

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ040323\
 Data File : PQ060773.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 03 Apr 2023 15:35
 Operator : YP\AJ
 Sample : AR1660CCC500
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 03 21:46:34 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ032723.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Mon Mar 27 17:20:15 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...	3.405	2.763	419.8E6	178.9E6	53.474	45.505
2)	SA Decachlor...	8.582	7.541	310.2E6	215.3E6	54.973	45.689
Target Compounds							
3)	L1 AR-1016-1	4.505	3.767	148.2E6	65963599	532.468	460.793
4)	L1 AR-1016-2	4.524	3.782	221.3E6	96158468	532.466	456.805
5)	L1 AR-1016-3	4.581	3.943	139.3E6	52691363	533.988	475.181
6)	L1 AR-1016-4	4.673	3.992	113.7E6	47486131	525.730	504.113
7)	L1 AR-1016-5	4.960	4.187	121.3E6	75033998	545.125	636.541
8)	L2 AR-1221-1	3.601	2.965	16513068	6738421	165.589	138.415
9)	L2 AR-1221-2	3.683	3.042	24425310	9699780	324.389	261.116
10)	L2 AR-1221-3	3.753	3.110	84513726	35460168	379.907	312.140
11)	L3 AR-1232-1	3.753	3.110	84513726	35460168	494.471	409.679
12)	L3 AR-1232-2	4.246	3.782	113.5E6	96158468	1144.686	1011.935
13)	L3 AR-1232-3	4.524	3.943	221.3E6	52691363	1179.877	1055.985
14)	L3 AR-1232-4	4.673	4.029	113.7E6	53327768	1151.319	1252.282
15)	L3 AR-1232-5	4.771	4.187	89952433	75033998	1324.390	1459.058
16)	L4 AR-1242-1	4.505	3.767	148.2E6	65963599	699.490	592.189
17)	L4 AR-1242-2	4.524	3.782	221.3E6	96158468	702.533	594.174
18)	L4 AR-1242-3	4.581	3.943	139.3E6	52691363	691.035	622.992
19)	L4 AR-1242-4	4.673	4.029	113.7E6	53327768	664.596	644.038
20)	L4 AR-1242-5	5.412	4.523	16541892	55610796	97.692	487.531 #
21)	L5 AR-1248-1	4.505	3.767	148.2E6	65963599	877.579	747.843
22)	L5 AR-1248-2	4.771	3.992	89952433	47486131	392.995	364.247
23)	L5 AR-1248-3	4.960	4.029	121.3E6	53327768	432.958	424.774
24)	L5 AR-1248-4	5.353	4.187	48742051	75033998	156.569	481.625 #
25)	L5 AR-1248-5	5.412	4.546	16541892	38796971	55.173	252.923 #
26)	L6 AR-1254-1	5.327	4.523	176.9E6	55610796	555.629	239.593 #
27)	L6 AR-1254-2	5.545	4.671	102.5E6	60837395	208.011	289.827 #
28)	L6 AR-1254-3	5.896	5.053	71589789	26485029	141.611	80.228 #
29)	L6 AR-1254-4	6.180	5.279	78276644	8623118	209.042	41.196 #
30)	L6 AR-1254-5	6.594	5.685	290.3E6	162.3E6	686.549	496.353 #
31)	L7 AR-1260-1	6.062	5.181	214.3E6	108.6E6	557.409	468.911
32)	L7 AR-1260-2	6.322	5.371	280.6E6	129.6E6	612.605	452.169 #
33)	L7 AR-1260-3	6.676	5.513	151.3E6	117.1E6	522.558	429.601
34)	L7 AR-1260-4	6.893	5.976	185.0E6	92227205	537.213	456.076
35)	L7 AR-1260-5	7.204	6.222	352.4E6	213.7E6	539.229	461.778
36)	L8 AR-1262-1	6.676	5.729	151.3E6	90622484	317.868	285.299
37)	L8 AR-1262-2	7.204	6.222	352.4E6	213.7E6	450.824	366.546
38)	L8 AR-1262-3	7.481	6.501	228.7E6	46118834	434.511	193.938 #
39)	L8 AR-1262-4	7.553	6.559	71280717	159.3E6	172.984	360.204 #
40)	L8 AR-1262-5	8.057	7.055	84662313	54746602	312.976	258.809
41)	L9 AR-1268-1	7.481	6.501	228.7E6	46118834	262.846	68.598 #

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ040323\
 Data File : PQ060773.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 03 Apr 2023 15:35
 Operator : YP\AJ
 Sample : AR1660CCC500
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

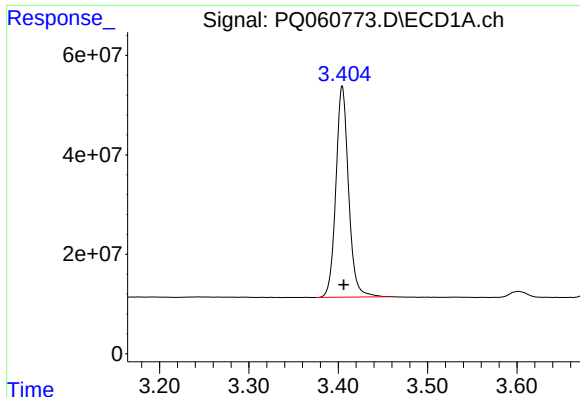
Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 03 21:46:34 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ032723.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Mon Mar 27 17:20:15 2023
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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	7.553	6.559	71280717	159.3E6	89.945	257.678 #
43) L9	AR-1268-3	7.735	6.764	7103756	7045628	10.705	13.005
44) L9	AR-1268-4	8.057	7.055	84662313	54746602	287.095	234.782
45) L9	AR-1268-5	8.349	7.324	29014960	23493079	15.370	13.441

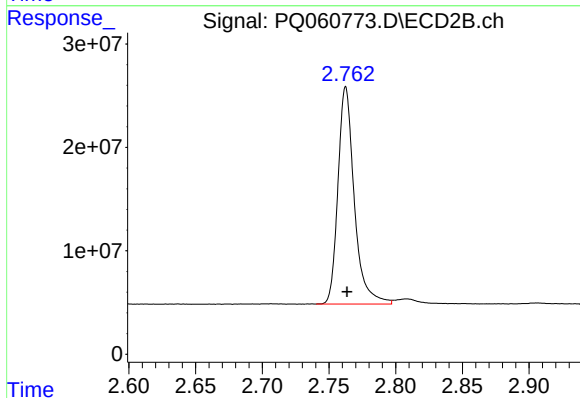
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

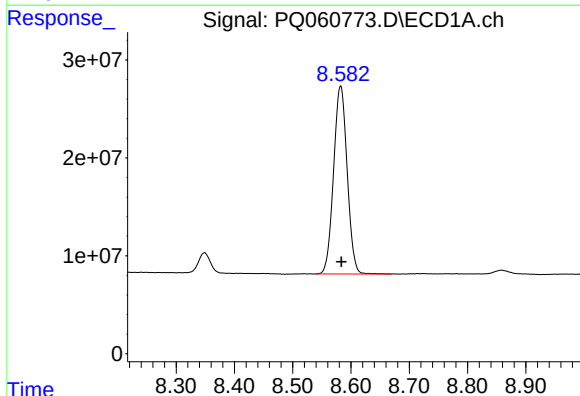
R.T.: 3.405 min
Delta R.T.: -0.001 min
Response: 419778063
Conc: 53.47 ng/ml

Instrument :
ECD_Q
ClientSampleId :



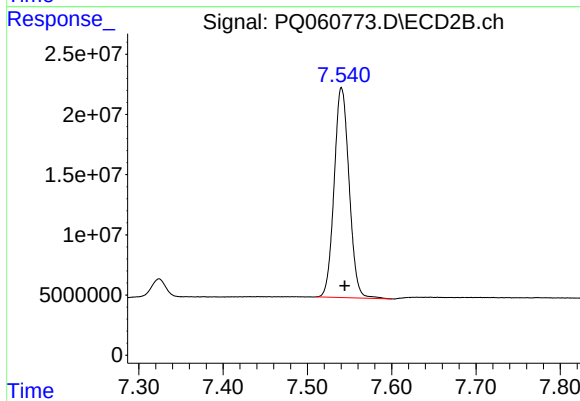
#1 Tetrachloro-m-xylene

R.T.: 2.763 min
Delta R.T.: -0.001 min
Response: 178861242
Conc: 45.50 ng/ml



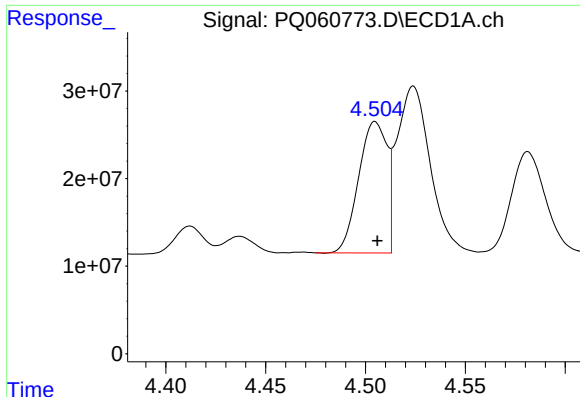
#2 Decachlorobiphenyl

R.T.: 8.582 min
Delta R.T.: -0.001 min
Response: 310220682
Conc: 54.97 ng/ml



#2 Decachlorobiphenyl

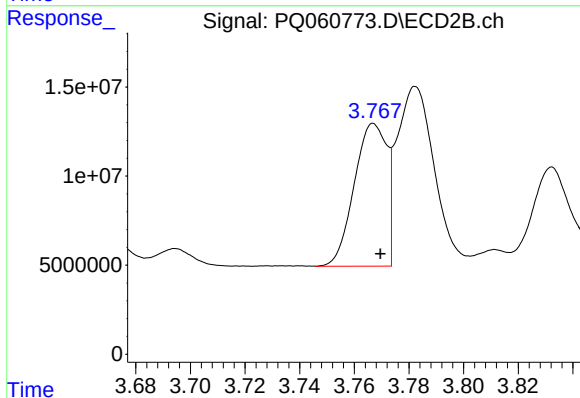
R.T.: 7.541 min
Delta R.T.: -0.004 min
Response: 215330010
Conc: 45.69 ng/ml



#3 AR-1016-1

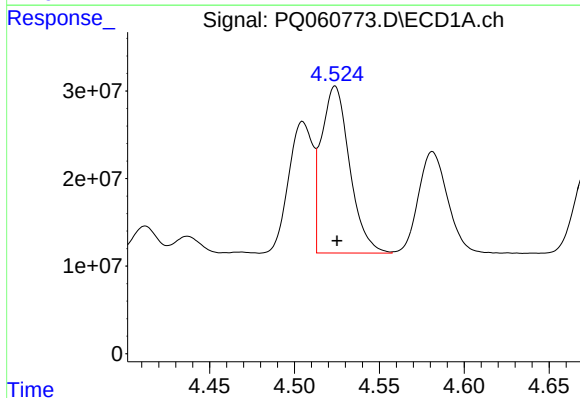
R.T.: 4.505 min
Delta R.T.: -0.001 min
Response: 148157424
Conc: 532.47 ng/ml

Instrument :
ECD_Q
ClientSampleId :



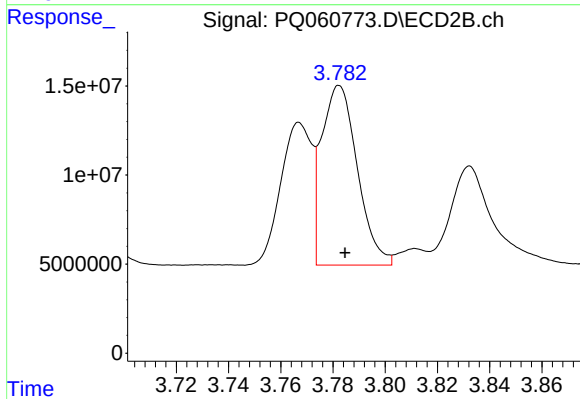
#3 AR-1016-1

R.T.: 3.767 min
Delta R.T.: -0.002 min
Response: 65963599
Conc: 460.79 ng/ml



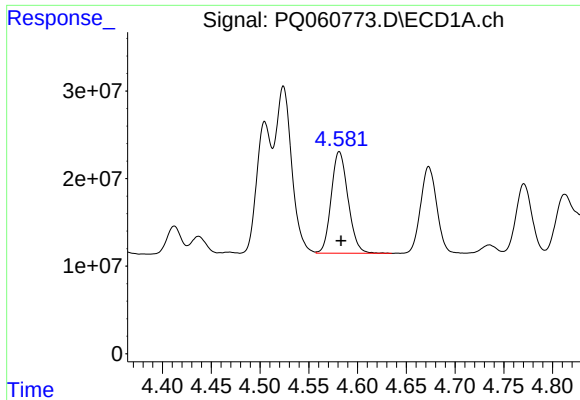
#4 AR-1016-2

R.T.: 4.524 min
Delta R.T.: 0.000 min
Response: 221291634
Conc: 532.47 ng/ml



#4 AR-1016-2

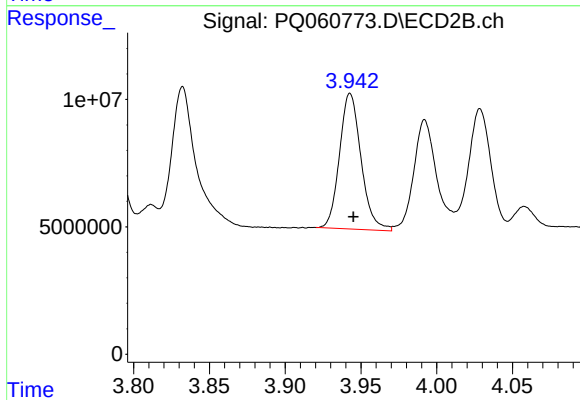
R.T.: 3.782 min
Delta R.T.: -0.002 min
Response: 96158468
Conc: 456.80 ng/ml



#5 AR-1016-3

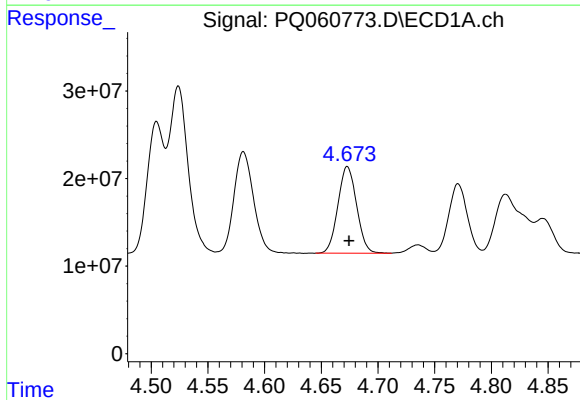
R.T.: 4.581 min
Delta R.T.: -0.002 min
Response: 139293935
Conc: 533.99 ng/ml

Instrument :
ECD_Q
ClientSampleId :



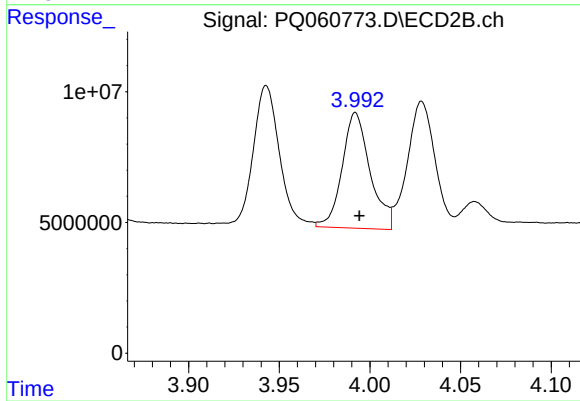
#5 AR-1016-3

R.T.: 3.943 min
Delta R.T.: -0.002 min
Response: 52691363
Conc: 475.18 ng/ml



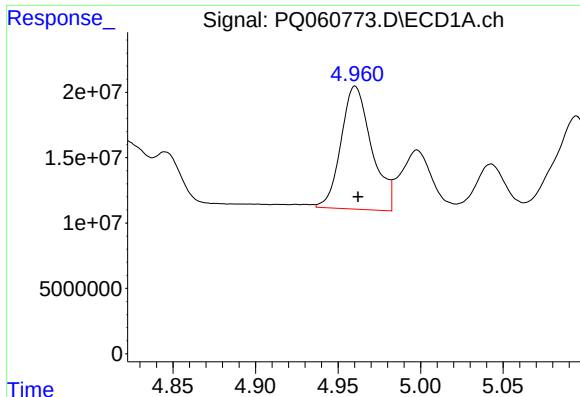
#6 AR-1016-4

R.T.: 4.673 min
Delta R.T.: -0.002 min
Response: 113701243
Conc: 525.73 ng/ml



#6 AR-1016-4

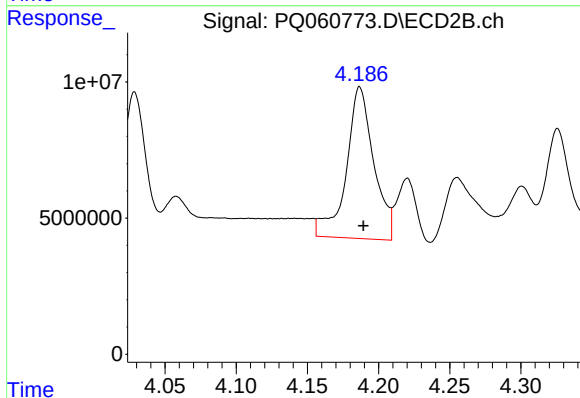
R.T.: 3.992 min
Delta R.T.: -0.002 min
Response: 47486131
Conc: 504.11 ng/ml



#7 AR-1016-5

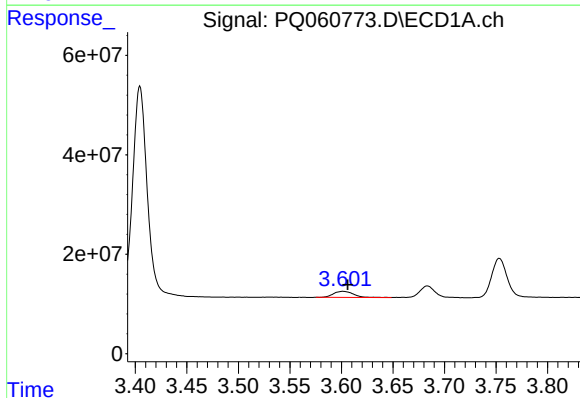
R.T.: 4.960 min
Delta R.T.: -0.002 min
Response: 121320395
Conc: 545.12 ng/ml

Instrument :
ECD_Q
ClientSampleId :



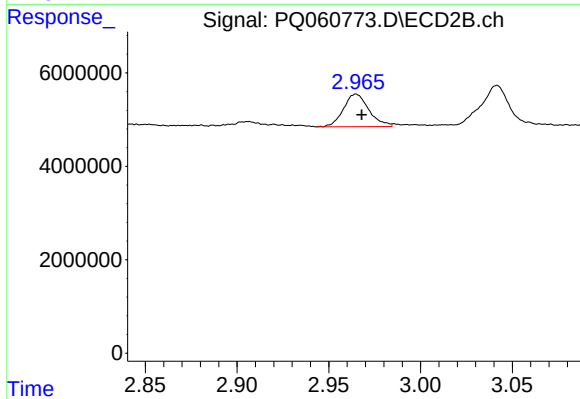
#7 AR-1016-5

R.T.: 4.187 min
Delta R.T.: -0.003 min
Response: 75033998
Conc: 636.54 ng/ml



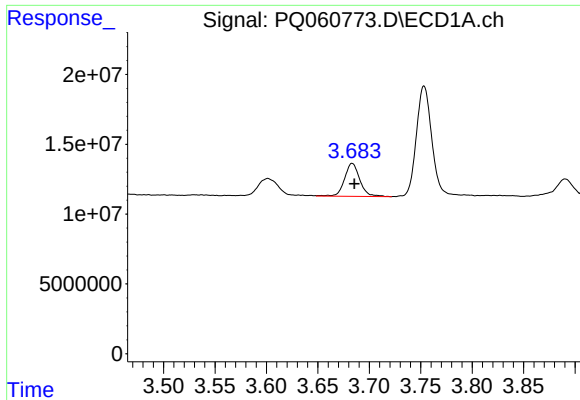
#8 AR-1221-1

R.T.: 3.601 min
Delta R.T.: -0.005 min
Response: 16513068
Conc: 165.59 ng/ml



#8 AR-1221-1

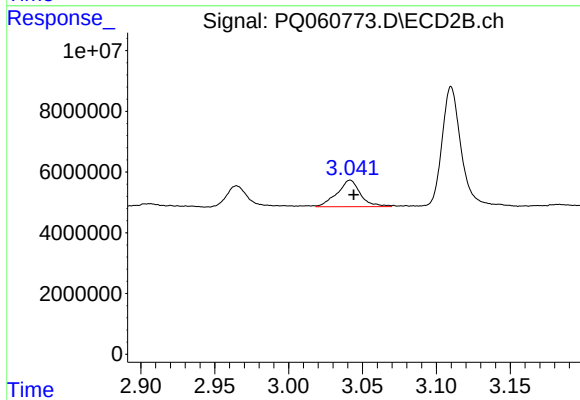
R.T.: 2.965 min
Delta R.T.: -0.003 min
Response: 6738421
Conc: 138.41 ng/ml



#9 AR-1221-2

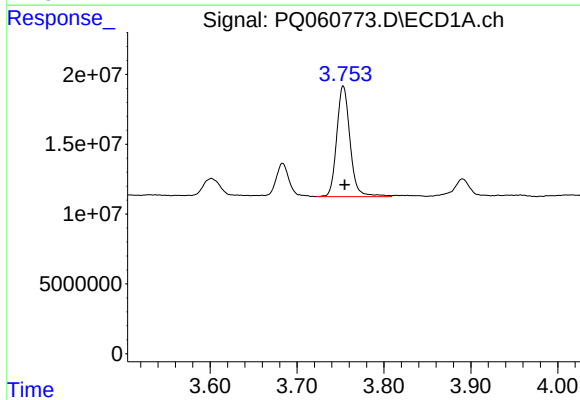
R.T.: 3.683 min
Delta R.T.: -0.002 min
Response: 24425310
Conc: 324.39 ng/ml

Instrument :
ECD_Q
ClientSampleId :



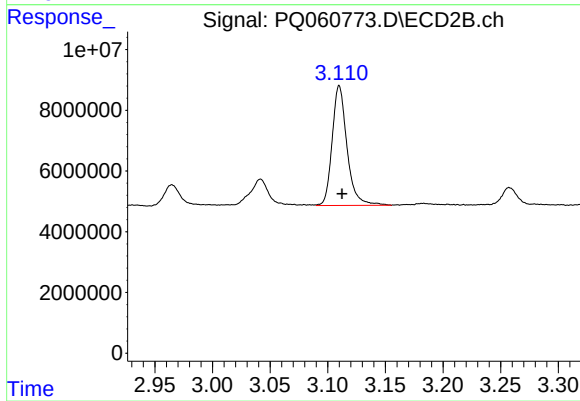
#9 AR-1221-2

R.T.: 3.042 min
Delta R.T.: -0.002 min
Response: 9699780
Conc: 261.12 ng/ml



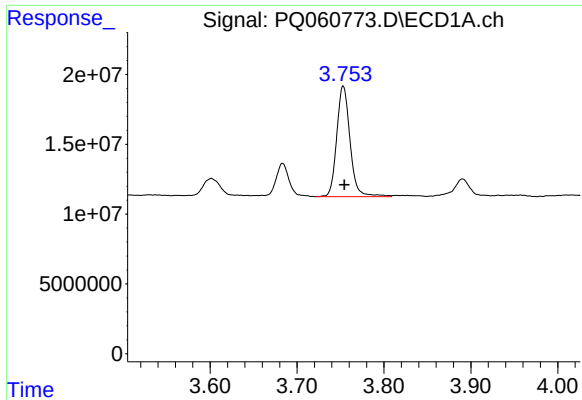
#10 AR-1221-3

R.T.: 3.753 min
Delta R.T.: -0.002 min
Response: 84513726
Conc: 379.91 ng/ml



#10 AR-1221-3

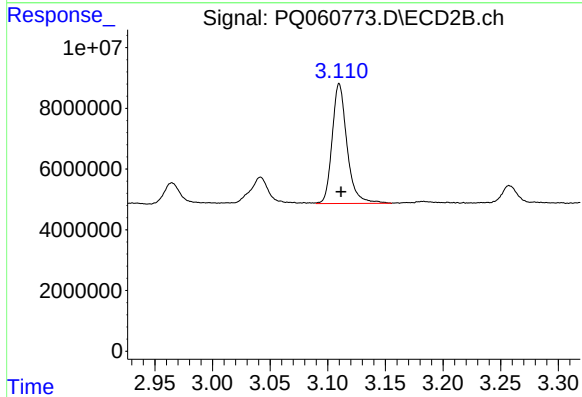
R.T.: 3.110 min
Delta R.T.: -0.002 min
Response: 35460168
Conc: 312.14 ng/ml



#11 AR-1232-1

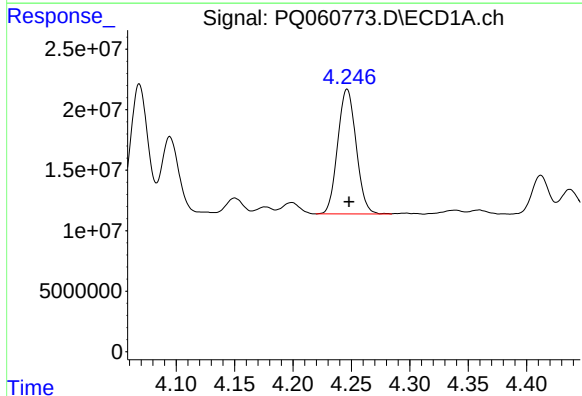
R.T.: 3.753 min
Delta R.T.: -0.001 min
Response: 84513726
Conc: 494.47 ng/ml

Instrument :
ECD_Q
ClientSampleId :



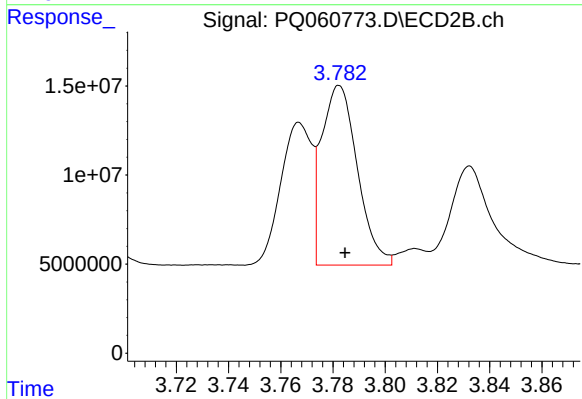
#11 AR-1232-1

R.T.: 3.110 min
Delta R.T.: -0.001 min
Response: 35460168
Conc: 409.68 ng/ml



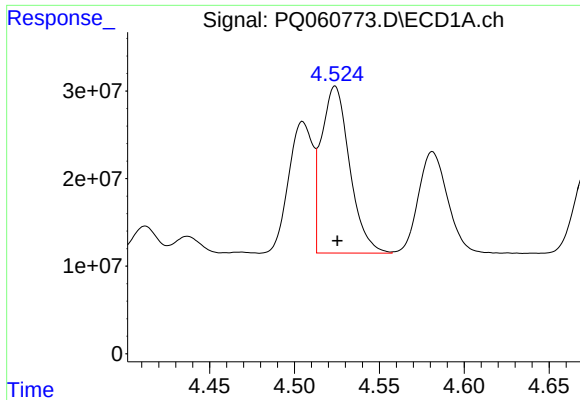
#12 AR-1232-2

R.T.: 4.246 min
Delta R.T.: -0.002 min
Response: 113472870
Conc: 1144.69 ng/ml



#12 AR-1232-2

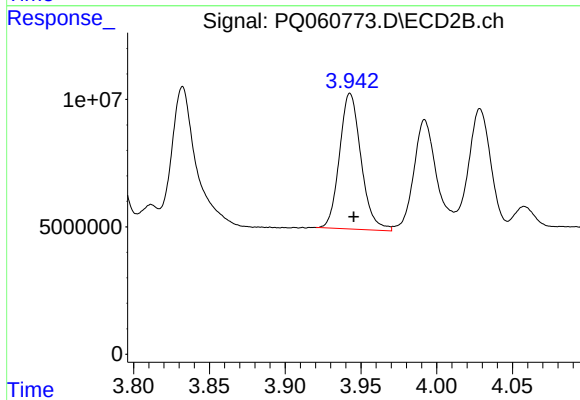
R.T.: 3.782 min
Delta R.T.: -0.002 min
Response: 96158468
Conc: 1011.94 ng/ml



#13 AR-1232-3

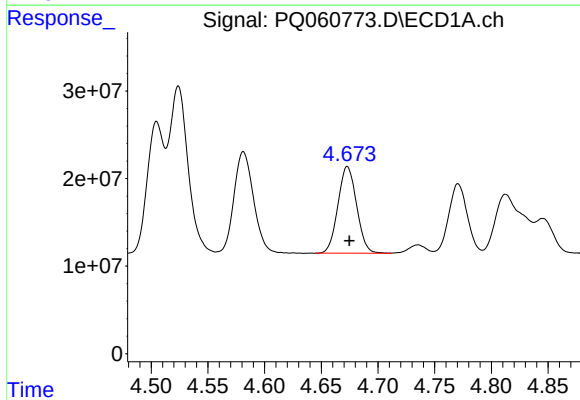
R.T.: 4.524 min
Delta R.T.: -0.001 min
Response: 221291634
Conc: 1179.88 ng/ml

Instrument :
ECD_Q
ClientSampleId :



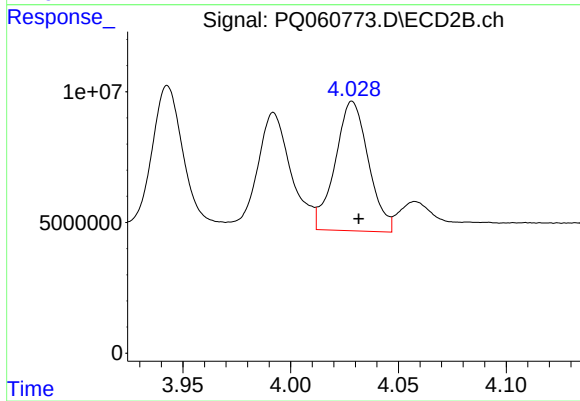
#13 AR-1232-3

R.T.: 3.943 min
Delta R.T.: -0.002 min
Response: 52691363
Conc: 1055.99 ng/ml



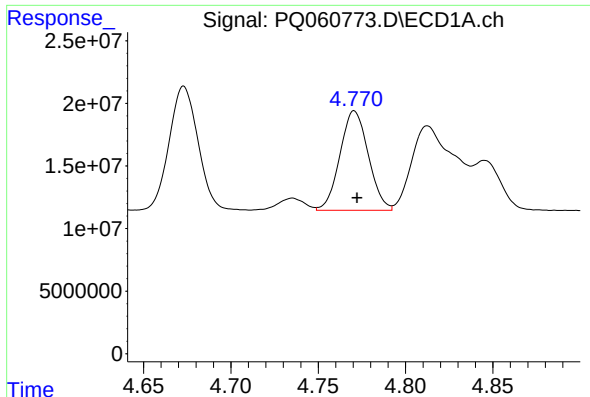
#14 AR-1232-4

R.T.: 4.673 min
Delta R.T.: -0.002 min
Response: 113701243
Conc: 1151.32 ng/ml



#14 AR-1232-4

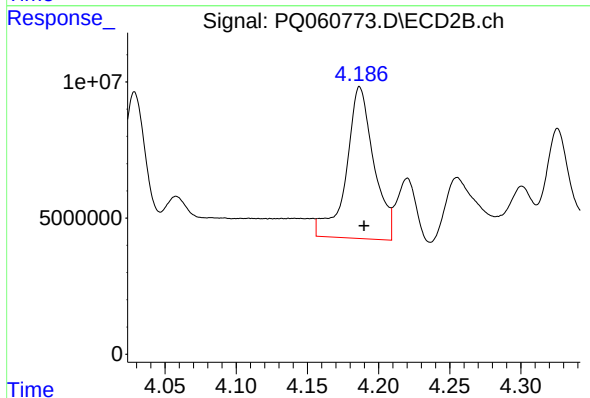
R.T.: 4.029 min
Delta R.T.: -0.003 min
Response: 53327768
Conc: 1252.28 ng/ml



#15 AR-1232-5

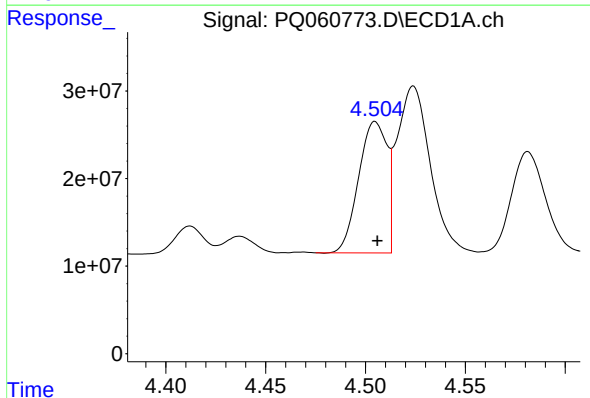
R.T.: 4.771 min
Delta R.T.: -0.002 min
Response: 89952433
Conc: 1324.39 ng/ml

Instrument :
ECD_Q
ClientSampleId :



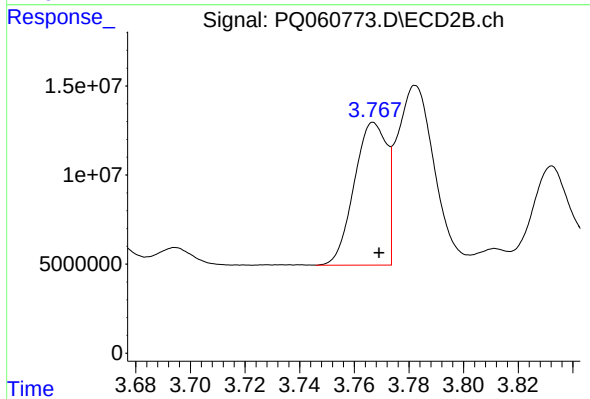
#15 AR-1232-5

R.T.: 4.187 min
Delta R.T.: -0.003 min
Response: 75033998
Conc: 1459.06 ng/ml



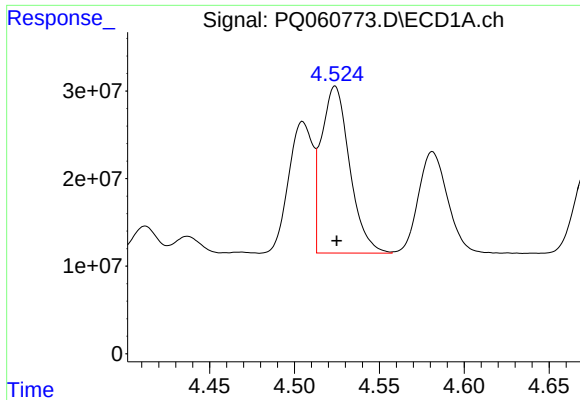
#16 AR-1242-1

R.T.: 4.505 min
Delta R.T.: -0.001 min
Response: 148157424
Conc: 699.49 ng/ml



#16 AR-1242-1

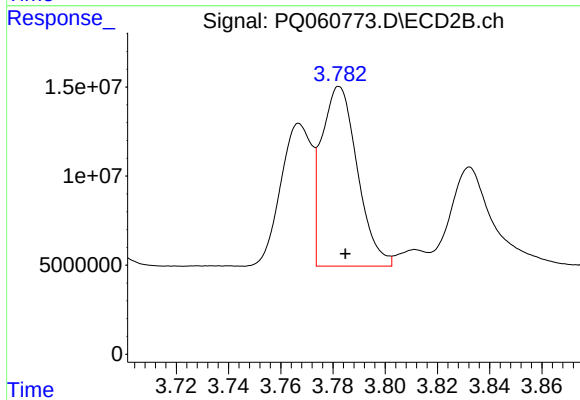
R.T.: 3.767 min
Delta R.T.: -0.002 min
Response: 65963599
Conc: 592.19 ng/ml



#17 AR-1242-2

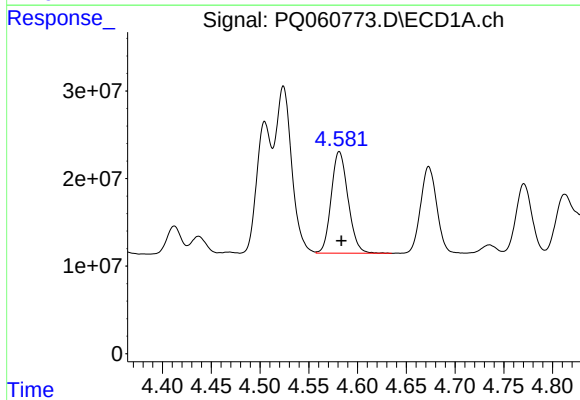
R.T.: 4.524 min
Delta R.T.: 0.000 min
Response: 221291634
Conc: 702.53 ng/ml

Instrument :
ECD_Q
ClientSampleId :



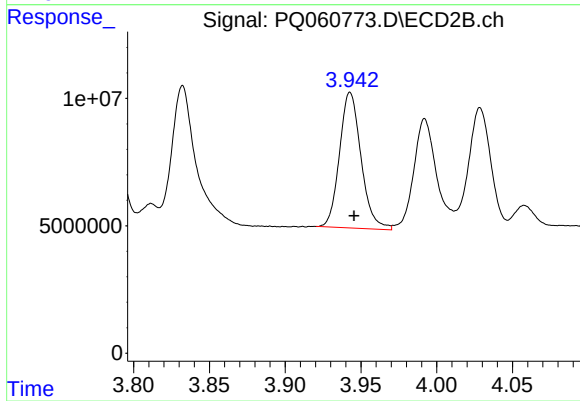
#17 AR-1242-2

R.T.: 3.782 min
Delta R.T.: -0.002 min
Response: 96158468
Conc: 594.17 ng/ml



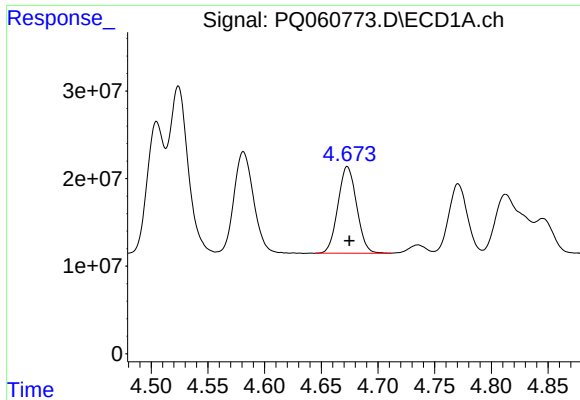
#18 AR-1242-3

R.T.: 4.581 min
Delta R.T.: -0.002 min
Response: 139293935
Conc: 691.04 ng/ml



#18 AR-1242-3

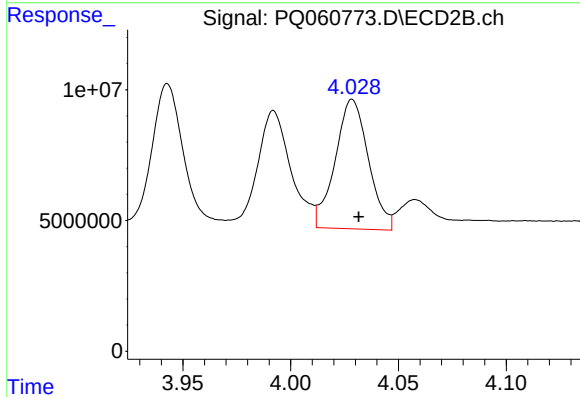
R.T.: 3.943 min
Delta R.T.: -0.003 min
Response: 52691363
Conc: 622.99 ng/ml



#19 AR-1242-4

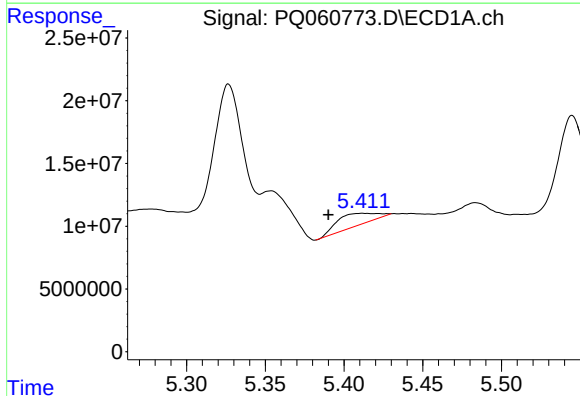
R.T.: 4.673 min
Delta R.T.: -0.002 min
Response: 113701243
Conc: 664.60 ng/ml

Instrument :
ECD_Q
ClientSampleId :



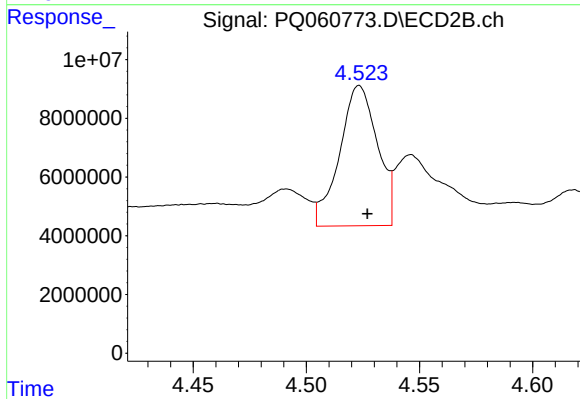
#19 AR-1242-4

R.T.: 4.029 min
Delta R.T.: -0.003 min
Response: 53327768
Conc: 644.04 ng/ml



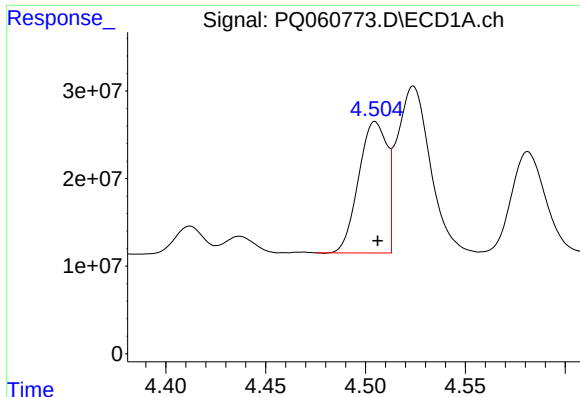
#20 AR-1242-5

R.T.: 5.412 min
Delta R.T.: 0.022 min
Response: 16541892
Conc: 97.69 ng/ml



#20 AR-1242-5

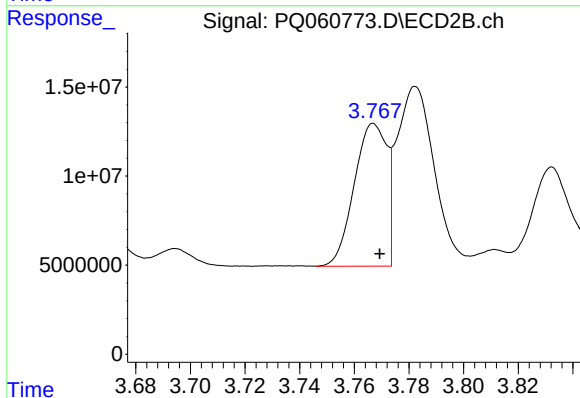
R.T.: 4.523 min
Delta R.T.: -0.004 min
Response: 55610796
Conc: 487.53 ng/ml



#21 AR-1248-1

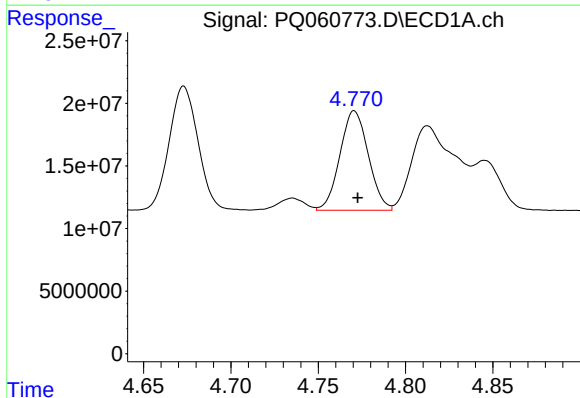
R.T.: 4.505 min
Delta R.T.: -0.001 min
Response: 148157424
Conc: 877.58 ng/ml

Instrument :
ECD_Q
ClientSampleId :



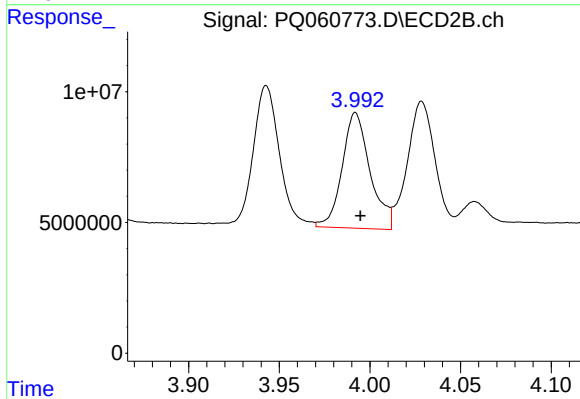
#21 AR-1248-1

R.T.: 3.767 min
Delta R.T.: -0.002 min
Response: 65963599
Conc: 747.84 ng/ml



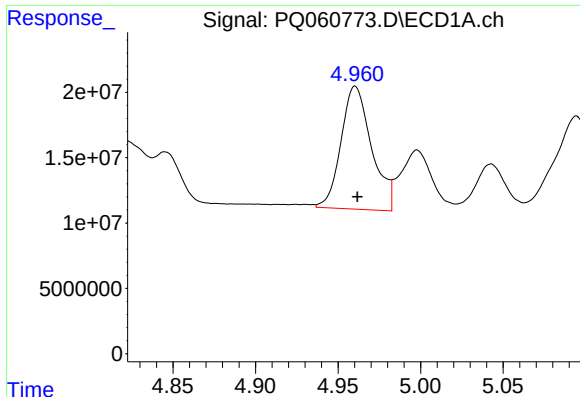
#22 AR-1248-2

R.T.: 4.771 min
Delta R.T.: -0.002 min
Response: 89952433
Conc: 393.00 ng/ml



#22 AR-1248-2

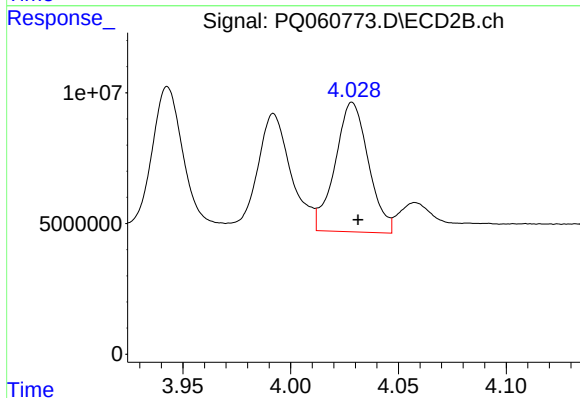
R.T.: 3.992 min
Delta R.T.: -0.003 min
Response: 47486131
Conc: 364.25 ng/ml



#23 AR-1248-3

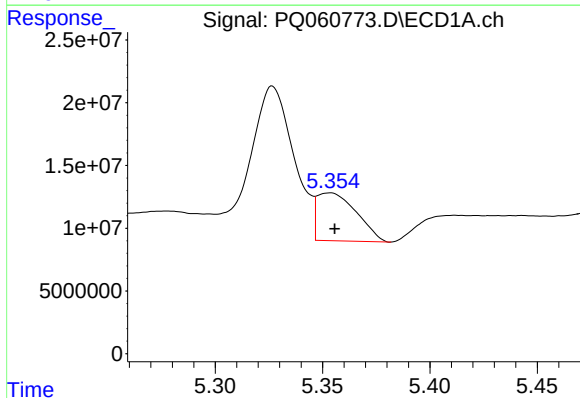
R.T.: 4.960 min
Delta R.T.: -0.001 min
Response: 121320395
Conc: 432.96 ng/ml

Instrument :
ECD_Q
ClientSampleId :



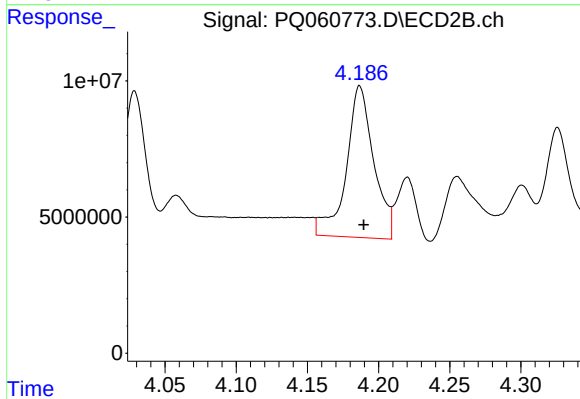
#23 AR-1248-3

R.T.: 4.029 min
Delta R.T.: -0.003 min
Response: 53327768
Conc: 424.77 ng/ml



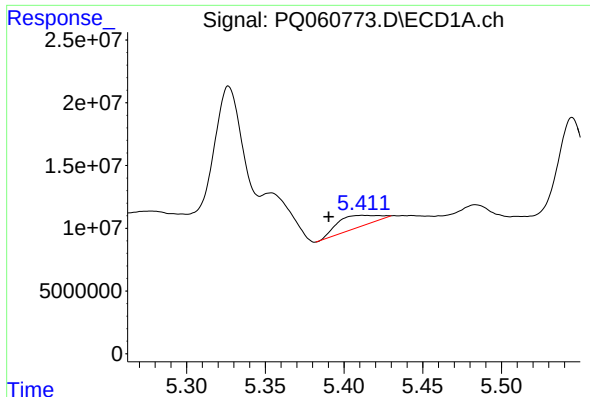
#24 AR-1248-4

R.T.: 5.353 min
Delta R.T.: -0.002 min
Response: 48742051
Conc: 156.57 ng/ml



#24 AR-1248-4

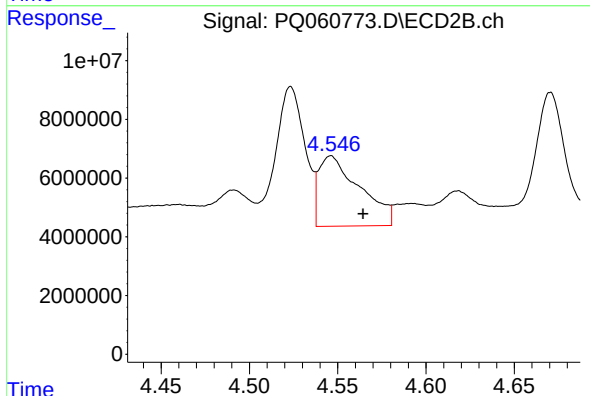
R.T.: 4.187 min
Delta R.T.: -0.003 min
Response: 75033998
Conc: 481.63 ng/ml



#25 AR-1248-5

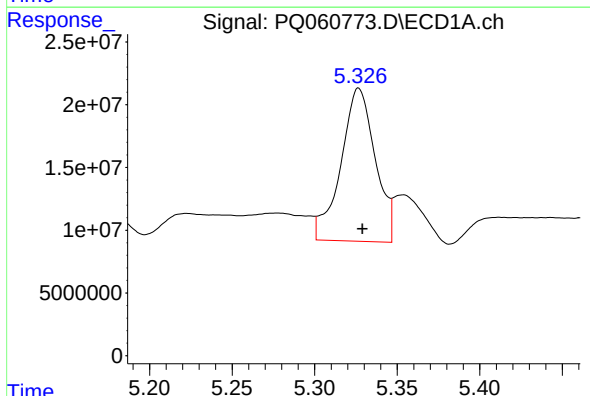
R.T.: 5.412 min
Delta R.T.: 0.022 min
Response: 16541892
Conc: 55.17 ng/ml

Instrument :
ECD_Q
ClientSampleId :



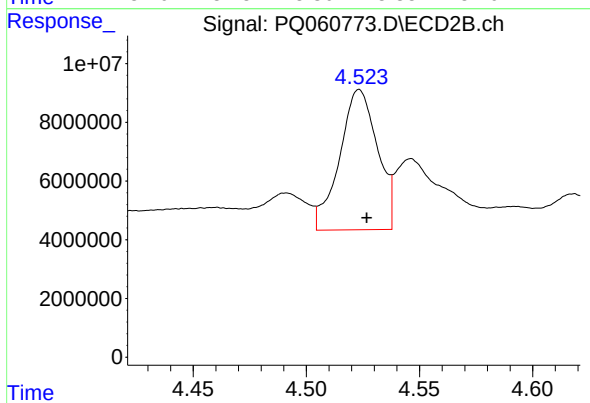
#25 AR-1248-5

R.T.: 4.546 min
Delta R.T.: -0.018 min
Response: 38796971
Conc: 252.92 ng/ml



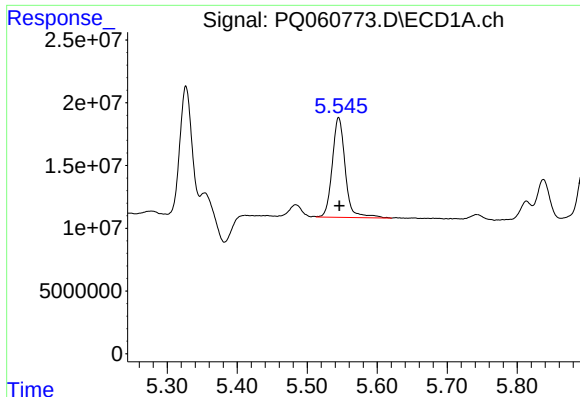
#26 AR-1254-1

R.T.: 5.327 min
Delta R.T.: -0.002 min
Response: 176854552
Conc: 555.63 ng/ml



#26 AR-1254-1

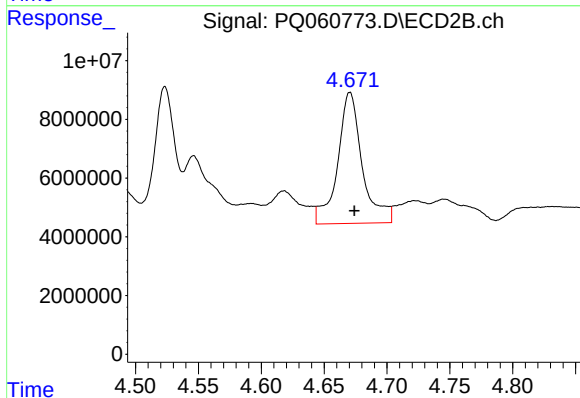
R.T.: 4.523 min
Delta R.T.: -0.003 min
Response: 55610796
Conc: 239.59 ng/ml



#27 AR-1254-2

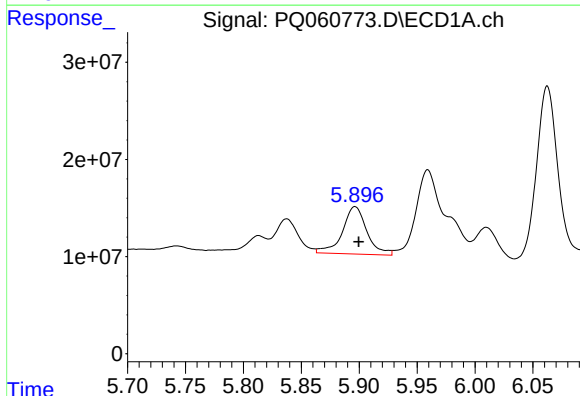
R.T.: 5.545 min
Delta R.T.: -0.001 min
Response: 102456011
Conc: 208.01 ng/ml

Instrument :
ECD_Q
ClientSampleId :



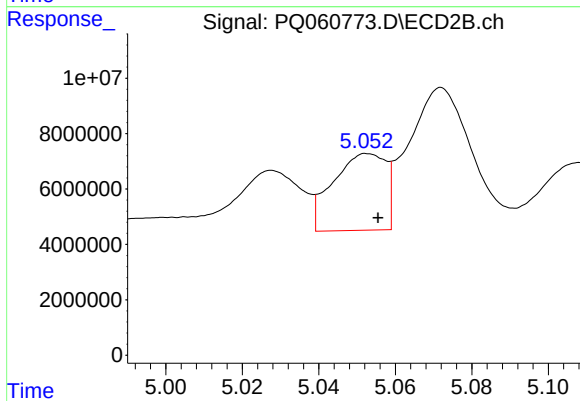
#27 AR-1254-2

R.T.: 4.671 min
Delta R.T.: -0.003 min
Response: 60837395
Conc: 289.83 ng/ml



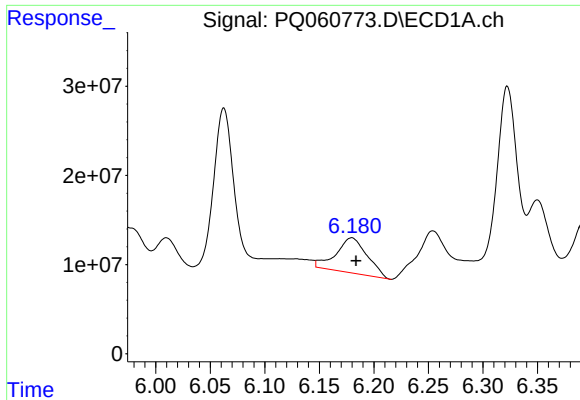
#28 AR-1254-3

R.T.: 5.896 min
Delta R.T.: -0.003 min
Response: 71589789
Conc: 141.61 ng/ml



#28 AR-1254-3

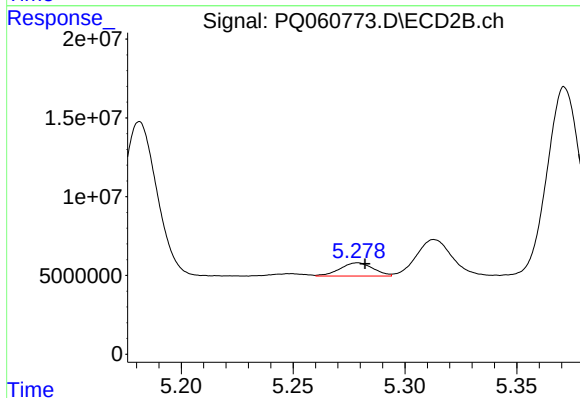
R.T.: 5.053 min
Delta R.T.: -0.003 min
Response: 26485029
Conc: 80.23 ng/ml



#29 AR-1254-4

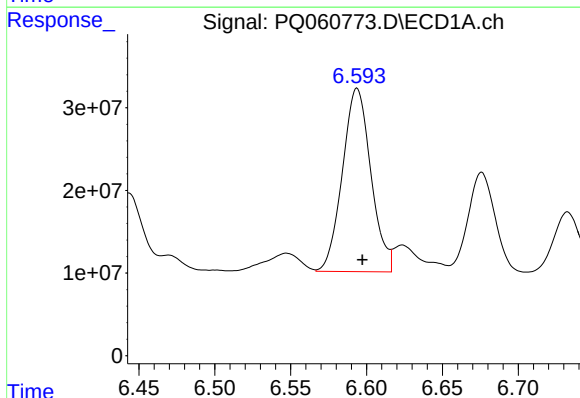
R.T.: 6.180 min
Delta R.T.: -0.004 min
Response: 78276644
Conc: 209.04 ng/ml

Instrument :
ECD_Q
ClientSampleId :



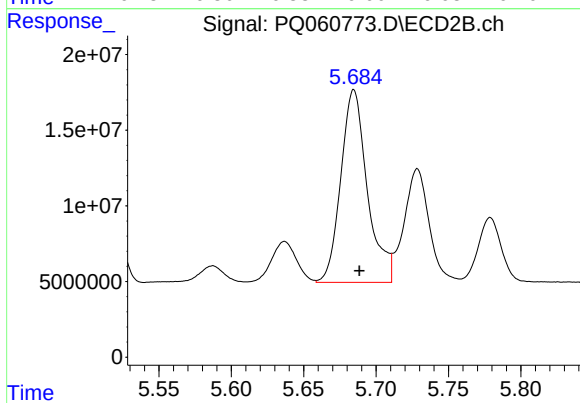
#29 AR-1254-4

R.T.: 5.279 min
Delta R.T.: -0.003 min
Response: 8623118
Conc: 41.20 ng/ml



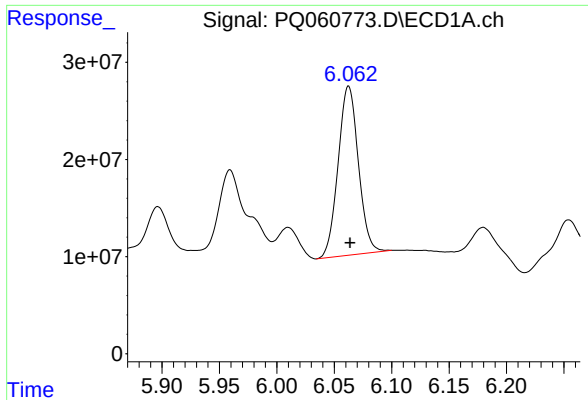
#30 AR-1254-5

R.T.: 6.594 min
Delta R.T.: -0.003 min
Response: 290316203
Conc: 686.55 ng/ml



#30 AR-1254-5

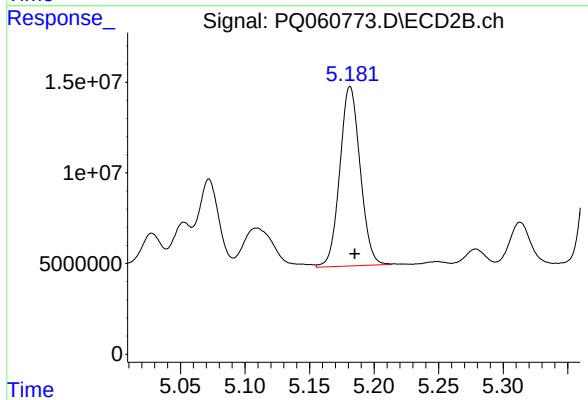
R.T.: 5.685 min
Delta R.T.: -0.004 min
Response: 162335624
Conc: 496.35 ng/ml



#31 AR-1260-1

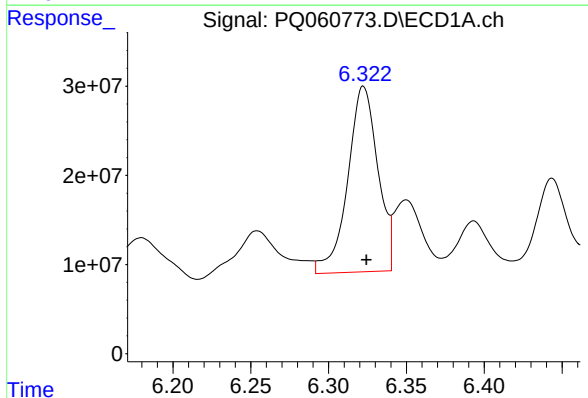
R.T.: 6.062 min
Delta R.T.: -0.001 min
Response: 214305876
Conc: 557.41 ng/ml

Instrument :
ECD_Q
ClientSampleId :



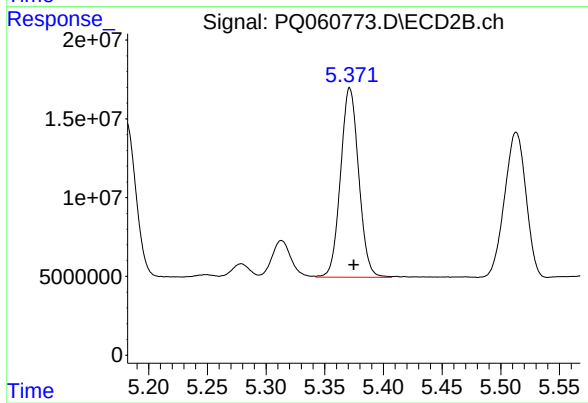
#31 AR-1260-1

R.T.: 5.181 min
Delta R.T.: -0.004 min
Response: 108629537
Conc: 468.91 ng/ml



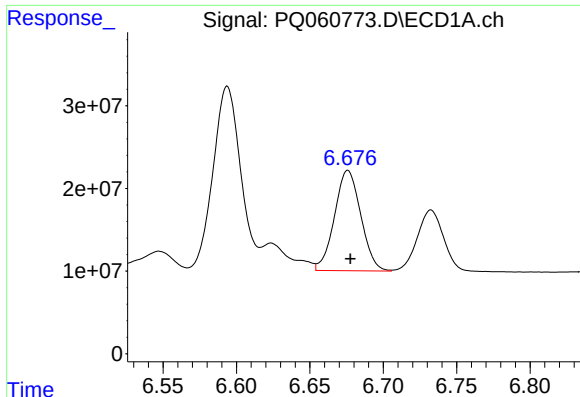
#32 AR-1260-2

R.T.: 6.322 min
Delta R.T.: -0.002 min
Response: 280575568
Conc: 612.60 ng/ml



#32 AR-1260-2

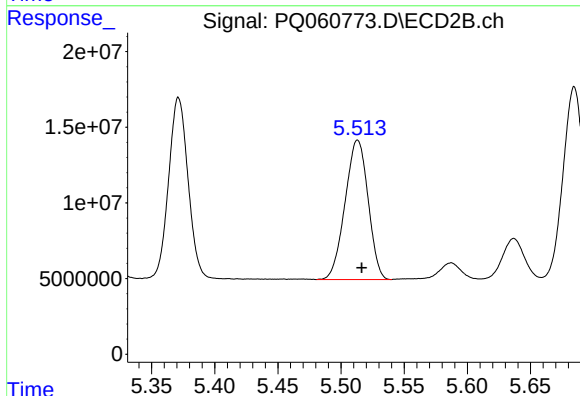
R.T.: 5.371 min
Delta R.T.: -0.003 min
Response: 129580392
Conc: 452.17 ng/ml



#33 AR-1260-3

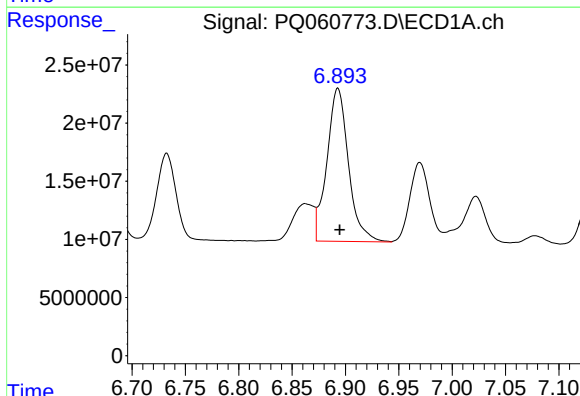
R.T.: 6.676 min
Delta R.T.: -0.002 min
Response: 151289056
Conc: 522.56 ng/ml

Instrument :
ECD_Q
ClientSampleId :



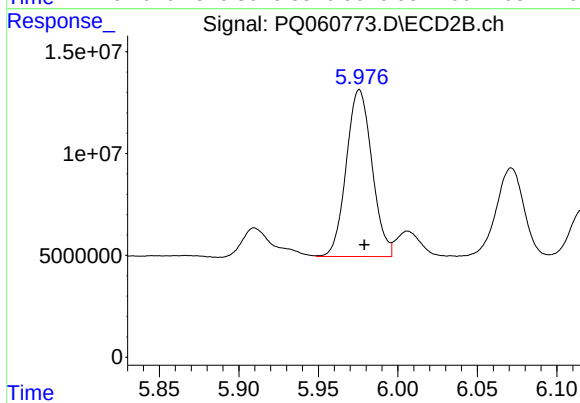
#33 AR-1260-3

R.T.: 5.513 min
Delta R.T.: -0.003 min
Response: 117099911
Conc: 429.60 ng/ml



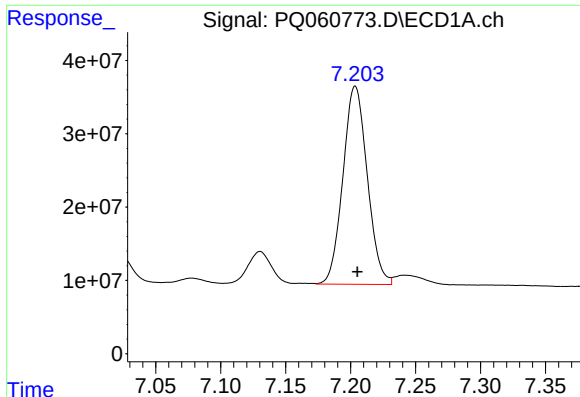
#34 AR-1260-4

R.T.: 6.893 min
Delta R.T.: -0.002 min
Response: 184986400
Conc: 537.21 ng/ml



#34 AR-1260-4

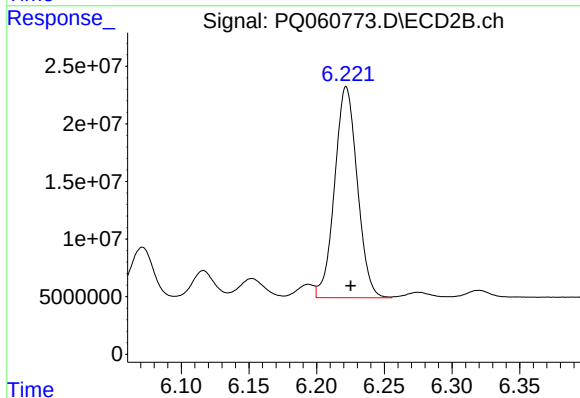
R.T.: 5.976 min
Delta R.T.: -0.003 min
Response: 92227205
Conc: 456.08 ng/ml



#35 AR-1260-5

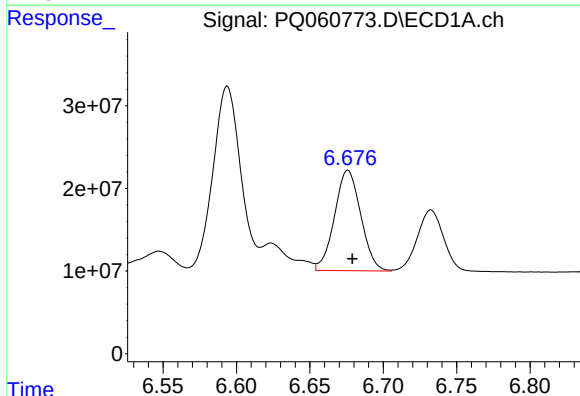
R.T.: 7.204 min
Delta R.T.: -0.002 min
Response: 352422026
Conc: 539.23 ng/ml

Instrument :
ECD_Q
ClientSampleId :



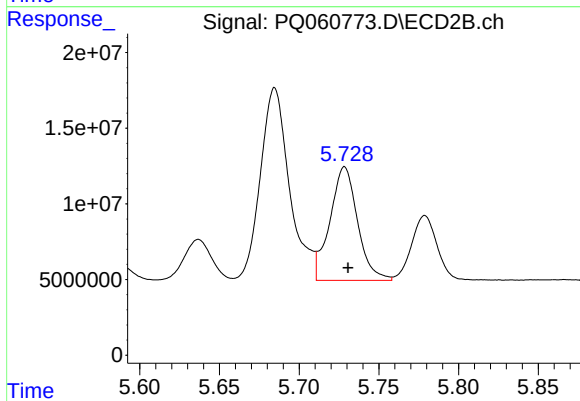
#35 AR-1260-5

R.T.: 6.222 min
Delta R.T.: -0.003 min
Response: 213684555
Conc: 461.78 ng/ml



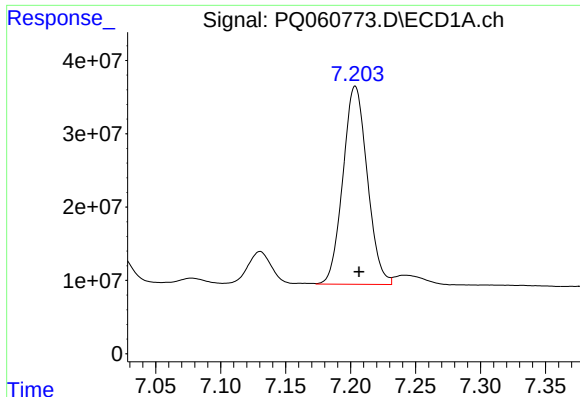
#36 AR-1262-1

R.T.: 6.676 min
Delta R.T.: -0.003 min
Response: 151289056
Conc: 317.87 ng/ml



#36 AR-1262-1

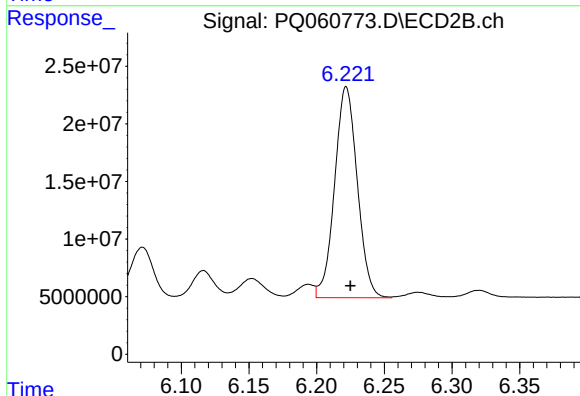
R.T.: 5.729 min
Delta R.T.: -0.002 min
Response: 90622484
Conc: 285.30 ng/ml



#37 AR-1262-2

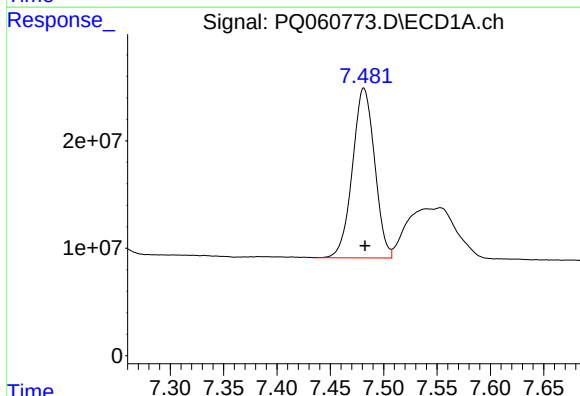
R.T.: 7.204 min
Delta R.T.: -0.003 min
Response: 352422026
Conc: 450.82 ng/ml

Instrument :
ECD_Q
ClientSampleId :



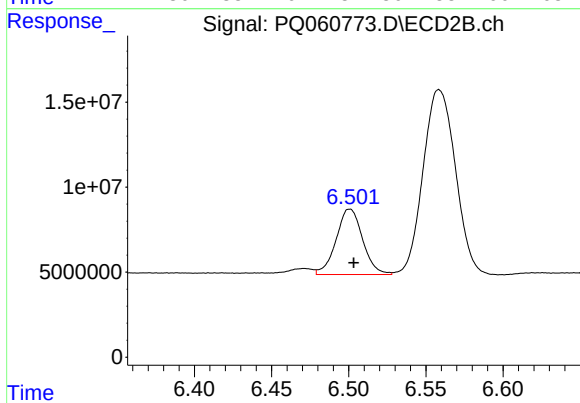
#37 AR-1262-2

R.T.: 6.222 min
Delta R.T.: -0.003 min
Response: 213684555
Conc: 366.55 ng/ml



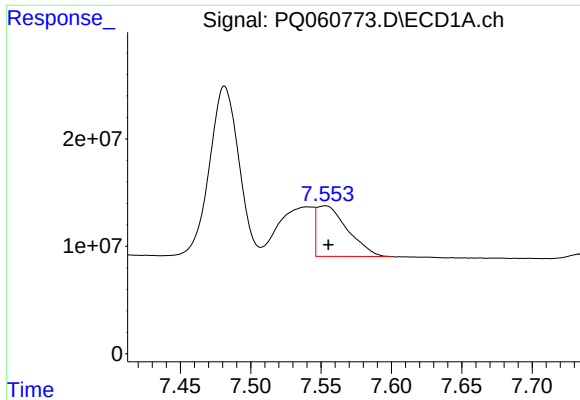
#38 AR-1262-3

R.T.: 7.481 min
Delta R.T.: -0.001 min
Response: 228680381
Conc: 434.51 ng/ml



#38 AR-1262-3

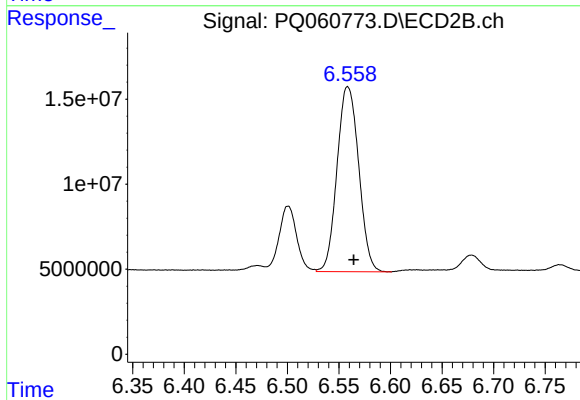
R.T.: 6.501 min
Delta R.T.: -0.003 min
Response: 46118834
Conc: 193.94 ng/ml



#39 AR-1262-4

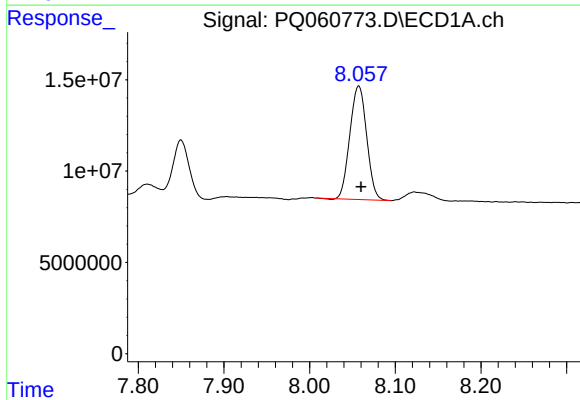
R.T.: 7.553 min
Delta R.T.: -0.002 min
Response: 71280717
Conc: 172.98 ng/ml

Instrument :
ECD_Q
ClientSampleId :



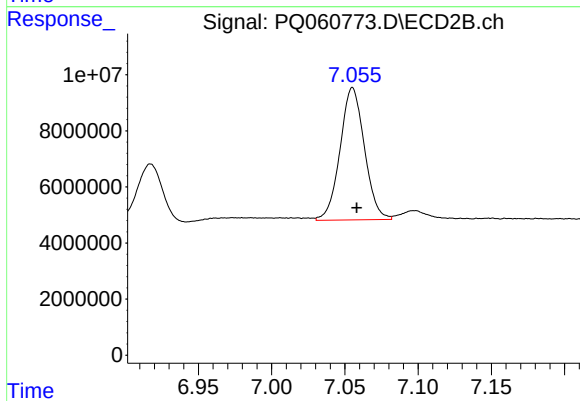
#39 AR-1262-4

R.T.: 6.559 min
Delta R.T.: -0.006 min
Response: 159286191
Conc: 360.20 ng/ml



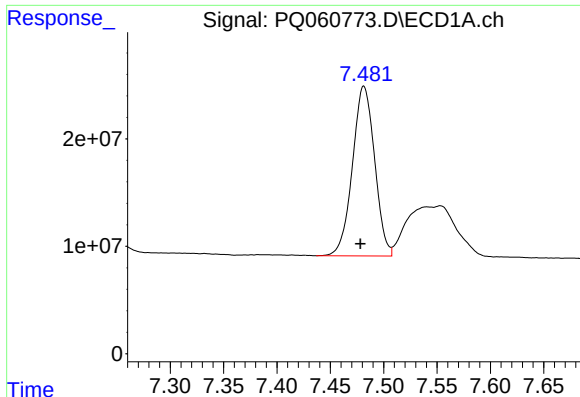
#40 AR-1262-5

R.T.: 8.057 min
Delta R.T.: -0.003 min
Response: 84662313
Conc: 312.98 ng/ml



#40 AR-1262-5

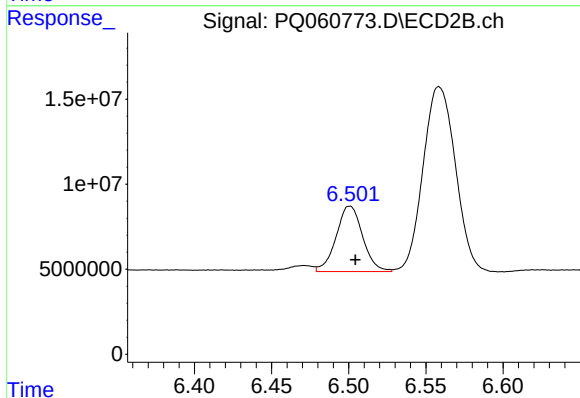
R.T.: 7.055 min
Delta R.T.: -0.003 min
Response: 54746602
Conc: 258.81 ng/ml



#41 AR-1268-1

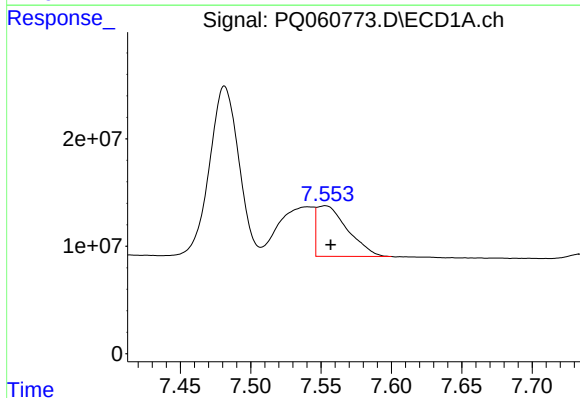
R.T.: 7.481 min
Delta R.T.: 0.003 min
Response: 228680381
Conc: 262.85 ng/ml

Instrument :
ECD_Q
ClientSampleId :



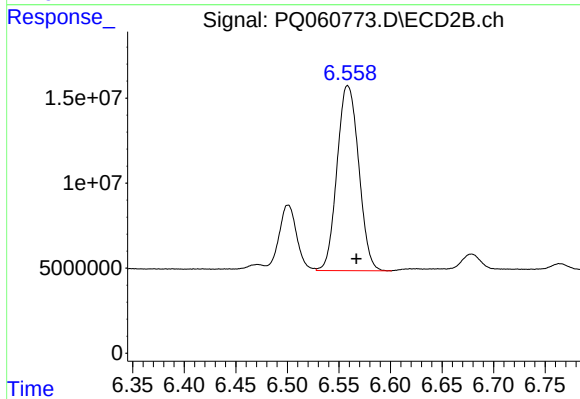
#41 AR-1268-1

R.T.: 6.501 min
Delta R.T.: -0.004 min
Response: 46118834
Conc: 68.60 ng/ml



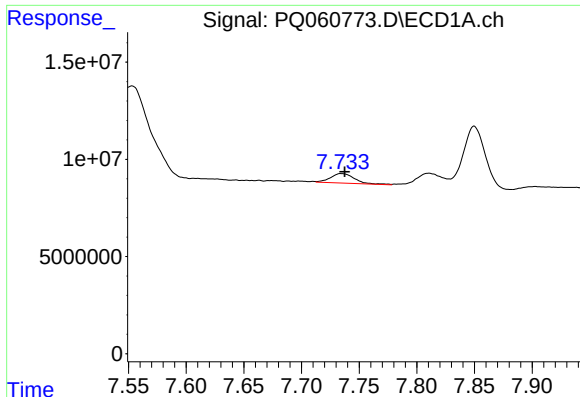
#42 AR-1268-2

R.T.: 7.553 min
Delta R.T.: -0.004 min
Response: 71280717
Conc: 89.95 ng/ml



#42 AR-1268-2

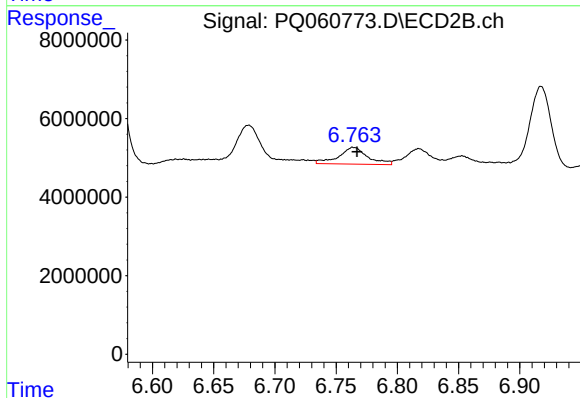
R.T.: 6.559 min
Delta R.T.: -0.008 min
Response: 159286191
Conc: 257.68 ng/ml



#43 AR-1268-3

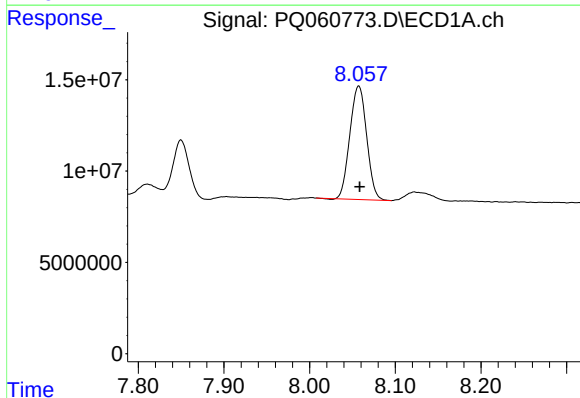
R.T.: 7.735 min
Delta R.T.: -0.003 min
Response: 7103756
Conc: 10.70 ng/ml

Instrument :
ECD_Q
ClientSampleId :



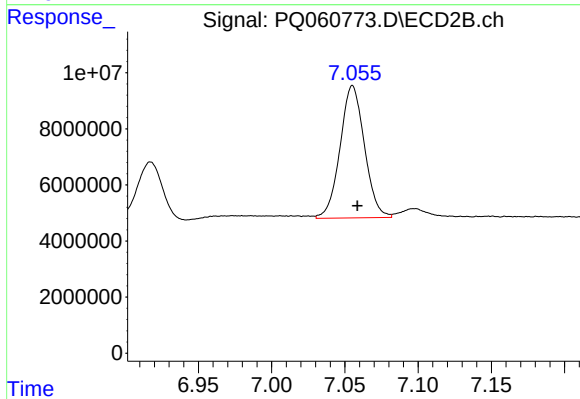
#43 AR-1268-3

R.T.: 6.764 min
Delta R.T.: -0.003 min
Response: 7045628
Conc: 13.00 ng/ml



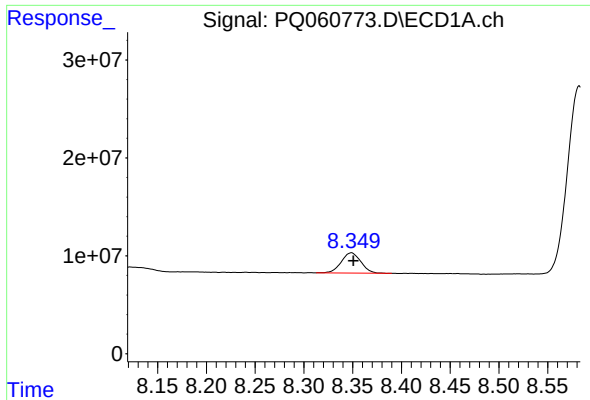
#44 AR-1268-4

R.T.: 8.057 min
Delta R.T.: 0.000 min
Response: 84662313
Conc: 287.09 ng/ml



#44 AR-1268-4

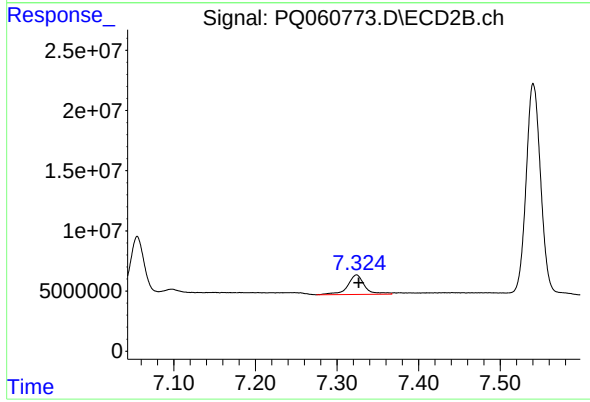
R.T.: 7.055 min
Delta R.T.: -0.003 min
Response: 54746602
Conc: 234.78 ng/ml



#45 AR-1268-5

R.T.: 8.349 min
Delta R.T.: -0.002 min
Response: 29014960
Conc: 15.37 ng/ml

Instrument :
ECD_Q
ClientSampleId :



#45 AR-1268-5

R.T.: 7.324 min
Delta R.T.: -0.003 min
Response: 23493079
Conc: 13.44 ng/ml