

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ071723\
 Data File : PQ062280.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 17 Jul 2023 14:45
 Operator : YP\AJ
 Sample : 03625-01MSD
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 17 22:22:25 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ070123.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Jul 04 05:32:27 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...	3.404	2.759	89717967	54782915	18.392	21.834
2) SA Decachlor...	8.588	7.528	41222174	47362337	11.347	14.214 #
Target Compounds						
3) L1 AR-1016-1	4.505	3.760	68583963	53884390	416.372	544.422 #
4) L1 AR-1016-2	4.524	3.775	109.0E6	74505846	440.656	516.688
5) L1 AR-1016-3	4.582	3.935	66888286	38348616	438.883	508.315
6) L1 AR-1016-4	4.673	3.984	53809483	35543475	429.290	541.168 #
7) L1 AR-1016-5	4.960	4.179	61858943	45576786	508.220	555.939
8) L2 AR-1221-1	3.591	2.959	15234755	5478810	253.457	166.042 #
9) L2 AR-1221-2	3.683	3.037	9257114	7225246	206.022	284.458 #
10) L2 AR-1221-3	3.753	3.104	41859338	27431588	297.893	355.834
11) L3 AR-1232-1	3.753	3.104	41859338	27431588	396.390	478.748
12) L3 AR-1232-2	4.246	3.775	61299159	74505846	1036.314	1119.464
13) L3 AR-1232-3	4.524	3.935	109.0E6	38348616	963.564	1109.786
14) L3 AR-1232-4	4.673	4.021	53809483	37920099	949.583	1275.061 #
15) L3 AR-1232-5	4.771	4.179	47685252	45576786	1190.643	1278.062
16) L4 AR-1242-1	4.505	3.760	68583963	53884390	524.727	696.729 #
17) L4 AR-1242-2	4.524	3.775	109.0E6	74505846	561.251	670.266
18) L4 AR-1242-3	4.582	3.935	66888286	38348616	553.509	654.681
19) L4 AR-1242-4	4.673	4.021	53809483	37920099	551.973	646.790
20) L4 AR-1242-5	5.390	4.514	17291793	41197884	180.631	497.003 #
21) L5 AR-1248-1	4.505	3.760	68583963	53884390	659.597	861.869 #
22) L5 AR-1248-2	4.771	3.984	47685252	35543475	331.926	379.055
23) L5 AR-1248-3	4.960	4.021	61858943	37920099	356.099	418.804
24) L5 AR-1248-4	5.354	4.179	11882026	45576786	61.908	403.908 #
25) L5 AR-1248-5	5.390	4.552	17291793	10420327	95.470	93.012
26) L6 AR-1254-1	5.327	4.514	54128161	41197884	291.291	255.154
27) L6 AR-1254-2	5.542	4.661	41547838	36613822	142.917	248.694 #
28) L6 AR-1254-3	5.898	5.043	50206786	39116833	163.465	167.380
29) L6 AR-1254-4	6.182	5.269	22850131	21358293	98.410	140.133 #
30) L6 AR-1254-5	6.595	5.674	155.6E6	143.3E6	605.639	620.802
31) L7 AR-1260-1	6.063	5.172	102.8E6	103.8E6	435.908	622.948 #
32) L7 AR-1260-2	6.323	5.362	142.4E6	113.4E6	493.151	545.389
33) L7 AR-1260-3	6.677	5.502	75235924	105.6E6	426.081	542.530 #
34) L7 AR-1260-4	6.895	5.965	90129469	66713055	427.864	457.372
35) L7 AR-1260-5	7.207	6.211	171.6E6	149.4E6	417.973	449.910
36) L8 AR-1262-1	6.677	5.717	75235924	70833988	246.722	304.700
37) L8 AR-1262-2	7.207	5.965	171.6E6	66713055	325.838	308.561
38) L8 AR-1262-3	7.486	6.488	109.7E6	39189443	311.246	224.803 #
39) L8 AR-1262-4	7.555	6.546	26229416	130.6E6	98.341	405.077 #
40) L8 AR-1262-5	8.061	7.044	40629920	36910034	228.890	237.953
41) L9 AR-1268-1	7.486	6.488	109.7E6	39189443	193.229	83.287 #

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 Acq On : 17 Jul 2023 14:45
 Operator : YP\AJ
 Sample : 03625-01MSD
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

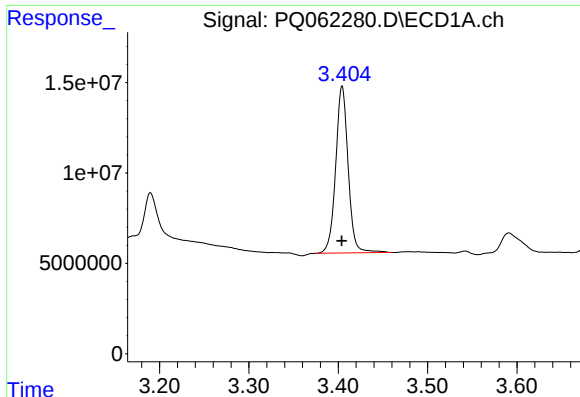
Instrument :
 ECD_D
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 17 22:22:25 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ070123.M
 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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
42) L9	AR-1268-2	7.555	6.546	26229416	130.6E6	51.443	308.127 #
43) L9	AR-1268-3	7.739	6.750	3208748	6596711	7.519	17.910 #
44) L9	AR-1268-4	8.061	7.044	40629920	36910034	222.040	230.780
45) L9	AR-1268-5	8.354	7.312	13643376	15019069	10.822	12.870

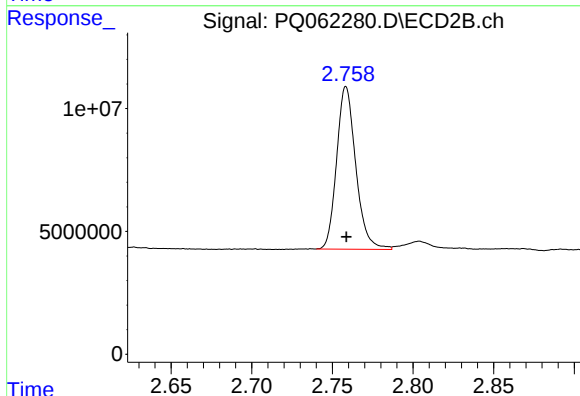
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

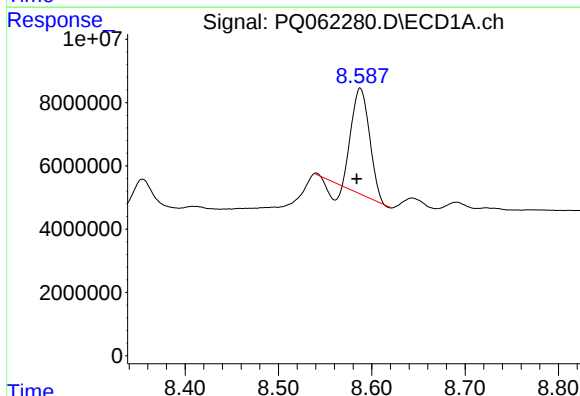
R.T.: 3.404 min
Delta R.T.: 0.000 min
Response: 89717967
Conc: 18.39 ng/ml

Instrument :
ECD_D
ClientSampleId :



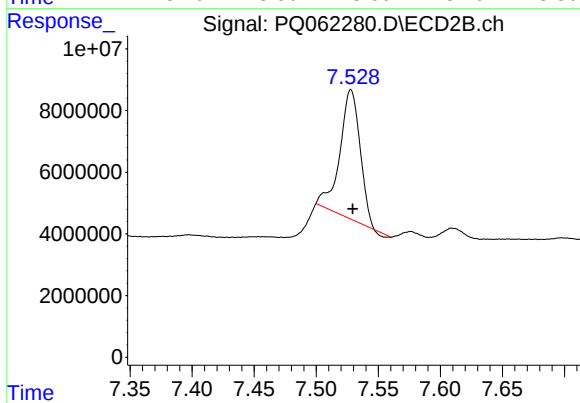
#1 Tetrachloro-m-xylene

R.T.: 2.759 min
Delta R.T.: 0.000 min
Response: 54782915
Conc: 21.83 ng/ml



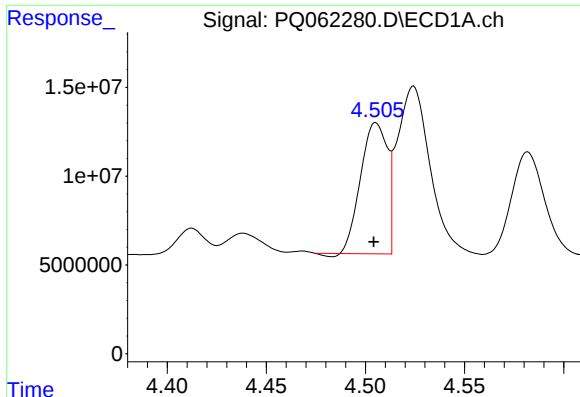
#2 Decachlorobiphenyl

R.T.: 8.588 min
Delta R.T.: 0.004 min
Response: 41222174
Conc: 11.35 ng/ml



#2 Decachlorobiphenyl

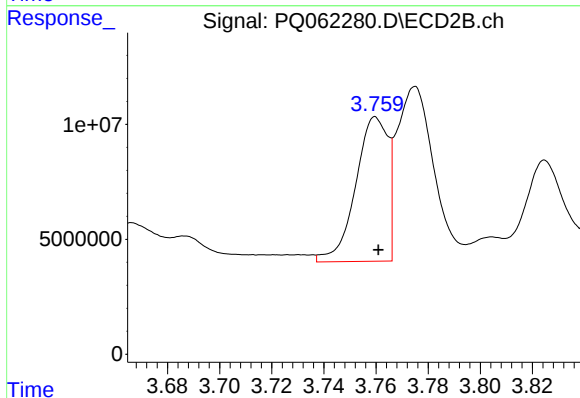
R.T.: 7.528 min
Delta R.T.: -0.001 min
Response: 47362337
Conc: 14.21 ng/ml



#3 AR-1016-1

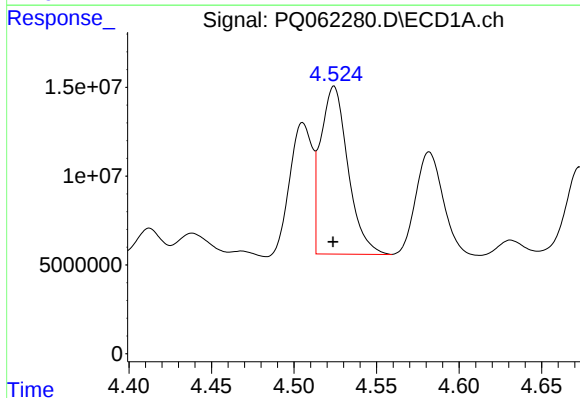
R.T.: 4.505 min
Delta R.T.: 0.001 min
Response: 68583963
Conc: 416.37 ng/ml

Instrument :
ECD_D
ClientSampleId :



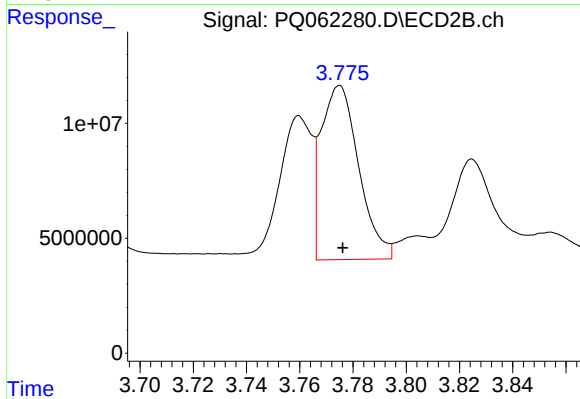
#3 AR-1016-1

R.T.: 3.760 min
Delta R.T.: -0.001 min
Response: 53884390
Conc: 544.42 ng/ml



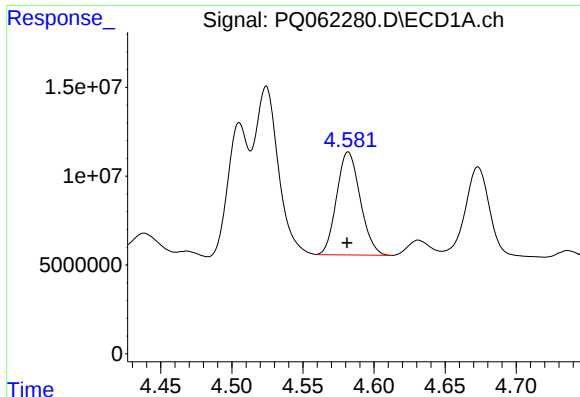
#4 AR-1016-2

R.T.: 4.524 min
Delta R.T.: 0.000 min
Response: 108960382
Conc: 440.66 ng/ml



#4 AR-1016-2

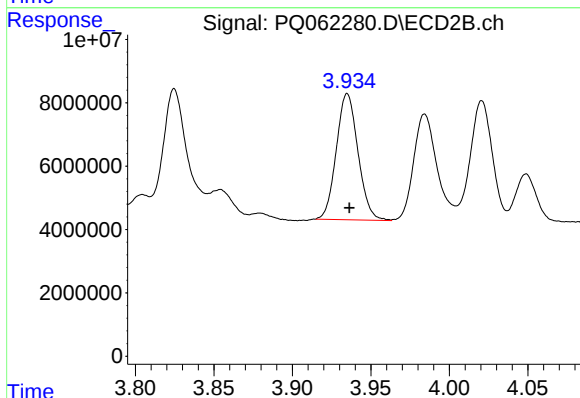
R.T.: 3.775 min
Delta R.T.: -0.001 min
Response: 74505846
Conc: 516.69 ng/ml



#5 AR-1016-3

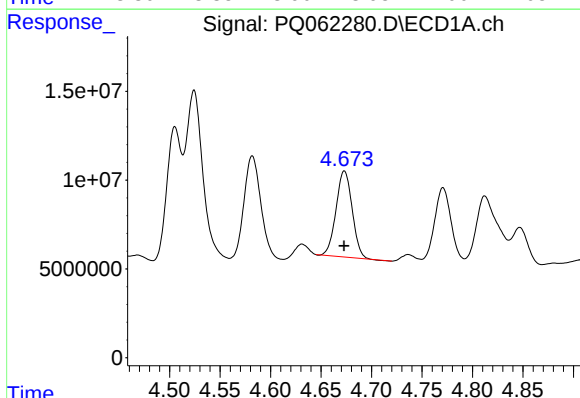
R.T.: 4.582 min
Delta R.T.: 0.000 min
Response: 66888286
Conc: 438.88 ng/ml

Instrument :
ECD_D
ClientSampleId :



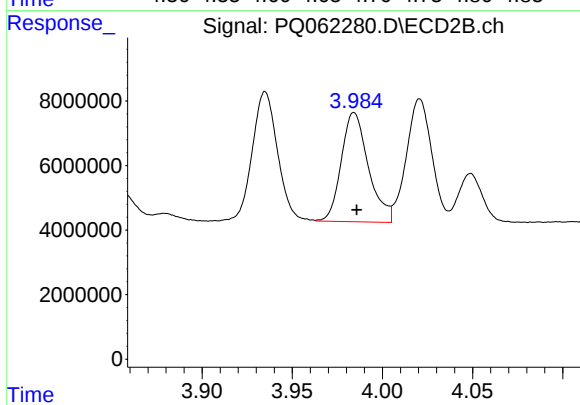
#5 AR-1016-3

R.T.: 3.935 min
Delta R.T.: -0.001 min
Response: 38348616
Conc: 508.31 ng/ml



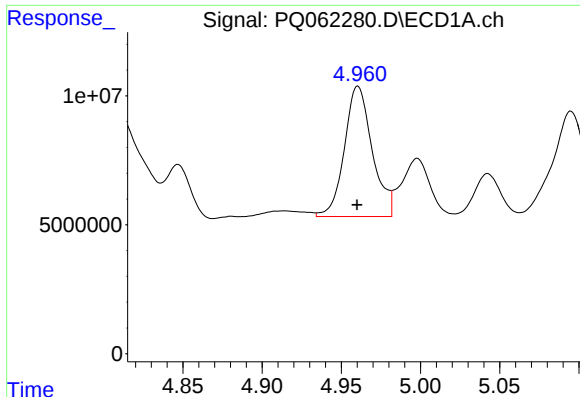
#6 AR-1016-4

R.T.: 4.673 min
Delta R.T.: 0.000 min
Response: 53809483
Conc: 429.29 ng/ml



#6 AR-1016-4

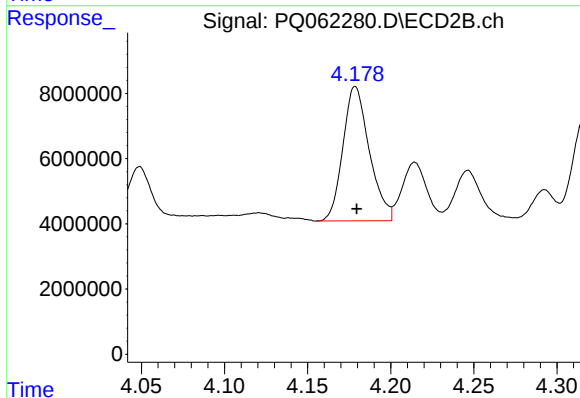
R.T.: 3.984 min
Delta R.T.: -0.001 min
Response: 35543475
Conc: 541.17 ng/ml



#7 AR-1016-5

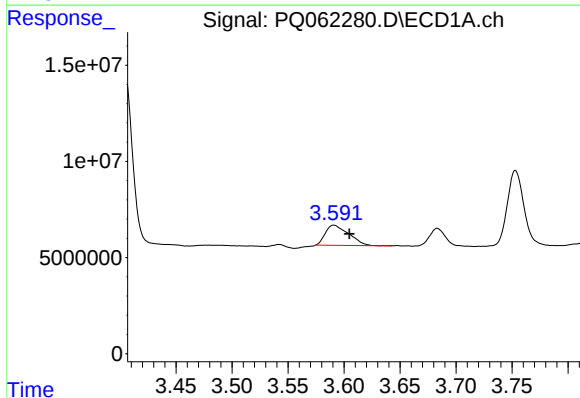
R.T.: 4.960 min
Delta R.T.: 0.000 min
Response: 61858943
Conc: 508.22 ng/ml

Instrument :
ECD_D
ClientSampleId :



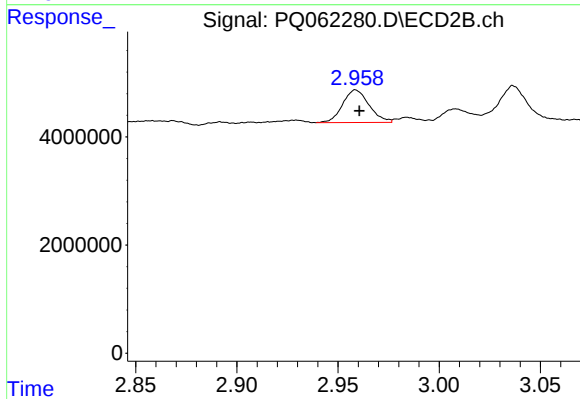
#7 AR-1016-5

R.T.: 4.179 min
Delta R.T.: 0.000 min
Response: 45576786
Conc: 555.94 ng/ml



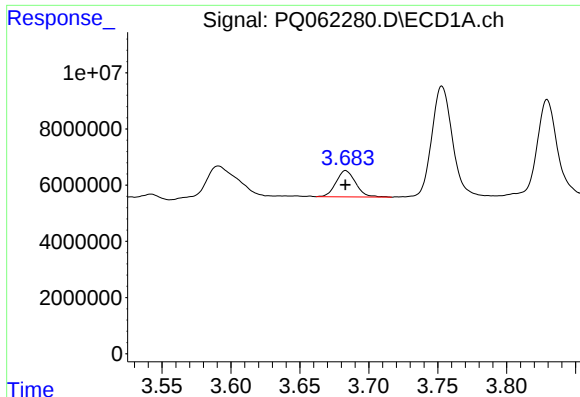
#8 AR-1221-1

R.T.: 3.591 min
Delta R.T.: -0.014 min
Response: 15234755
Conc: 253.46 ng/ml



#8 AR-1221-1

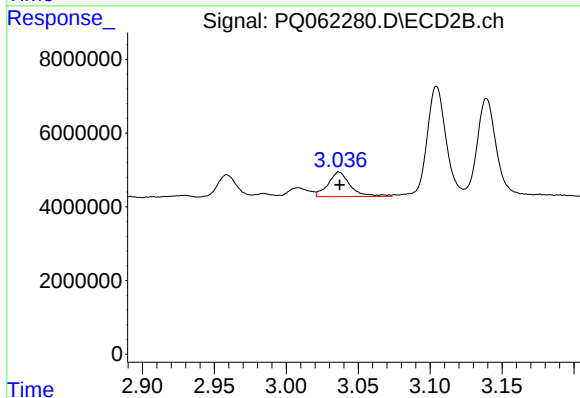
R.T.: 2.959 min
Delta R.T.: -0.002 min
Response: 5478810
Conc: 166.04 ng/ml



#9 AR-1221-2

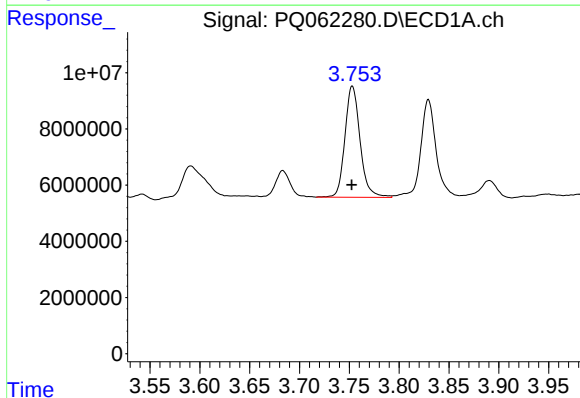
R.T.: 3.683 min
Delta R.T.: 0.000 min
Response: 9257114
Conc: 206.02 ng/ml

Instrument :
ECD_D
ClientSampleId :



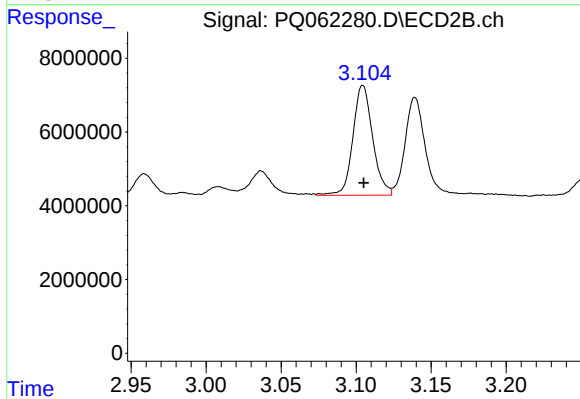
#9 AR-1221-2

R.T.: 3.037 min
Delta R.T.: 0.000 min
Response: 7225246
Conc: 284.46 ng/ml



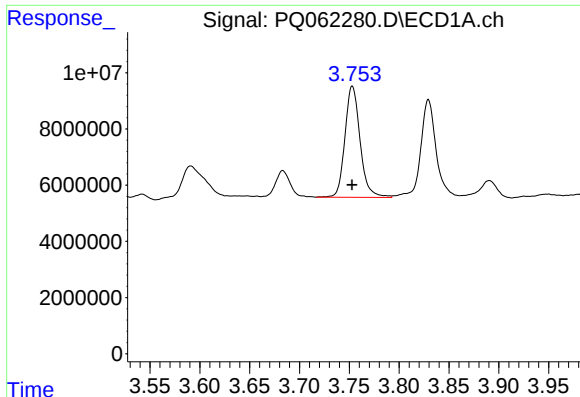
#10 AR-1221-3

R.T.: 3.753 min
Delta R.T.: 0.000 min
Response: 41859338
Conc: 297.89 ng/ml



#10 AR-1221-3

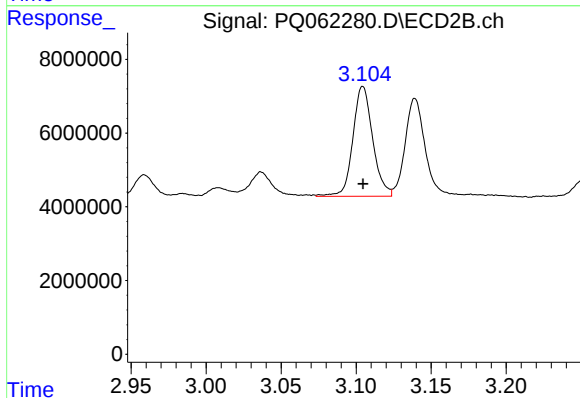
R.T.: 3.104 min
Delta R.T.: 0.000 min
Response: 27431588
Conc: 355.83 ng/ml



#11 AR-1232-1

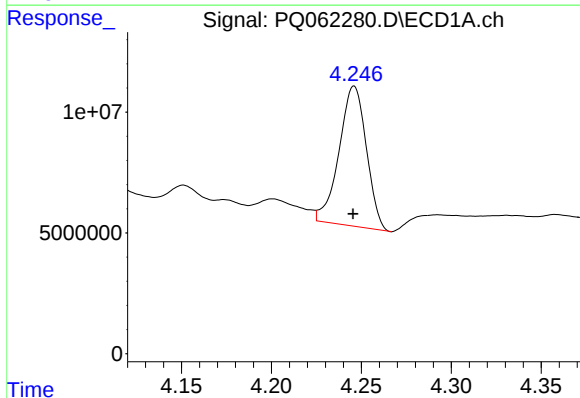
R.T.: 3.753 min
Delta R.T.: 0.000 min
Response: 41859338
Conc: 396.39 ng/ml

Instrument :
ECD_D
ClientSampleId :



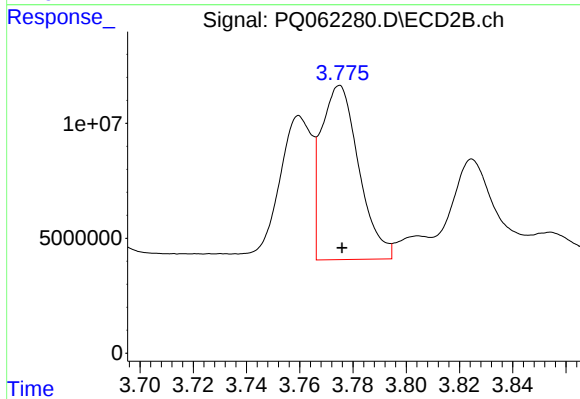
#11 AR-1232-1

R.T.: 3.104 min
Delta R.T.: 0.000 min
Response: 27431588
Conc: 478.75 ng/ml



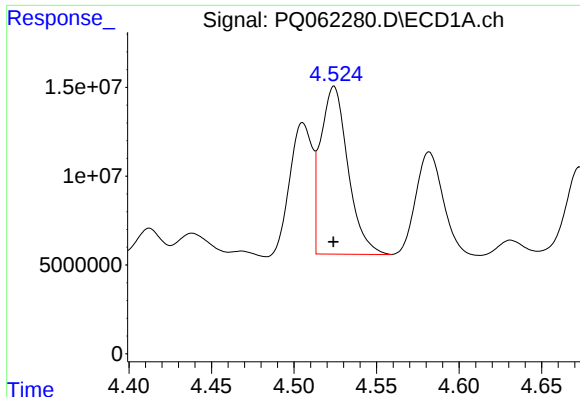
#12 AR-1232-2

R.T.: 4.246 min
Delta R.T.: 0.000 min
Response: 61299159
Conc: 1036.31 ng/ml



#12 AR-1232-2

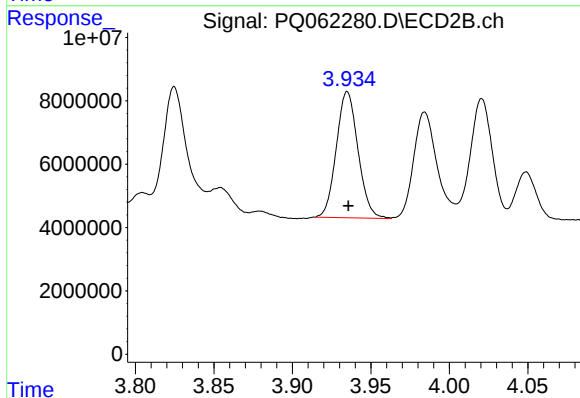
R.T.: 3.775 min
Delta R.T.: 0.000 min
Response: 74505846
Conc: 1119.46 ng/ml



#13 AR-1232-3

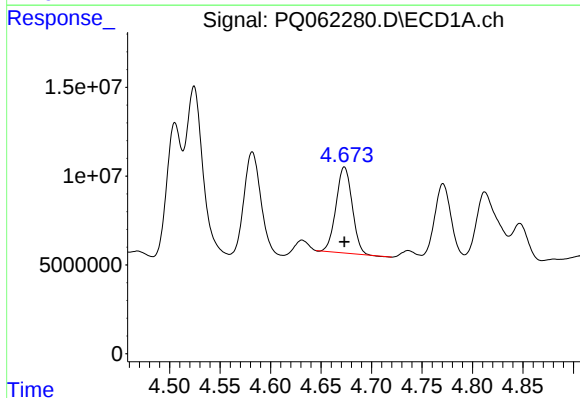
R.T.: 4.524 min
Delta R.T.: 0.000 min
Response: 108960382
Conc: 963.56 ng/ml

Instrument :
ECD_D
ClientSampleId :



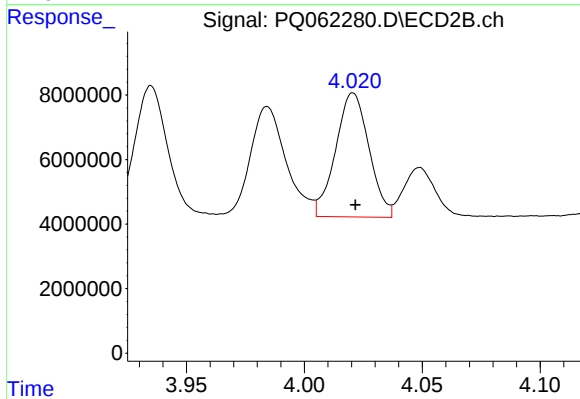
#13 AR-1232-3

R.T.: 3.935 min
Delta R.T.: 0.000 min
Response: 38348616
Conc: 1109.79 ng/ml



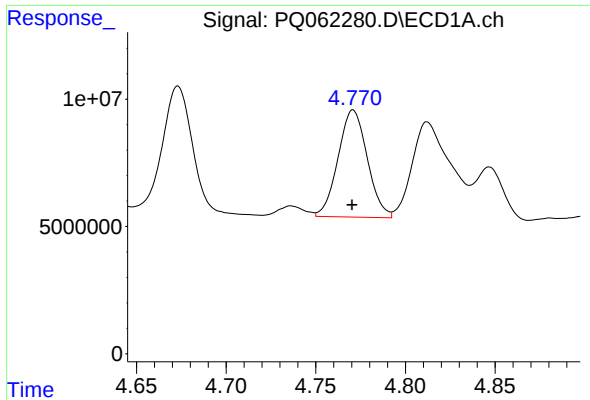
#14 AR-1232-4

R.T.: 4.673 min
Delta R.T.: 0.000 min
Response: 53809483
Conc: 949.58 ng/ml



#14 AR-1232-4

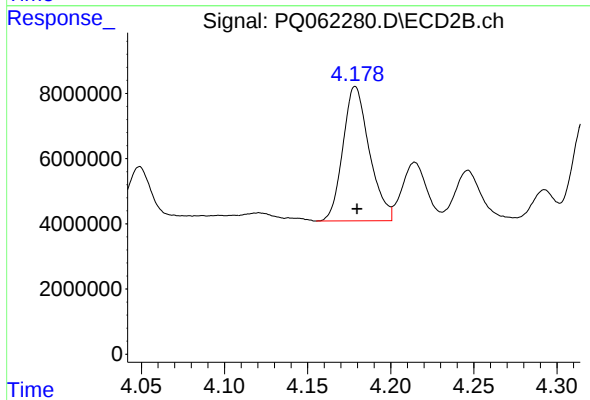
R.T.: 4.021 min
Delta R.T.: 0.000 min
Response: 37920099
Conc: 1275.06 ng/ml



#15 AR-1232-5

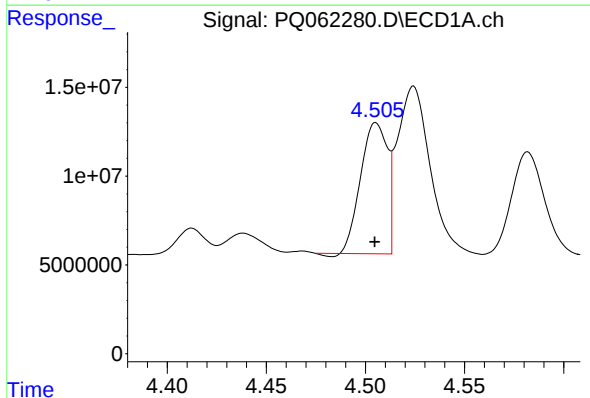
R.T.: 4.771 min
Delta R.T.: 0.000 min
Response: 47685252
Conc: 1190.64 ng/ml

Instrument :
ECD_D
ClientSampleId :



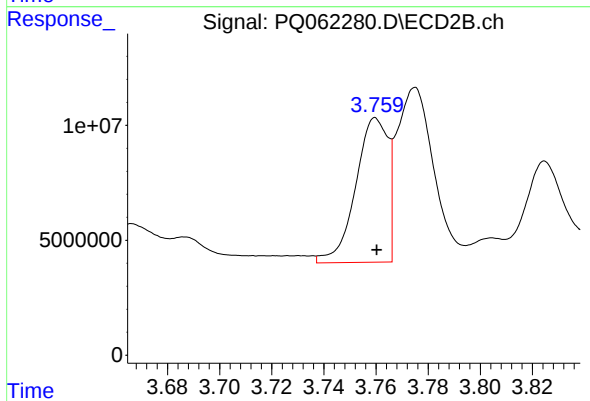
#15 AR-1232-5

R.T.: 4.179 min
Delta R.T.: 0.000 min
Response: 45576786
Conc: 1278.06 ng/ml



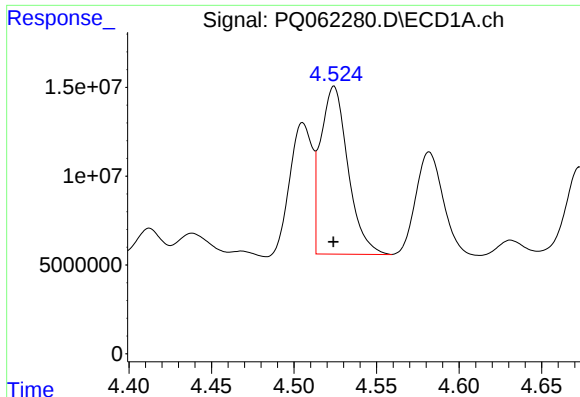
#16 AR-1242-1

R.T.: 4.505 min
Delta R.T.: 0.000 min
Response: 68583963
Conc: 524.73 ng/ml



#16 AR-1242-1

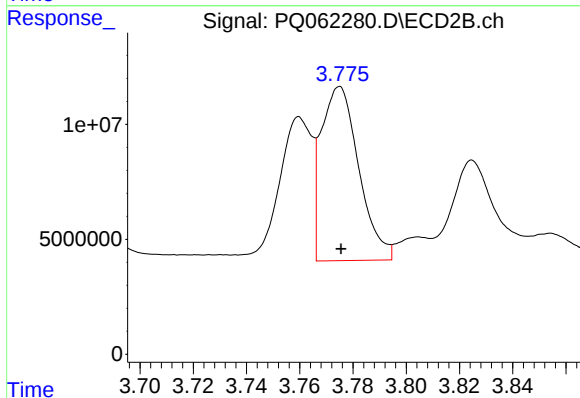
R.T.: 3.760 min
Delta R.T.: 0.000 min
Response: 53884390
Conc: 696.73 ng/ml



#17 AR-1242-2

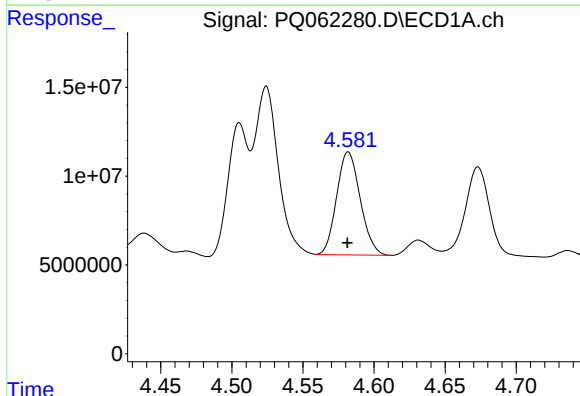
R.T.: 4.524 min
Delta R.T.: 0.000 min
Response: 108960382
Conc: 561.25 ng/ml

Instrument :
ECD_D
ClientSampleId :



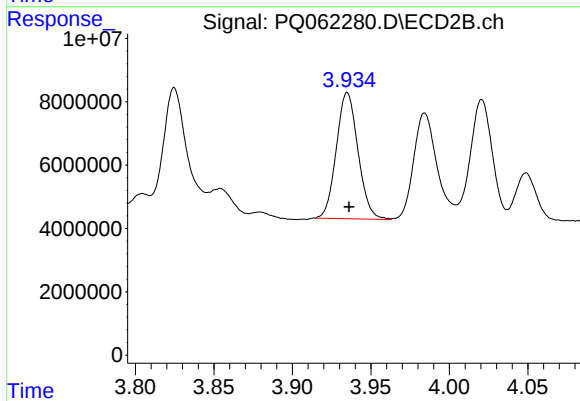
#17 AR-1242-2

R.T.: 3.775 min
Delta R.T.: 0.000 min
Response: 74505846
Conc: 670.27 ng/ml



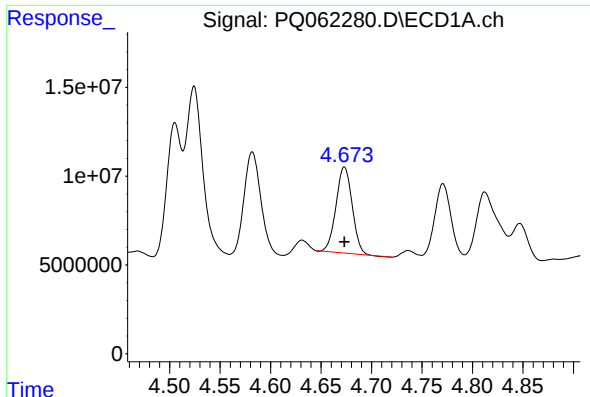
#18 AR-1242-3

R.T.: 4.582 min
Delta R.T.: 0.000 min
Response: 66888286
Conc: 553.51 ng/ml



#18 AR-1242-3

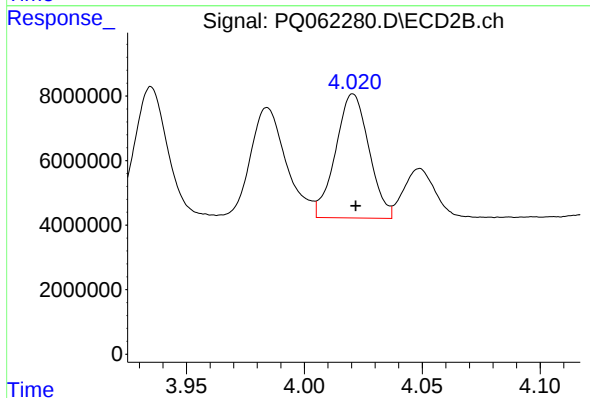
R.T.: 3.935 min
Delta R.T.: -0.001 min
Response: 38348616
Conc: 654.68 ng/ml



#19 AR-1242-4

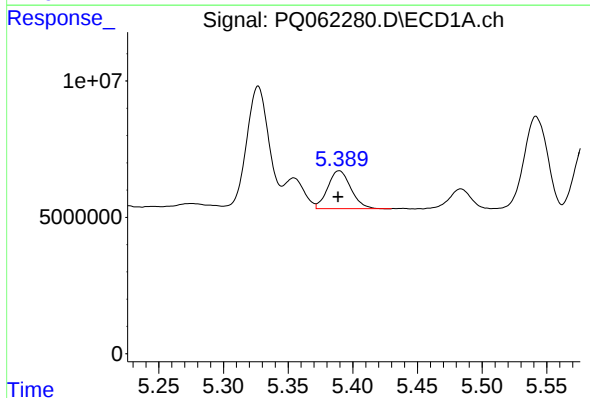
R.T.: 4.673 min
Delta R.T.: 0.000 min
Response: 53809483
Conc: 551.97 ng/ml

Instrument :
ECD_D
ClientSampleId :



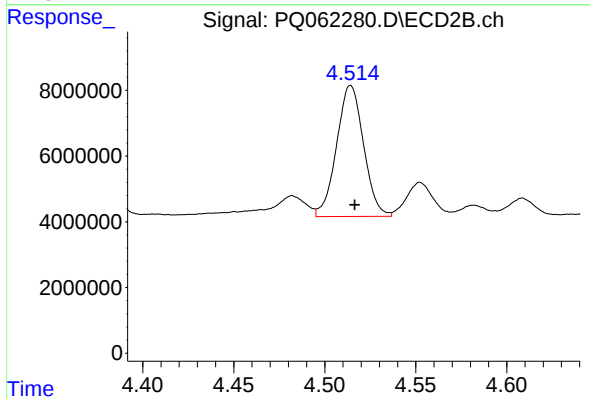
#19 AR-1242-4

R.T.: 4.021 min
Delta R.T.: -0.001 min
Response: 37920099
Conc: 646.79 ng/ml



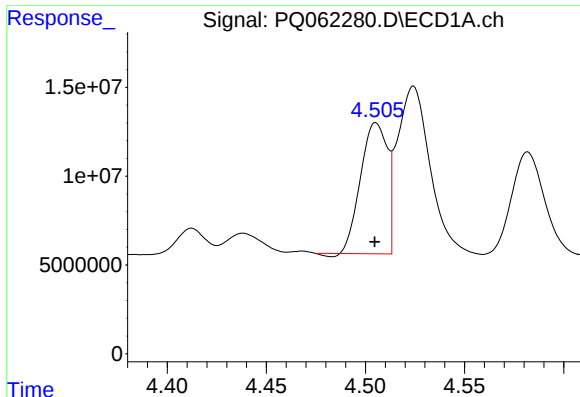
#20 AR-1242-5

R.T.: 5.390 min
Delta R.T.: 0.000 min
Response: 17291793
Conc: 180.63 ng/ml



#20 AR-1242-5

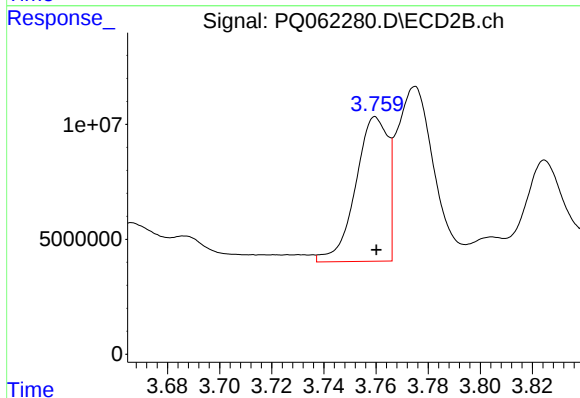
R.T.: 4.514 min
Delta R.T.: -0.002 min
Response: 41197884
Conc: 497.00 ng/ml



#21 AR-1248-1

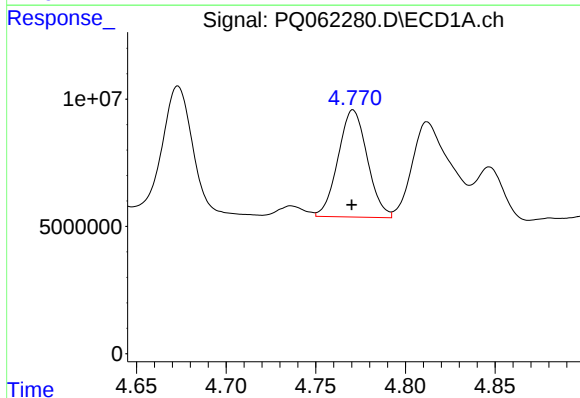
R.T.: 4.505 min
Delta R.T.: 0.000 min
Response: 68583963
Conc: 659.60 ng/ml

Instrument :
ECD_D
ClientSampleId :



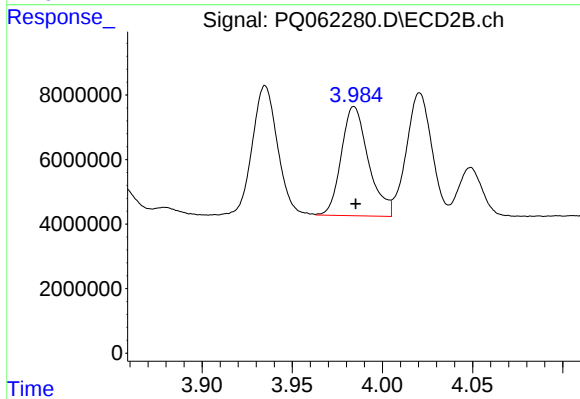
#21 AR-1248-1

R.T.: 3.760 min
Delta R.T.: 0.000 min
Response: 53884390
Conc: 861.87 ng/ml



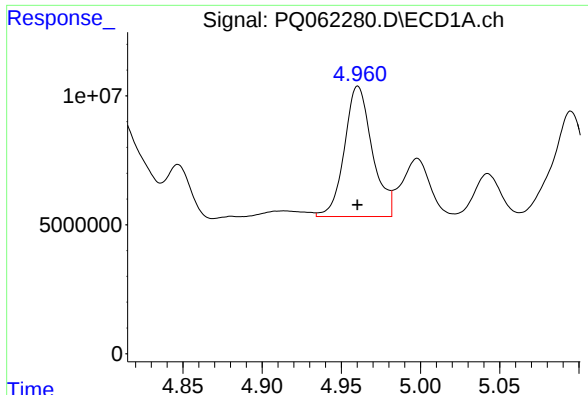
#22 AR-1248-2

R.T.: 4.771 min
Delta R.T.: 0.000 min
Response: 47685252
Conc: 331.93 ng/ml



#22 AR-1248-2

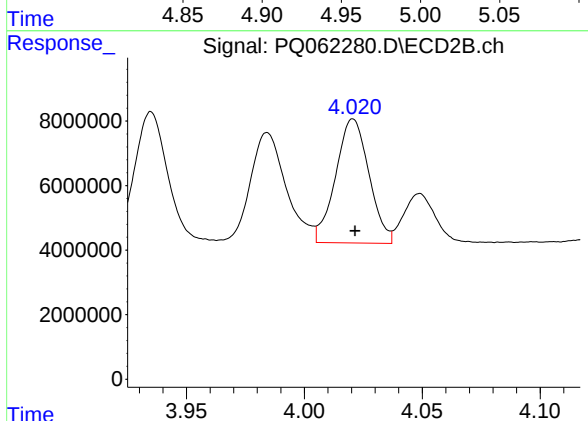
R.T.: 3.984 min
Delta R.T.: 0.000 min
Response: 35543475
Conc: 379.05 ng/ml



#23 AR-1248-3

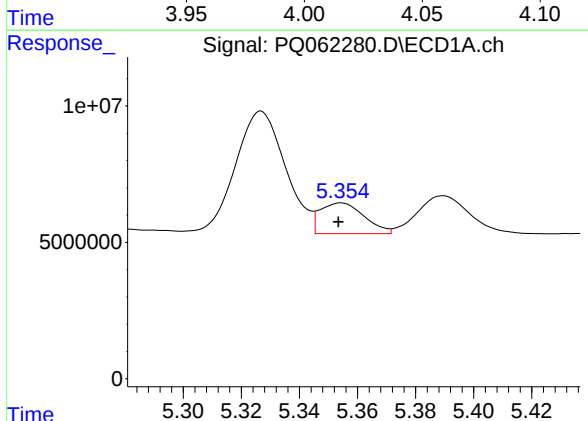
R.T.: 4.960 min
Delta R.T.: 0.000 min
Response: 61858943
Conc: 356.10 ng/ml

Instrument :
ECD_D
ClientSampleId :



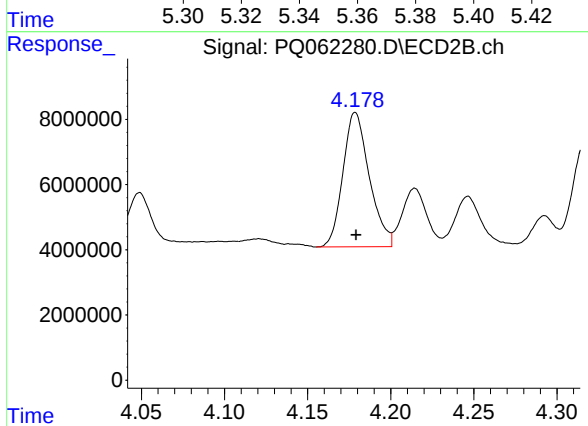
#23 AR-1248-3

R.T.: 4.021 min
Delta R.T.: 0.000 min
Response: 37920099
Conc: 418.80 ng/ml



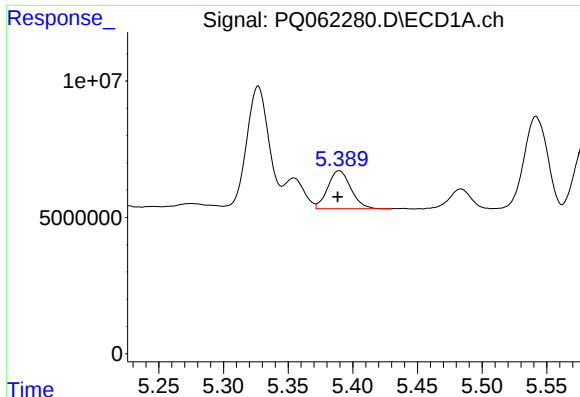
#24 AR-1248-4

R.T.: 5.354 min
Delta R.T.: 0.000 min
Response: 11882026
Conc: 61.91 ng/ml



#24 AR-1248-4

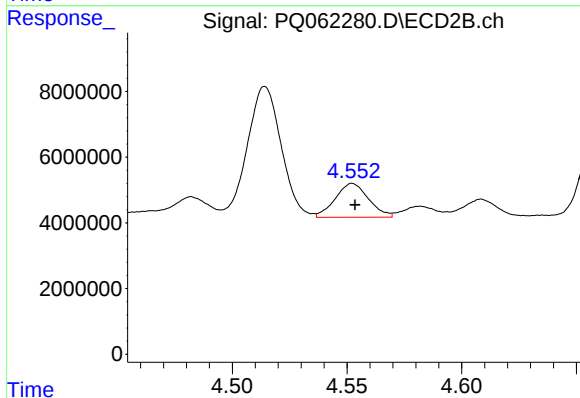
R.T.: 4.179 min
Delta R.T.: 0.000 min
Response: 45576786
Conc: 403.91 ng/ml



#25 AR-1248-5

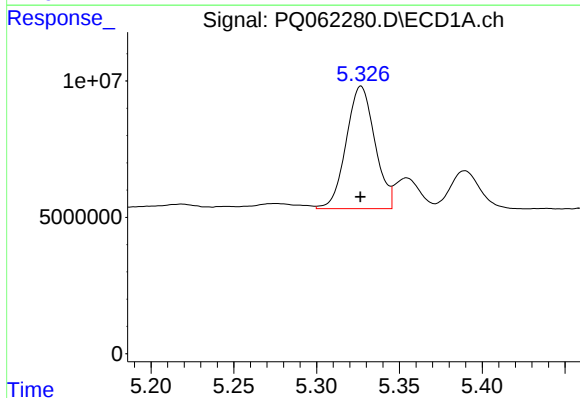
R.T.: 5.390 min
Delta R.T.: 0.001 min
Response: 17291793
Conc: 95.47 ng/ml

Instrument :
ECD_D
ClientSampleId :



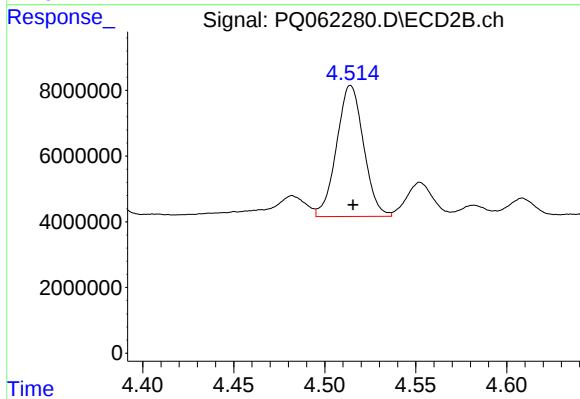
#25 AR-1248-5

R.T.: 4.552 min
Delta R.T.: -0.001 min
Response: 10420327
Conc: 93.01 ng/ml



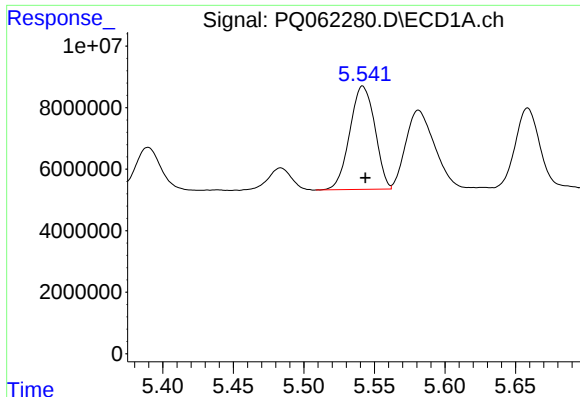
#26 AR-1254-1

R.T.: 5.327 min
Delta R.T.: 0.000 min
Response: 54128161
Conc: 291.29 ng/ml



#26 AR-1254-1

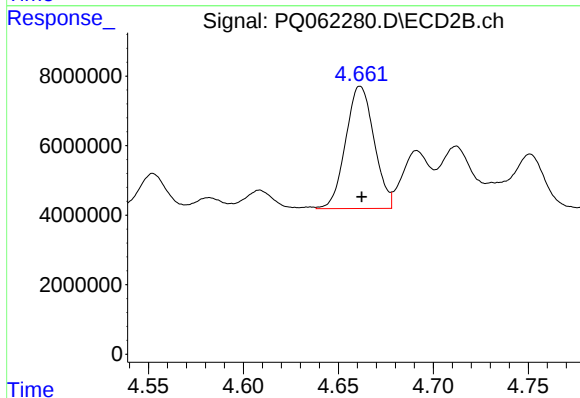
R.T.: 4.514 min
Delta R.T.: -0.001 min
Response: 41197884
Conc: 255.15 ng/ml



#27 AR-1254-2

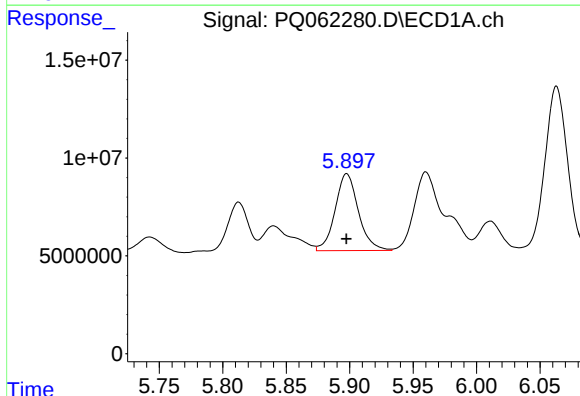
R.T.: 5.542 min
Delta R.T.: -0.002 min
Response: 41547838
Conc: 142.92 ng/ml

Instrument :
ECD_D
ClientSampleId :



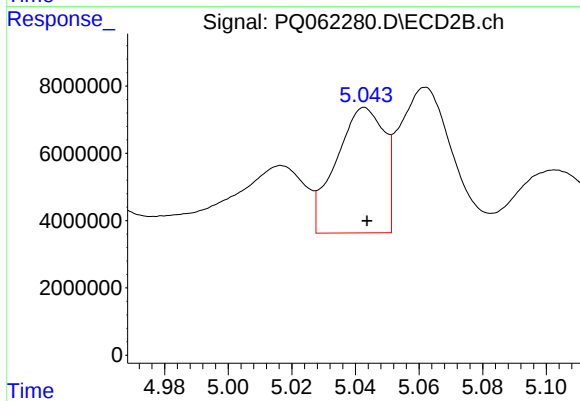
#27 AR-1254-2

R.T.: 4.661 min
Delta R.T.: 0.000 min
Response: 36613822
Conc: 248.69 ng/ml



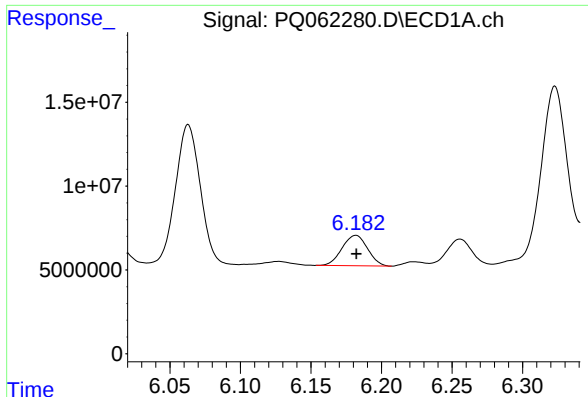
#28 AR-1254-3

R.T.: 5.898 min
Delta R.T.: 0.000 min
Response: 50206786
Conc: 163.47 ng/ml



#28 AR-1254-3

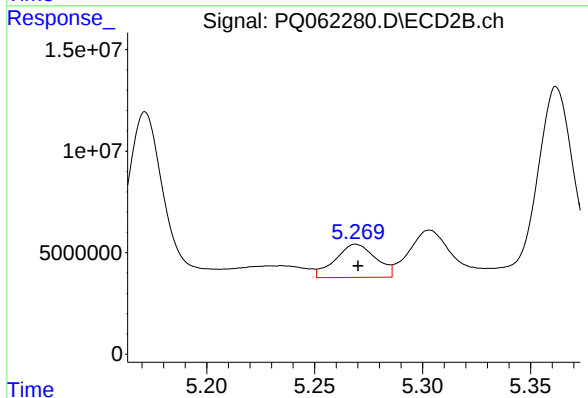
R.T.: 5.043 min
Delta R.T.: 0.000 min
Response: 39116833
Conc: 167.38 ng/ml



#29 AR-1254-4

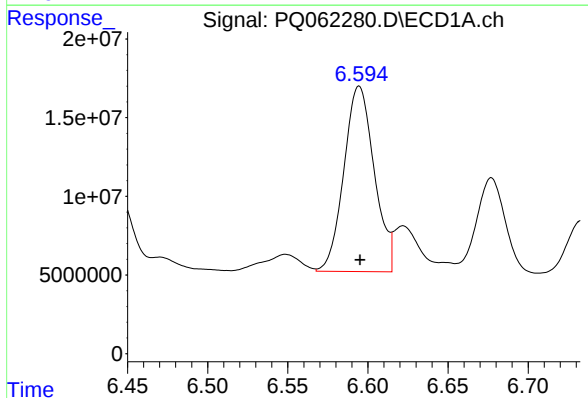
R.T.: 6.182 min
Delta R.T.: 0.000 min
Response: 22850131
Conc: 98.41 ng/ml

Instrument :
ECD_D
ClientSampleId :



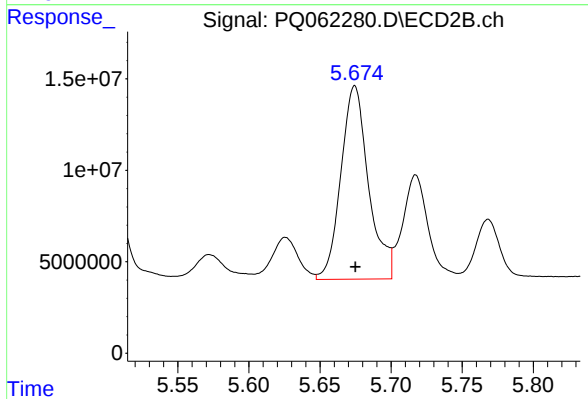
#29 AR-1254-4

R.T.: 5.269 min
Delta R.T.: 0.000 min
Response: 21358293
Conc: 140.13 ng/ml



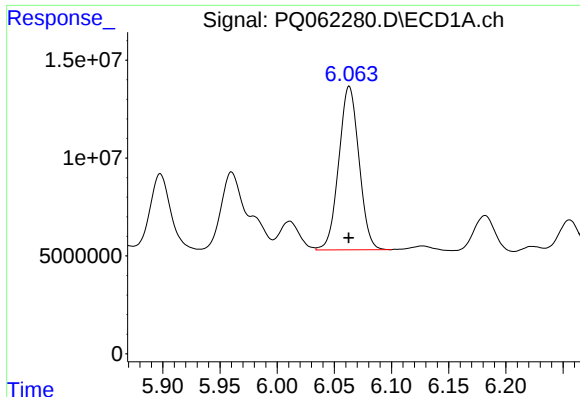
#30 AR-1254-5

R.T.: 6.595 min
Delta R.T.: 0.000 min
Response: 155570639
Conc: 605.64 ng/ml



#30 AR-1254-5

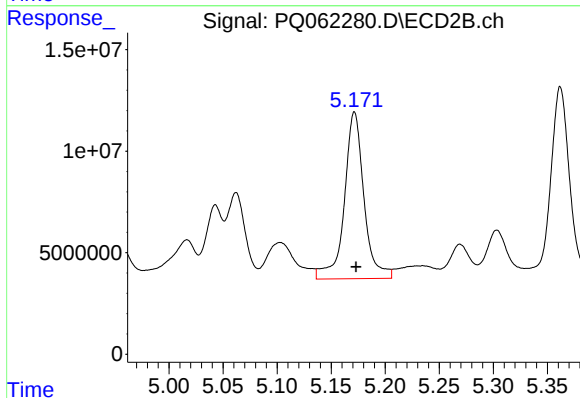
R.T.: 5.674 min
Delta R.T.: 0.000 min
Response: 143278820
Conc: 620.80 ng/ml



#31 AR-1260-1

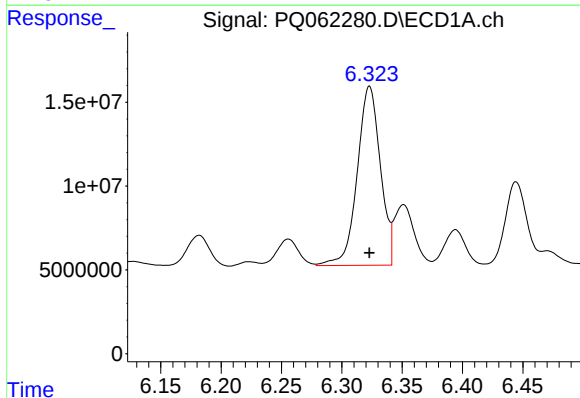
R.T.: 6.063 min
Delta R.T.: 0.000 min
Response: 102844379
Conc: 435.91 ng/ml

Instrument :
ECD_D
ClientSampleId :



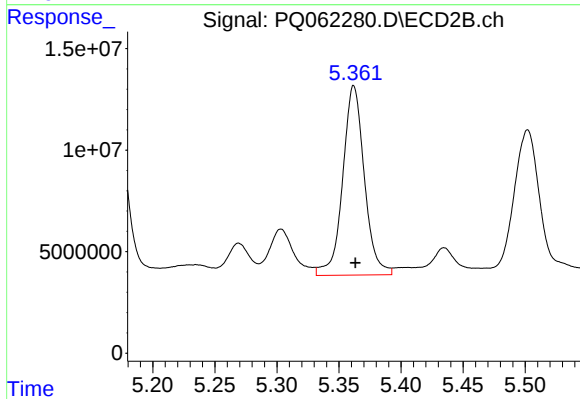
#31 AR-1260-1

R.T.: 5.172 min
Delta R.T.: -0.002 min
Response: 103754058
Conc: 622.95 ng/ml



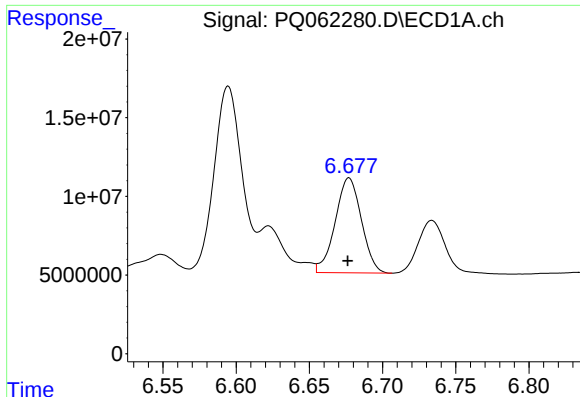
#32 AR-1260-2

R.T.: 6.323 min
Delta R.T.: 0.000 min
Response: 142428139
Conc: 493.15 ng/ml



#32 AR-1260-2

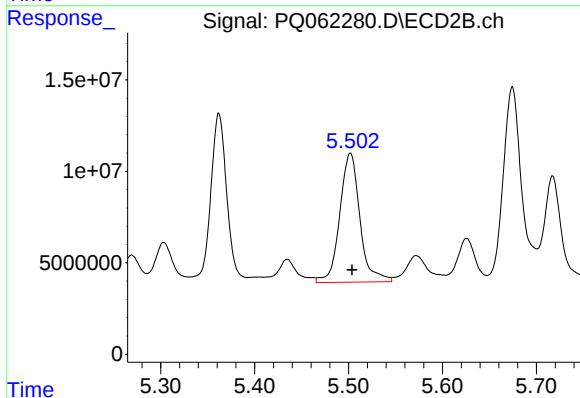
R.T.: 5.362 min
Delta R.T.: -0.001 min
Response: 113411547
Conc: 545.39 ng/ml



#33 AR-1260-3

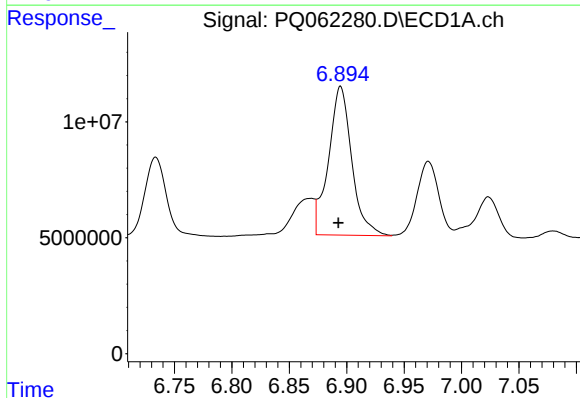
R.T.: 6.677 min
Delta R.T.: 0.001 min
Response: 75235924
Conc: 426.08 ng/ml

Instrument :
ECD_D
ClientSampleId :



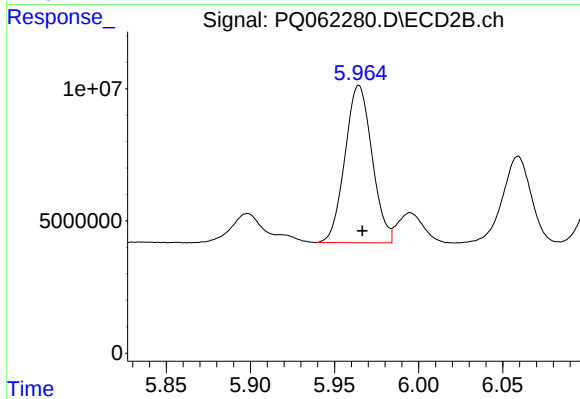
#33 AR-1260-3

R.T.: 5.502 min
Delta R.T.: -0.002 min
Response: 105553937
Conc: 542.53 ng/ml



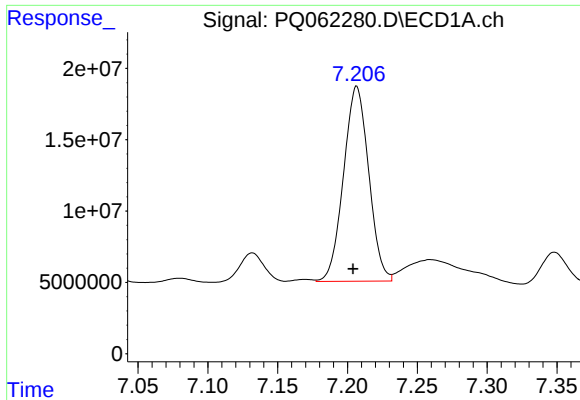
#34 AR-1260-4

R.T.: 6.895 min
Delta R.T.: 0.002 min
Response: 90129469
Conc: 427.86 ng/ml



#34 AR-1260-4

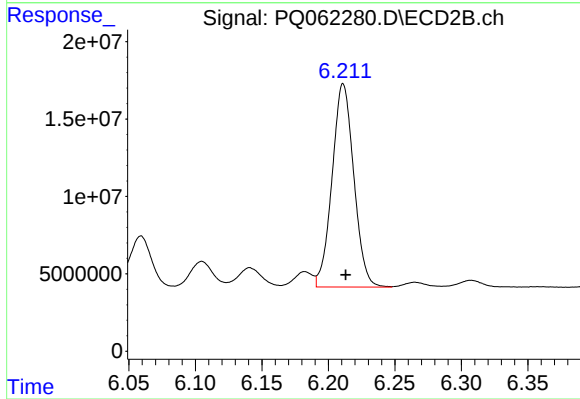
R.T.: 5.965 min
Delta R.T.: -0.002 min
Response: 66713055
Conc: 457.37 ng/ml



#35 AR-1260-5

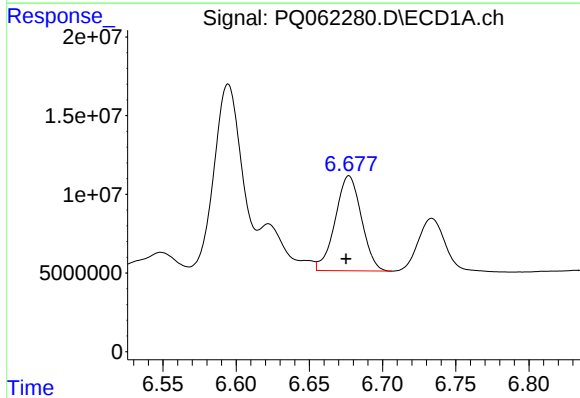
R.T.: 7.207 min
Delta R.T.: 0.003 min
Response: 171623592
Conc: 417.97 ng/ml

Instrument :
ECD_D
ClientSampleId :



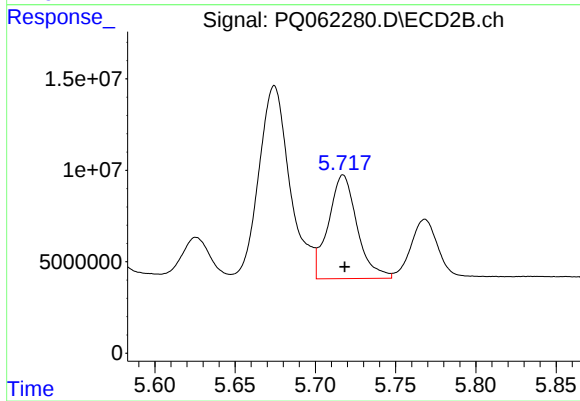
#35 AR-1260-5

R.T.: 6.211 min
Delta R.T.: -0.002 min
Response: 149396676
Conc: 449.91 ng/ml



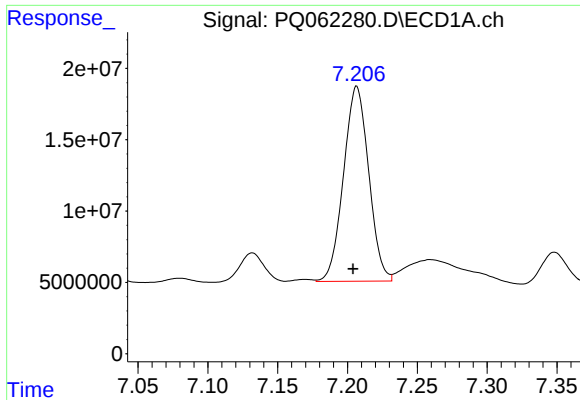
#36 AR-1262-1

R.T.: 6.677 min
Delta R.T.: 0.002 min
Response: 75235924
Conc: 246.72 ng/ml



#36 AR-1262-1

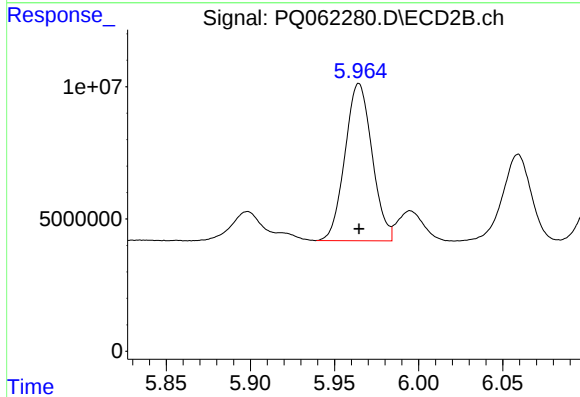
R.T.: 5.717 min
Delta R.T.: 0.000 min
Response: 70833988
Conc: 304.70 ng/ml



#37 AR-1262-2

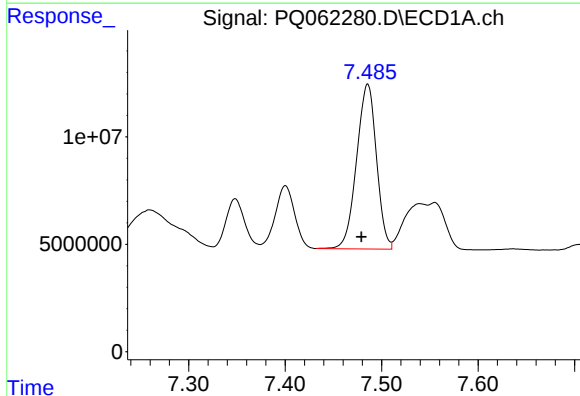
R.T.: 7.207 min
Delta R.T.: 0.003 min
Response: 171623592
Conc: 325.84 ng/ml

Instrument :
ECD_D
ClientSampleId :



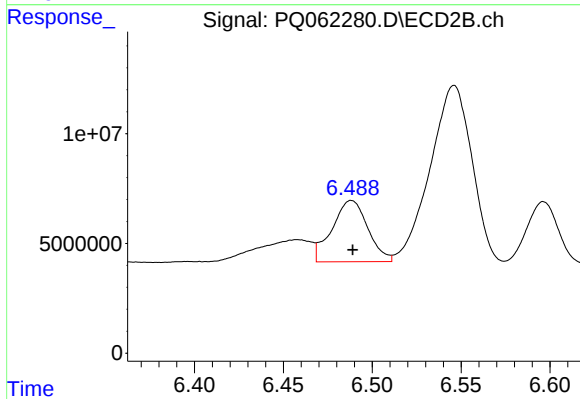
#37 AR-1262-2

R.T.: 5.965 min
Delta R.T.: 0.000 min
Response: 66713055
Conc: 308.56 ng/ml



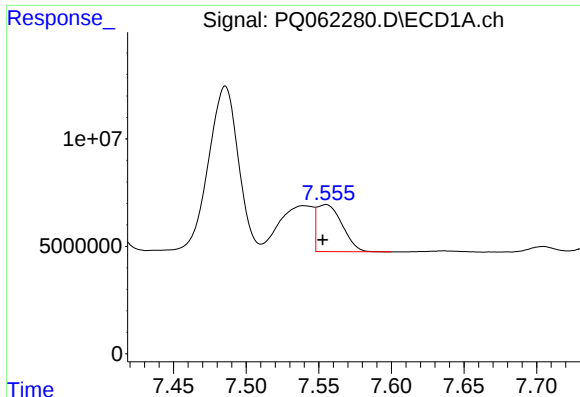
#38 AR-1262-3

R.T.: 7.486 min
Delta R.T.: 0.007 min
Response: 109653108
Conc: 311.25 ng/ml



#38 AR-1262-3

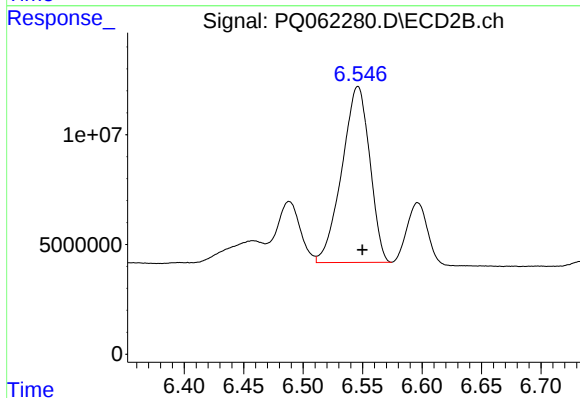
R.T.: 6.488 min
Delta R.T.: 0.000 min
Response: 39189443
Conc: 224.80 ng/ml



#39 AR-1262-4

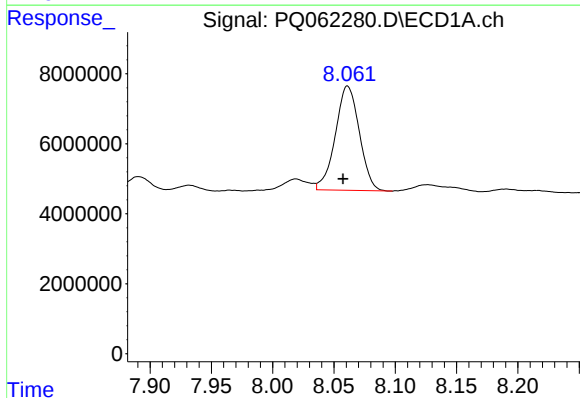
R.T.: 7.555 min
Delta R.T.: 0.002 min
Response: 26229416
Conc: 98.34 ng/ml

Instrument :
ECD_D
ClientSampleId :



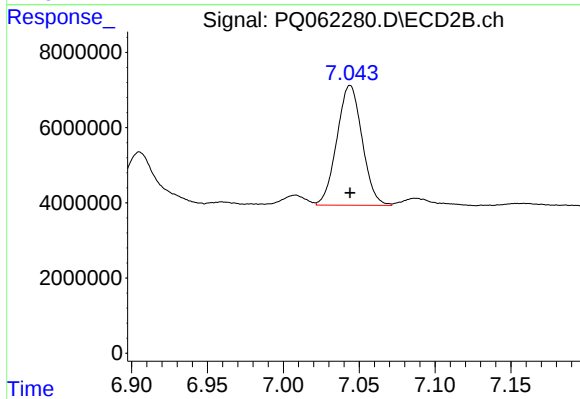
#39 AR-1262-4

R.T.: 6.546 min
Delta R.T.: -0.004 min
Response: 130554089
Conc: 405.08 ng/ml



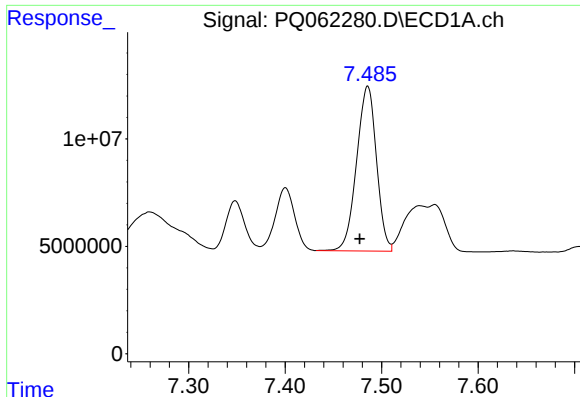
#40 AR-1262-5

R.T.: 8.061 min
Delta R.T.: 0.004 min
Response: 40629920
Conc: 228.89 ng/ml



#40 AR-1262-5

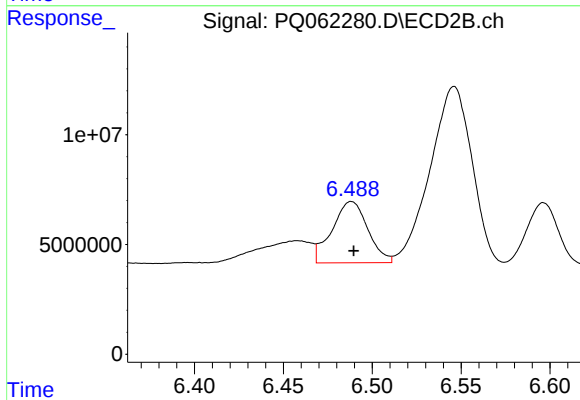
R.T.: 7.044 min
Delta R.T.: 0.000 min
Response: 36910034
Conc: 237.95 ng/ml



#41 AR-1268-1

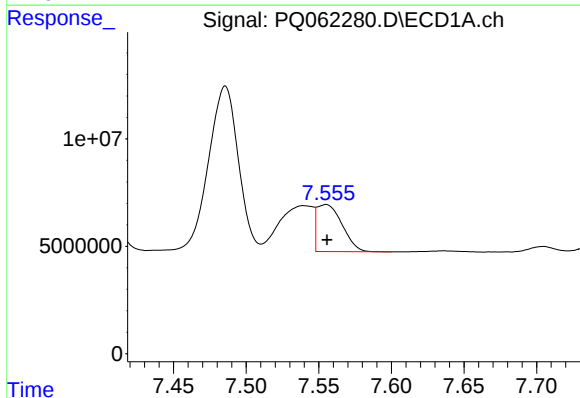
R.T.: 7.486 min
Delta R.T.: 0.008 min
Response: 109653108
Conc: 193.23 ng/ml

Instrument :
ECD_D
ClientSampleId :



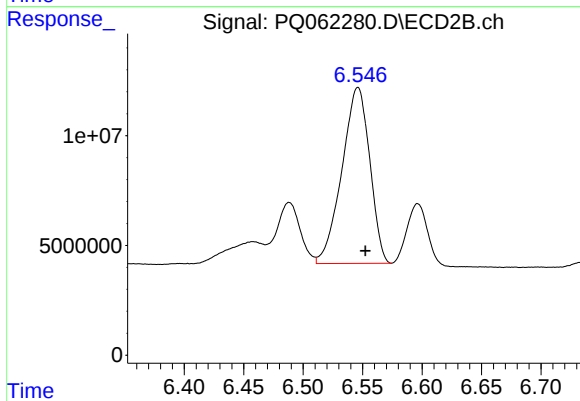
#41 AR-1268-1

R.T.: 6.488 min
Delta R.T.: -0.001 min
Response: 39189443
Conc: 83.29 ng/ml



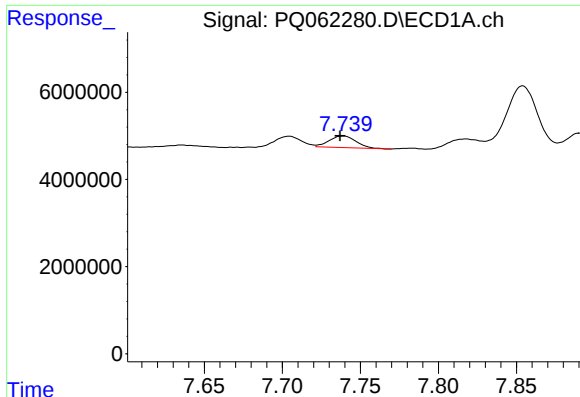
#42 AR-1268-2

R.T.: 7.555 min
Delta R.T.: 0.000 min
Response: 26229416
Conc: 51.44 ng/ml



#42 AR-1268-2

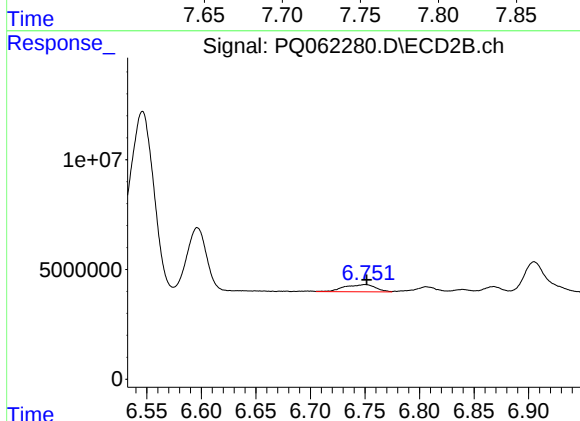
R.T.: 6.546 min
Delta R.T.: -0.006 min
Response: 130554089
Conc: 308.13 ng/ml



#43 AR-1268-3

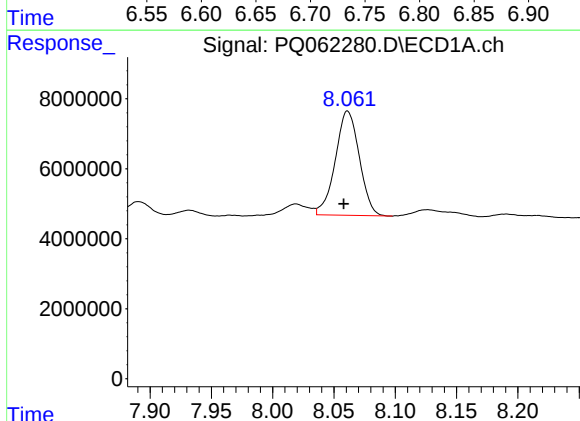
R.T.: 7.739 min
Delta R.T.: 0.002 min
Response: 3208748
Conc: 7.52 ng/ml

Instrument :
ECD_D
ClientSampleId :



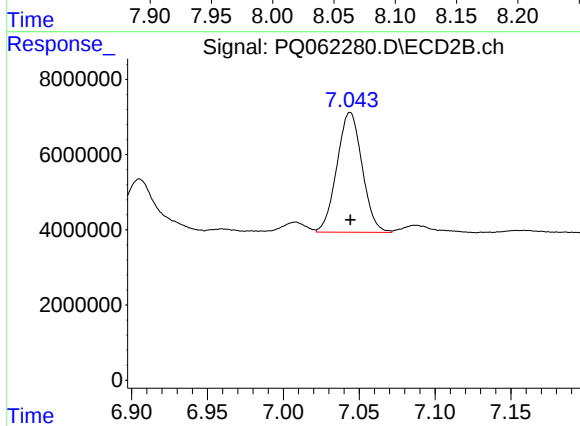
#43 AR-1268-3

R.T.: 6.750 min
Delta R.T.: -0.001 min
Response: 6596711
Conc: 17.91 ng/ml



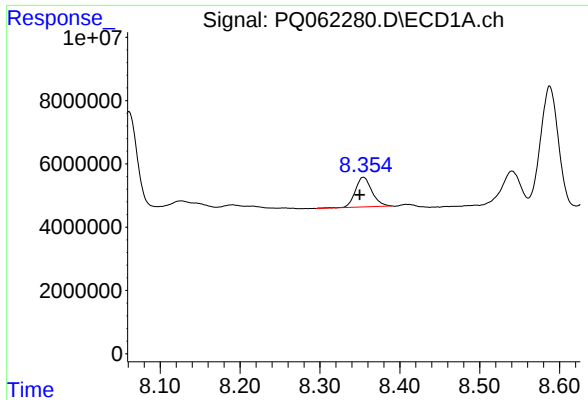
#44 AR-1268-4

R.T.: 8.061 min
Delta R.T.: 0.003 min
Response: 40629920
Conc: 222.04 ng/ml



#44 AR-1268-4

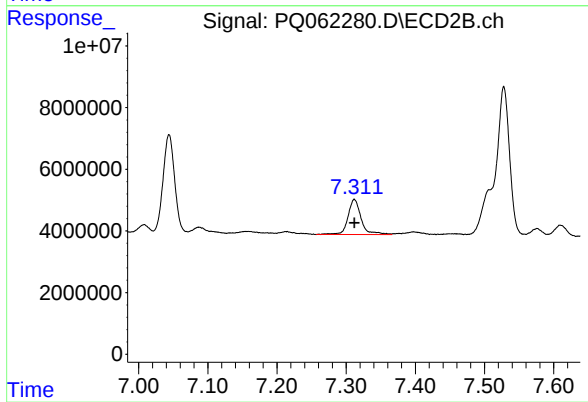
R.T.: 7.044 min
Delta R.T.: 0.000 min
Response: 36910034
Conc: 230.78 ng/ml



#45 AR-1268-5

R.T.: 8.354 min
Delta R.T.: 0.005 min
Response: 13643376
Conc: 10.82 ng/ml

Instrument :
ECD_D
ClientSampleId :



#45 AR-1268-5

R.T.: 7.312 min
Delta R.T.: 0.000 min
Response: 15019069
Conc: 12.87 ng/ml