

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ041923\
 Data File : PQ060996.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 19 Apr 2023 11:34
 Operator : YP\AJ
 Sample : PB152207BS
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 19 16:07:01 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	2.762	121.6E6	64430612	15.496	16.392
2)	SA Decachlor...	8.585	7.538	89622350	67907247	15.882	14.409
Target Compounds							
3)	L1 AR-1016-1	4.506	3.765	93990172	56018953	337.794	391.324
4)	L1 AR-1016-2	4.524	3.780	139.9E6	82024082	336.566	389.659
5)	L1 AR-1016-3	4.582	3.941	86889708	42891970	333.095	386.808
6)	L1 AR-1016-4	4.674	3.990	71931983	36407573	332.598	386.503
7)	L1 AR-1016-5	4.961	4.185	70794731	44563650	318.099	378.050
8)	L2 AR-1221-1	3.602	2.963	9907630	5220954	99.351	107.244
9)	L2 AR-1221-2	3.684	3.041	12062697	6759187	160.203	181.956
10)	L2 AR-1221-3	3.754	3.109	50404715	29825801	226.580	262.543
11)	L3 AR-1232-1	3.754	3.109	50404715	29825801	294.907	344.584
12)	L3 AR-1232-2	4.247	3.780	69866442	82024082	704.796	863.190
13)	L3 AR-1232-3	4.524	3.941	139.9E6	42891970	745.786	859.596
14)	L3 AR-1232-4	4.674	4.027	71931983	40553777	728.371	952.314 #
15)	L3 AR-1232-5	4.771	4.185	56038604	44563650	825.069	866.553
16)	L4 AR-1242-1	4.506	3.765	93990172	56018953	443.752	502.911
17)	L4 AR-1242-2	4.524	3.780	139.9E6	82024082	444.063	506.836
18)	L4 AR-1242-3	4.582	3.941	86889708	42891970	431.059	507.129
19)	L4 AR-1242-4	4.674	4.027	71931983	40553777	420.450	489.767
20)	L4 AR-1242-5	5.390	4.522	9477096	36163294	55.969	317.038 #
21)	L5 AR-1248-1	4.506	3.765	93990172	56018953	556.731	635.099
22)	L5 AR-1248-2	4.771	3.990	56038604	36407573	244.828	279.268
23)	L5 AR-1248-3	4.961	4.027	70794731	40553777	252.646	323.024 #
24)	L5 AR-1248-4	5.355	4.185	11132699	44563650	35.760	286.043 #
25)	L5 AR-1248-5	5.390	4.559	9477096	5750556	31.610	37.489
26)	L6 AR-1254-1	5.327	4.522	53184461	36163294	167.091	155.806
27)	L6 AR-1254-2	5.546	4.668	60586834	35355405	123.006	168.432 #
28)	L6 AR-1254-3	5.898	5.051	32613534	17976663	64.512	54.455
29)	L6 AR-1254-4	6.180	5.277	21106811	7100313	56.367	33.921 #
30)	L6 AR-1254-5	6.595	5.682	182.4E6	128.1E6	431.406	391.687
31)	L7 AR-1260-1	6.063	5.179	125.5E6	86661626	326.323	374.084
32)	L7 AR-1260-2	6.323	5.370	150.2E6	106.4E6	327.987	371.324
33)	L7 AR-1260-3	6.677	5.511	96310208	97884818	332.659	359.107
34)	L7 AR-1260-4	6.894	5.973	110.3E6	73679672	320.370	364.356
35)	L7 AR-1260-5	7.205	6.219	212.2E6	162.0E6	324.736	350.116
36)	L8 AR-1262-1	6.677	5.726	96310208	71375578	202.354	224.705
37)	L8 AR-1262-2	7.205	6.219	212.2E6	162.0E6	271.496	277.911
38)	L8 AR-1262-3	7.483	6.498	137.8E6	33967149	261.739	142.838 #
39)	L8 AR-1262-4	7.553	6.555	77646085	124.7E6	188.432	281.982 #
40)	L8 AR-1262-5	8.059	7.053	50218461	38196786	185.645	180.571
41)	L9 AR-1268-1	7.483	6.498	137.8E6	33967149	158.332	50.523 #

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 Operator : YP\AJ
 Sample : PB152207BS
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

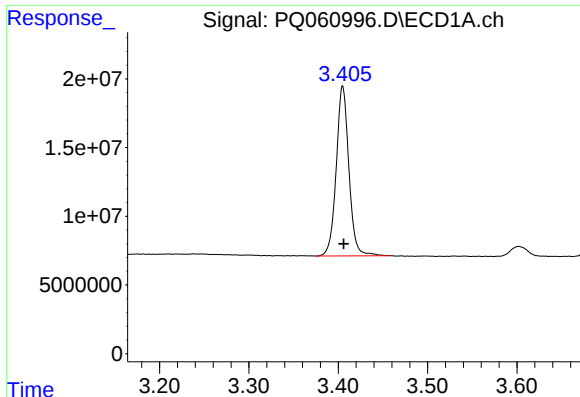
Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 19 16:07:01 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ032723.M
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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	6.555	77646085	124.7E6	97.978	201.721 #
43) L9	AR-1268-3	7.738	6.761	4091077	3328598	6.165	6.144
44) L9	AR-1268-4	8.059	7.053	50218461	38196786	170.294	163.807
45) L9	AR-1268-5	8.352	7.321	16513280	12996700	8.748	7.436

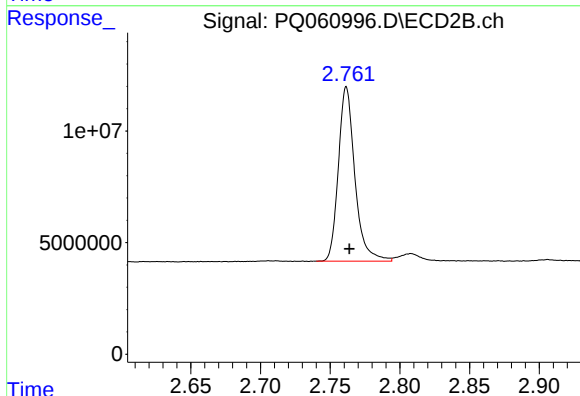
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

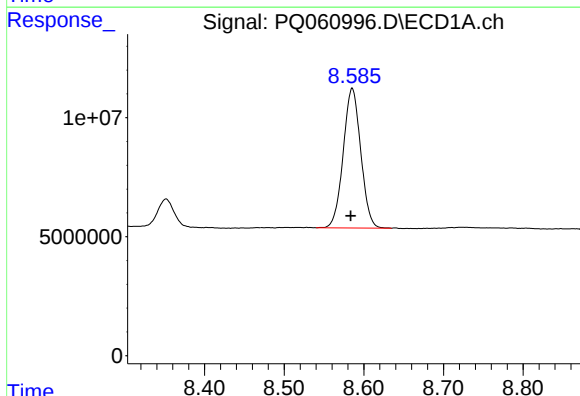
R.T.: 3.405 min
Delta R.T.: 0.000 min
Response: 121642181
Conc: 15.50 ng/ml

Instrument :
ECD_Q
ClientSampleId :



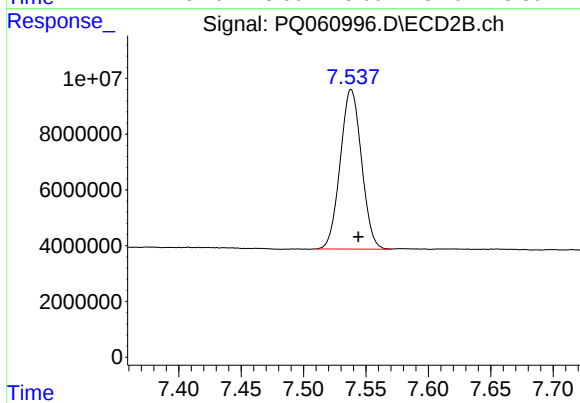
#1 Tetrachloro-m-xylene

R.T.: 2.762 min
Delta R.T.: -0.002 min
Response: 64430612
Conc: 16.39 ng/ml



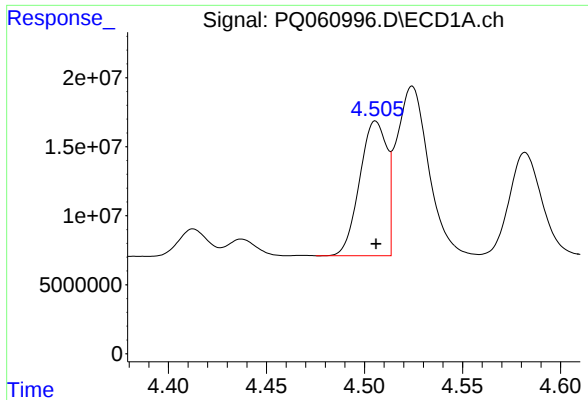
#2 Decachlorobiphenyl

R.T.: 8.585 min
Delta R.T.: 0.002 min
Response: 89622350
Conc: 15.88 ng/ml



#2 Decachlorobiphenyl

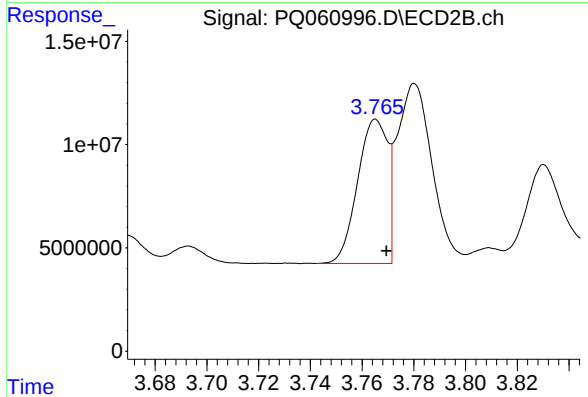
R.T.: 7.538 min
Delta R.T.: -0.006 min
Response: 67907247
Conc: 14.41 ng/ml



#3 AR-1016-1

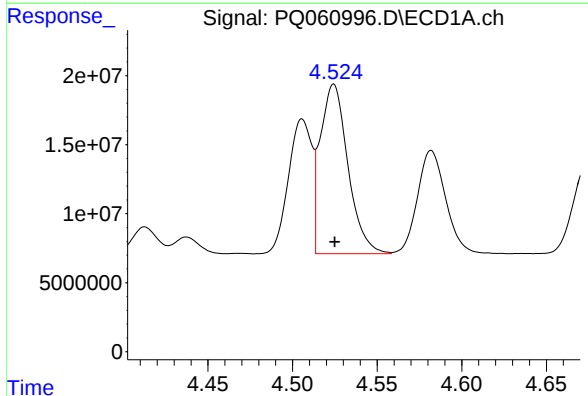
R.T.: 4.506 min
Delta R.T.: 0.000 min
Response: 93990172
Conc: 337.79 ng/ml

Instrument :
ECD_Q
ClientSampleId :



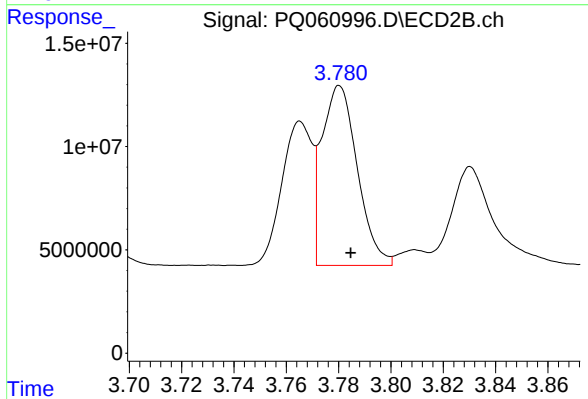
#3 AR-1016-1

R.T.: 3.765 min
Delta R.T.: -0.004 min
Response: 56018953
Conc: 391.32 ng/ml



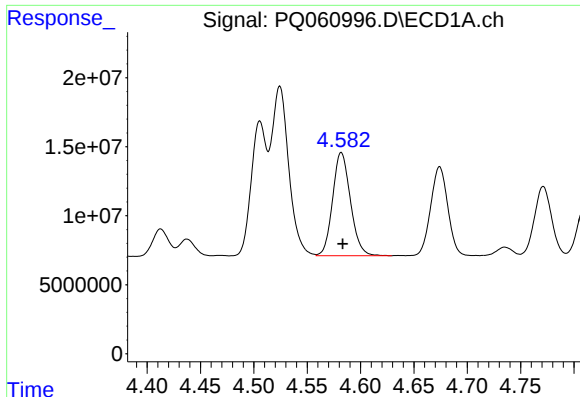
#4 AR-1016-2

R.T.: 4.524 min
Delta R.T.: 0.000 min
Response: 139875831
Conc: 336.57 ng/ml



#4 AR-1016-2

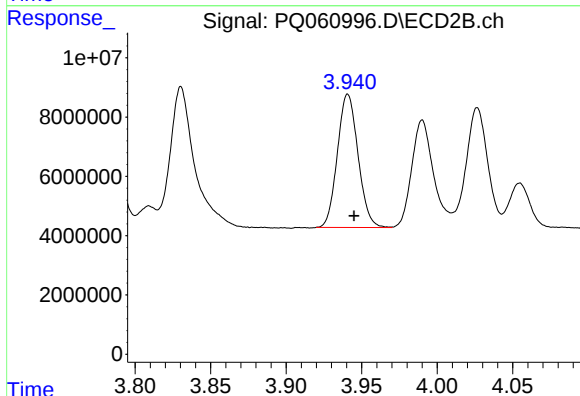
R.T.: 3.780 min
Delta R.T.: -0.004 min
Response: 82024082
Conc: 389.66 ng/ml



#5 AR-1016-3

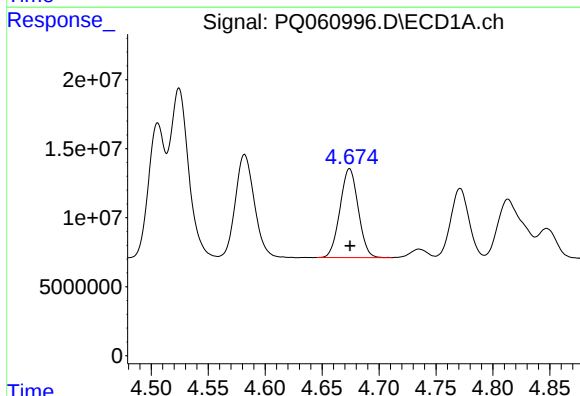
R.T.: 4.582 min
Delta R.T.: -0.001 min
Response: 86889708
Conc: 333.09 ng/ml

Instrument :
ECD_Q
ClientSampleId :



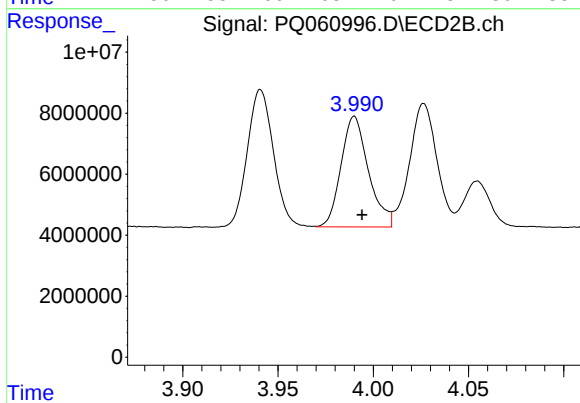
#5 AR-1016-3

R.T.: 3.941 min
Delta R.T.: -0.004 min
Response: 42891970
Conc: 386.81 ng/ml



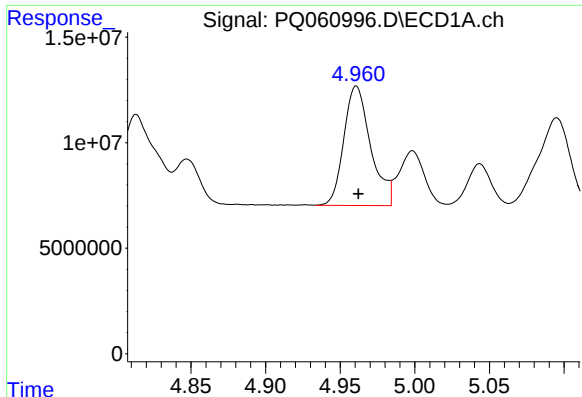
#6 AR-1016-4

R.T.: 4.674 min
Delta R.T.: 0.000 min
Response: 71931983
Conc: 332.60 ng/ml



#6 AR-1016-4

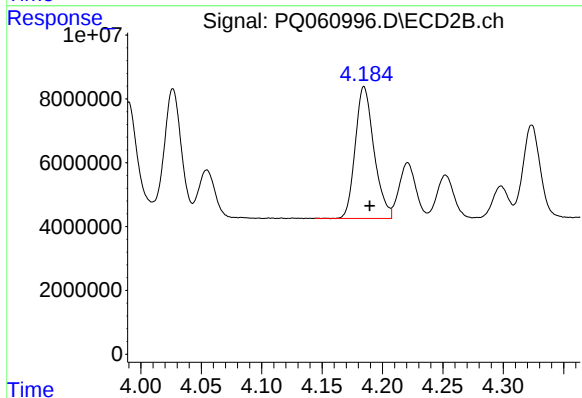
R.T.: 3.990 min
Delta R.T.: -0.004 min
Response: 36407573
Conc: 386.50 ng/ml



#7 AR-1016-5

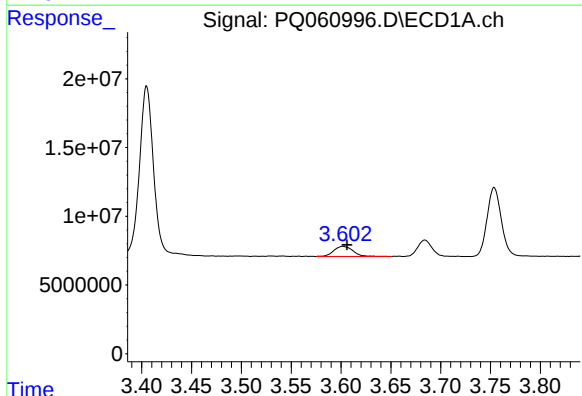
R.T.: 4.961 min
Delta R.T.: -0.001 min
Response: 70794731
Conc: 318.10 ng/ml

Instrument :
ECD_Q
ClientSampleId :



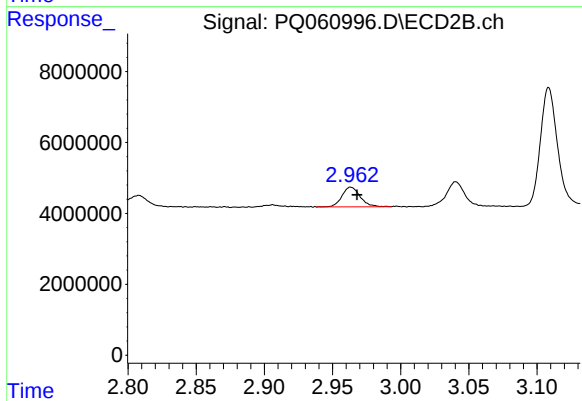
#7 AR-1016-5

R.T.: 4.185 min
Delta R.T.: -0.005 min
Response: 44563650
Conc: 378.05 ng/ml



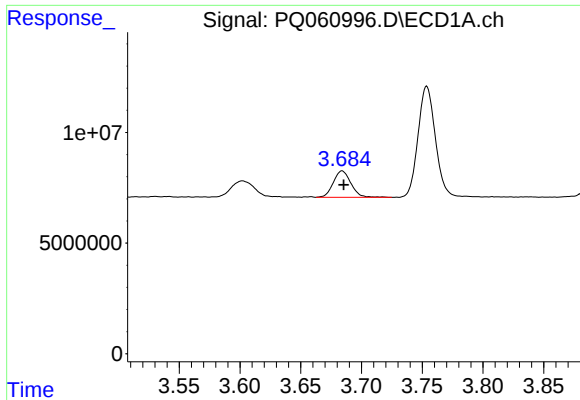
#8 AR-1221-1

R.T.: 3.602 min
Delta R.T.: -0.004 min
Response: 9907630
Conc: 99.35 ng/ml



#8 AR-1221-1

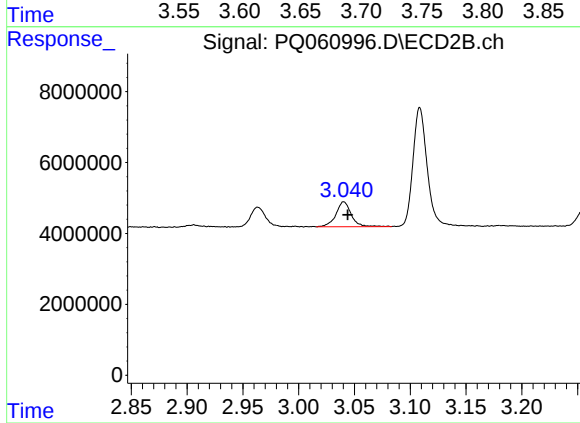
R.T.: 2.963 min
Delta R.T.: -0.004 min
Response: 5220954
Conc: 107.24 ng/ml



#9 AR-1221-2

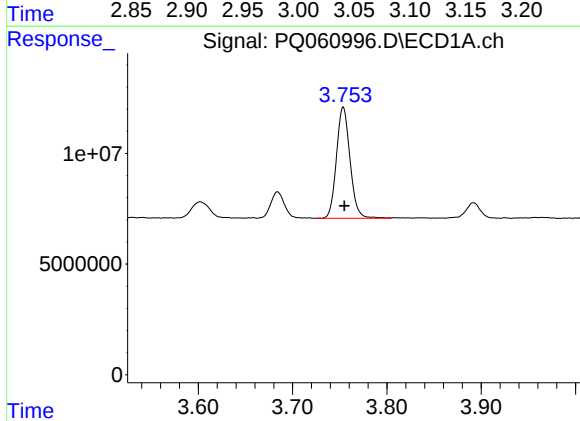
R.T.: 3.684 min
Delta R.T.: -0.001 min
Response: 12062697
Conc: 160.20 ng/ml

Instrument :
ECD_Q
ClientSampleId :



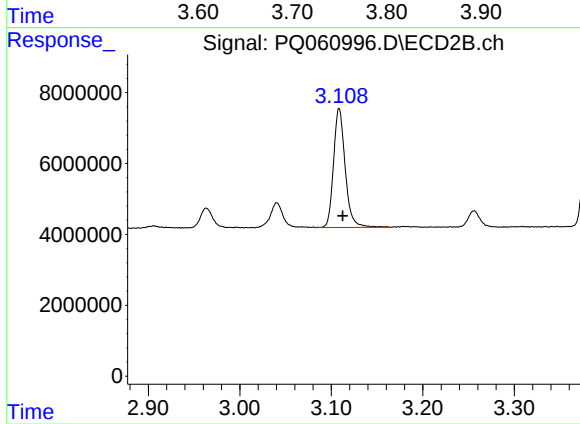
#9 AR-1221-2

R.T.: 3.041 min
Delta R.T.: -0.003 min
Response: 6759187
Conc: 181.96 ng/ml



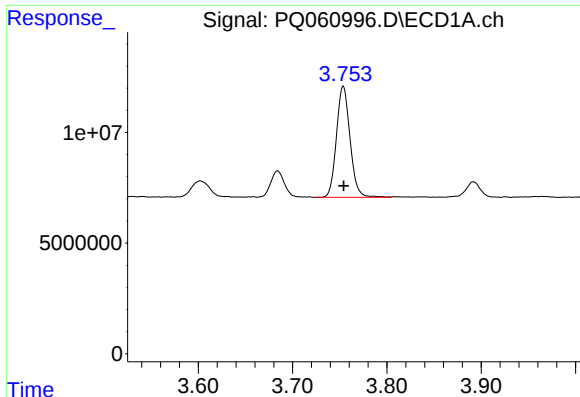
#10 AR-1221-3

R.T.: 3.754 min
Delta R.T.: -0.001 min
Response: 50404715
Conc: 226.58 ng/ml



#10 AR-1221-3

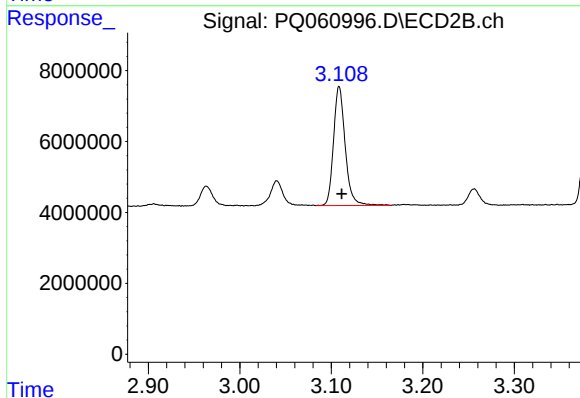
R.T.: 3.109 min
Delta R.T.: -0.004 min
Response: 29825801
Conc: 262.54 ng/ml



#11 AR-1232-1

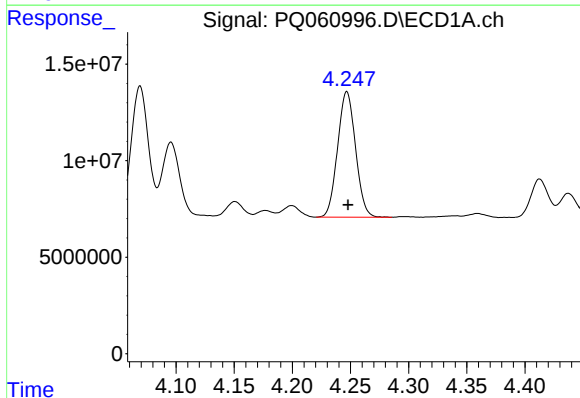
R.T.: 3.754 min
Delta R.T.: 0.000 min
Response: 50404715
Conc: 294.91 ng/ml

Instrument :
ECD_Q
ClientSampleId :



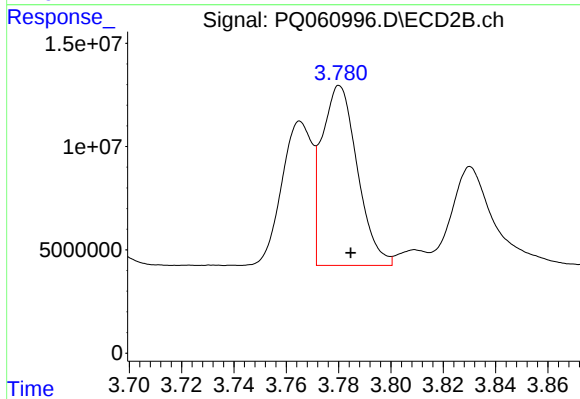
#11 AR-1232-1

R.T.: 3.109 min
Delta R.T.: -0.003 min
Response: 29825801
Conc: 344.58 ng/ml



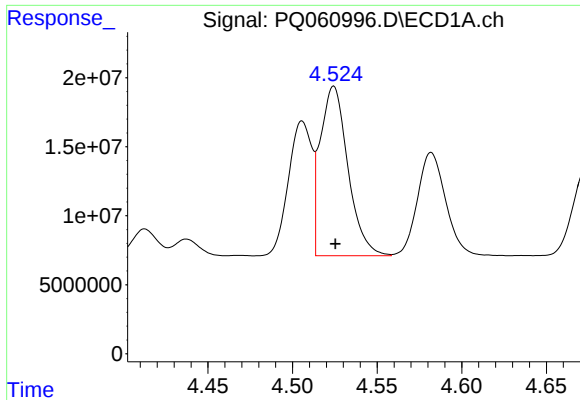
#12 AR-1232-2

R.T.: 4.247 min
Delta R.T.: 0.000 min
Response: 69866442
Conc: 704.80 ng/ml



#12 AR-1232-2

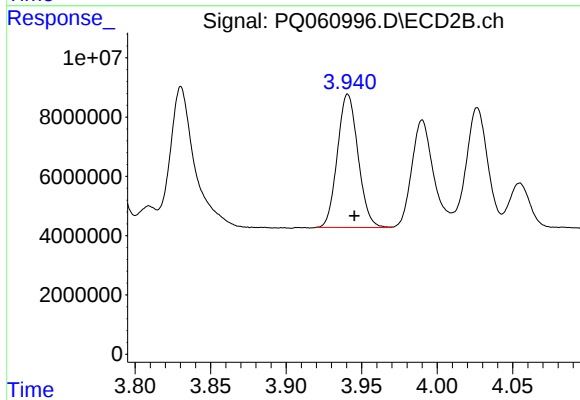
R.T.: 3.780 min
Delta R.T.: -0.004 min
Response: 82024082
Conc: 863.19 ng/ml



#13 AR-1232-3

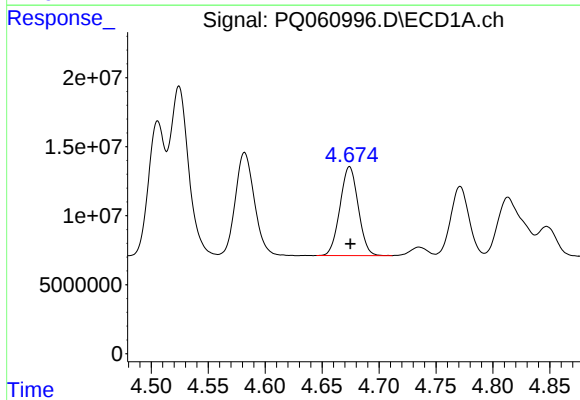
R.T.: 4.524 min
Delta R.T.: -0.001 min
Response: 139875831
Conc: 745.79 ng/ml

Instrument :
ECD_Q
ClientSampleId :



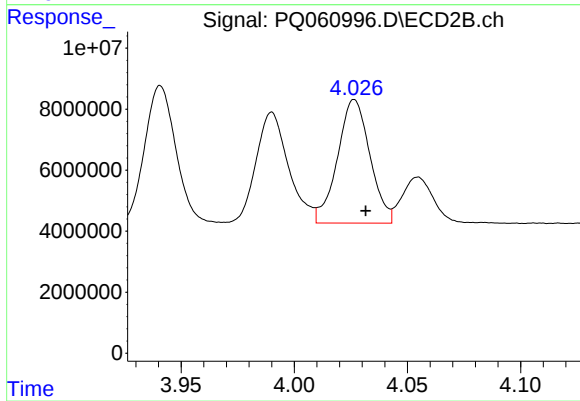
#13 AR-1232-3

R.T.: 3.941 min
Delta R.T.: -0.004 min
Response: 42891970
Conc: 859.60 ng/ml



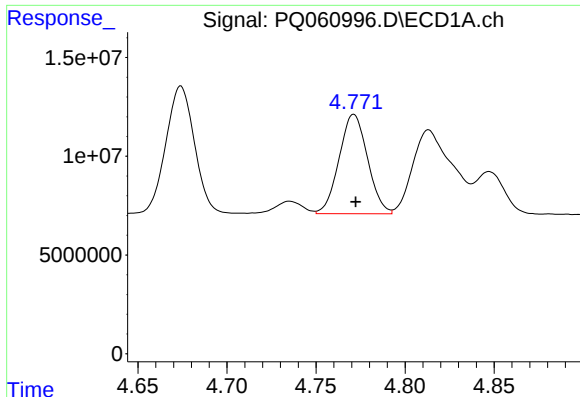
#14 AR-1232-4

R.T.: 4.674 min
Delta R.T.: 0.000 min
Response: 71931983
Conc: 728.37 ng/ml



#14 AR-1232-4

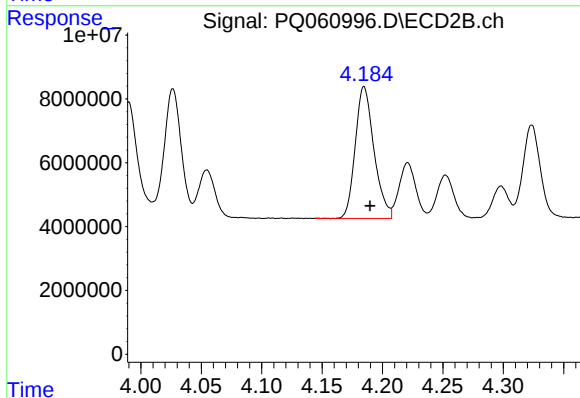
R.T.: 4.027 min
Delta R.T.: -0.005 min
Response: 40553777
Conc: 952.31 ng/ml



#15 AR-1232-5

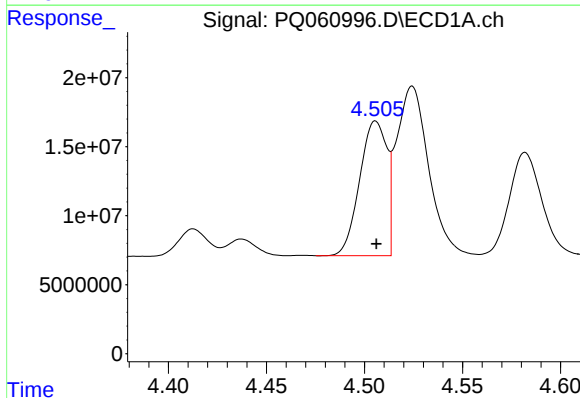
R.T.: 4.771 min
Delta R.T.: -0.001 min
Response: 56038604
Conc: 825.07 ng/ml

Instrument :
ECD_Q
ClientSampleId :



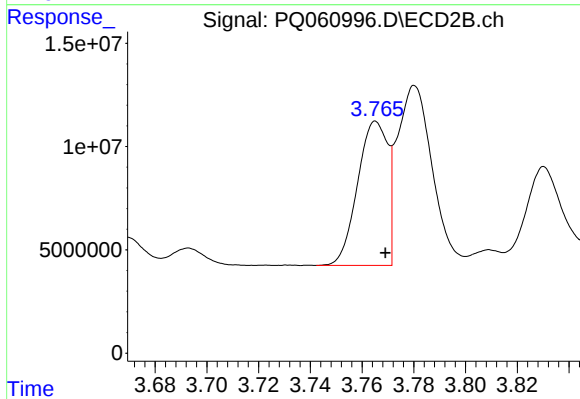
#15 AR-1232-5

R.T.: 4.185 min
Delta R.T.: -0.005 min
Response: 44563650
Conc: 866.55 ng/ml



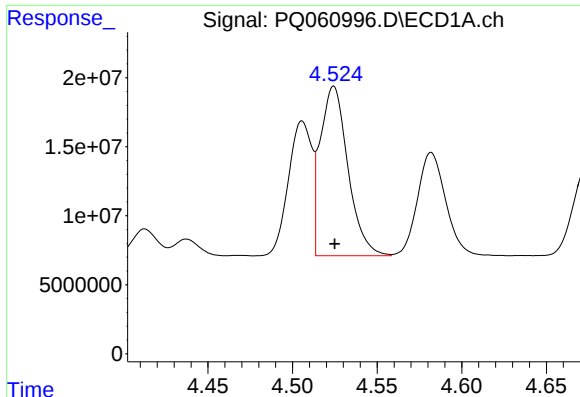
#16 AR-1242-1

R.T.: 4.506 min
Delta R.T.: 0.000 min
Response: 93990172
Conc: 443.75 ng/ml



#16 AR-1242-1

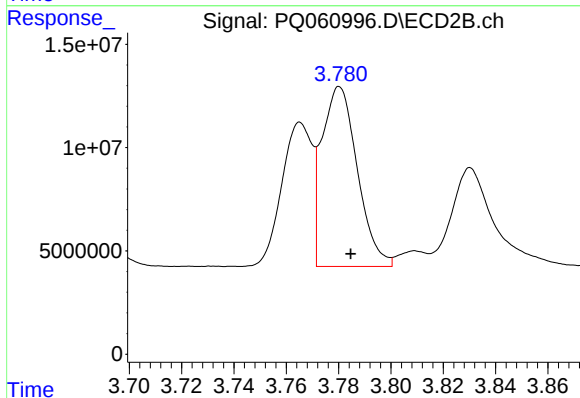
R.T.: 3.765 min
Delta R.T.: -0.004 min
Response: 56018953
Conc: 502.91 ng/ml



#17 AR-1242-2

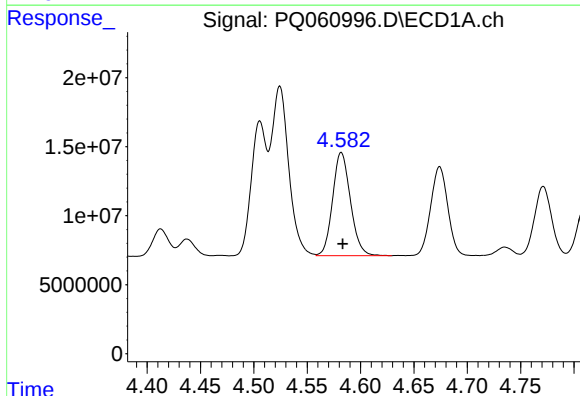
R.T.: 4.524 min
Delta R.T.: 0.000 min
Response: 139875831
Conc: 444.06 ng/ml

Instrument :
ECD_Q
ClientSampleId :



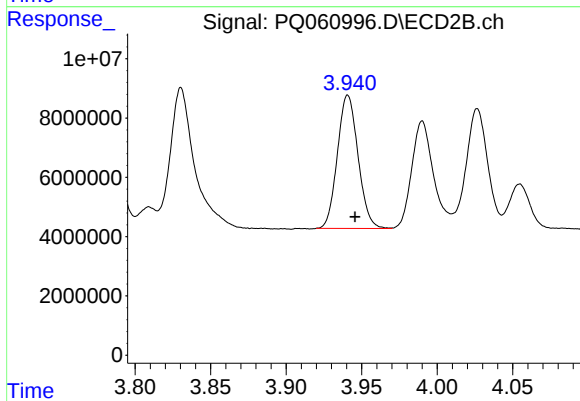
#17 AR-1242-2

R.T.: 3.780 min
Delta R.T.: -0.004 min
Response: 82024082
Conc: 506.84 ng/ml



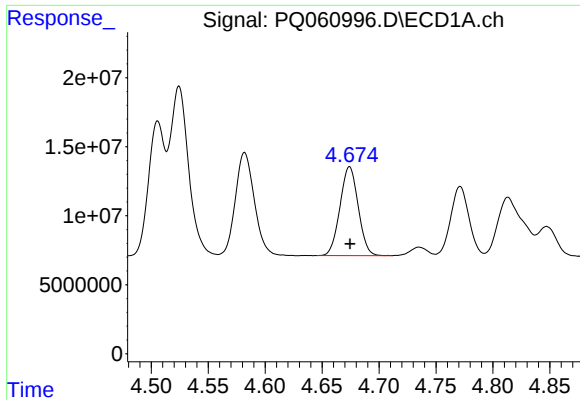
#18 AR-1242-3

R.T.: 4.582 min
Delta R.T.: -0.001 min
Response: 86889708
Conc: 431.06 ng/ml



#18 AR-1242-3

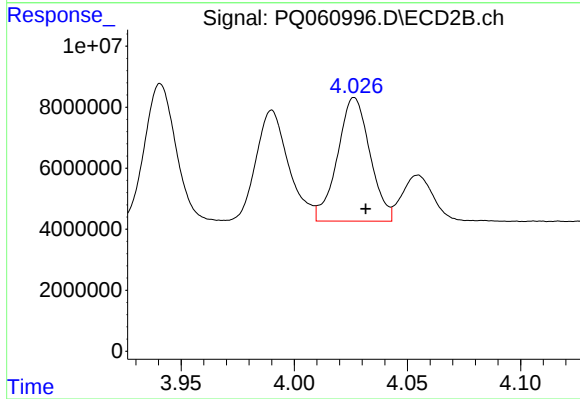
R.T.: 3.941 min
Delta R.T.: -0.005 min
Response: 42891970
Conc: 507.13 ng/ml



#19 AR-1242-4

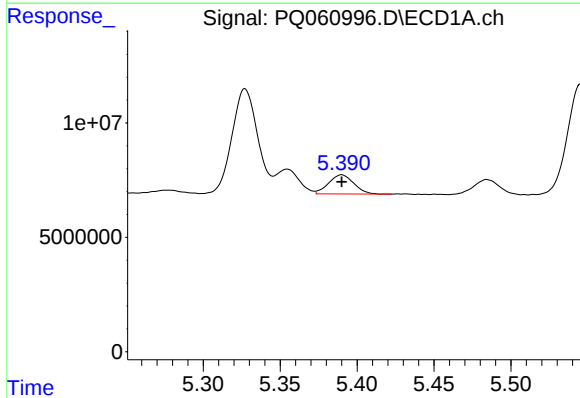
R.T.: 4.674 min
Delta R.T.: 0.000 min
Response: 71931983
Conc: 420.45 ng/ml

Instrument :
ECD_Q
ClientSampleId :



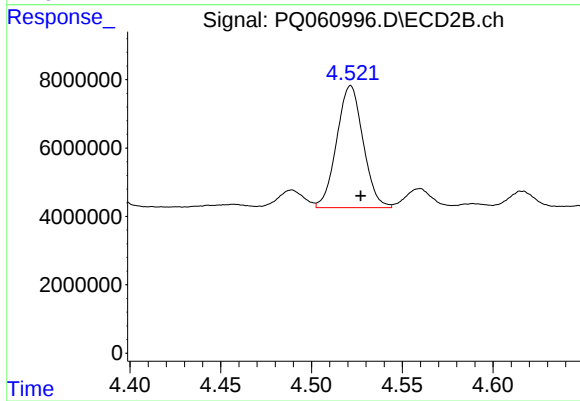
#19 AR-1242-4

R.T.: 4.027 min
Delta R.T.: -0.005 min
Response: 40553777
Conc: 489.77 ng/ml



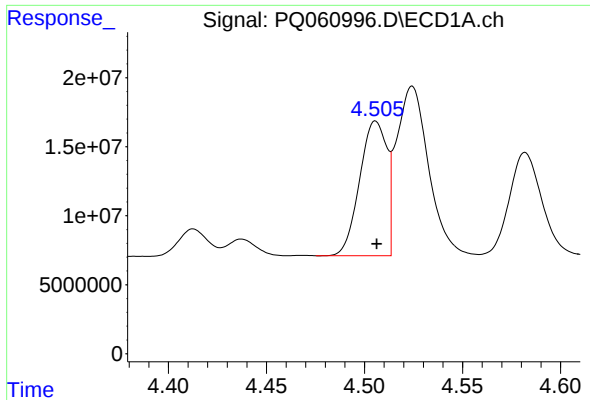
#20 AR-1242-5

R.T.: 5.390 min
Delta R.T.: 0.000 min
Response: 9477096
Conc: 55.97 ng/ml



#20 AR-1242-5

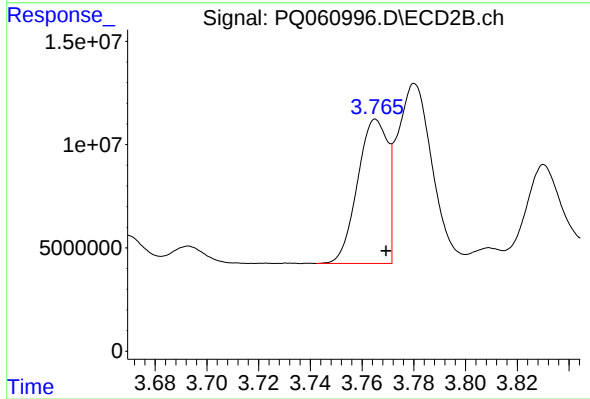
R.T.: 4.522 min
Delta R.T.: -0.005 min
Response: 36163294
Conc: 317.04 ng/ml



#21 AR-1248-1

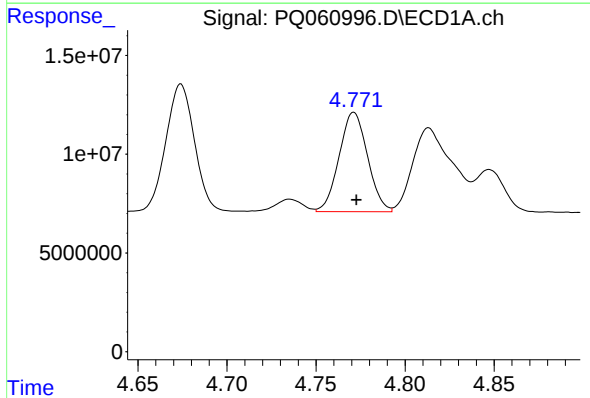
R.T.: 4.506 min
Delta R.T.: 0.000 min
Response: 93990172
Conc: 556.73 ng/ml

Instrument :
ECD_Q
ClientSampleId :



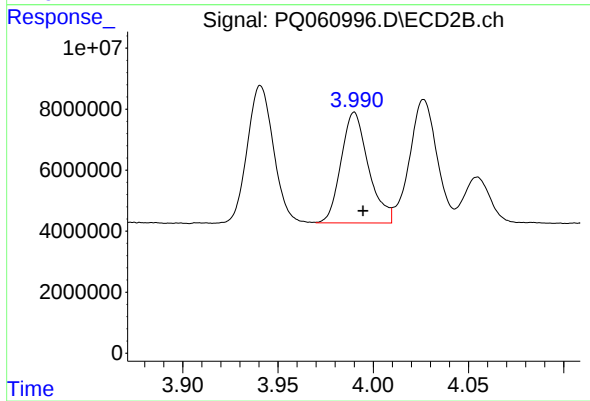
#21 AR-1248-1

R.T.: 3.765 min
Delta R.T.: -0.004 min
Response: 56018953
Conc: 635.10 ng/ml



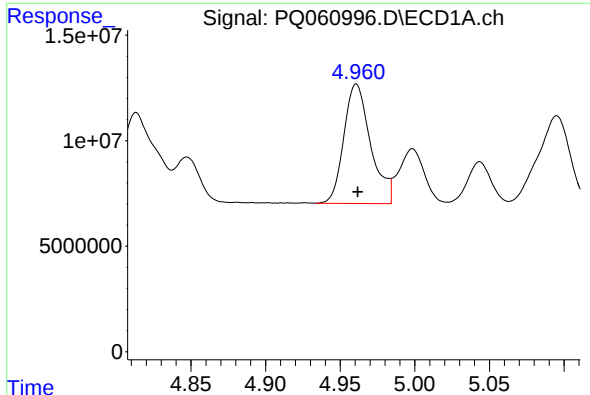
#22 AR-1248-2

R.T.: 4.771 min
Delta R.T.: -0.001 min
Response: 56038604
Conc: 244.83 ng/ml



#22 AR-1248-2

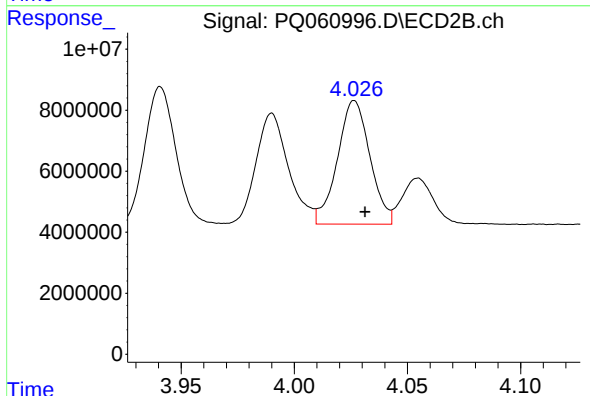
R.T.: 3.990 min
Delta R.T.: -0.005 min
Response: 36407573
Conc: 279.27 ng/ml



#23 AR-1248-3

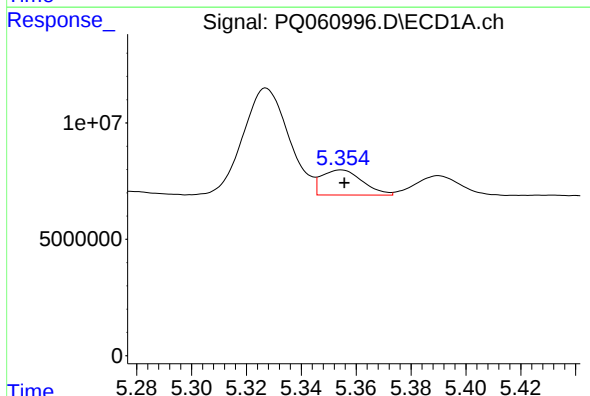
R.T.: 4.961 min
Delta R.T.: 0.000 min
Response: 70794731
Conc: 252.65 ng/ml

Instrument :
ECD_Q
ClientSampleId :



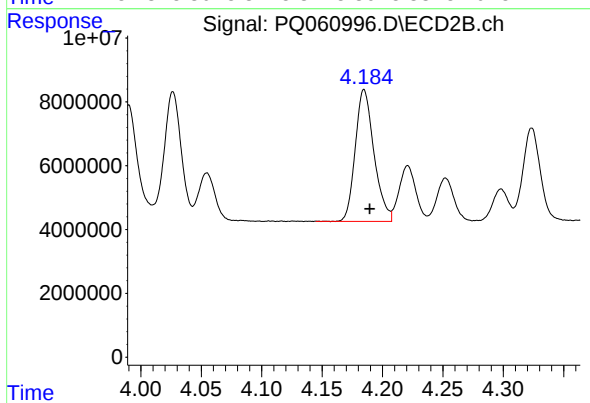
#23 AR-1248-3

R.T.: 4.027 min
Delta R.T.: -0.005 min
Response: 40553777
Conc: 323.02 ng/ml



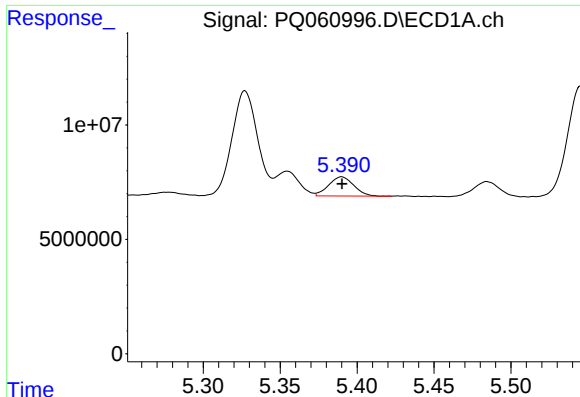
#24 AR-1248-4

R.T.: 5.355 min
Delta R.T.: -0.001 min
Response: 11132699
Conc: 35.76 ng/ml



#24 AR-1248-4

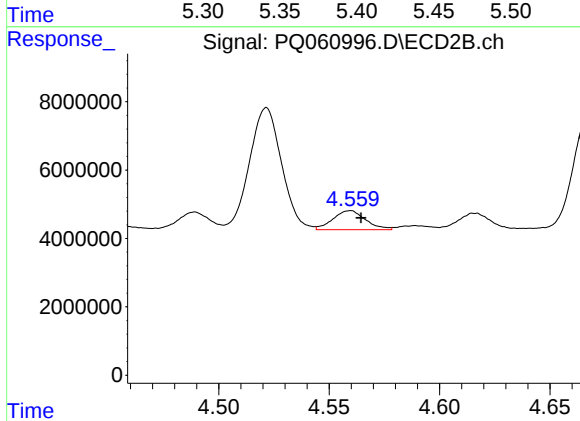
R.T.: 4.185 min
Delta R.T.: -0.005 min
Response: 44563650
Conc: 286.04 ng/ml



#25 AR-1248-5

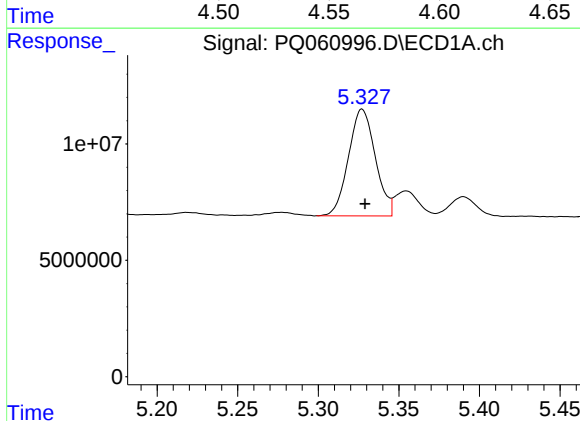
R.T.: 5.390 min
Delta R.T.: 0.000 min
Response: 9477096
Conc: 31.61 ng/ml

Instrument :
ECD_Q
ClientSampleId :



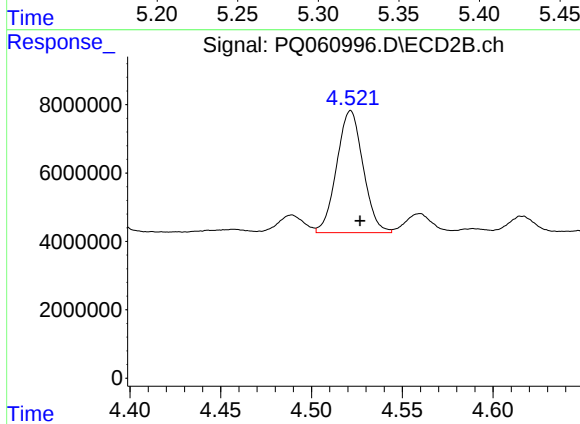
#25 AR-1248-5

R.T.: 4.559 min
Delta R.T.: -0.005 min
Response: 5750556
Conc: 37.49 ng/ml



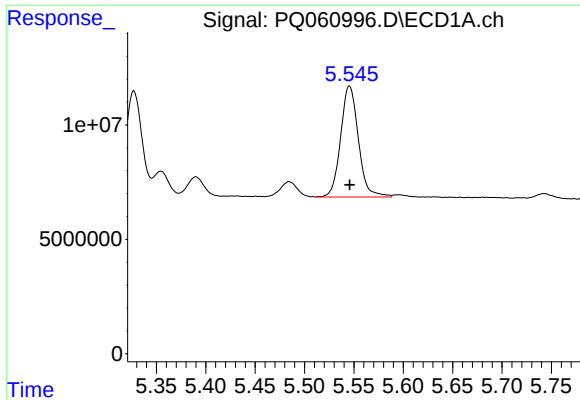
#26 AR-1254-1

R.T.: 5.327 min
Delta R.T.: -0.002 min
Response: 53184461
Conc: 167.09 ng/ml



#26 AR-1254-1

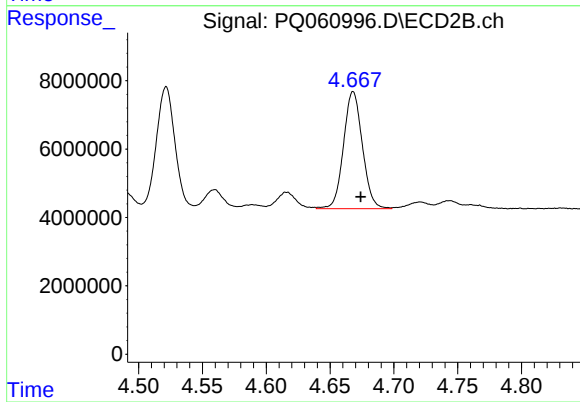
R.T.: 4.522 min
Delta R.T.: -0.005 min
Response: 36163294
Conc: 155.81 ng/ml



#27 AR-1254-2

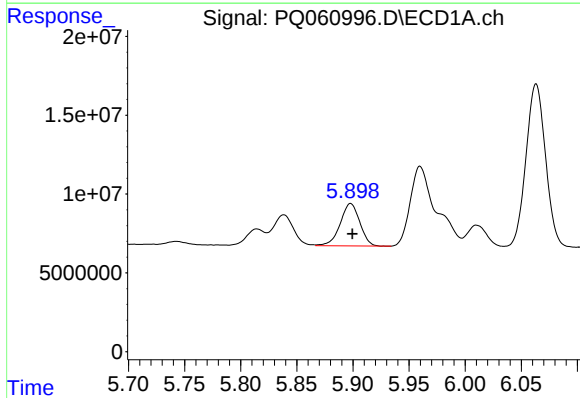
R.T.: 5.546 min
Delta R.T.: 0.000 min
Response: 60586834
Conc: 123.01 ng/ml

Instrument :
ECD_Q
ClientSampleId :



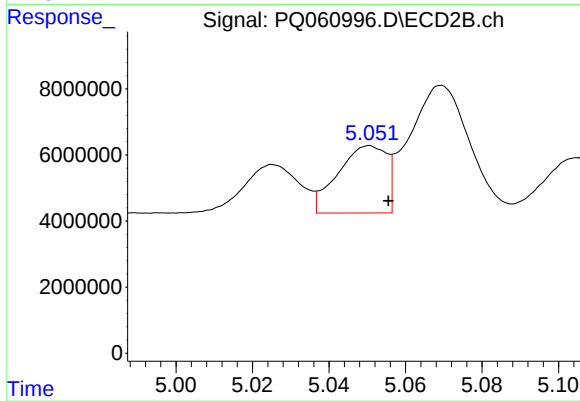
#27 AR-1254-2

R.T.: 4.668 min
Delta R.T.: -0.006 min
Response: 35355405
Conc: 168.43 ng/ml



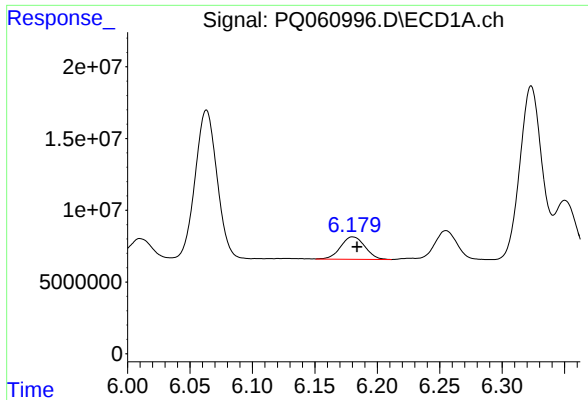
#28 AR-1254-3

R.T.: 5.898 min
Delta R.T.: -0.002 min
Response: 32613534
Conc: 64.51 ng/ml



#28 AR-1254-3

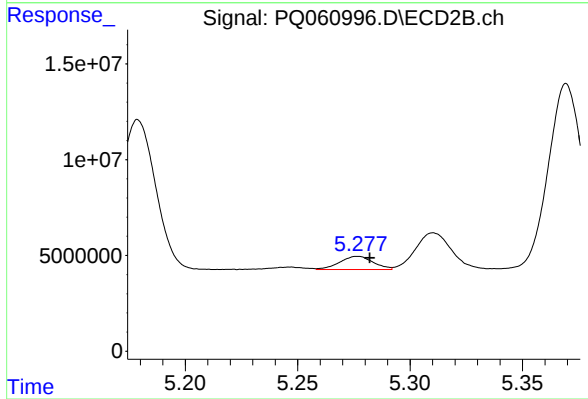
R.T.: 5.051 min
Delta R.T.: -0.005 min
Response: 17976663
Conc: 54.45 ng/ml



#29 AR-1254-4

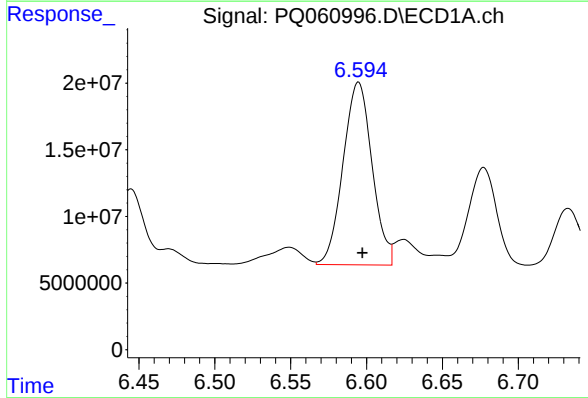
R.T.: 6.180 min
Delta R.T.: -0.003 min
Response: 21106811
Conc: 56.37 ng/ml

Instrument :
ECD_Q
ClientSampleId :



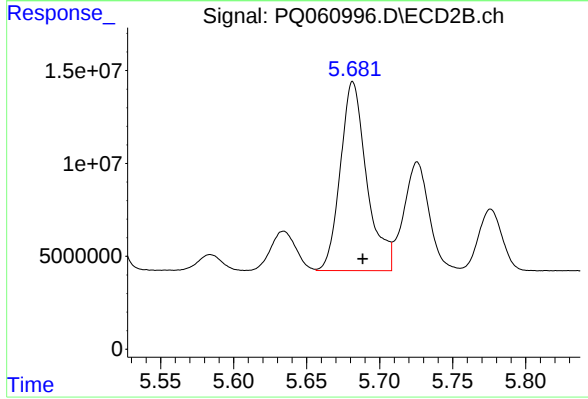
#29 AR-1254-4

R.T.: 5.277 min
Delta R.T.: -0.005 min
Response: 7100313
Conc: 33.92 ng/ml



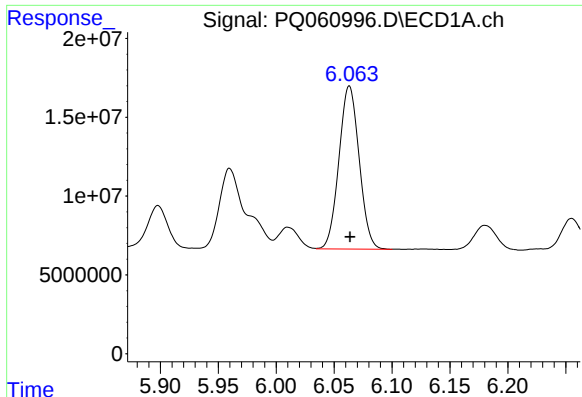
#30 AR-1254-5

R.T.: 6.595 min
Delta R.T.: -0.003 min
Response: 182425687
Conc: 431.41 ng/ml



#30 AR-1254-5

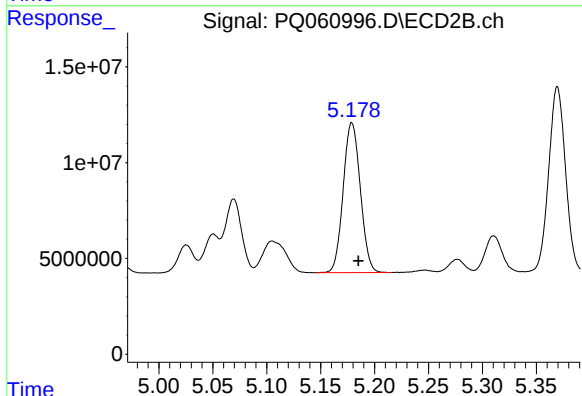
R.T.: 5.682 min
Delta R.T.: -0.007 min
Response: 128103778
Conc: 391.69 ng/ml



#31 AR-1260-1

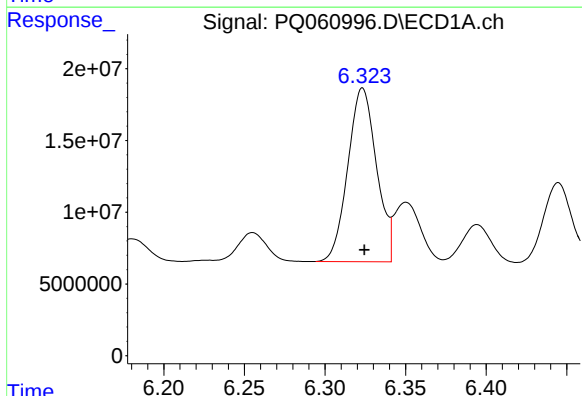
R.T.: 6.063 min
Delta R.T.: 0.000 min
Response: 125460569
Conc: 326.32 ng/ml

Instrument :
ECD_Q
ClientSampleId :



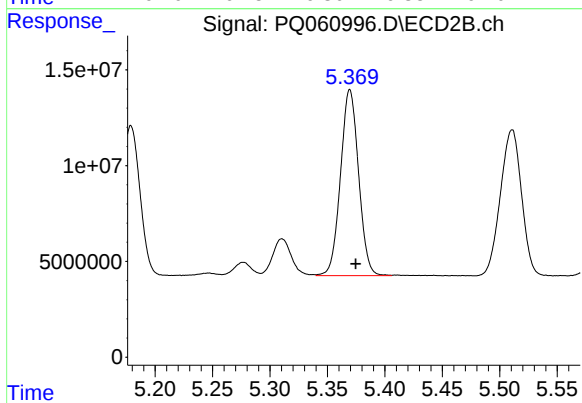
#31 AR-1260-1

R.T.: 5.179 min
Delta R.T.: -0.006 min
Response: 86661626
Conc: 374.08 ng/ml



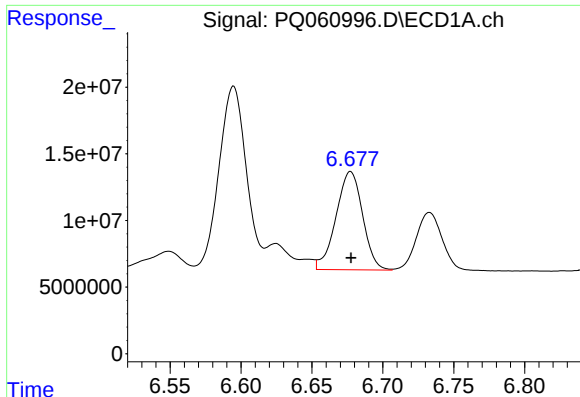
#32 AR-1260-2

R.T.: 6.323 min
Delta R.T.: -0.001 min
Response: 150219229
Conc: 327.99 ng/ml



#32 AR-1260-2

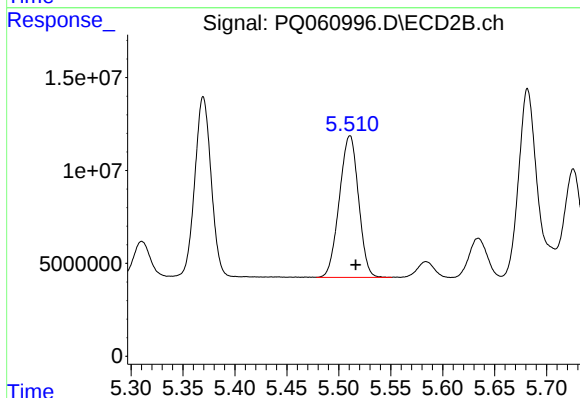
R.T.: 5.370 min
Delta R.T.: -0.005 min
Response: 106412177
Conc: 371.32 ng/ml



#33 AR-1260-3

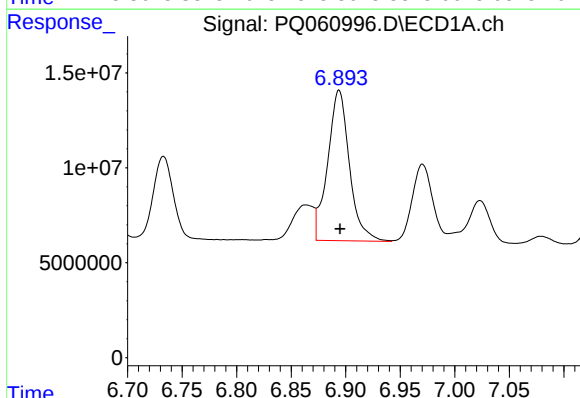
R.T.: 6.677 min
Delta R.T.: 0.000 min
Response: 96310208
Conc: 332.66 ng/ml

Instrument :
ECD_Q
ClientSampleId :



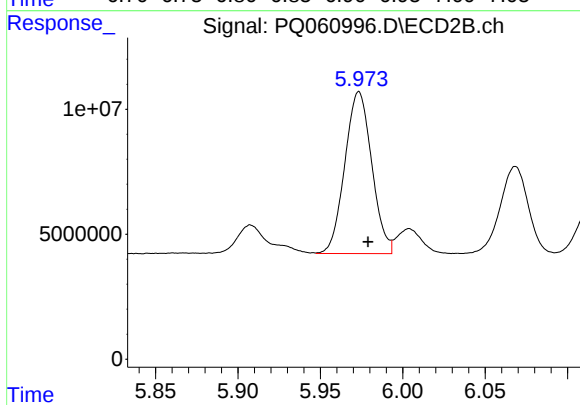
#33 AR-1260-3

R.T.: 5.511 min
Delta R.T.: -0.006 min
Response: 97884818
Conc: 359.11 ng/ml



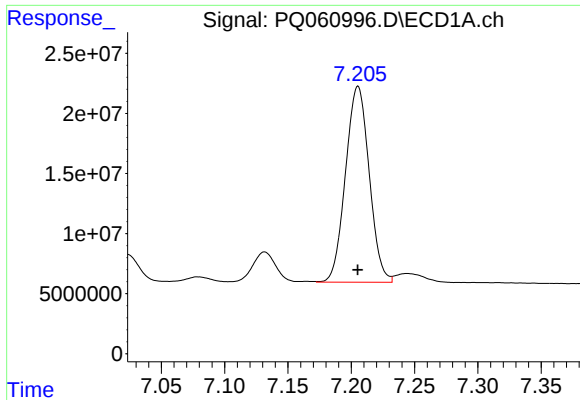
#34 AR-1260-4

R.T.: 6.894 min
Delta R.T.: 0.000 min
Response: 110317552
Conc: 320.37 ng/ml



#34 AR-1260-4

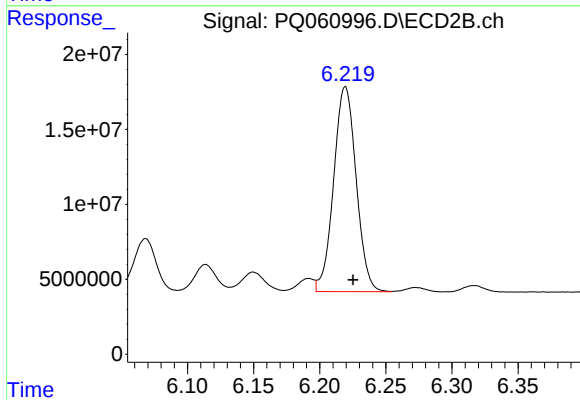
R.T.: 5.973 min
Delta R.T.: -0.006 min
Response: 73679672
Conc: 364.36 ng/ml



#35 AR-1260-5

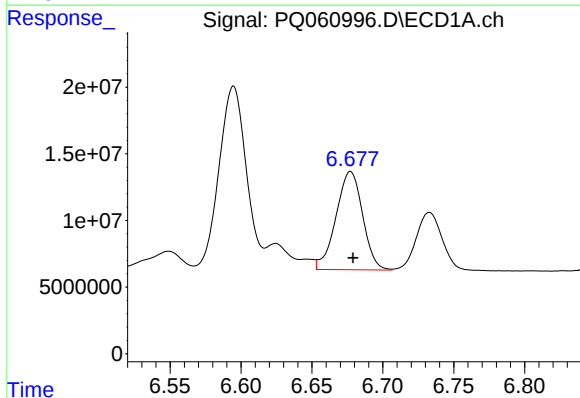
R.T.: 7.205 min
Delta R.T.: 0.000 min
Response: 212236523
Conc: 324.74 ng/ml

Instrument :
ECD_Q
ClientSampleId :



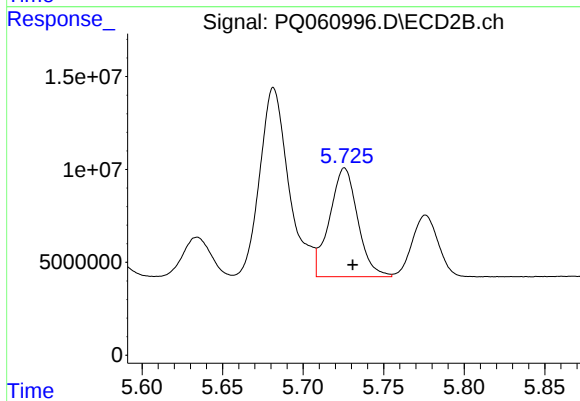
#35 AR-1260-5

R.T.: 6.219 min
Delta R.T.: -0.006 min
Response: 162013465
Conc: 350.12 ng/ml



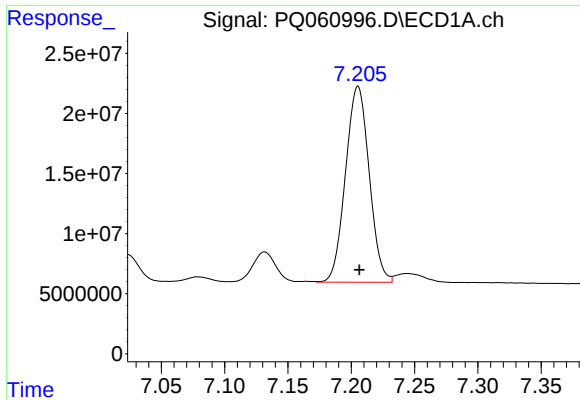
#36 AR-1262-1

R.T.: 6.677 min
Delta R.T.: -0.002 min
Response: 96310208
Conc: 202.35 ng/ml



#36 AR-1262-1

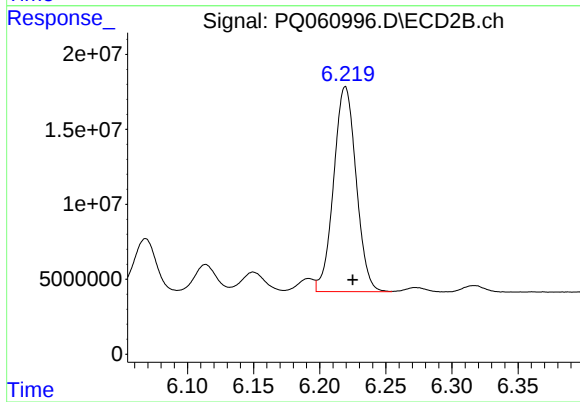
R.T.: 5.726 min
Delta R.T.: -0.005 min
Response: 71375578
Conc: 224.71 ng/ml



#37 AR-1262-2

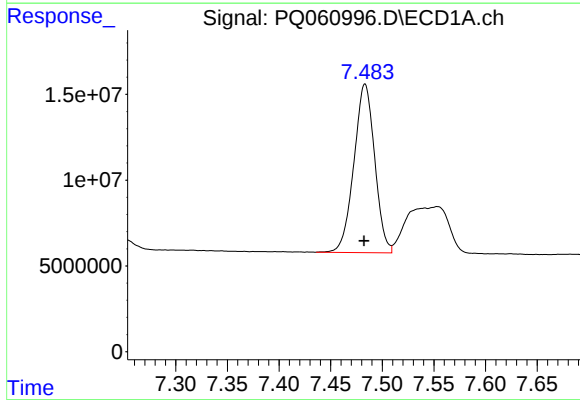
R.T.: 7.205 min
Delta R.T.: -0.001 min
Response: 212236523
Conc: 271.50 ng/ml

Instrument :
ECD_Q
ClientSampleId :



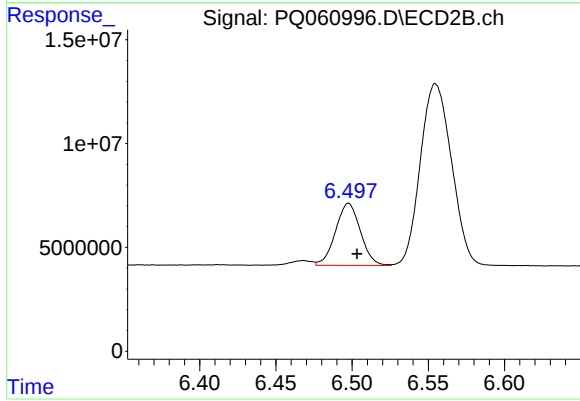
#37 AR-1262-2

R.T.: 6.219 min
Delta R.T.: -0.006 min
Response: 162013465
Conc: 277.91 ng/ml



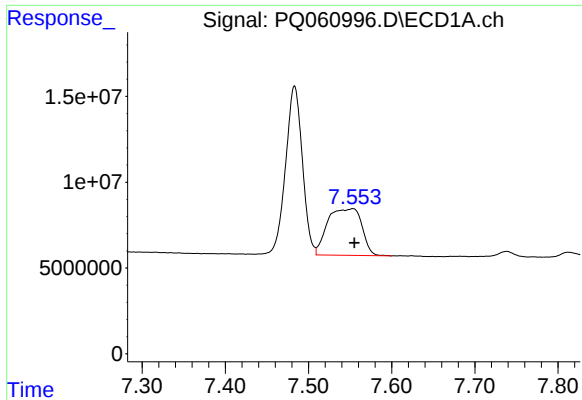
#38 AR-1262-3

R.T.: 7.483 min
Delta R.T.: 0.000 min
Response: 137751602
Conc: 261.74 ng/ml



#38 AR-1262-3

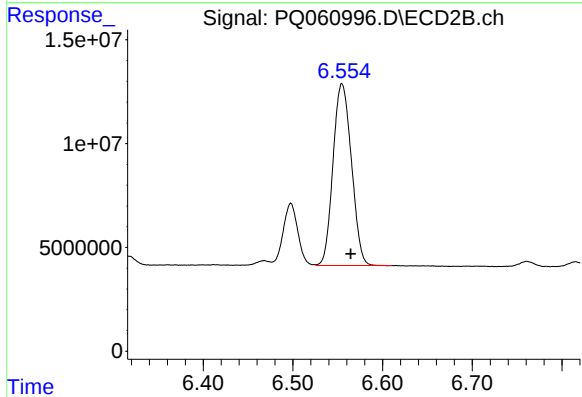
R.T.: 6.498 min
Delta R.T.: -0.006 min
Response: 33967149
Conc: 142.84 ng/ml



#39 AR-1262-4

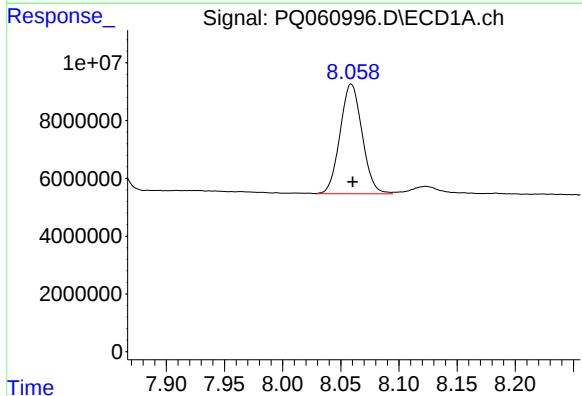
R.T.: 7.553 min
Delta R.T.: -0.002 min
Response: 77646085
Conc: 188.43 ng/ml

Instrument :
ECD_Q
ClientSampleId :



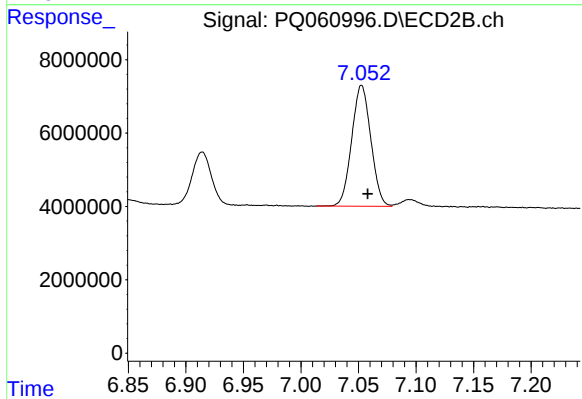
#39 AR-1262-4

R.T.: 6.555 min
Delta R.T.: -0.010 min
Response: 124695422
Conc: 281.98 ng/ml



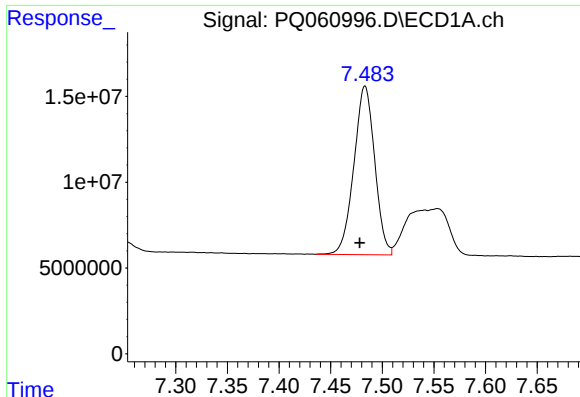
#40 AR-1262-5

R.T.: 8.059 min
Delta R.T.: -0.001 min
Response: 50218461
Conc: 185.65 ng/ml



#40 AR-1262-5

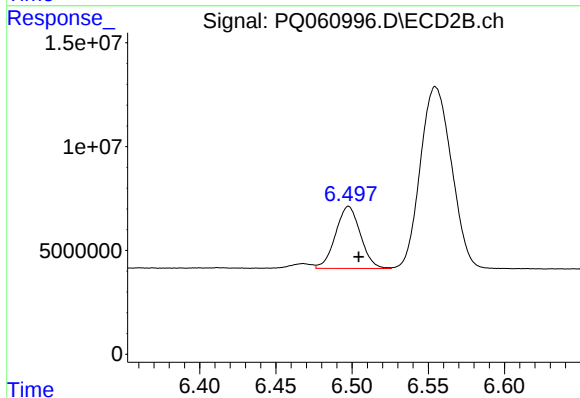
R.T.: 7.053 min
Delta R.T.: -0.005 min
Response: 38196786
Conc: 180.57 ng/ml



#41 AR-1268-1

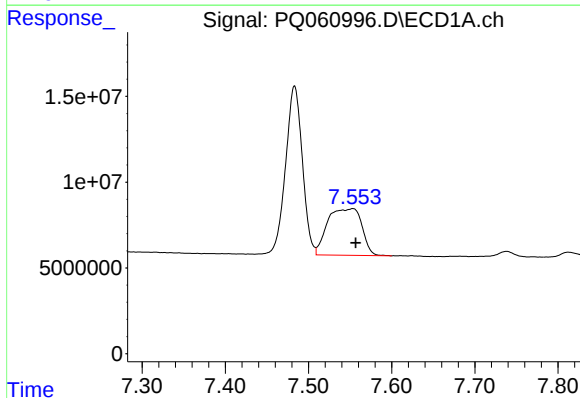
R.T.: 7.483 min
Delta R.T.: 0.005 min
Response: 137751602
Conc: 158.33 ng/ml

Instrument :
ECD_Q
ClientSampleId :



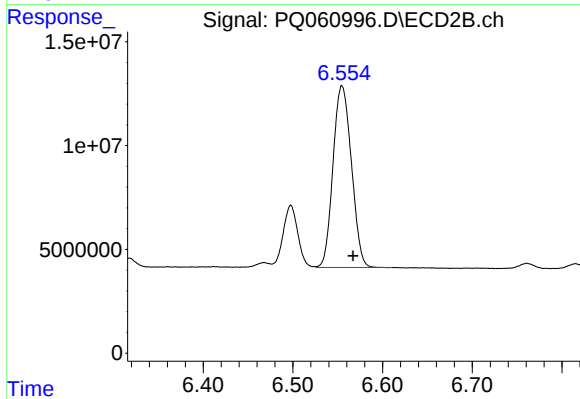
#41 AR-1268-1

R.T.: 6.498 min
Delta R.T.: -0.007 min
Response: 33967149
Conc: 50.52 ng/ml



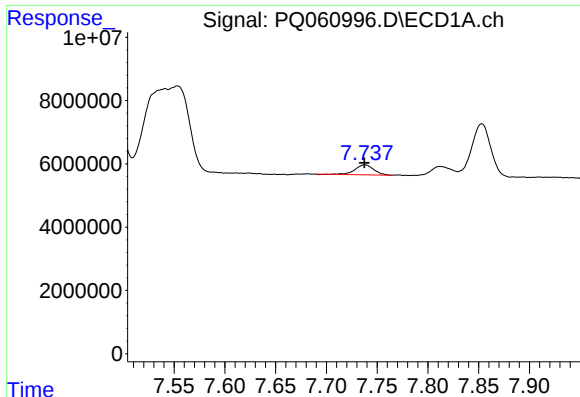
#42 AR-1268-2

R.T.: 7.553 min
Delta R.T.: -0.004 min
Response: 77646085
Conc: 97.98 ng/ml



#42 AR-1268-2

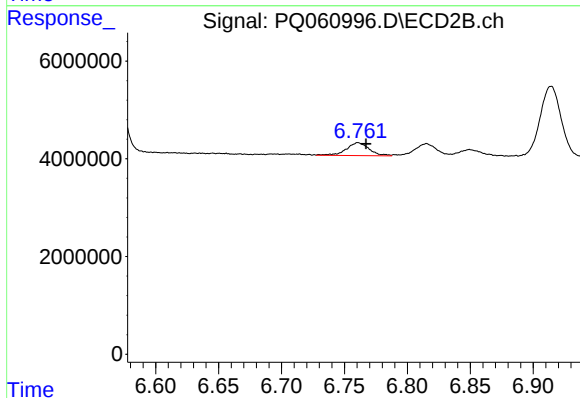
R.T.: 6.555 min
Delta R.T.: -0.012 min
Response: 124695422
Conc: 201.72 ng/ml



#43 AR-1268-3

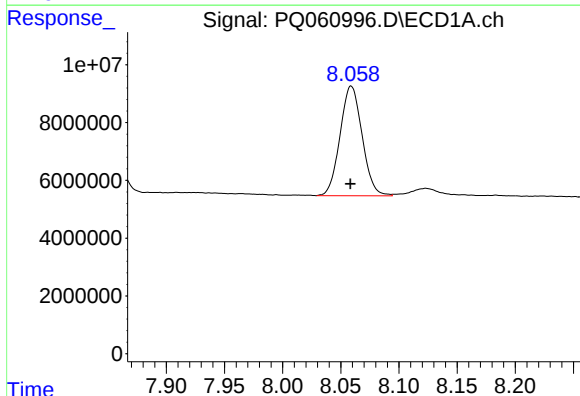
R.T.: 7.738 min
Delta R.T.: 0.000 min
Response: 4091077
Conc: 6.16 ng/ml

Instrument :
ECD_Q
ClientSampleId :



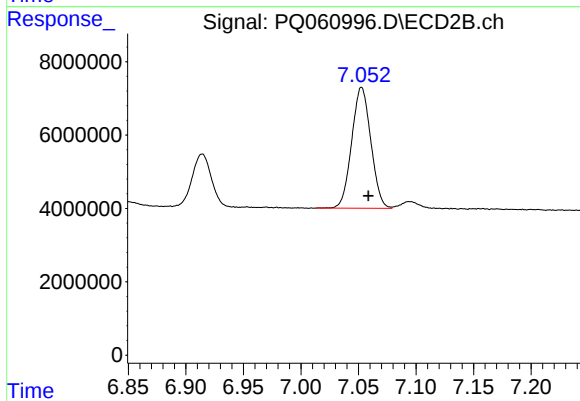
#43 AR-1268-3

R.T.: 6.761 min
Delta R.T.: -0.006 min
Response: 3328598
Conc: 6.14 ng/ml



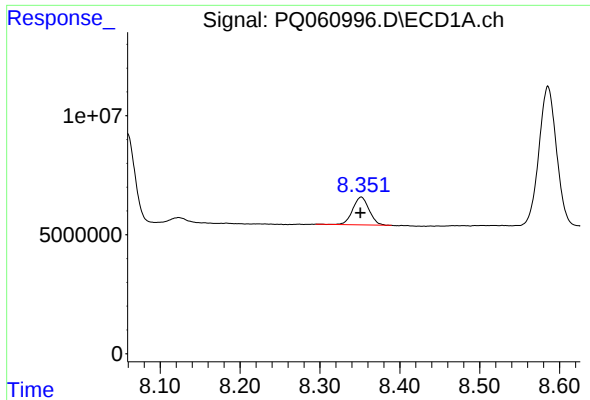
#44 AR-1268-4

R.T.: 8.059 min
Delta R.T.: 0.000 min
Response: 50218461
Conc: 170.29 ng/ml



#44 AR-1268-4

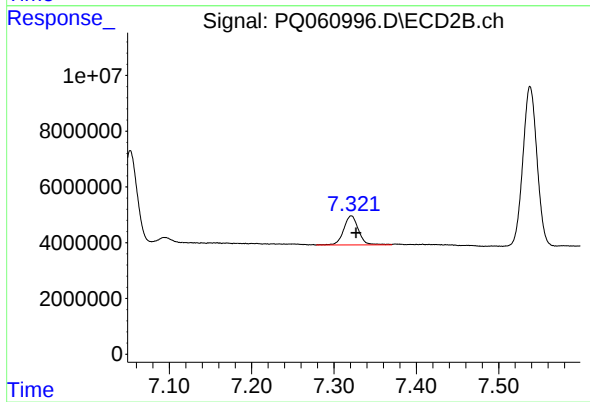
R.T.: 7.053 min
Delta R.T.: -0.006 min
Response: 38196786
Conc: 163.81 ng/ml



#45 AR-1268-5

R.T.: 8.352 min
Delta R.T.: 0.000 min
Response: 16513280
Conc: 8.75 ng/ml

Instrument :
ECD_Q
ClientSampleId :



#45 AR-1268-5

R.T.: 7.321 min
Delta R.T.: -0.006 min
Response: 12996700
Conc: 7.44 ng/ml