

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ112921\
 Data File : PQ055183.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 30 Nov 2021 01:00
 Operator : AJ\MA
 Sample : AR1660CCC500
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 30 06:33:03 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ112921.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Nov 30 02:09:05 2021
 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...	5.247	4.321	908.6E6	549.9E6	51.680	53.473
2)	SA Decachlor...	11.441	9.731	827.6E6	460.8E6	52.467	51.463
Target Compounds							
3)	L1 AR-1016-1	6.570	5.594	296.7E6	187.0E6	503.264	521.566
4)	L1 AR-1016-2	6.594	5.616	458.8E6	270.0E6	510.355	524.389
5)	L1 AR-1016-3	6.661	5.810	285.3E6	140.3E6	508.004	523.930
6)	L1 AR-1016-4	6.769	5.860	243.0E6	112.2E6	508.855	517.272
7)	L1 AR-1016-5	7.084	6.091	225.8E6	112.5E6	518.026	410.823
8)	L2 AR-1221-1	5.490	4.580	38047579	15907425	182.517	147.482
9)	L2 AR-1221-2	5.595	4.683	59906117	24250229	342.358	312.928
10)	L2 AR-1221-3	5.682	4.773	169.3E6	98662714	376.407	383.115
11)	L3 AR-1232-1	5.682	4.773	169.3E6	98662714	445.857	453.964
12)	L3 AR-1232-2	6.274	5.616	225.2E6	270.0E6	1128.050	1281.417
13)	L3 AR-1232-3	6.594	5.810	458.8E6	140.3E6	1204.501	1278.394
14)	L3 AR-1232-4	6.769	5.906	243.0E6	130.9E6	1186.584	1348.933
15)	L3 AR-1232-5	6.865	6.091	190.3E6	112.5E6	1368.971	1091.181
16)	L4 AR-1242-1	6.570	5.594	296.7E6	187.0E6	678.639	701.880
17)	L4 AR-1242-2	6.594	5.616	458.8E6	270.0E6	683.264	697.001
18)	L4 AR-1242-3	6.661	5.810	285.3E6	140.3E6	674.427	695.771
19)	L4 AR-1242-4	6.769	5.906	243.0E6	130.9E6	681.713	668.878
20)	L4 AR-1242-5	7.553	6.475	45530246	113.2E6	124.649	449.070 #
21)	L5 AR-1248-1	6.570	5.594	296.7E6	187.0E6	872.502	934.200
22)	L5 AR-1248-2	6.865	5.860	190.3E6	112.2E6	415.336	399.077
23)	L5 AR-1248-3	7.084	5.906	225.8E6	130.9E6	418.685	447.574
24)	L5 AR-1248-4	7.512	6.091	51795718	112.5E6	85.359	323.073 #
25)	L5 AR-1248-5	7.553	6.518	45530246	24966541	74.394	71.749
26)	L6 AR-1254-1	7.483	6.475	186.8E6	113.2E6	318.139	204.719 #
27)	L6 AR-1254-2	7.711	6.633	157.6E6	104.9E6	173.832	221.628 #
28)	L6 AR-1254-3	8.094	7.077f	110.5E6	244.2E6	108.542	311.047 #
29)	L6 AR-1254-4	8.389	7.297	99800675	29284860	132.648	61.375 #
30)	L6 AR-1254-5	8.820	7.729	543.1E6	345.8E6	668.999	517.001
31)	L7 AR-1260-1	8.262	7.197	376.3E6	265.7E6	535.283	530.143
32)	L7 AR-1260-2	8.527	7.393	440.8E6	312.3E6	531.230	516.452
33)	L7 AR-1260-3	8.895	7.551	338.4E6	294.7E6	532.352	515.945
34)	L7 AR-1260-4	9.137	8.037	399.7E6	244.8E6	524.260	516.691
35)	L7 AR-1260-5	9.484	8.283	787.1E6	603.9E6	510.668	522.939
36)	L8 AR-1262-1	8.895	7.729	338.4E6	345.8E6	392.280	1016.764 #
37)	L8 AR-1262-2	9.484	8.283	787.1E6	603.9E6	475.285	490.007
38)	L8 AR-1262-3	9.842f	8.573	526.6E6	131.9E6	654.268	285.476 #
39)	L8 AR-1262-4	9.898f	8.636	349.5E6	435.6E6	715.990	488.090 #
40)	L8 AR-1262-5	10.631	9.147	266.2E6	153.6E6	393.478	382.521
41)	L9 AR-1268-1	9.842f	8.573	526.6E6	131.9E6	264.922	93.256 #

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 ALS Vial : 5 Sample Multiplier: 1

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 Quant Time: Nov 30 06:33:03 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ112921.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Nov 30 02:09:05 2021
 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

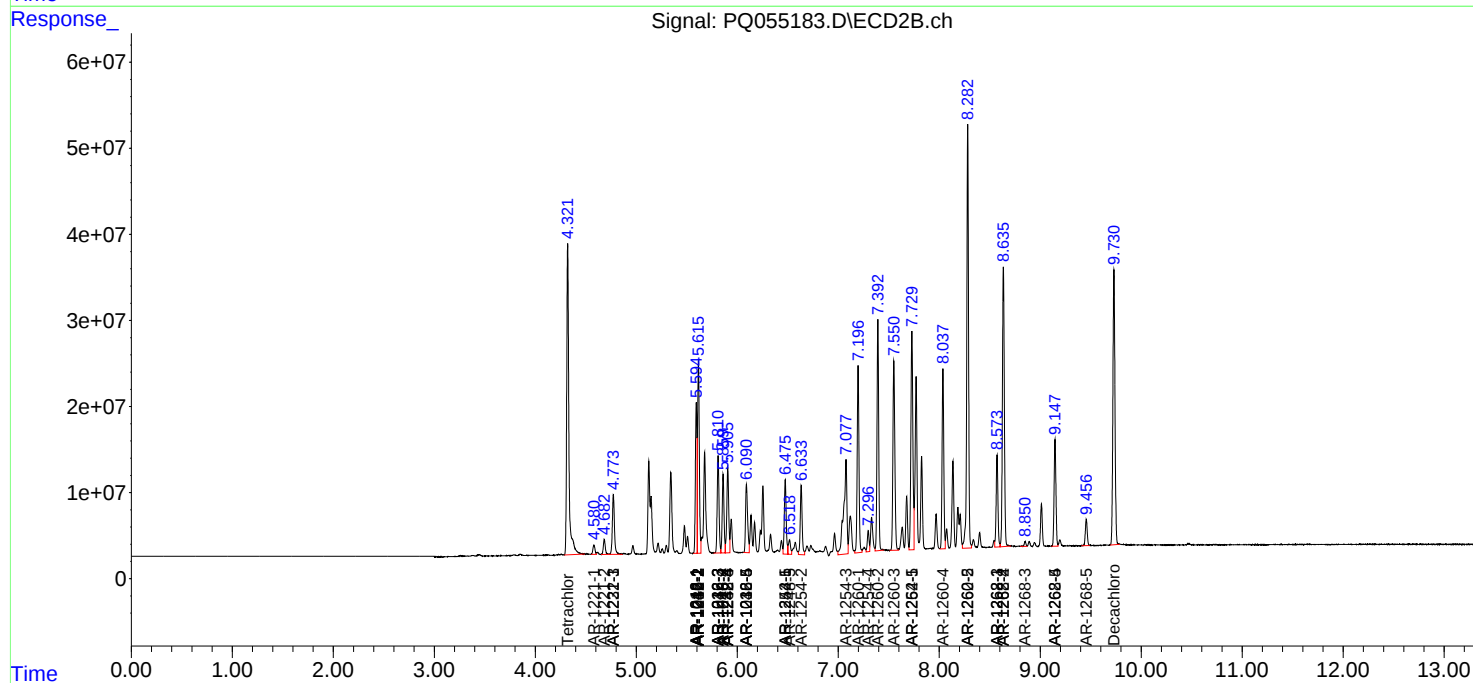
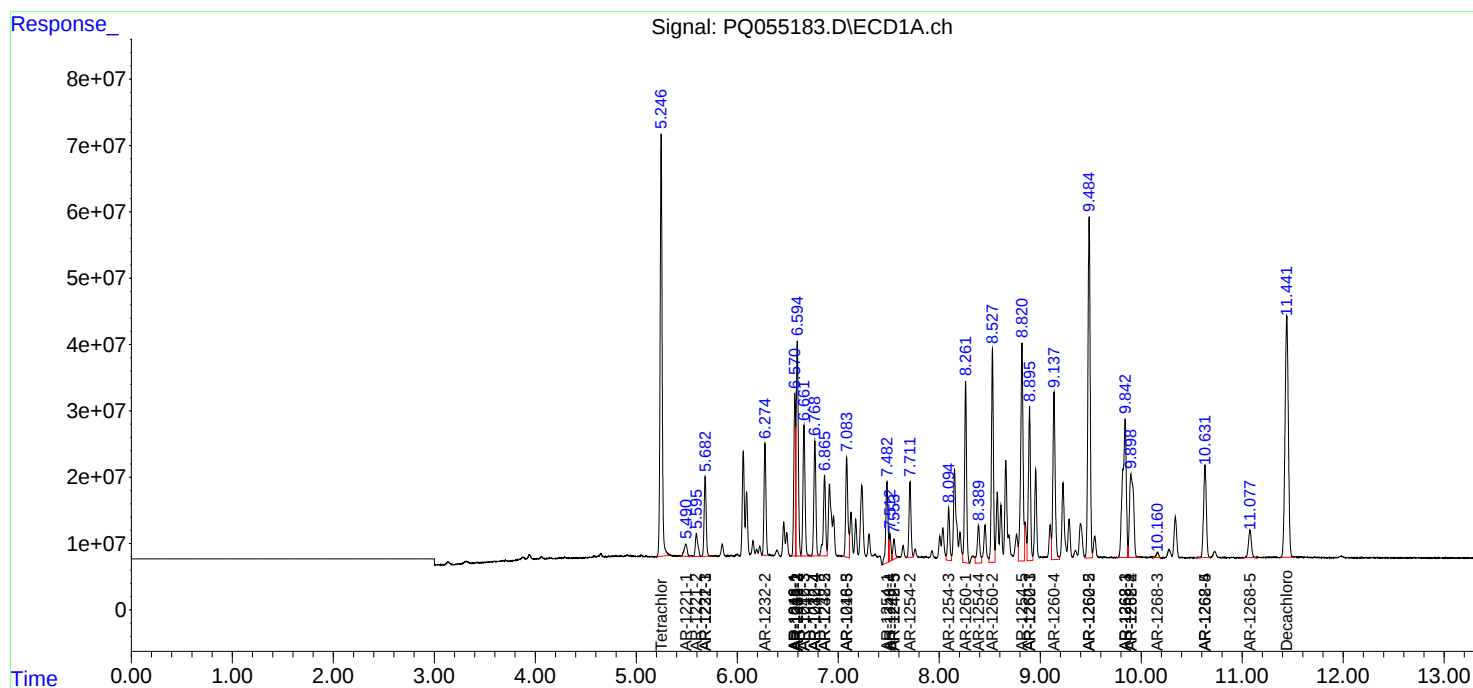
	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
42) L9	AR-1268-2	9.898f	8.636	349.5E6	435.6E6	178.627	334.325 #
43) L9	AR-1268-3	10.161	8.851	12990937	6882280	7.813	6.291
44) L9	AR-1268-4	10.631	9.147	266.2E6	153.6E6	351.093	340.028
45) L9	AR-1268-5	11.077	9.457	83962563	40772713	14.649	11.532

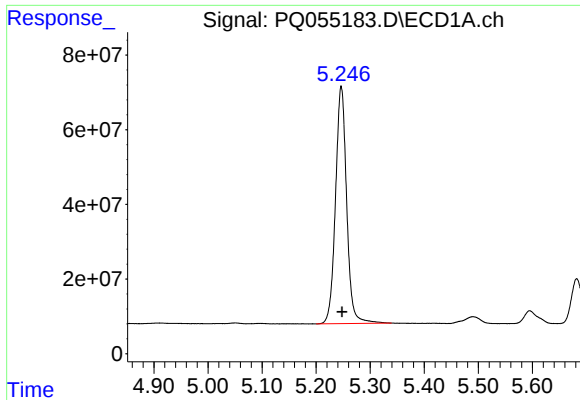
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

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Quant Time: Nov 30 06:33:03 2021
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Quant Title : GC EXTRACTABLES
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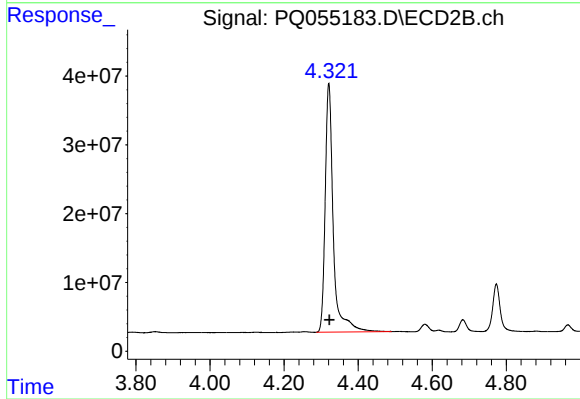
Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm





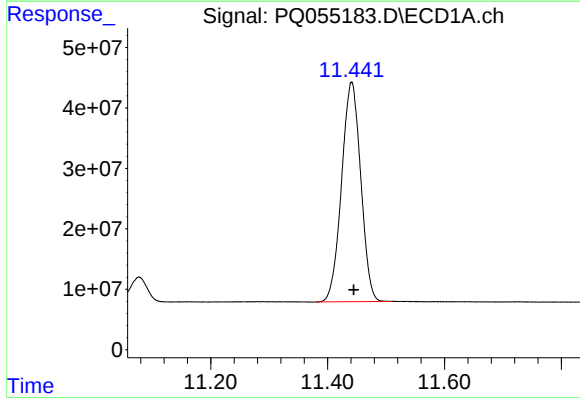
#1 Tetrachloro-m-xylene

R.T.: 5.247 min
Delta R.T.: -0.001 min
Response: 908639067
Conc: 51.68 ng/ml



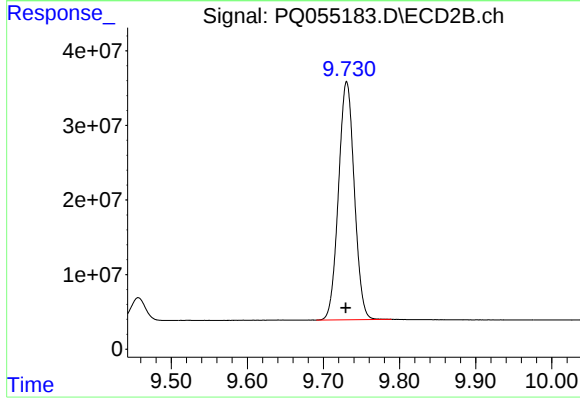
#1 Tetrachloro-m-xylene

R.T.: 4.321 min
Delta R.T.: -0.001 min
Response: 549875244
Conc: 53.47 ng/ml



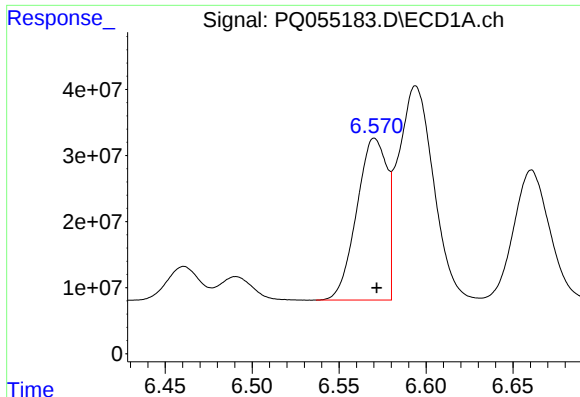
#2 Decachlorobiphenyl

R.T.: 11.441 min
Delta R.T.: -0.004 min
Response: 827554394
Conc: 52.47 ng/ml



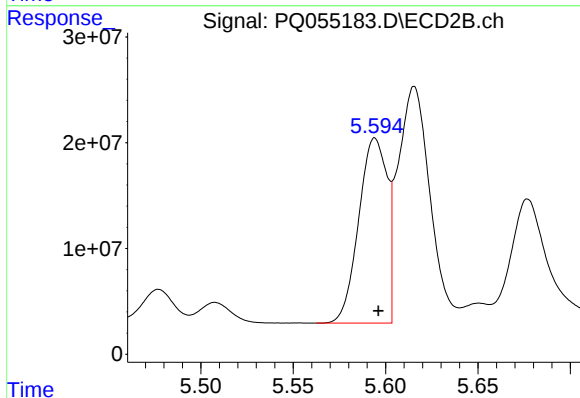
#2 Decachlorobiphenyl

R.T.: 9.731 min
Delta R.T.: 0.001 min
Response: 460809061
Conc: 51.46 ng/ml



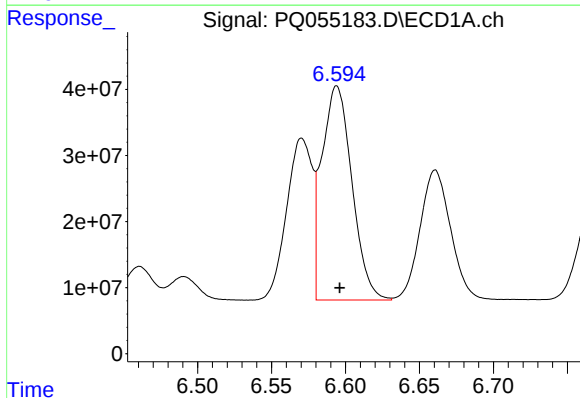
#3 AR-1016-1

R.T.: 6.570 min
Delta R.T.: -0.001 min
Response: 296735145
Conc: 503.26 ng/ml



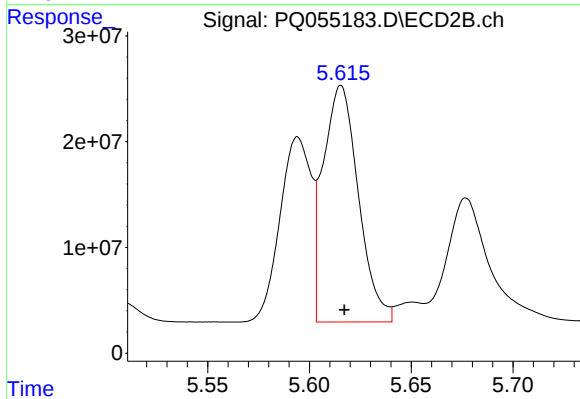
#3 AR-1016-1

R.T.: 5.594 min
Delta R.T.: -0.002 min
Response: 186981277
Conc: 521.57 ng/ml



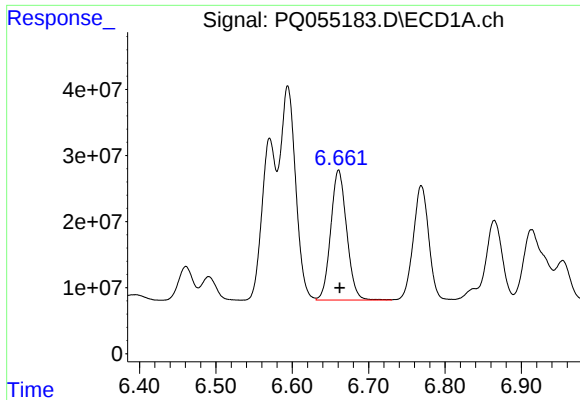
#4 AR-1016-2

R.T.: 6.594 min
Delta R.T.: -0.002 min
Response: 458770405
Conc: 510.35 ng/ml



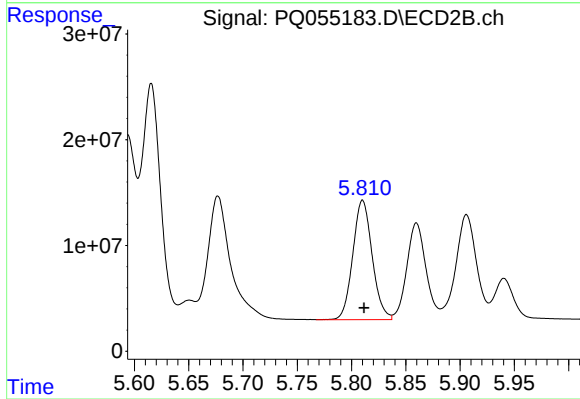
#4 AR-1016-2

R.T.: 5.616 min
Delta R.T.: -0.002 min
Response: 269967638
Conc: 524.39 ng/ml



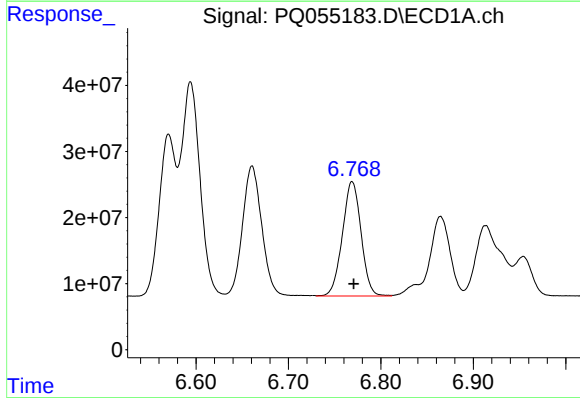
#5 AR-1016-3

R.T.: 6.661 min
Delta R.T.: -0.002 min
Response: 285261209
Conc: 508.00 ng/ml



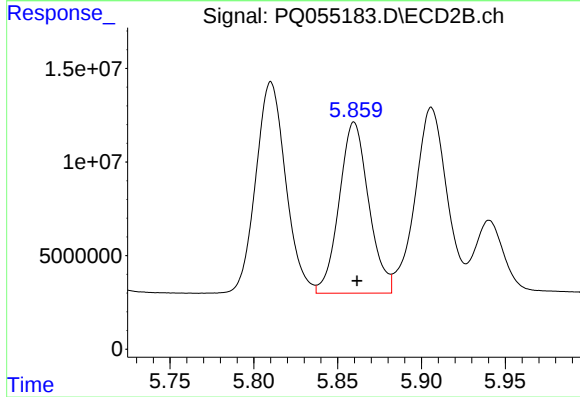
#5 AR-1016-3

R.T.: 5.810 min
Delta R.T.: -0.001 min
Response: 140306363
Conc: 523.93 ng/ml



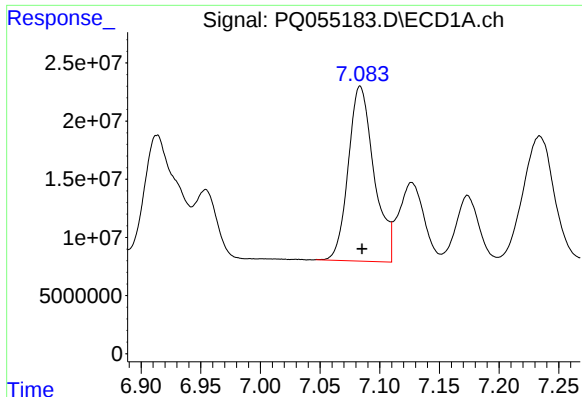
#6 AR-1016-4

R.T.: 6.769 min
Delta R.T.: -0.002 min
Response: 242977723
Conc: 508.85 ng/ml



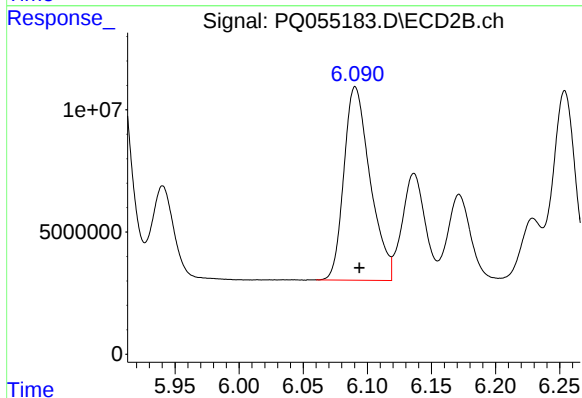
#6 AR-1016-4

R.T.: 5.860 min
Delta R.T.: -0.002 min
Response: 112207915
Conc: 517.27 ng/ml



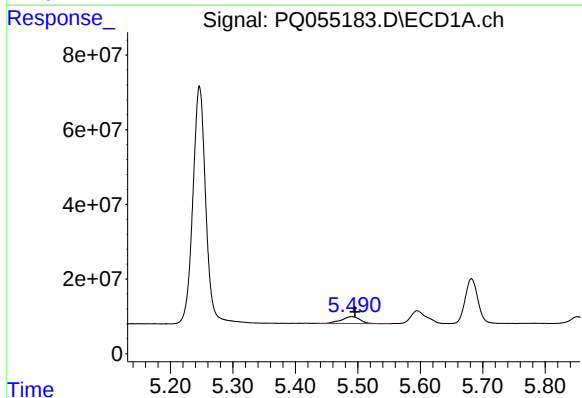
#7 AR-1016-5

R.T.: 7.084 min
Delta R.T.: -0.002 min
Response: 225797766
Conc: 518.03 ng/ml



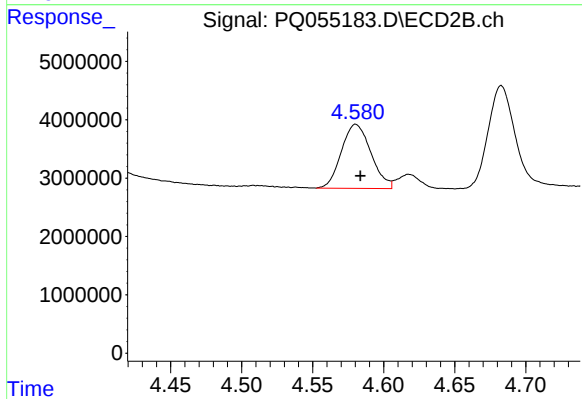
#7 AR-1016-5

R.T.: 6.091 min
Delta R.T.: -0.003 min
Response: 112463047
Conc: 410.82 ng/ml



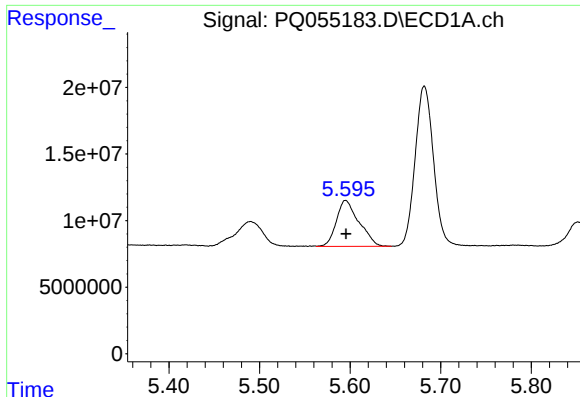
#8 AR-1221-1

R.T.: 5.490 min
Delta R.T.: -0.006 min
Response: 38047579
Conc: 182.52 ng/ml



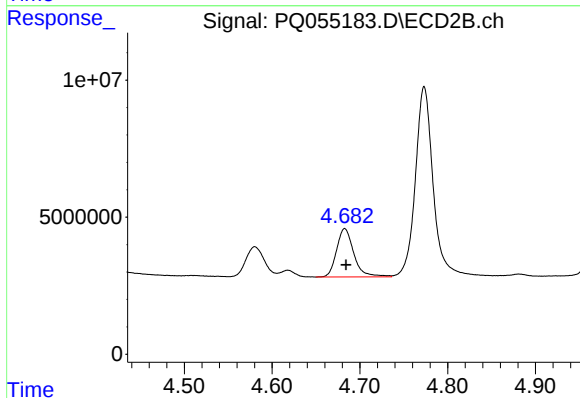
#8 AR-1221-1

R.T.: 4.580 min
Delta R.T.: -0.003 min
Response: 15907425
Conc: 147.48 ng/ml



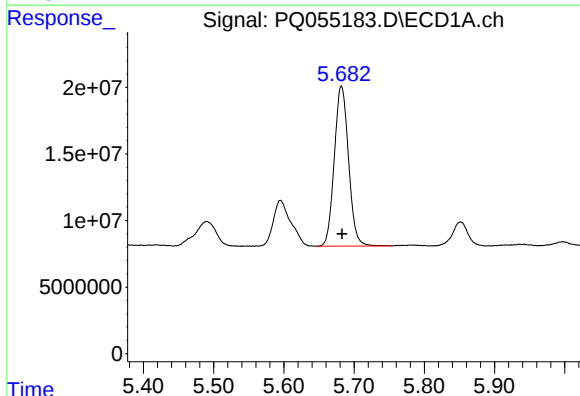
#9 AR-1221-2

R.T.: 5.595 min
Delta R.T.: 0.000 min
Response: 59906117
Conc: 342.36 ng/ml



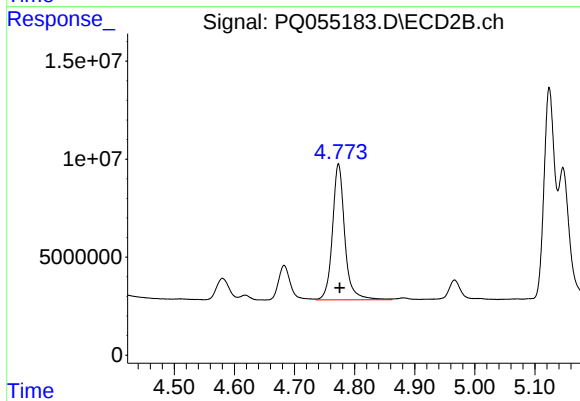
#9 AR-1221-2

R.T.: 4.683 min
Delta R.T.: -0.002 min
Response: 24250229
Conc: 312.93 ng/ml



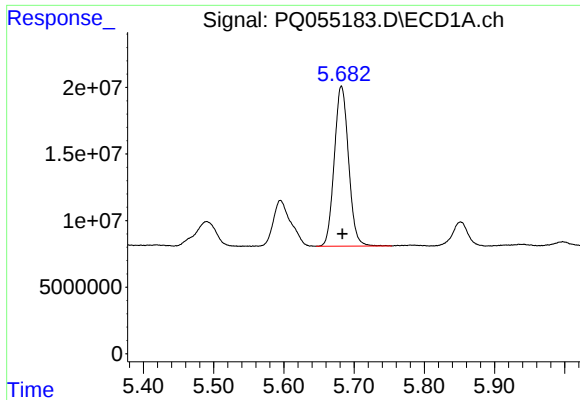
#10 AR-1221-3

R.T.: 5.682 min
Delta R.T.: 0.000 min
Response: 169282624
Conc: 376.41 ng/ml



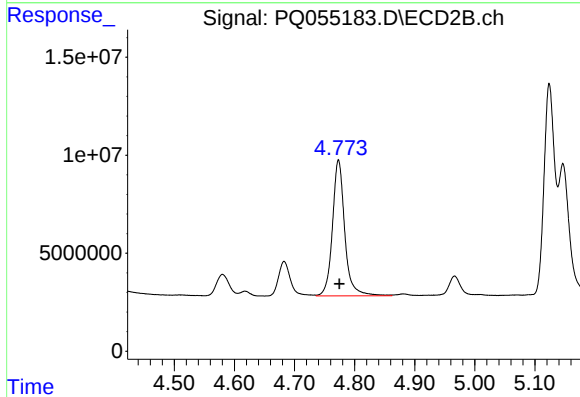
#10 AR-1221-3

R.T.: 4.773 min
Delta R.T.: -0.002 min
Response: 98662714
Conc: 383.12 ng/ml



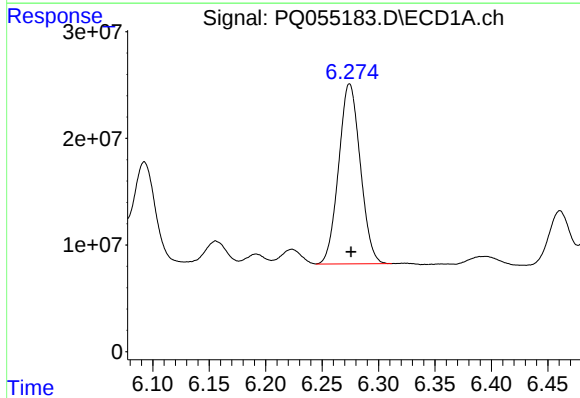
#11 AR-1232-1

R.T.: 5.682 min
Delta R.T.: -0.001 min
Response: 169282624
Conc: 445.86 ng/ml



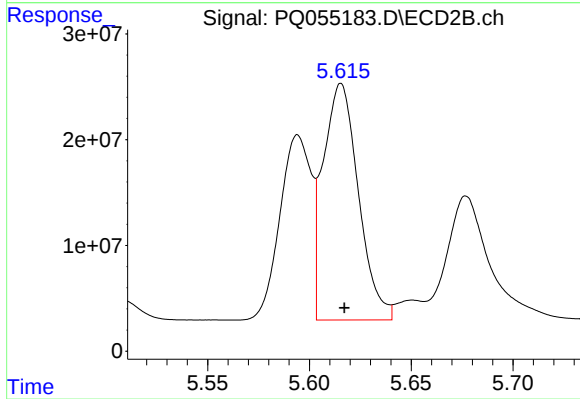
#11 AR-1232-1

R.T.: 4.773 min
Delta R.T.: -0.001 min
Response: 98662714
Conc: 453.96 ng/ml



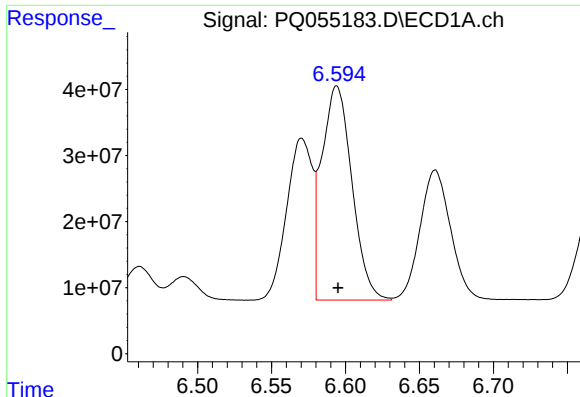
#12 AR-1232-2

R.T.: 6.274 min
Delta R.T.: -0.001 min
Response: 225243089
Conc: 1128.05 ng/ml



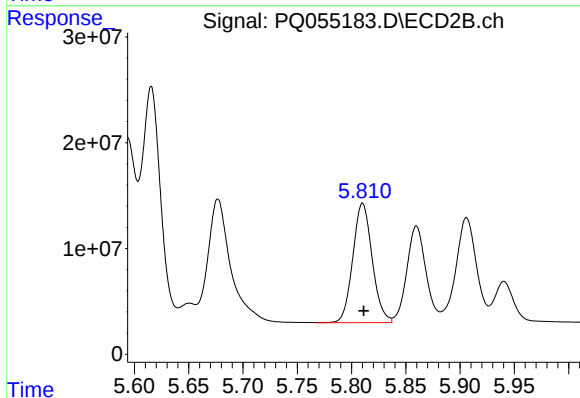
#12 AR-1232-2

R.T.: 5.616 min
Delta R.T.: -0.002 min
Response: 269967638
Conc: 1281.42 ng/ml



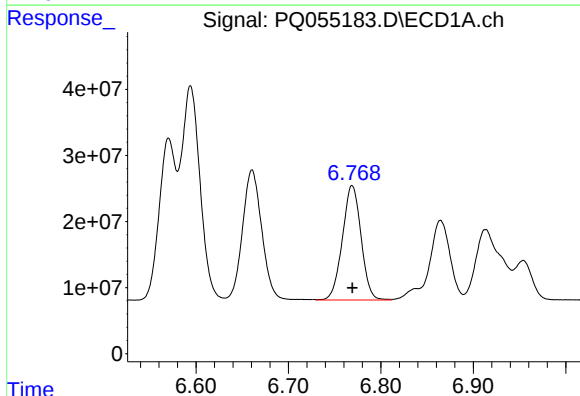
#13 AR-1232-3

R.T.: 6.594 min
Delta R.T.: 0.000 min
Response: 458770405
Conc: 1204.50 ng/ml



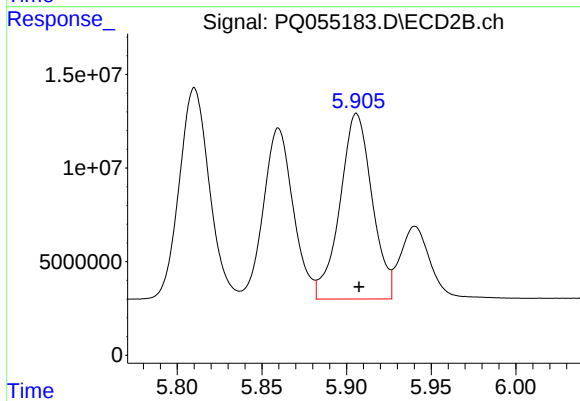
#13 AR-1232-3

R.T.: 5.810 min
Delta R.T.: -0.001 min
Response: 140306363
Conc: 1278.39 ng/ml



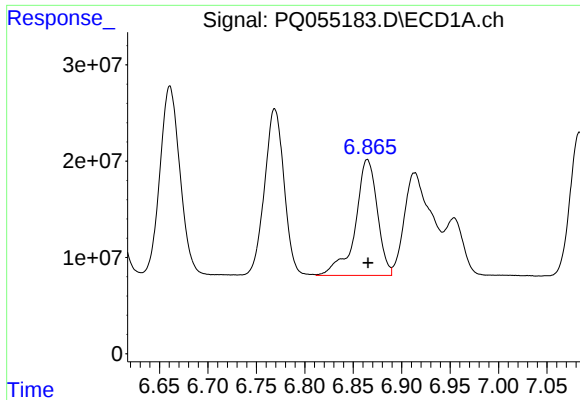
#14 AR-1232-4

R.T.: 6.769 min
Delta R.T.: 0.000 min
Response: 242977723
Conc: 1186.58 ng/ml



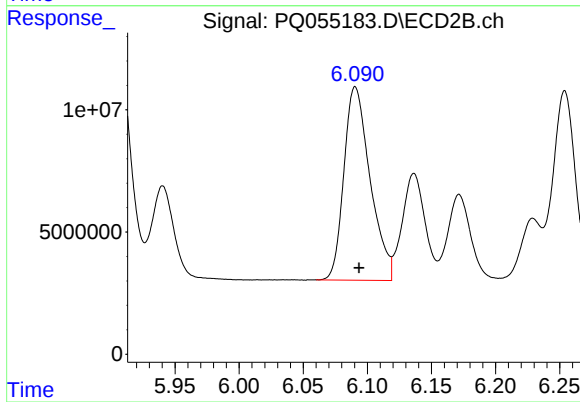
#14 AR-1232-4

R.T.: 5.906 min
Delta R.T.: -0.002 min
Response: 130945657
Conc: 1348.93 ng/ml



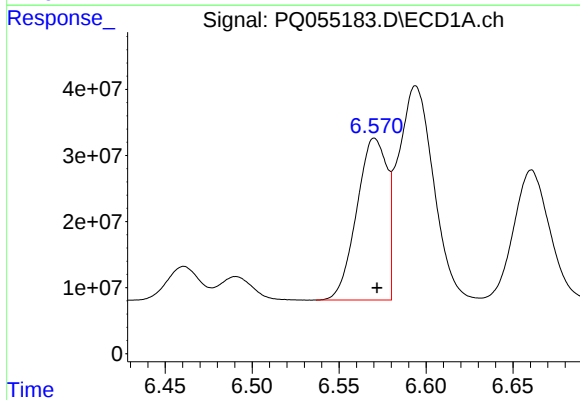
#15 AR-1232-5

R.T.: 6.865 min
Delta R.T.: 0.000 min
Response: 190349509
Conc: 1368.97 ng/ml



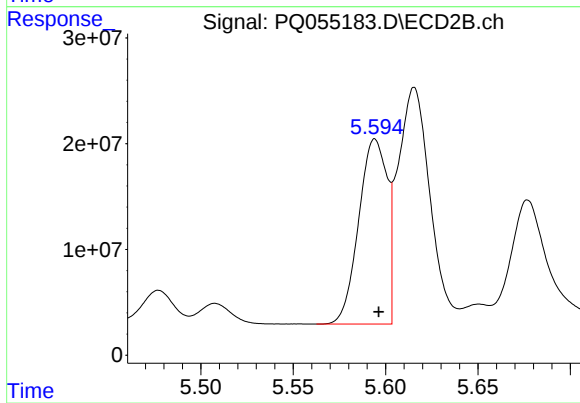
#15 AR-1232-5

R.T.: 6.091 min
Delta R.T.: -0.003 min
Response: 112463047
Conc: 1091.18 ng/ml



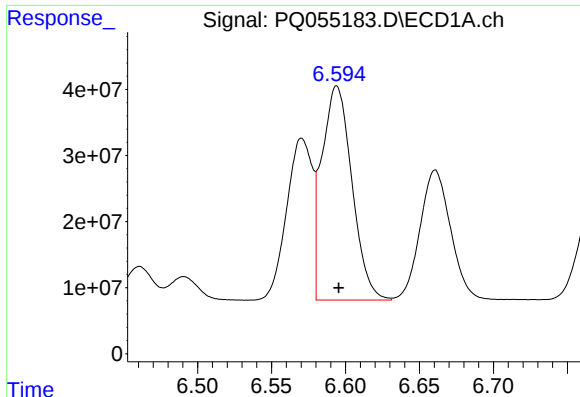
#16 AR-1242-1

R.T.: 6.570 min
Delta R.T.: -0.001 min
Response: 296735145
Conc: 678.64 ng/ml



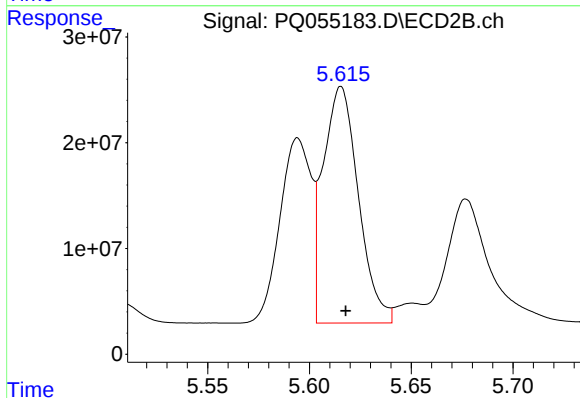
#16 AR-1242-1

R.T.: 5.594 min
Delta R.T.: -0.002 min
Response: 186981277
Conc: 701.88 ng/ml



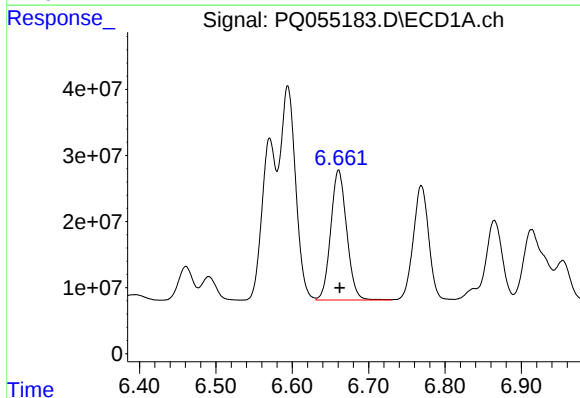
#17 AR-1242-2

R.T.: 6.594 min
Delta R.T.: -0.001 min
Response: 458770405
Conc: 683.26 ng/ml



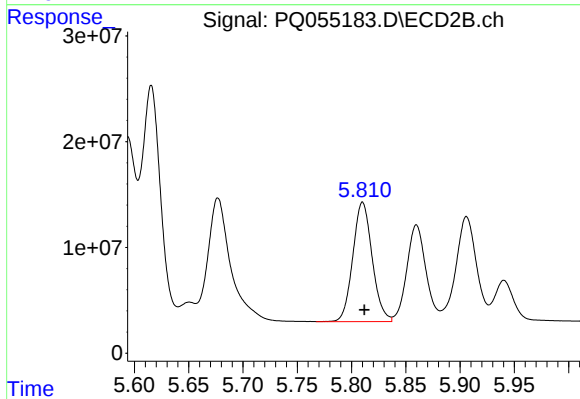
#17 AR-1242-2

R.T.: 5.616 min
Delta R.T.: -0.002 min
Response: 269967638
Conc: 697.00 ng/ml



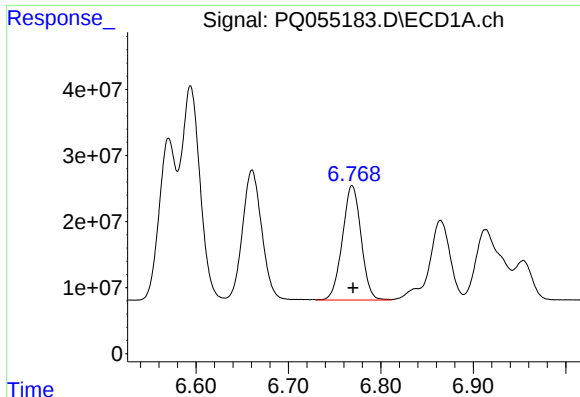
#18 AR-1242-3

R.T.: 6.661 min
Delta R.T.: -0.001 min
Response: 285261209
Conc: 674.43 ng/ml



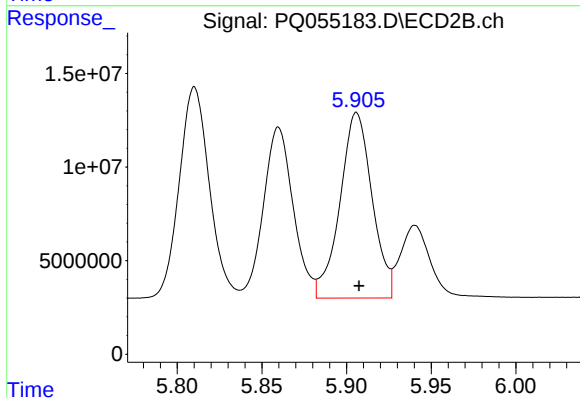
#18 AR-1242-3

R.T.: 5.810 min
Delta R.T.: -0.002 min
Response: 140306363
Conc: 695.77 ng/ml



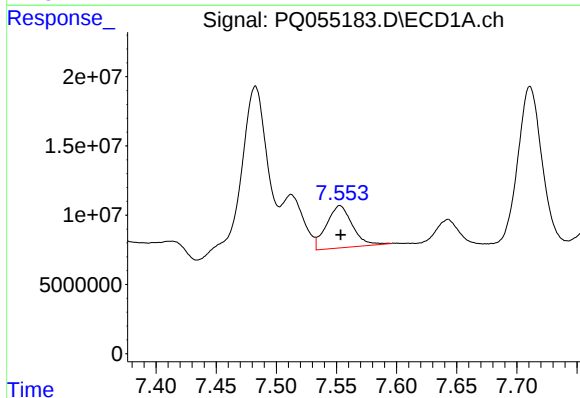
#19 AR-1242-4

R.T.: 6.769 min
Delta R.T.: -0.001 min
Response: 242977723
Conc: 681.71 ng/ml



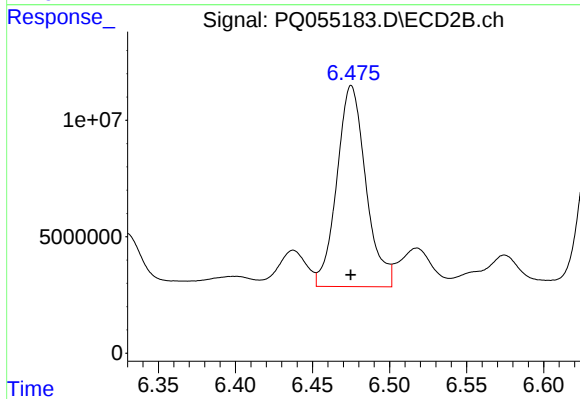
#19 AR-1242-4

R.T.: 5.906 min
Delta R.T.: -0.002 min
Response: 130945657
Conc: 668.88 ng/ml



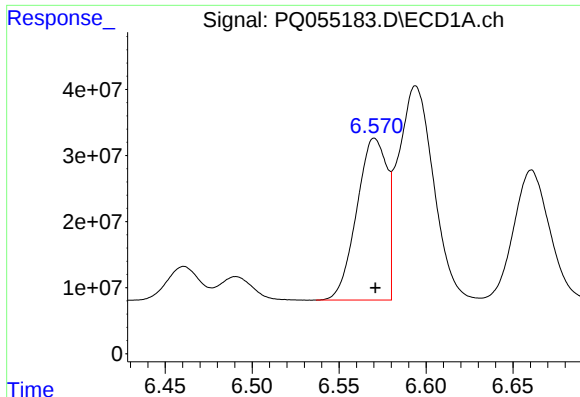
#20 AR-1242-5

R.T.: 7.553 min
Delta R.T.: 0.000 min
Response: 45530246
Conc: 124.65 ng/ml



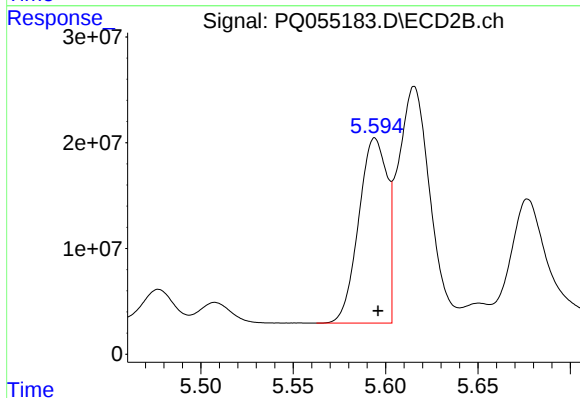
#20 AR-1242-5

R.T.: 6.475 min
Delta R.T.: 0.000 min
Response: 113233145
Conc: 449.07 ng/ml



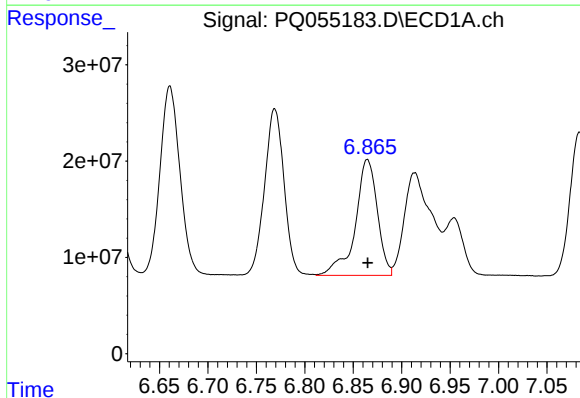
#21 AR-1248-1

R.T.: 6.570 min
Delta R.T.: 0.000 min
Response: 296735145
Conc: 872.50 ng/ml



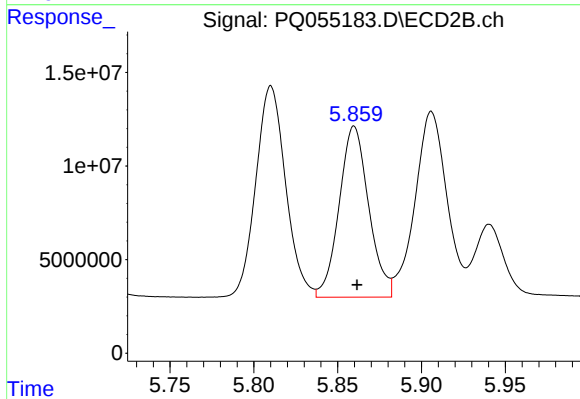
#21 AR-1248-1

R.T.: 5.594 min
Delta R.T.: -0.002 min
Response: 186981277
Conc: 934.20 ng/ml



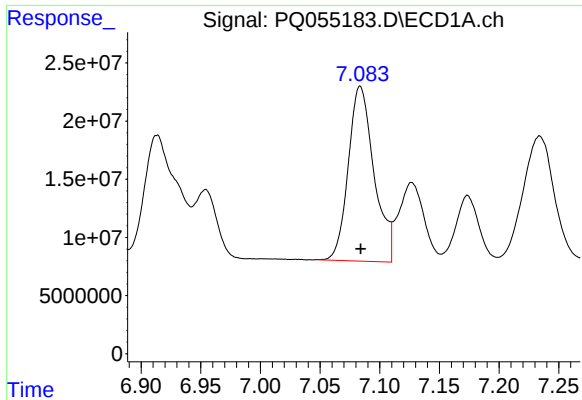
#22 AR-1248-2

R.T.: 6.865 min
Delta R.T.: 0.000 min
Response: 190349509
Conc: 415.34 ng/ml



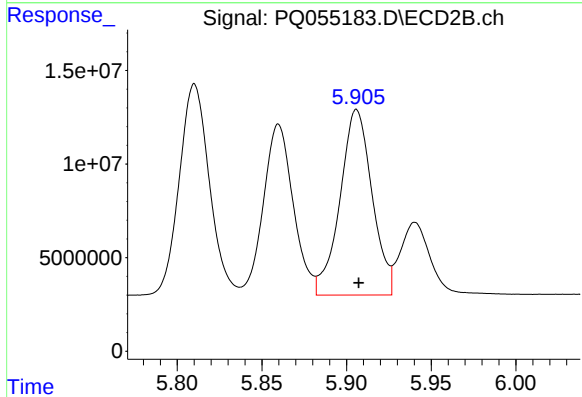
#22 AR-1248-2

R.T.: 5.860 min
Delta R.T.: -0.002 min
Response: 112207915
Conc: 399.08 ng/ml



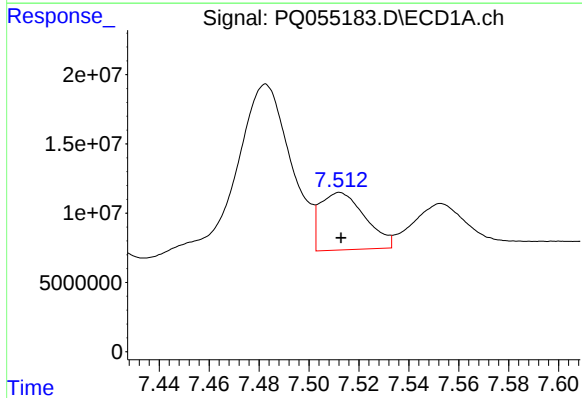
#23 AR-1248-3

R.T.: 7.084 min
Delta R.T.: 0.000 min
Response: 225797766
Conc: 418.68 ng/ml



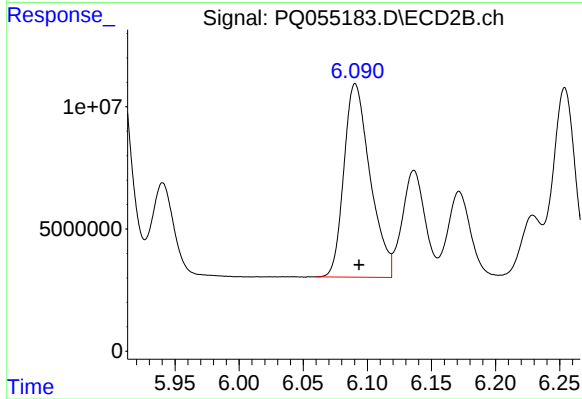
#23 AR-1248-3

R.T.: 5.906 min
Delta R.T.: -0.001 min
Response: 130945657
Conc: 447.57 ng/ml



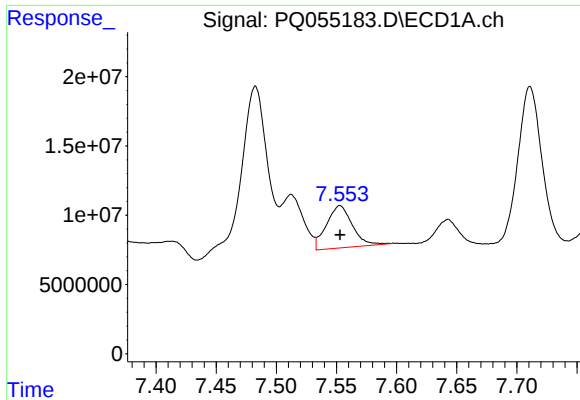
#24 AR-1248-4

R.T.: 7.512 min
Delta R.T.: 0.000 min
Response: 51795718
Conc: 85.36 ng/ml



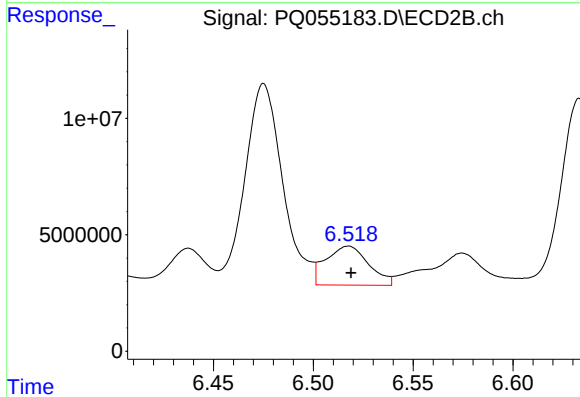
#24 AR-1248-4

R.T.: 6.091 min
Delta R.T.: -0.003 min
Response: 112463047
Conc: 323.07 ng/ml



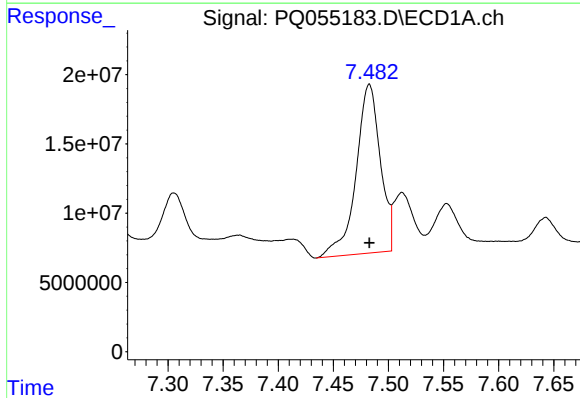
#25 AR-1248-5

R.T.: 7.553 min
Delta R.T.: 0.000 min
Response: 45530246
Conc: 74.39 ng/ml



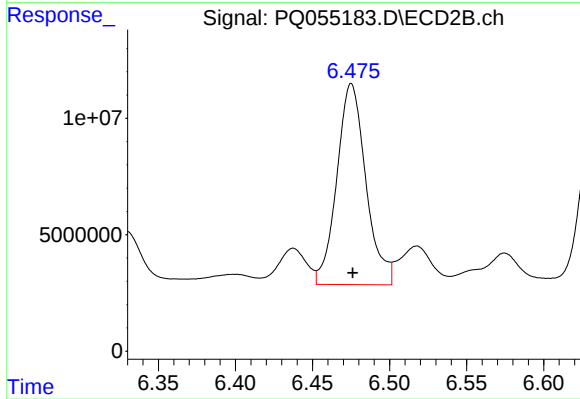
#25 AR-1248-5

R.T.: 6.518 min
Delta R.T.: -0.001 min
Response: 24966541
Conc: 71.75 ng/ml



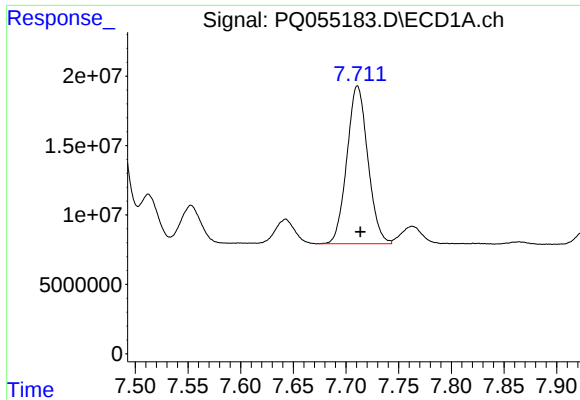
#26 AR-1254-1

R.T.: 7.483 min
Delta R.T.: 0.000 min
Response: 186762867
Conc: 318.14 ng/ml



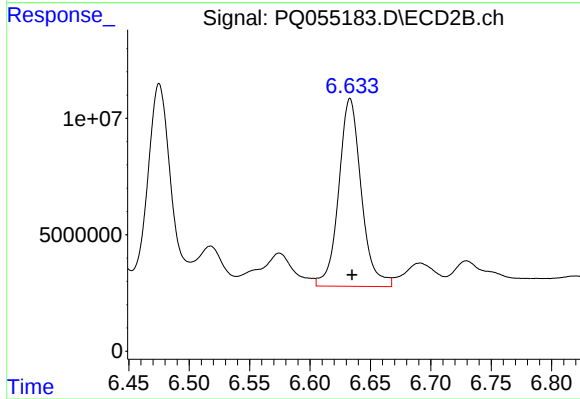
#26 AR-1254-1

R.T.: 6.475 min
Delta R.T.: 0.000 min
Response: 113233145
Conc: 204.72 ng/ml



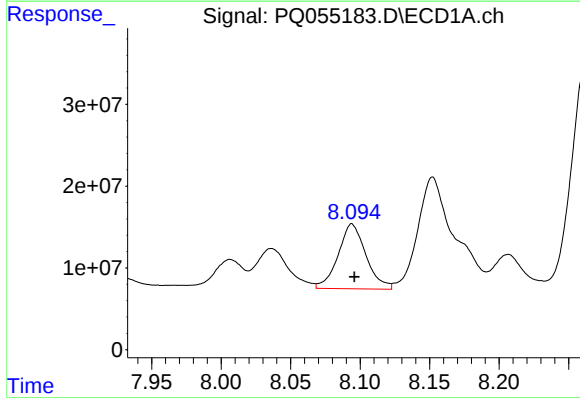
#27 AR-1254-2

R.T.: 7.711 min
Delta R.T.: -0.003 min
Response: 157552064
Conc: 173.83 ng/ml



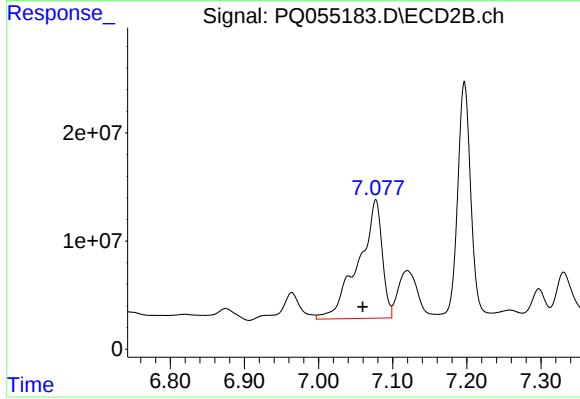
#27 AR-1254-2

R.T.: 6.633 min
Delta R.T.: -0.001 min
Response: 104880026
Conc: 221.63 ng/ml



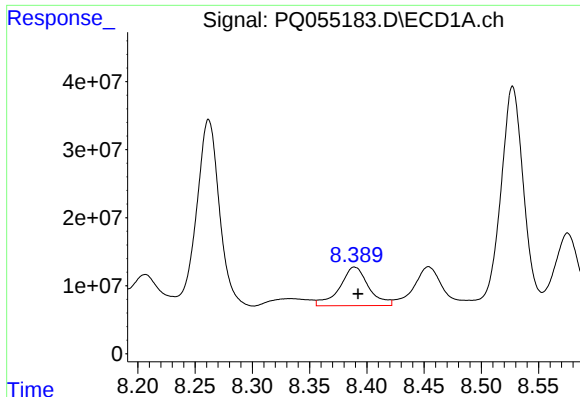
#28 AR-1254-3

R.T.: 8.094 min
Delta R.T.: -0.002 min
Response: 110481380
Conc: 108.54 ng/ml



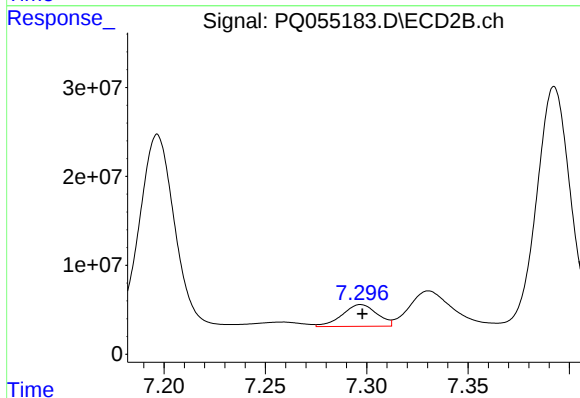
#28 AR-1254-3

R.T.: 7.077 min
Delta R.T.: 0.018 min
Response: 244204125
Conc: 311.05 ng/ml



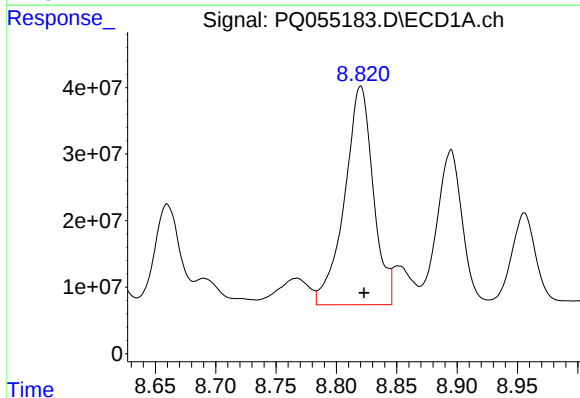
#29 AR-1254-4

R.T.: 8.389 min
Delta R.T.: -0.003 min
Response: 99800675
Conc: 132.65 ng/ml



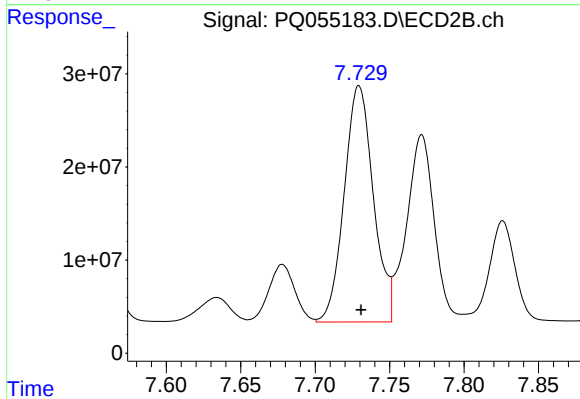
#29 AR-1254-4

R.T.: 7.297 min
Delta R.T.: 0.000 min
Response: 29284860
Conc: 61.37 ng/ml



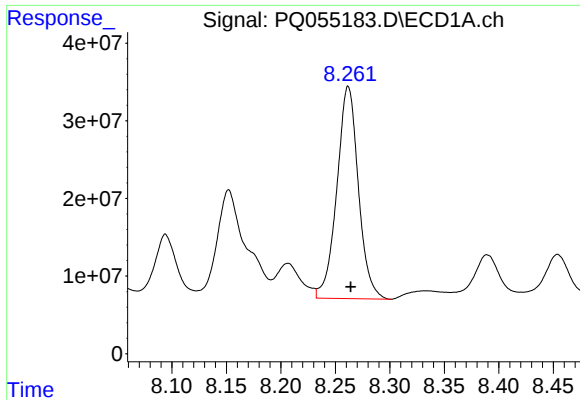
#30 AR-1254-5

R.T.: 8.820 min
Delta R.T.: -0.003 min
Response: 543116781
Conc: 669.00 ng/ml



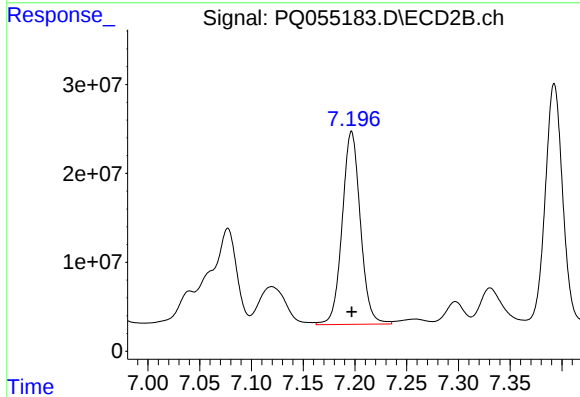
#30 AR-1254-5

R.T.: 7.729 min
Delta R.T.: -0.001 min
Response: 345820003
Conc: 517.00 ng/ml



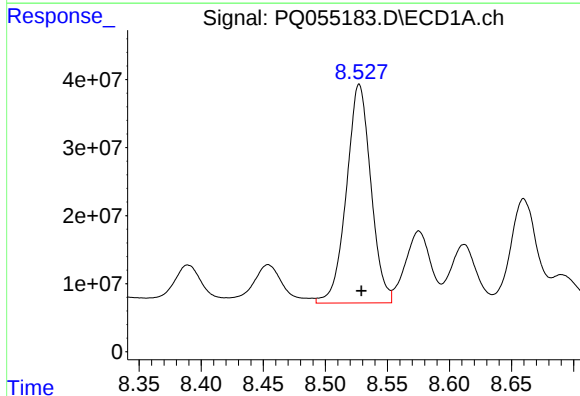
#31 AR-1260-1

R.T.: 8.262 min
Delta R.T.: -0.002 min
Response: 376296876
Conc: 535.28 ng/ml



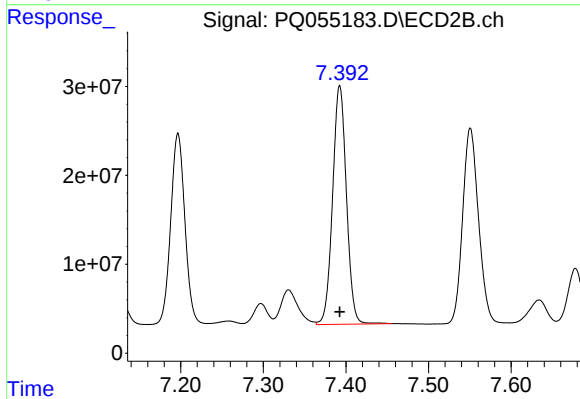
#31 AR-1260-1

R.T.: 7.197 min
Delta R.T.: 0.000 min
Response: 265731772
Conc: 530.14 ng/ml



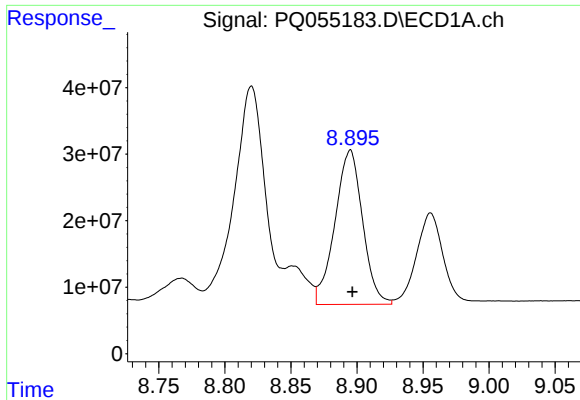
#32 AR-1260-2

R.T.: 8.527 min
Delta R.T.: -0.002 min
Response: 440844922
Conc: 531.23 ng/ml



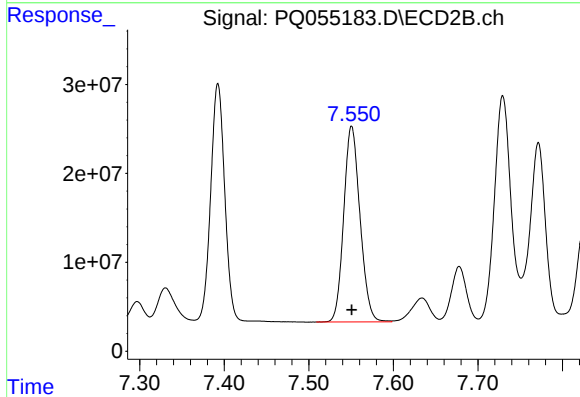
#32 AR-1260-2

R.T.: 7.393 min
Delta R.T.: 0.000 min
Response: 312296430
Conc: 516.45 ng/ml



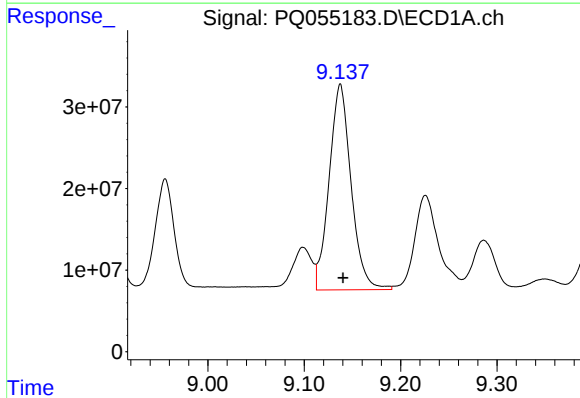
#33 AR-1260-3

R.T.: 8.895 min
Delta R.T.: -0.002 min
Response: 338363325
Conc: 532.35 ng/ml



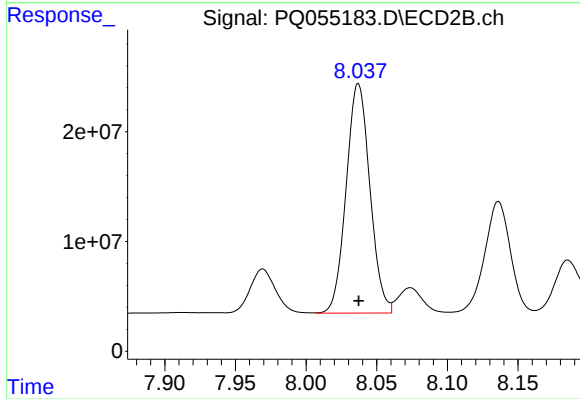
#33 AR-1260-3

R.T.: 7.551 min
Delta R.T.: 0.000 min
Response: 294677397
Conc: 515.94 ng/ml



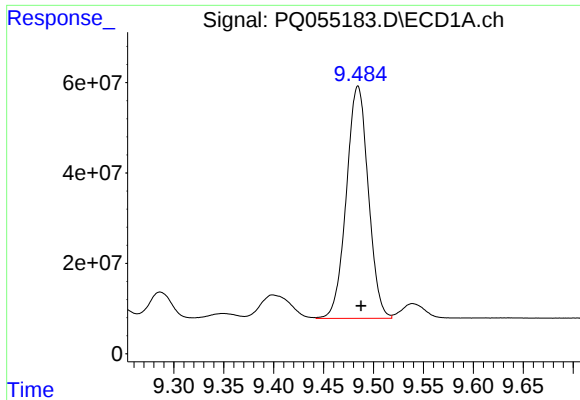
#34 AR-1260-4

R.T.: 9.137 min
Delta R.T.: -0.003 min
Response: 399707444
Conc: 524.26 ng/ml



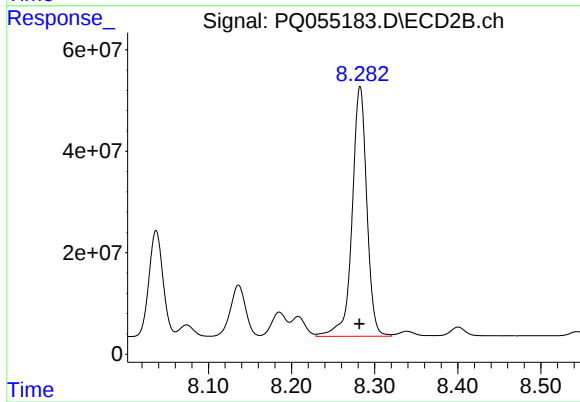
#34 AR-1260-4

R.T.: 8.037 min
Delta R.T.: 0.000 min
Response: 244825288
Conc: 516.69 ng/ml



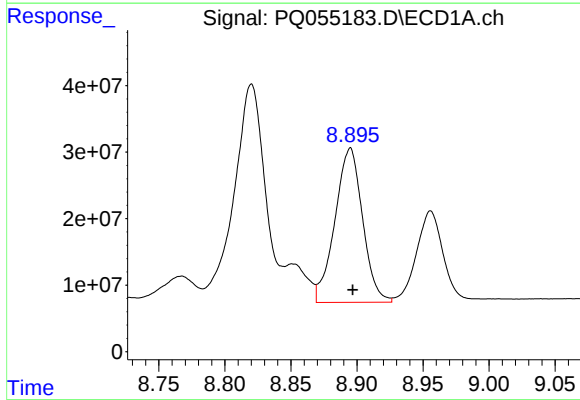
#35 AR-1260-5

R.T.: 9.484 min
Delta R.T.: -0.003 min
Response: 787108574
Conc: 510.67 ng/ml



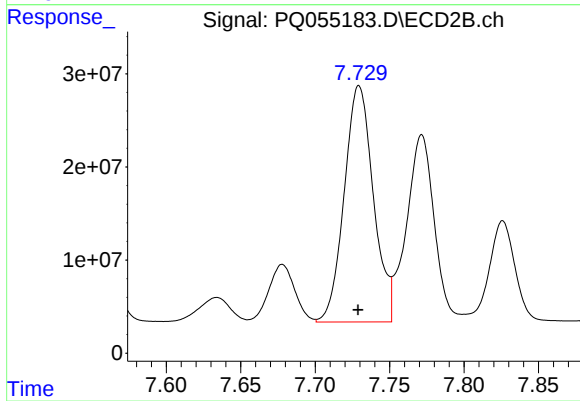
#35 AR-1260-5

R.T.: 8.283 min
Delta R.T.: 0.000 min
Response: 603904805
Conc: 522.94 ng/ml



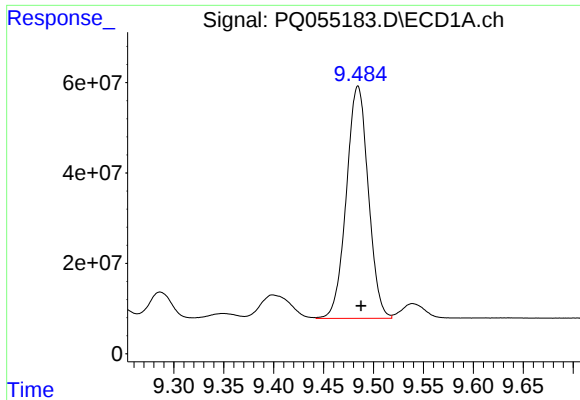
#36 AR-1262-1

R.T.: 8.895 min
Delta R.T.: -0.002 min
Response: 338363325
Conc: 392.28 ng/ml



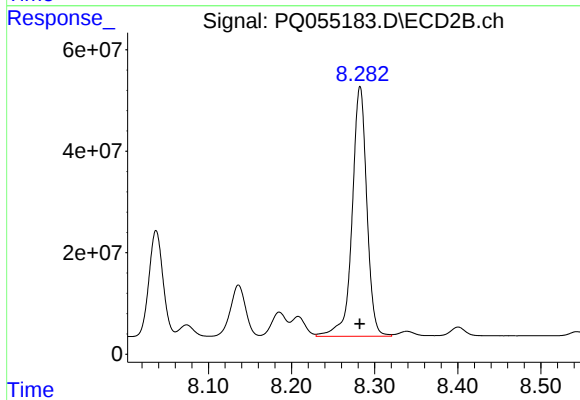
#36 AR-1262-1

R.T.: 7.729 min
Delta R.T.: 0.000 min
Response: 345820003
Conc: 1016.76 ng/ml



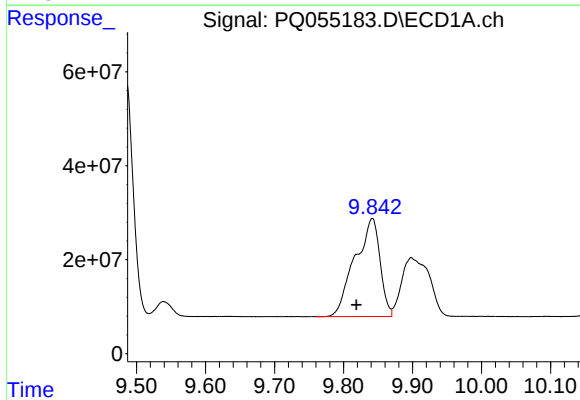
#37 AR-1262-2

R.T.: 9.484 min
Delta R.T.: -0.003 min
Response: 787108574
Conc: 475.28 ng/ml



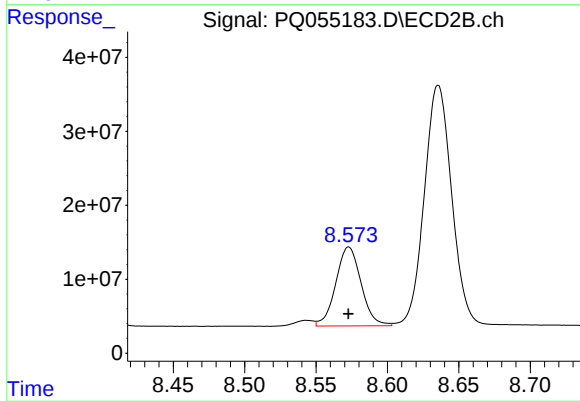
#37 AR-1262-2

R.T.: 8.283 min
Delta R.T.: 0.000 min
Response: 603904805
Conc: 490.01 ng/ml



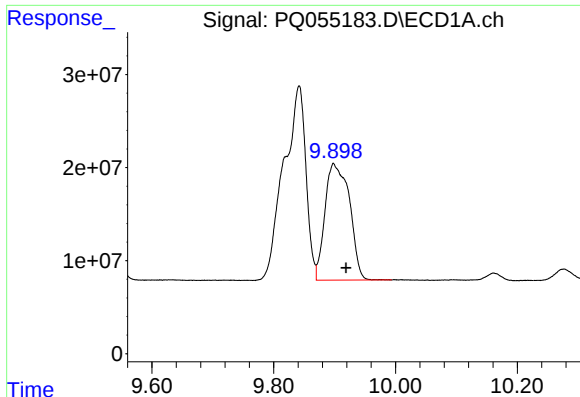
#38 AR-1262-3

R.T.: 9.842 min
Delta R.T.: 0.023 min
Response: 526552339
Conc: 654.27 ng/ml



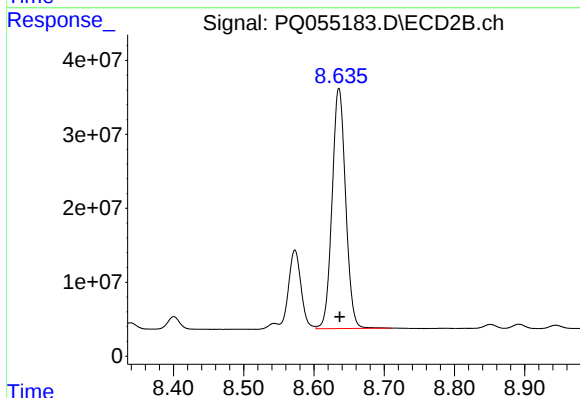
#38 AR-1262-3

R.T.: 8.573 min
Delta R.T.: 0.000 min
Response: 131949519
Conc: 285.48 ng/ml



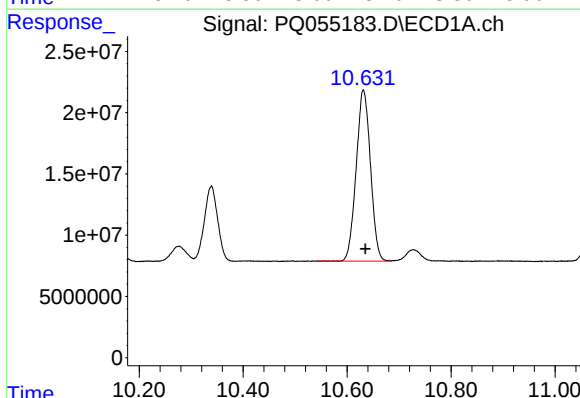
#39 AR-1262-4

R.T.: 9.898 min
Delta R.T.: -0.021 min
Response: 349548561
Conc: 715.99 ng/ml



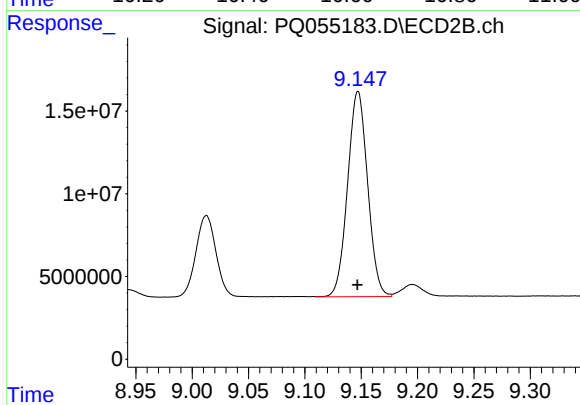
#39 AR-1262-4

R.T.: 8.636 min
Delta R.T.: -0.001 min
Response: 435642905
Conc: 488.09 ng/ml



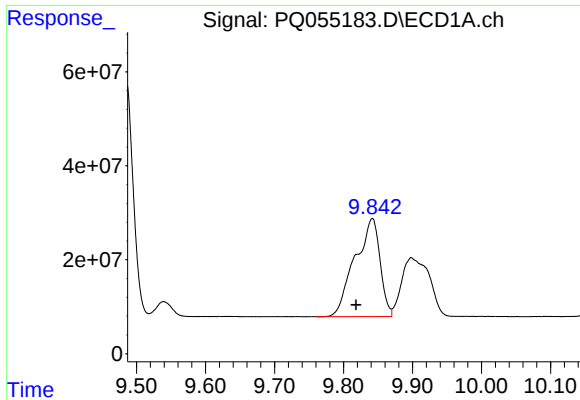
#40 AR-1262-5

R.T.: 10.631 min
Delta R.T.: -0.004 min
Response: 266155204
Conc: 393.48 ng/ml



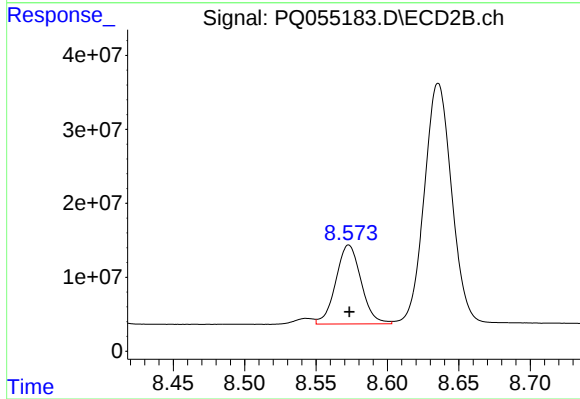
#40 AR-1262-5

R.T.: 9.147 min
Delta R.T.: 0.000 min
Response: 153612334
Conc: 382.52 ng/ml



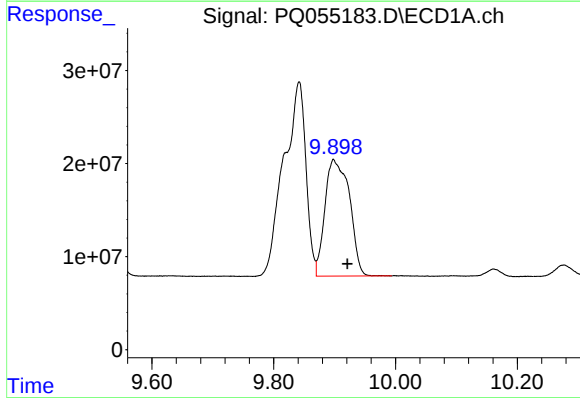
#41 AR-1268-1

R.T.: 9.842 min
Delta R.T.: 0.024 min
Response: 526552339
Conc: 264.92 ng/ml



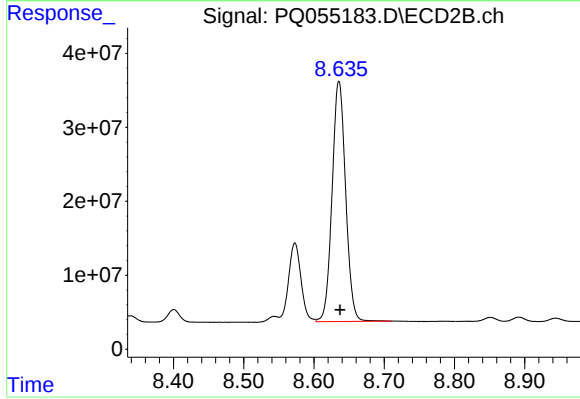
#41 AR-1268-1

R.T.: 8.573 min
Delta R.T.: 0.000 min
Response: 131949519
Conc: 93.26 ng/ml



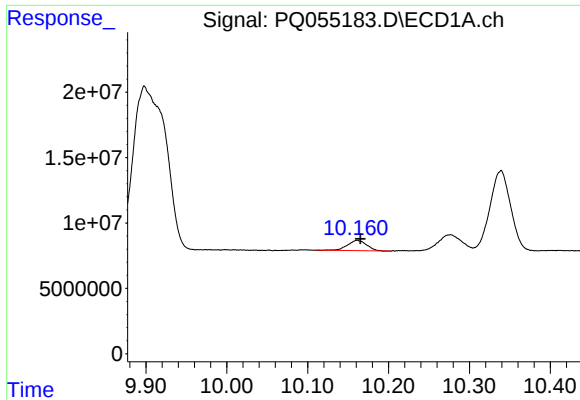
#42 AR-1268-2

R.T.: 9.898 min
Delta R.T.: -0.023 min
Response: 349548561
Conc: 178.63 ng/ml



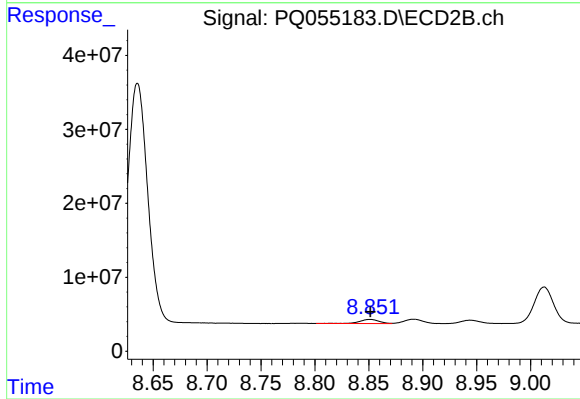
#42 AR-1268-2

R.T.: 8.636 min
Delta R.T.: -0.002 min
Response: 435642905
Conc: 334.33 ng/ml



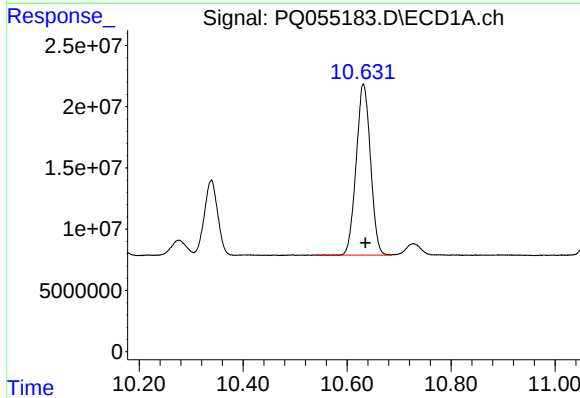
#43 AR-1268-3

R.T.: 10.161 min
Delta R.T.: -0.004 min
Response: 12990937
Conc: 7.81 ng/ml



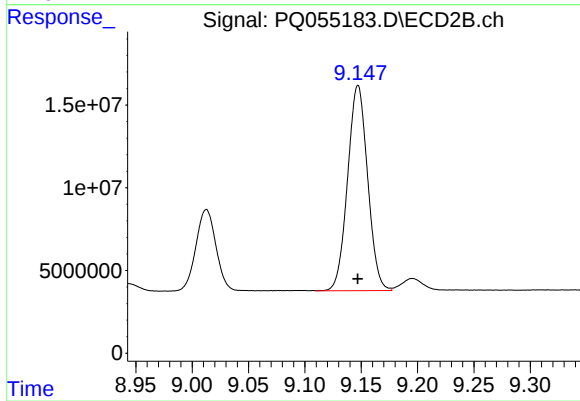
#43 AR-1268-3

R.T.: 8.851 min
Delta R.T.: 0.000 min
Response: 6882280
Conc: 6.29 ng/ml



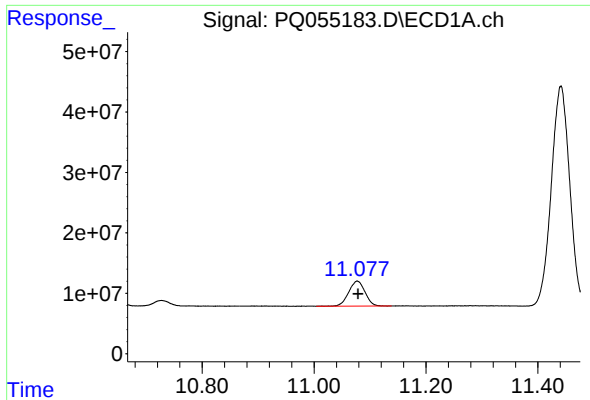
#44 AR-1268-4

R.T.: 10.631 min
Delta R.T.: -0.004 min
Response: 266155204
Conc: 351.09 ng/ml



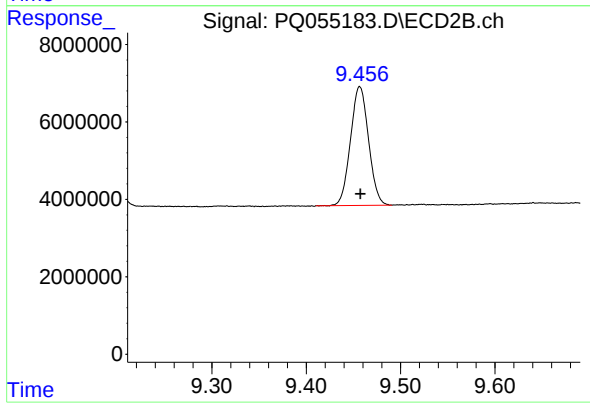
#44 AR-1268-4

R.T.: 9.147 min
Delta R.T.: 0.000 min
Response: 153612334
Conc: 340.03 ng/ml



#45 AR-1268-5

R.T.: 11.077 min
Delta R.T.: -0.002 min
Response: 83962563
Conc: 14.65 ng/ml



#45 AR-1268-5

R.T.: 9.457 min
Delta R.T.: 0.000 min
Response: 40772713
Conc: 11.53 ng/ml