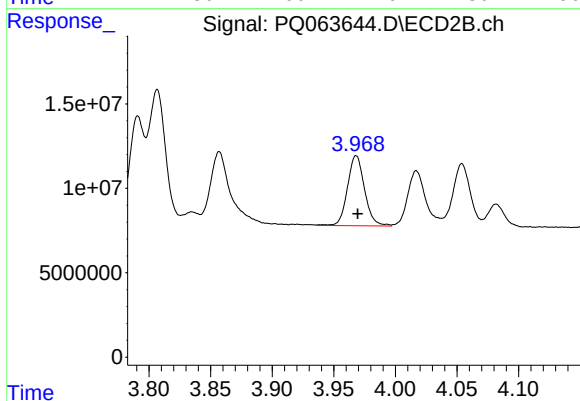
#17 AR-1242-2

R.T.: 3.807 min
Delta R.T.: -0.001 min
Response: 76244772
Conc: 469.53 ng/ml



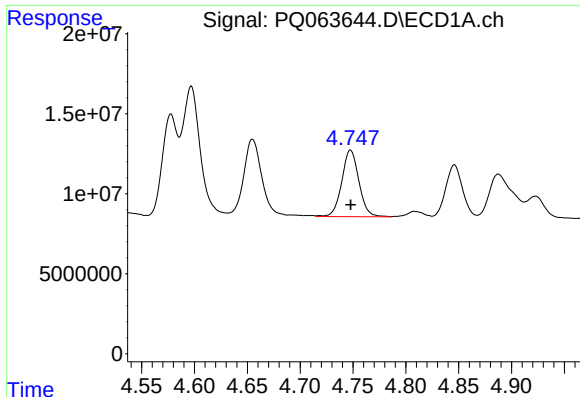
#18 AR-1242-3

R.T.: 4.655 min
Delta R.T.: 0.000 min
Response: 57939985
Conc: 435.83 ng/ml



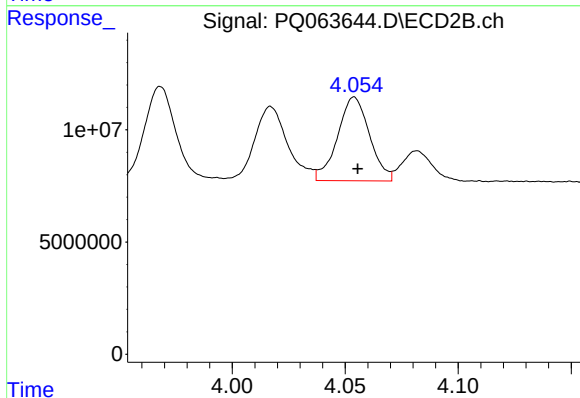
#18 AR-1242-3

R.T.: 3.968 min
Delta R.T.: -0.001 min
Response: 40091644
Conc: 457.35 ng/ml



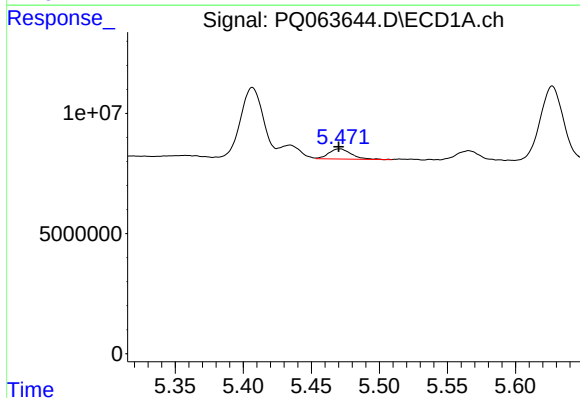
#19 AR-1242-4

R.T.: 4.748 min
Delta R.T.: 0.000 min
Response: 46974270
Conc: 430.76 ng/ml



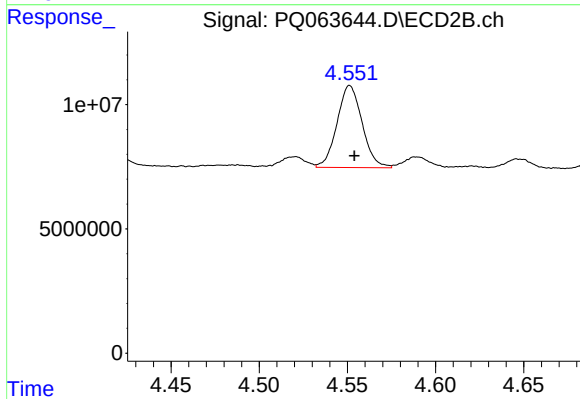
#19 AR-1242-4

R.T.: 4.054 min
Delta R.T.: -0.001 min
Response: 36788151
Conc: 448.87 ng/ml



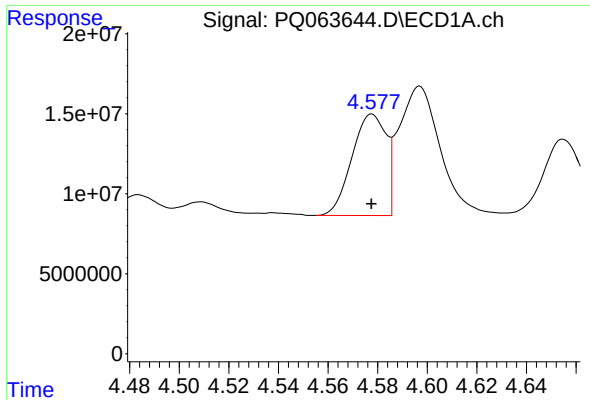
#20 AR-1242-5

R.T.: 5.471 min
Delta R.T.: 0.000 min
Response: 4907209
Conc: 42.31 ng/ml



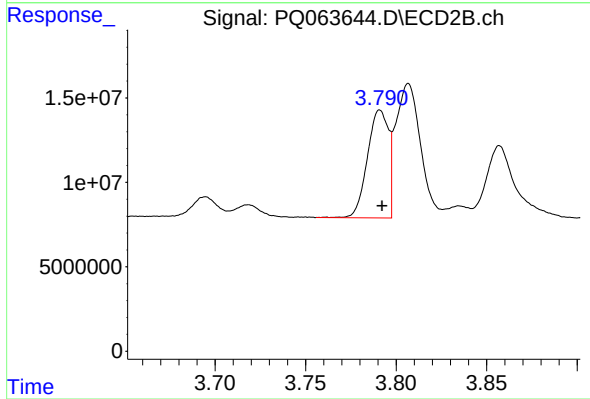
#20 AR-1242-5

R.T.: 4.551 min
Delta R.T.: -0.003 min
Response: 32718870
Conc: 307.11 ng/ml



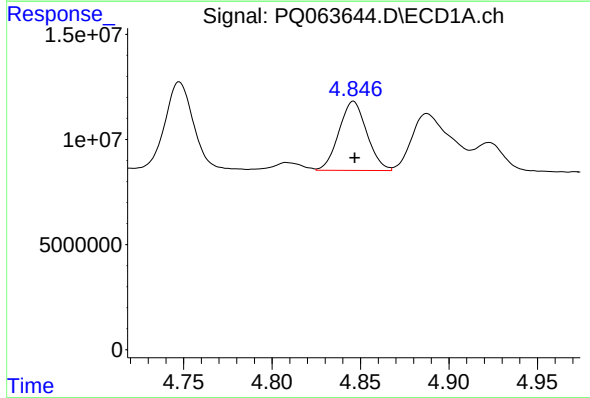
#21 AR-1248-1

R.T.: 4.578 min
Delta R.T.: 0.000 min
Response: 60708420
Conc: 568.81 ng/ml



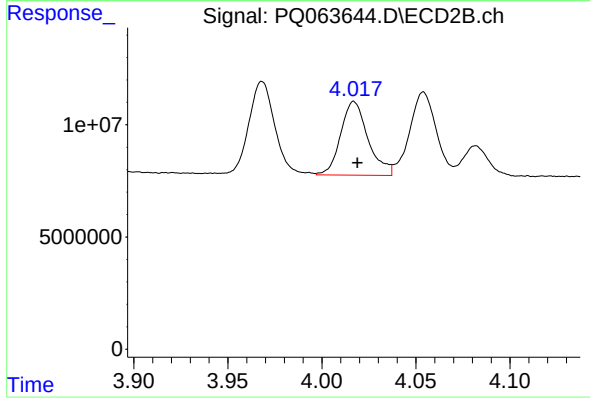
#21 AR-1248-1

R.T.: 3.791 min
Delta R.T.: -0.001 min
Response: 51406153
Conc: 593.87 ng/ml



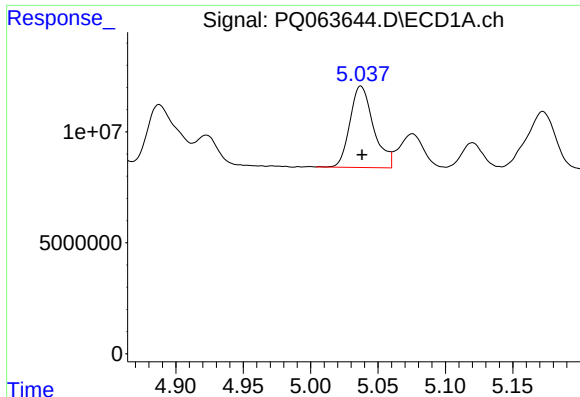
#22 AR-1248-2

R.T.: 4.846 min
Delta R.T.: 0.000 min
Response: 35993977
Conc: 235.13 ng/ml



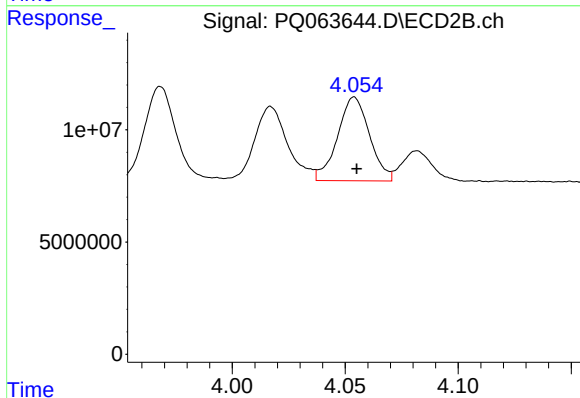
#22 AR-1248-2

R.T.: 4.017 min
Delta R.T.: -0.002 min
Response: 33353013
Conc: 259.00 ng/ml



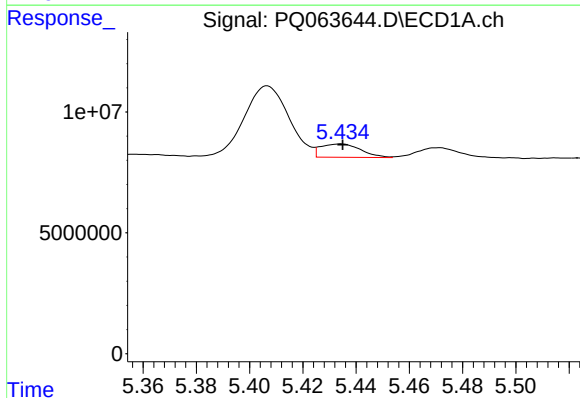
#23 AR-1248-3

R.T.: 5.037 min
Delta R.T.: 0.000 min
Response: 44793224
Conc: 243.77 ng/ml



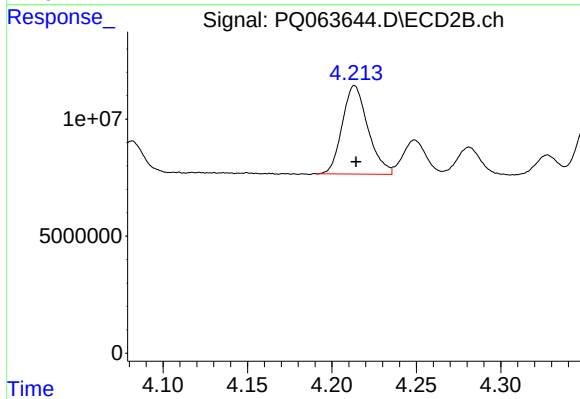
#23 AR-1248-3

R.T.: 4.054 min
Delta R.T.: -0.001 min
Response: 36788151
Conc: 296.91 ng/ml



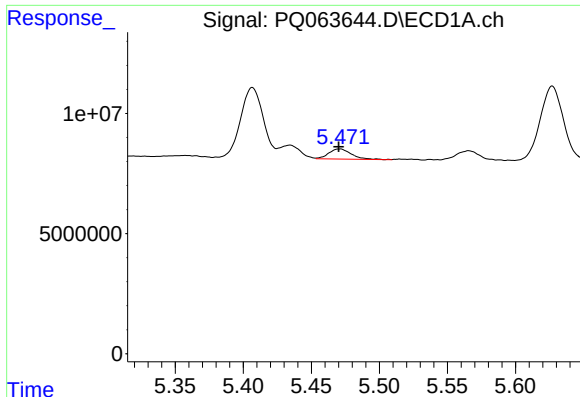
#24 AR-1248-4

R.T.: 5.434 min
Delta R.T.: 0.000 min
Response: 5779571
Conc: 28.44 ng/ml



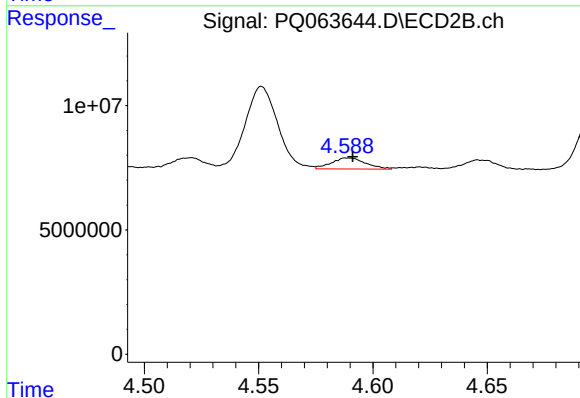
#24 AR-1248-4

R.T.: 4.213 min
Delta R.T.: 0.000 min
Response: 40047623
Conc: 263.92 ng/ml



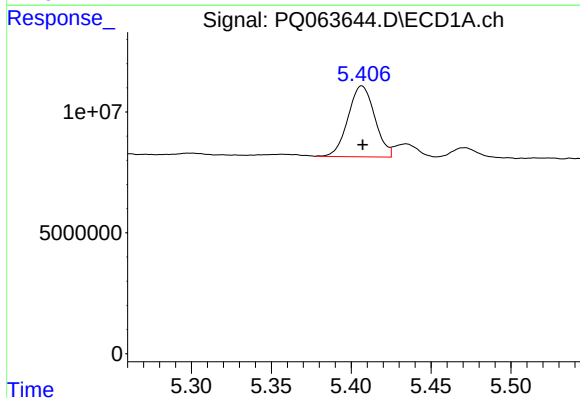
#25 AR-1248-5

R.T.: 5.471 min
Delta R.T.: 0.000 min
Response: 4907209
Conc: 24.47 ng/ml



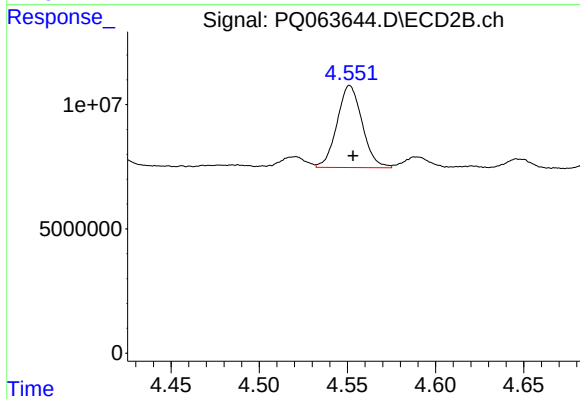
#25 AR-1248-5

R.T.: 4.589 min
Delta R.T.: -0.002 min
Response: 4674415
Conc: 30.80 ng/ml



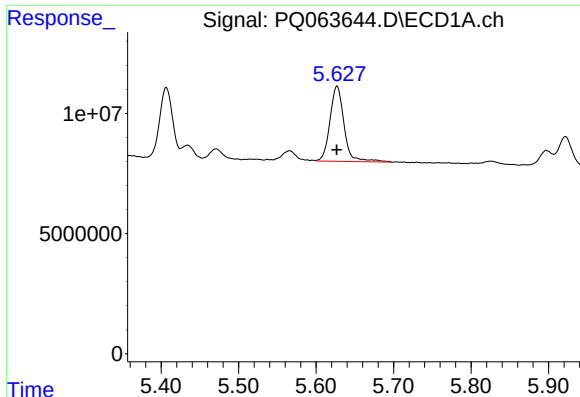
#26 AR-1254-1

R.T.: 5.407 min
Delta R.T.: 0.000 min
Response: 34179540
Conc: 170.81 ng/ml



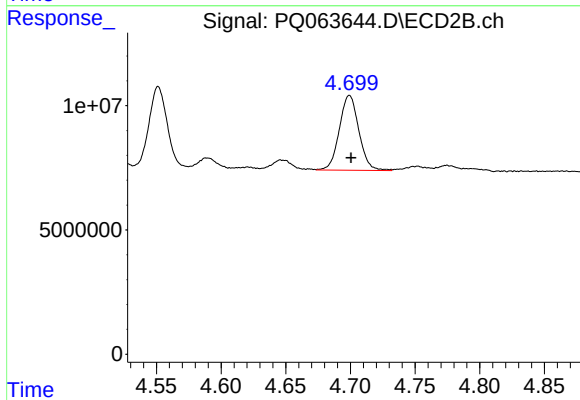
#26 AR-1254-1

R.T.: 4.551 min
Delta R.T.: -0.002 min
Response: 32718870
Conc: 148.28 ng/ml



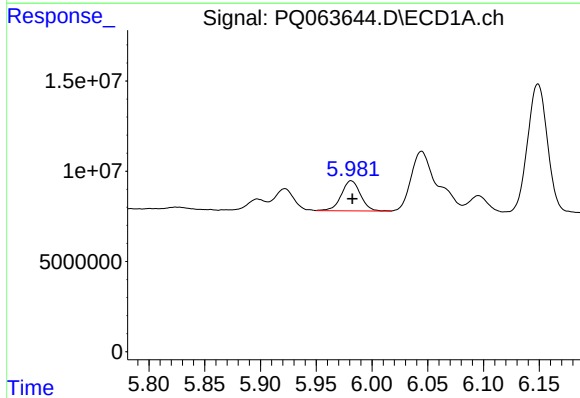
#27 AR-1254-2

R.T.: 5.627 min
Delta R.T.: 0.000 min
Response: 39499681
Conc: 126.16 ng/ml



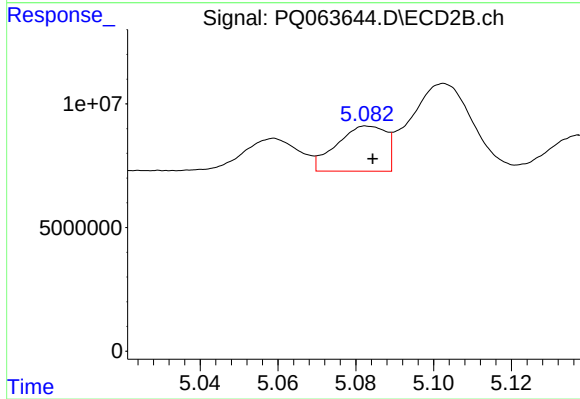
#27 AR-1254-2

R.T.: 4.699 min
Delta R.T.: -0.001 min
Response: 31612494
Conc: 162.95 ng/ml



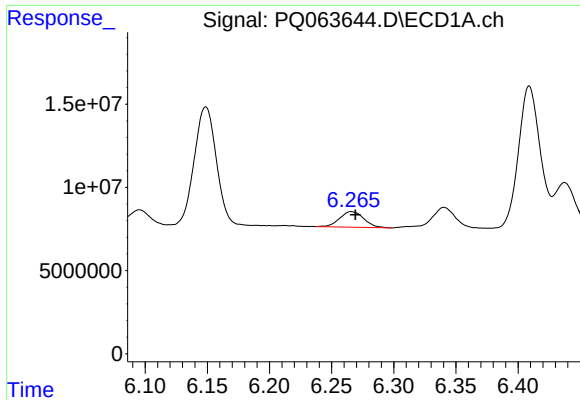
#28 AR-1254-3

R.T.: 5.981 min
Delta R.T.: -0.001 min
Response: 20064126
Conc: 61.83 ng/ml



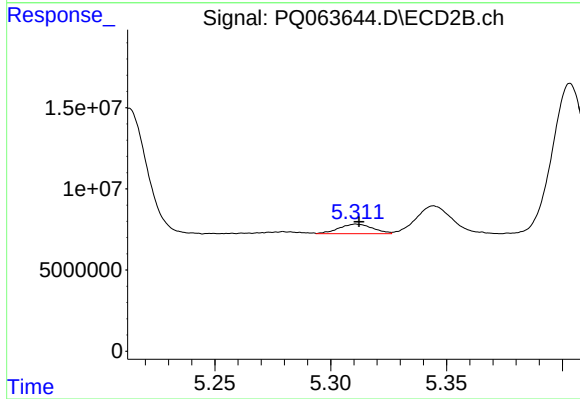
#28 AR-1254-3

R.T.: 5.083 min
Delta R.T.: -0.001 min
Response: 16070614
Conc: 52.68 ng/ml



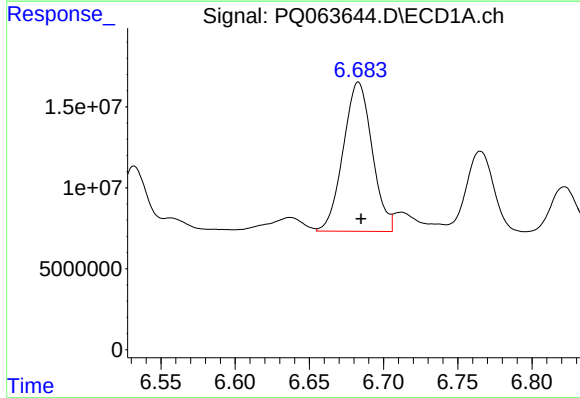
#29 AR-1254-4

R.T.: 6.266 min
Delta R.T.: -0.003 min
Response: 12640443
Conc: 53.76 ng/ml



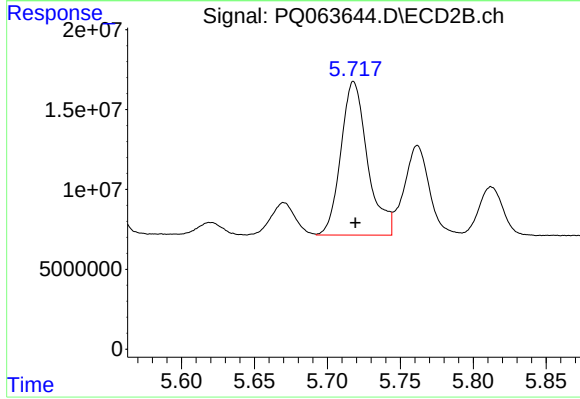
#29 AR-1254-4

R.T.: 5.311 min
Delta R.T.: -0.001 min
Response: 6025037
Conc: 30.91 ng/ml



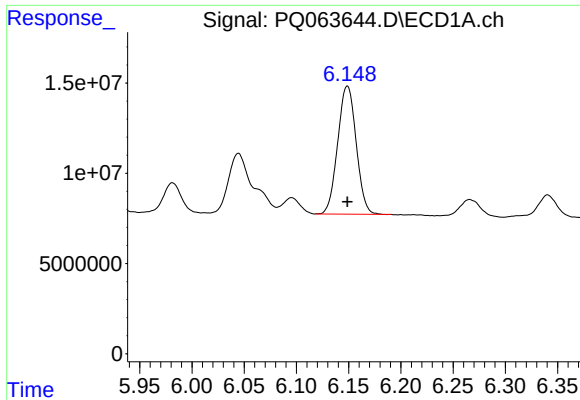
#30 AR-1254-5

R.T.: 6.683 min
Delta R.T.: -0.002 min
Response: 124957732
Conc: 482.97 ng/ml



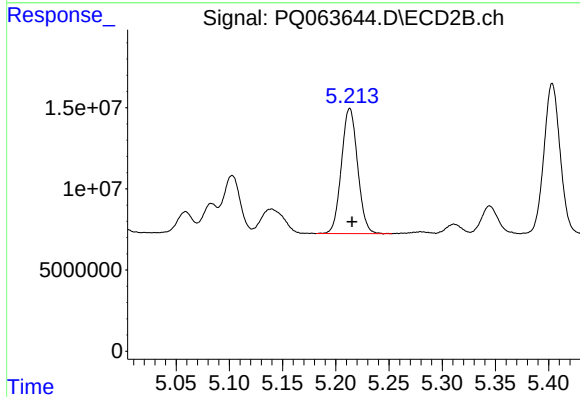
#30 AR-1254-5

R.T.: 5.718 min
Delta R.T.: -0.001 min
Response: 122204215
Conc: 442.33 ng/ml



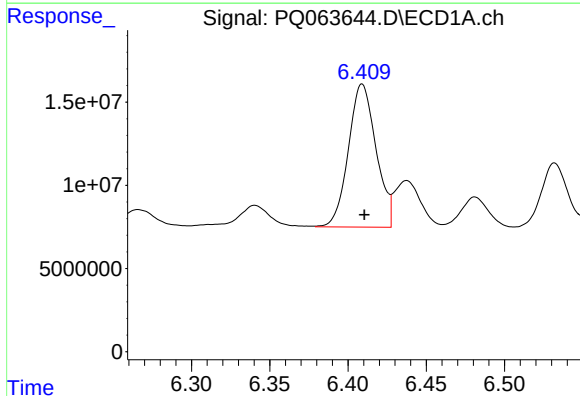
#31 AR-1260-1

R.T.: 6.149 min
Delta R.T.: 0.000 min
Response: 87481715
Conc: 353.61 ng/ml



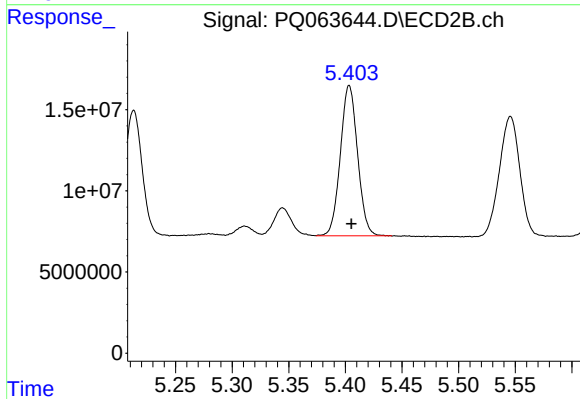
#31 AR-1260-1

R.T.: 5.213 min
Delta R.T.: -0.002 min
Response: 81598018
Conc: 381.44 ng/ml



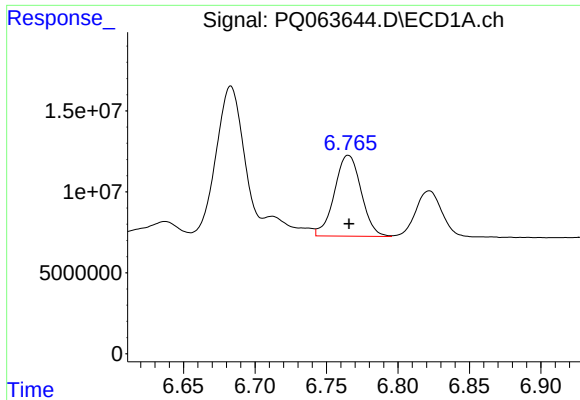
#32 AR-1260-2

R.T.: 6.409 min
Delta R.T.: -0.001 min
Response: 105436913
Conc: 353.36 ng/ml



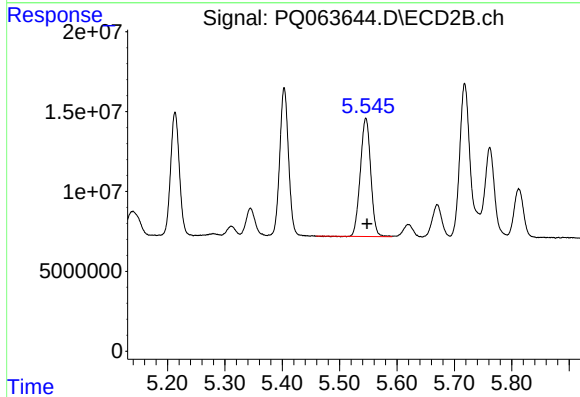
#32 AR-1260-2

R.T.: 5.403 min
Delta R.T.: -0.002 min
Response: 97920779
Conc: 385.98 ng/ml



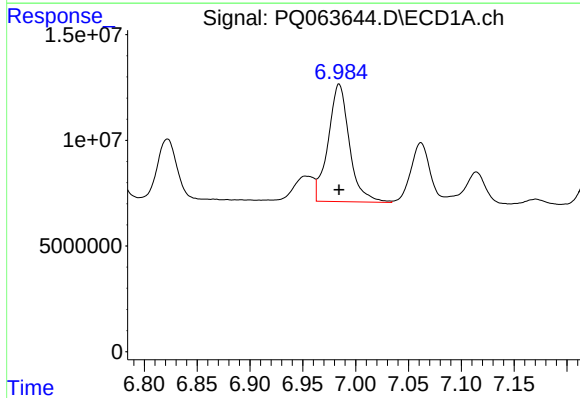
#33 AR-1260-3

R.T.: 6.765 min
Delta R.T.: 0.000 min
Response: 65069884
Conc: 297.62 ng/ml



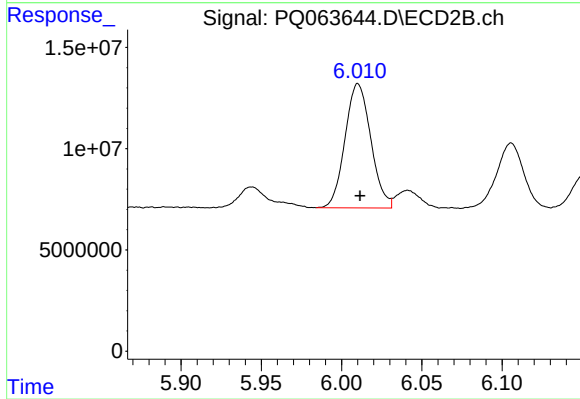
#33 AR-1260-3

R.T.: 5.546 min
Delta R.T.: -0.002 min
Response: 93030144
Conc: 384.23 ng/ml



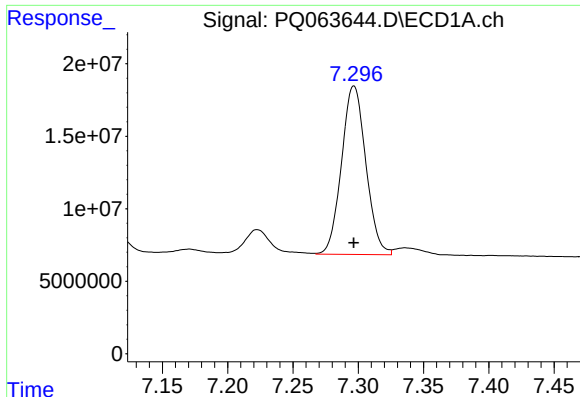
#34 AR-1260-4

R.T.: 6.984 min
Delta R.T.: 0.000 min
Response: 77602589
Conc: 315.57 ng/ml



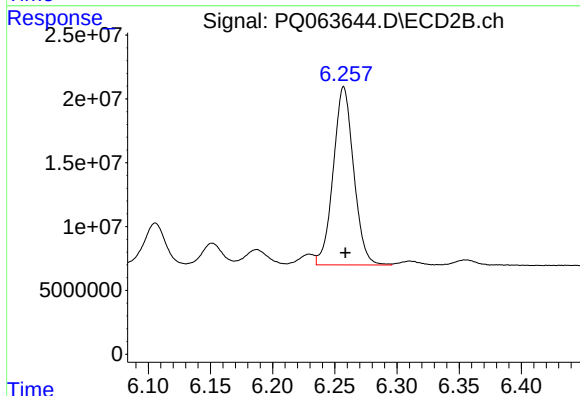
#34 AR-1260-4

R.T.: 6.010 min
Delta R.T.: -0.001 min
Response: 68728439
Conc: 339.18 ng/ml



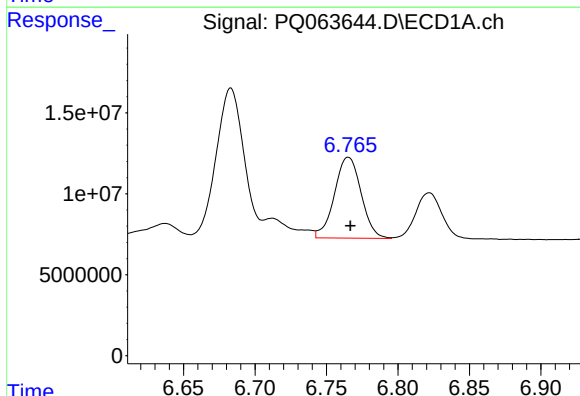
#35 AR-1260-5

R.T.: 7.297 min
Delta R.T.: 0.000 min
Response: 150736597
Conc: 316.41 ng/ml



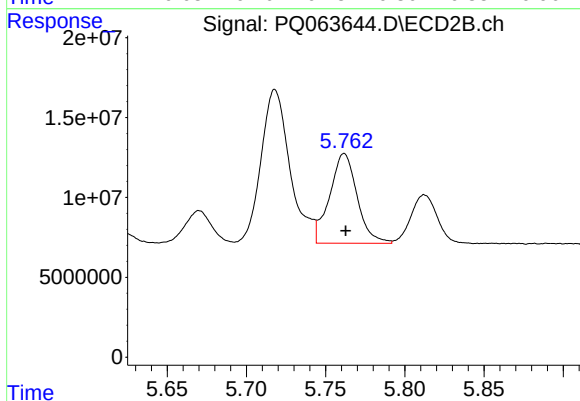
#35 AR-1260-5

R.T.: 6.257 min
Delta R.T.: -0.001 min
Response: 159440934
Conc: 343.73 ng/ml



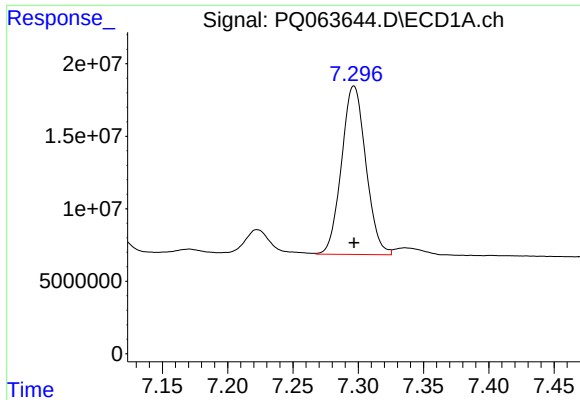
#36 AR-1262-1

R.T.: 6.765 min
Delta R.T.: -0.002 min
Response: 65069884
Conc: 197.06 ng/ml



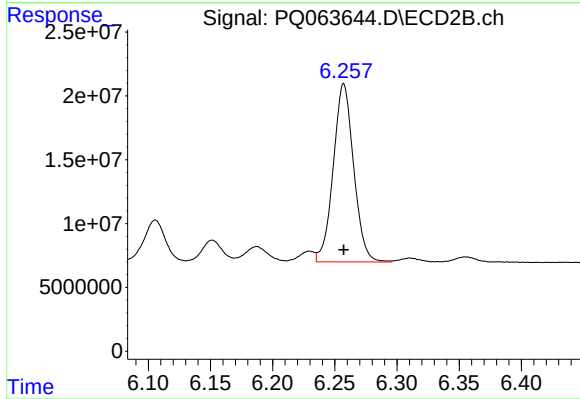
#36 AR-1262-1

R.T.: 5.762 min
Delta R.T.: 0.000 min
Response: 67814446
Conc: 235.40 ng/ml



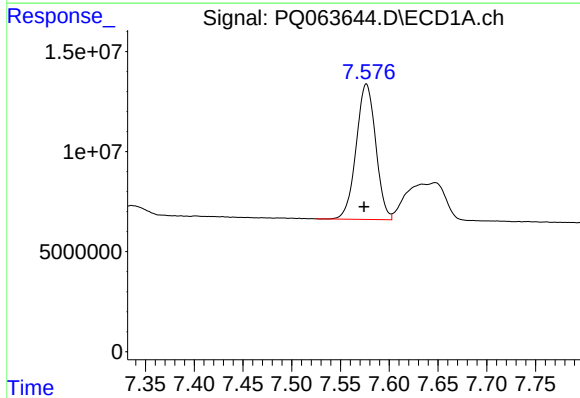
#37 AR-1262-2

R.T.: 7.297 min
Delta R.T.: 0.000 min
Response: 150736597
Conc: 276.57 ng/ml



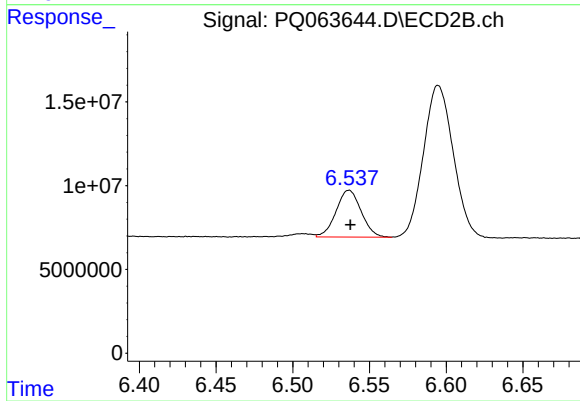
#37 AR-1262-2

R.T.: 6.257 min
Delta R.T.: 0.000 min
Response: 159440934
Conc: 307.71 ng/ml



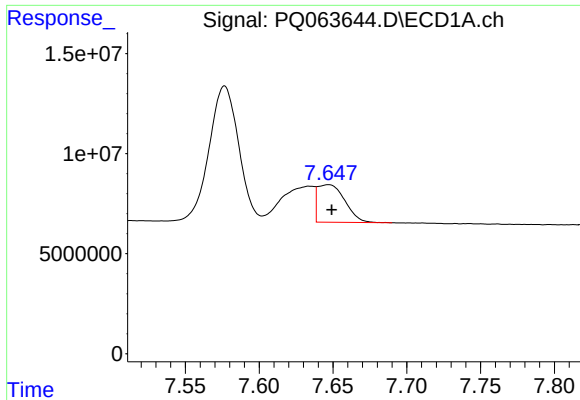
#38 AR-1262-3

R.T.: 7.577 min
Delta R.T.: 0.002 min
Response: 94334458
Conc: 261.06 ng/ml



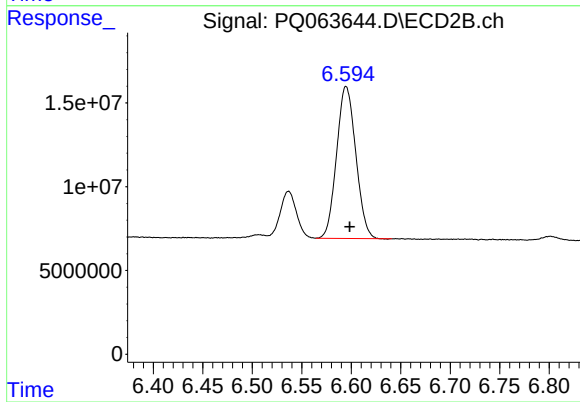
#38 AR-1262-3

R.T.: 6.537 min
Delta R.T.: 0.000 min
Response: 31811910
Conc: 148.27 ng/ml



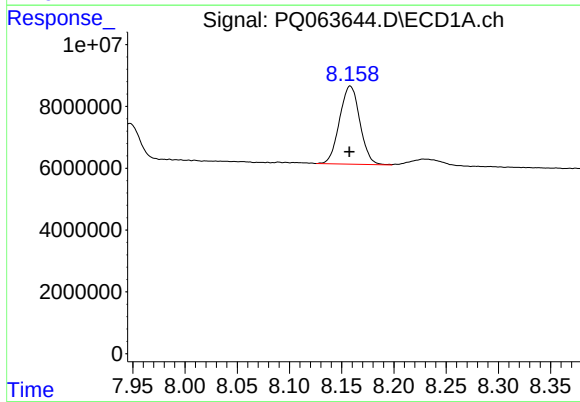
#39 AR-1262-4

R.T.: 7.647 min
Delta R.T.: -0.002 min
Response: 23982840
Conc: 87.53 ng/ml



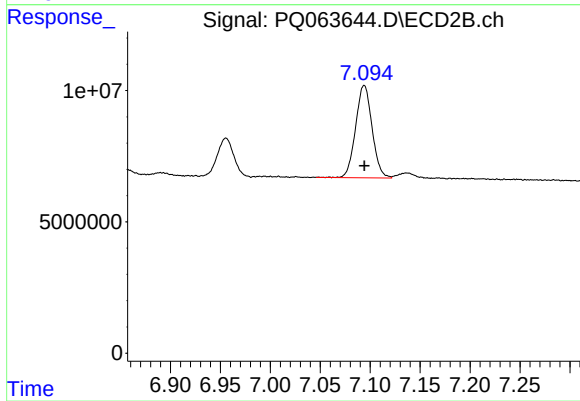
#39 AR-1262-4

R.T.: 6.595 min
Delta R.T.: -0.004 min
Response: 122558466
Conc: 313.48 ng/ml



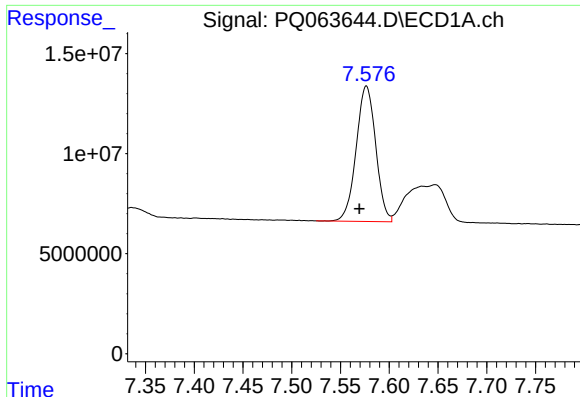
#40 AR-1262-5

R.T.: 8.158 min
Delta R.T.: 0.001 min
Response: 34198600
Conc: 184.81 ng/ml



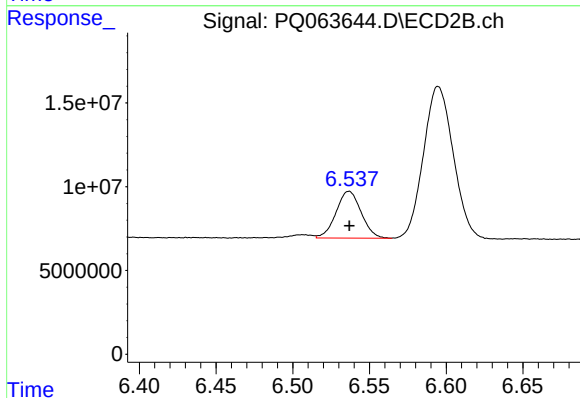
#40 AR-1262-5

R.T.: 7.094 min
Delta R.T.: 0.000 min
Response: 40307586
Conc: 216.59 ng/ml



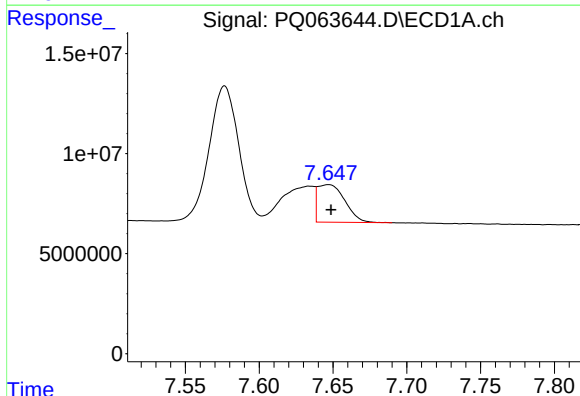
#41 AR-1268-1

R.T.: 7.577 min
Delta R.T.: 0.007 min
Response: 94334458
Conc: 149.75 ng/ml



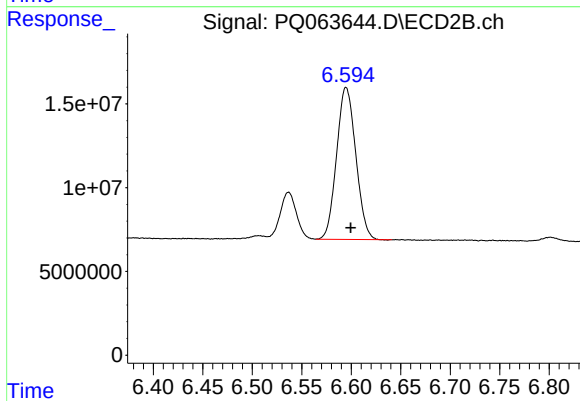
#41 AR-1268-1

R.T.: 6.537 min
Delta R.T.: 0.000 min
Response: 31811910
Conc: 52.73 ng/ml



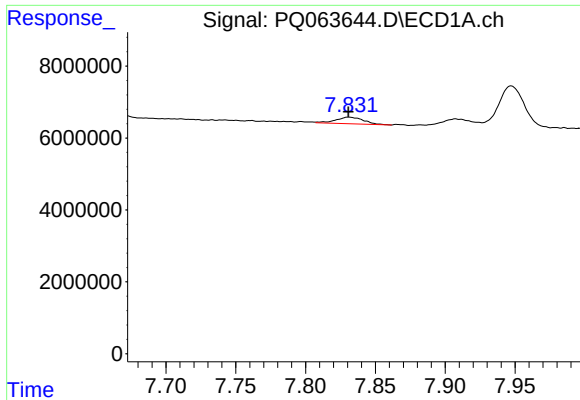
#42 AR-1268-2

R.T.: 7.647 min
Delta R.T.: -0.002 min
Response: 23982840
Conc: 42.38 ng/ml



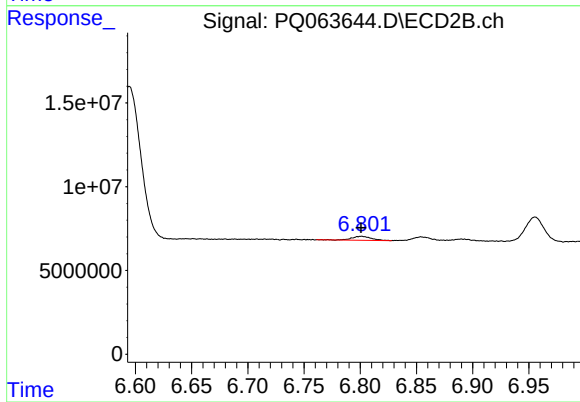
#42 AR-1268-2

R.T.: 6.595 min
Delta R.T.: -0.005 min
Response: 122558466
Conc: 225.89 ng/ml



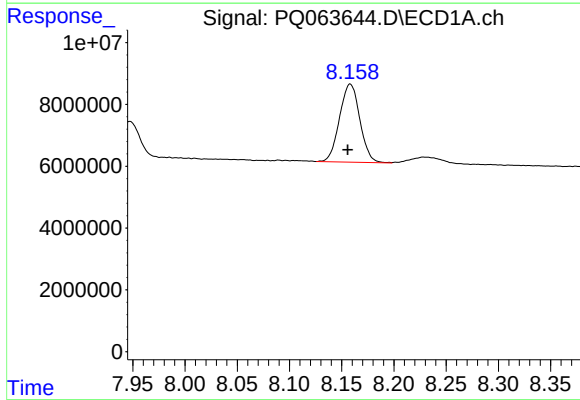
#43 AR-1268-3

R.T.: 7.831 min
Delta R.T.: 0.000 min
Response: 2540046
Conc: 5.19 ng/ml



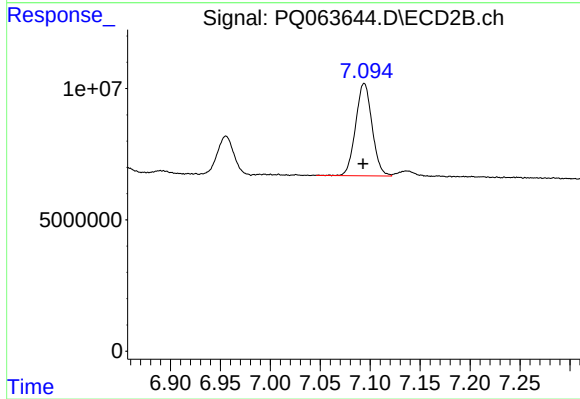
#43 AR-1268-3

R.T.: 6.801 min
Delta R.T.: 0.000 min
Response: 2905264
Conc: 6.17 ng/ml



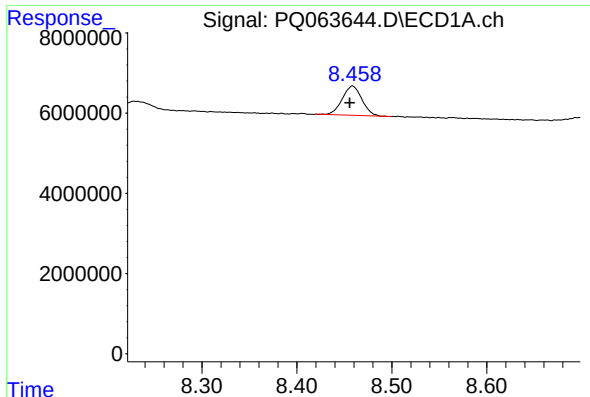
#44 AR-1268-4

R.T.: 8.158 min
Delta R.T.: 0.003 min
Response: 34198600
Conc: 168.75 ng/ml



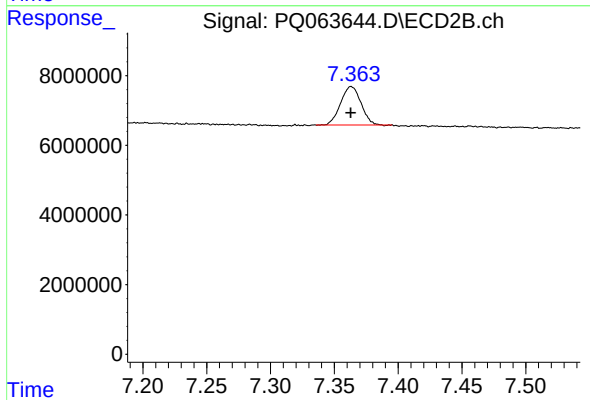
#44 AR-1268-4

R.T.: 7.094 min
Delta R.T.: 0.001 min
Response: 40307586
Conc: 197.84 ng/ml



#45 AR-1268-5

R.T.: 8.459 min
Delta R.T.: 0.003 min
Response: 10452855
Conc: 7.28 ng/ml



#45 AR-1268-5

R.T.: 7.363 min
Delta R.T.: 0.000 min
Response: 12254901
Conc: 8.58 ng/ml