

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ071223\
 Data File : PQ062146.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 12 Jul 2023 20:32
 Operator : YP\AJ
 Sample : 03567-27MSD
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 13 04:47:18 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	2.758	81006744	45210546	16.606	18.019
2)	SA Decachlor...	8.584	7.527	77578415	68159754	21.355	20.455
Target Compounds							
3)	L1 AR-1016-1	4.505	3.760	74021588	50832879	449.384	513.591
4)	L1 AR-1016-2	4.524	3.775	115.4E6	73840548	466.776	512.074
5)	L1 AR-1016-3	4.581	3.935	71730381	39228697	470.654	519.980
6)	L1 AR-1016-4	4.673	3.985	61533484	34536890	490.912	525.843
7)	L1 AR-1016-5	4.960	4.179	62364366	41683830	512.372	508.453
8)	L2 AR-1221-1	3.592	2.959	14418893	6873262	239.884	208.303
9)	L2 AR-1221-2	3.683	3.037	10081525	6431076	224.370	253.191
10)	L2 AR-1221-3	3.753	3.105	47541796	27791994	338.332	360.509
11)	L3 AR-1232-1	3.753	3.105	47541796	27791994	450.201	485.038
12)	L3 AR-1232-2	4.246	3.775	61897763	73840548	1046.434	1109.467
13)	L3 AR-1232-3	4.524	3.935	115.4E6	39228697	1020.678	1135.255
14)	L3 AR-1232-4	4.673	4.021	61533484	38184751	1085.890	1283.960
15)	L3 AR-1232-5	4.770	4.179	48491232	41683830	1210.767	1168.896
16)	L4 AR-1242-1	4.505	3.760	74021588	50832879	566.330	657.273
17)	L4 AR-1242-2	4.524	3.775	115.4E6	73840548	594.519	664.281
18)	L4 AR-1242-3	4.581	3.935	71730381	39228697	593.578	669.705
19)	L4 AR-1242-4	4.673	4.021	61533484	38184751	631.205	651.304
20)	L4 AR-1242-5	5.390	4.515	10503630	37605910	109.721	453.670 #
21)	L5 AR-1248-1	4.505	3.760	74021588	50832879	711.892	813.061
22)	L5 AR-1248-2	4.770	3.985	48491232	34536890	337.537	368.320
23)	L5 AR-1248-3	4.960	4.021	62364366	38184751	359.008	421.727
24)	L5 AR-1248-4	5.354	4.179	10468464	41683830	54.543	369.408 #
25)	L5 AR-1248-5	5.390	4.553	10503630	6241627	57.992	55.713
26)	L6 AR-1254-1	5.327	4.515	52898159	37605910	284.672	232.908
27)	L6 AR-1254-2	5.544	4.662	57833805	38585440	198.938	262.086 #
28)	L6 AR-1254-3	5.898	5.043	51293429	37291685	167.003	159.570
29)	L6 AR-1254-4	6.181	5.270	37875896	24345090	163.122	159.730
30)	L6 AR-1254-5	6.595	5.674	206.5E6	160.8E6	803.889	696.574
31)	L7 AR-1260-1	6.062	5.172	155.5E6	96593842	659.189	579.958
32)	L7 AR-1260-2	6.323	5.363	157.9E6	119.5E6	546.689	574.562
33)	L7 AR-1260-3	6.676	5.502	114.7E6	106.2E6	649.530	546.101
34)	L7 AR-1260-4	6.894	5.964	171.9E6	99490730	816.198	682.090
35)	L7 AR-1260-5	7.205	6.212	209.9E6	167.7E6	511.073	505.039
36)	L8 AR-1262-1	6.676	5.717	114.7E6	95433617	376.110	410.517
37)	L8 AR-1262-2	7.205	5.964	209.9E6	99490730	398.416	460.164
38)	L8 AR-1262-3	7.479	6.489	251.0E6	140.7E6	712.592	807.054
39)	L8 AR-1262-4	7.556	6.550	184.8E6	215.3E6	692.819	668.145
40)	L8 AR-1262-5	8.059	7.044	72409537	64103076	407.921	413.262
41)	L9 AR-1268-1	7.479	6.489	251.0E6	140.7E6	442.393	299.003 #

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 Misc :
 ALS Vial : 36 Sample Multiplier: 1

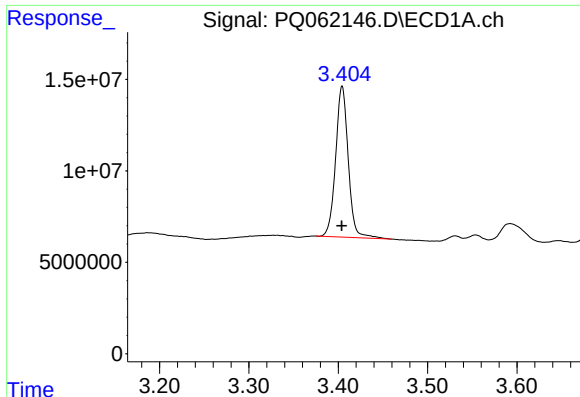
Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 13 04:47:18 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ070123.M
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 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	7.556	6.550	184.8E6	215.3E6	362.422	508.233 #
43) L9	AR-1268-3	7.737	6.751	84773049	73794788	198.637	200.355
44) L9	AR-1268-4	8.059	7.044	72409537	64103076	395.713	400.804
45) L9	AR-1268-5	8.350	7.311	236.9E6	216.9E6	187.925	185.864

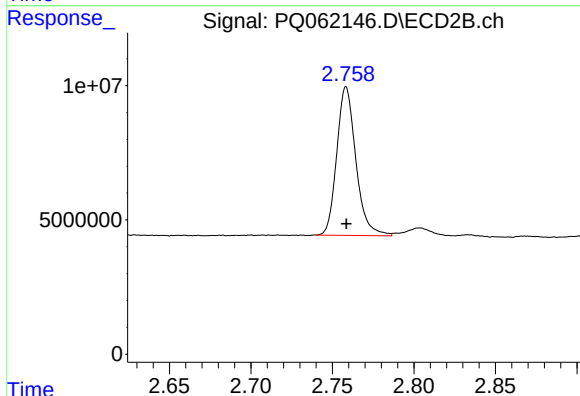
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

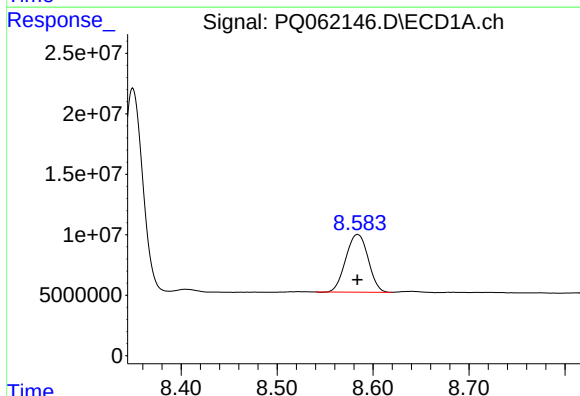
R.T.: 3.404 min
Delta R.T.: 0.000 min
Response: 81006744
Conc: 16.61 ng/ml

Instrument :
ECD_Q
ClientSampleId :



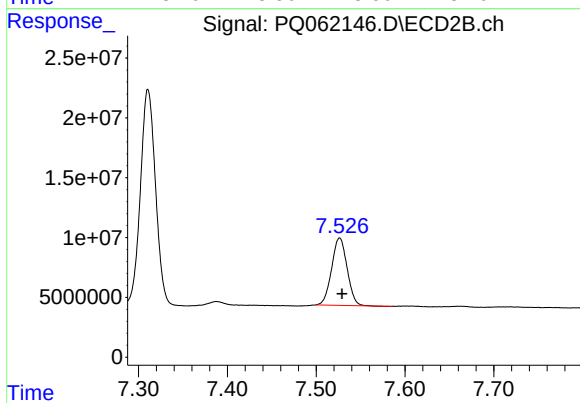
#1 Tetrachloro-m-xylene

R.T.: 2.758 min
Delta R.T.: 0.000 min
Response: 45210546
Conc: 18.02 ng/ml



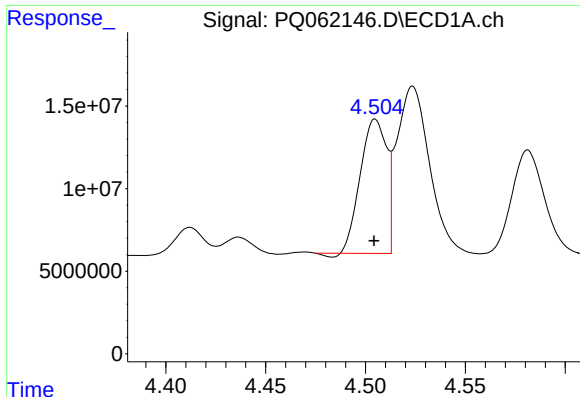
#2 Decachlorobiphenyl

R.T.: 8.584 min
Delta R.T.: 0.000 min
Response: 77578415
Conc: 21.36 ng/ml



#2 Decachlorobiphenyl

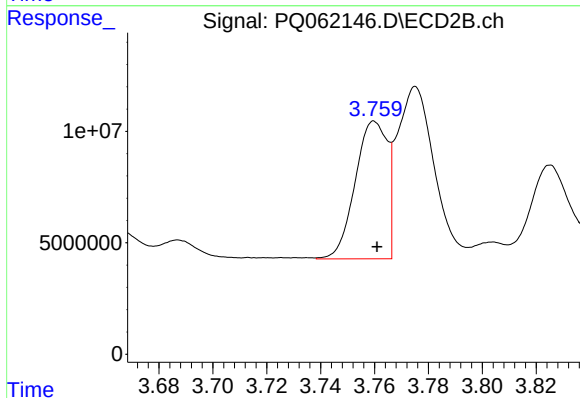
R.T.: 7.527 min
Delta R.T.: -0.003 min
Response: 68159754
Conc: 20.46 ng/ml



#3 AR-1016-1

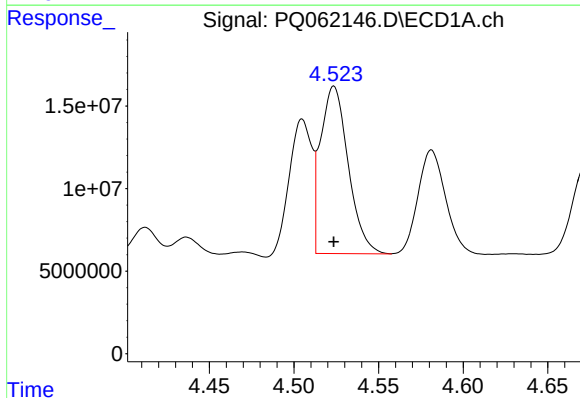
R.T.: 4.505 min
Delta R.T.: 0.000 min
Response: 74021588
Conc: 449.38 ng/ml

Instrument :
ECD_Q
ClientSampleId :



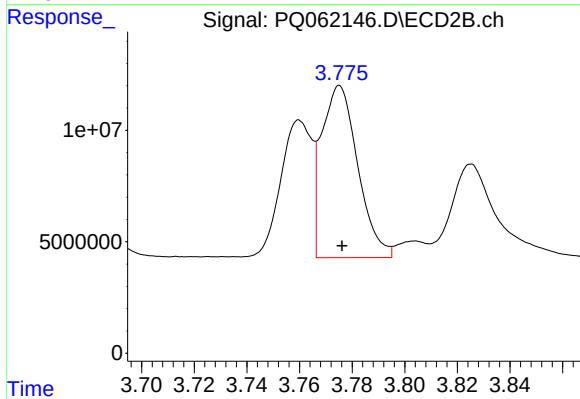
#3 AR-1016-1

R.T.: 3.760 min
Delta R.T.: 0.000 min
Response: 50832879
Conc: 513.59 ng/ml



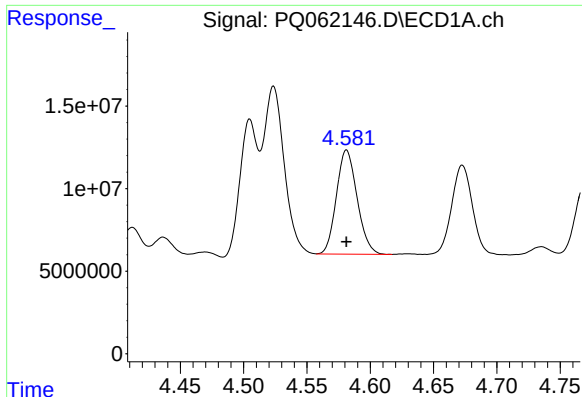
#4 AR-1016-2

R.T.: 4.524 min
Delta R.T.: 0.000 min
Response: 115418901
Conc: 466.78 ng/ml



#4 AR-1016-2

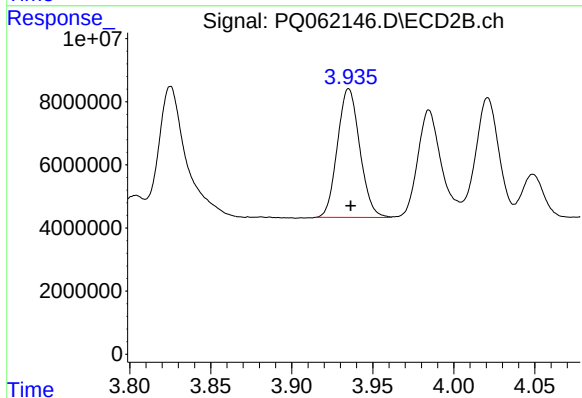
R.T.: 3.775 min
Delta R.T.: 0.000 min
Response: 73840548
Conc: 512.07 ng/ml



#5 AR-1016-3

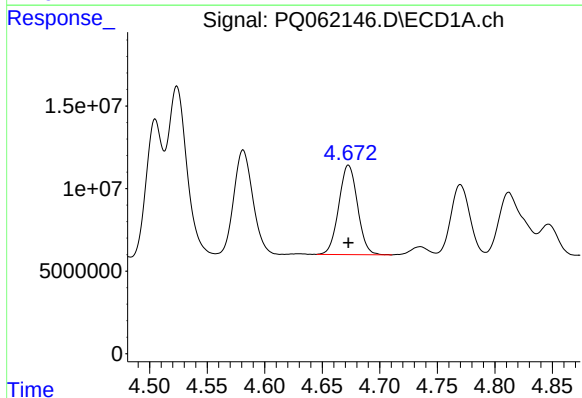
R.T.: 4.581 min
Delta R.T.: 0.000 min
Response: 71730381
Conc: 470.65 ng/ml

Instrument :
ECD_Q
ClientSampleId :



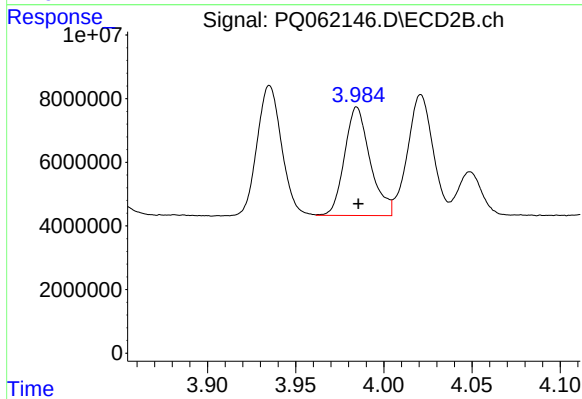
#5 AR-1016-3

R.T.: 3.935 min
Delta R.T.: -0.001 min
Response: 39228697
Conc: 519.98 ng/ml



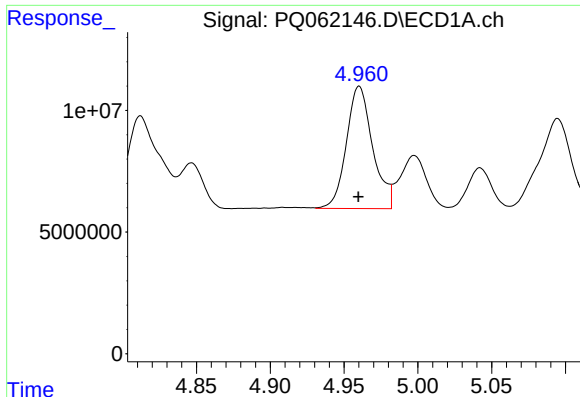
#6 AR-1016-4

R.T.: 4.673 min
Delta R.T.: 0.000 min
Response: 61533484
Conc: 490.91 ng/ml



#6 AR-1016-4

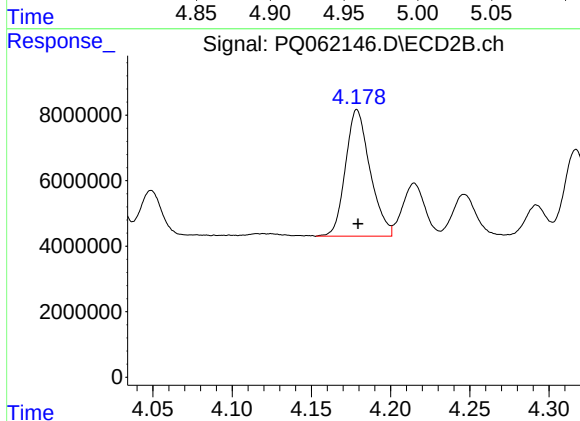
R.T.: 3.985 min
Delta R.T.: 0.000 min
Response: 34536890
Conc: 525.84 ng/ml



#7 AR-1016-5

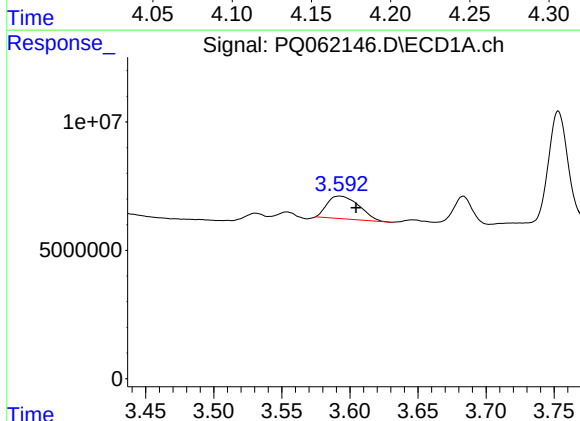
R.T.: 4.960 min
Delta R.T.: 0.000 min
Response: 62364366
Conc: 512.37 ng/ml

Instrument :
ECD_Q
ClientSampleId :



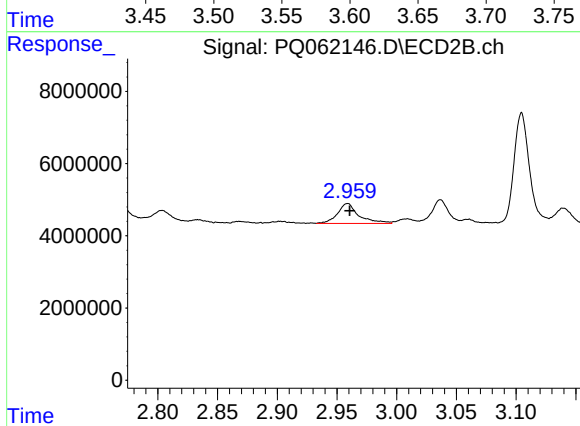
#7 AR-1016-5

R.T.: 4.179 min
Delta R.T.: 0.000 min
Response: 41683830
Conc: 508.45 ng/ml



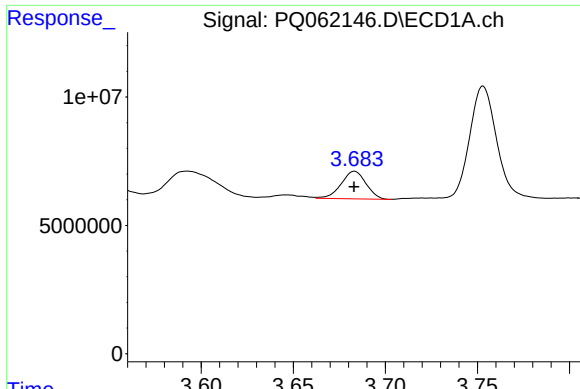
#8 AR-1221-1

R.T.: 3.592 min
Delta R.T.: -0.012 min
Response: 14418893
Conc: 239.88 ng/ml



#8 AR-1221-1

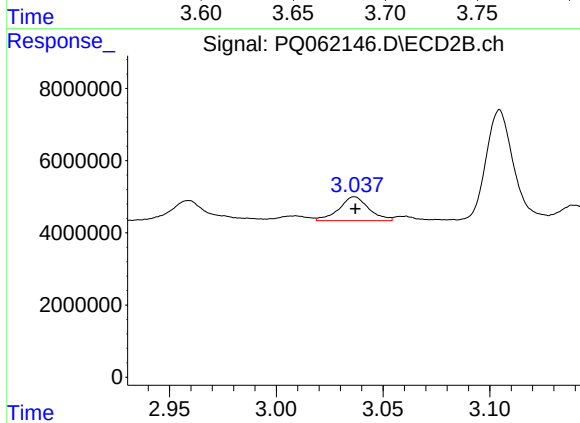
R.T.: 2.959 min
Delta R.T.: -0.002 min
Response: 6873262
Conc: 208.30 ng/ml



#9 AR-1221-2

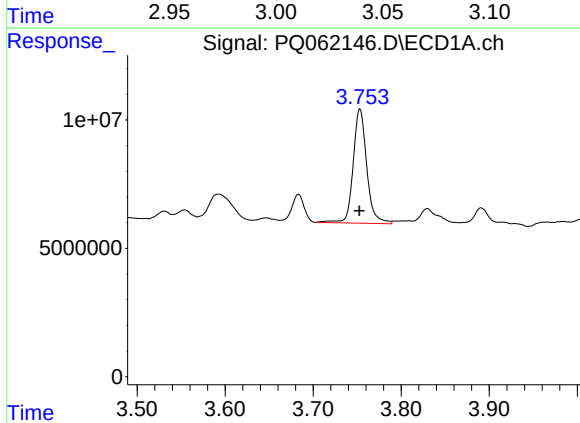
R.T.: 3.683 min
Delta R.T.: 0.000 min
Response: 10081525
Conc: 224.37 ng/ml

Instrument :
ECD_Q
ClientSampleId :



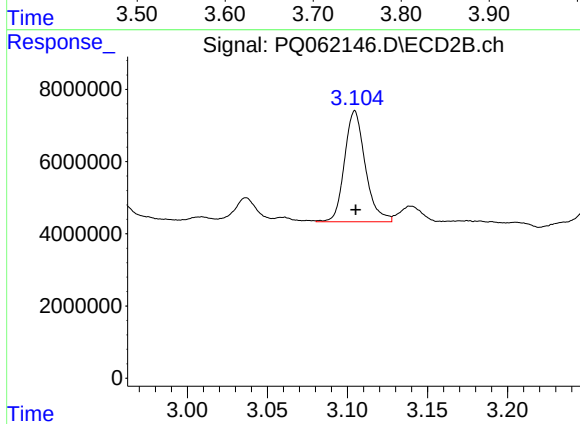
#9 AR-1221-2

R.T.: 3.037 min
Delta R.T.: 0.000 min
Response: 6431076
Conc: 253.19 ng/ml



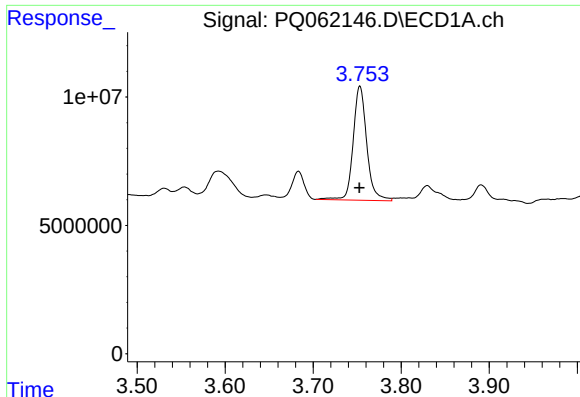
#10 AR-1221-3

R.T.: 3.753 min
Delta R.T.: 0.000 min
Response: 47541796
Conc: 338.33 ng/ml



#10 AR-1221-3

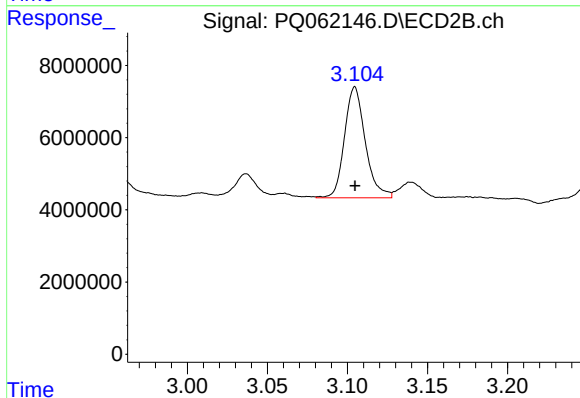
R.T.: 3.105 min
Delta R.T.: 0.000 min
Response: 27791994
Conc: 360.51 ng/ml



#11 AR-1232-1

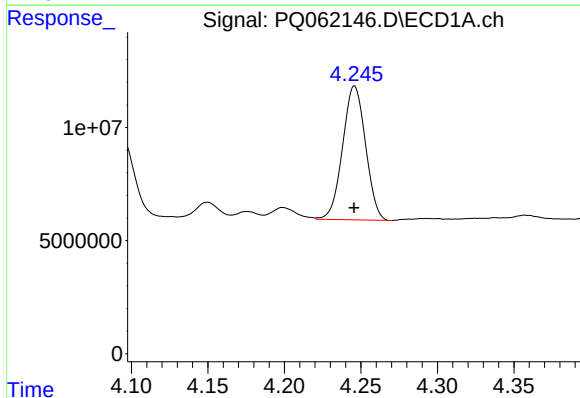
R.T.: 3.753 min
Delta R.T.: 0.000 min
Response: 47541796
Conc: 450.20 ng/ml

Instrument :
ECD_Q
ClientSampleId :



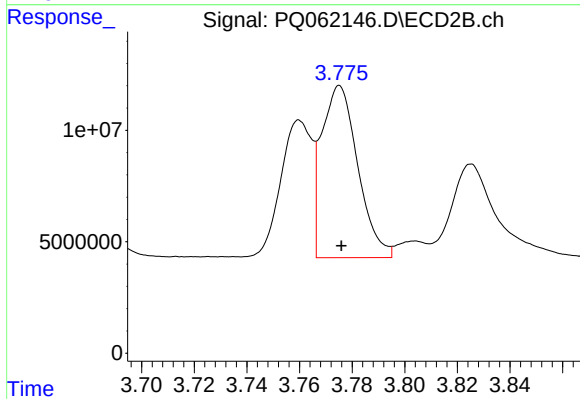
#11 AR-1232-1

R.T.: 3.105 min
Delta R.T.: 0.000 min
Response: 27791994
Conc: 485.04 ng/ml



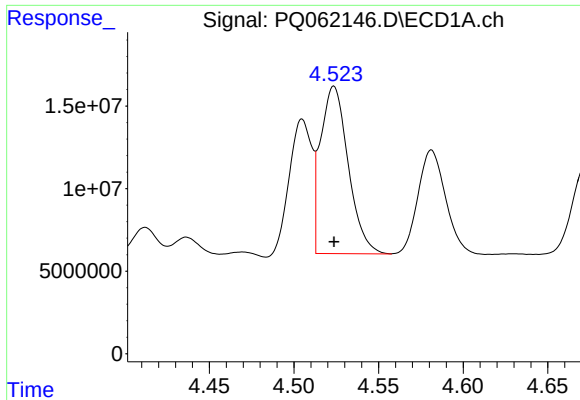
#12 AR-1232-2

R.T.: 4.246 min
Delta R.T.: 0.000 min
Response: 61897763
Conc: 1046.43 ng/ml



#12 AR-1232-2

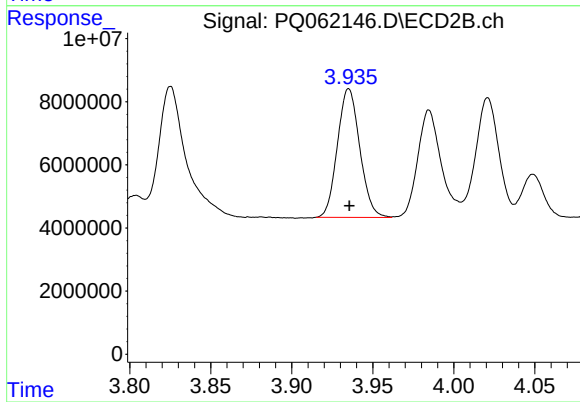
R.T.: 3.775 min
Delta R.T.: 0.000 min
Response: 73840548
Conc: 1109.47 ng/ml



#13 AR-1232-3

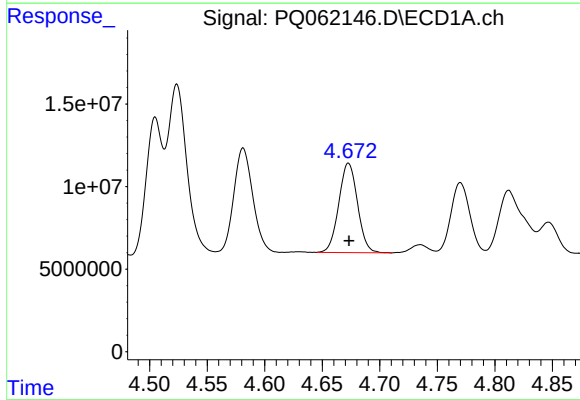
R.T.: 4.524 min
Delta R.T.: 0.000 min
Response: 115418901
Conc: 1020.68 ng/ml

Instrument :
ECD_Q
ClientSampleId :



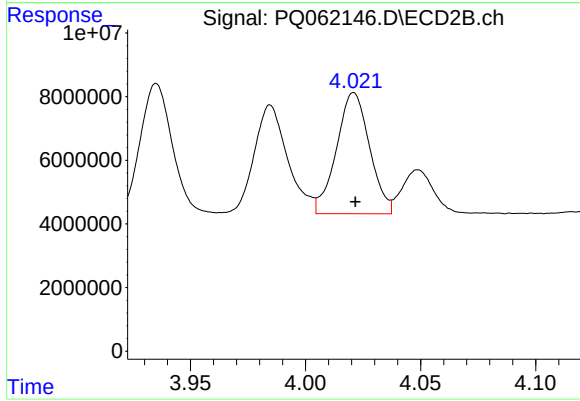
#13 AR-1232-3

R.T.: 3.935 min
Delta R.T.: 0.000 min
Response: 39228697
Conc: 1135.25 ng/ml



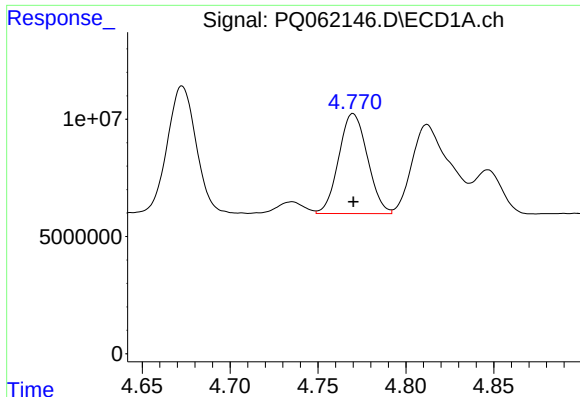
#14 AR-1232-4

R.T.: 4.673 min
Delta R.T.: 0.000 min
Response: 61533484
Conc: 1085.89 ng/ml



#14 AR-1232-4

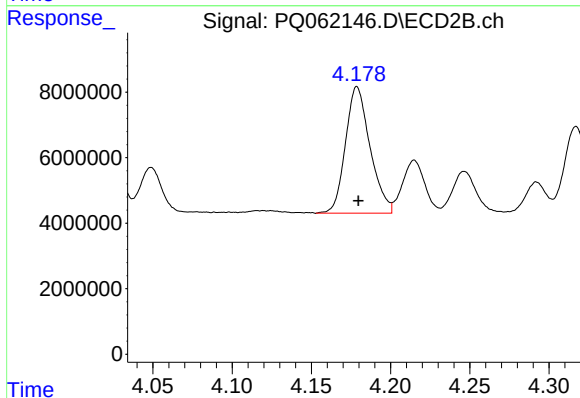
R.T.: 4.021 min
Delta R.T.: 0.000 min
Response: 38184751
Conc: 1283.96 ng/ml



#15 AR-1232-5

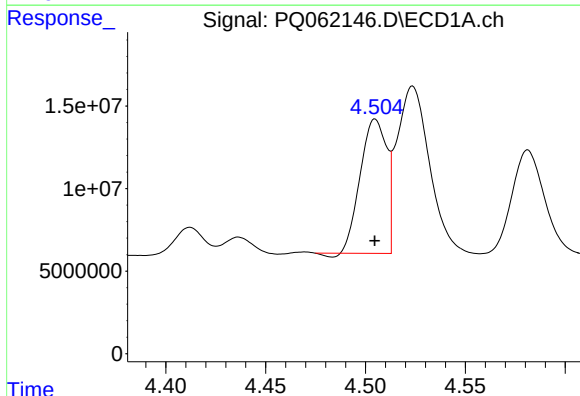
R.T.: 4.770 min
Delta R.T.: 0.000 min
Response: 48491232
Conc: 1210.77 ng/ml

Instrument :
ECD_Q
ClientSampleId :



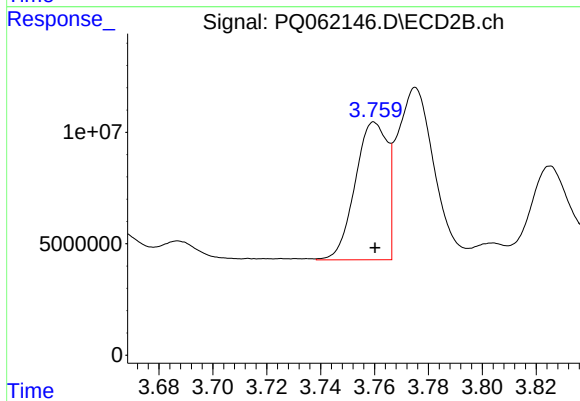
#15 AR-1232-5

R.T.: 4.179 min
Delta R.T.: 0.000 min
Response: 41683830
Conc: 1168.90 ng/ml



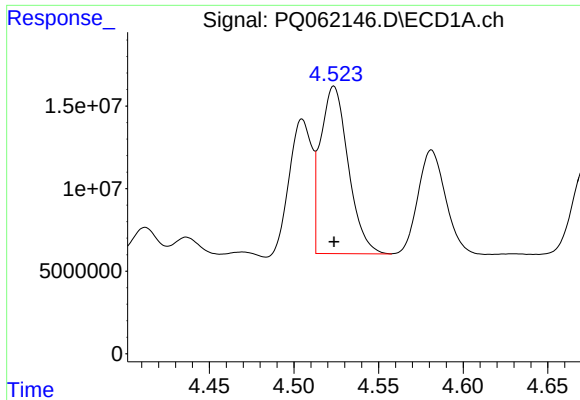
#16 AR-1242-1

R.T.: 4.505 min
Delta R.T.: 0.000 min
Response: 74021588
Conc: 566.33 ng/ml



#16 AR-1242-1

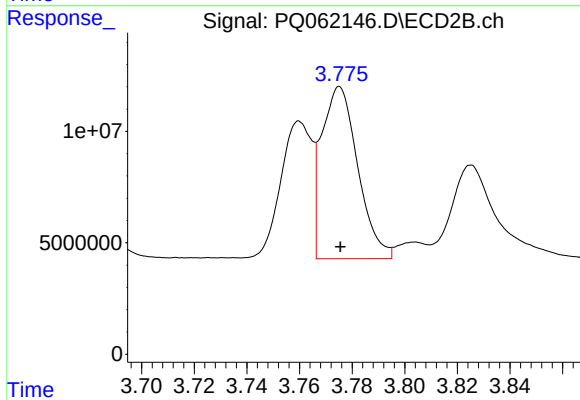
R.T.: 3.760 min
Delta R.T.: 0.000 min
Response: 50832879
Conc: 657.27 ng/ml



#17 AR-1242-2

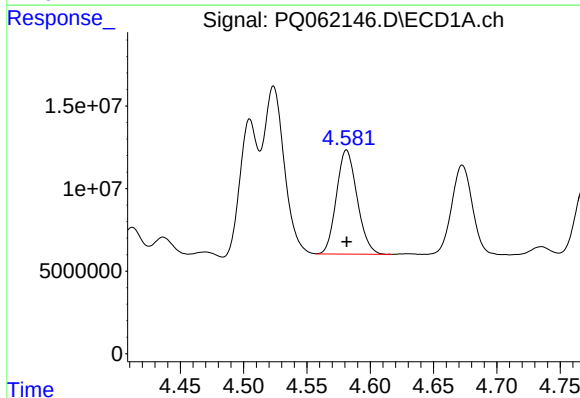
R.T.: 4.524 min
Delta R.T.: 0.000 min
Response: 115418901
Conc: 594.52 ng/ml

Instrument :
ECD_Q
ClientSampleId :



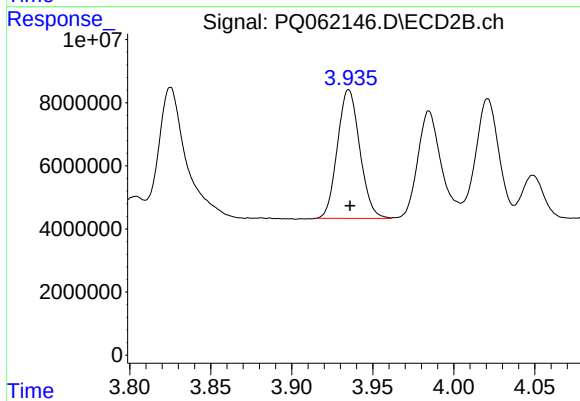
#17 AR-1242-2

R.T.: 3.775 min
Delta R.T.: 0.000 min
Response: 73840548
Conc: 664.28 ng/ml



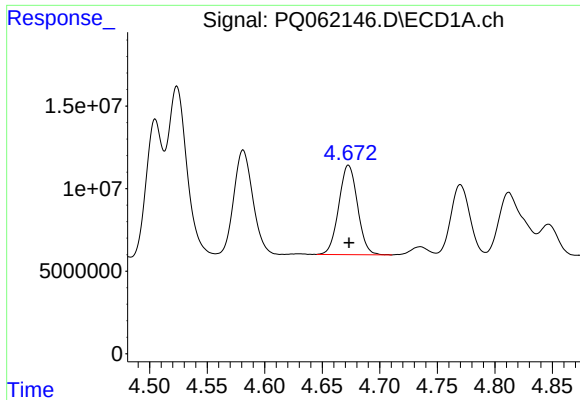
#18 AR-1242-3

R.T.: 4.581 min
Delta R.T.: 0.000 min
Response: 71730381
Conc: 593.58 ng/ml



#18 AR-1242-3

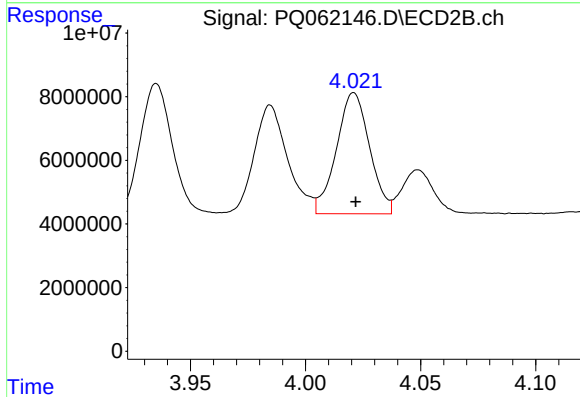
R.T.: 3.935 min
Delta R.T.: 0.000 min
Response: 39228697
Conc: 669.71 ng/ml



#19 AR-1242-4

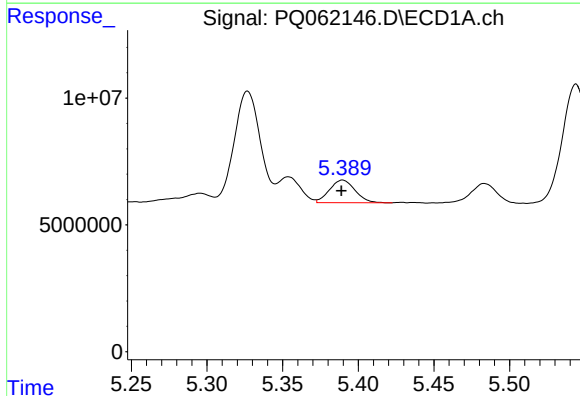
R.T.: 4.673 min
Delta R.T.: 0.000 min
Response: 61533484
Conc: 631.20 ng/ml

Instrument :
ECD_Q
ClientSampleId :



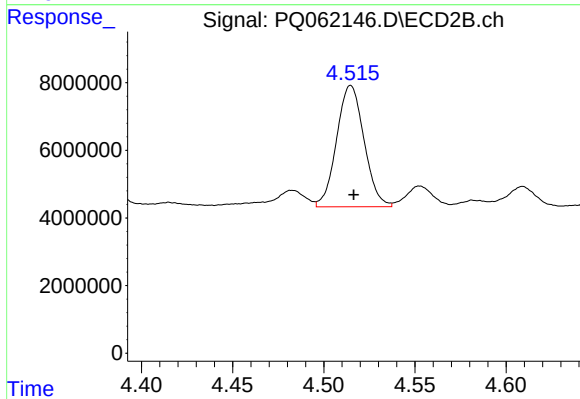
#19 AR-1242-4

R.T.: 4.021 min
Delta R.T.: 0.000 min
Response: 38184751
Conc: 651.30 ng/ml



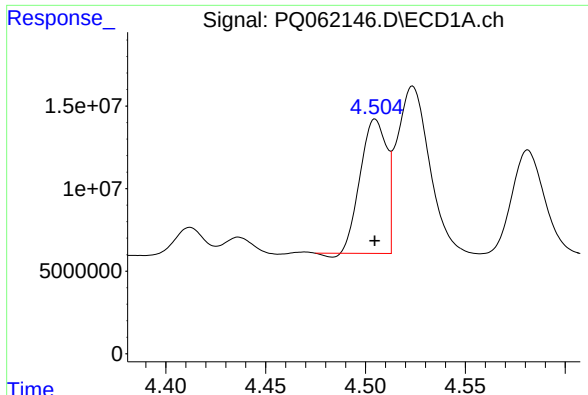
#20 AR-1242-5

R.T.: 5.390 min
Delta R.T.: 0.000 min
Response: 10503630
Conc: 109.72 ng/ml



#20 AR-1242-5

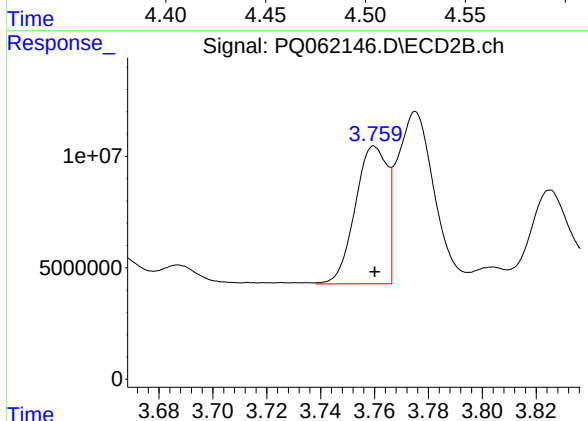
R.T.: 4.515 min
Delta R.T.: -0.002 min
Response: 37605910
Conc: 453.67 ng/ml



#21 AR-1248-1

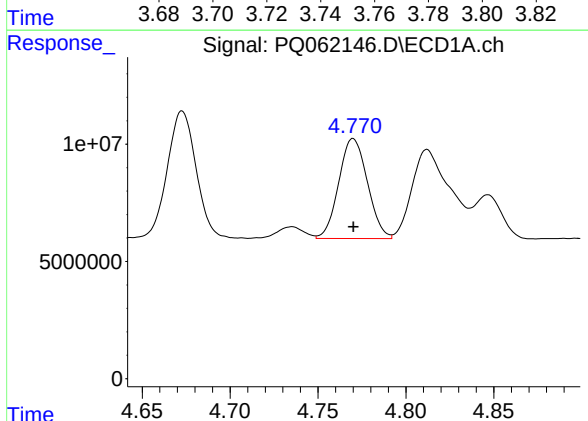
R.T.: 4.505 min
Delta R.T.: 0.000 min
Response: 74021588
Conc: 711.89 ng/ml

Instrument :
ECD_Q
ClientSampleId :



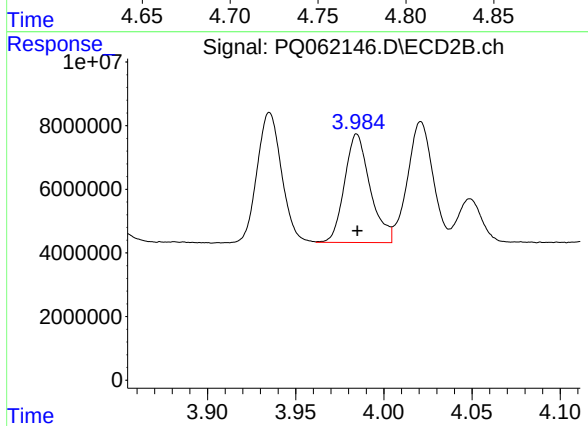
#21 AR-1248-1

R.T.: 3.760 min
Delta R.T.: 0.000 min
Response: 50832879
Conc: 813.06 ng/ml



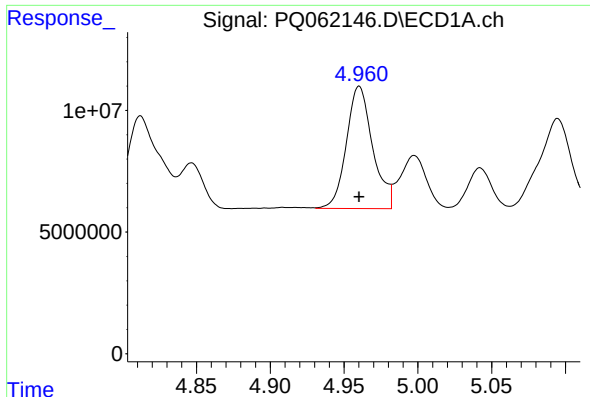
#22 AR-1248-2

R.T.: 4.770 min
Delta R.T.: 0.000 min
Response: 48491232
Conc: 337.54 ng/ml



#22 AR-1248-2

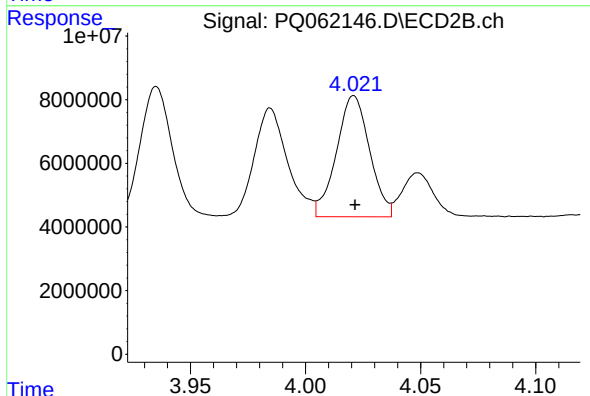
R.T.: 3.985 min
Delta R.T.: 0.000 min
Response: 34536890
Conc: 368.32 ng/ml



#23 AR-1248-3

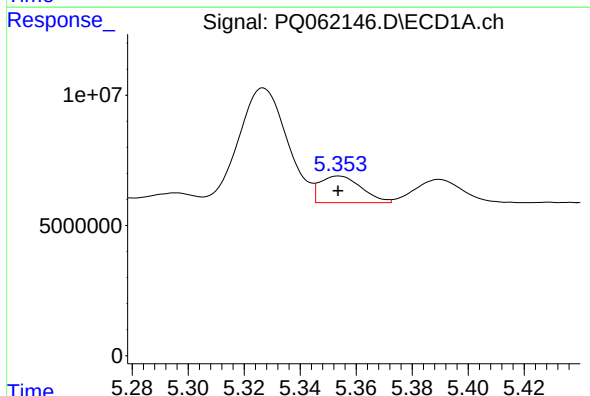
R.T.: 4.960 min
Delta R.T.: 0.000 min
Response: 62364366
Conc: 359.01 ng/ml

Instrument :
ECD_Q
ClientSampleId :



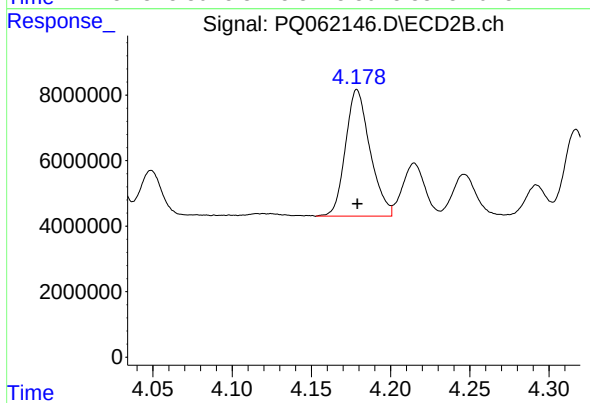
#23 AR-1248-3

R.T.: 4.021 min
Delta R.T.: 0.000 min
Response: 38184751
Conc: 421.73 ng/ml



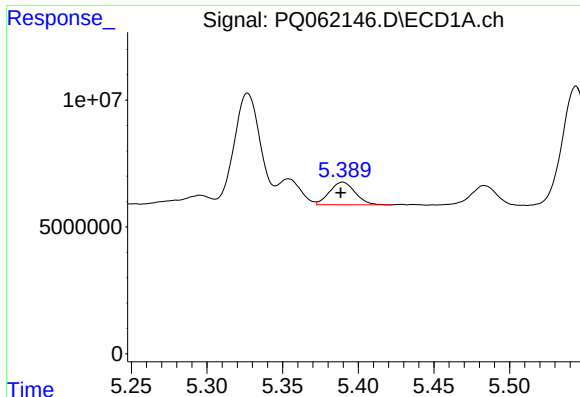
#24 AR-1248-4

R.T.: 5.354 min
Delta R.T.: 0.000 min
Response: 10468464
Conc: 54.54 ng/ml



#24 AR-1248-4

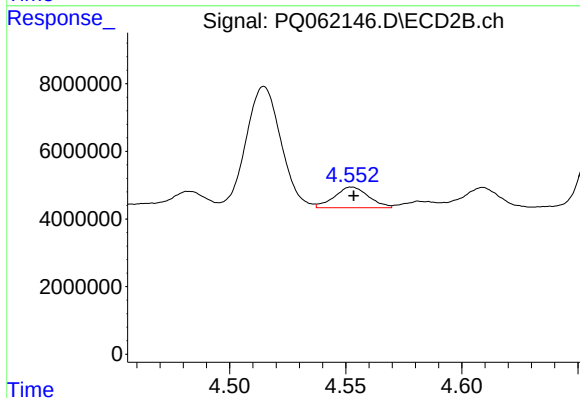
R.T.: 4.179 min
Delta R.T.: 0.000 min
Response: 41683830
Conc: 369.41 ng/ml



#25 AR-1248-5

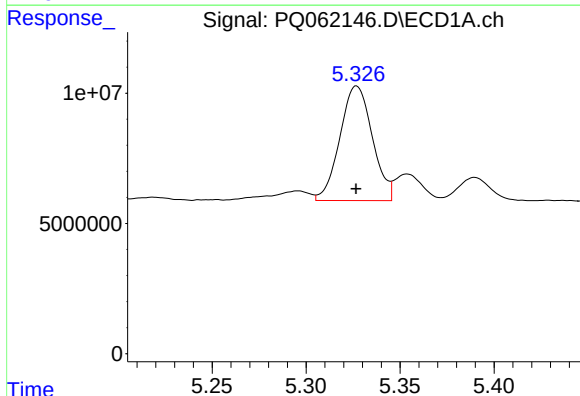
R.T.: 5.390 min
Delta R.T.: 0.001 min
Response: 10503630
Conc: 57.99 ng/ml

Instrument :
ECD_Q
ClientSampleId :



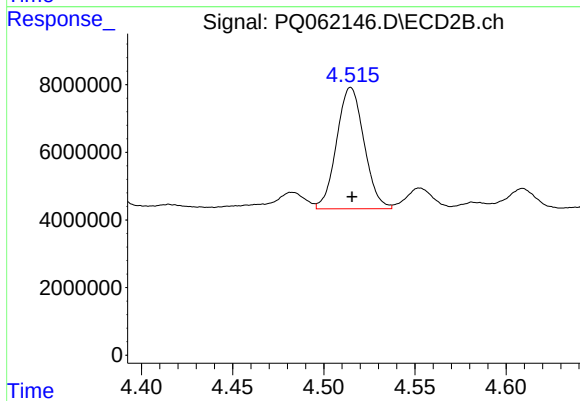
#25 AR-1248-5

R.T.: 4.553 min
Delta R.T.: 0.000 min
Response: 6241627
Conc: 55.71 ng/ml



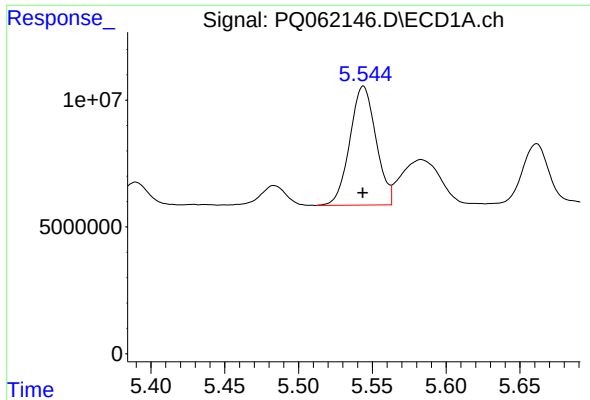
#26 AR-1254-1

R.T.: 5.327 min
Delta R.T.: 0.000 min
Response: 52898159
Conc: 284.67 ng/ml



#26 AR-1254-1

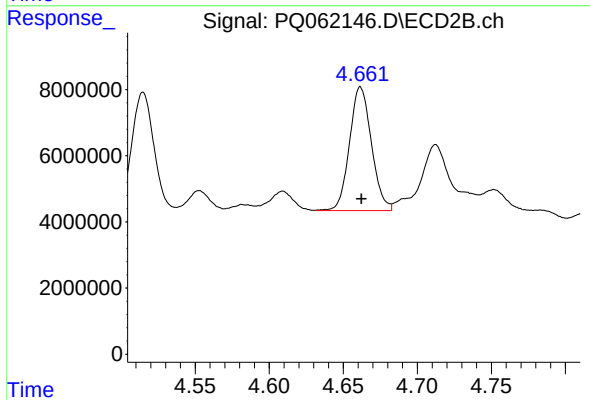
R.T.: 4.515 min
Delta R.T.: 0.000 min
Response: 37605910
Conc: 232.91 ng/ml



#27 AR-1254-2

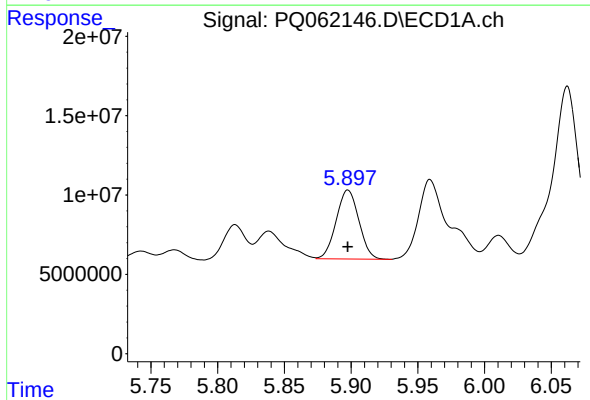
R.T.: 5.544 min
Delta R.T.: 0.000 min
Response: 57833805
Conc: 198.94 ng/ml

Instrument :
ECD_Q
ClientSampleId :



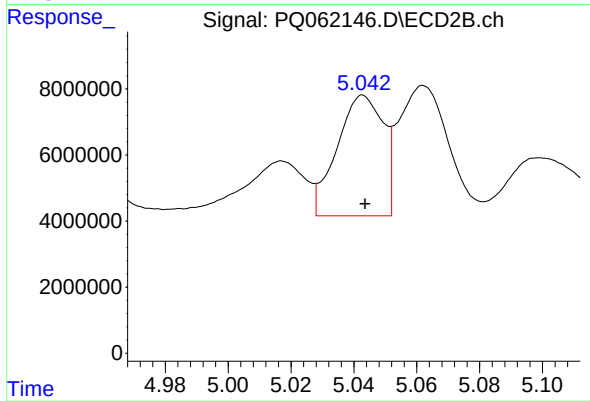
#27 AR-1254-2

R.T.: 4.662 min
Delta R.T.: 0.000 min
Response: 38585440
Conc: 262.09 ng/ml



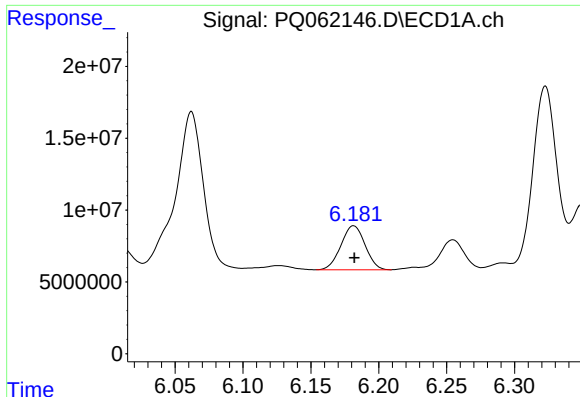
#28 AR-1254-3

R.T.: 5.898 min
Delta R.T.: 0.000 min
Response: 51293429
Conc: 167.00 ng/ml



#28 AR-1254-3

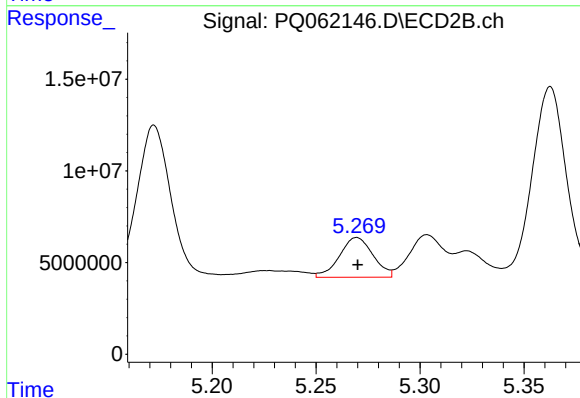
R.T.: 5.043 min
Delta R.T.: 0.000 min
Response: 37291685
Conc: 159.57 ng/ml



#29 AR-1254-4

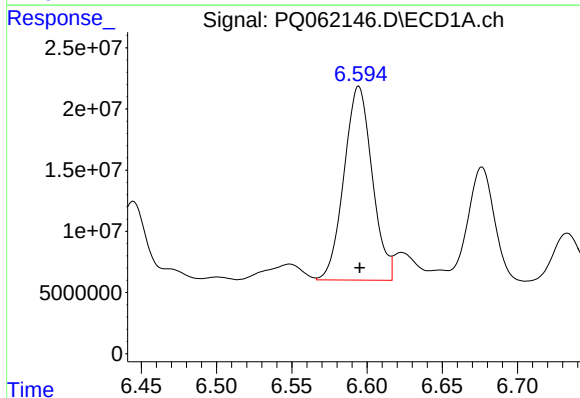
R.T.: 6.181 min
Delta R.T.: 0.000 min
Response: 37875896
Conc: 163.12 ng/ml

Instrument :
ECD_Q
ClientSampleId :



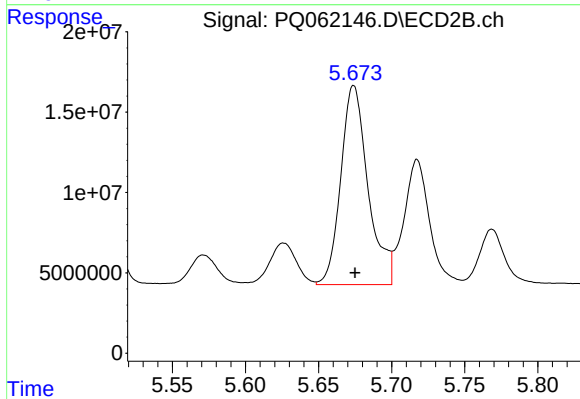
#29 AR-1254-4

R.T.: 5.270 min
Delta R.T.: 0.000 min
Response: 24345090
Conc: 159.73 ng/ml



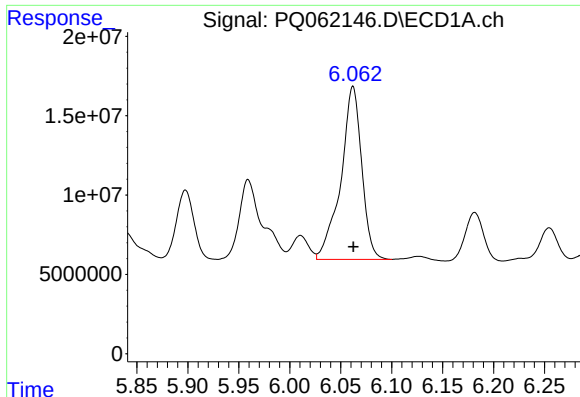
#30 AR-1254-5

R.T.: 6.595 min
Delta R.T.: 0.000 min
Response: 206495020
Conc: 803.89 ng/ml



#30 AR-1254-5

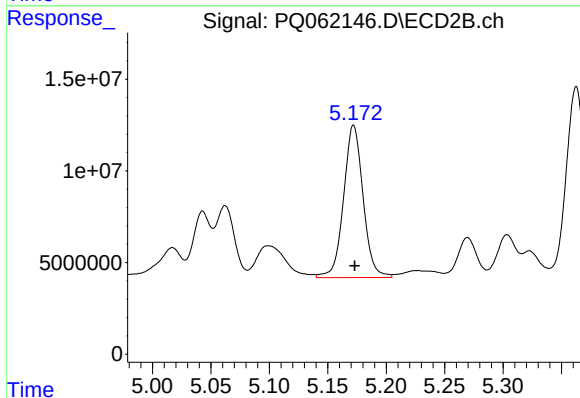
R.T.: 5.674 min
Delta R.T.: 0.000 min
Response: 160766766
Conc: 696.57 ng/ml



#31 AR-1260-1

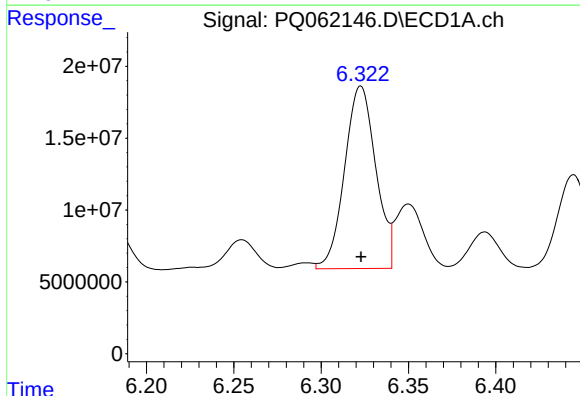
R.T.: 6.062 min
Delta R.T.: 0.000 min
Response: 155523611
Conc: 659.19 ng/ml

Instrument :
ECD_Q
ClientSampleId :



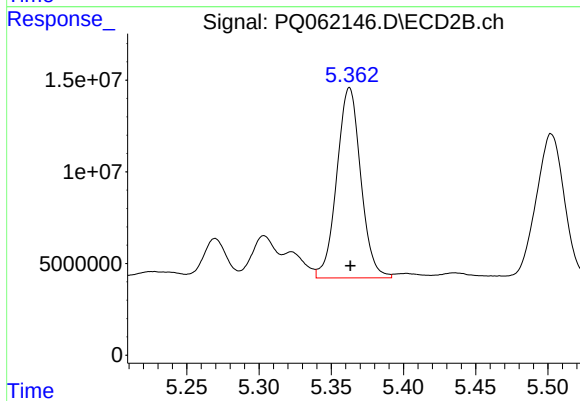
#31 AR-1260-1

R.T.: 5.172 min
Delta R.T.: -0.001 min
Response: 96593842
Conc: 579.96 ng/ml



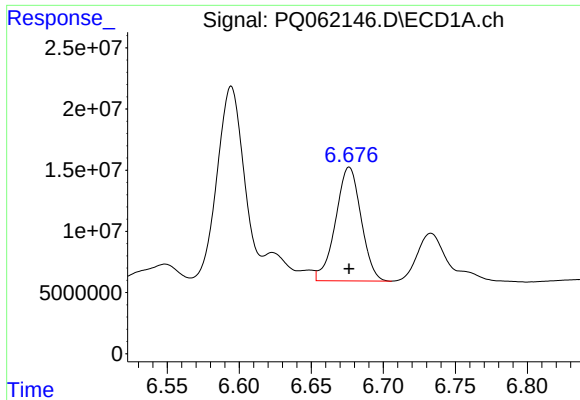
#32 AR-1260-2

R.T.: 6.323 min
Delta R.T.: 0.000 min
Response: 157890619
Conc: 546.69 ng/ml



#32 AR-1260-2

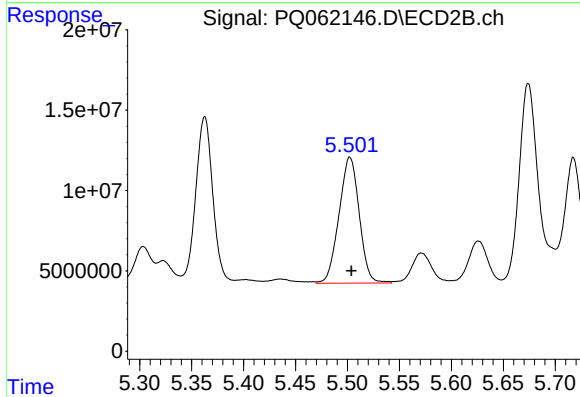
R.T.: 5.363 min
Delta R.T.: 0.000 min
Response: 119477929
Conc: 574.56 ng/ml



#33 AR-1260-3

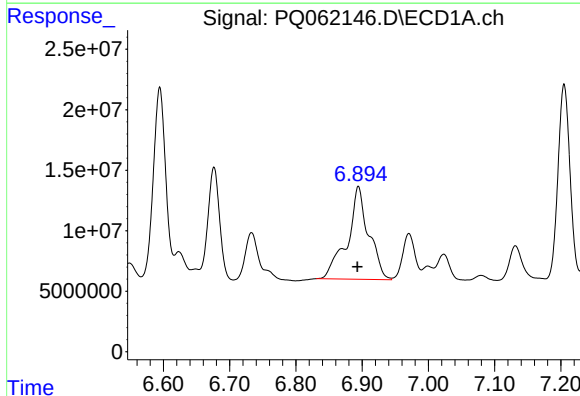
R.T.: 6.676 min
Delta R.T.: 0.000 min
Response: 114691610
Conc: 649.53 ng/ml

Instrument :
ECD_Q
ClientSampleId :



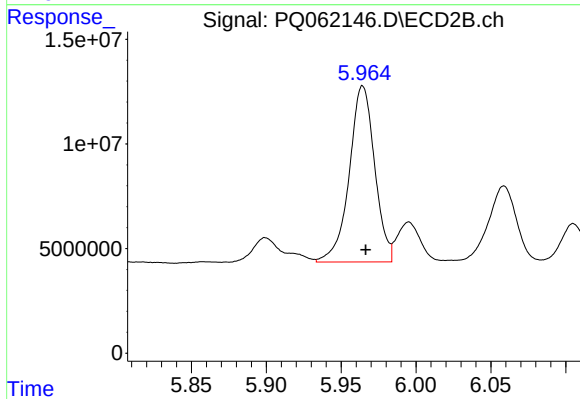
#33 AR-1260-3

R.T.: 5.502 min
Delta R.T.: -0.001 min
Response: 106248648
Conc: 546.10 ng/ml



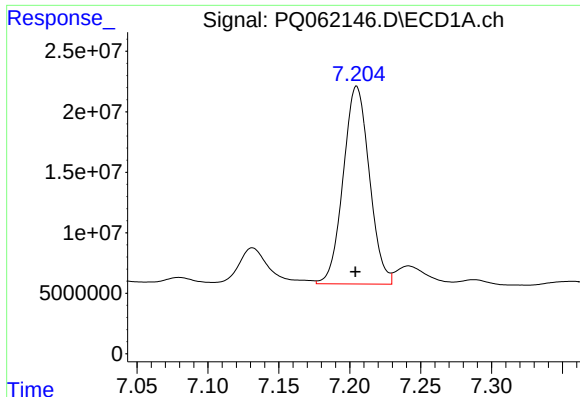
#34 AR-1260-4

R.T.: 6.894 min
Delta R.T.: 0.001 min
Response: 171931817
Conc: 816.20 ng/ml



#34 AR-1260-4

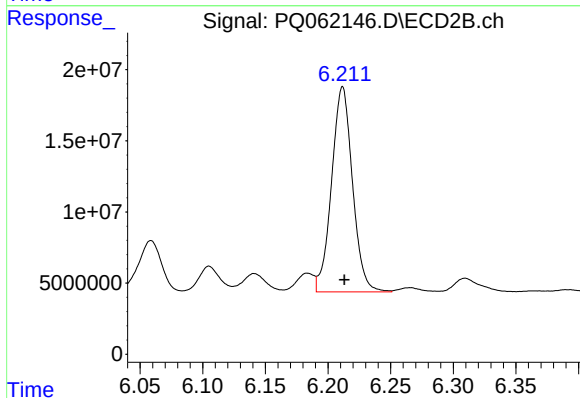
R.T.: 5.964 min
Delta R.T.: -0.002 min
Response: 99490730
Conc: 682.09 ng/ml



#35 AR-1260-5

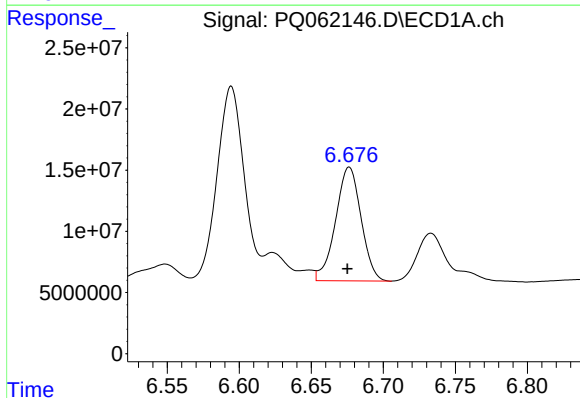
R.T.: 7.205 min
Delta R.T.: 0.000 min
Response: 209851150
Conc: 511.07 ng/ml

Instrument :
ECD_Q
ClientSampleId :



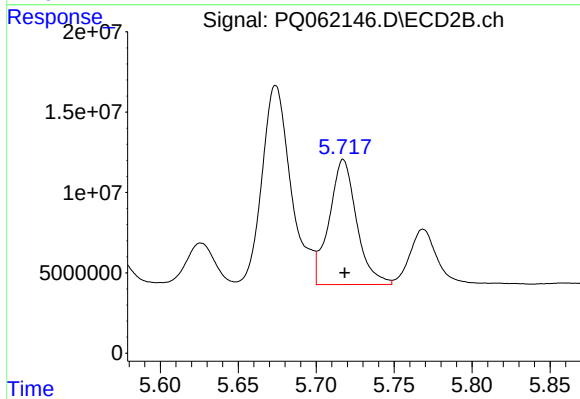
#35 AR-1260-5

R.T.: 6.212 min
Delta R.T.: -0.001 min
Response: 167702609
Conc: 505.04 ng/ml



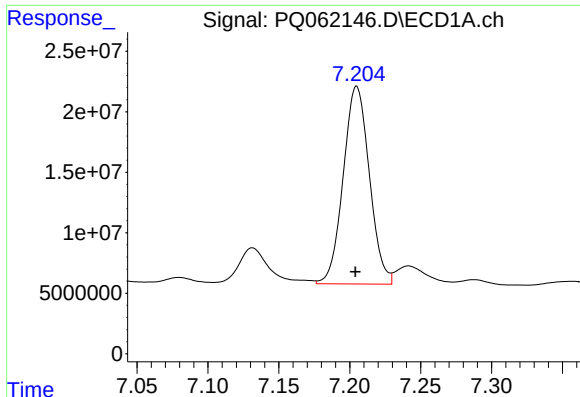
#36 AR-1262-1

R.T.: 6.676 min
Delta R.T.: 0.001 min
Response: 114691610
Conc: 376.11 ng/ml



#36 AR-1262-1

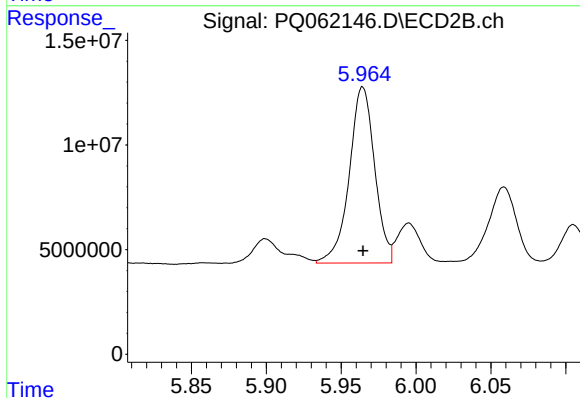
R.T.: 5.717 min
Delta R.T.: 0.000 min
Response: 95433617
Conc: 410.52 ng/ml



#37 AR-1262-2

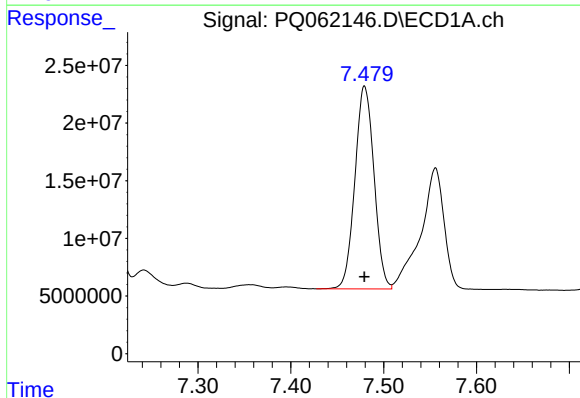
R.T.: 7.205 min
Delta R.T.: 0.000 min
Response: 209851150
Conc: 398.42 ng/ml

Instrument :
ECD_Q
ClientSampleId :



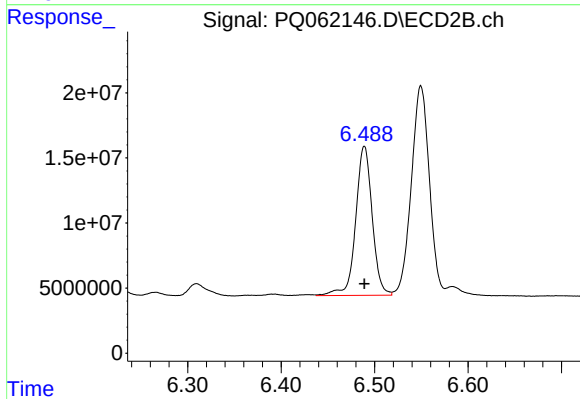
#37 AR-1262-2

R.T.: 5.964 min
Delta R.T.: 0.000 min
Response: 99490730
Conc: 460.16 ng/ml



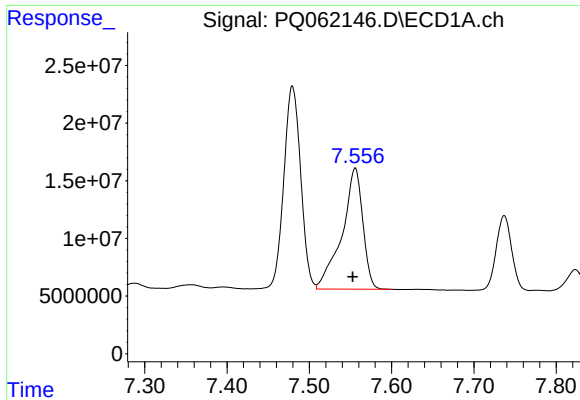
#38 AR-1262-3

R.T.: 7.479 min
Delta R.T.: 0.000 min
Response: 251048421
Conc: 712.59 ng/ml



#38 AR-1262-3

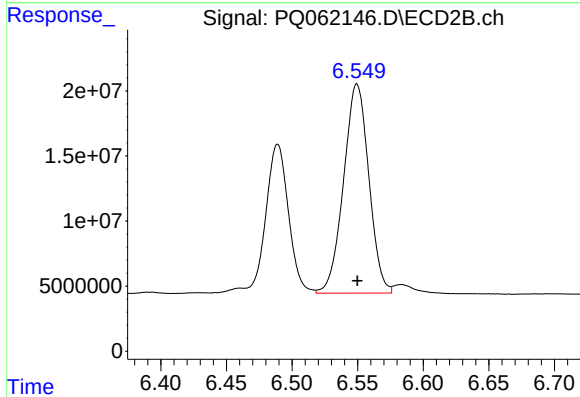
R.T.: 6.489 min
Delta R.T.: 0.000 min
Response: 140691874
Conc: 807.05 ng/ml



#39 AR-1262-4

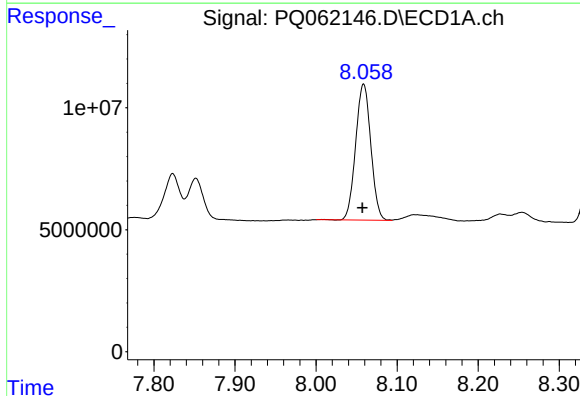
R.T.: 7.556 min
Delta R.T.: 0.003 min
Response: 184788925
Conc: 692.82 ng/ml

Instrument :
ECD_Q
ClientSampleId :



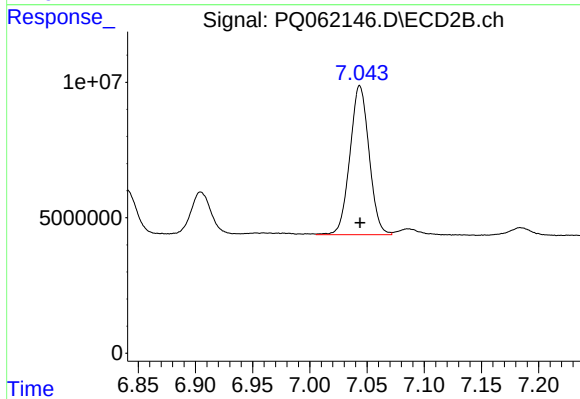
#39 AR-1262-4

R.T.: 6.550 min
Delta R.T.: 0.000 min
Response: 215339367
Conc: 668.15 ng/ml



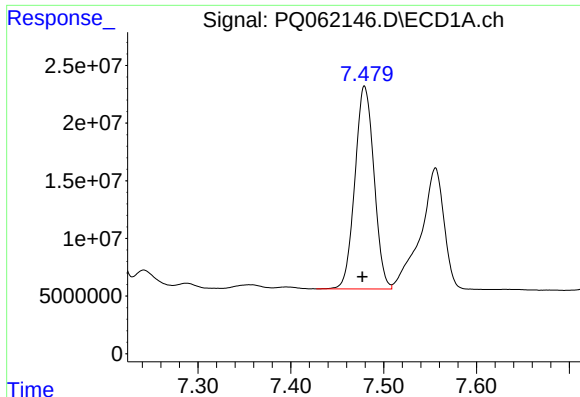
#40 AR-1262-5

R.T.: 8.059 min
Delta R.T.: 0.001 min
Response: 72409537
Conc: 407.92 ng/ml



#40 AR-1262-5

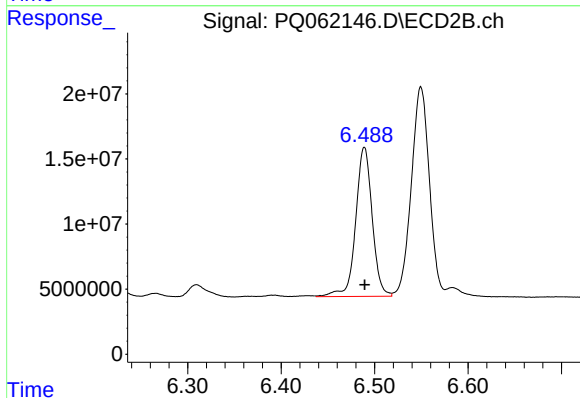
R.T.: 7.044 min
Delta R.T.: 0.000 min
Response: 64103076
Conc: 413.26 ng/ml



#41 AR-1268-1

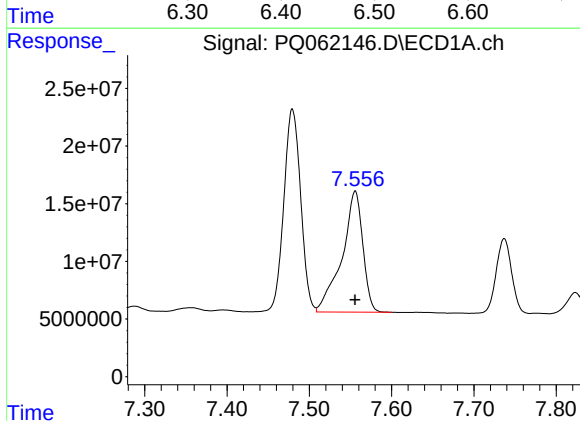
R.T.: 7.479 min
Delta R.T.: 0.002 min
Response: 251048421
Conc: 442.39 ng/ml

Instrument :
ECD_Q
ClientSampleId :



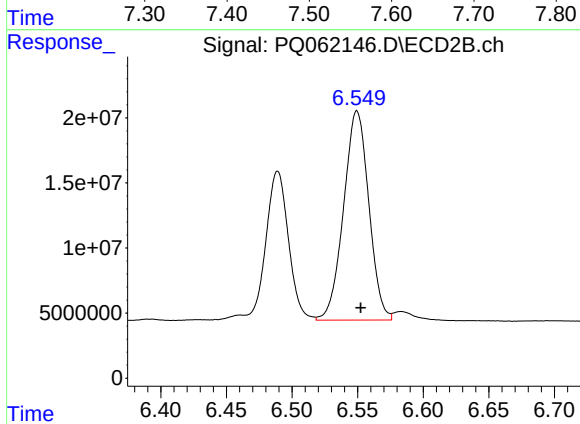
#41 AR-1268-1

R.T.: 6.489 min
Delta R.T.: 0.000 min
Response: 140691874
Conc: 299.00 ng/ml



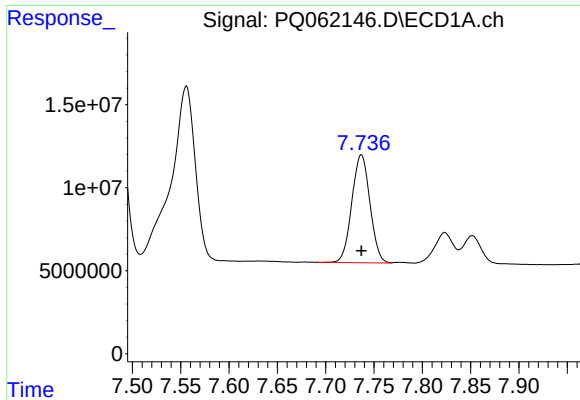
#42 AR-1268-2

R.T.: 7.556 min
Delta R.T.: 0.000 min
Response: 184788925
Conc: 362.42 ng/ml



#42 AR-1268-2

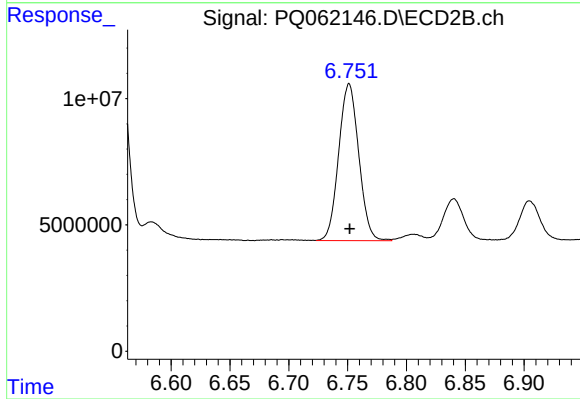
R.T.: 6.550 min
Delta R.T.: -0.003 min
Response: 215339367
Conc: 508.23 ng/ml



#43 AR-1268-3

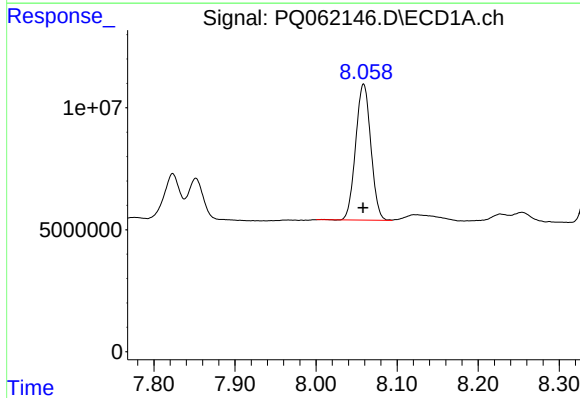
R.T.: 7.737 min
Delta R.T.: 0.000 min
Response: 84773049
Conc: 198.64 ng/ml

Instrument :
ECD_Q
ClientSampleId :



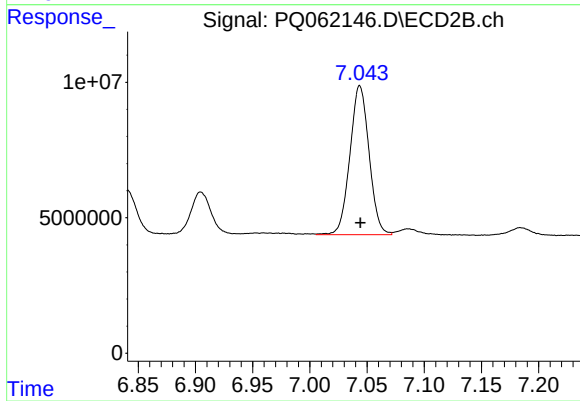
#43 AR-1268-3

R.T.: 6.751 min
Delta R.T.: 0.000 min
Response: 73794788
Conc: 200.36 ng/ml



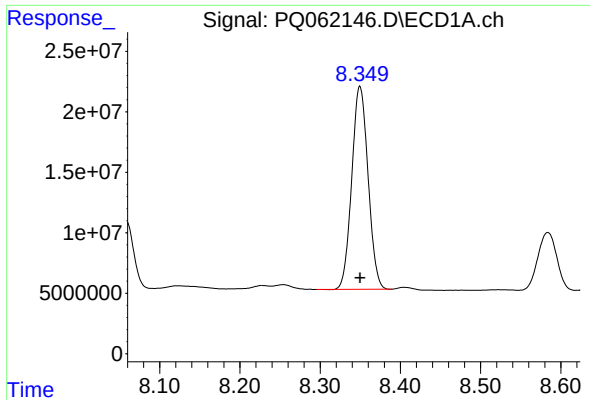
#44 AR-1268-4

R.T.: 8.059 min
Delta R.T.: 0.000 min
Response: 72409537
Conc: 395.71 ng/ml



#44 AR-1268-4

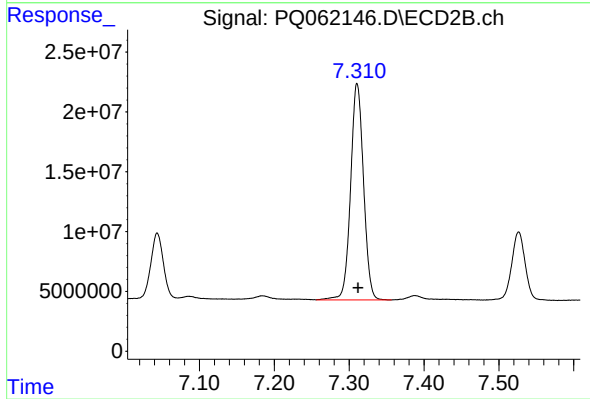
R.T.: 7.044 min
Delta R.T.: 0.000 min
Response: 64103076
Conc: 400.80 ng/ml



#45 AR-1268-5

R.T.: 8.350 min
Delta R.T.: 0.000 min
Response: 236927062
Conc: 187.93 ng/ml

Instrument :
ECD_Q
ClientSampleId :



#45 AR-1268-5

R.T.: 7.311 min
Delta R.T.: -0.001 min
Response: 216894200
Conc: 185.86 ng/ml