

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ080522\
 Data File : PQ058793.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 05 Aug 2022 19:17
 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: Aug 06 07:37:04 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ080422.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Sat Aug 06 07:23:38 2022
 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...	4.685	4.047	352.4E6	293.2E6	52.161	53.455
2)	SA Decachlor...	10.589	9.166	329.1E6	189.2E6	46.853	47.965
Target Compounds							
3)	L1 AR-1016-1	5.866	5.145	77506549	82098469	491.195	516.139
4)	L1 AR-1016-2	5.889	5.165	136.1E6	118.1E6	498.388	512.762
5)	L1 AR-1016-3	5.952	5.345	89256020	59186687	497.233	515.566
6)	L1 AR-1016-4	6.053	5.383	74744609	48445713	500.322	518.350
7)	L1 AR-1016-5	6.346	5.600	61195597	63659971	502.808	511.973
8)	L2 AR-1221-1	4.893	4.261	9464673	7800952	135.417	134.173
9)	L2 AR-1221-2	4.986	4.350	15744813	11926234	283.758	276.440
10)	L2 AR-1221-3	5.064	4.427	56544295	45768597	324.194	326.565
11)	L3 AR-1232-1	5.064	4.427	56544295	45768597	423.071	419.947
12)	L3 AR-1232-2	5.597	5.165	74569482	118.1E6	1191.736	1219.384
13)	L3 AR-1232-3	5.889	5.345	136.1E6	59186687	1137.337	1229.763
14)	L3 AR-1232-4	6.053	5.426	74744609	59978324	1179.822	1341.550
15)	L3 AR-1232-5	6.138	5.600	50272646	63659971	1283.877	1275.257
16)	L4 AR-1242-1	5.866	5.145	77506549	82098469	586.639	614.884
17)	L4 AR-1242-2	5.889	5.165	136.1E6	118.1E6	594.249	612.566
18)	L4 AR-1242-3	5.952	5.345	89256020	59186687	586.285	616.608
19)	L4 AR-1242-4	6.053	5.426	74744609	59978324	602.193	606.314
20)	L4 AR-1242-5	6.789	5.953	16872622	60411897	151.514	521.551 #
21)	L5 AR-1248-1	5.866	5.145	77506549	82098469	761.482	811.750
22)	L5 AR-1248-2	6.138	5.383	50272646	48445713	350.787	335.964
23)	L5 AR-1248-3	6.346	5.426	61195597	59978324	356.352	398.952
24)	L5 AR-1248-4	6.751	5.600	18724915	63659971	102.028	364.519 #
25)	L5 AR-1248-5	6.789	5.994	16872622	14848996	86.670	89.722
26)	L6 AR-1254-1	6.722	5.953	49694269	60411897	285.299	234.137
27)	L6 AR-1254-2	6.938	6.098	42534565	42870968	157.855	194.298
28)	L6 AR-1254-3	7.311	6.520	21512446	96885111	67.362	276.845 #
29)	L6 AR-1254-4	7.595	6.733	12155152	5323952	58.035	25.778 #
30)	L6 AR-1254-5	8.015	7.151	156.7E6	140.8E6	627.368	499.024
31)	L7 AR-1260-1	7.470	6.636	103.4E6	117.5E6	489.457	510.740
32)	L7 AR-1260-2	7.727	6.820	124.2E6	137.2E6	486.382	502.411
33)	L7 AR-1260-3	8.087	6.979	106.6E6	126.0E6	489.266	508.806
34)	L7 AR-1260-4	8.326	7.451	117.7E6	99965616	485.744	495.833
35)	L7 AR-1260-5	8.665	7.688	268.8E6	230.2E6	469.675	487.757
36)	L8 AR-1262-1	8.087	7.151	106.6E6	140.8E6	351.887	953.727 #
37)	L8 AR-1262-2	8.665	7.688	268.8E6	230.2E6	425.633	433.491
38)	L8 AR-1262-3	8.993	7.973	69090611	48637242	188.152	242.412 #
39)	L8 AR-1262-4	9.074f	8.038	126.6E6	159.5E6	501.358	420.897
40)	L8 AR-1262-5	9.794	8.562	88561261	52371987	309.328	306.905
41)	L9 AR-1268-1	8.993	7.973	69090611	48637242	78.953	79.395

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 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 05 Aug 2022 19:17
 Operator : YP\AJ
 Sample : AR1660CCC500
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

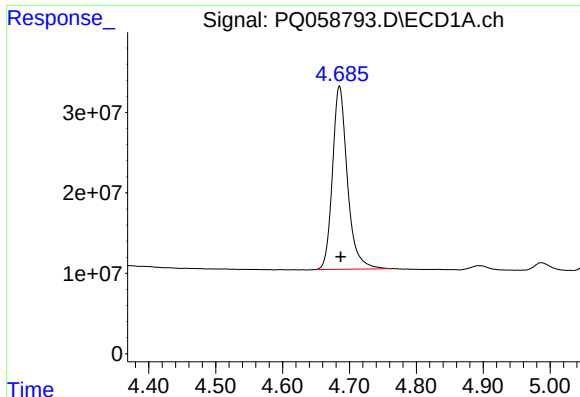
Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 06 07:37:04 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ080422.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
42) L9	AR-1268-2	9.074f	8.038	126.6E6	159.5E6	140.923	285.014 #
43) L9	AR-1268-3	9.331	8.254	4461329	1909333	5.512	4.008 #
44) L9	AR-1268-4	9.794	8.562	88561261	52371987	278.139	279.046
45) L9	AR-1268-5	10.232	8.882	25484569	13902460	9.924	9.038

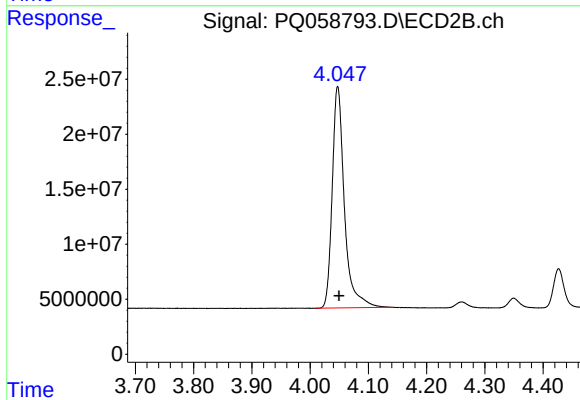
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

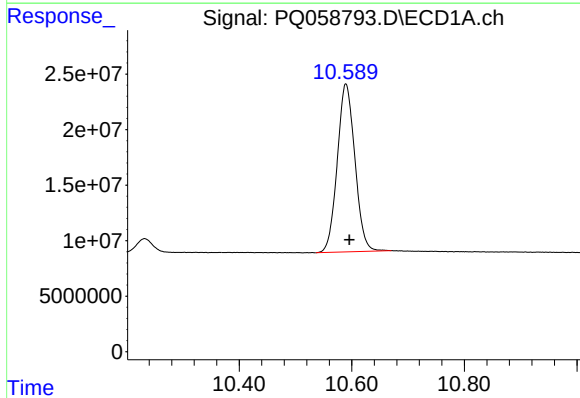
R.T.: 4.685 min
Delta R.T.: -0.002 min
Response: 352359269
Conc: 52.16 ng/ml

Instrument :
ECD_Q
ClientSampleId :



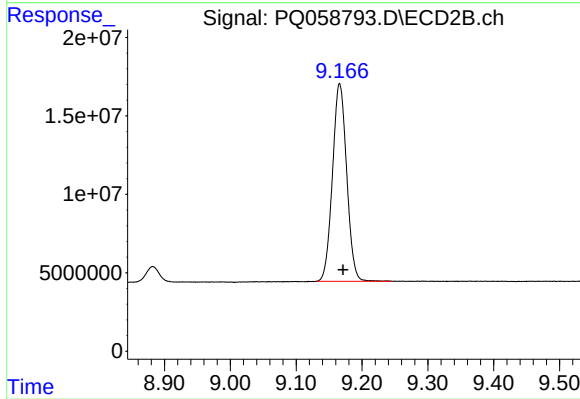
#1 Tetrachloro-m-xylene

R.T.: 4.047 min
Delta R.T.: -0.002 min
Response: 293163220
Conc: 53.46 ng/ml



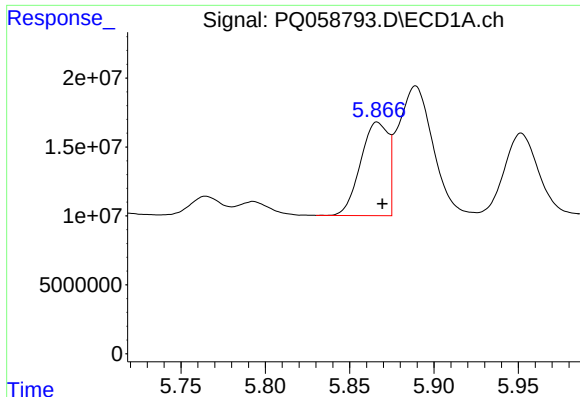
#2 Decachlorobiphenyl

R.T.: 10.589 min
Delta R.T.: -0.007 min
Response: 329115408
Conc: 46.85 ng/ml



#2 Decachlorobiphenyl

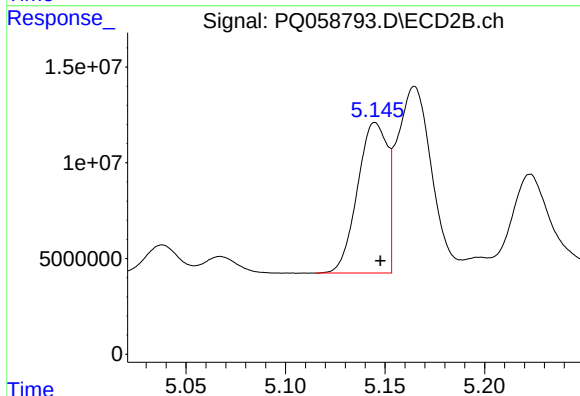
R.T.: 9.166 min
Delta R.T.: -0.005 min
Response: 189203886
Conc: 47.97 ng/ml



#3 AR-1016-1

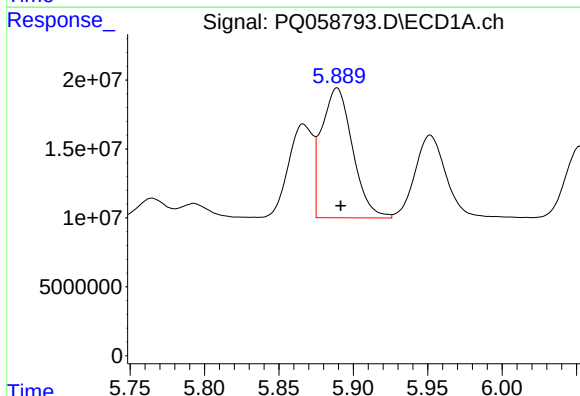
R.T.: 5.866 min
Delta R.T.: -0.003 min
Response: 77506549
Conc: 491.20 ng/ml

Instrument :
ECD_Q
ClientSampleId :



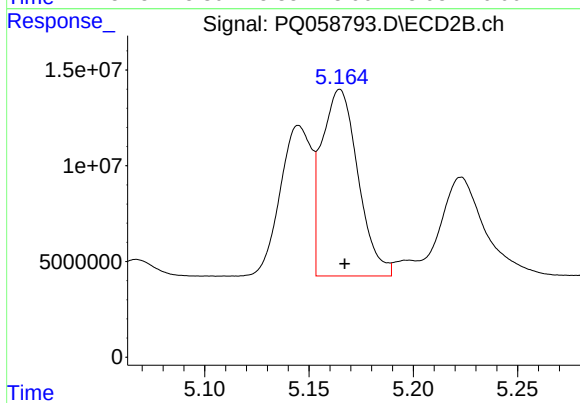
#3 AR-1016-1

R.T.: 5.145 min
Delta R.T.: -0.003 min
Response: 82098469
Conc: 516.14 ng/ml



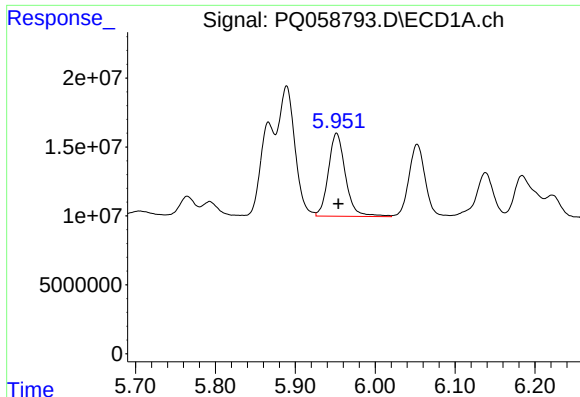
#4 AR-1016-2

R.T.: 5.889 min
Delta R.T.: -0.003 min
Response: 136123347
Conc: 498.39 ng/ml



#4 AR-1016-2

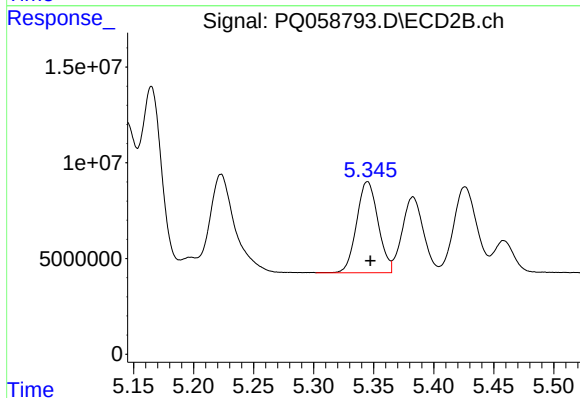
R.T.: 5.165 min
Delta R.T.: -0.002 min
Response: 118084233
Conc: 512.76 ng/ml



#5 AR-1016-3

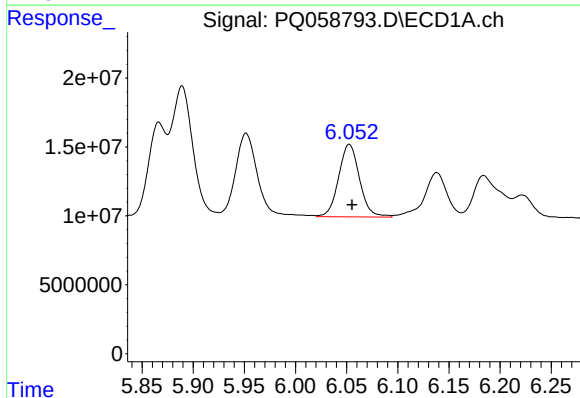
R.T.: 5.952 min
Delta R.T.: -0.002 min
Response: 89256020
Conc: 497.23 ng/ml

Instrument :
ECD_Q
ClientSampleId :



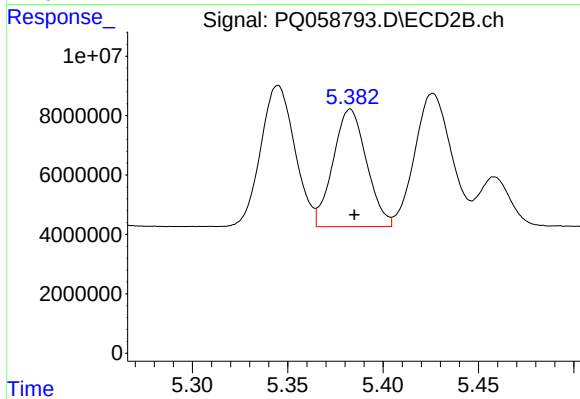
#5 AR-1016-3

R.T.: 5.345 min
Delta R.T.: -0.002 min
Response: 59186687
Conc: 515.57 ng/ml



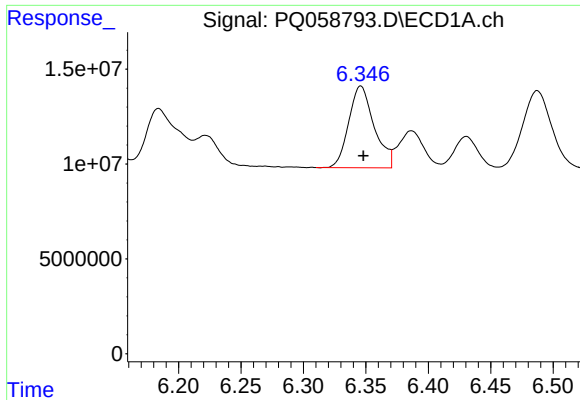
#6 AR-1016-4

R.T.: 6.053 min
Delta R.T.: -0.003 min
Response: 74744609
Conc: 500.32 ng/ml



#6 AR-1016-4

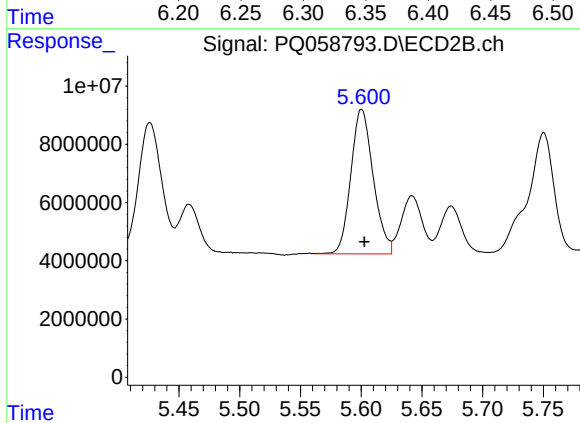
R.T.: 5.383 min
Delta R.T.: -0.002 min
Response: 48445713
Conc: 518.35 ng/ml



#7 AR-1016-5

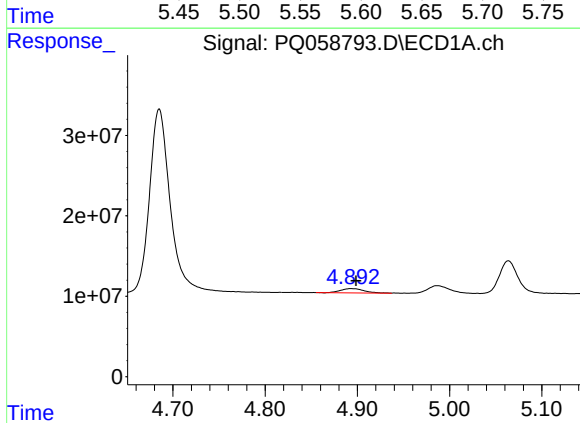
R.T.: 6.346 min
Delta R.T.: -0.002 min
Response: 61195597
Conc: 502.81 ng/ml

Instrument :
ECD_Q
ClientSampleId :



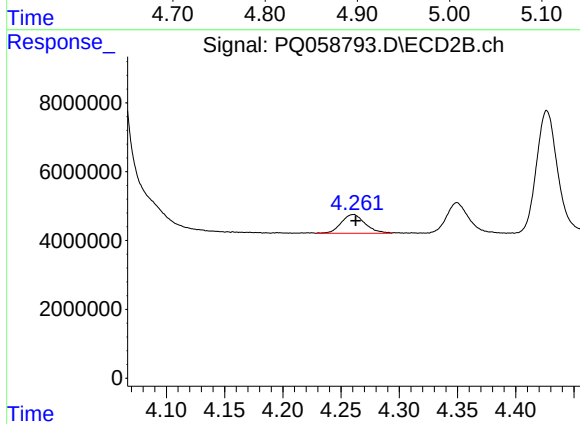
#7 AR-1016-5

R.T.: 5.600 min
Delta R.T.: -0.002 min
Response: 63659971
Conc: 511.97 ng/ml



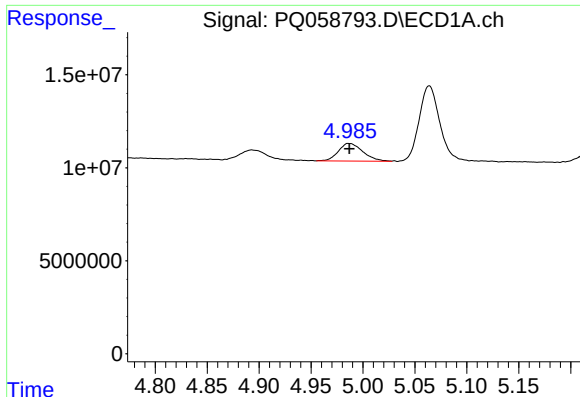
#8 AR-1221-1

R.T.: 4.893 min
Delta R.T.: -0.006 min
Response: 9464673
Conc: 135.42 ng/ml



#8 AR-1221-1

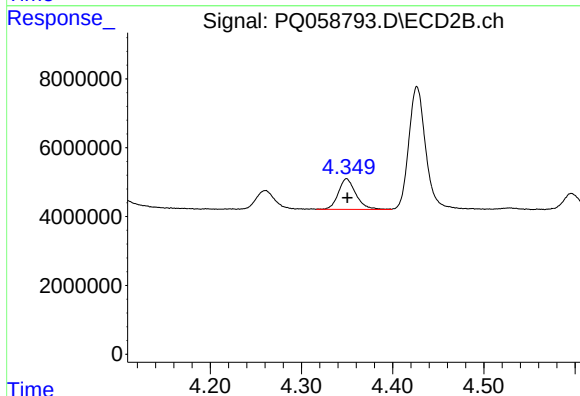
R.T.: 4.261 min
Delta R.T.: -0.002 min
Response: 7800952
Conc: 134.17 ng/ml



#9 AR-1221-2

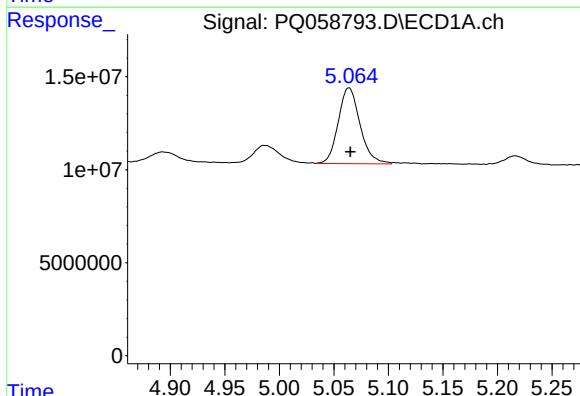
R.T.: 4.986 min
Delta R.T.: -0.001 min
Response: 15744813
Conc: 283.76 ng/ml

Instrument :
ECD_Q
ClientSampleId :



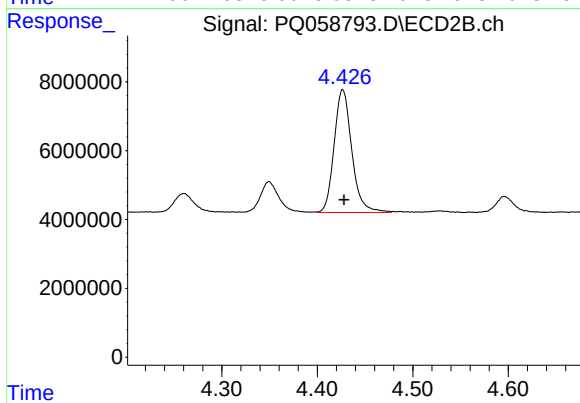
#9 AR-1221-2

R.T.: 4.350 min
Delta R.T.: 0.000 min
Response: 11926234
Conc: 276.44 ng/ml



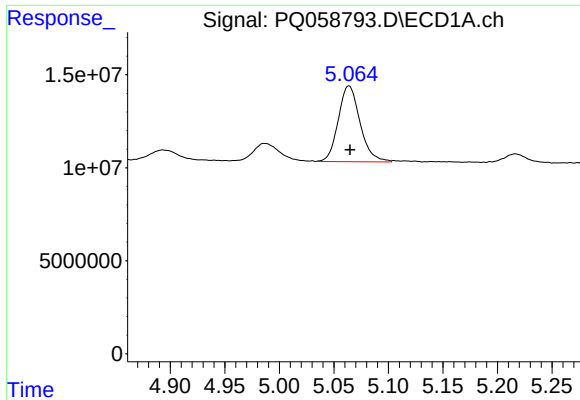
#10 AR-1221-3

R.T.: 5.064 min
Delta R.T.: -0.001 min
Response: 56544295
Conc: 324.19 ng/ml



#10 AR-1221-3

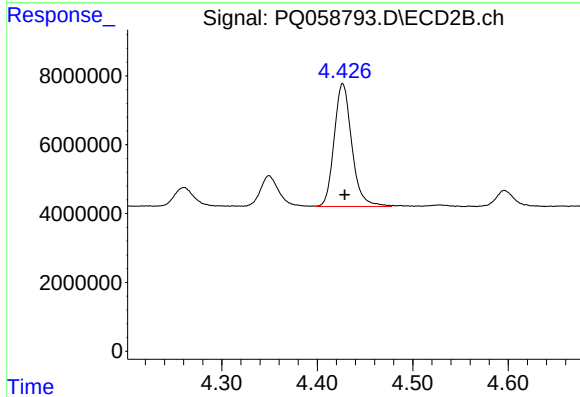
R.T.: 4.427 min
Delta R.T.: -0.002 min
Response: 45768597
Conc: 326.56 ng/ml



#11 AR-1232-1

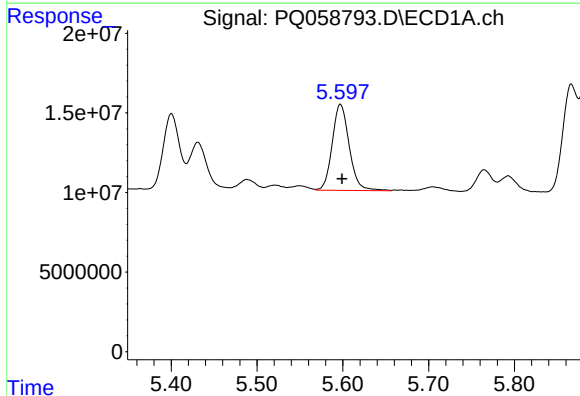
R.T.: 5.064 min
Delta R.T.: -0.001 min
Response: 56544295
Conc: 423.07 ng/ml

Instrument :
ECD_Q
ClientSampleId :



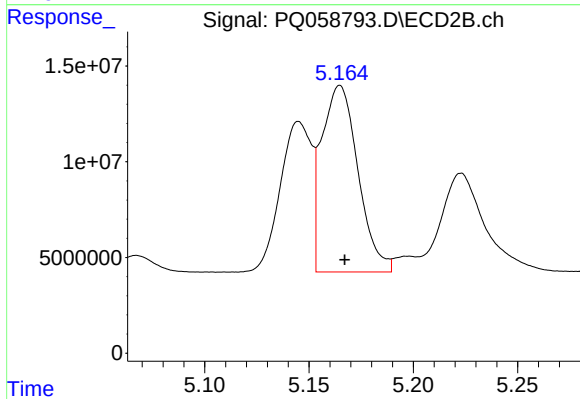
#11 AR-1232-1

R.T.: 4.427 min
Delta R.T.: -0.002 min
Response: 45768597
Conc: 419.95 ng/ml



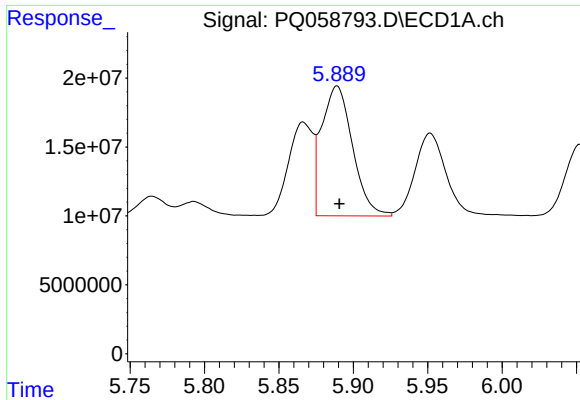
#12 AR-1232-2

R.T.: 5.597 min
Delta R.T.: -0.002 min
Response: 74569482
Conc: 1191.74 ng/ml



#12 AR-1232-2

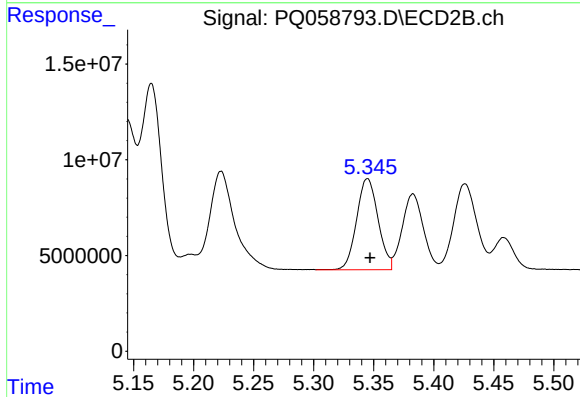
R.T.: 5.165 min
Delta R.T.: -0.002 min
Response: 118084233
Conc: 1219.38 ng/ml



#13 AR-1232-3

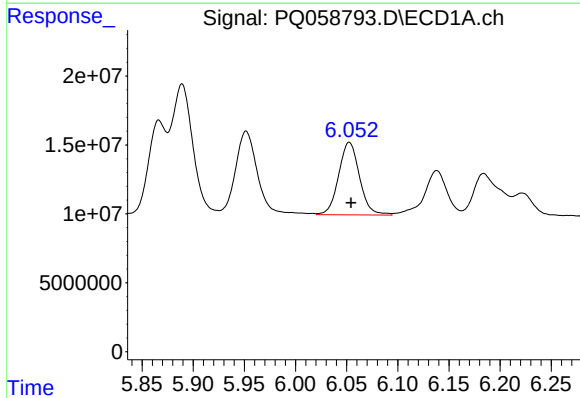
R.T.: 5.889 min
Delta R.T.: -0.002 min
Response: 136123347
Conc: 1137.34 ng/ml

Instrument :
ECD_Q
ClientSampleId :



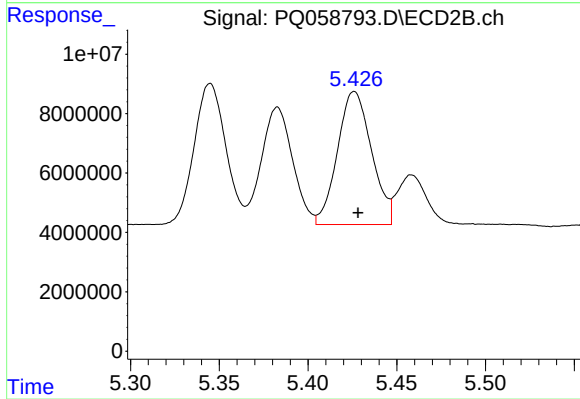
#13 AR-1232-3

R.T.: 5.345 min
Delta R.T.: -0.002 min
Response: 59186687
Conc: 1229.76 ng/ml



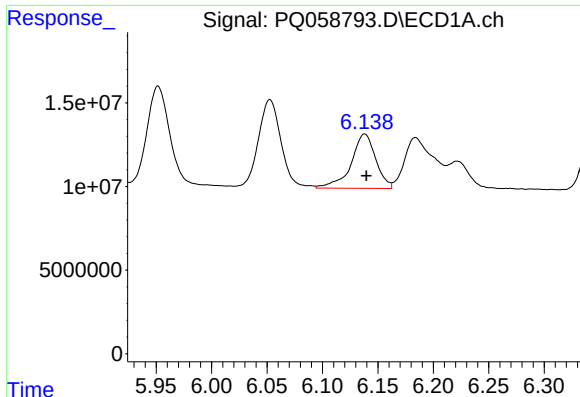
#14 AR-1232-4

R.T.: 6.053 min
Delta R.T.: -0.002 min
Response: 74744609
Conc: 1179.82 ng/ml



#14 AR-1232-4

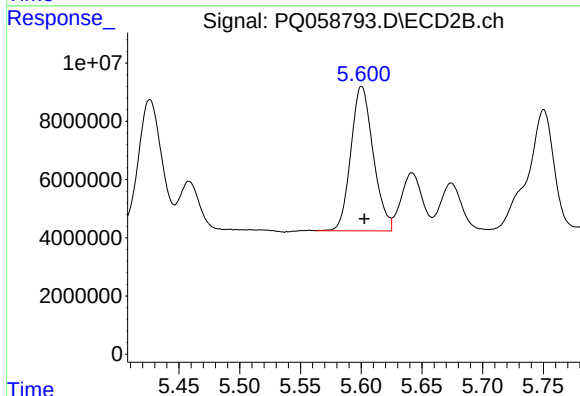
R.T.: 5.426 min
Delta R.T.: -0.002 min
Response: 59978324
Conc: 1341.55 ng/ml



#15 AR-1232-5

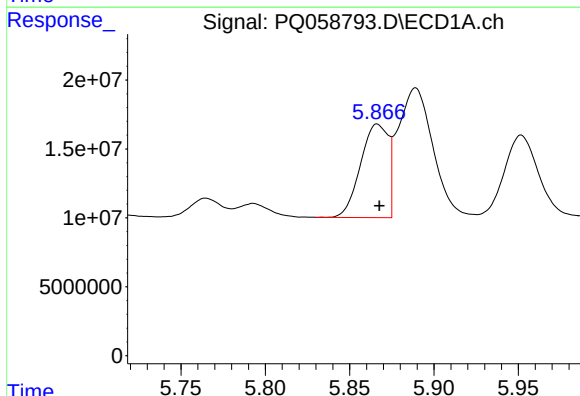
R.T.: 6.138 min
Delta R.T.: -0.001 min
Response: 50272646
Conc: 1283.88 ng/ml

Instrument :
ECD_Q
ClientSampleId :



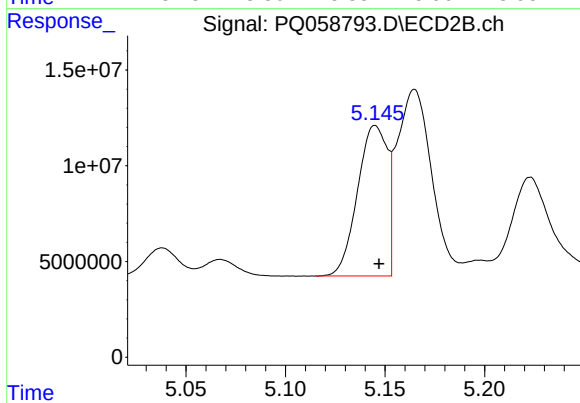
#15 AR-1232-5

R.T.: 5.600 min
Delta R.T.: -0.002 min
Response: 63659971
Conc: 1275.26 ng/ml



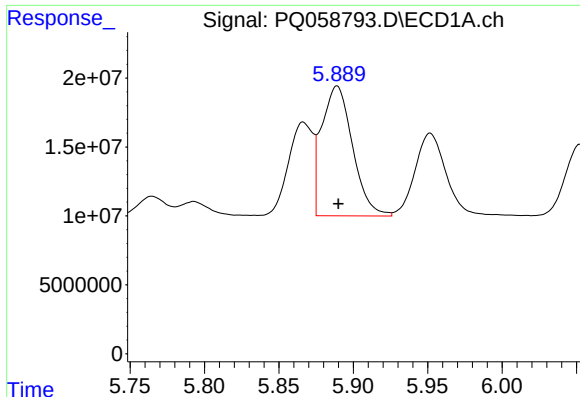
#16 AR-1242-1

R.T.: 5.866 min
Delta R.T.: -0.001 min
Response: 77506549
Conc: 586.64 ng/ml



#16 AR-1242-1

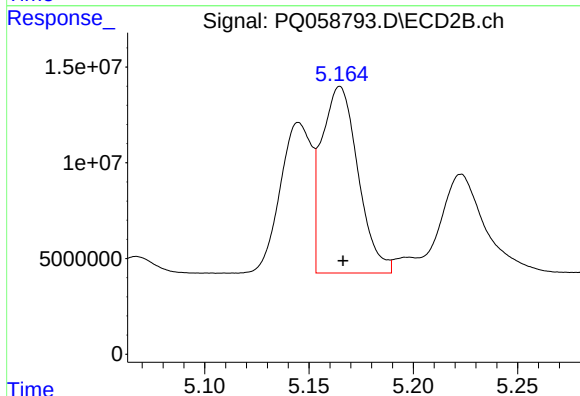
R.T.: 5.145 min
Delta R.T.: -0.002 min
Response: 82098469
Conc: 614.88 ng/ml



#17 AR-1242-2

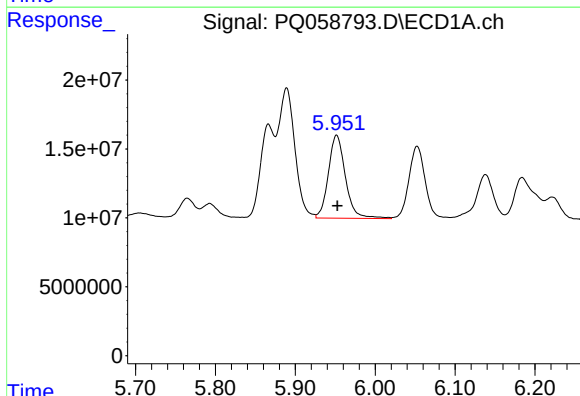
R.T.: 5.889 min
Delta R.T.: 0.000 min
Response: 136123347
Conc: 594.25 ng/ml

Instrument :
ECD_Q
ClientSampleId :



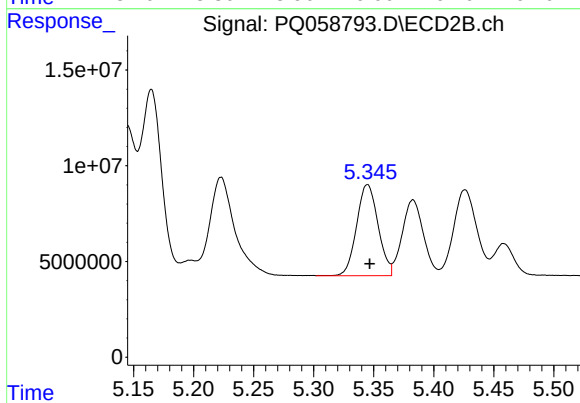
#17 AR-1242-2

R.T.: 5.165 min
Delta R.T.: -0.002 min
Response: 118084233
Conc: 612.57 ng/ml



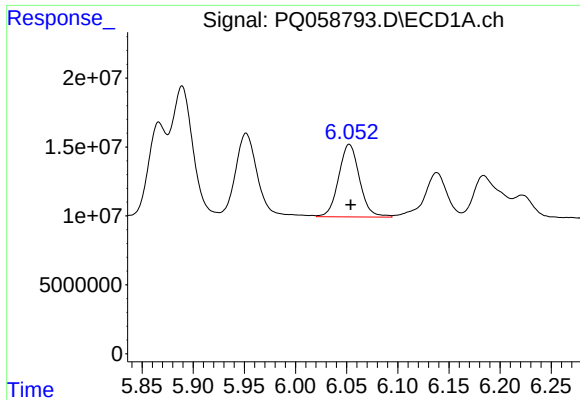
#18 AR-1242-3

R.T.: 5.952 min
Delta R.T.: -0.001 min
Response: 89256020
Conc: 586.28 ng/ml



#18 AR-1242-3

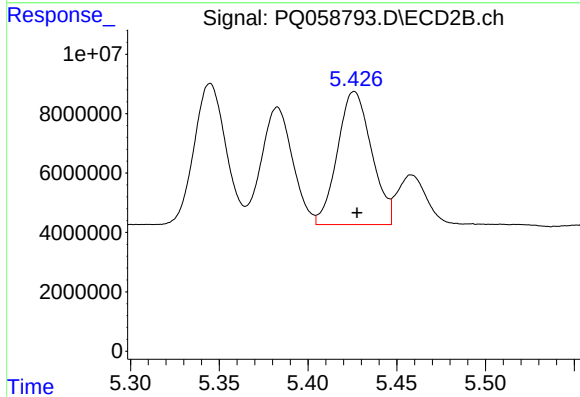
R.T.: 5.345 min
Delta R.T.: -0.002 min
Response: 59186687
Conc: 616.61 ng/ml



#19 AR-1242-4

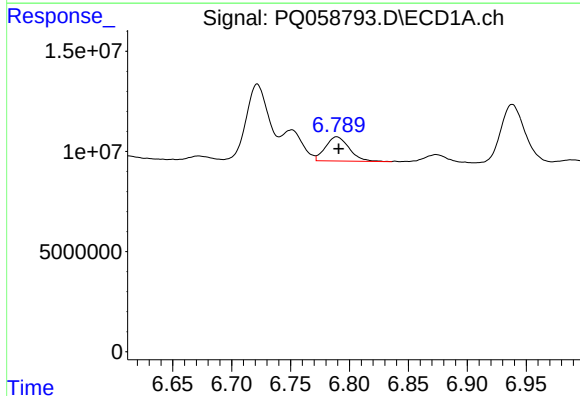
R.T.: 6.053 min
Delta R.T.: -0.002 min
Response: 74744609
Conc: 602.19 ng/ml

Instrument :
ECD_Q
ClientSampleId :



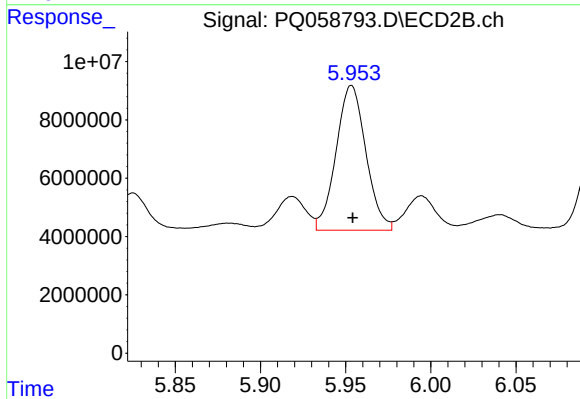
#19 AR-1242-4

R.T.: 5.426 min
Delta R.T.: -0.002 min
Response: 59978324
Conc: 606.31 ng/ml



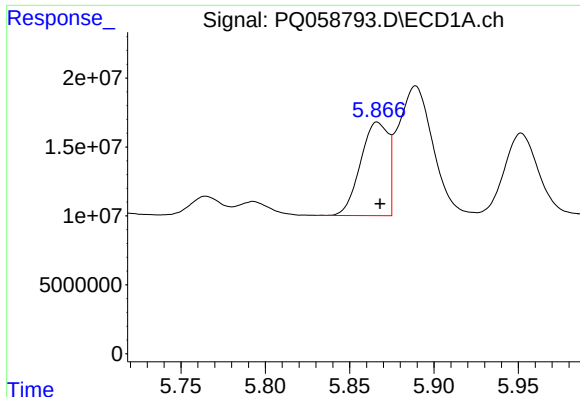
#20 AR-1242-5

R.T.: 6.789 min
Delta R.T.: -0.002 min
Response: 16872622
Conc: 151.51 ng/ml



#20 AR-1242-5

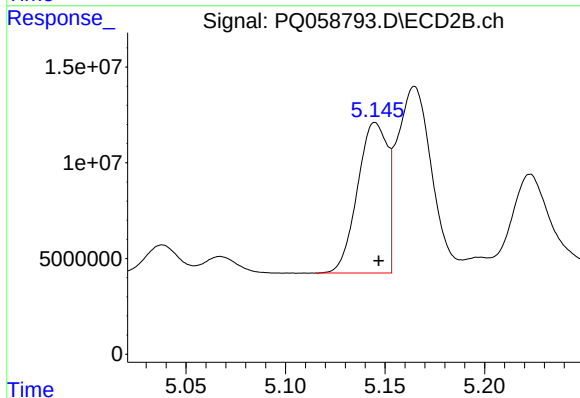
R.T.: 5.953 min
Delta R.T.: 0.000 min
Response: 60411897
Conc: 521.55 ng/ml



#21 AR-1248-1

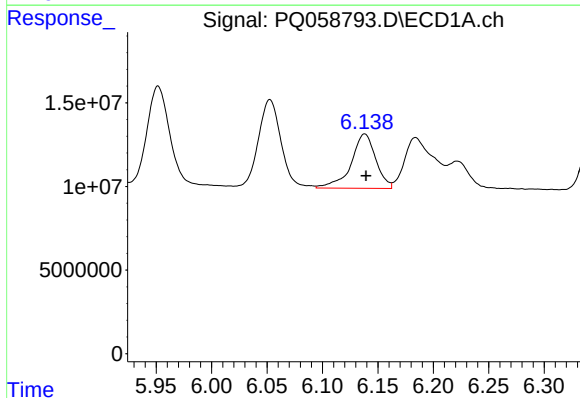
R.T.: 5.866 min
Delta R.T.: -0.002 min
Response: 77506549
Conc: 761.48 ng/ml

Instrument :
ECD_Q
ClientSampleId :



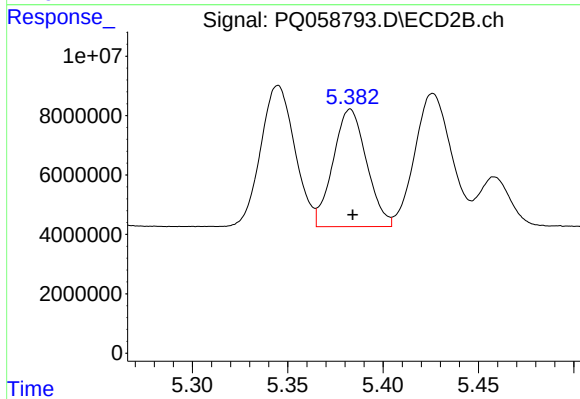
#21 AR-1248-1

R.T.: 5.145 min
Delta R.T.: -0.002 min
Response: 82098469
Conc: 811.75 ng/ml



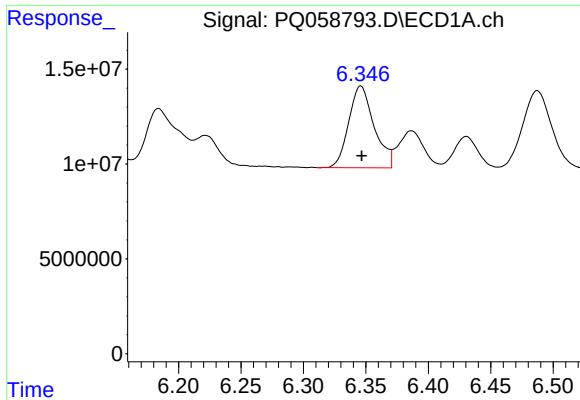
#22 AR-1248-2

R.T.: 6.138 min
Delta R.T.: -0.001 min
Response: 50272646
Conc: 350.79 ng/ml



#22 AR-1248-2

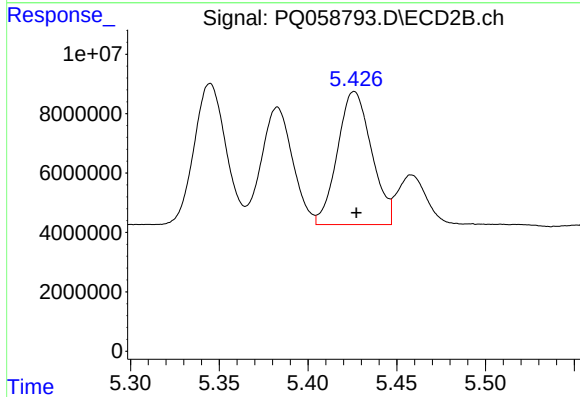
R.T.: 5.383 min
Delta R.T.: -0.001 min
Response: 48445713
Conc: 335.96 ng/ml



#23 AR-1248-3

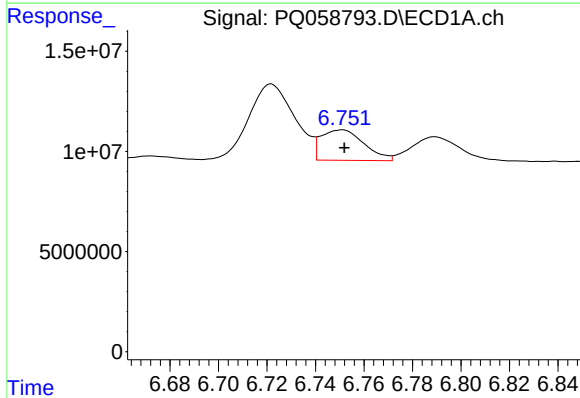
R.T.: 6.346 min
Delta R.T.: 0.000 min
Response: 61195597
Conc: 356.35 ng/ml

Instrument :
ECD_Q
ClientSampleId :



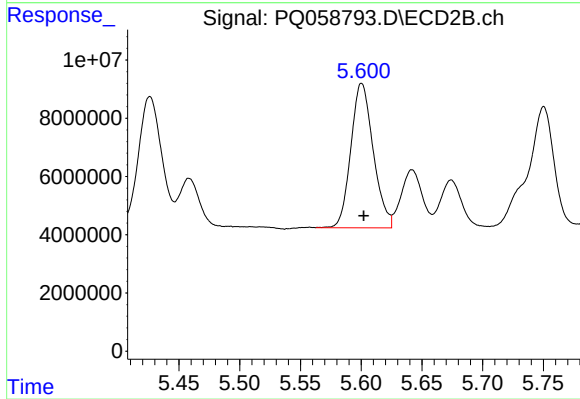
#23 AR-1248-3

R.T.: 5.426 min
Delta R.T.: -0.001 min
Response: 59978324
Conc: 398.95 ng/ml



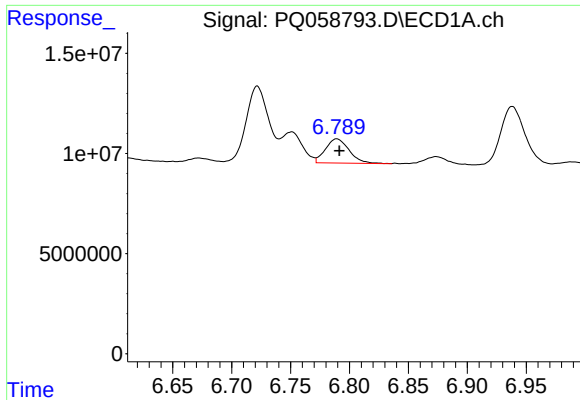
#24 AR-1248-4

R.T.: 6.751 min
Delta R.T.: 0.000 min
Response: 18724915
Conc: 102.03 ng/ml



#24 AR-1248-4

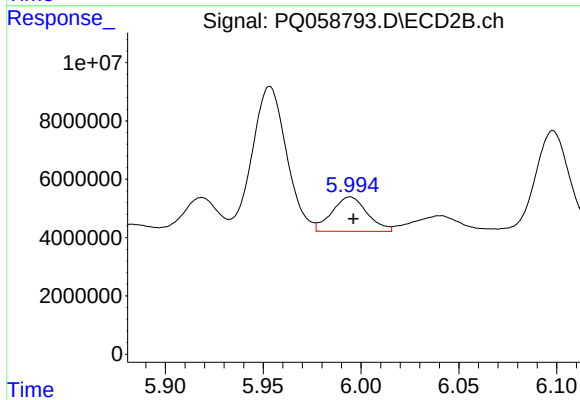
R.T.: 5.600 min
Delta R.T.: -0.002 min
Response: 63659971
Conc: 364.52 ng/ml



#25 AR-1248-5

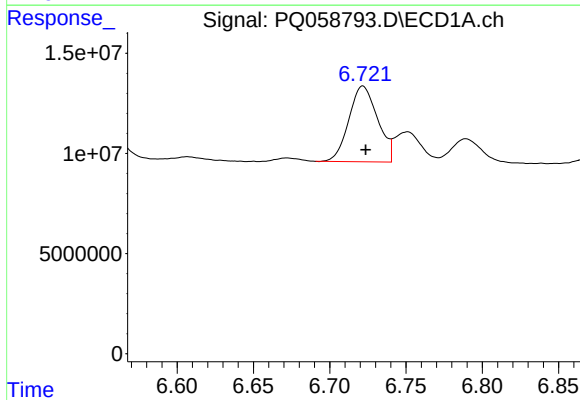
R.T.: 6.789 min
Delta R.T.: -0.002 min
Response: 16872622
Conc: 86.67 ng/ml

Instrument :
ECD_Q
ClientSampleId :



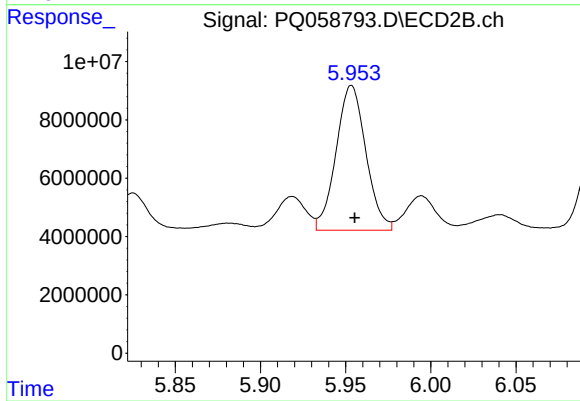
#25 AR-1248-5

R.T.: 5.994 min
Delta R.T.: -0.002 min
Response: 14848996
Conc: 89.72 ng/ml



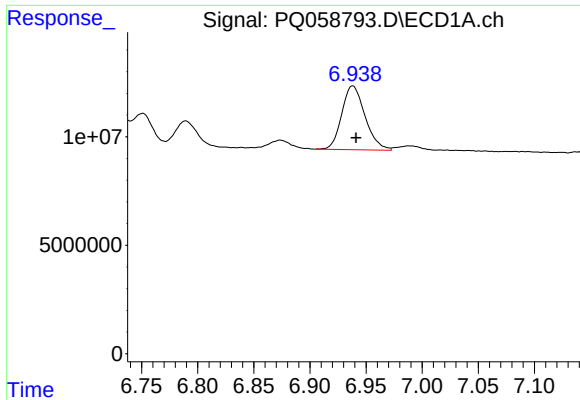
#26 AR-1254-1

R.T.: 6.722 min
Delta R.T.: -0.002 min
Response: 49694269
Conc: 285.30 ng/ml



#26 AR-1254-1

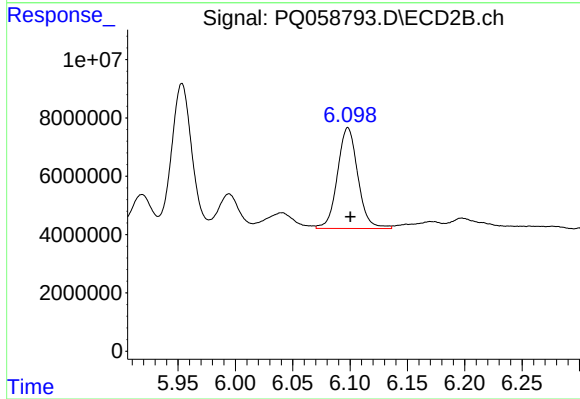
R.T.: 5.953 min
Delta R.T.: -0.002 min
Response: 60411897
Conc: 234.14 ng/ml



#27 AR-1254-2

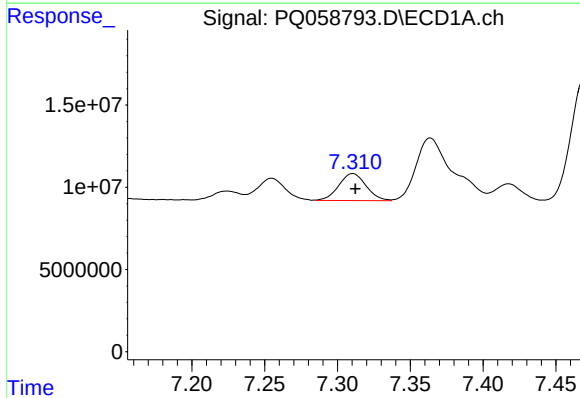
R.T.: 6.938 min
Delta R.T.: -0.003 min
Response: 42534565
Conc: 157.86 ng/ml

Instrument :
ECD_Q
ClientSampleId :



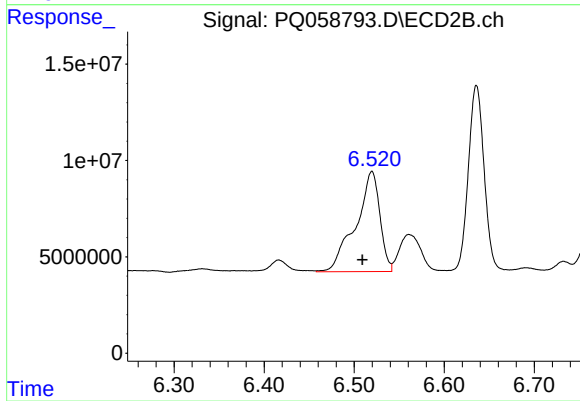
#27 AR-1254-2

R.T.: 6.098 min
Delta R.T.: -0.002 min
Response: 42870968
Conc: 194.30 ng/ml



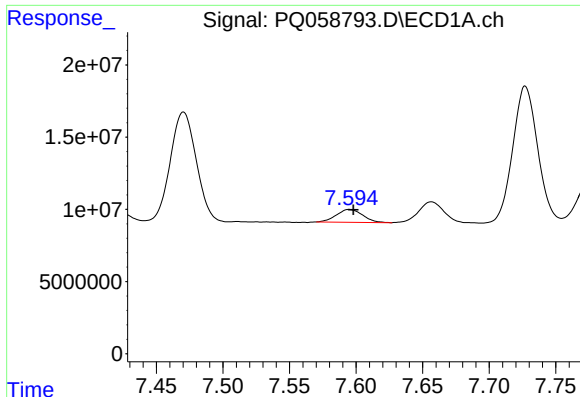
#28 AR-1254-3

R.T.: 7.311 min
Delta R.T.: -0.002 min
Response: 21512446
Conc: 67.36 ng/ml



#28 AR-1254-3

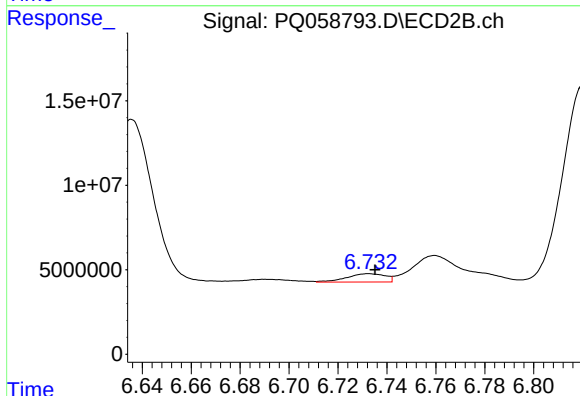
R.T.: 6.520 min
Delta R.T.: 0.011 min
Response: 96885111
Conc: 276.84 ng/ml



#29 AR-1254-4

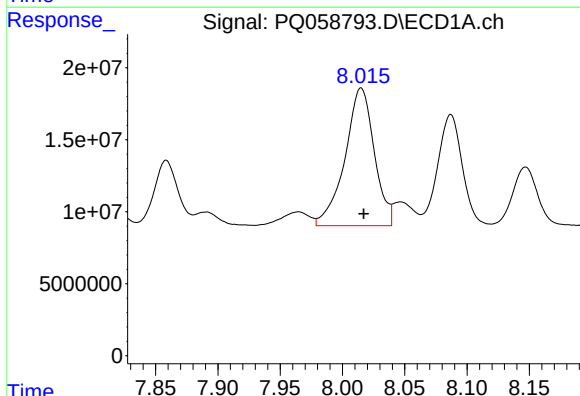
R.T.: 7.595 min
Delta R.T.: -0.003 min
Response: 12155152
Conc: 58.03 ng/ml

Instrument :
ECD_Q
ClientSampleId :



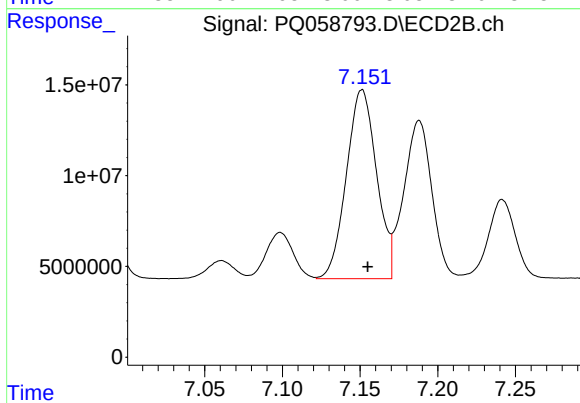
#29 AR-1254-4

R.T.: 6.733 min
Delta R.T.: -0.003 min
Response: 5323952
Conc: 25.78 ng/ml



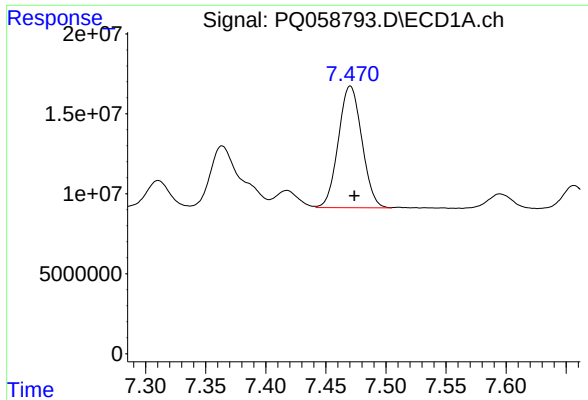
#30 AR-1254-5

R.T.: 8.015 min
Delta R.T.: -0.002 min
Response: 156690090
Conc: 627.37 ng/ml



#30 AR-1254-5

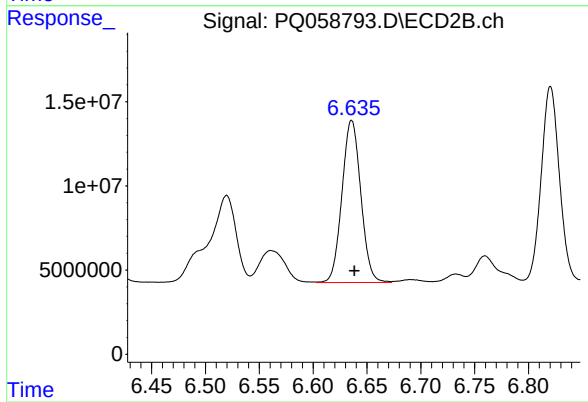
R.T.: 7.151 min
Delta R.T.: -0.004 min
Response: 140826455
Conc: 499.02 ng/ml



#31 AR-1260-1

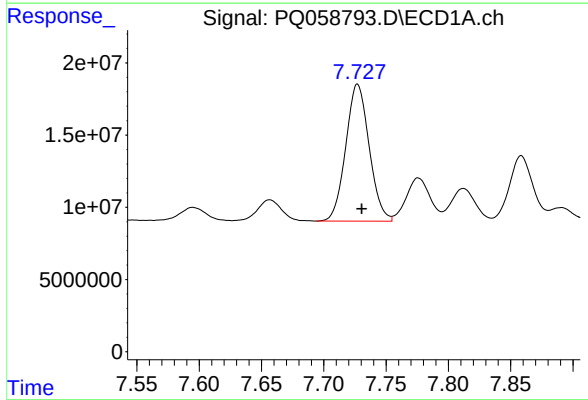
R.T.: 7.470 min
Delta R.T.: -0.003 min
Response: 103437399
Conc: 489.46 ng/ml

Instrument :
ECD_Q
ClientSampleId :



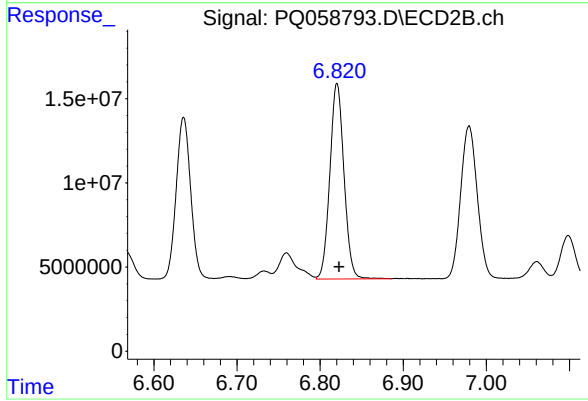
#31 AR-1260-1

R.T.: 6.636 min
Delta R.T.: -0.003 min
Response: 117522092
Conc: 510.74 ng/ml



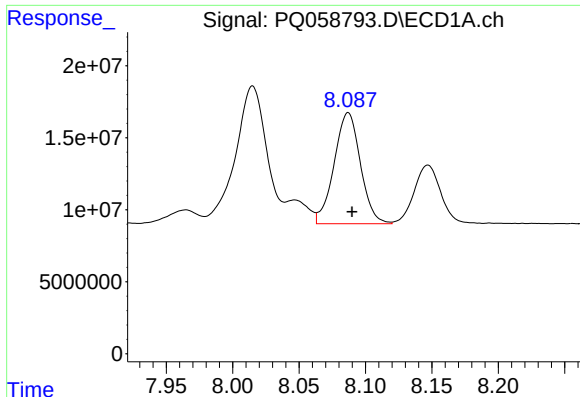
#32 AR-1260-2

R.T.: 7.727 min
Delta R.T.: -0.003 min
Response: 124215487
Conc: 486.38 ng/ml



#32 AR-1260-2

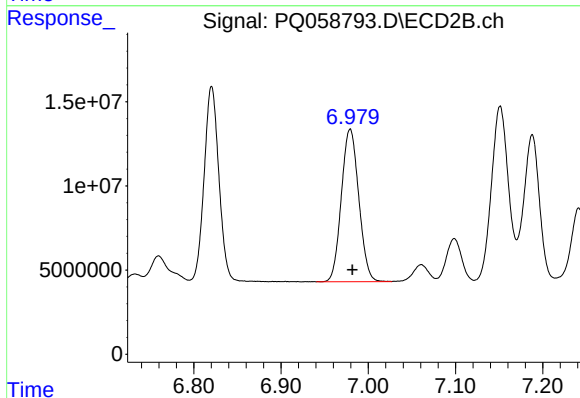
R.T.: 6.820 min
Delta R.T.: -0.003 min
Response: 137179851
Conc: 502.41 ng/ml



#33 AR-1260-3

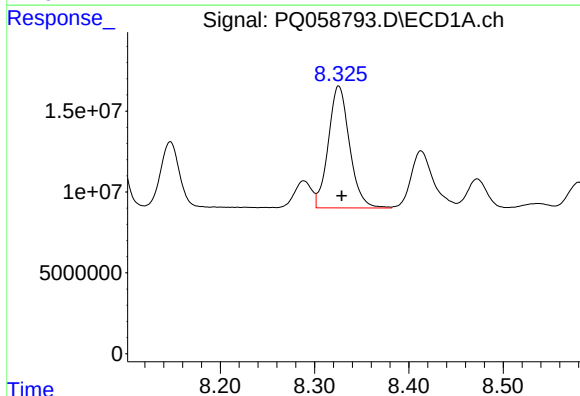
R.T.: 8.087 min
Delta R.T.: -0.003 min
Response: 106609644
Conc: 489.27 ng/ml

Instrument :
ECD_Q
ClientSampleId :



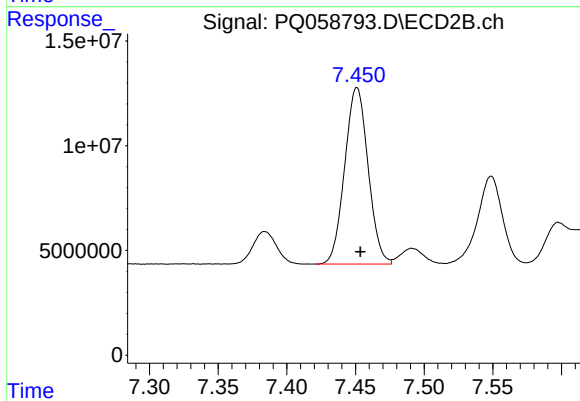
#33 AR-1260-3

R.T.: 6.979 min
Delta R.T.: -0.002 min
Response: 125970499
Conc: 508.81 ng/ml



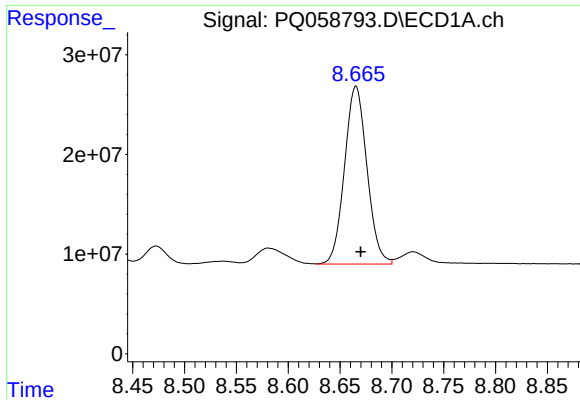
#34 AR-1260-4

R.T.: 8.326 min
Delta R.T.: -0.003 min
Response: 117741786
Conc: 485.74 ng/ml



#34 AR-1260-4

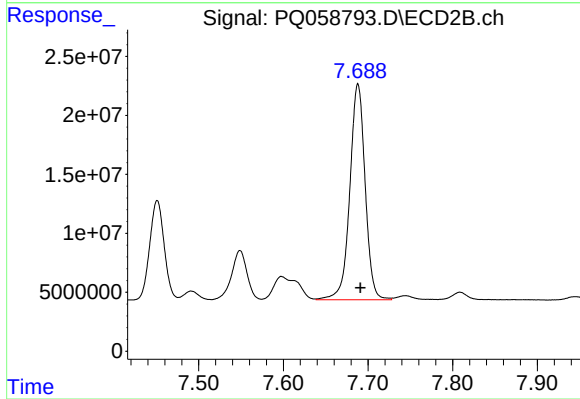
R.T.: 7.451 min
Delta R.T.: -0.002 min
Response: 99965616
Conc: 495.83 ng/ml



#35 AR-1260-5

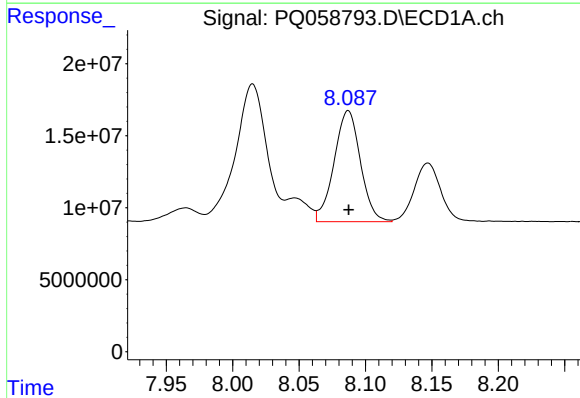
R.T.: 8.665 min
Delta R.T.: -0.005 min
Response: 268826522
Conc: 469.67 ng/ml

Instrument :
ECD_Q
ClientSampleId :



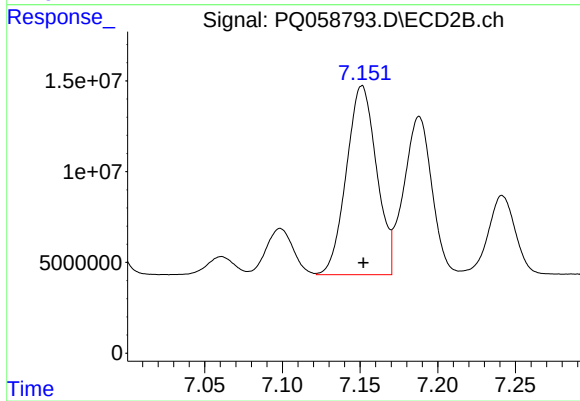
#35 AR-1260-5

R.T.: 7.688 min
Delta R.T.: -0.003 min
Response: 230161382
Conc: 487.76 ng/ml



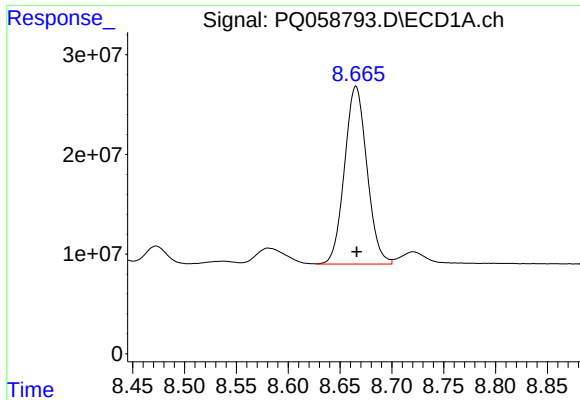
#36 AR-1262-1

R.T.: 8.087 min
Delta R.T.: 0.000 min
Response: 106609644
Conc: 351.89 ng/ml



#36 AR-1262-1

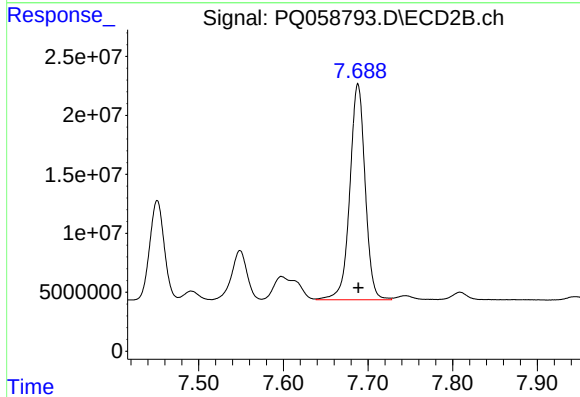
R.T.: 7.151 min
Delta R.T.: 0.000 min
Response: 140826455
Conc: 953.73 ng/ml



#37 AR-1262-2

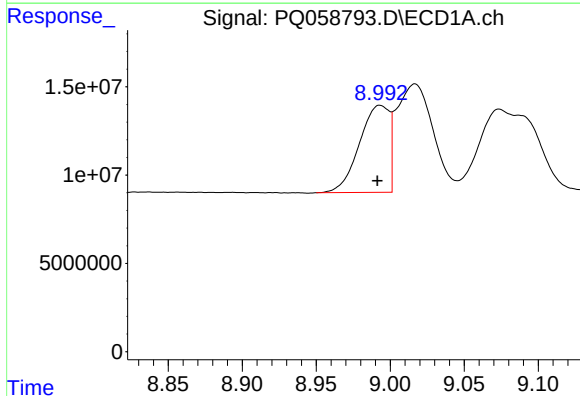
R.T.: 8.665 min
Delta R.T.: 0.000 min
Response: 268826522
Conc: 425.63 ng/ml

Instrument :
ECD_Q
ClientSampleId :



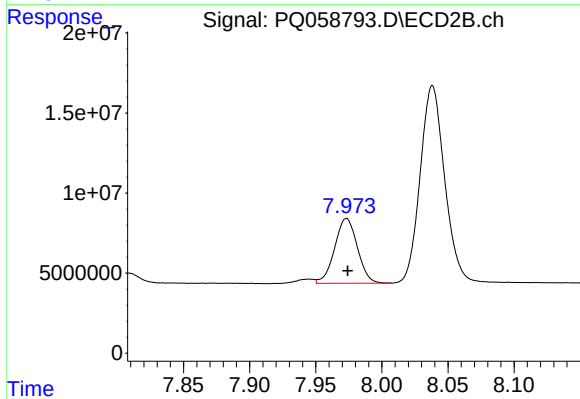
#37 AR-1262-2

R.T.: 7.688 min
Delta R.T.: 0.000 min
Response: 230161382
Conc: 433.49 ng/ml



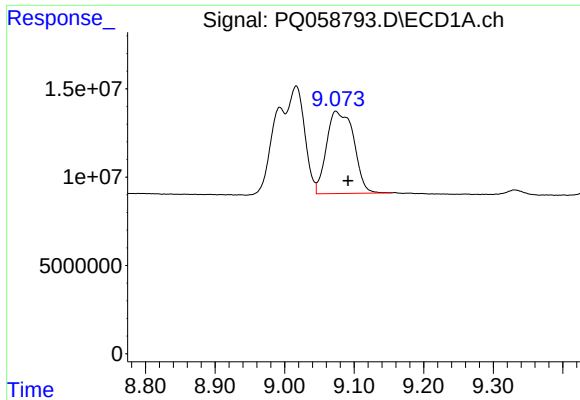
#38 AR-1262-3

R.T.: 8.993 min
Delta R.T.: 0.002 min
Response: 69090611
Conc: 188.15 ng/ml



#38 AR-1262-3

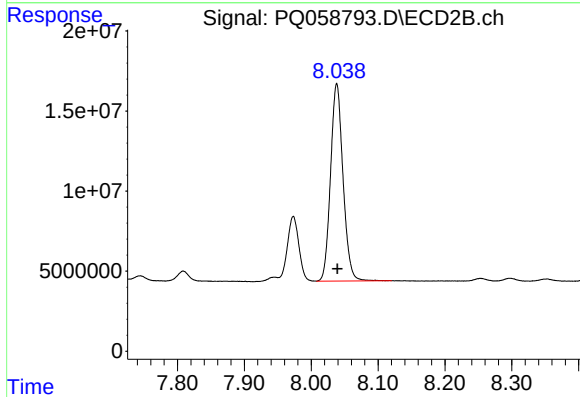
R.T.: 7.973 min
Delta R.T.: 0.000 min
Response: 48637242
Conc: 242.41 ng/ml



#39 AR-1262-4

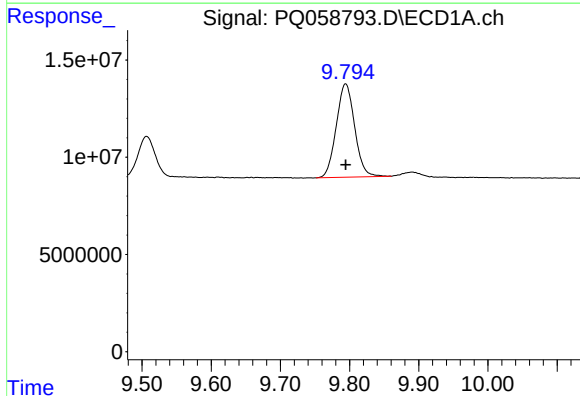
R.T.: 9.074 min
Delta R.T.: -0.018 min
Response: 126551118
Conc: 501.36 ng/ml

Instrument :
ECD_Q
ClientSampleId :



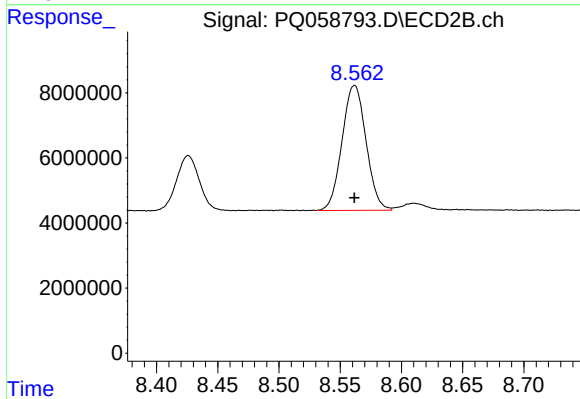
#39 AR-1262-4

R.T.: 8.038 min
Delta R.T.: 0.000 min
Response: 159517755
Conc: 420.90 ng/ml



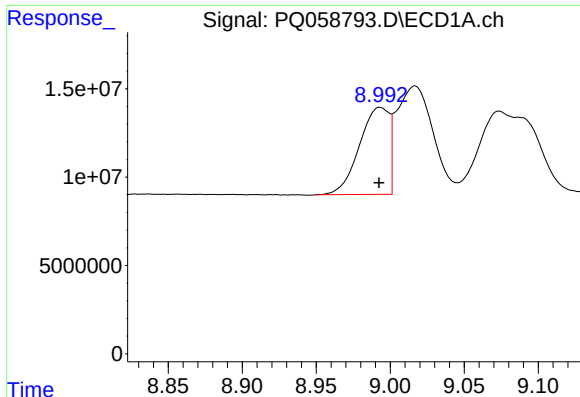
#40 AR-1262-5

R.T.: 9.794 min
Delta R.T.: 0.000 min
Response: 88561261
Conc: 309.33 ng/ml



#40 AR-1262-5

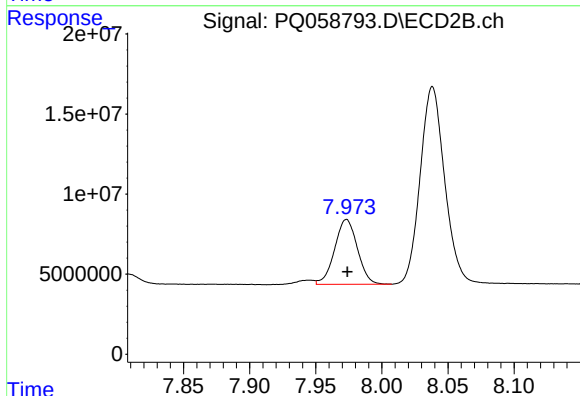
R.T.: 8.562 min
Delta R.T.: 0.000 min
Response: 52371987
Conc: 306.90 ng/ml



#41 AR-1268-1

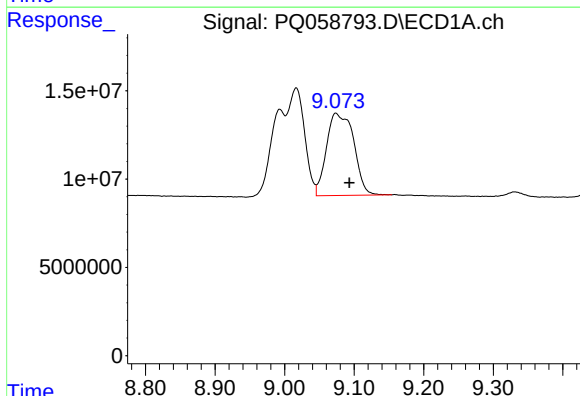
R.T.: 8.993 min
Delta R.T.: 0.000 min
Response: 69090611
Conc: 78.95 ng/ml

Instrument :
ECD_Q
ClientSampleId :



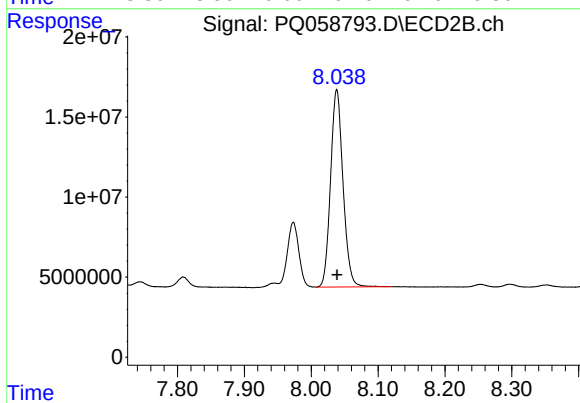
#41 AR-1268-1

R.T.: 7.973 min
Delta R.T.: 0.000 min
Response: 48637242
Conc: 79.39 ng/ml



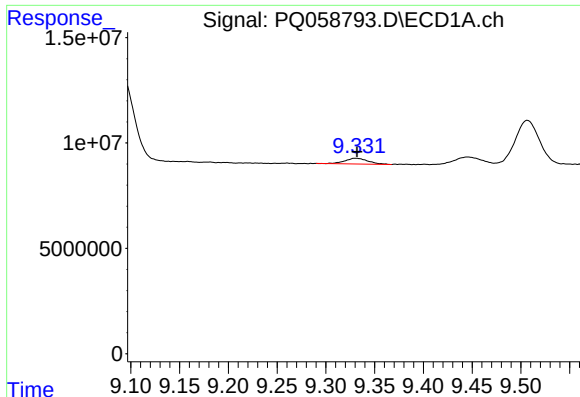
#42 AR-1268-2

R.T.: 9.074 min
Delta R.T.: -0.020 min
Response: 126551118
Conc: 140.92 ng/ml



#42 AR-1268-2

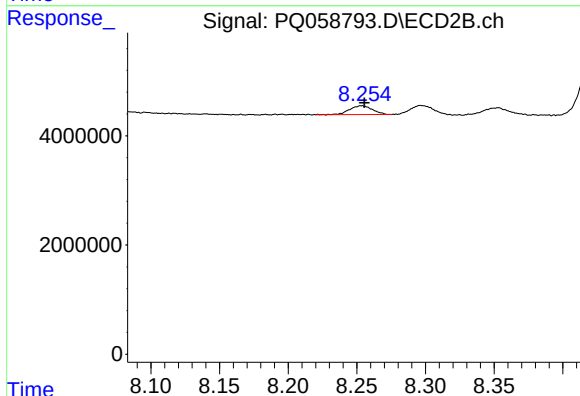
R.T.: 8.038 min
Delta R.T.: 0.000 min
Response: 159517755
Conc: 285.01 ng/ml



#43 AR-1268-3

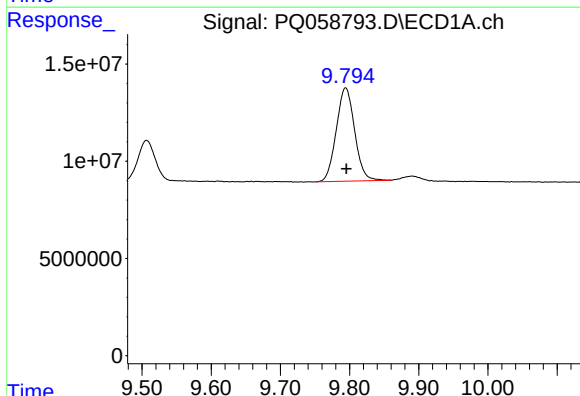
R.T.: 9.331 min
Delta R.T.: -0.001 min
Response: 4461329
Conc: 5.51 ng/ml

Instrument :
ECD_Q
ClientSampleId :



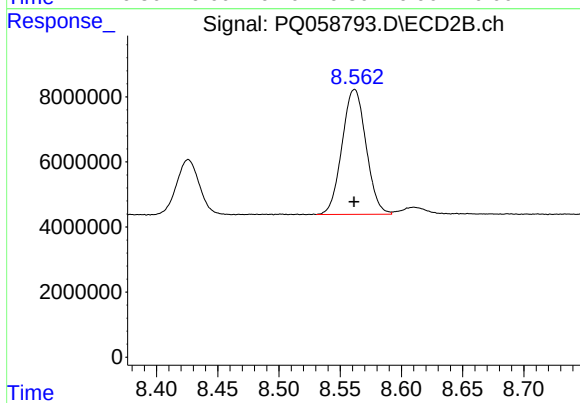
#43 AR-1268-3

R.T.: 8.254 min
Delta R.T.: -0.002 min
Response: 1909333
Conc: 4.01 ng/ml



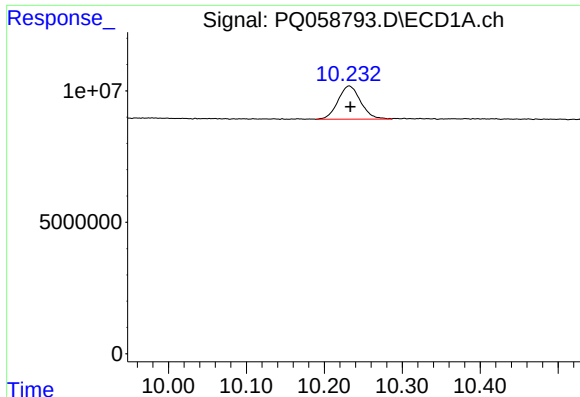
#44 AR-1268-4

R.T.: 9.794 min
Delta R.T.: 0.000 min
Response: 88561261
Conc: 278.14 ng/ml



#44 AR-1268-4

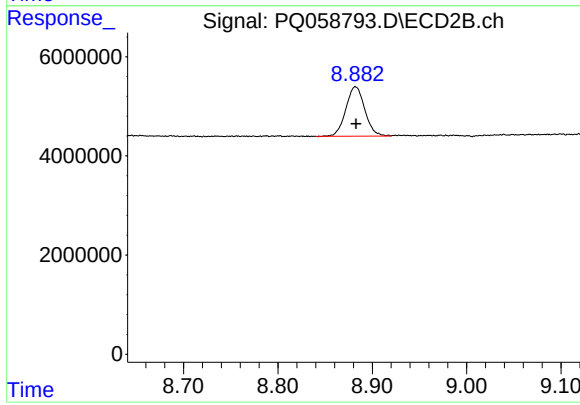
R.T.: 8.562 min
Delta R.T.: 0.000 min
Response: 52371987
Conc: 279.05 ng/ml



#45 AR-1268-5

R.T.: 10.232 min
Delta R.T.: -0.002 min
Response: 25484569
Conc: 9.92 ng/ml

Instrument :
ECD_Q
ClientSampleId :



#45 AR-1268-5

R.T.: 8.882 min
Delta R.T.: 0.000 min
Response: 13902460
Conc: 9.04 ng/ml