

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ100318\
 Data File : PQ032577.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 03 Oct 2018 13:12
 Operator : SM\SJ
 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: Oct 04 02:23:01 2018
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ091818.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Sep 19 02:07:33 2018
 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...	4.591	3.868	105.8E6	83264114	45.642	41.576
2)	SA Decachlor...	10.445	8.938	87501215	72832582	41.974	37.612
Target Compounds							
3)	L1 AR-1016-1	5.303	4.549	24932570	19821179	471.116	410.801
4)	L1 AR-1016-2	5.500	4.964	25423058	30204586	484.803	447.593
5)	L1 AR-1016-3	5.768	4.984	35846126	42357125	486.034	453.353
6)	L1 AR-1016-4	5.854	5.041	31918892	27796608	467.594	468.182
7)	L1 AR-1016-5	6.248	5.418	26325312	23416796	483.419	448.065
8)	L2 AR-1221-1	4.797	4.082	2848664	2522301	120.812	124.417
9)	L2 AR-1221-2	4.889	4.171	4576183	3899725	260.713	249.617
10)	L2 AR-1221-3	4.965	4.248	17921279	14366727	323.581	293.363
11)	L3 AR-1232-1	5.790	4.744	52142860	20985502	1258.017	1203.975
12)	L3 AR-1232-2	5.954	4.858	26149488	6094783	1264.080	1207.933
13)	L3 AR-1232-3	6.126	5.244	8837347	21073233	1533.505	1343.540
14)	L3 AR-1232-4	6.459	5.568	6720729	25061407	1393.281	1357.061
15)	L3 AR-1232-5	7.322	6.147	6276060	1122129	2437.166	393.258 #
16)	L4 AR-1242-1	5.334	4.570	14992231	11325287	677.588	569.744
17)	L4 AR-1242-2	6.088	5.163	23513733	22040690	647.664	614.364
18)	L4 AR-1242-3	6.290	5.276	11322666	7022329	664.426	596.463
19)	L4 AR-1242-4	6.334	5.641	8717870	5834202	572.567	559.505
20)	L4 AR-1242-5	6.391	6.014	28325090	2135125	623.370	89.953 #
21)	L5 AR-1248-1	6.041	5.201	22323256	16921097	385.733	344.047
22)	L5 AR-1248-2	6.626	5.771	24316512	23321880	432.626	255.118 #
23)	L5 AR-1248-3	6.653	5.812	8736199	5899548	116.797	93.279
24)	L5 AR-1248-4	6.692	5.989	7238035	1283964	102.242	23.535 #
25)	L5 AR-1248-5	6.843	6.337	20508340	32679714	448.365	802.920 #
26)	L6 AR-1254-1	6.843	5.917	20508340	16699583	123.682	138.890
27)	L6 AR-1254-2	7.128	6.234	3364976	3569553	33.082	36.118
28)	L6 AR-1254-3	7.213	6.551	10232614	2928793	56.265	23.354 #
29)	L6 AR-1254-4	7.499	6.876	6967875	5837451	52.292	66.364 #
30)	L6 AR-1254-5	7.762	6.969	26036697	63483129	254.648	365.468 #
31)	L7 AR-1260-1	7.376	6.453	50710584	47962711	434.760	447.650
32)	L7 AR-1260-2	7.633	6.639	59709131	57398144	444.947	443.762
33)	L7 AR-1260-3	7.919	6.795	70368158	51372636	454.136	425.714
34)	L7 AR-1260-4	8.226	7.268	49828503	42685167	436.187	435.780
35)	L7 AR-1260-5	8.557	7.506	97091351	104.3E6	426.228	436.737
36)	L8 AR-1262-1	7.270	6.337	32496069	32679714	549.678	620.559
37)	L8 AR-1262-2	8.050	7.059	22439159	22229782	445.160	440.602
38)	L8 AR-1262-3	8.312	7.365	24937617	22713306	438.642	415.805
39)	L8 AR-1262-4	8.956	7.791	35774760	20818103	312.127	232.922 #
40)	L8 AR-1262-5	9.661	8.362	25859221	25058173	318.126	316.906
41)	L9 AR-1268-1	7.992	7.005	42914588	45072934	816.826	894.486

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 Acq On : 03 Oct 2018 13:12
 Operator : SM\SJ
 Sample : AR1660CCC500
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

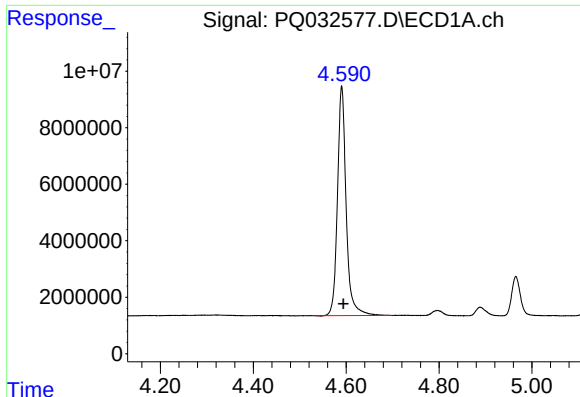
Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 04 02:23:01 2018
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ091818.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Sep 19 02:07:33 2018
 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
42) L9	AR-1268-2	8.226	7.856	49828503	73757567	731.669	277.853 #
43) L9	AR-1268-3	8.900	8.062	61104668	1200915	209.924	5.497 #
44) L9	AR-1268-4	0.000	8.157	0	1173581	N.D.	20.429 #
45) L9	AR-1268-5	10.092	8.668	6400049	6285259	8.623	8.835

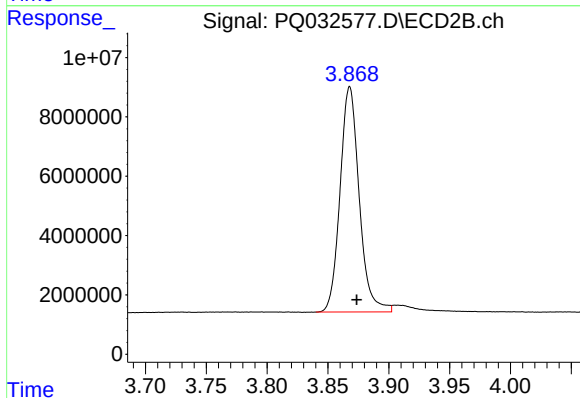
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

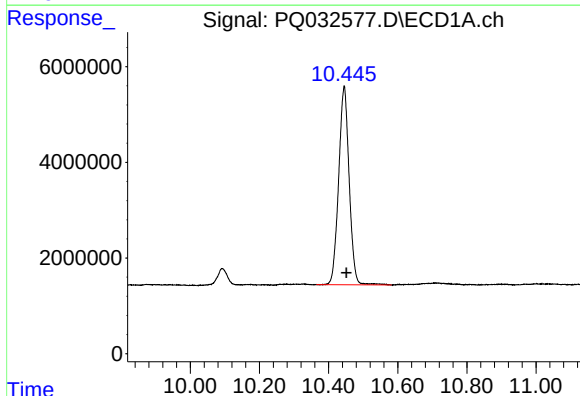
R.T.: 4.591 min
Delta R.T.: -0.003 min
Response: 105829433
Conc: 45.64 ng/ml

Instrument :
ECD_Q
ClientSampleId :



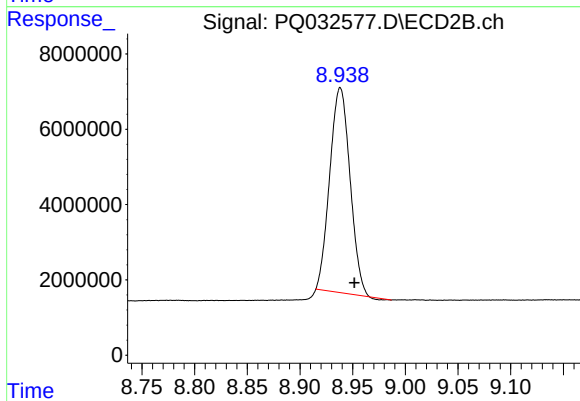
#1 Tetrachloro-m-xylene

R.T.: 3.868 min
Delta R.T.: -0.006 min
Response: 83264114
Conc: 41.58 ng/ml



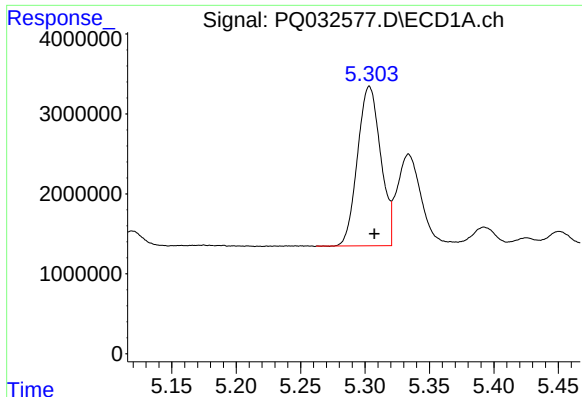
#2 Decachlorobiphenyl

R.T.: 10.445 min
Delta R.T.: -0.006 min
Response: 87501215
Conc: 41.97 ng/ml



#2 Decachlorobiphenyl

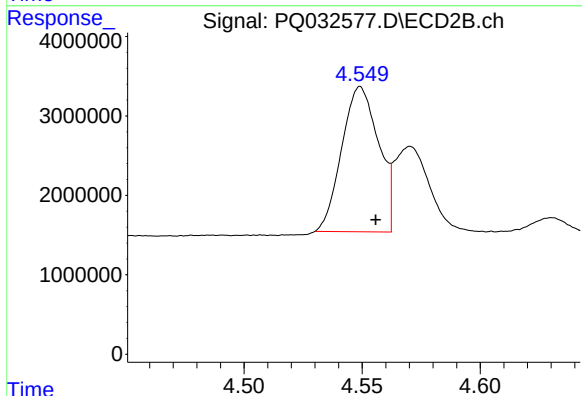
R.T.: 8.938 min
Delta R.T.: -0.014 min
Response: 72832582
Conc: 37.61 ng/ml



#3 AR-1016-1

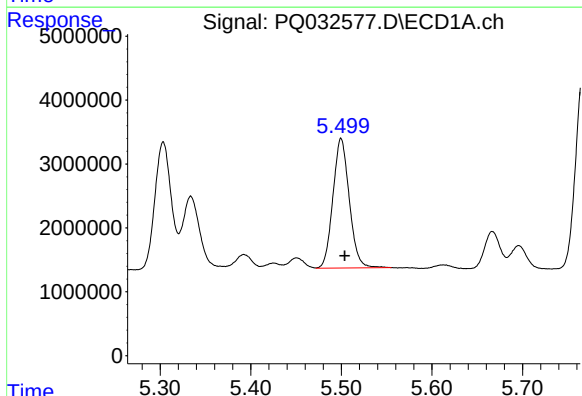
R.T.: 5.303 min
Delta R.T.: -0.004 min
Response: 24932570
Conc: 471.12 ng/ml

Instrument :
ECD_Q
ClientSampleId :



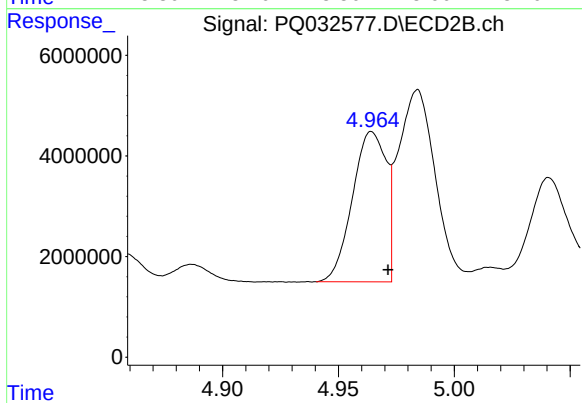
#3 AR-1016-1

R.T.: 4.549 min
Delta R.T.: -0.006 min
Response: 19821179
Conc: 410.80 ng/ml



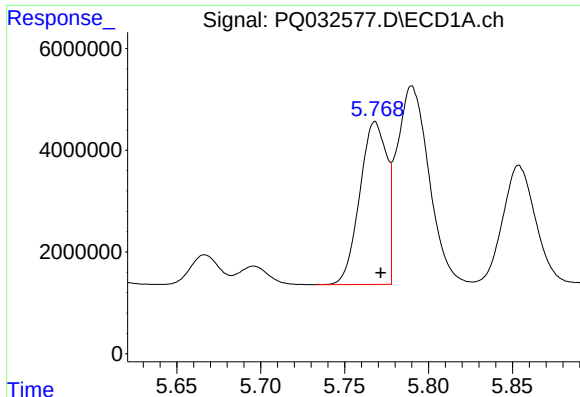
#4 AR-1016-2

R.T.: 5.500 min
Delta R.T.: -0.004 min
Response: 25423058
Conc: 484.80 ng/ml



#4 AR-1016-2

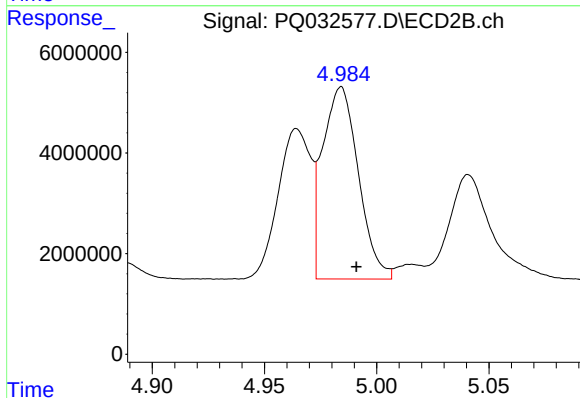
R.T.: 4.964 min
Delta R.T.: -0.007 min
Response: 30204586
Conc: 447.59 ng/ml



#5 AR-1016-3

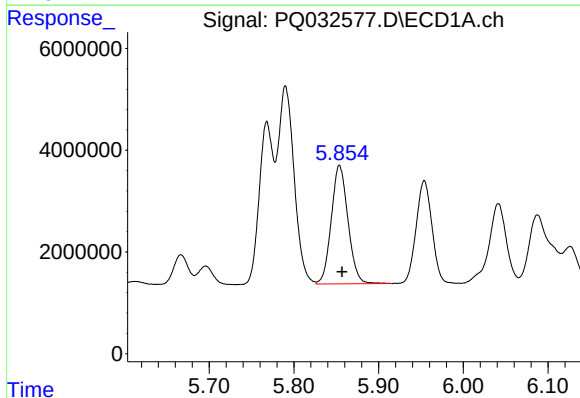
R.T.: 5.768 min
Delta R.T.: -0.003 min
Response: 35846126
Conc: 486.03 ng/ml

Instrument :
ECD_Q
ClientSampleId :



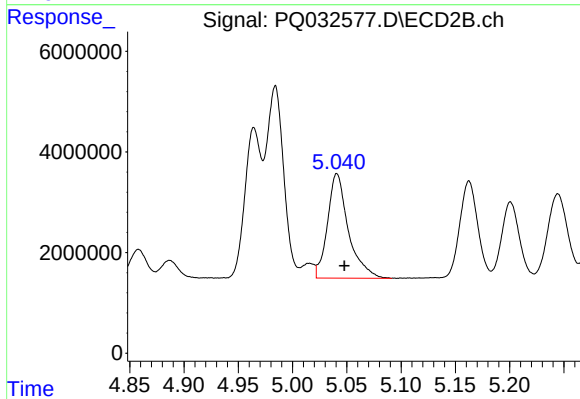
#5 AR-1016-3

R.T.: 4.984 min
Delta R.T.: -0.007 min
Response: 42357125
Conc: 453.35 ng/ml



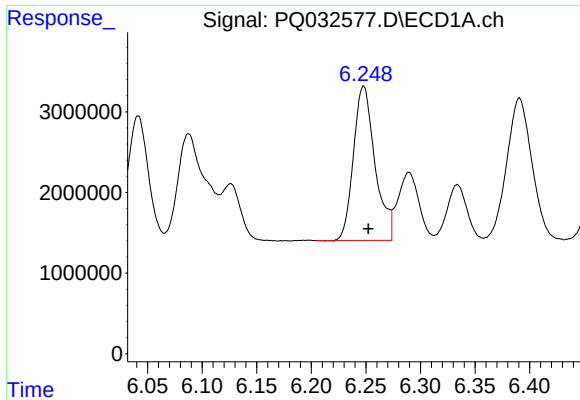
#6 AR-1016-4

R.T.: 5.854 min
Delta R.T.: -0.003 min
Response: 31918892
Conc: 467.59 ng/ml



#6 AR-1016-4

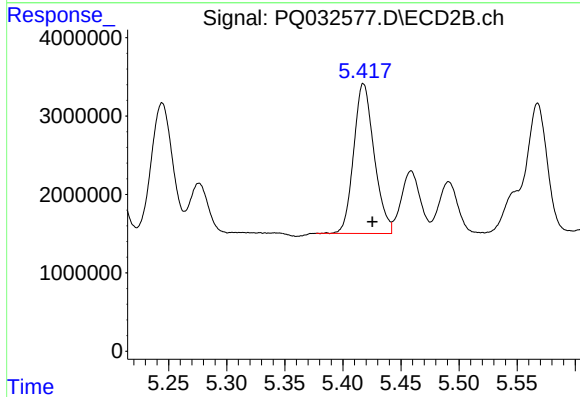
R.T.: 5.041 min
Delta R.T.: -0.007 min
Response: 27796608
Conc: 468.18 ng/ml



#7 AR-1016-5

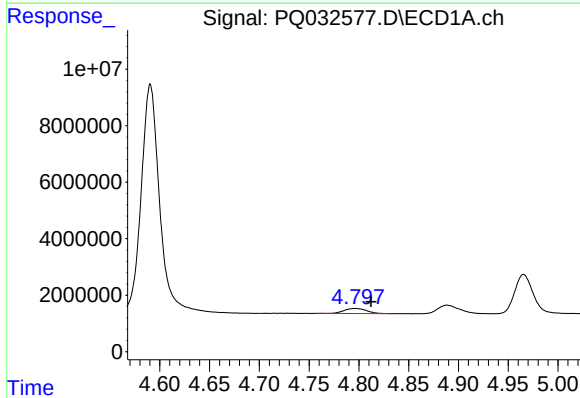
R.T.: 6.248 min
Delta R.T.: -0.004 min
Response: 26325312
Conc: 483.42 ng/ml

Instrument :
ECD_Q
ClientSampleId :



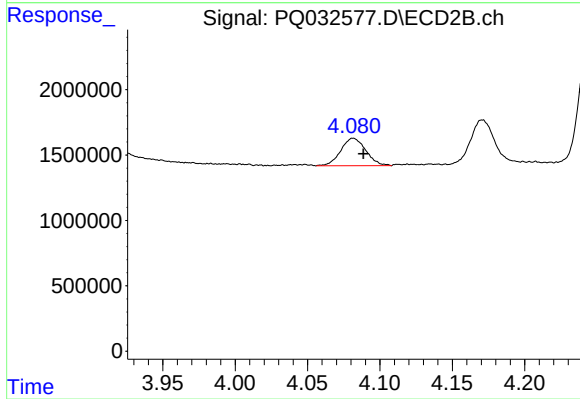
#7 AR-1016-5

R.T.: 5.418 min
Delta R.T.: -0.008 min
Response: 23416796
Conc: 448.06 ng/ml



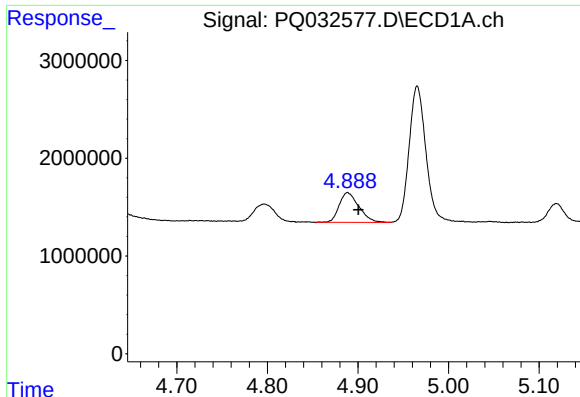
#8 AR-1221-1

R.T.: 4.797 min
Delta R.T.: -0.016 min
Response: 2848664
Conc: 120.81 ng/ml



#8 AR-1221-1

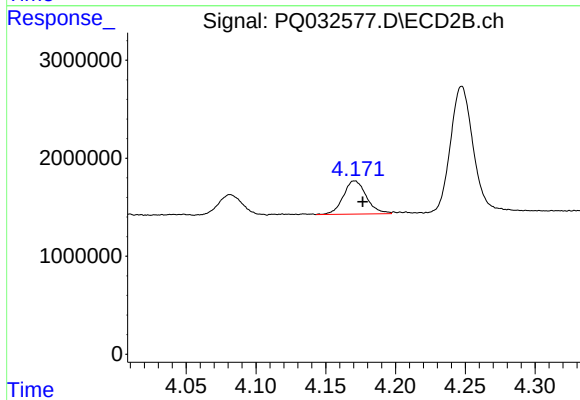
R.T.: 4.082 min
Delta R.T.: -0.007 min
Response: 2522301
Conc: 124.42 ng/ml



#9 AR-1221-2

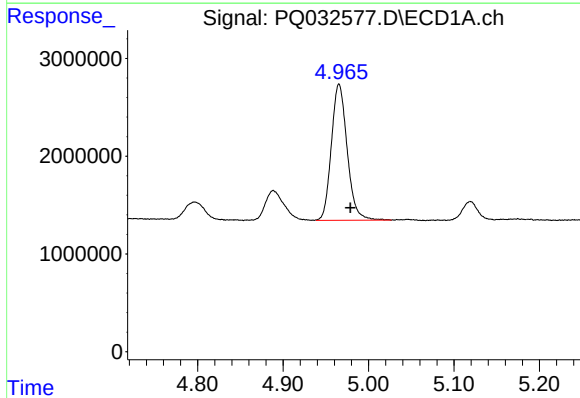
R.T.: 4.889 min
Delta R.T.: -0.012 min
Response: 4576183
Conc: 260.71 ng/ml

Instrument :
ECD_Q
ClientSampleId :



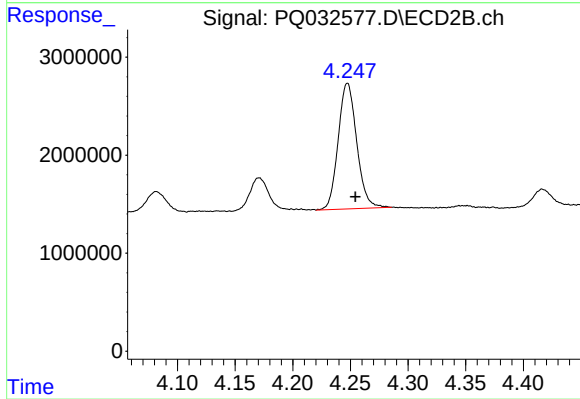
#9 AR-1221-2

R.T.: 4.171 min
Delta R.T.: -0.006 min
Response: 3899725
Conc: 249.62 ng/ml



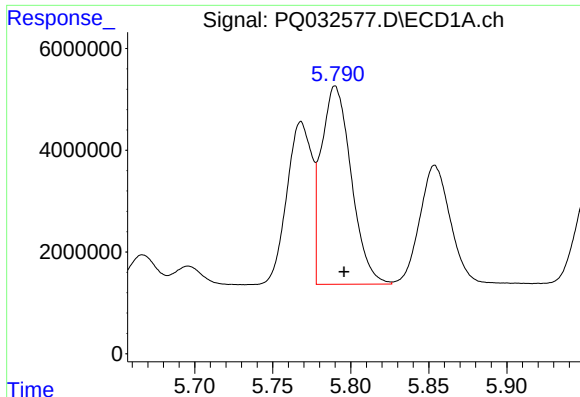
#10 AR-1221-3

R.T.: 4.965 min
Delta R.T.: -0.013 min
Response: 17921279
Conc: 323.58 ng/ml



#10 AR-1221-3

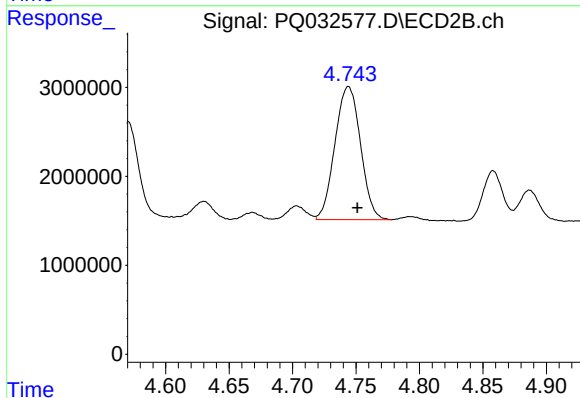
R.T.: 4.248 min
Delta R.T.: -0.007 min
Response: 14366727
Conc: 293.36 ng/ml



#11 AR-1232-1

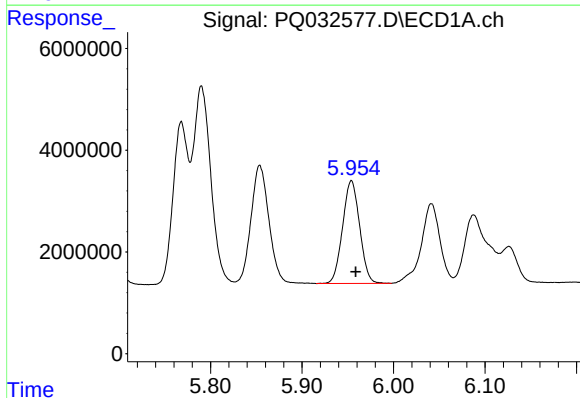
R.T.: 5.790 min
Delta R.T.: -0.006 min
Response: 52142860
Conc: 1258.02 ng/ml

Instrument :
ECD_Q
ClientSampleId :



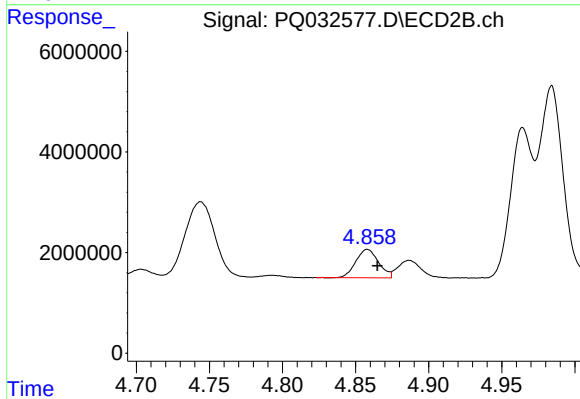
#11 AR-1232-1

R.T.: 4.744 min
Delta R.T.: -0.007 min
Response: 20985502
Conc: 1203.97 ng/ml



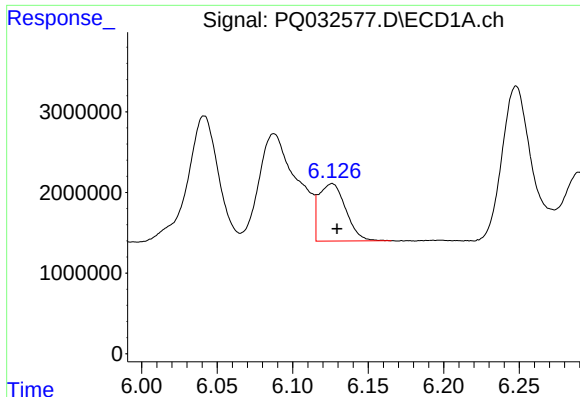
#12 AR-1232-2

R.T.: 5.954 min
Delta R.T.: -0.005 min
Response: 26149488
Conc: 1264.08 ng/ml



#12 AR-1232-2

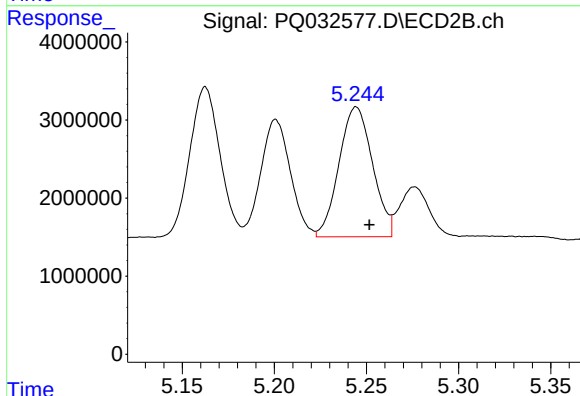
R.T.: 4.858 min
Delta R.T.: -0.007 min
Response: 6094783
Conc: 1207.93 ng/ml



#13 AR-1232-3

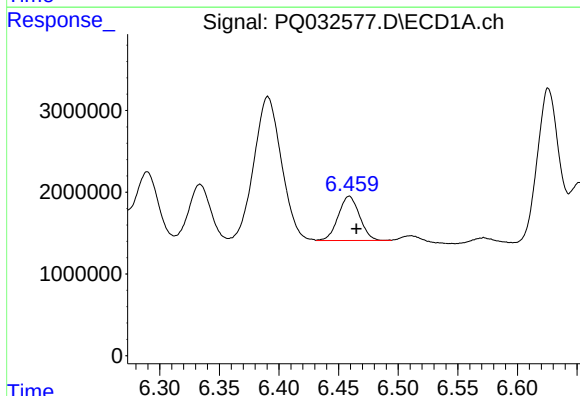
R.T.: 6.126 min
Delta R.T.: -0.003 min
Response: 8837347
Conc: 1533.51 ng/ml

Instrument :
ECD_Q
ClientSampleId :



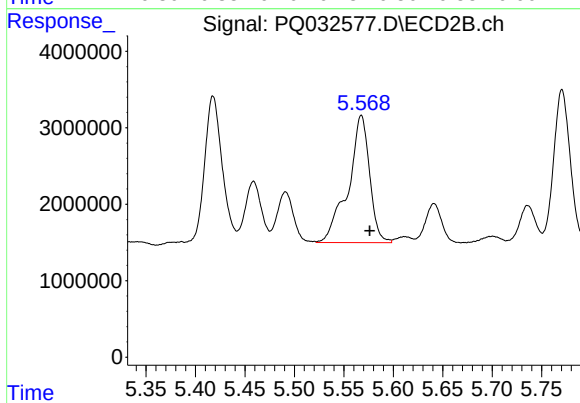
#13 AR-1232-3

R.T.: 5.244 min
Delta R.T.: -0.007 min
Response: 21073233
Conc: 1343.54 ng/ml



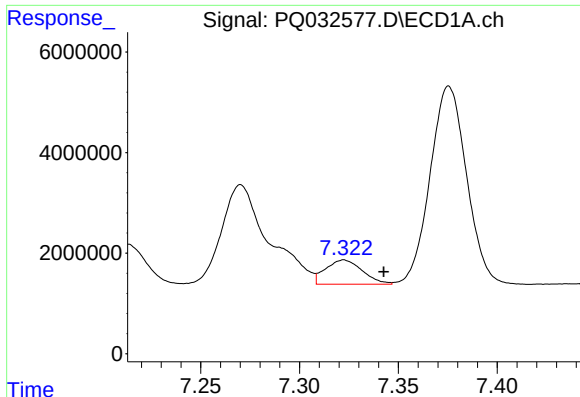
#14 AR-1232-4

R.T.: 6.459 min
Delta R.T.: -0.006 min
Response: 6720729
Conc: 1393.28 ng/ml



#14 AR-1232-4

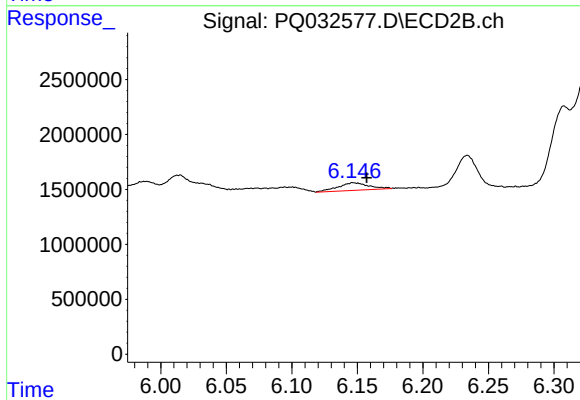
R.T.: 5.568 min
Delta R.T.: -0.008 min
Response: 25061407
Conc: 1357.06 ng/ml



#15 AR-1232-5

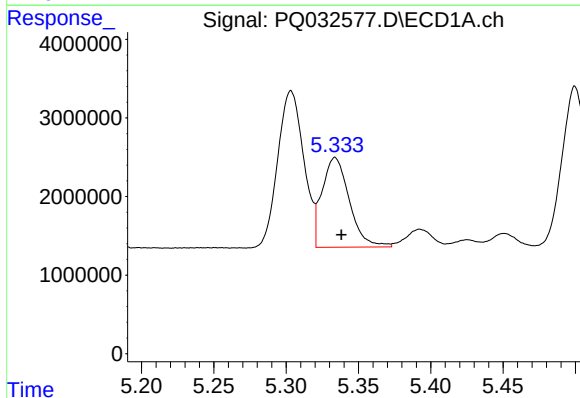
R.T.: 7.322 min
Delta R.T.: -0.020 min
Response: 6276060
Conc: 2437.17 ng/ml

Instrument :
ECD_Q
ClientSampleId :



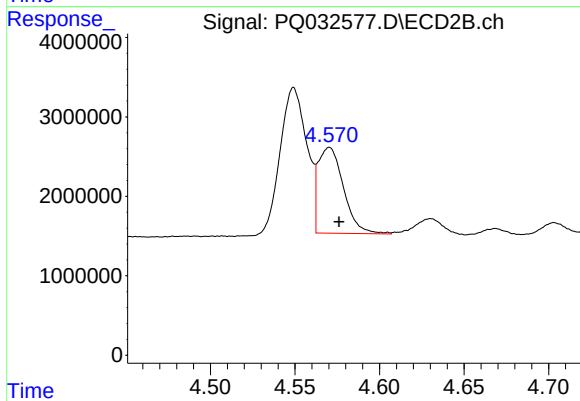
#15 AR-1232-5

R.T.: 6.147 min
Delta R.T.: -0.010 min
Response: 1122129
Conc: 393.26 ng/ml



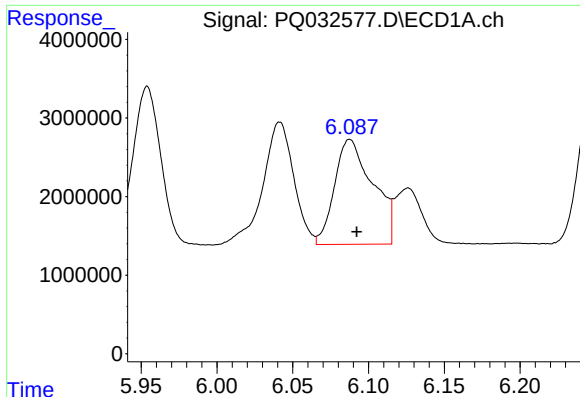
#16 AR-1242-1

R.T.: 5.334 min
Delta R.T.: -0.004 min
Response: 14992231
Conc: 677.59 ng/ml



#16 AR-1242-1

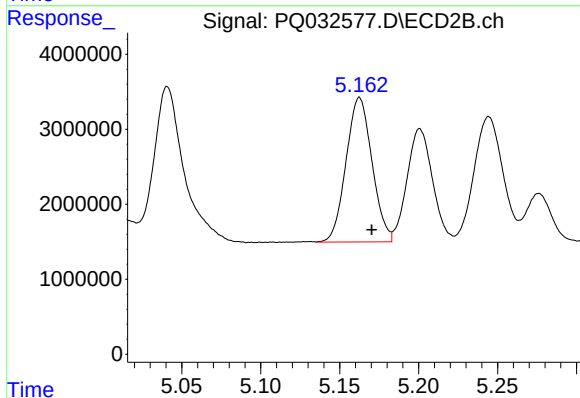
R.T.: 4.570 min
Delta R.T.: -0.006 min
Response: 11325287
Conc: 569.74 ng/ml



#17 AR-1242-2

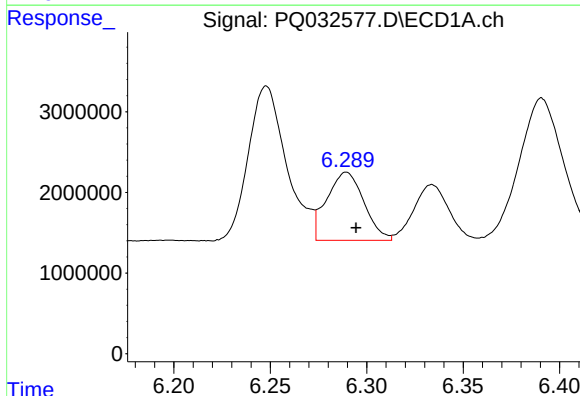
R.T.: 6.088 min
Delta R.T.: -0.005 min
Response: 23513733
Conc: 647.66 ng/ml

Instrument :
ECD_Q
ClientSampleId :



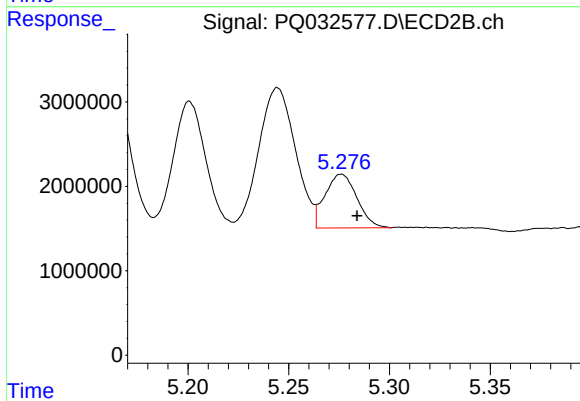
#17 AR-1242-2

R.T.: 5.163 min
Delta R.T.: -0.008 min
Response: 22040690
Conc: 614.36 ng/ml



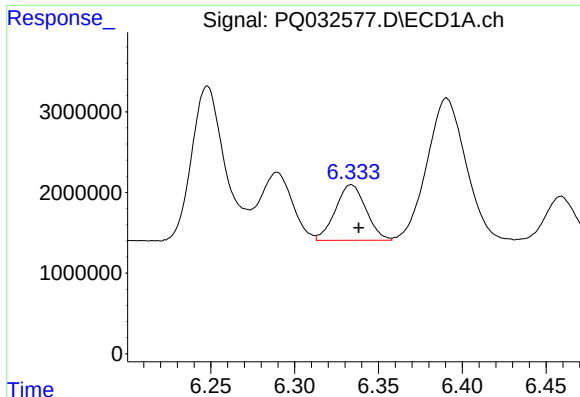
#18 AR-1242-3

R.T.: 6.290 min
Delta R.T.: -0.005 min
Response: 11322666
Conc: 664.43 ng/ml



#18 AR-1242-3

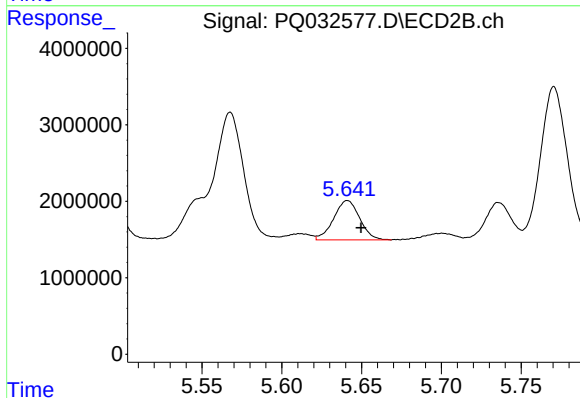
R.T.: 5.276 min
Delta R.T.: -0.008 min
Response: 7022329
Conc: 596.46 ng/ml



#19 AR-1242-4

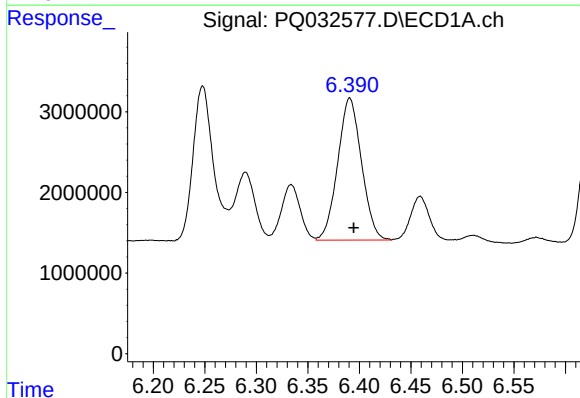
R.T.: 6.334 min
Delta R.T.: -0.004 min
Response: 8717870
Conc: 572.57 ng/ml

Instrument :
ECD_Q
ClientSampleId :



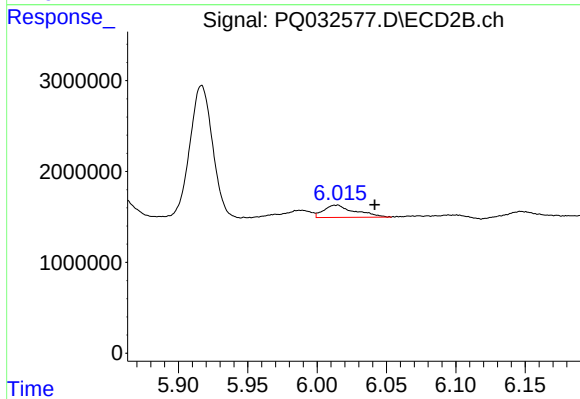
#19 AR-1242-4

R.T.: 5.641 min
Delta R.T.: -0.008 min
Response: 5834202
Conc: 559.50 ng/ml



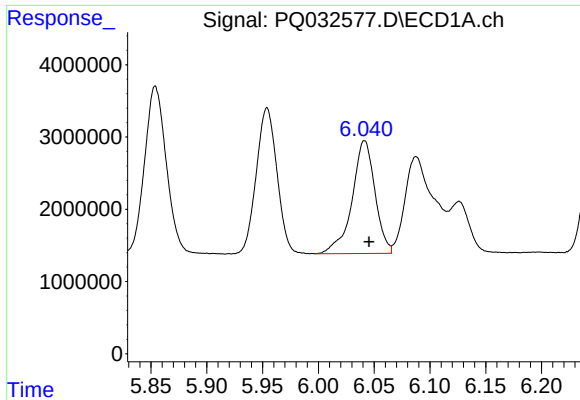
#20 AR-1242-5

R.T.: 6.391 min
Delta R.T.: -0.004 min
Response: 28325090
Conc: 623.37 ng/ml



#20 AR-1242-5

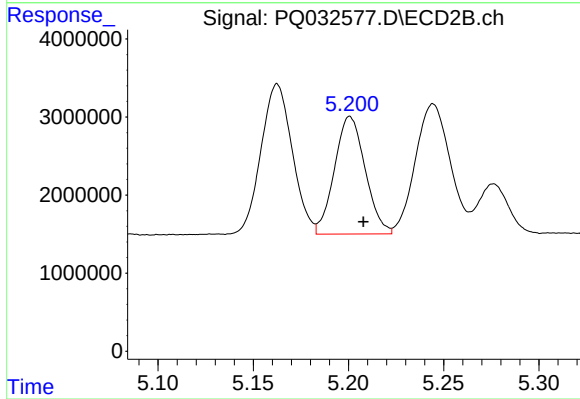
R.T.: 6.014 min
Delta R.T.: -0.027 min
Response: 2135125
Conc: 89.95 ng/ml



#21 AR-1248-1

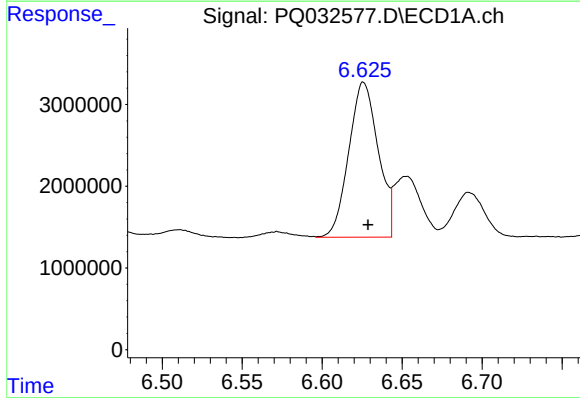
R.T.: 6.041 min
Delta R.T.: -0.004 min
Response: 22323256
Conc: 385.73 ng/ml

Instrument :
ECD_Q
ClientSampleId :



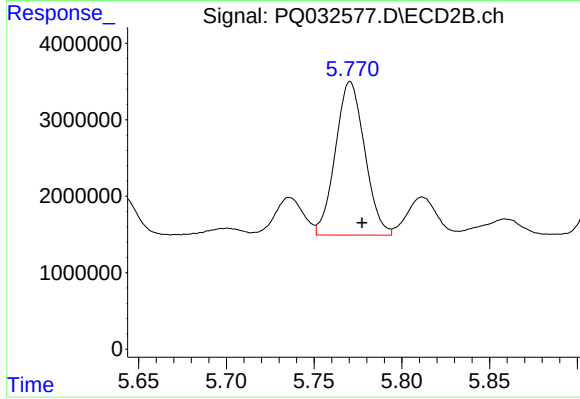
#21 AR-1248-1

R.T.: 5.201 min
Delta R.T.: -0.007 min
Response: 16921097
Conc: 344.05 ng/ml



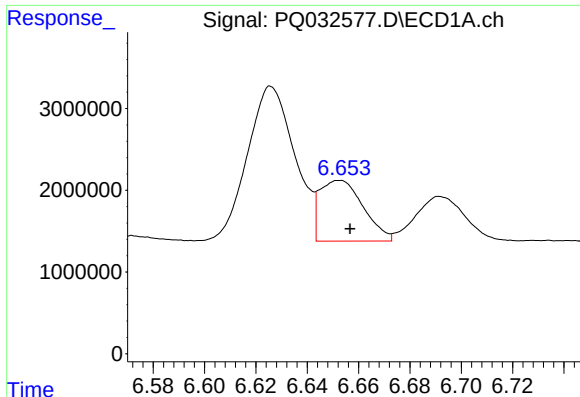
#22 AR-1248-2

R.T.: 6.626 min
Delta R.T.: -0.003 min
Response: 24316512
Conc: 432.63 ng/ml



#22 AR-1248-2

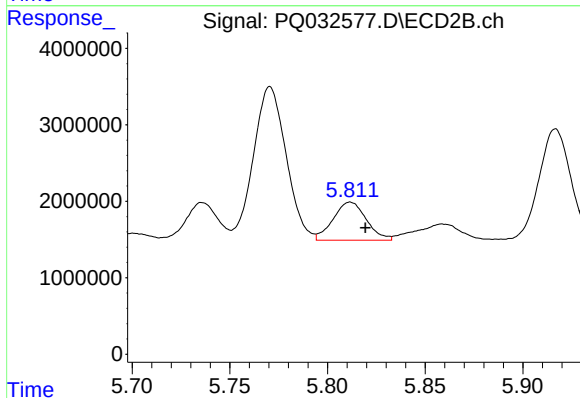
R.T.: 5.771 min
Delta R.T.: -0.007 min
Response: 23321880
Conc: 255.12 ng/ml



#23 AR-1248-3

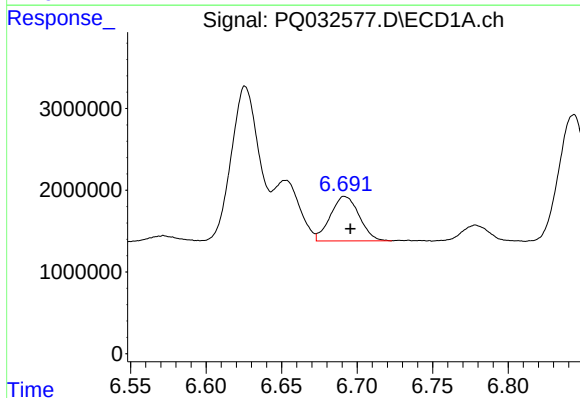
R.T.: 6.653 min
Delta R.T.: -0.004 min
Response: 8736199
Conc: 116.80 ng/ml

Instrument :
ECD_Q
ClientSampleId :



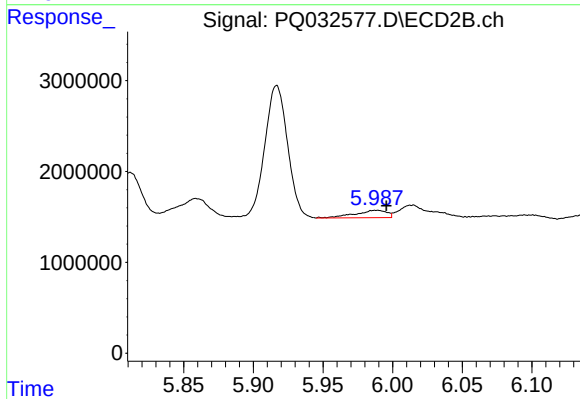
#23 AR-1248-3

R.T.: 5.812 min
Delta R.T.: -0.008 min
Response: 5899548
Conc: 93.28 ng/ml



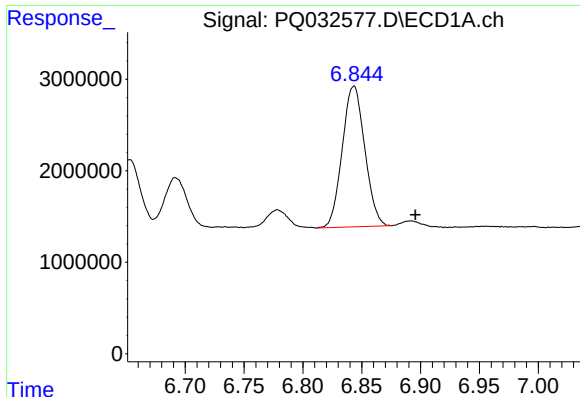
#24 AR-1248-4

R.T.: 6.692 min
Delta R.T.: -0.004 min
Response: 7238035
Conc: 102.24 ng/ml



#24 AR-1248-4

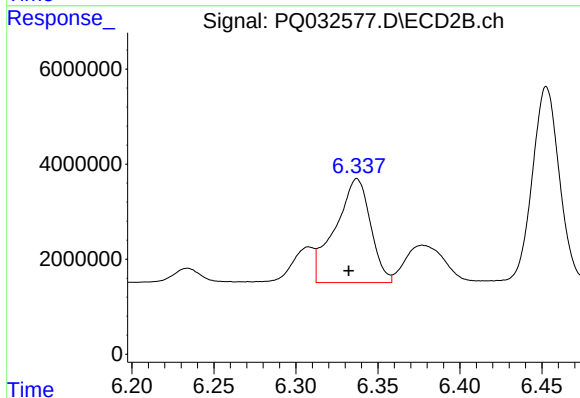
R.T.: 5.989 min
Delta R.T.: -0.007 min
Response: 1283964
Conc: 23.53 ng/ml



#25 AR-1248-5

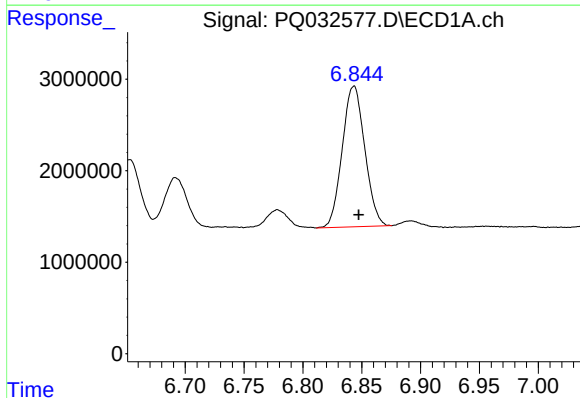
R.T.: 6.843 min
Delta R.T.: -0.052 min
Response: 20508340
Conc: 448.36 ng/ml

Instrument :
ECD_Q
ClientSampleId :



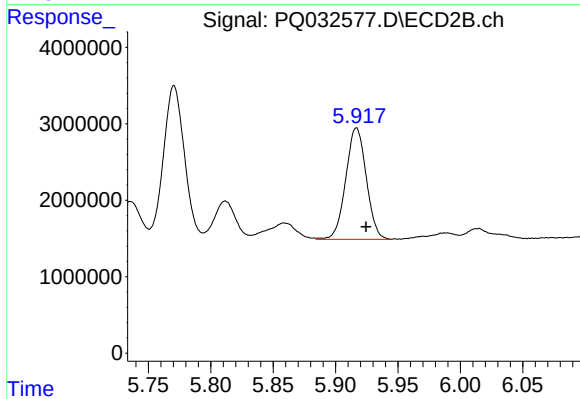
#25 AR-1248-5

R.T.: 6.337 min
Delta R.T.: 0.005 min
Response: 32679714
Conc: 802.92 ng/ml



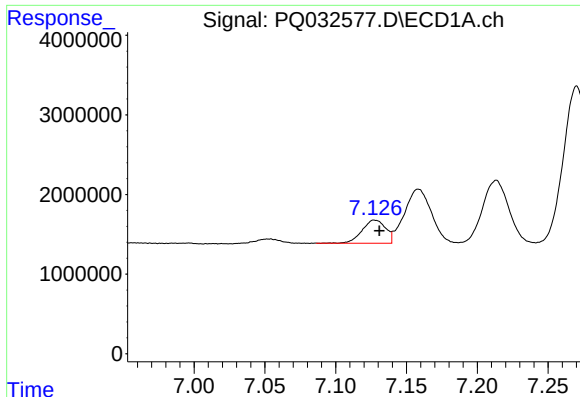
#26 AR-1254-1

R.T.: 6.843 min
Delta R.T.: -0.004 min
Response: 20508340
Conc: 123.68 ng/ml



#26 AR-1254-1

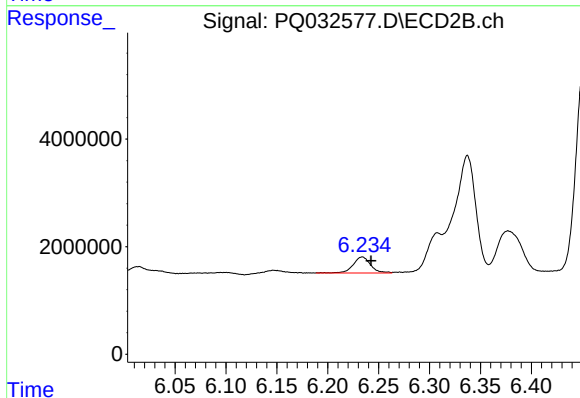
R.T.: 5.917 min
Delta R.T.: -0.008 min
Response: 16699583
Conc: 138.89 ng/ml



#27 AR-1254-2

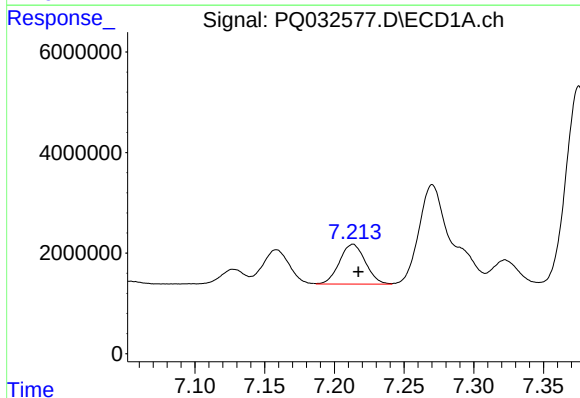
R.T.: 7.128 min
Delta R.T.: -0.003 min
Response: 3364976
Conc: 33.08 ng/ml

Instrument :
ECD_Q
ClientSampleId :



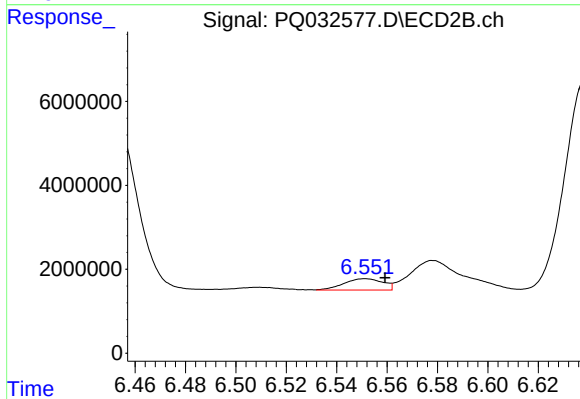
#27 AR-1254-2

R.T.: 6.234 min
Delta R.T.: -0.009 min
Response: 3569553
Conc: 36.12 ng/ml



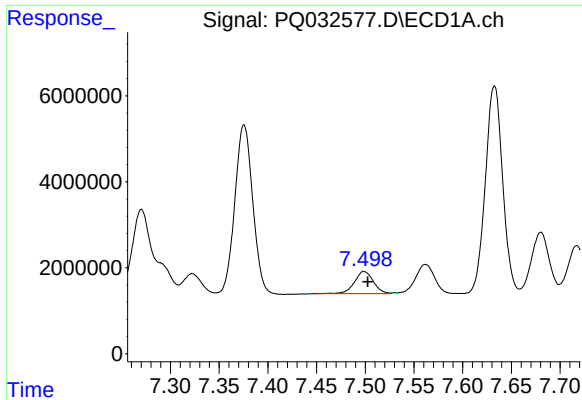
#28 AR-1254-3

R.T.: 7.213 min
Delta R.T.: -0.004 min
Response: 10232614
Conc: 56.27 ng/ml



#28 AR-1254-3

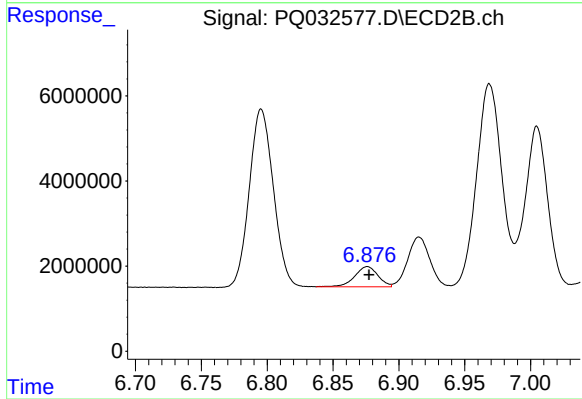
R.T.: 6.551 min
Delta R.T.: -0.008 min
Response: 2928793
Conc: 23.35 ng/ml



#29 AR-1254-4

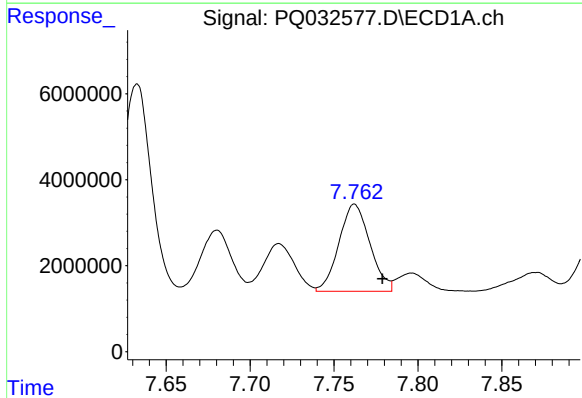
R.T.: 7.499 min
Delta R.T.: -0.004 min
Response: 6967875
Conc: 52.29 ng/ml

Instrument :
ECD_Q
ClientSampleId :



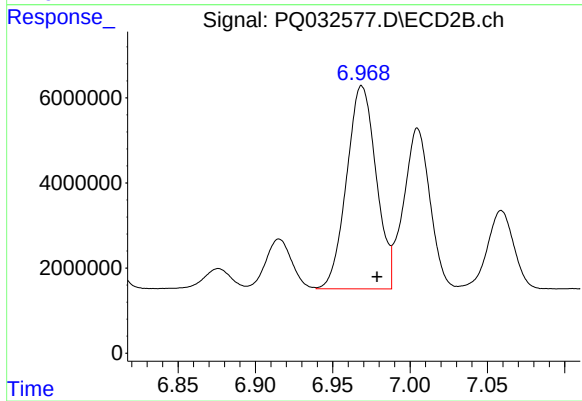
#29 AR-1254-4

R.T.: 6.876 min
Delta R.T.: -0.001 min
Response: 5837451
Conc: 66.36 ng/ml



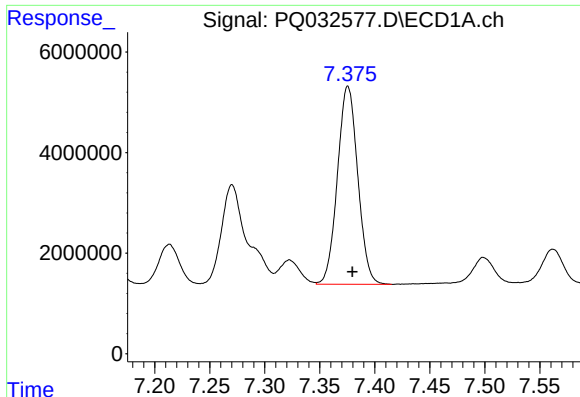
#30 AR-1254-5

R.T.: 7.762 min
Delta R.T.: -0.017 min
Response: 26036697
Conc: 254.65 ng/ml



#30 AR-1254-5

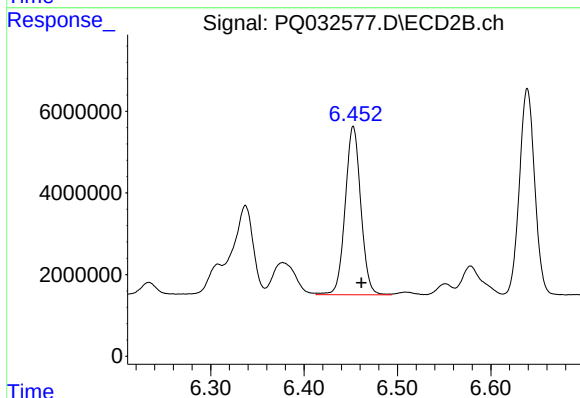
R.T.: 6.969 min
Delta R.T.: -0.010 min
Response: 63483129
Conc: 365.47 ng/ml



#31 AR-1260-1

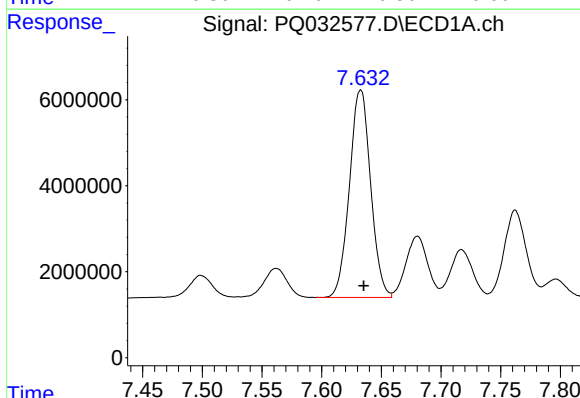
R.T.: 7.376 min
Delta R.T.: -0.004 min
Response: 50710584
Conc: 434.76 ng/ml

Instrument :
ECD_Q
ClientSampleId :



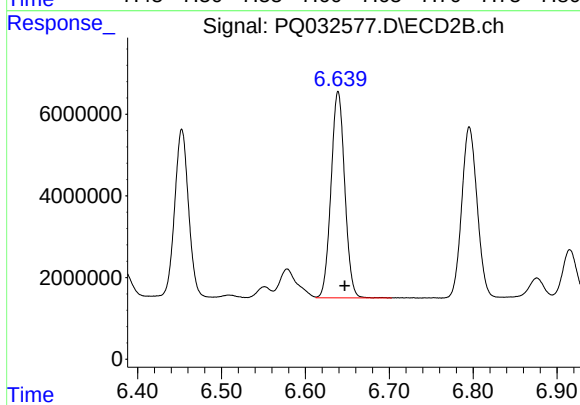
#31 AR-1260-1

R.T.: 6.453 min
Delta R.T.: -0.009 min
Response: 47962711
Conc: 447.65 ng/ml



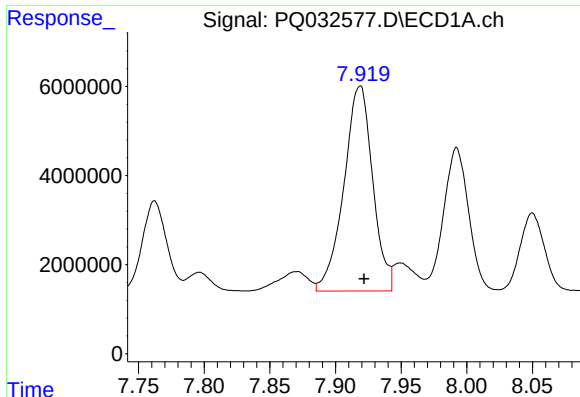
#32 AR-1260-2

R.T.: 7.633 min
Delta R.T.: -0.003 min
Response: 59709131
Conc: 444.95 ng/ml



#32 AR-1260-2

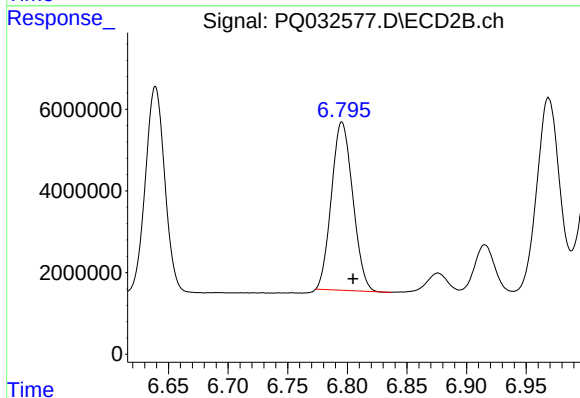
R.T.: 6.639 min
Delta R.T.: -0.008 min
Response: 57398144
Conc: 443.76 ng/ml



#33 AR-1260-3

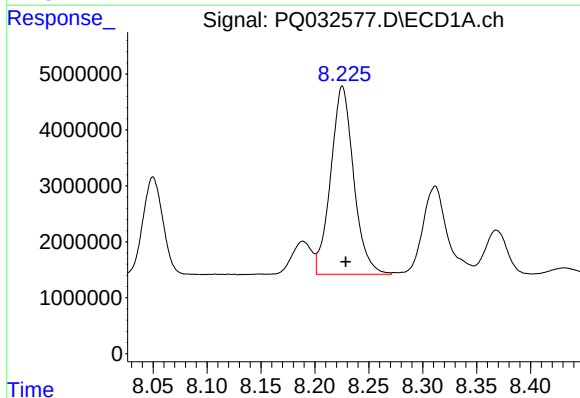
R.T.: 7.919 min
Delta R.T.: -0.003 min
Response: 70368158
Conc: 454.14 ng/ml

Instrument :
ECD_Q
ClientSampleId :



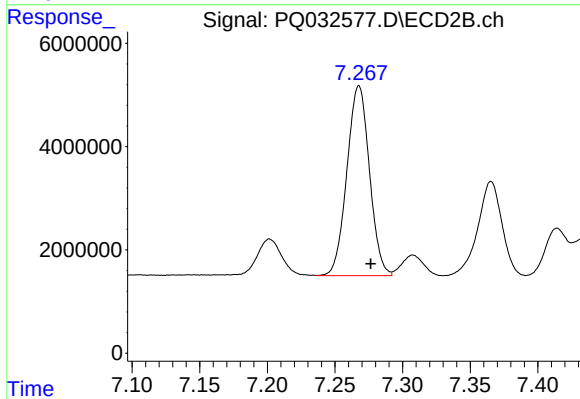
#33 AR-1260-3

R.T.: 6.795 min
Delta R.T.: -0.009 min
Response: 51372636
Conc: 425.71 ng/ml



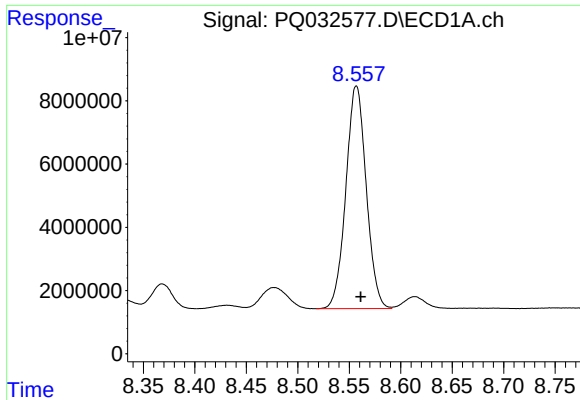
#34 AR-1260-4

R.T.: 8.226 min
Delta R.T.: -0.003 min
Response: 49828503
Conc: 436.19 ng/ml



#34 AR-1260-4

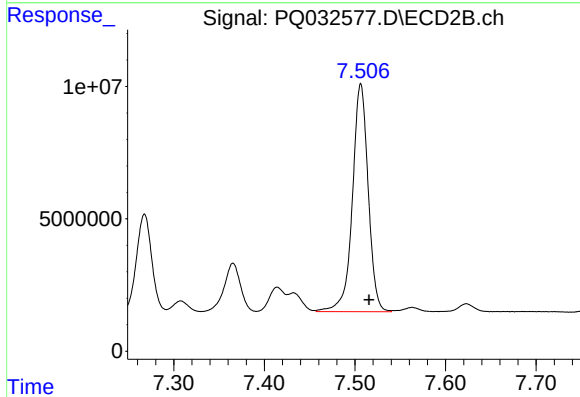
R.T.: 7.268 min
Delta R.T.: -0.009 min
Response: 42685167
Conc: 435.78 ng/ml



#35 AR-1260-5

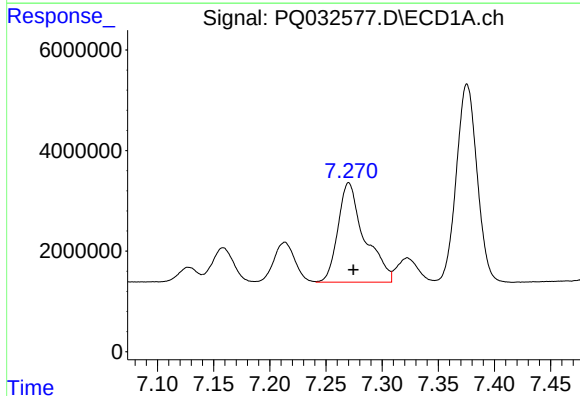
R.T.: 8.557 min
Delta R.T.: -0.004 min
Response: 97091351
Conc: 426.23 ng/ml

Instrument :
ECD_Q
ClientSampleId :



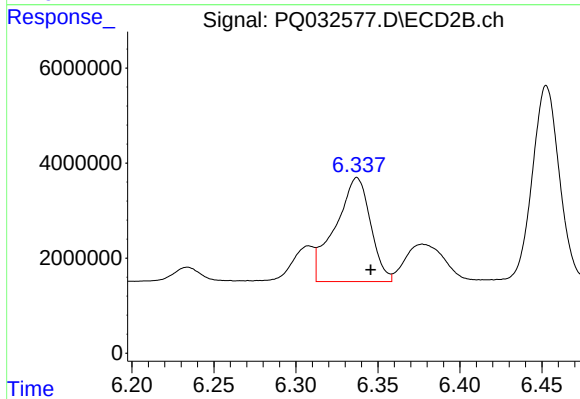
#35 AR-1260-5

R.T.: 7.506 min
Delta R.T.: -0.009 min
Response: 104292333
Conc: 436.74 ng/ml



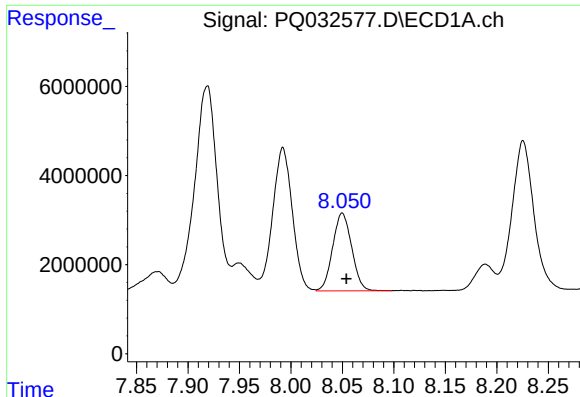
#36 AR-1262-1

R.T.: 7.270 min
Delta R.T.: -0.004 min
Response: 32496069
Conc: 549.68 ng/ml



#36 AR-1262-1

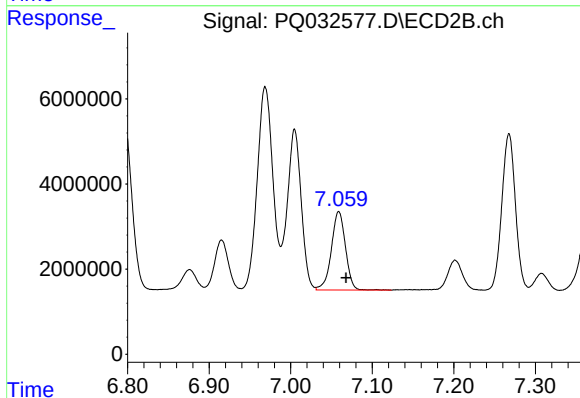
R.T.: 6.337 min
Delta R.T.: -0.008 min
Response: 32679714
Conc: 620.56 ng/ml



#37 AR-1262-2

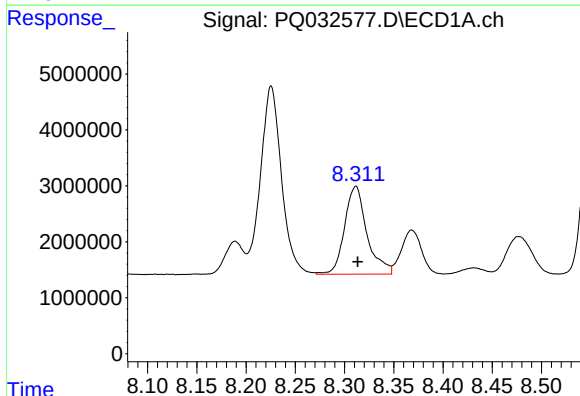
R.T.: 8.050 min
Delta R.T.: -0.004 min
Response: 22439159
Conc: 445.16 ng/ml

Instrument :
ECD_Q
ClientSampleId :



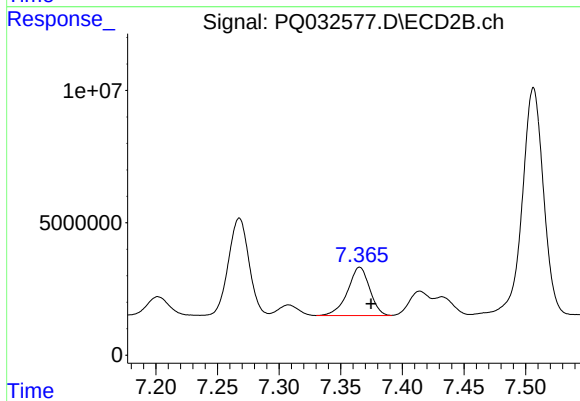
#37 AR-1262-2

R.T.: 7.059 min
Delta R.T.: -0.009 min
Response: 22229782
Conc: 440.60 ng/ml



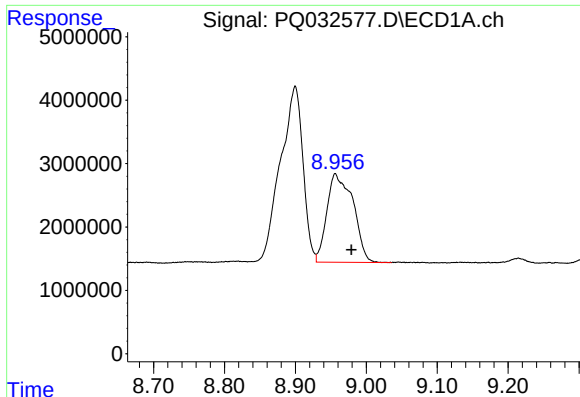
#38 AR-1262-3

R.T.: 8.312 min
Delta R.T.: -0.002 min
Response: 24937617
Conc: 438.64 ng/ml



#38 AR-1262-3

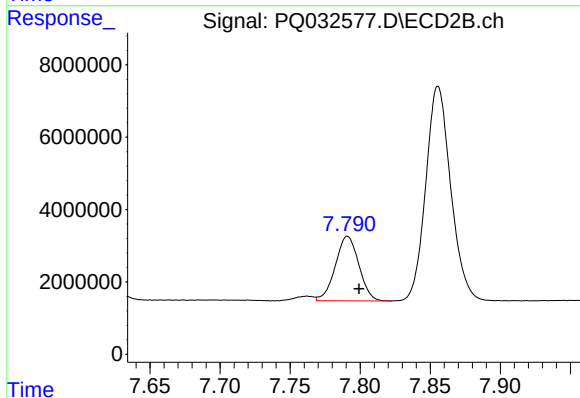
R.T.: 7.365 min
Delta R.T.: -0.009 min
Response: 22713306
Conc: 415.80 ng/ml



#39 AR-1262-4

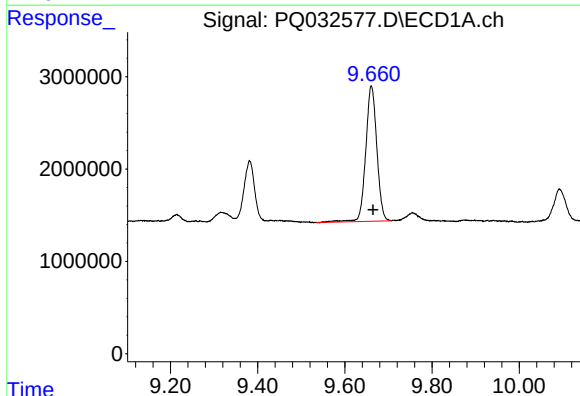
R.T.: 8.956 min
Delta R.T.: -0.022 min
Response: 35774760
Conc: 312.13 ng/ml

Instrument :
ECD_Q
ClientSampleId :



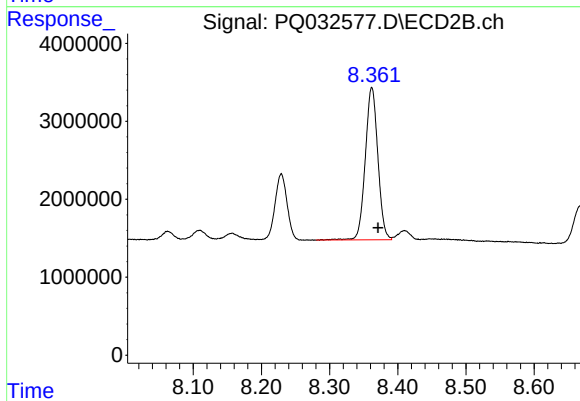
#39 AR-1262-4

R.T.: 7.791 min
Delta R.T.: -0.008 min
Response: 20818103
Conc: 232.92 ng/ml



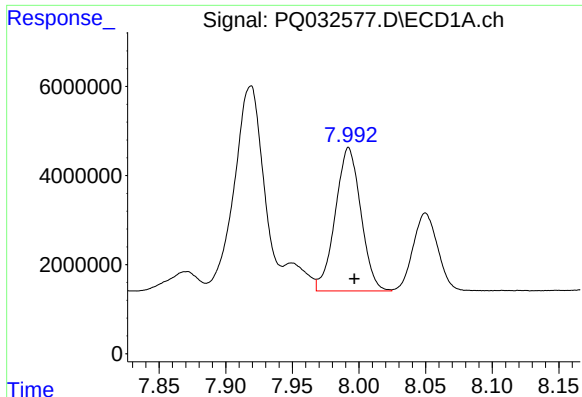
#40 AR-1262-5

R.T.: 9.661 min
Delta R.T.: -0.004 min
Response: 25859221
Conc: 318.13 ng/ml



#40 AR-1262-5

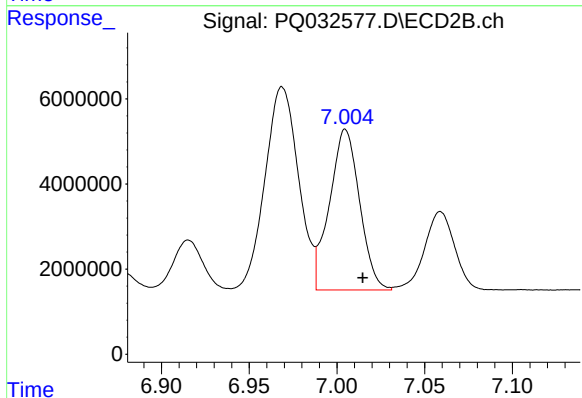
R.T.: 8.362 min
Delta R.T.: -0.009 min
Response: 25058173
Conc: 316.91 ng/ml



#41 AR-1268-1

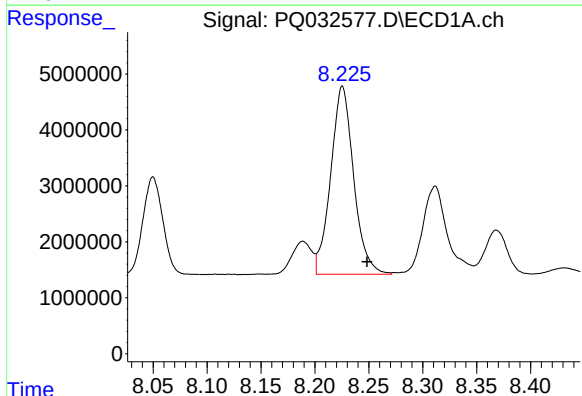
R.T.: 7.992 min
Delta R.T.: -0.004 min
Response: 42914588
Conc: 816.83 ng/ml

Instrument :
ECD_Q
ClientSampleId :



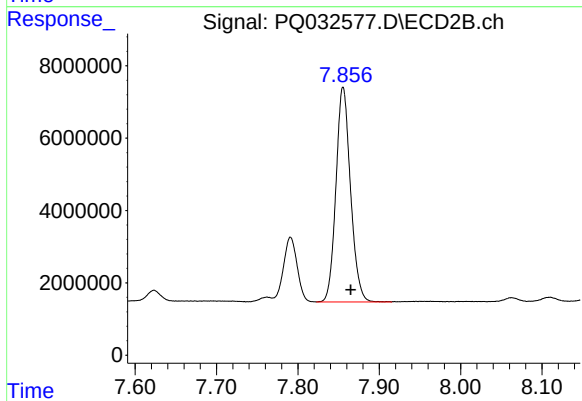
#41 AR-1268-1

R.T.: 7.005 min
Delta R.T.: -0.010 min
Response: 45072934
Conc: 894.49 ng/ml



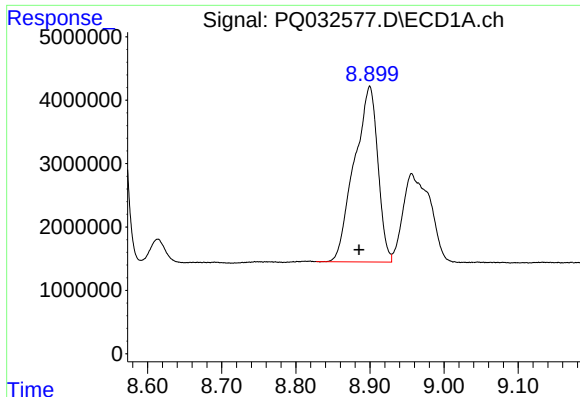
#42 AR-1268-2

R.T.: 8.226 min
Delta R.T.: -0.023 min
Response: 49828503
Conc: 731.67 ng/ml



#42 AR-1268-2

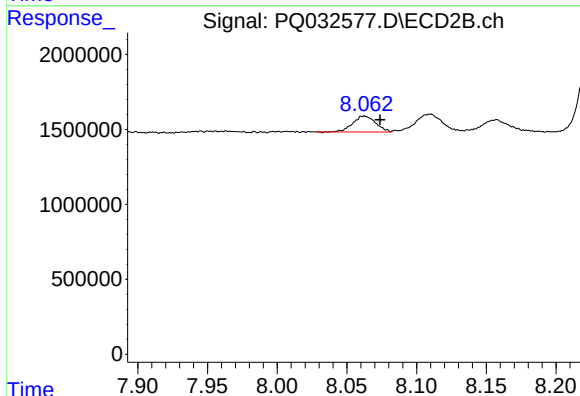
R.T.: 7.856 min
Delta R.T.: -0.010 min
Response: 73757567
Conc: 277.85 ng/ml



#43 AR-1268-3

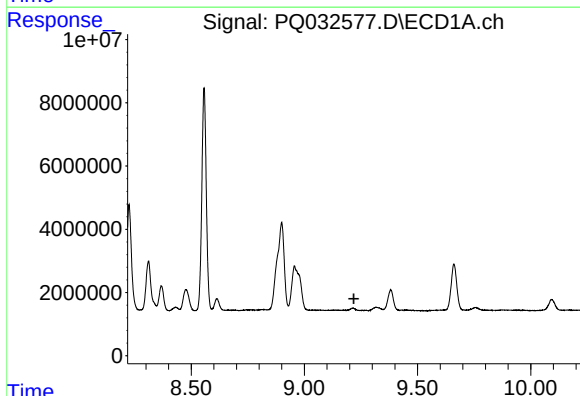
R.T.: 8.900 min
Delta R.T.: 0.015 min
Response: 61104668
Conc: 209.92 ng/ml

Instrument :
ECD_Q
ClientSampleId :



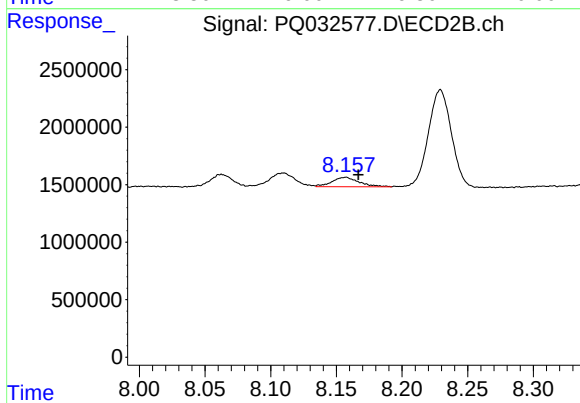
#43 AR-1268-3

R.T.: 8.062 min
Delta R.T.: -0.011 min
Response: 1200915
Conc: 5.50 ng/ml



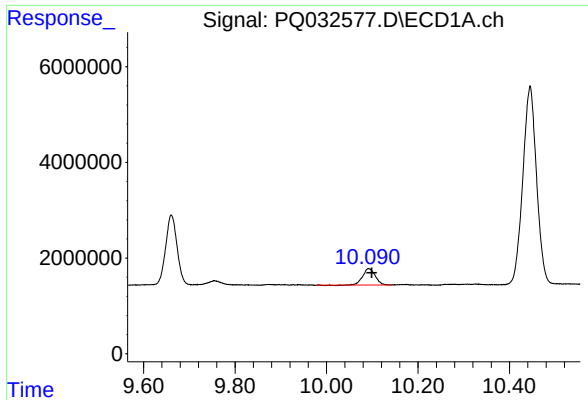
#44 AR-1268-4

R.T.: 0.000 min
Exp R.T. : 9.219 min
Response: 0
Conc: N.D.



#44 AR-1268-4

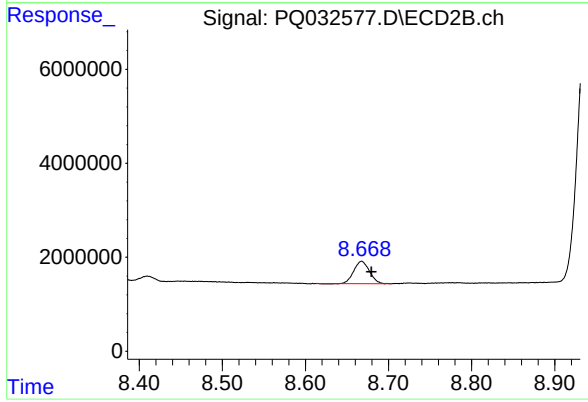
R.T.: 8.157 min
Delta R.T.: -0.010 min
Response: 1173581
Conc: 20.43 ng/ml



#45 AR-1268-5

R.T.: 10.092 min
Delta R.T.: -0.007 min
Response: 6400049
Conc: 8.62 ng/ml

Instrument :
ECD_Q
ClientSampleId :



#45 AR-1268-5

R.T.: 8.668 min
Delta R.T.: -0.012 min
Response: 6285259
Conc: 8.84 ng/ml