

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ041520\
 Data File : PQ047400.D
 Signal(s) : ECD2B.ch
 Acq On : 15 Apr 20 09:51 am
 Operator : AJ\MA
 Sample : L2230-59
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Apr 15 17:12:20 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ040720.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Apr 07 06:16:03 2020
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds						
1) SA Tetrachlo...	5.105	4.263	21508465	44776934	1.303	18.292 #
2) SA Decachlor...	11.187	9.647	38347458	1160.3E6	4.514	435.141 #
Target Compounds						
3) L1 AR-1016-1	6.415	5.535	123.7E6	10735233	210.132	117.370 #
4) L1 AR-1016-2	6.459	5.556	50559774	21266034	61.270	171.739 #
5) L1 AR-1016-3	6.512	5.750	25266541	25688395	50.502	401.948 #
6) L1 AR-1016-4	6.630	5.799	423.7E6	30080548	1030.828	584.082 #
7) L1 AR-1016-5	6.979	6.040	118.9E6	37616258	310.642	558.276 #
8) L2 AR-1221-1	5.377	4.511	35895748	5515919	173.670	187.640
9) L2 AR-1221-2	5.456	4.624	12111248	12397036	77.642	560.741 #
10) L2 AR-1221-3	5.535	4.713	10747342	3154076	22.791	44.981 #
11) L3 AR-1232-1	5.535	4.713	10747342	3154076	33.369	66.433 #
12) L3 AR-1232-2	6.142	5.556	62776175	21266034	351.738	430.805
13) L3 AR-1232-3	6.459	5.750	50559774	25688395	150.851	1009.293 #
14) L3 AR-1232-4	6.630	5.843	423.7E6	16099084	2491.140	713.883 #
15) L3 AR-1232-5	6.697	6.040	215.2E6	37616258	1721.599	1504.487
16) L4 AR-1242-1	6.415	5.535	123.7E6	10735233	287.523	158.587 #
17) L4 AR-1242-2	6.459	5.556	50559774	21266034	84.167	234.274 #
18) L4 AR-1242-3	6.512	5.750	25266541	25688395	68.874	527.361 #
19) L4 AR-1242-4	6.630	5.843	423.7E6	16099084	1385.503	344.212 #
20) L4 AR-1242-5	7.405	6.415	160.3E6	126.5E6	502.146	2020.714 #
21) L5 AR-1248-1	6.415	5.535	123.7E6	10735233	388.013	213.954 #
22) L5 AR-1248-2	6.697	5.799	215.2E6	30080548	516.526	471.927
23) L5 AR-1248-3	6.979	5.843	118.9E6	16099084	261.975	248.007
24) L5 AR-1248-4	7.366	6.040	13408383	37616258	25.843	469.383 #
25) L5 AR-1248-5	7.405	6.459	160.3E6	53537310	328.811	657.164 #
26) L6 AR-1254-1	7.328	6.415	98908322	126.5E6	157.202	834.563 #
27) L6 AR-1254-2	7.564	6.572	86244344	75834362	91.746	577.171 #
28) L6 AR-1254-3	7.968	6.995	579.9E6	105.7E6	616.408	487.225
29) L6 AR-1254-4	8.218	7.235	516.7E6	88296264	686.074	620.973
30) L6 AR-1254-5	8.651	7.667	19499441	191.3E6	28.467	1000.613 #
31) L7 AR-1260-1	8.143	7.134	42331689	154.3E6	71.093	1238.979 #
32) L7 AR-1260-2	8.334	7.328	177.8E6	133.7E6	239.335	859.933 #
33) L7 AR-1260-3	8.730	7.488	14481970	173.4E6	25.304	1219.478 #
34) L7 AR-1260-4	8.945	7.968	113.2E6	583.5E6	206.869	4799.298 #
35) L7 AR-1260-5	9.260	8.218	20845887	513.0E6	18.298	1668.636 #
36) L8 AR-1262-1	8.730	7.667	14481970	191.3E6	18.130	2210.837 #
37) L8 AR-1262-2	9.260	8.218	20845887	513.0E6	16.906	1585.216 #
38) L8 AR-1262-3	9.647	8.507	1192.8E6	2472.7E6	1492.480	19827.374 #
39) L8 AR-1262-4	9.723	8.572	12451452	2814.3E6	20.790	11921.975 #
40) L8 AR-1262-5	10.380	9.079	23943571	1028.7E6	60.041	9214.938 #
41) L9 AR-1268-1	9.603	8.507	11706175	2472.7E6	7.785	6243.553 #
42) L9 AR-1268-2	9.723	8.572	12451452	2814.3E6	9.593	7669.228 #

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ041520\
 Data File : PQ047400.D
 Signal(s) : ECD2B.ch
 Acq On : 15 Apr 20 09:51 am
 Operator : AJ\MA
 Sample : L2230-59
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

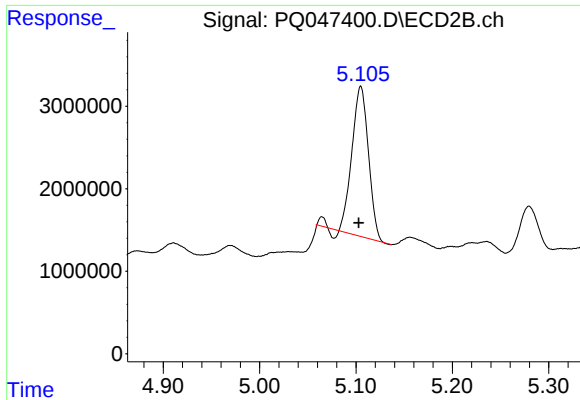
Instrument :
 ECD_Q
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Apr 15 17:12:20 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ040720.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
43) L9	AR-1268-3	9.998	8.781	5364021	1947.6E6	4.931	6450.452 #
44) L9	AR-1268-4	10.380	9.079	23943571	1028.7E6	50.636	7827.895 #
45) L9	AR-1268-5	10.825	9.382	99063332	6542.9E6	33.168	6491.243 #

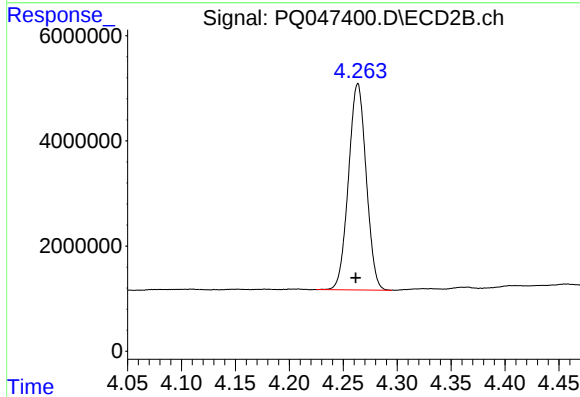
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

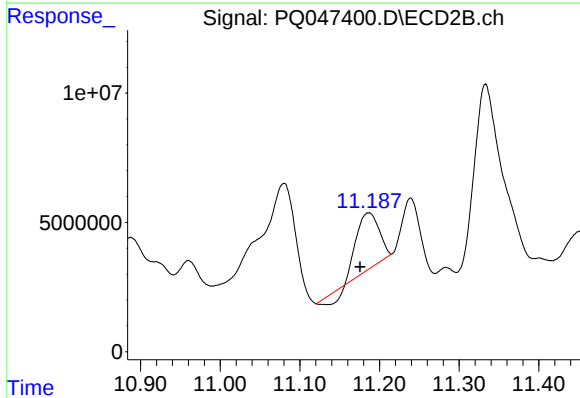
R.T.: 5.105 min
Delta R.T.: 0.002 min
Response: 21508465
Conc: 1.30 ng/ml

Instrument :
ECD_Q
ClientSampleId :



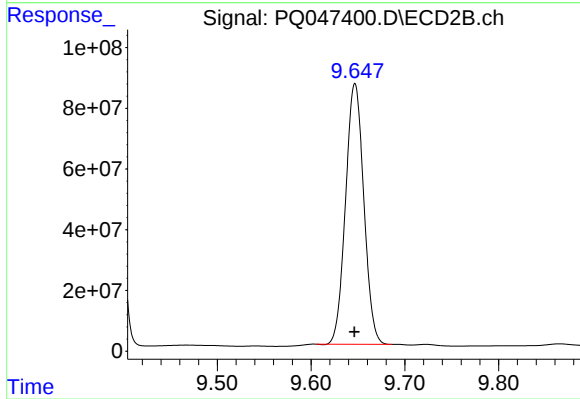
#1 Tetrachloro-m-xylene

R.T.: 4.263 min
Delta R.T.: 0.002 min
Response: 44776934
Conc: 18.29 ng/ml



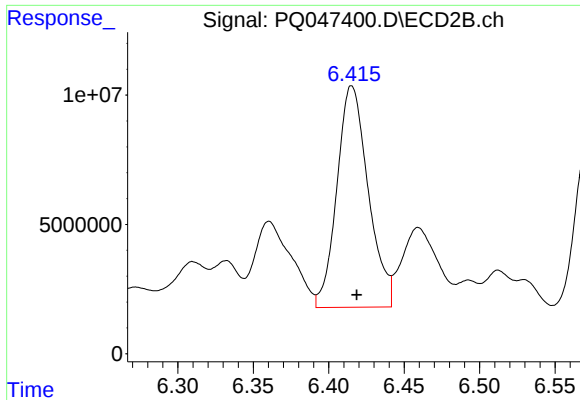
#2 Decachlorobiphenyl

R.T.: 11.187 min
Delta R.T.: 0.011 min
Response: 38347458
Conc: 4.51 ng/ml



#2 Decachlorobiphenyl

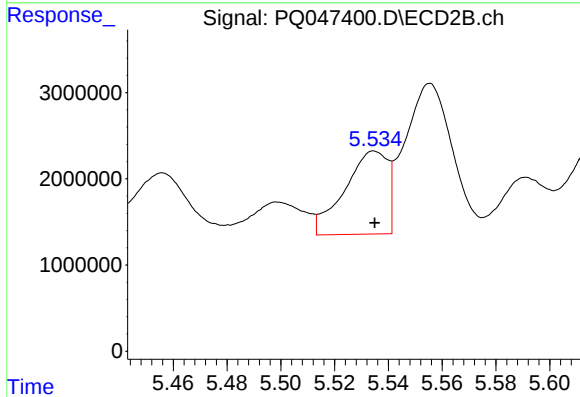
R.T.: 9.647 min
Delta R.T.: 0.000 min
Response: 1160313402
Conc: 435.14 ng/ml



#3 AR-1016-1

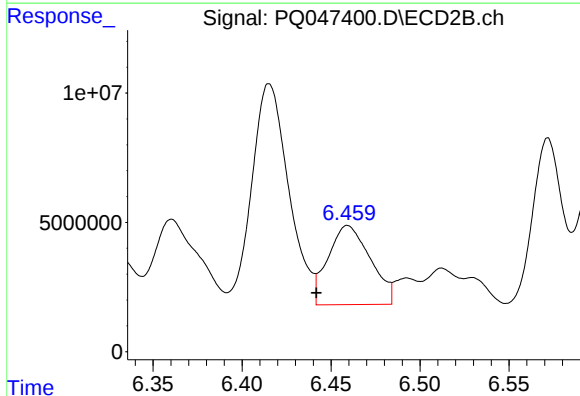
R.T.: 6.415 min
Delta R.T.: -0.003 min
Response: 123710524
Conc: 210.13 ng/ml

Instrument :
ECD_Q
ClientSampleId :



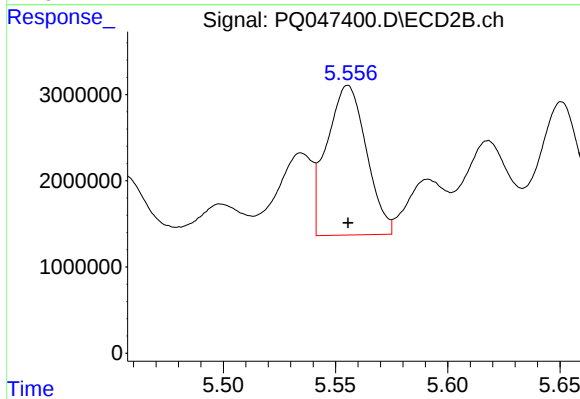
#3 AR-1016-1

R.T.: 5.535 min
Delta R.T.: 0.000 min
Response: 10735233
Conc: 117.37 ng/ml



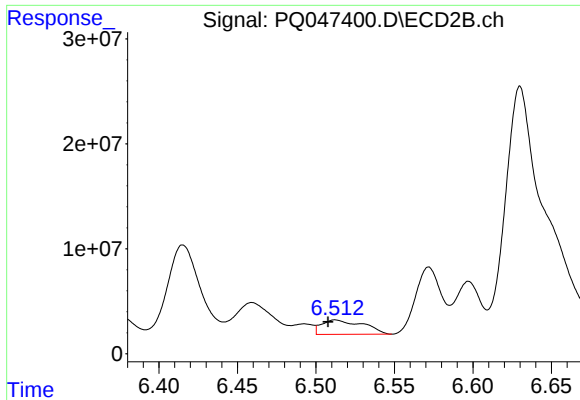
#4 AR-1016-2

R.T.: 6.459 min
Delta R.T.: 0.018 min
Response: 50559774
Conc: 61.27 ng/ml



#4 AR-1016-2

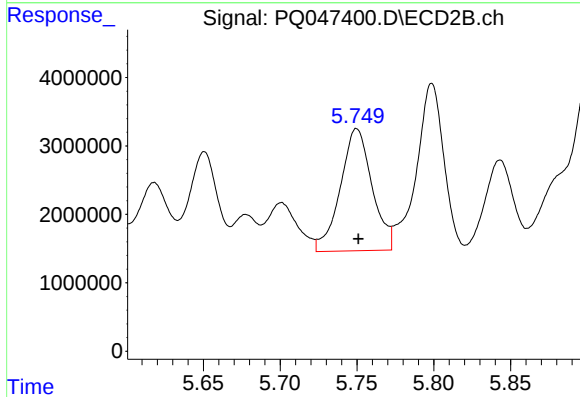
R.T.: 5.556 min
Delta R.T.: 0.000 min
Response: 21266034
Conc: 171.74 ng/ml



#5 AR-1016-3

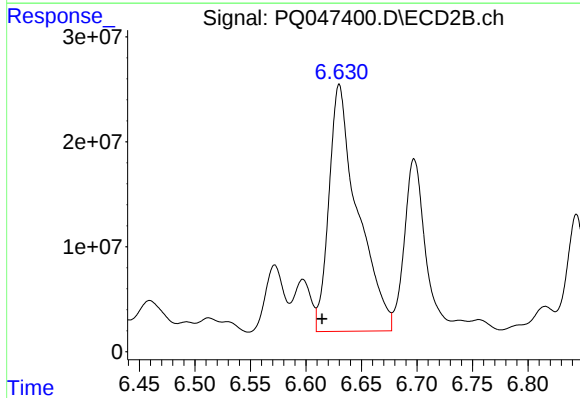
R.T.: 6.512 min
Delta R.T.: 0.005 min
Response: 25266541
Conc: 50.50 ng/ml

Instrument :
ECD_Q
ClientSampleId :



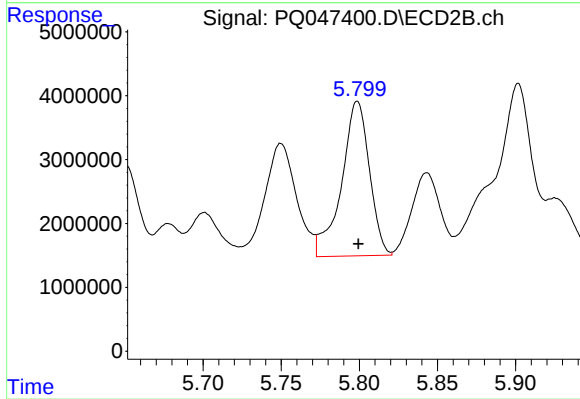
#5 AR-1016-3

R.T.: 5.750 min
Delta R.T.: -0.001 min
Response: 25688395
Conc: 401.95 ng/ml



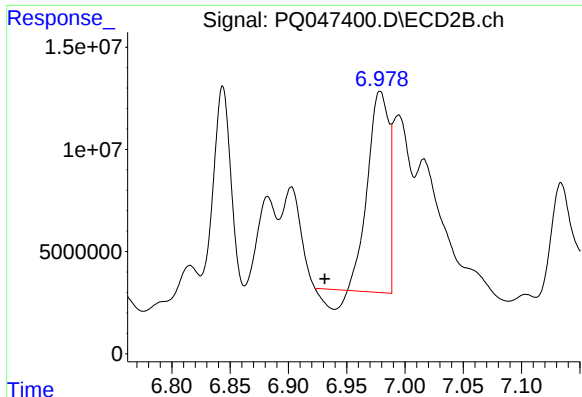
#6 AR-1016-4

R.T.: 6.630 min
Delta R.T.: 0.015 min
Response: 423680481
Conc: 1030.83 ng/ml



#6 AR-1016-4

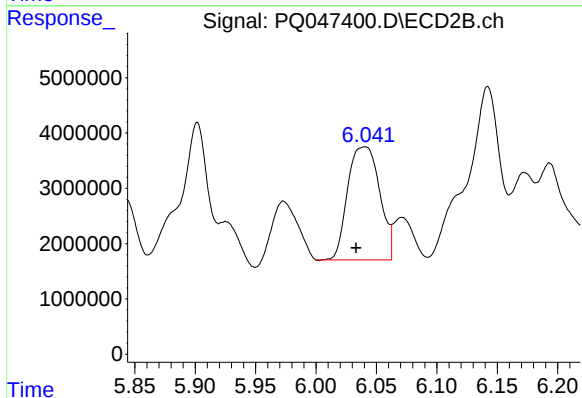
R.T.: 5.799 min
Delta R.T.: 0.000 min
Response: 30080548
Conc: 584.08 ng/ml



#7 AR-1016-5

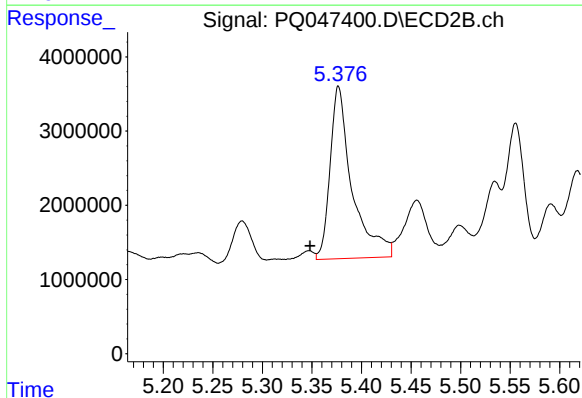
R.T.: 6.979 min
Delta R.T.: 0.048 min
Response: 118896137
Conc: 310.64 ng/ml

Instrument :
ECD_Q
ClientSampleId :



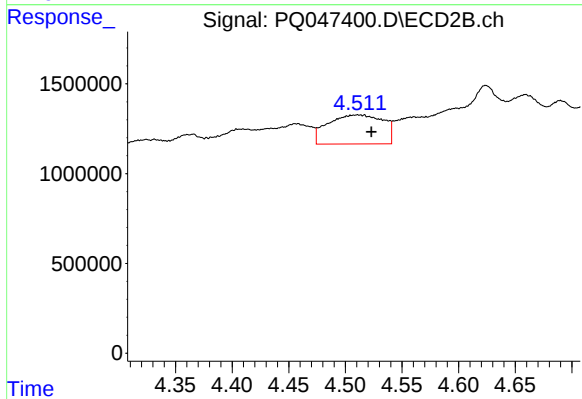
#7 AR-1016-5

R.T.: 6.040 min
Delta R.T.: 0.007 min
Response: 37616258
Conc: 558.28 ng/ml



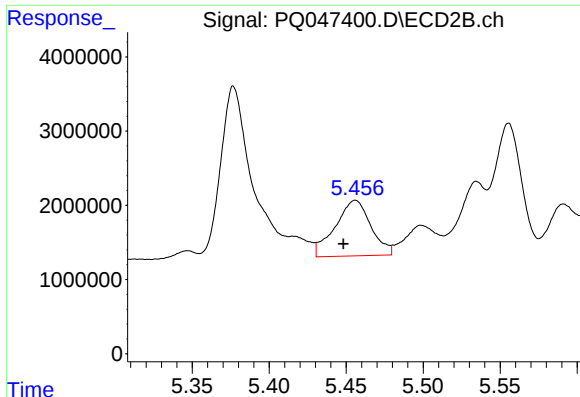
#8 AR-1221-1

R.T.: 5.377 min
Delta R.T.: 0.029 min
Response: 35895748
Conc: 173.67 ng/ml



#8 AR-1221-1

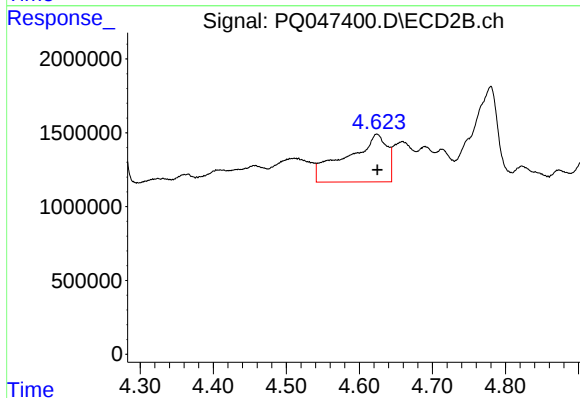
R.T.: 4.511 min
Delta R.T.: -0.012 min
Response: 5515919
Conc: 187.64 ng/ml



#9 AR-1221-2

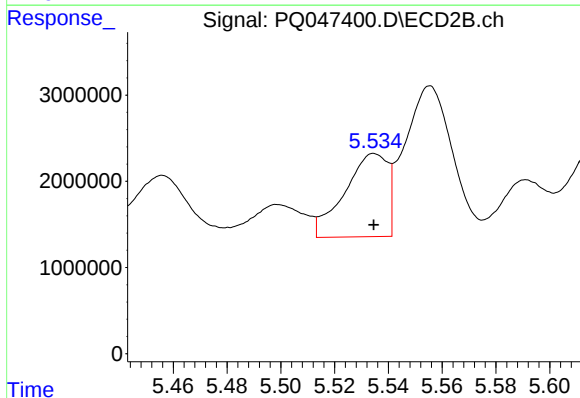
R.T.: 5.456 min
Delta R.T.: 0.008 min
Response: 12111248
Conc: 77.64 ng/ml

Instrument :
ECD_Q
ClientSampleId :



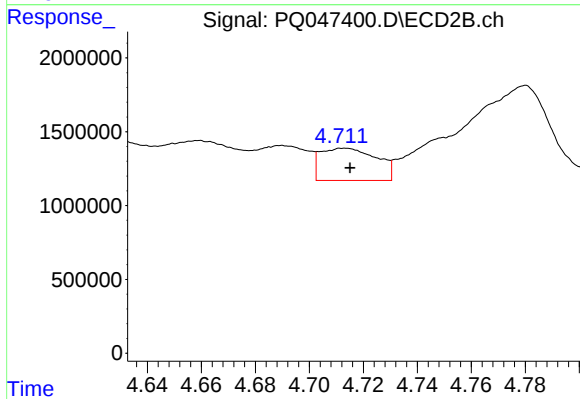
#9 AR-1221-2

R.T.: 4.624 min
Delta R.T.: 0.000 min
Response: 12397036
Conc: 560.74 ng/ml



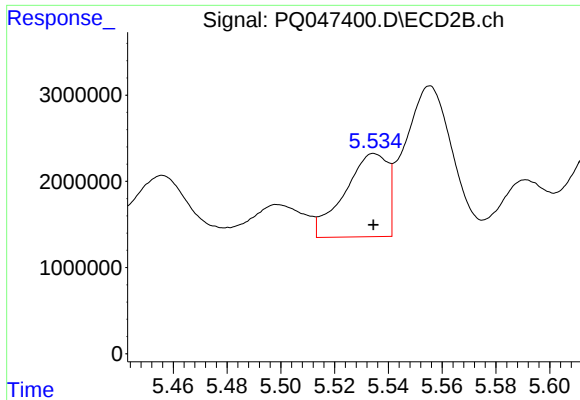
#10 AR-1221-3

R.T.: 5.535 min
Delta R.T.: 0.000 min
Response: 10747342
Conc: 22.79 ng/ml



#10 AR-1221-3

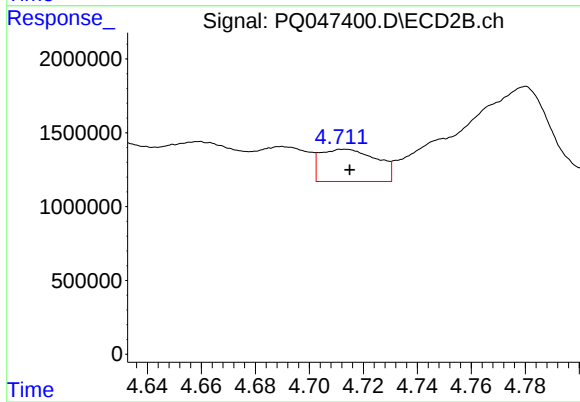
R.T.: 4.713 min
Delta R.T.: -0.002 min
Response: 3154076
Conc: 44.98 ng/ml



#11 AR-1232-1

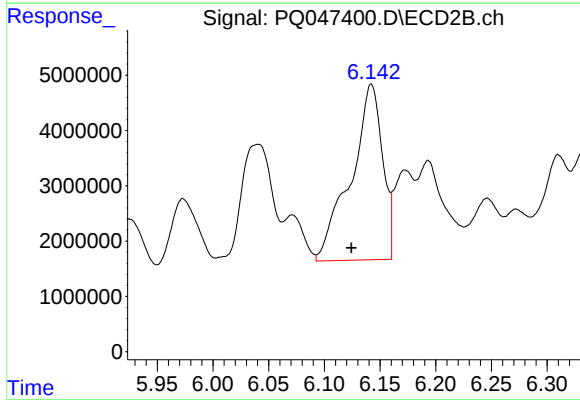
R.T.: 5.535 min
Delta R.T.: 0.000 min
Response: 10747342
Conc: 33.37 ng/ml

Instrument :
ECD_Q
ClientSampleId :



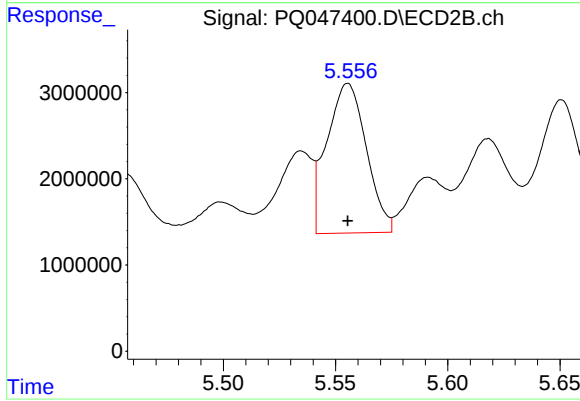
#11 AR-1232-1

R.T.: 4.713 min
Delta R.T.: -0.002 min
Response: 3154076
Conc: 66.43 ng/ml



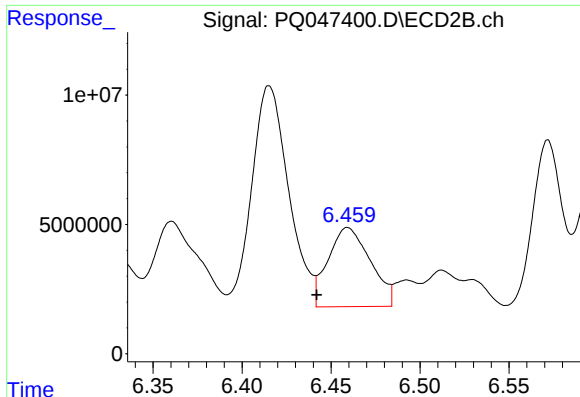
#12 AR-1232-2

R.T.: 6.142 min
Delta R.T.: 0.018 min
Response: 62776175
Conc: 351.74 ng/ml



#12 AR-1232-2

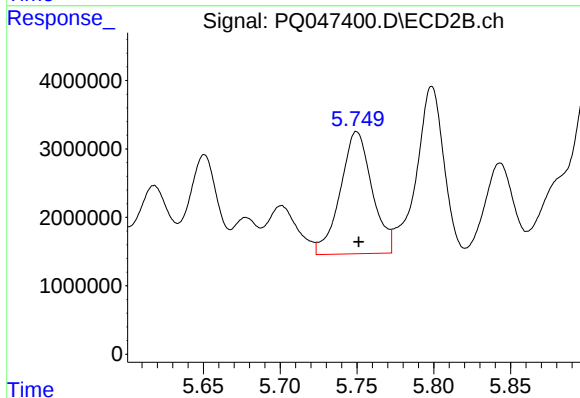
R.T.: 5.556 min
Delta R.T.: 0.000 min
Response: 21266034
Conc: 430.81 ng/ml



#13 AR-1232-3

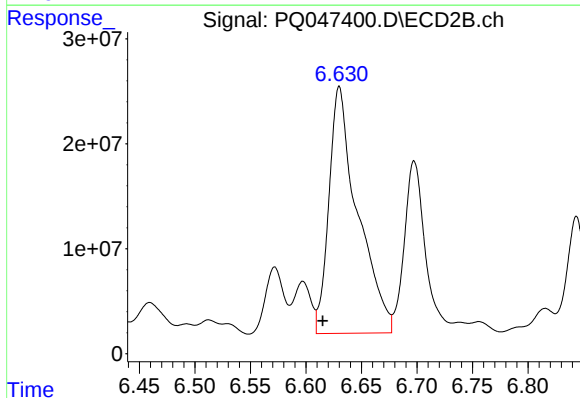
R.T.: 6.459 min
Delta R.T.: 0.017 min
Response: 50559774
Conc: 150.85 ng/ml

Instrument :
ECD_Q
ClientSampleId :



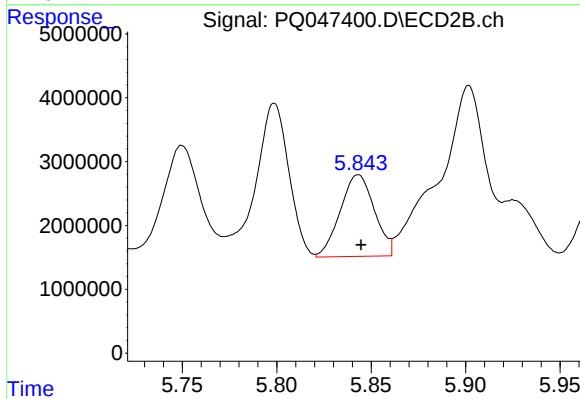
#13 AR-1232-3

R.T.: 5.750 min
Delta R.T.: -0.001 min
Response: 25688395
Conc: 1009.29 ng/ml



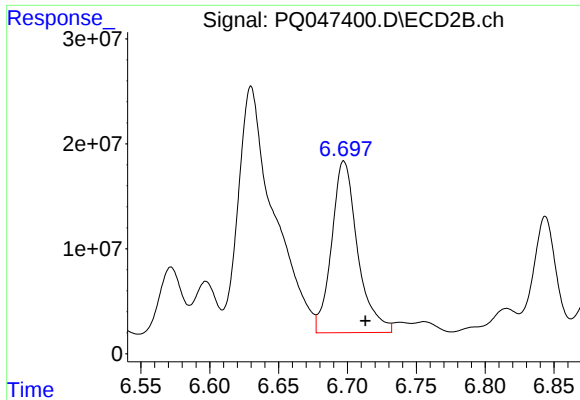
#14 AR-1232-4

R.T.: 6.630 min
Delta R.T.: 0.015 min
Response: 423680481
Conc: 2491.14 ng/ml



#14 AR-1232-4

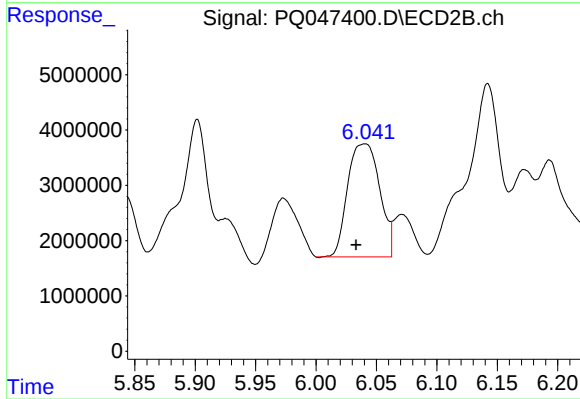
R.T.: 5.843 min
Delta R.T.: -0.002 min
Response: 16099084
Conc: 713.88 ng/ml



#15 AR-1232-5

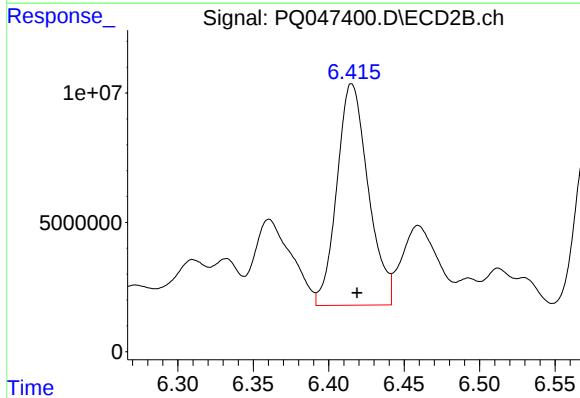
R.T.: 6.697 min
Delta R.T.: -0.016 min
Response: 215198758
Conc: 1721.60 ng/ml

Instrument :
ECD_Q
ClientSampleId :



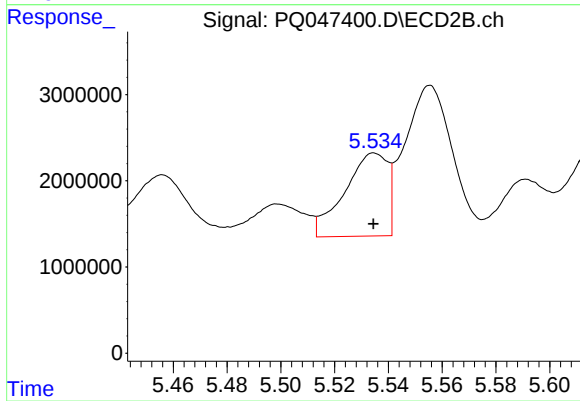
#15 AR-1232-5

R.T.: 6.040 min
Delta R.T.: 0.007 min
Response: 37616258
Conc: 1504.49 ng/ml



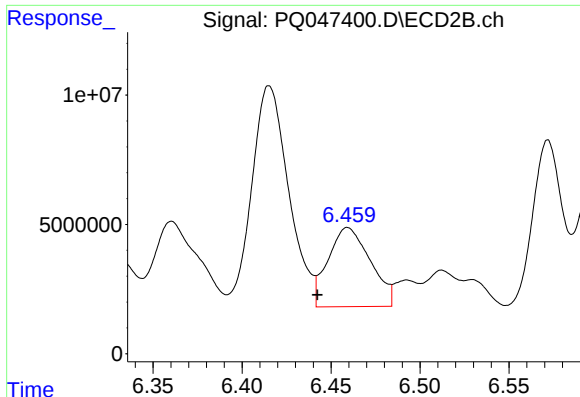
#16 AR-1242-1

R.T.: 6.415 min
Delta R.T.: -0.003 min
Response: 123710524
Conc: 287.52 ng/ml



#16 AR-1242-1

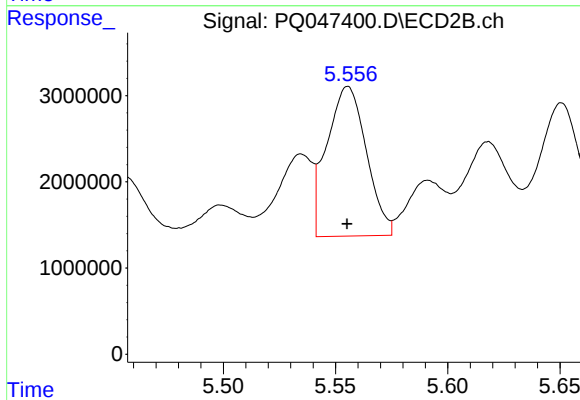
R.T.: 5.535 min
Delta R.T.: 0.000 min
Response: 10735233
Conc: 158.59 ng/ml



#17 AR-1242-2

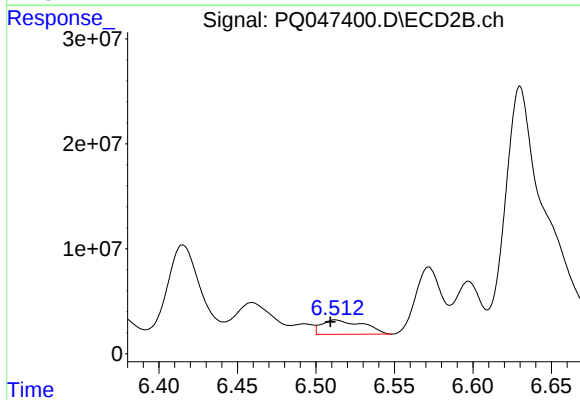
R.T.: 6.459 min
Delta R.T.: 0.017 min
Response: 50559774
Conc: 84.17 ng/ml

Instrument :
ECD_Q
ClientSampleId :



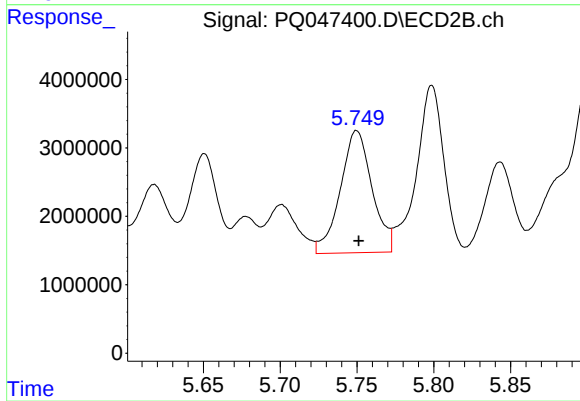
#17 AR-1242-2

R.T.: 5.556 min
Delta R.T.: 0.000 min
Response: 21266034
Conc: 234.27 ng/ml



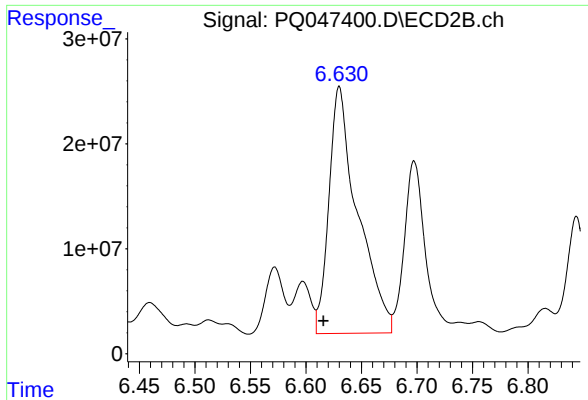
#18 AR-1242-3

R.T.: 6.512 min
Delta R.T.: 0.003 min
Response: 25266541
Conc: 68.87 ng/ml



#18 AR-1242-3

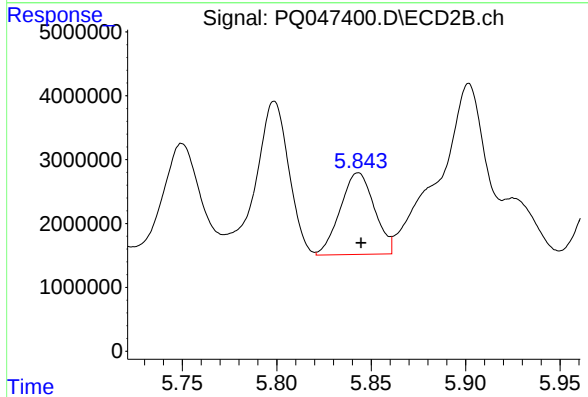
R.T.: 5.750 min
Delta R.T.: -0.001 min
Response: 25688395
Conc: 527.36 ng/ml



#19 AR-1242-4

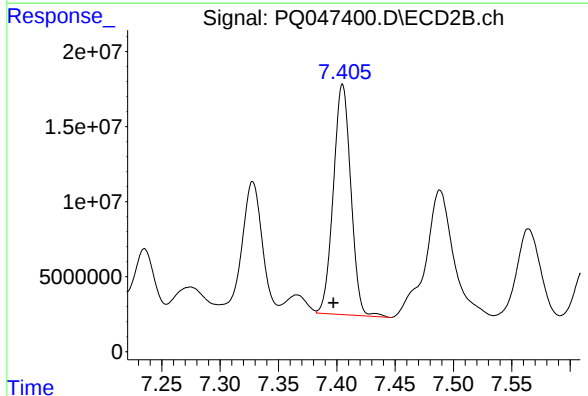
R.T.: 6.630 min
Delta R.T.: 0.014 min
Response: 423680481
Conc: 1385.50 ng/ml

Instrument :
ECD_Q
ClientSampleId :



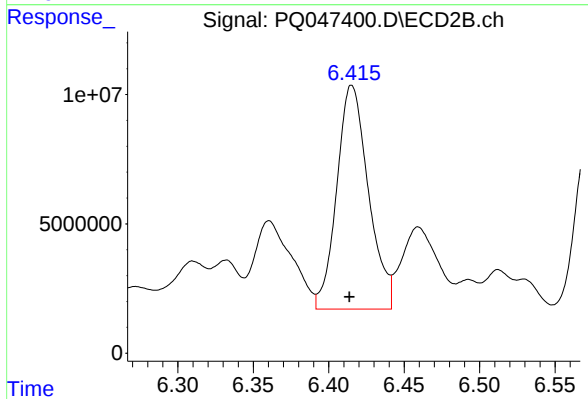
#19 AR-1242-4

R.T.: 5.843 min
Delta R.T.: -0.001 min
Response: 16099084
Conc: 344.21 ng/ml



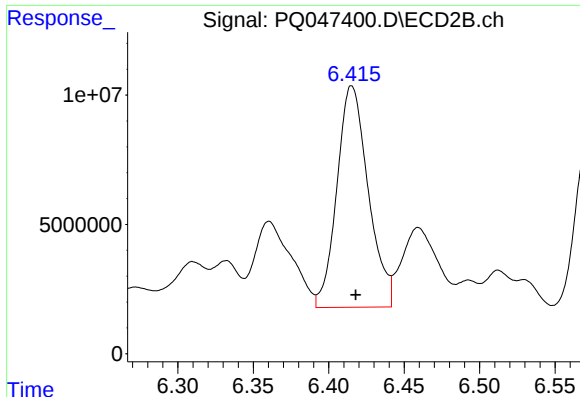
#20 AR-1242-5

R.T.: 7.405 min
Delta R.T.: 0.008 min
Response: 160257761
Conc: 502.15 ng/ml



#20 AR-1242-5

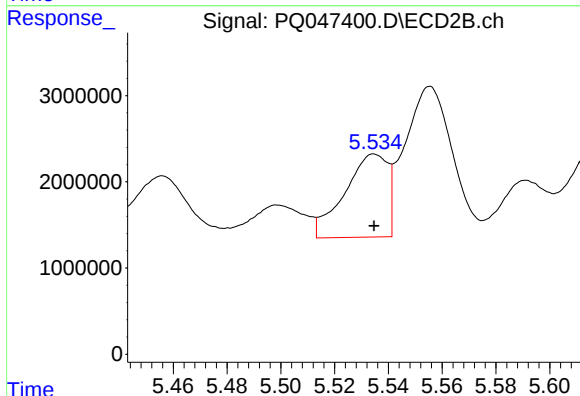
R.T.: 6.415 min
Delta R.T.: 0.002 min
Response: 126524143
Conc: 2020.71 ng/ml



#21 AR-1248-1

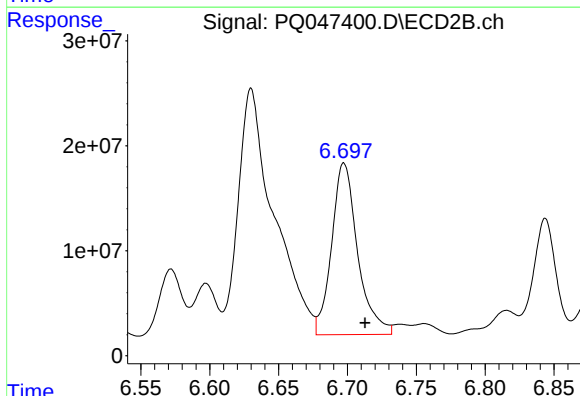
R.T.: 6.415 min
Delta R.T.: -0.003 min
Response: 123710524
Conc: 388.01 ng/ml

Instrument :
ECD_Q
ClientSampleId :



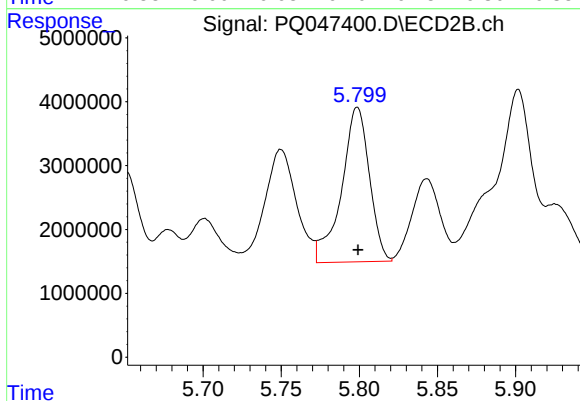
#21 AR-1248-1

R.T.: 5.535 min
Delta R.T.: 0.000 min
Response: 10735233
Conc: 213.95 ng/ml



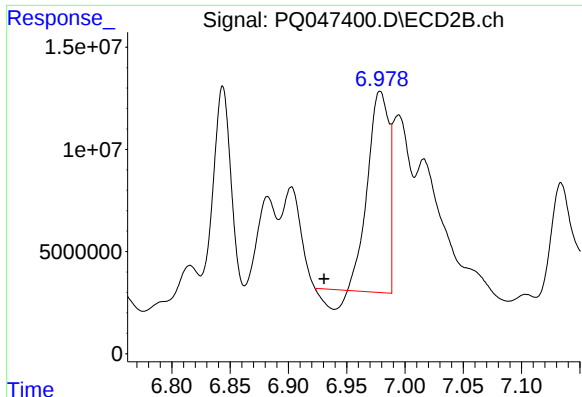
#22 AR-1248-2

R.T.: 6.697 min
Delta R.T.: -0.015 min
Response: 215198758
Conc: 516.53 ng/ml



#22 AR-1248-2

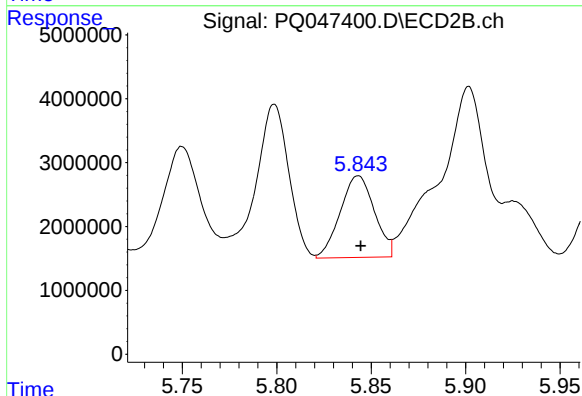
R.T.: 5.799 min
Delta R.T.: 0.000 min
Response: 30080548
Conc: 471.93 ng/ml



#23 AR-1248-3

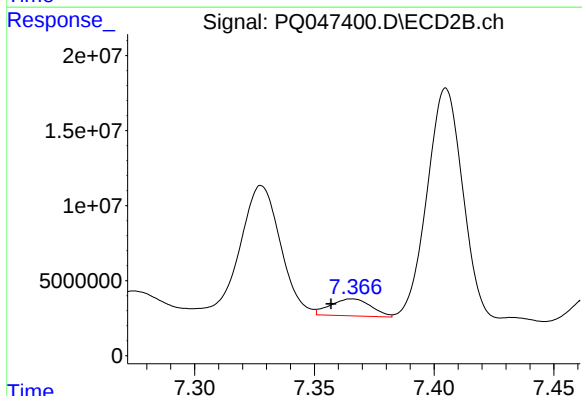
R.T.: 6.979 min
Delta R.T.: 0.048 min
Response: 118896137
Conc: 261.98 ng/ml

Instrument :
ECD_Q
ClientSampleId :



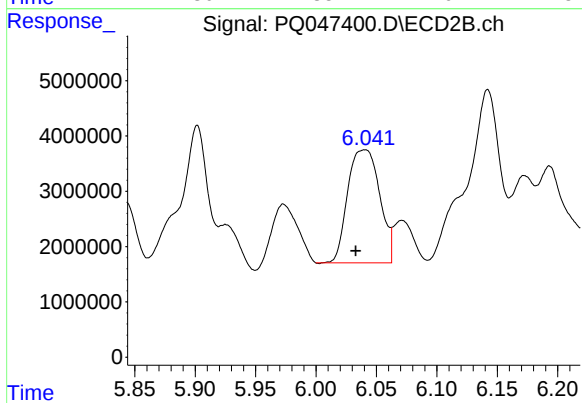
#23 AR-1248-3

R.T.: 5.843 min
Delta R.T.: -0.001 min
Response: 16099084
Conc: 248.01 ng/ml



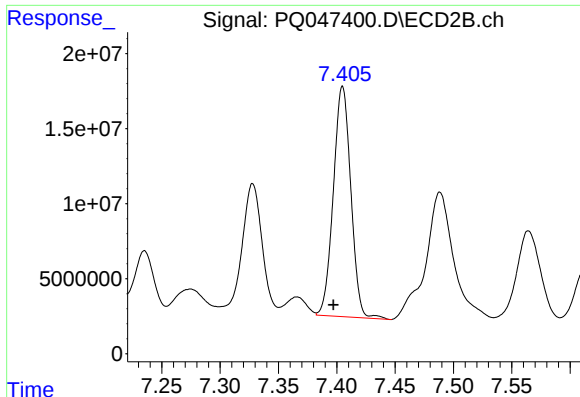
#24 AR-1248-4

R.T.: 7.366 min
Delta R.T.: 0.009 min
Response: 13408383
Conc: 25.84 ng/ml



#24 AR-1248-4

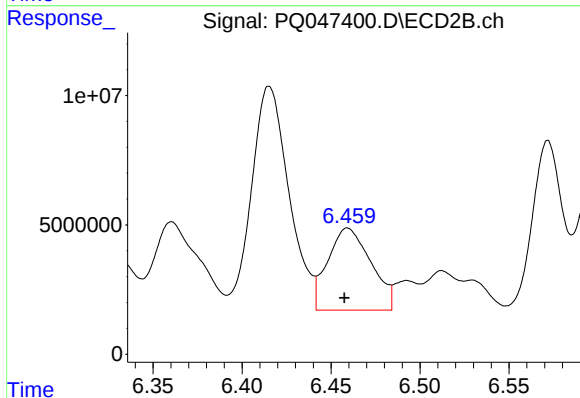
R.T.: 6.040 min
Delta R.T.: 0.008 min
Response: 37616258
Conc: 469.38 ng/ml



#25 AR-1248-5

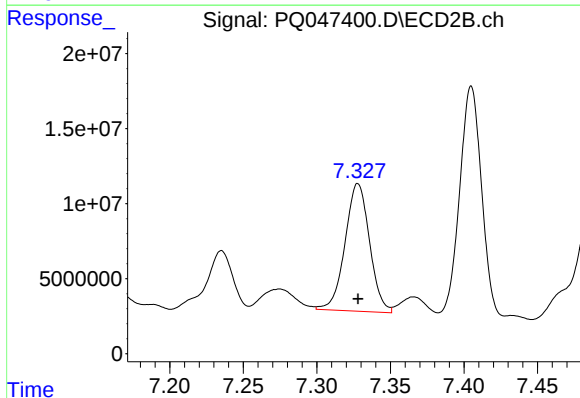
R.T.: 7.405 min
Delta R.T.: 0.008 min
Response: 160257761
Conc: 328.81 ng/ml

Instrument :
ECD_Q
ClientSampleId :



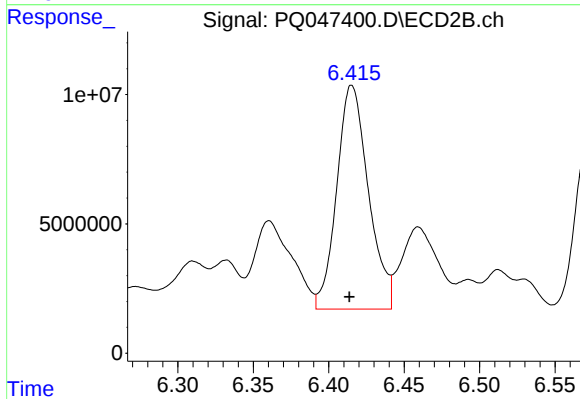
#25 AR-1248-5

R.T.: 6.459 min
Delta R.T.: 0.002 min
Response: 53537310
Conc: 657.16 ng/ml



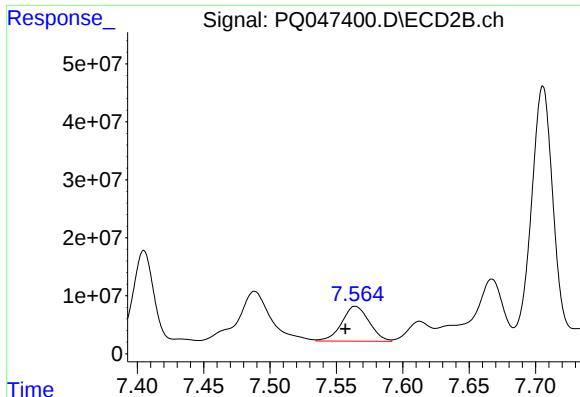
#26 AR-1254-1

R.T.: 7.328 min
Delta R.T.: 0.000 min
Response: 98908322
Conc: 157.20 ng/ml



#26 AR-1254-1

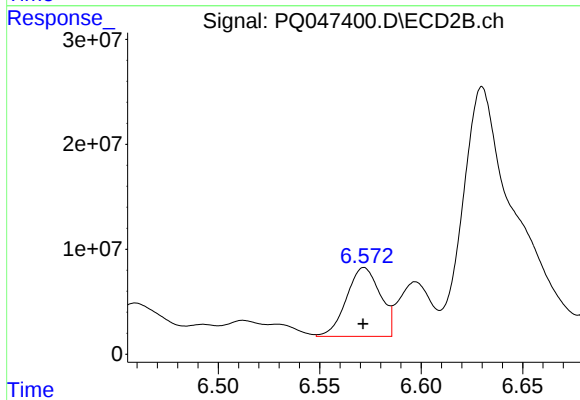
R.T.: 6.415 min
Delta R.T.: 0.001 min
Response: 126524143
Conc: 834.56 ng/ml



#27 AR-1254-2

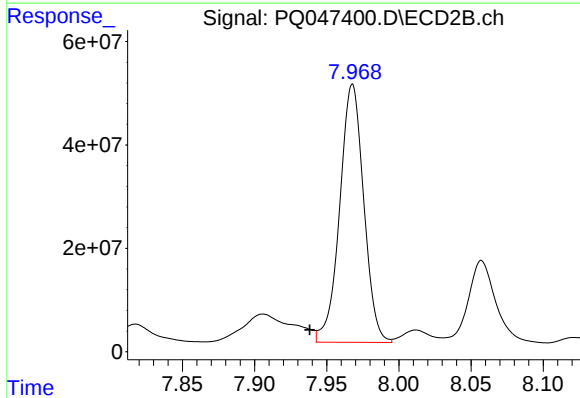
R.T.: 7.564 min
Delta R.T.: 0.007 min
Response: 86244344
Conc: 91.75 ng/ml

Instrument :
ECD_Q
ClientSampleId :



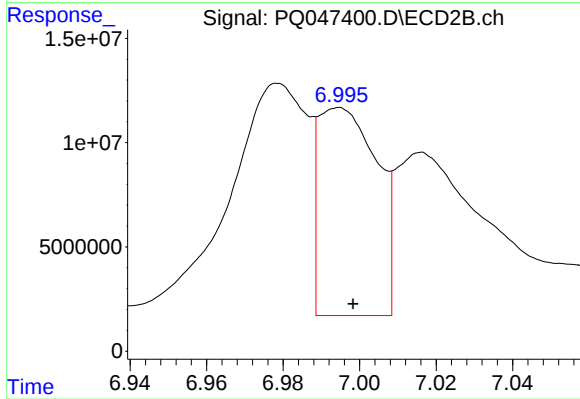
#27 AR-1254-2

R.T.: 6.572 min
Delta R.T.: 0.000 min
Response: 75834362
Conc: 577.17 ng/ml



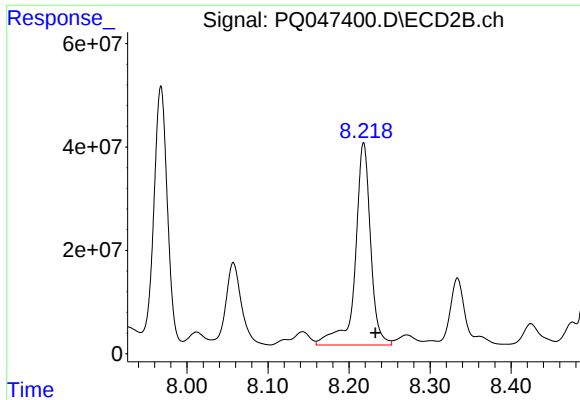
#28 AR-1254-3

R.T.: 7.968 min
Delta R.T.: 0.030 min
Response: 579924016
Conc: 616.41 ng/ml



#28 AR-1254-3

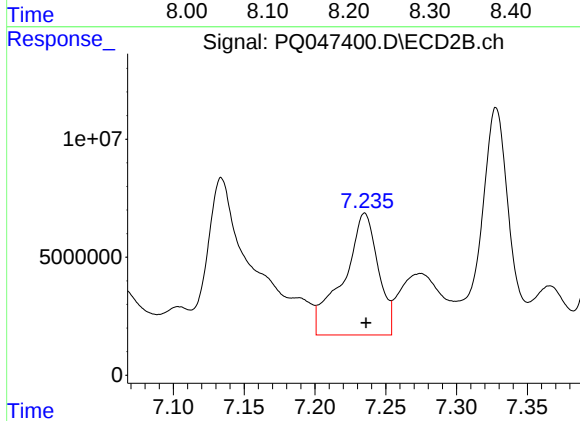
R.T.: 6.995 min
Delta R.T.: -0.004 min
Response: 105658033
Conc: 487.23 ng/ml



#29 AR-1254-4

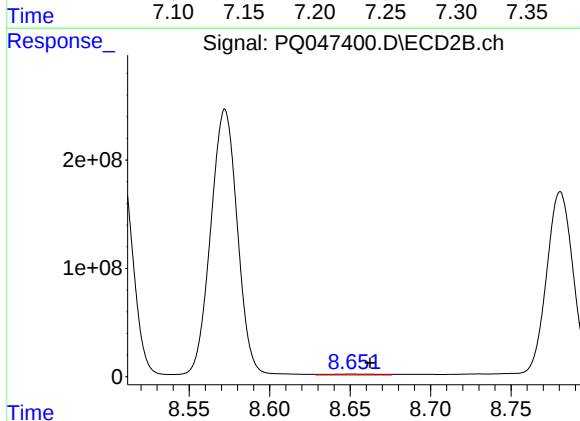
R.T.: 8.218 min
Delta R.T.: -0.015 min
Response: 516734585
Conc: 686.07 ng/ml

Instrument :
ECD_Q
ClientSampleId :



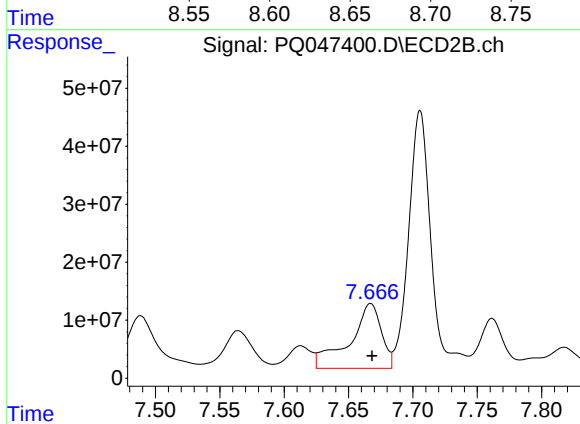
#29 AR-1254-4

R.T.: 7.235 min
Delta R.T.: -0.001 min
Response: 88296264
Conc: 620.97 ng/ml



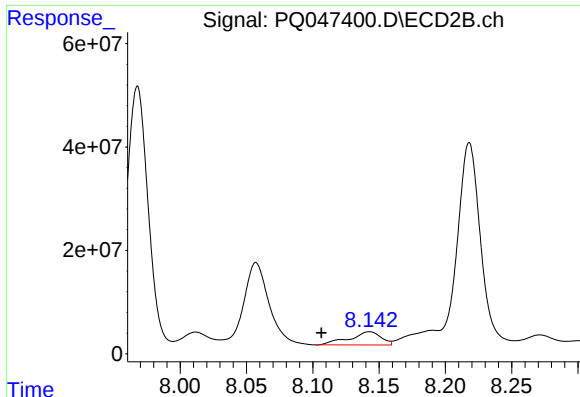
#30 AR-1254-5

R.T.: 8.651 min
Delta R.T.: -0.011 min
Response: 19499441
Conc: 28.47 ng/ml



#30 AR-1254-5

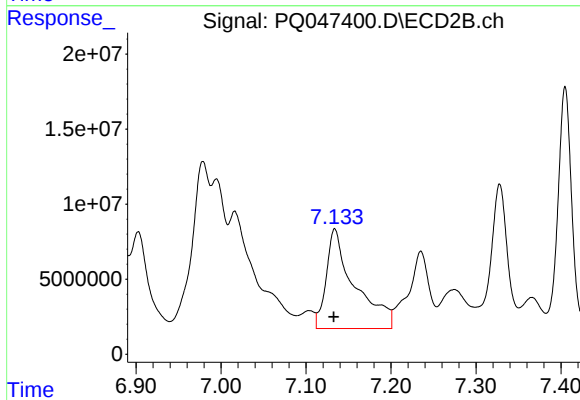
R.T.: 7.667 min
Delta R.T.: -0.001 min
Response: 191252553
Conc: 1000.61 ng/ml



#31 AR-1260-1

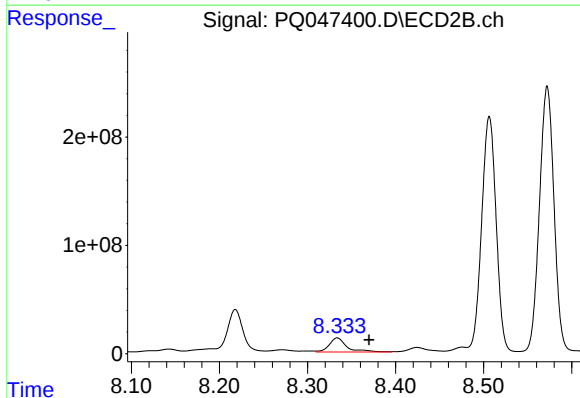
R.T.: 8.143 min
Delta R.T.: 0.036 min
Response: 42331689
Conc: 71.09 ng/ml

Instrument :
ECD_Q
ClientSampleId :



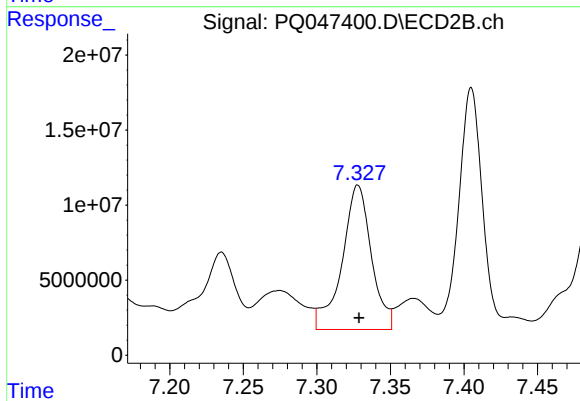
#31 AR-1260-1

R.T.: 7.134 min
Delta R.T.: 0.001 min
Response: 154269583
Conc: 1238.98 ng/ml



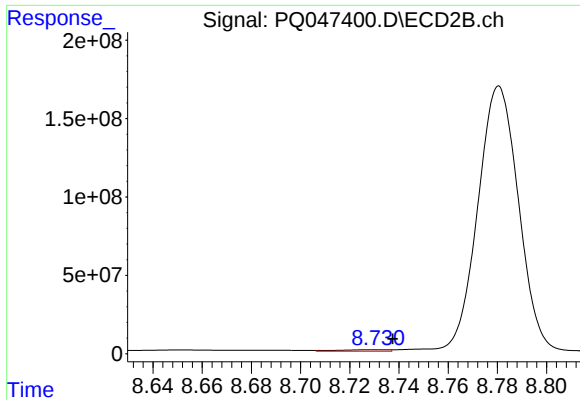
#32 AR-1260-2

R.T.: 8.334 min
Delta R.T.: -0.036 min
Response: 177755020
Conc: 239.33 ng/ml



#32 AR-1260-2

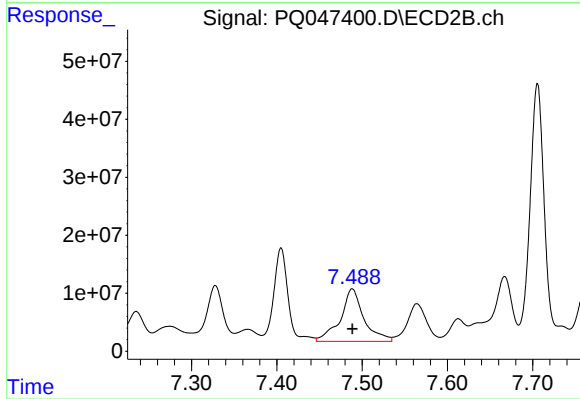
R.T.: 7.328 min
Delta R.T.: 0.000 min
Response: 133728660
Conc: 859.93 ng/ml



#33 AR-1260-3

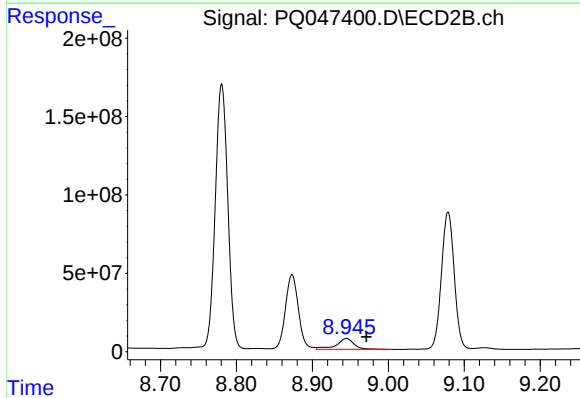
R.T.: 8.730 min
Delta R.T.: -0.008 min
Response: 14481970
Conc: 25.30 ng/ml

Instrument :
ECD_Q
ClientSampleId :



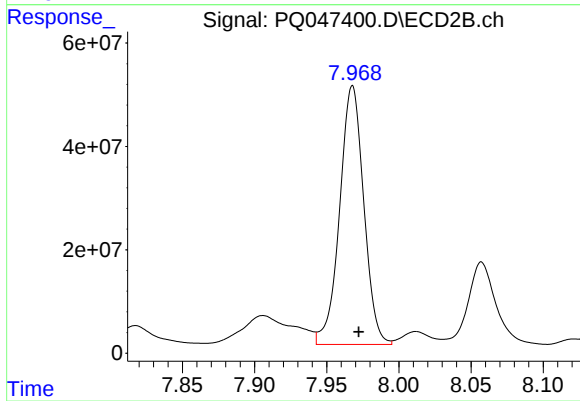
#33 AR-1260-3

R.T.: 7.488 min
Delta R.T.: 0.000 min
Response: 173378652
Conc: 1219.48 ng/ml



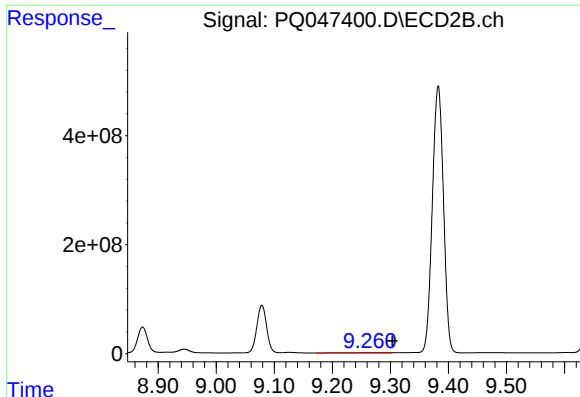
#34 AR-1260-4

R.T.: 8.945 min
Delta R.T.: -0.026 min
Response: 113242583
Conc: 206.87 ng/ml



#34 AR-1260-4

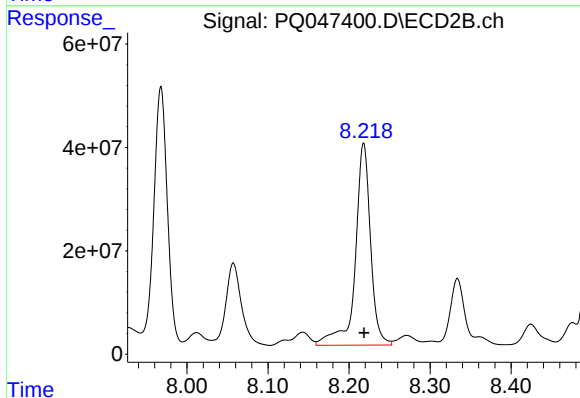
R.T.: 7.968 min
Delta R.T.: -0.004 min
Response: 583527134
Conc: 4799.30 ng/ml



#35 AR-1260-5

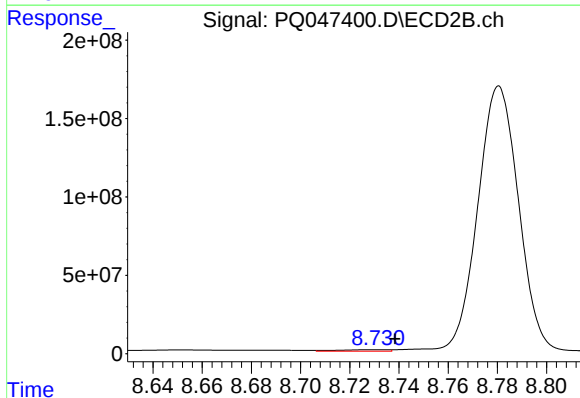
R.T.: 9.260 min
Delta R.T.: -0.044 min
Response: 20845887
Conc: 18.30 ng/ml

Instrument :
ECD_Q
ClientSampleId :



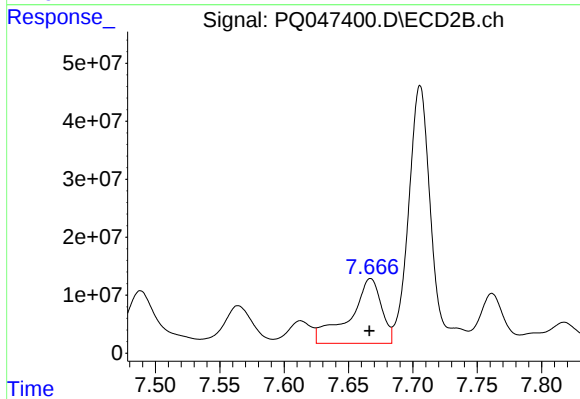
#35 AR-1260-5

R.T.: 8.218 min
Delta R.T.: 0.000 min
Response: 513047081
Conc: 1668.64 ng/ml



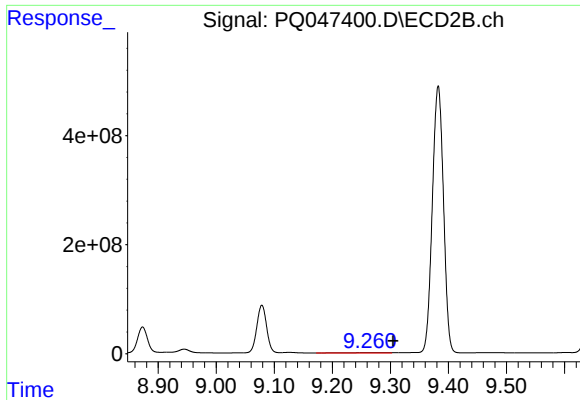
#36 AR-1262-1

R.T.: 8.730 min
Delta R.T.: -0.009 min
Response: 14481970
Conc: 18.13 ng/ml



#36 AR-1262-1

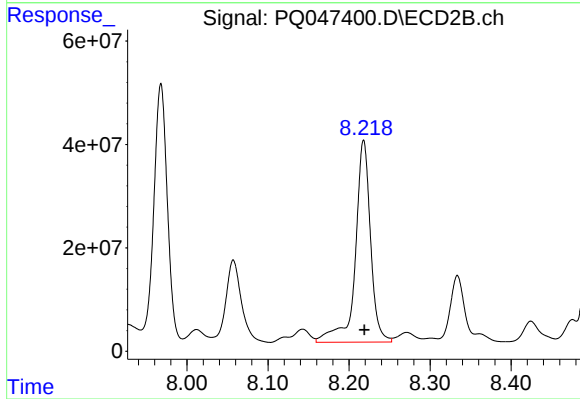
R.T.: 7.667 min
Delta R.T.: 0.000 min
Response: 191252553
Conc: 2210.84 ng/ml



#37 AR-1262-2

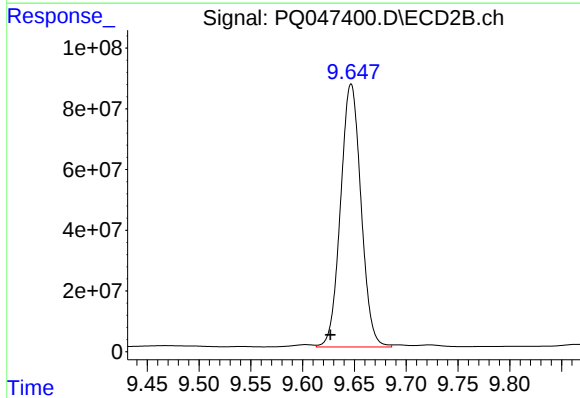
R.T.: 9.260 min
Delta R.T.: -0.045 min
Response: 20845887
Conc: 16.91 ng/ml

Instrument :
ECD_Q
ClientSampleId :



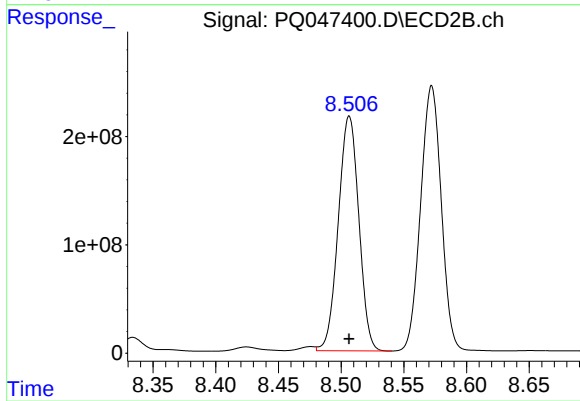
#37 AR-1262-2

R.T.: 8.218 min
Delta R.T.: 0.000 min
Response: 513047081
Conc: 1585.22 ng/ml



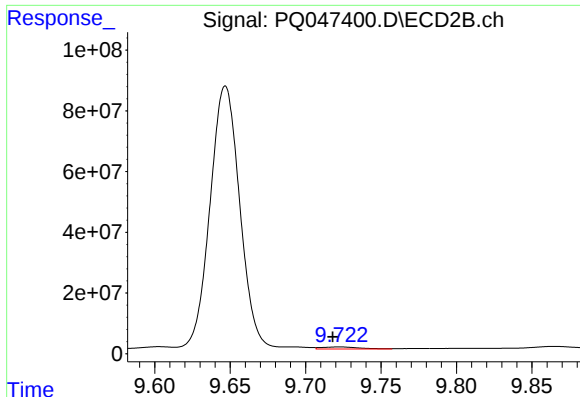
#38 AR-1262-3

R.T.: 9.647 min
Delta R.T.: 0.020 min
Response: 1192844496
Conc: 1492.48 ng/ml



#38 AR-1262-3

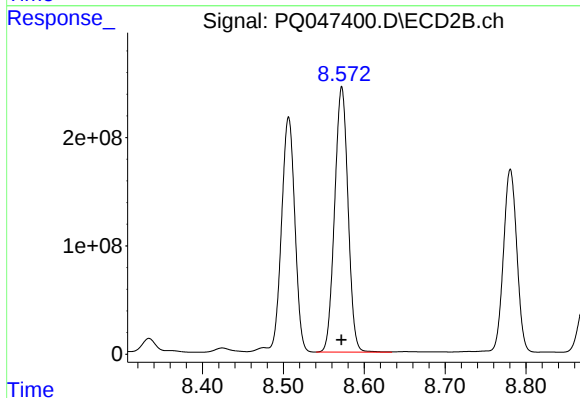
R.T.: 8.507 min
Delta R.T.: 0.000 min
Response: 2472698289
Conc: 19827.37 ng/ml



#39 AR-1262-4

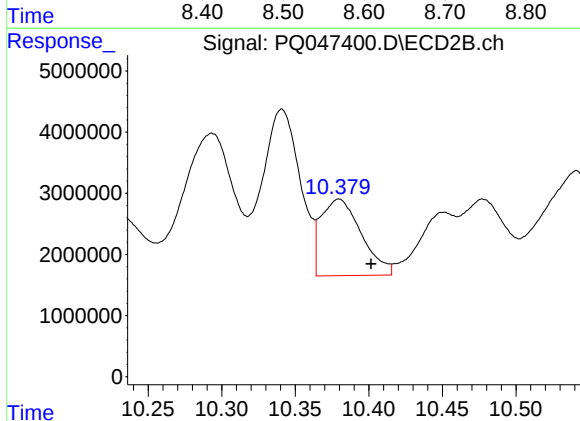
R.T.: 9.723 min
Delta R.T.: 0.005 min
Response: 12451452
Conc: 20.79 ng/ml

Instrument :
ECD_Q
ClientSampleId :



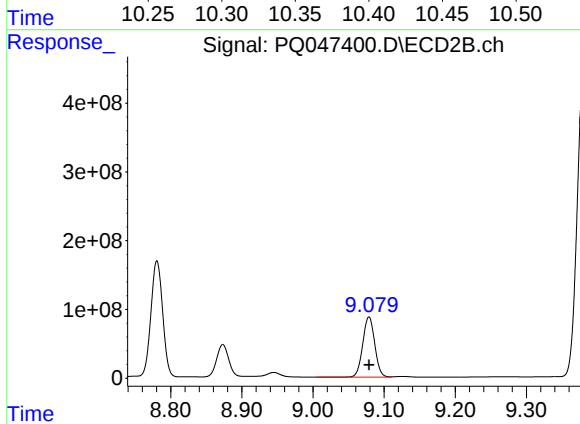
#39 AR-1262-4

R.T.: 8.572 min
Delta R.T.: 0.000 min
Response: 2814285125
Conc: 11921.98 ng/ml



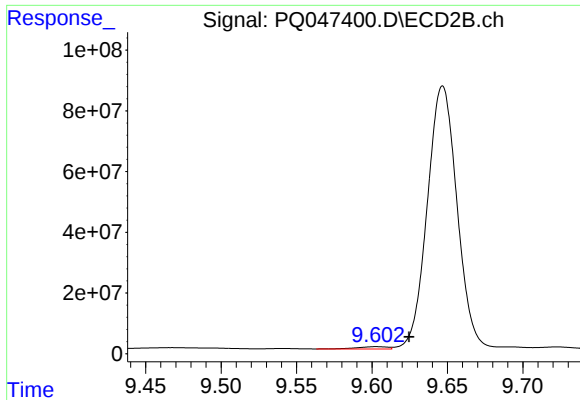
#40 AR-1262-5

R.T.: 10.380 min
Delta R.T.: -0.022 min
Response: 23943571
Conc: 60.04 ng/ml



#40 AR-1262-5

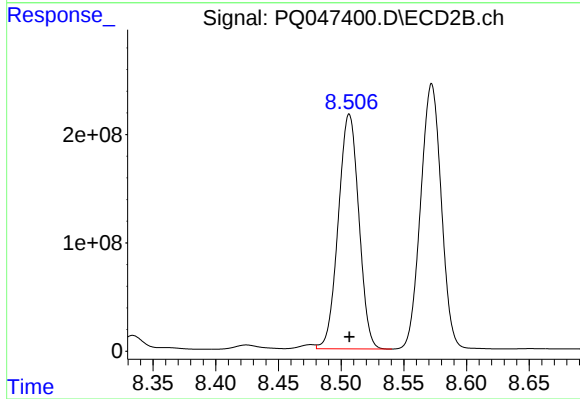
R.T.: 9.079 min
Delta R.T.: 0.000 min
Response: 1028651676
Conc: 9214.94 ng/ml



#41 AR-1268-1

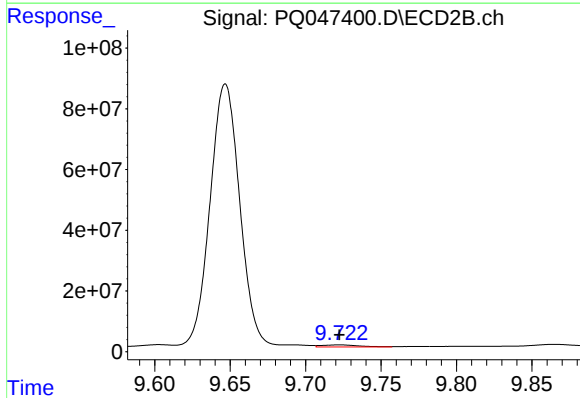
R.T.: 9.603 min
Delta R.T.: -0.022 min
Response: 11706175
Conc: 7.78 ng/ml

Instrument :
ECD_Q
ClientSampleId :



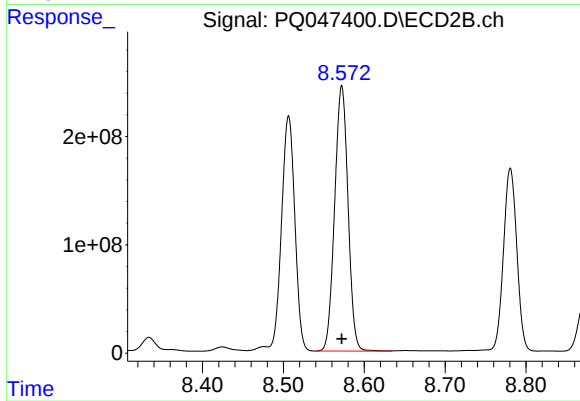
#41 AR-1268-1

R.T.: 8.507 min
Delta R.T.: 0.000 min
Response: 2472698289
Conc: 6243.55 ng/ml



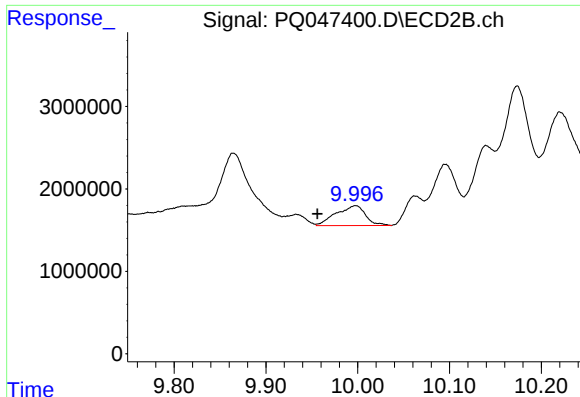
#42 AR-1268-2

R.T.: 9.723 min
Delta R.T.: 0.000 min
Response: 12451452
Conc: 9.59 ng/ml



#42 AR-1268-2

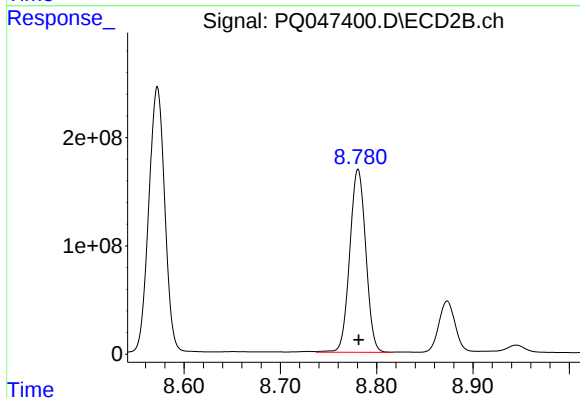
R.T.: 8.572 min
Delta R.T.: 0.000 min
Response: 2814285125
Conc: 7669.23 ng/ml



#43 AR-1268-3

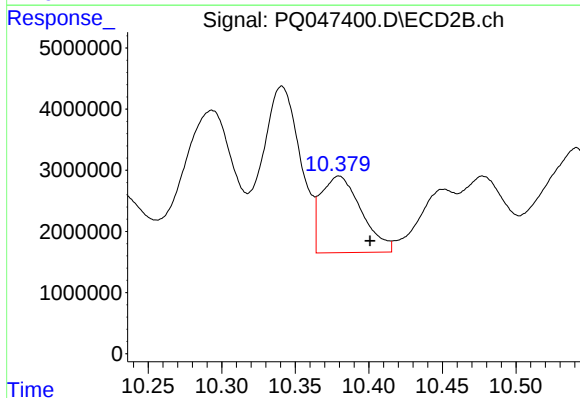
R.T.: 9.998 min
Delta R.T.: 0.041 min
Response: 5364021
Conc: 4.93 ng/ml

Instrument :
ECD_Q
ClientSampleId :



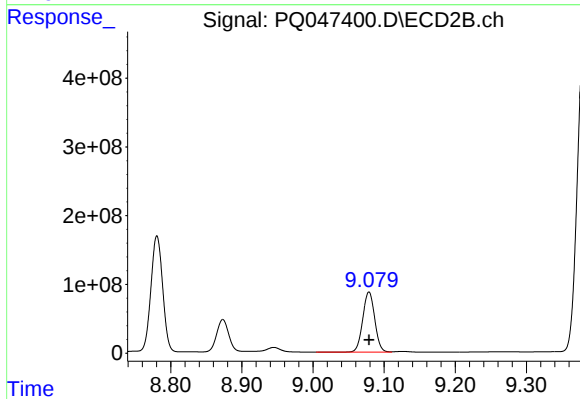
#43 AR-1268-3

R.T.: 8.781 min
Delta R.T.: 0.000 min
Response: 1947612967
Conc: 6450.45 ng/ml



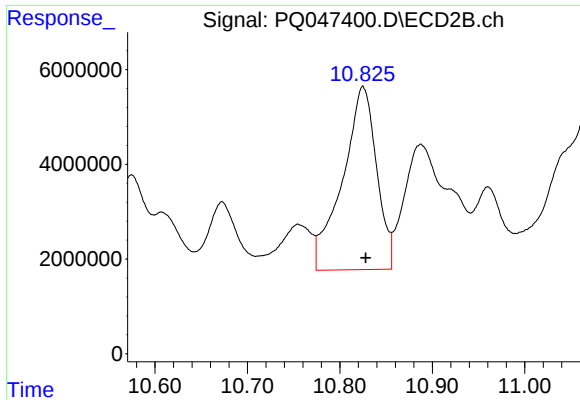
#44 AR-1268-4

R.T.: 10.380 min
Delta R.T.: -0.021 min
Response: 23943571
Conc: 50.64 ng/ml



#44 AR-1268-4

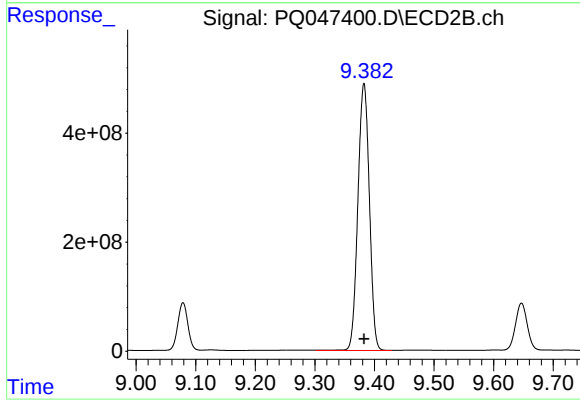
R.T.: 9.079 min
Delta R.T.: 0.000 min
Response: 1028651676
Conc: 7827.90 ng/ml



#45 AR-1268-5

R.T.: 10.825 min
Delta R.T.: -0.003 min
Response: 99063332
Conc: 33.17 ng/ml

Instrument :
ECD_Q
ClientSampleId :



#45 AR-1268-5

R.T.: 9.382 min
Delta R.T.: 0.000 min
Response: 6542880119
Conc: 6491.24 ng/ml