

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ052821\
 Data File : PQ053732.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 28 May 2021 17:36
 Operator : DD\AJ
 Sample : AR1242CCC400
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 31 02:55:40 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ052021CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Thu May 20 06:23:48 2021
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 µl
 Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2
 Signal #1 Info : 30Mx0.32mmx 0.5µm 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...	5.216	4.232	459.1E6	239.0E6	20.248	22.193
2)	SA Decachlor...	11.402	9.568	898.4E6	581.8E6	39.913	52.689 #
Target Compounds							
3)	L1 AR-1016-1	6.541	5.491	296.3E6	165.8E6	359.024	390.049
4)	L1 AR-1016-2	6.566	5.511	470.4E6	252.0E6	369.189	401.114
5)	L1 AR-1016-3	6.633	5.703	296.2E6	133.7E6	385.180	416.195
6)	L1 AR-1016-4	6.741	5.753	237.3E6	100.6E6	372.923	402.179
7)	L1 AR-1016-5	7.053	5.983	217.9E6	132.5E6	367.563	405.835
8)	L2 AR-1221-1	5.463	4.489	27212042	14806352	112.179	115.009
9)	L2 AR-1221-2	5.567	4.590	34538040	19915376	209.342	222.912
10)	L2 AR-1221-3	5.655	4.678	151.3E6	84879290	257.981	272.412
11)	L3 AR-1232-1	5.655	4.678	151.3E6	84879290	317.445	334.457
12)	L3 AR-1232-2	6.246	5.511	225.8E6	252.0E6	884.889	880.521
13)	L3 AR-1232-3	6.566	5.703	470.4E6	133.7E6	833.841	934.161
14)	L3 AR-1232-4	6.741	5.798	237.3E6	125.4E6	834.281	1051.998 #
15)	L3 AR-1232-5	6.834	5.983	187.4E6	132.5E6	935.679	1011.360
16)	L4 AR-1242-1	6.541	5.491	296.3E6	165.8E6	384.456	413.551
17)	L4 AR-1242-2	6.566	5.511	470.4E6	252.0E6	389.811	420.652
18)	L4 AR-1242-3	6.633	5.703	296.2E6	133.7E6	398.210	434.684
19)	L4 AR-1242-4	6.741	5.798	237.3E6	125.4E6	390.702	431.476
20)	L4 AR-1242-5	7.523	6.362	246.0E6	174.3E6	362.073	419.065
21)	L5 AR-1248-1	6.541	5.491	296.3E6	165.8E6	575.985	630.541
22)	L5 AR-1248-2	6.834	5.753	187.4E6	100.6E6	245.938	269.425
23)	L5 AR-1248-3	7.053	5.798	217.9E6	125.4E6	252.516	324.302 #
24)	L5 AR-1248-4	7.483	5.983	233.4E6	132.5E6	222.187	280.885 #
25)	L5 AR-1248-5	7.523	6.406	246.0E6	147.1E6	236.946	285.827
26)	L6 AR-1254-1	7.452	6.362	167.3E6	174.3E6	117.683	154.142 #
27)	L6 AR-1254-2	7.690	6.521	192.3E6	44674685	85.483	43.915 #
28)	L6 AR-1254-3	8.064	6.942	83940219	59349547	35.419	35.464
29)	L6 AR-1254-4	8.360	7.181	64873406	48783059	35.227	42.661
30)	L6 AR-1254-5	8.787	7.610	12840934	15724368	7.106	9.706 #
31)	L7 AR-1260-1	8.197	7.091	47263423	32926285	48.891	49.309
32)	L7 AR-1260-2	8.489	7.274	17977350	10618968	14.211	11.328
33)	L7 AR-1260-3	0.000	7.429	0	6743875	N.D.	8.596 #
34)	L7 AR-1260-4	9.095	7.948	7298160	6698449	7.586	10.361 #
35)	L7 AR-1260-5	0.000	8.158	0	1855004	N.D.	1.045 #
36)	L8 AR-1262-1	0.000	7.610	0	15724368	N.D.	23.454 #
37)	L8 AR-1262-2	0.000	8.158	0	1855004	N.D.	0.652 #
38)	L8 AR-1262-3	0.000	8.475	0	2364360	N.D.	2.073 #
39)	L8 AR-1262-4	0.000	8.507	0	1473782	N.D.	0.760 #
40)	L8 AR-1262-5	0.000	9.013	0	6771197	N.D.	7.998 #
41)	L9 AR-1268-1	0.000	8.475	0	2364360	N.D.	0.638 #

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 Acq On : 28 May 2021 17:36
 Operator : DD\AJ
 Sample : AR1242CCC400
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

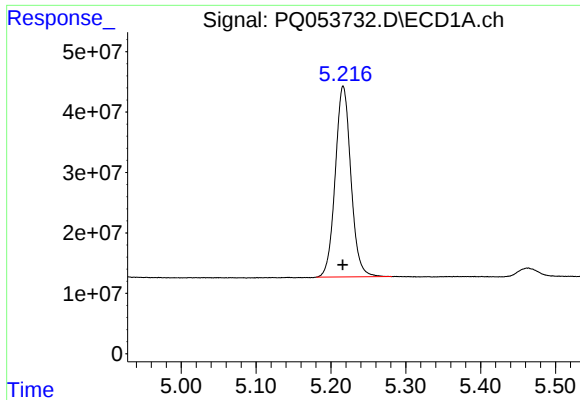
Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 31 02:55:40 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ052021CLP.M
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Volume Inj. : 1 µl
 Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2
 Signal #1 Info : 30Mx0.32mmx 0.5µm 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	0.000	8.507	0	1473782	N.D.	0.473 #
43) L9	AR-1268-3	0.000	8.717	0	3528729	N.D.	1.293 #
44) L9	AR-1268-4	0.000	9.013	0	6771197	N.D.	6.431 #
45) L9	AR-1268-5	11.037	9.309	6886416	16854925	0.561	2.291 #

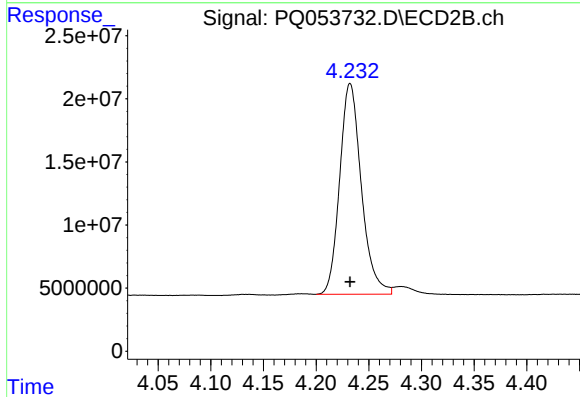
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

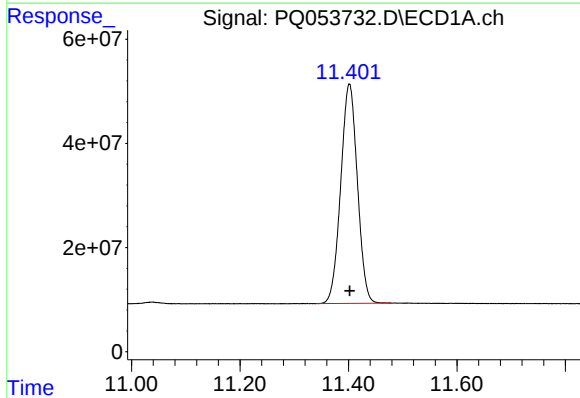
R.T.: 5.216 min
Delta R.T.: 0.000 min
Response: 459112353
Conc: 20.25 ng/ml

Instrument :
ECD_Q
ClientSampleId :



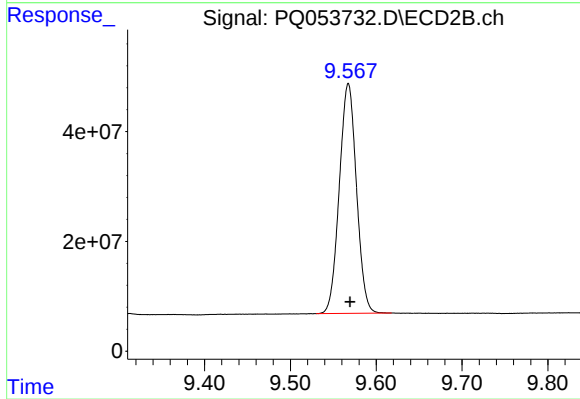
#1 Tetrachloro-m-xylene

R.T.: 4.232 min
Delta R.T.: 0.000 min
Response: 239037652
Conc: 22.19 ng/ml



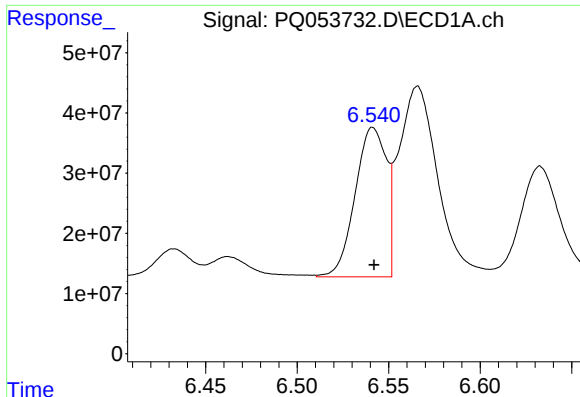
#2 Decachlorobiphenyl

R.T.: 11.402 min
Delta R.T.: 0.000 min
Response: 898400846
Conc: 39.91 ng/ml



#2 Decachlorobiphenyl

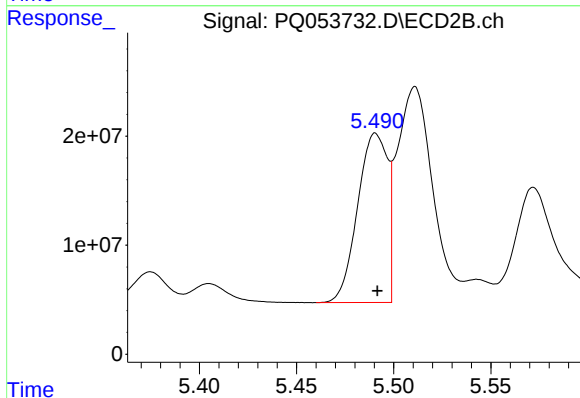
R.T.: 9.568 min
Delta R.T.: -0.002 min
Response: 581803907
Conc: 52.69 ng/ml



#3 AR-1016-1

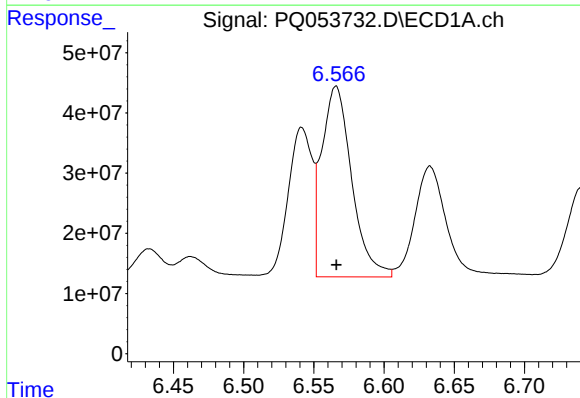
R.T.: 6.541 min
Delta R.T.: 0.000 min
Response: 296274823
Conc: 359.02 ng/ml

Instrument :
ECD_Q
ClientSampleId :



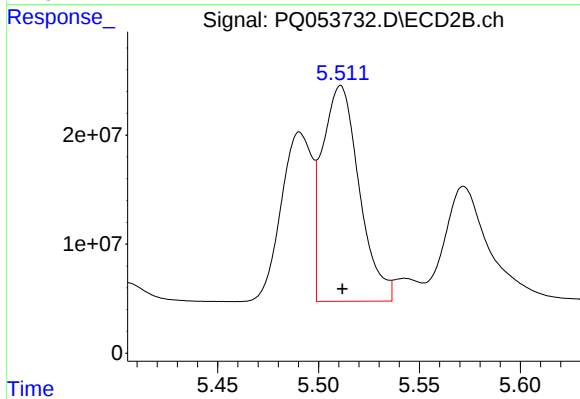
#3 AR-1016-1

R.T.: 5.491 min
Delta R.T.: 0.000 min
Response: 165767055
Conc: 390.05 ng/ml



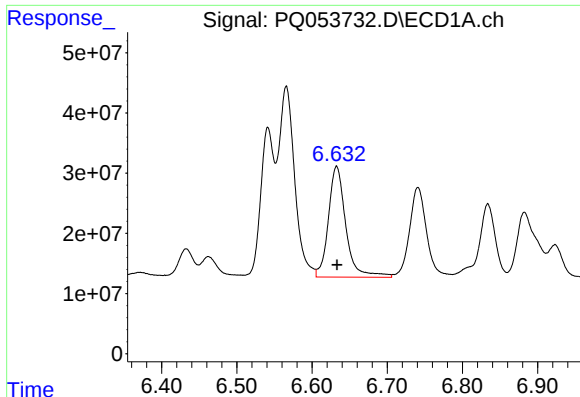
#4 AR-1016-2

R.T.: 6.566 min
Delta R.T.: 0.000 min
Response: 470441509
Conc: 369.19 ng/ml



#4 AR-1016-2

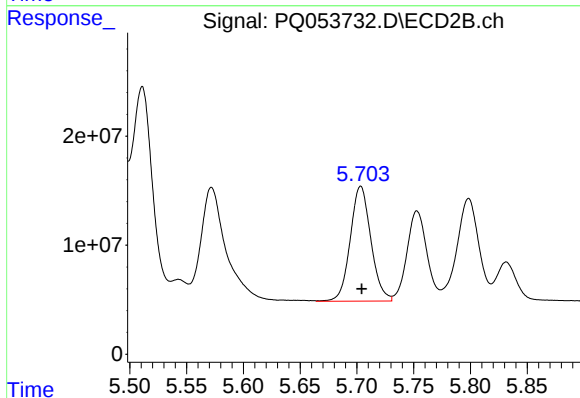
R.T.: 5.511 min
Delta R.T.: 0.000 min
Response: 251969458
Conc: 401.11 ng/ml



#5 AR-1016-3

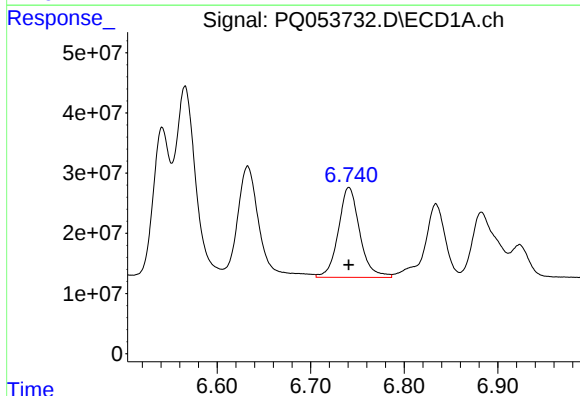
R.T.: 6.633 min
Delta R.T.: 0.000 min
Response: 296236800
Conc: 385.18 ng/ml

Instrument :
ECD_Q
ClientSampleId :



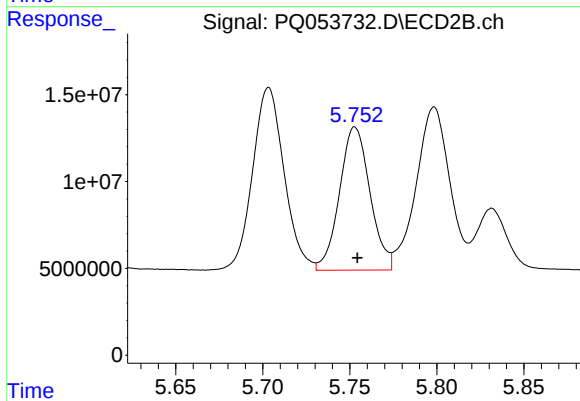
#5 AR-1016-3

R.T.: 5.703 min
Delta R.T.: -0.001 min
Response: 133738282
Conc: 416.19 ng/ml



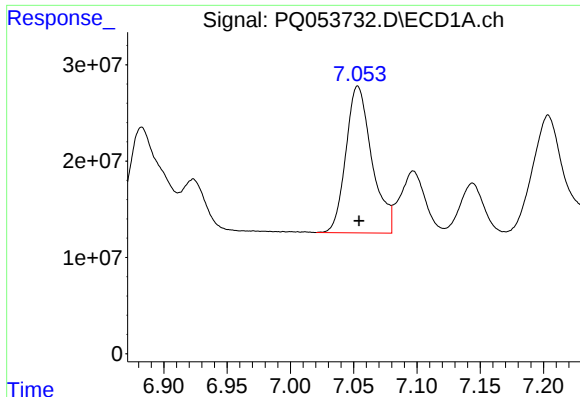
#6 AR-1016-4

R.T.: 6.741 min
Delta R.T.: 0.000 min
Response: 237349810
Conc: 372.92 ng/ml



#6 AR-1016-4

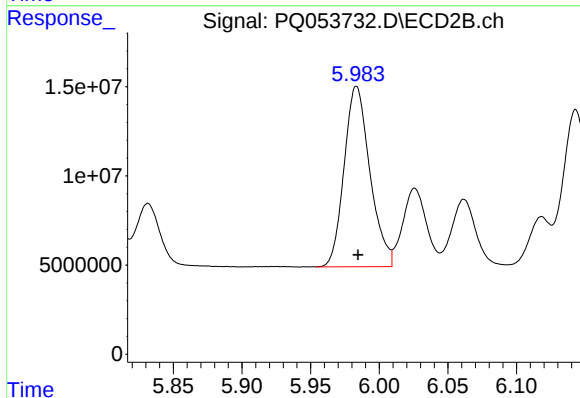
R.T.: 5.753 min
Delta R.T.: -0.002 min
Response: 100630696
Conc: 402.18 ng/ml



#7 AR-1016-5

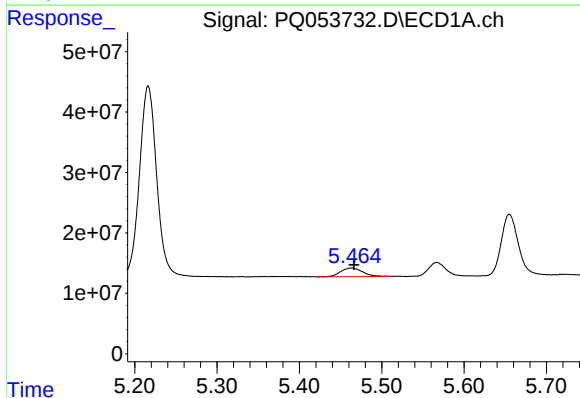
R.T.: 7.053 min
Delta R.T.: -0.001 min
Response: 217854044
Conc: 367.56 ng/ml

Instrument :
ECD_Q
ClientSampleId :



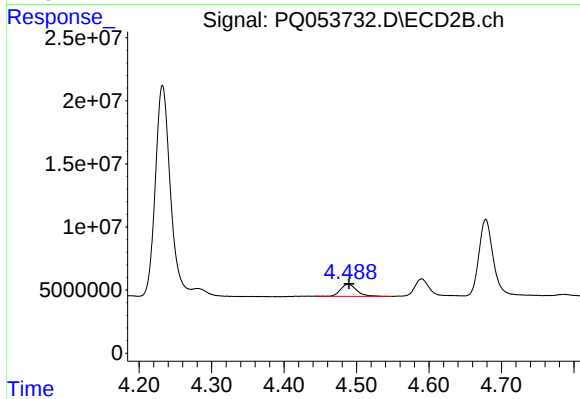
#7 AR-1016-5

R.T.: 5.983 min
Delta R.T.: -0.001 min
Response: 132462505
Conc: 405.84 ng/ml



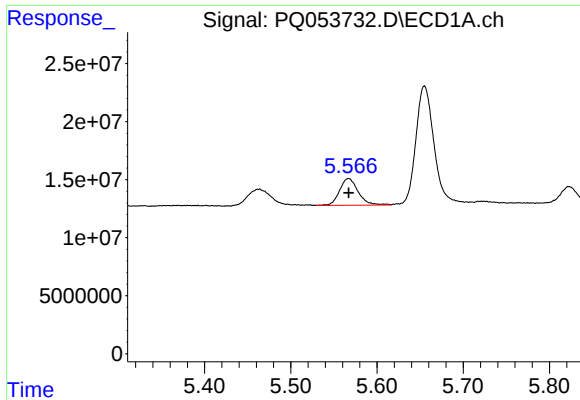
#8 AR-1221-1

R.T.: 5.463 min
Delta R.T.: -0.003 min
Response: 27212042
Conc: 112.18 ng/ml



#8 AR-1221-1

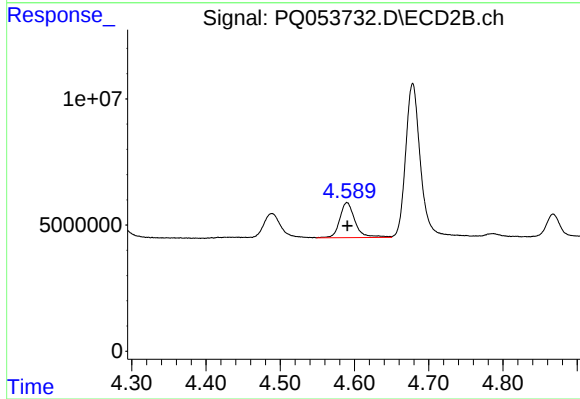
R.T.: 4.489 min
Delta R.T.: 0.000 min
Response: 14806352
Conc: 115.01 ng/ml



#9 AR-1221-2

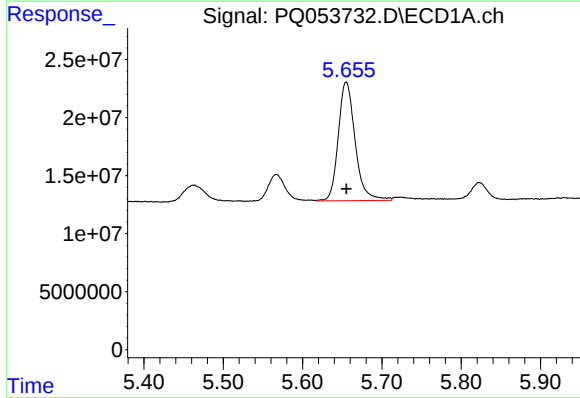
R.T.: 5.567 min
Delta R.T.: 0.000 min
Response: 34538040
Conc: 209.34 ng/ml

Instrument :
ECD_Q
ClientSampleId :



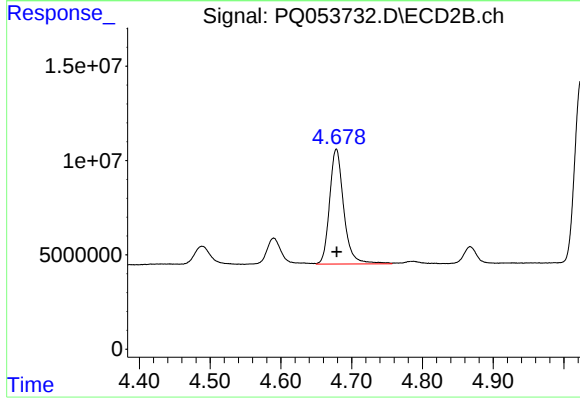
#9 AR-1221-2

R.T.: 4.590 min
Delta R.T.: 0.000 min
Response: 19915376
Conc: 222.91 ng/ml



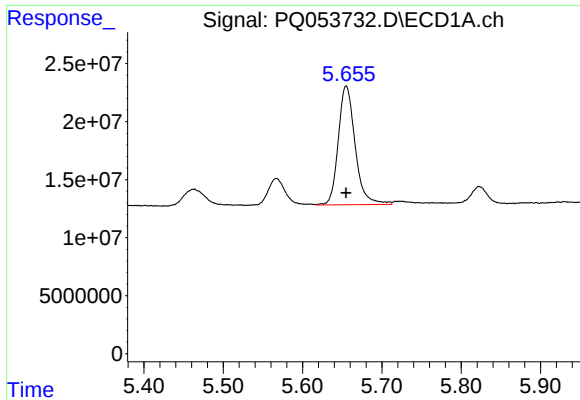
#10 AR-1221-3

R.T.: 5.655 min
Delta R.T.: 0.000 min
Response: 151257113
Conc: 257.98 ng/ml



#10 AR-1221-3

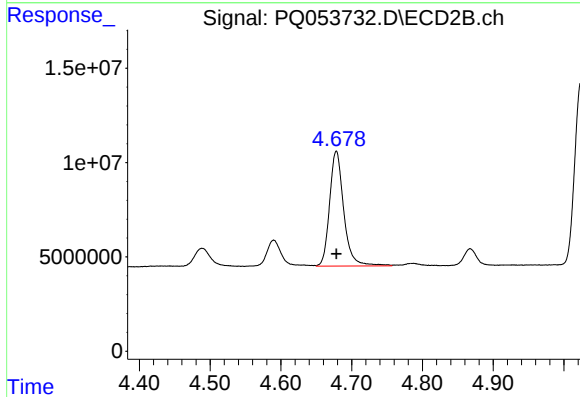
R.T.: 4.678 min
Delta R.T.: 0.000 min
Response: 84879290
Conc: 272.41 ng/ml



#11 AR-1232-1

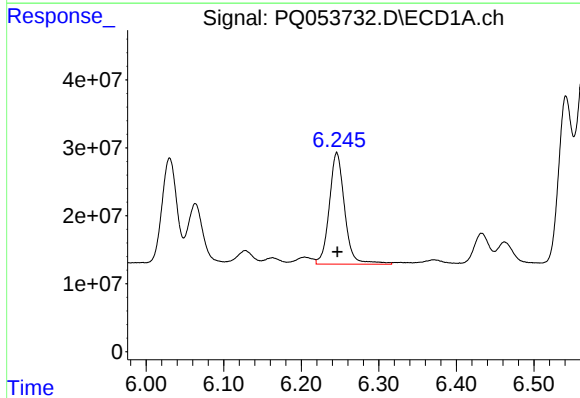
R.T.: 5.655 min
Delta R.T.: 0.000 min
Response: 151257113
Conc: 317.45 ng/ml

Instrument :
ECD_Q
ClientSampleId :



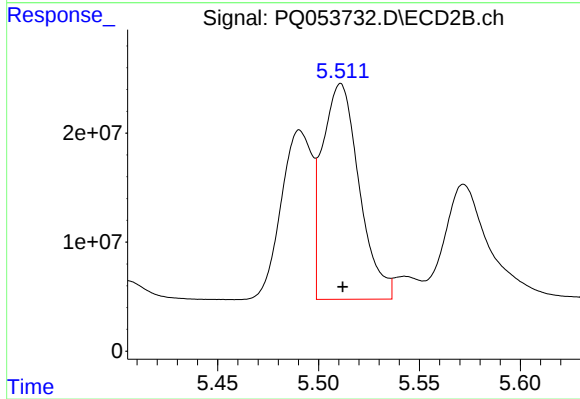
#11 AR-1232-1

R.T.: 4.678 min
Delta R.T.: 0.000 min
Response: 84879290
Conc: 334.46 ng/ml



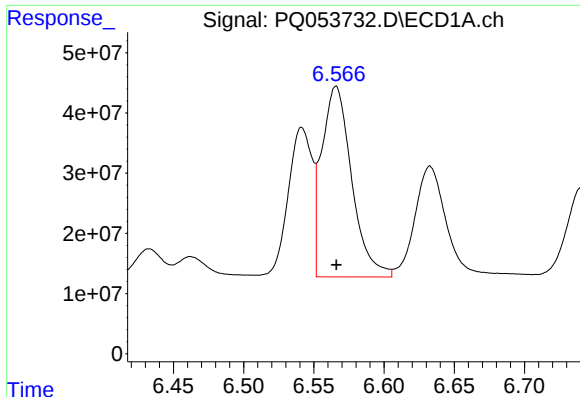
#12 AR-1232-2

R.T.: 6.246 min
Delta R.T.: 0.000 min
Response: 225757714
Conc: 884.89 ng/ml



#12 AR-1232-2

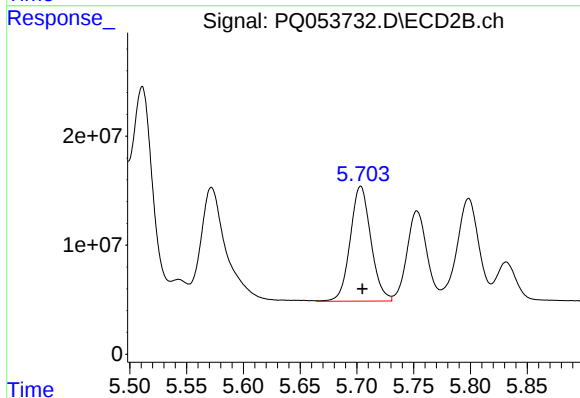
R.T.: 5.511 min
Delta R.T.: -0.001 min
Response: 251969458
Conc: 880.52 ng/ml



#13 AR-1232-3

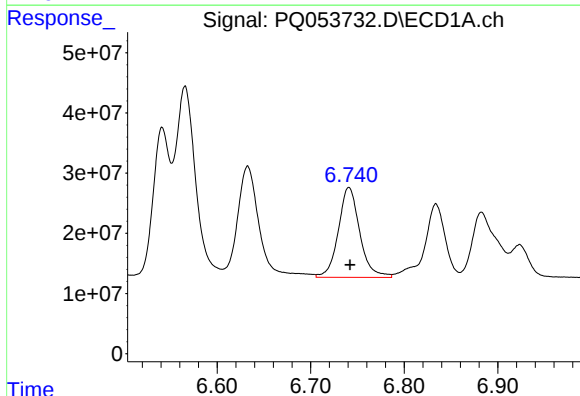
R.T.: 6.566 min
Delta R.T.: 0.000 min
Response: 470441509
Conc: 833.84 ng/ml

Instrument :
ECD_Q
ClientSampleId :



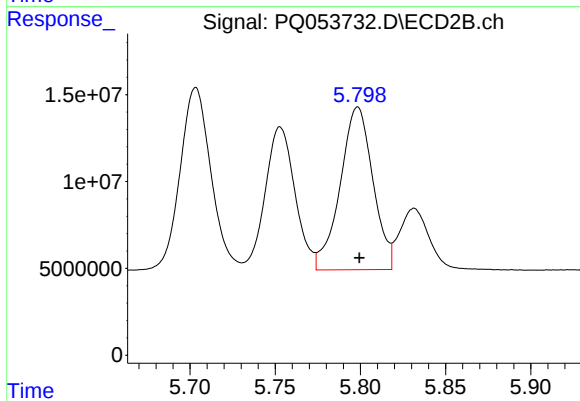
#13 AR-1232-3

R.T.: 5.703 min
Delta R.T.: -0.001 min
Response: 133738282
Conc: 934.16 ng/ml



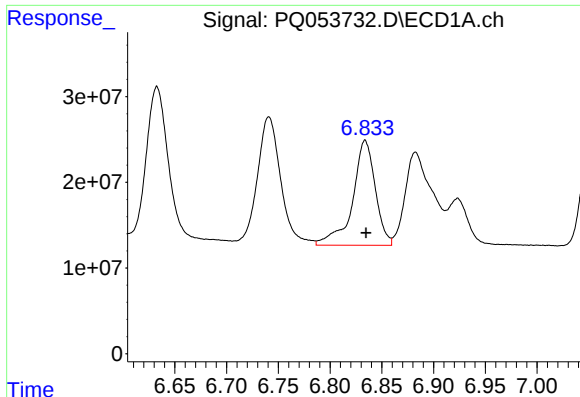
#14 AR-1232-4

R.T.: 6.741 min
Delta R.T.: -0.001 min
Response: 237349810
Conc: 834.28 ng/ml



#14 AR-1232-4

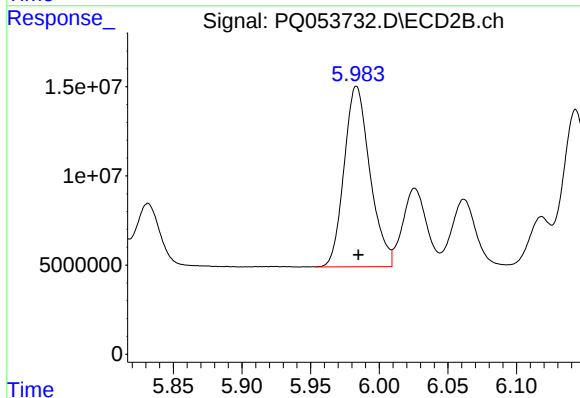
R.T.: 5.798 min
Delta R.T.: 0.000 min
Response: 125368043
Conc: 1052.00 ng/ml



#15 AR-1232-5

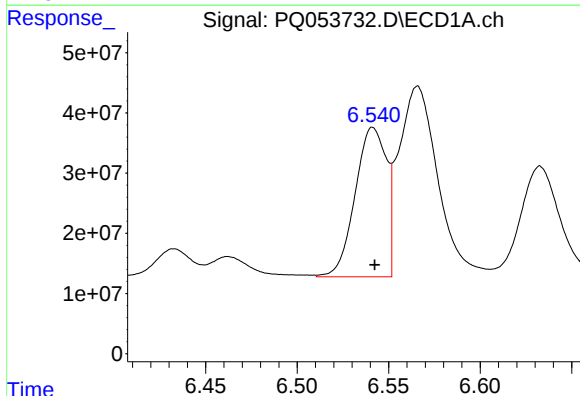
R.T.: 6.834 min
Delta R.T.: -0.001 min
Response: 187408439
Conc: 935.68 ng/ml

Instrument :
ECD_Q
ClientSampleId :



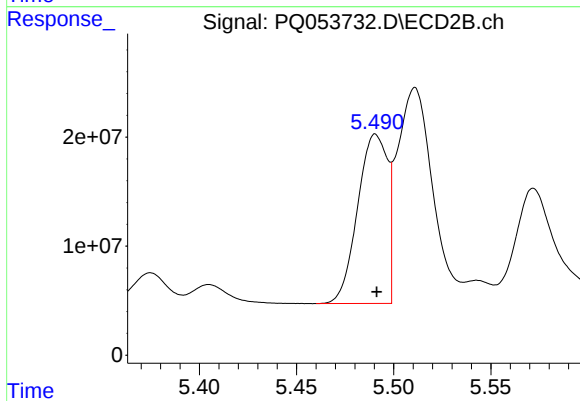
#15 AR-1232-5

R.T.: 5.983 min
Delta R.T.: -0.001 min
Response: 132462505
Conc: 1011.36 ng/ml



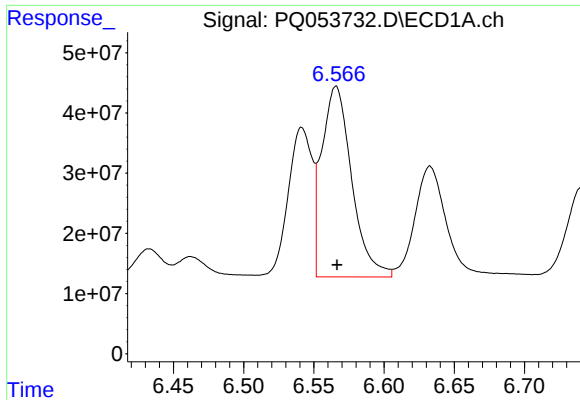
#16 AR-1242-1

R.T.: 6.541 min
Delta R.T.: -0.001 min
Response: 296274823
Conc: 384.46 ng/ml



#16 AR-1242-1

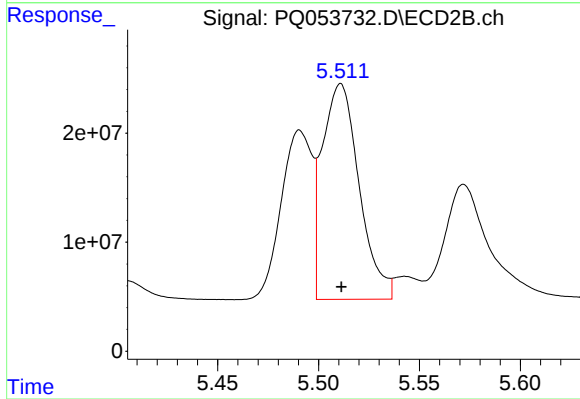
R.T.: 5.491 min
Delta R.T.: 0.000 min
Response: 165767055
Conc: 413.55 ng/ml



#17 AR-1242-2

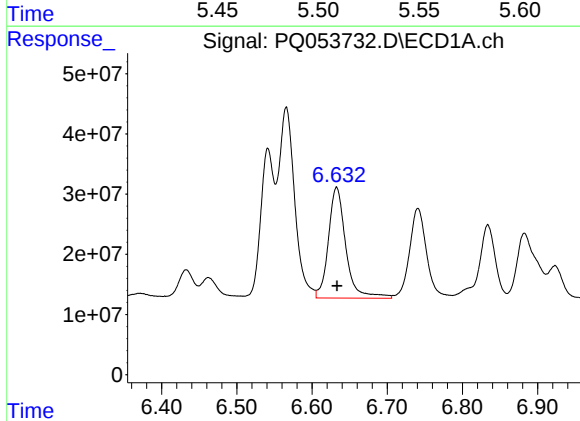
R.T.: 6.566 min
Delta R.T.: 0.000 min
Response: 470441509
Conc: 389.81 ng/ml

Instrument :
ECD_Q
ClientSampleId :



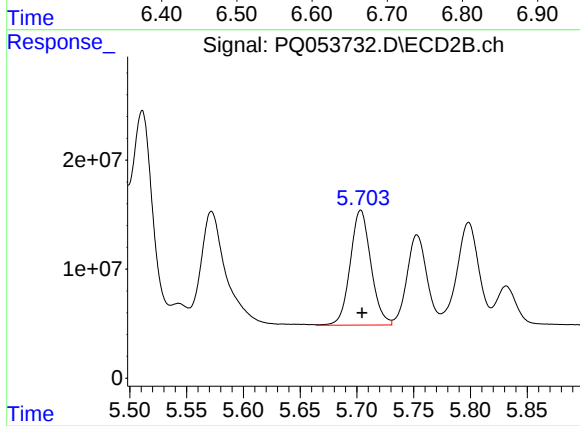
#17 AR-1242-2

R.T.: 5.511 min
Delta R.T.: 0.000 min
Response: 251969458
Conc: 420.65 ng/ml



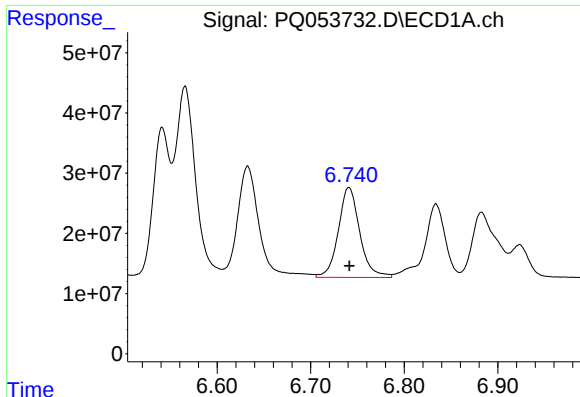
#18 AR-1242-3

R.T.: 6.633 min
Delta R.T.: 0.000 min
Response: 296236800
Conc: 398.21 ng/ml



#18 AR-1242-3

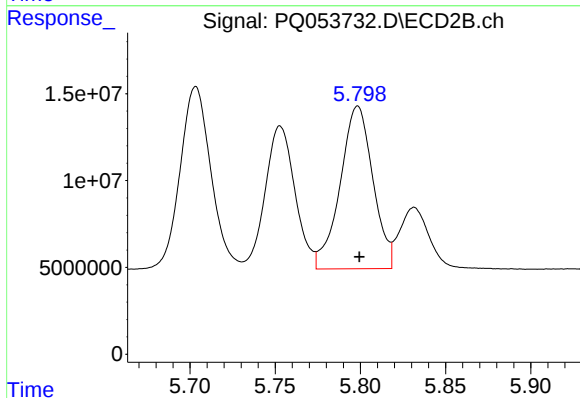
R.T.: 5.703 min
Delta R.T.: -0.001 min
Response: 133738282
Conc: 434.68 ng/ml



#19 AR-1242-4

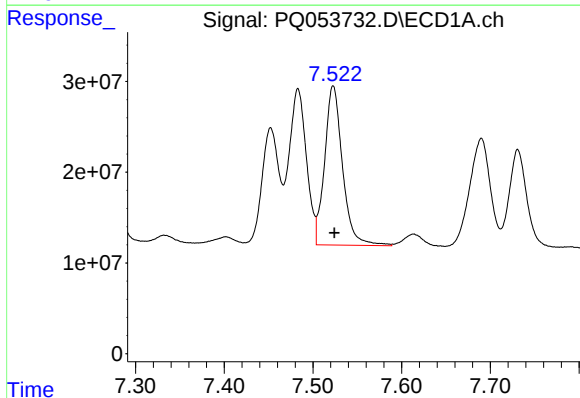
R.T.: 6.741 min
Delta R.T.: 0.000 min
Response: 237349810
Conc: 390.70 ng/ml

Instrument :
ECD_Q
ClientSampleId :



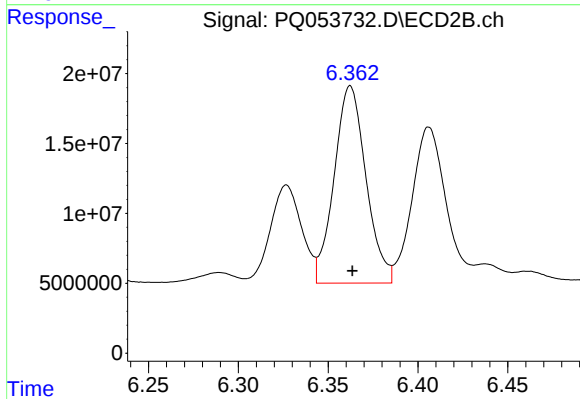
#19 AR-1242-4

R.T.: 5.798 min
Delta R.T.: 0.000 min
Response: 125368043
Conc: 431.48 ng/ml



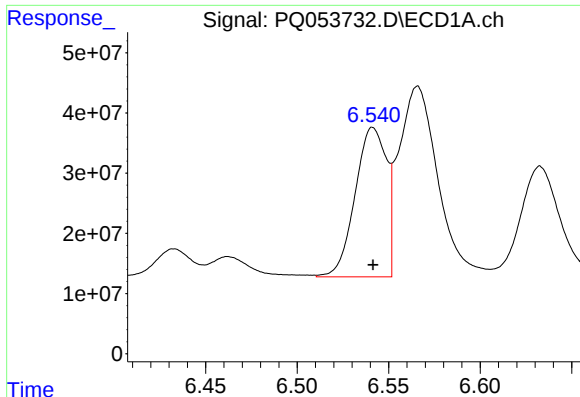
#20 AR-1242-5

R.T.: 7.523 min
Delta R.T.: -0.001 min
Response: 245957782
Conc: 362.07 ng/ml



#20 AR-1242-5

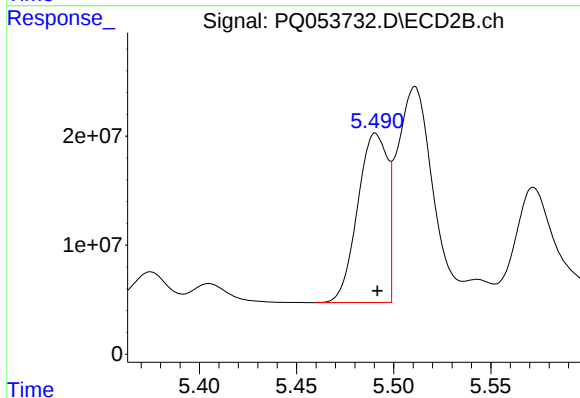
R.T.: 6.362 min
Delta R.T.: -0.001 min
Response: 174313844
Conc: 419.06 ng/ml



#21 AR-1248-1

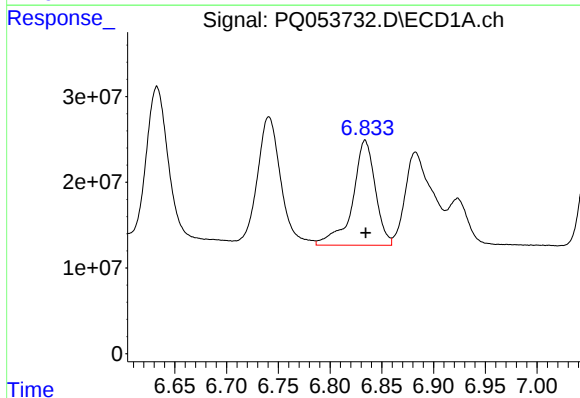
R.T.: 6.541 min
Delta R.T.: 0.000 min
Response: 296274823
Conc: 575.99 ng/ml

Instrument :
ECD_Q
ClientSampleId :



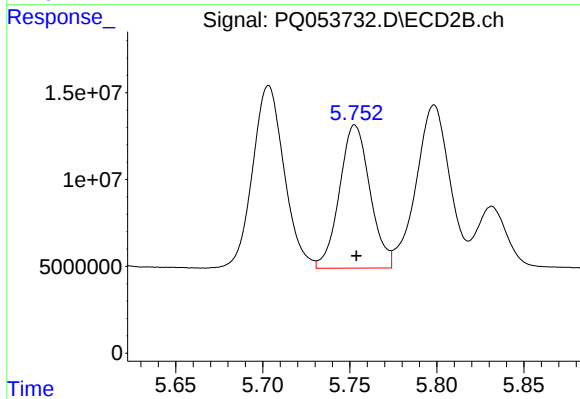
#21 AR-1248-1

R.T.: 5.491 min
Delta R.T.: 0.000 min
Response: 165767055
Conc: 630.54 ng/ml



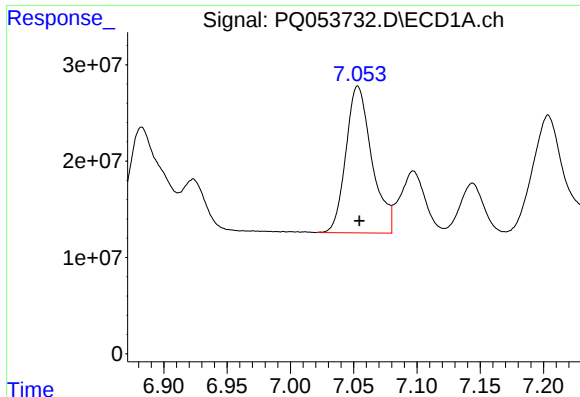
#22 AR-1248-2

R.T.: 6.834 min
Delta R.T.: 0.000 min
Response: 187408439
Conc: 245.94 ng/ml



#22 AR-1248-2

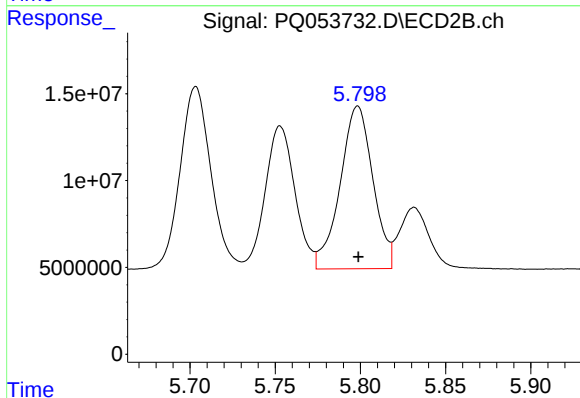
R.T.: 5.753 min
Delta R.T.: 0.000 min
Response: 100630696
Conc: 269.43 ng/ml



#23 AR-1248-3

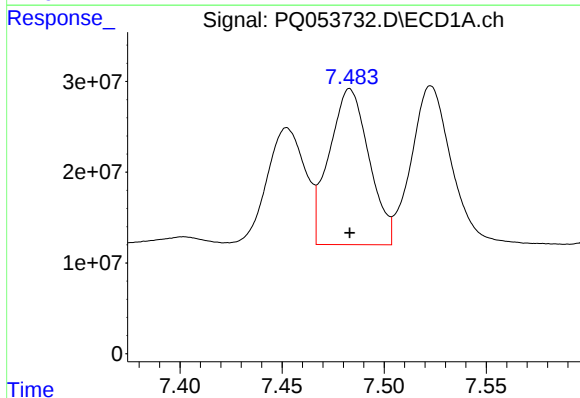
R.T.: 7.053 min
Delta R.T.: -0.001 min
Response: 217854044
Conc: 252.52 ng/ml

Instrument :
ECD_Q
ClientSampleId :



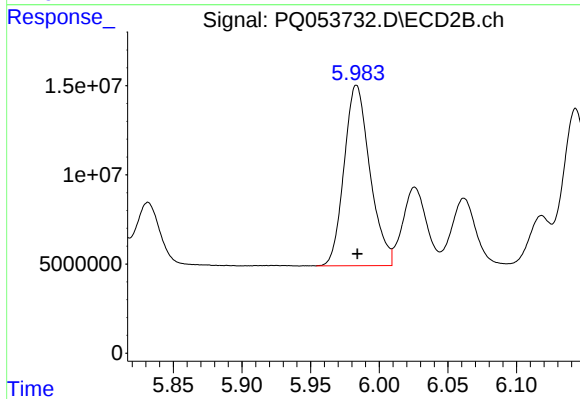
#23 AR-1248-3

R.T.: 5.798 min
Delta R.T.: 0.000 min
Response: 125368043
Conc: 324.30 ng/ml



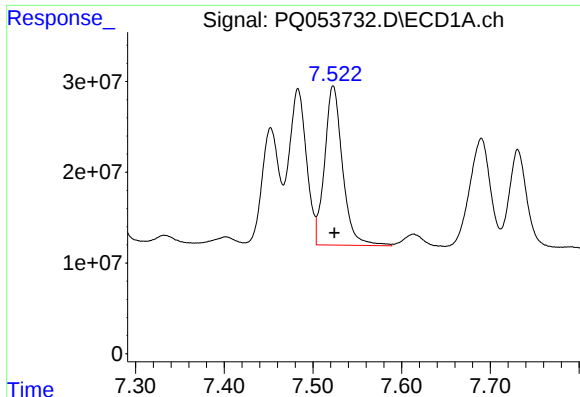
#24 AR-1248-4

R.T.: 7.483 min
Delta R.T.: 0.000 min
Response: 233384304
Conc: 222.19 ng/ml



#24 AR-1248-4

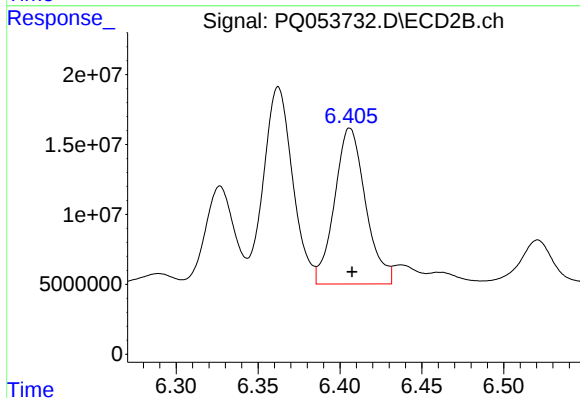
R.T.: 5.983 min
Delta R.T.: 0.000 min
Response: 132462505
Conc: 280.88 ng/ml



#25 AR-1248-5

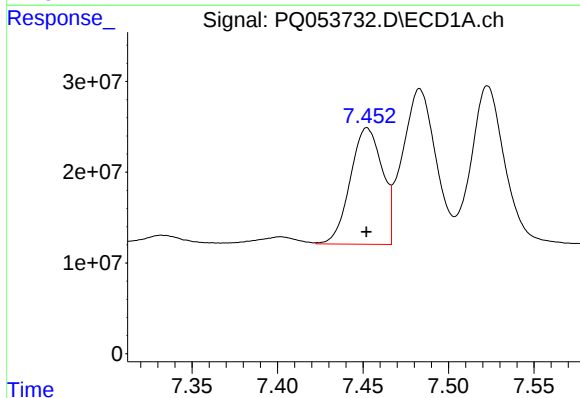
R.T.: 7.523 min
Delta R.T.: -0.001 min
Response: 245957782
Conc: 236.95 ng/ml

Instrument :
ECD_Q
ClientSampleId :



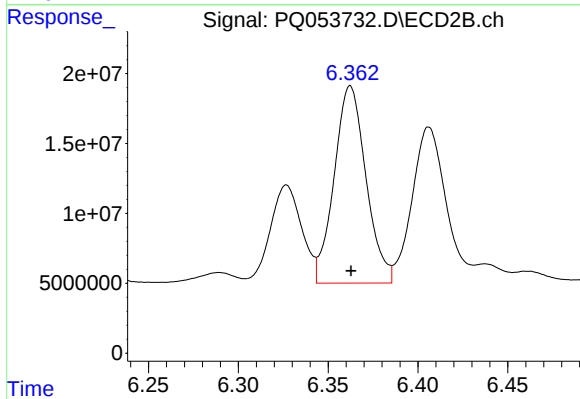
#25 AR-1248-5

R.T.: 6.406 min
Delta R.T.: -0.001 min
Response: 147097480
Conc: 285.83 ng/ml



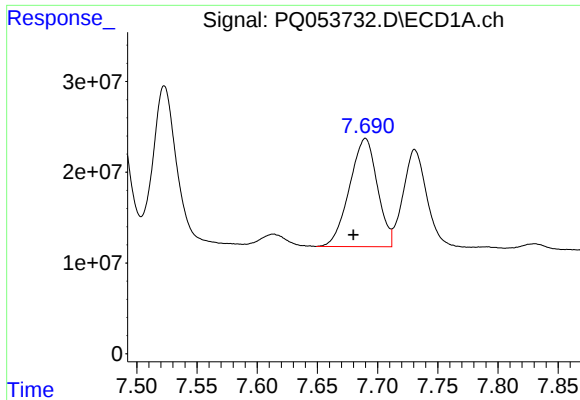
#26 AR-1254-1

R.T.: 7.452 min
Delta R.T.: 0.000 min
Response: 167272150
Conc: 117.68 ng/ml



#26 AR-1254-1

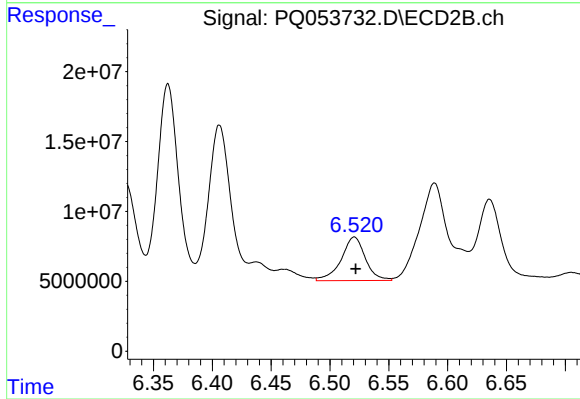
R.T.: 6.362 min
Delta R.T.: 0.000 min
Response: 174313844
Conc: 154.14 ng/ml



#27 AR-1254-2

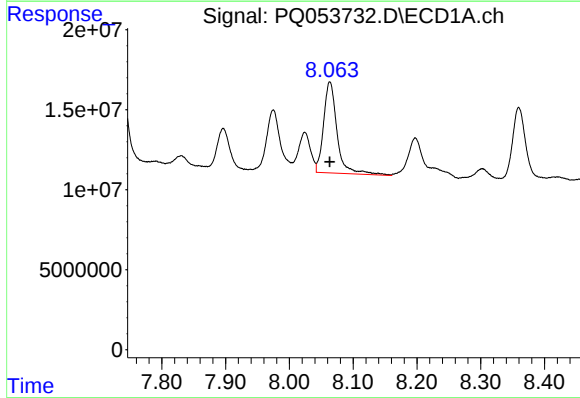
R.T.: 7.690 min
Delta R.T.: 0.010 min
Response: 192305839
Conc: 85.48 ng/ml

Instrument :
ECD_Q
ClientSampleId :



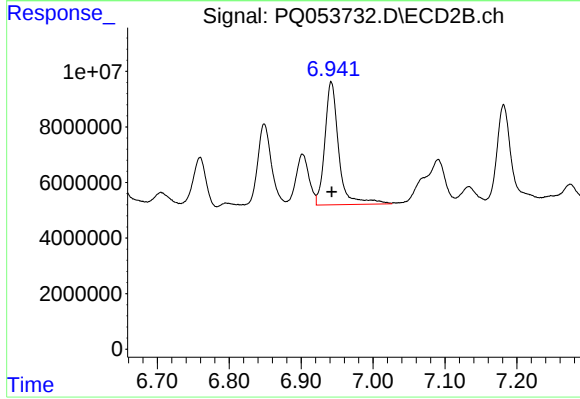
#27 AR-1254-2

R.T.: 6.521 min
Delta R.T.: -0.001 min
Response: 44674685
Conc: 43.91 ng/ml



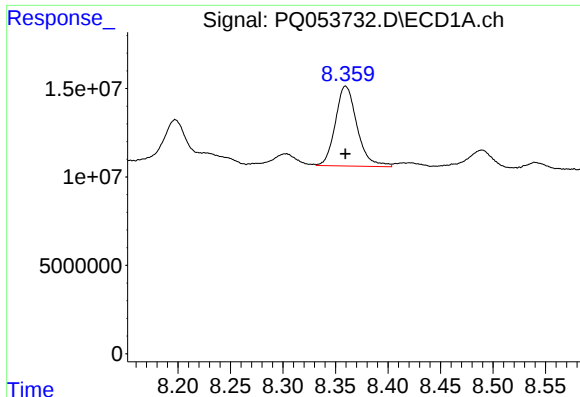
#28 AR-1254-3

R.T.: 8.064 min
Delta R.T.: 0.000 min
Response: 83940219
Conc: 35.42 ng/ml



#28 AR-1254-3

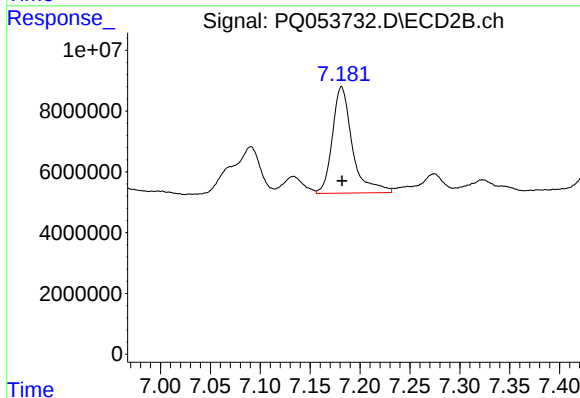
R.T.: 6.942 min
Delta R.T.: 0.000 min
Response: 59349547
Conc: 35.46 ng/ml



#29 AR-1254-4

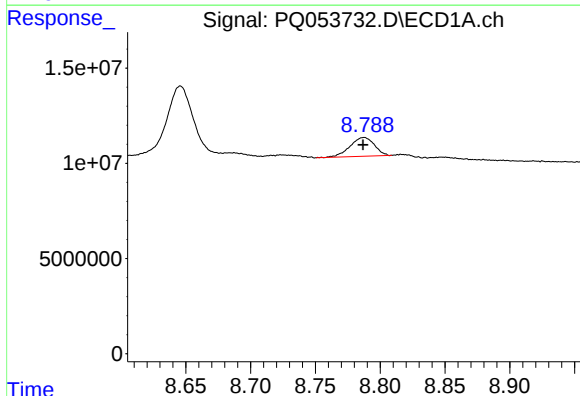
R.T.: 8.360 min
Delta R.T.: 0.000 min
Response: 64873406
Conc: 35.23 ng/ml

Instrument :
ECD_Q
ClientSampleId :



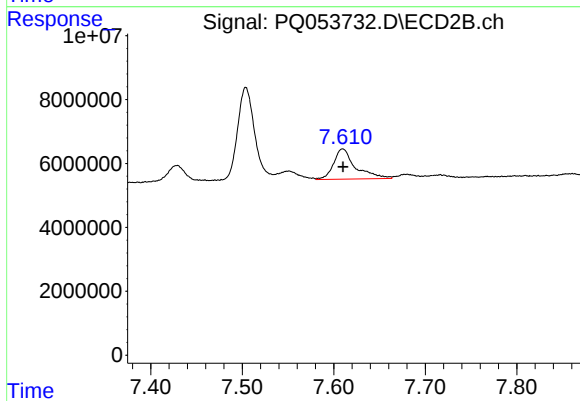
#29 AR-1254-4

R.T.: 7.181 min
Delta R.T.: 0.000 min
Response: 48783059
Conc: 42.66 ng/ml



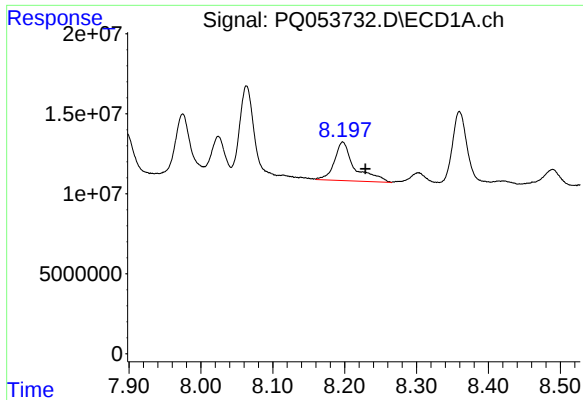
#30 AR-1254-5

R.T.: 8.787 min
Delta R.T.: 0.000 min
Response: 12840934
Conc: 7.11 ng/ml



#30 AR-1254-5

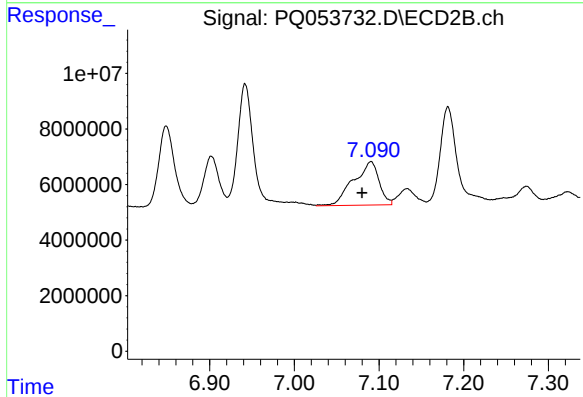
R.T.: 7.610 min
Delta R.T.: 0.000 min
Response: 15724368
Conc: 9.71 ng/ml



#31 AR-1260-1

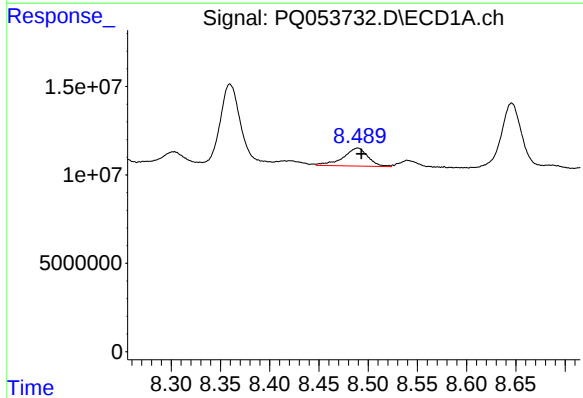
R.T.: 8.197 min
Delta R.T.: -0.032 min
Response: 47263423
Conc: 48.89 ng/ml

Instrument :
ECD_Q
ClientSampleId :



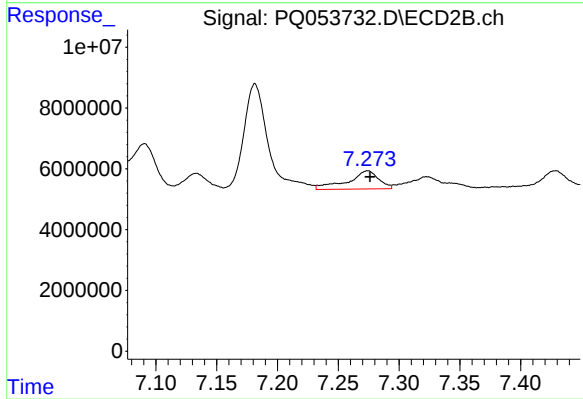
#31 AR-1260-1

R.T.: 7.091 min
Delta R.T.: 0.011 min
Response: 32926285
Conc: 49.31 ng/ml



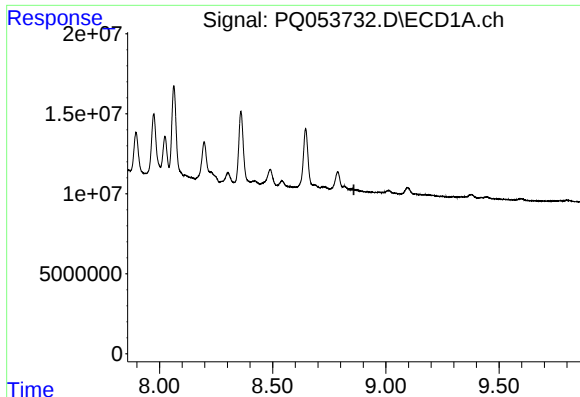
#32 AR-1260-2

R.T.: 8.489 min
Delta R.T.: -0.004 min
Response: 17977350
Conc: 14.21 ng/ml



#32 AR-1260-2

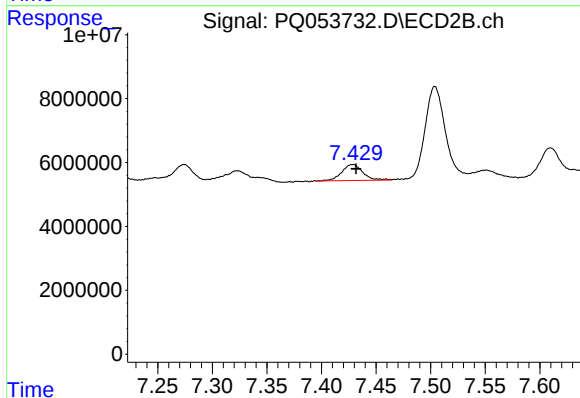
R.T.: 7.274 min
Delta R.T.: -0.002 min
Response: 10618968
Conc: 11.33 ng/ml



#33 AR-1260-3

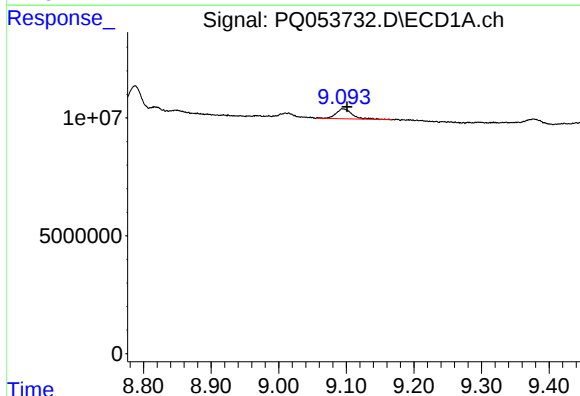
R.T.: 0.000 min
Exp R.T.: 8.859 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



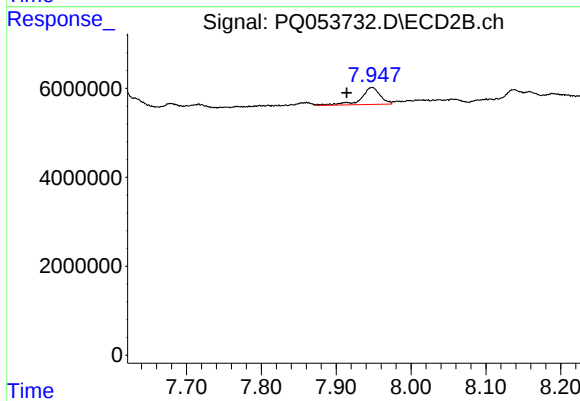
#33 AR-1260-3

R.T.: 7.429 min
Delta R.T.: -0.003 min
Response: 6743875
Conc: 8.60 ng/ml



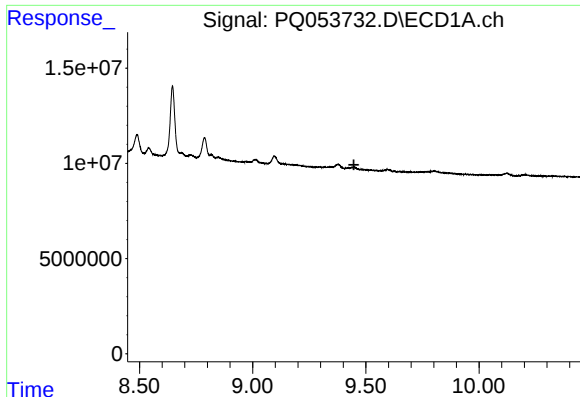
#34 AR-1260-4

R.T.: 9.095 min
Delta R.T.: -0.007 min
Response: 7298160
Conc: 7.59 ng/ml



#34 AR-1260-4

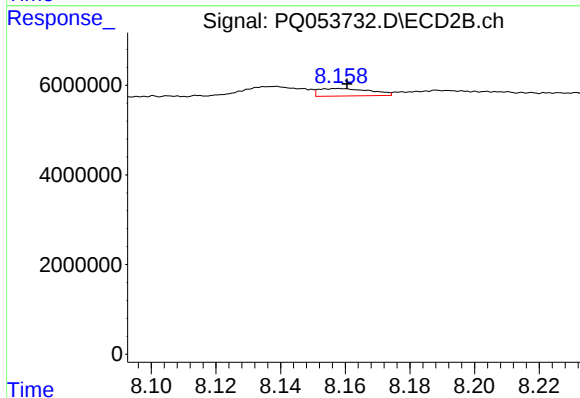
R.T.: 7.948 min
Delta R.T.: 0.034 min
Response: 6698449
Conc: 10.36 ng/ml



#35 AR-1260-5

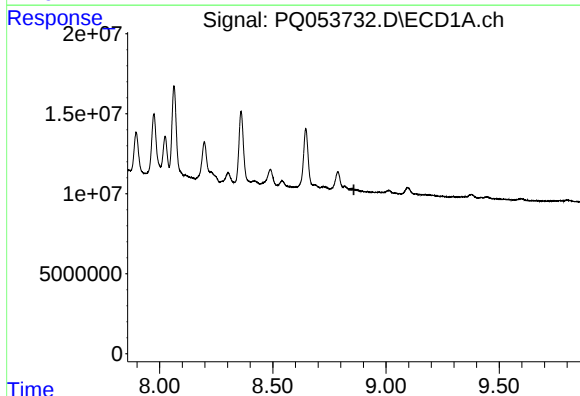
R.T.: 0.000 min
Exp R.T.: 9.447 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



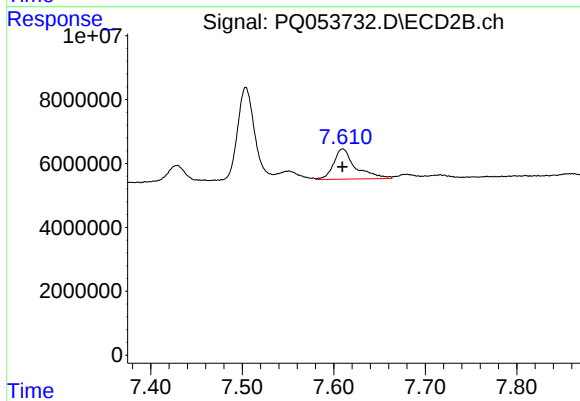
#35 AR-1260-5

R.T.: 8.158 min
Delta R.T.: -0.002 min
Response: 1855004
Conc: 1.05 ng/ml



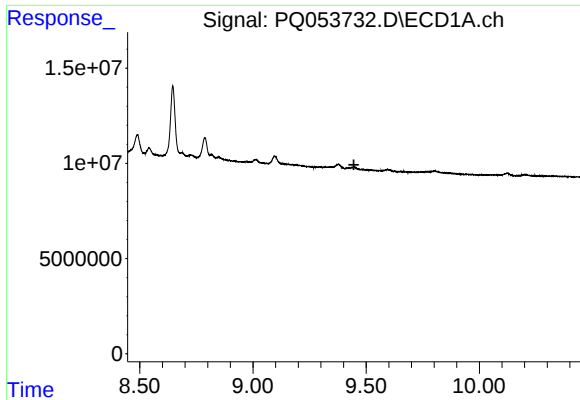
#36 AR-1262-1

R.T.: 0.000 min
Exp R.T.: 8.858 min
Response: 0
Conc: N.D.



#36 AR-1262-1

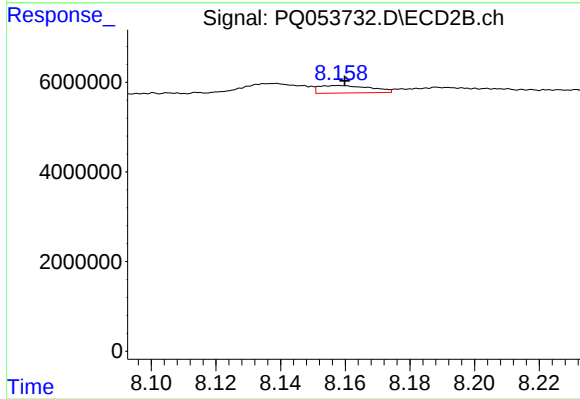
R.T.: 7.610 min
Delta R.T.: 0.000 min
Response: 15724368
Conc: 23.45 ng/ml



#37 AR-1262-2

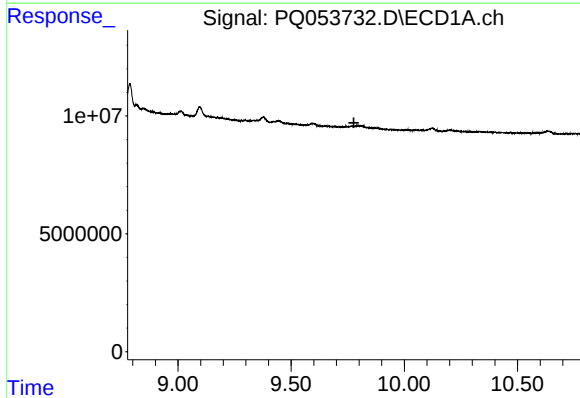
R.T.: 0.000 min
Exp R.T.: 9.446 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



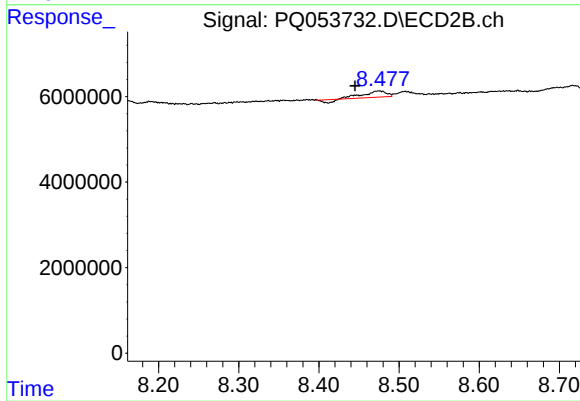
#37 AR-1262-2

R.T.: 8.158 min
Delta R.T.: -0.001 min
Response: 1855004
Conc: 0.65 ng/ml



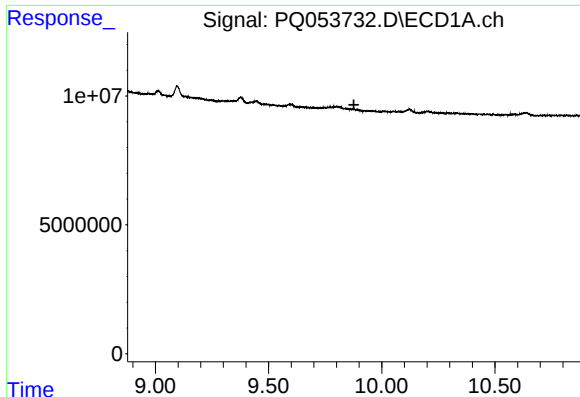
#38 AR-1262-3

R.T.: 0.000 min
Exp R.T.: 9.777 min
Response: 0
Conc: N.D.



#38 AR-1262-3

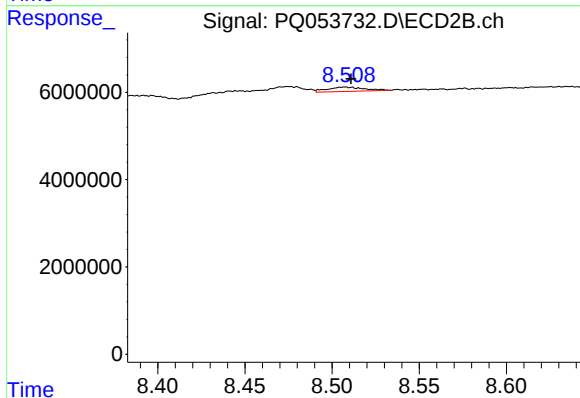
R.T.: 8.475 min
Delta R.T.: 0.030 min
Response: 2364360
Conc: 2.07 ng/ml



#39 AR-1262-4

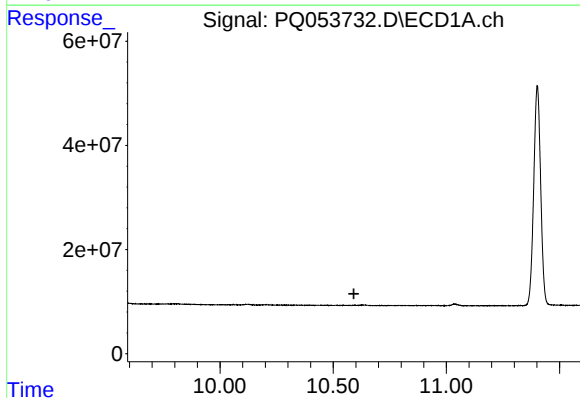
R.T.: 0.000 min
Exp R.T. : 9.877 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



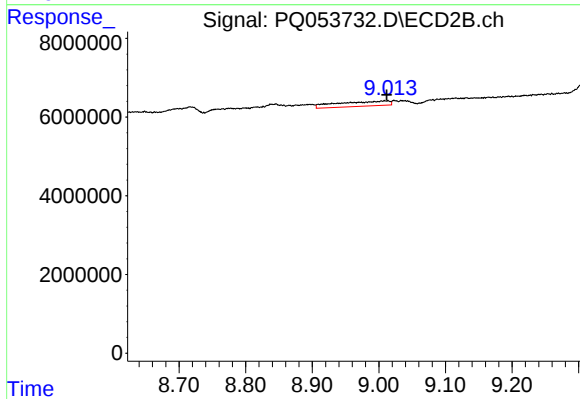
#39 AR-1262-4

R.T.: 8.507 min
Delta R.T.: -0.004 min
Response: 1473782
Conc: 0.76 ng/ml



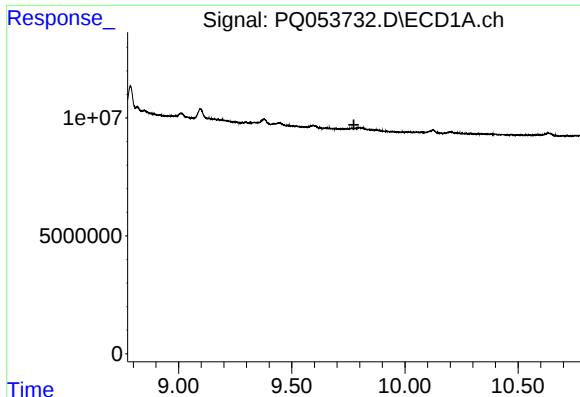
#40 AR-1262-5

R.T.: 0.000 min
Exp R.T. : 10.592 min
Response: 0
Conc: N.D.



#40 AR-1262-5

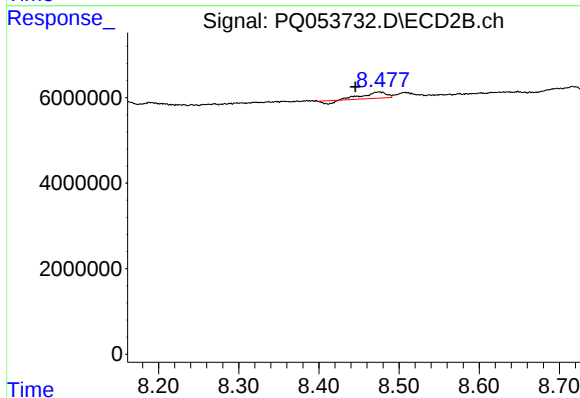
R.T.: 9.013 min
Delta R.T.: 0.001 min
Response: 6771197
Conc: 8.00 ng/ml



#41 AR-1268-1

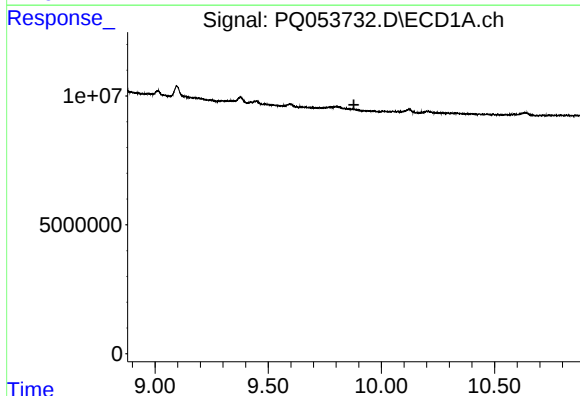
R.T.: 0.000 min
Exp R.T.: 9.775 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



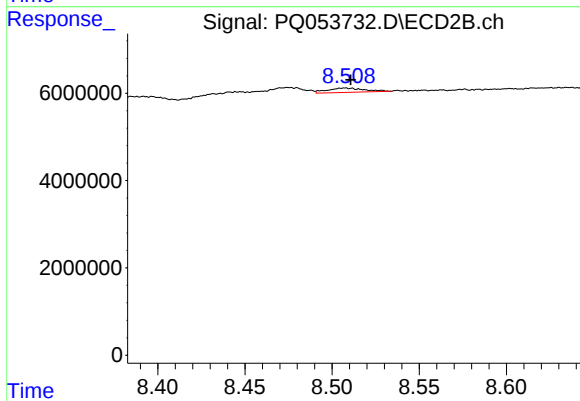
#41 AR-1268-1

R.T.: 8.475 min
Delta R.T.: 0.030 min
Response: 2364360
Conc: 0.64 ng/ml



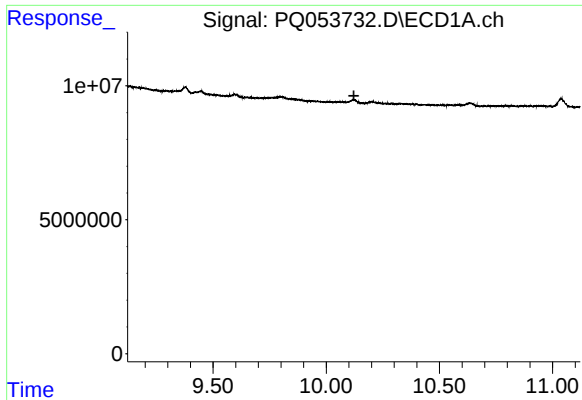
#42 AR-1268-2

R.T.: 0.000 min
Exp R.T.: 9.879 min
Response: 0
Conc: N.D.



#42 AR-1268-2

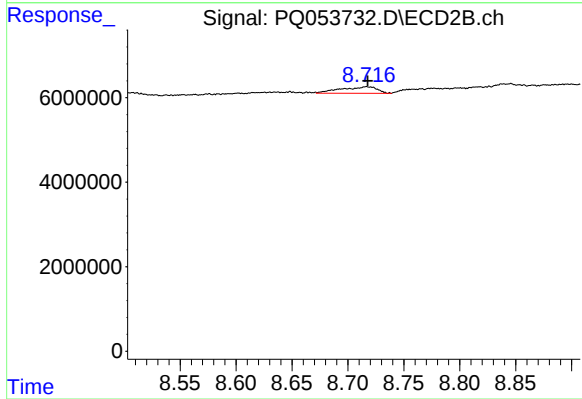
R.T.: 8.507 min
Delta R.T.: -0.004 min
Response: 1473782
Conc: 0.47 ng/ml



#43 AR-1268-3

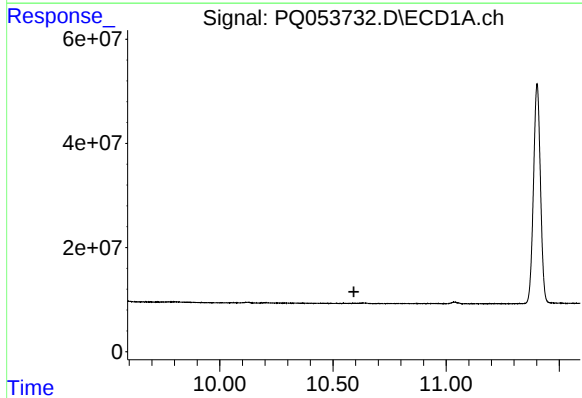
R.T.: 0.000 min
Exp R.T. : 10.122 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



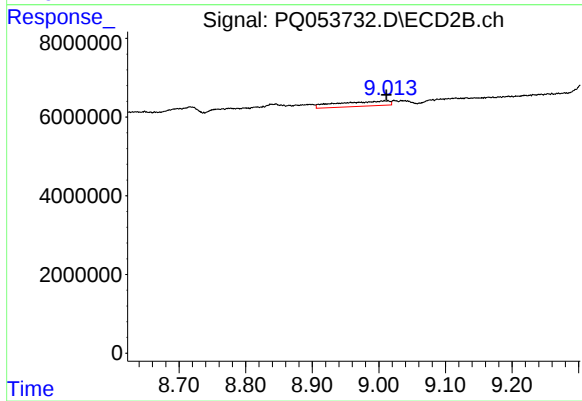
#43 AR-1268-3

R.T.: 8.717 min
Delta R.T.: -0.001 min
Response: 3528729
Conc: 1.29 ng/ml



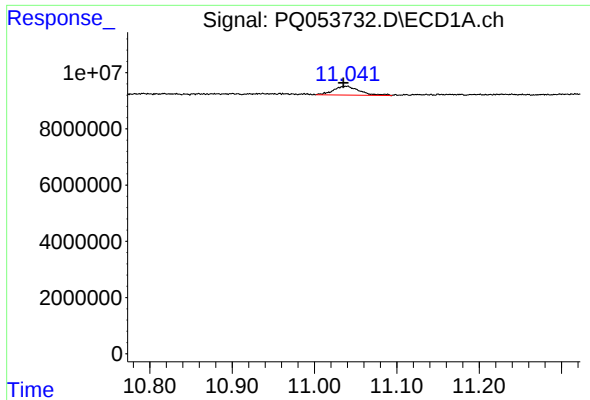
#44 AR-1268-4

R.T.: 0.000 min
Exp R.T. : 10.592 min
Response: 0
Conc: N.D.



#44 AR-1268-4

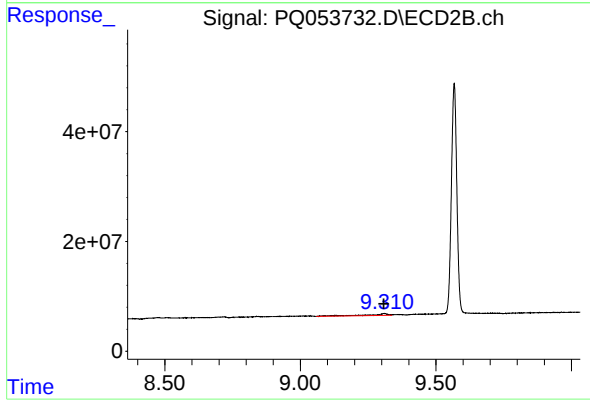
R.T.: 9.013 min
Delta R.T.: 0.002 min
Response: 6771197
Conc: 6.43 ng/ml



#45 AR-1268-5

R.T.: 11.037 min
Delta R.T.: 0.002 min
Response: 6886416
Conc: 0.56 ng/ml

Instrument :
ECD_Q
ClientSampleId :



#45 AR-1268-5

R.T.: 9.309 min
Delta R.T.: 0.001 min
Response: 16854925
Conc: 2.29 ng/ml