

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ020222\
 Data File : PQ056091.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 02 Feb 2022 19:47
 Operator : AJ\MA
 Sample : N1342-13
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 03 02:42:30 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ011922.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Thu Jan 20 13:18:56 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...	5.255f	4.303	4426.3E6	2443.4E6	326.808	217.315 #
2)	SA Decachlor...	11.403	9.645	365.2E6	177.6E6	25.018	22.275
Target Compounds							
3)	L1 AR-1016-1	6.573	5.580	6057.7E6	3204.4E6	17322.707	10434.673 #
4)	L1 AR-1016-2	6.602	5.580	6007.8E6	3204.4E6	8836.846	5144.401 #
5)	L1 AR-1016-3	6.682f	5.796f	3323.7E6	853.3E6	7310.246	3126.281 #
6)	L1 AR-1016-4	0.000	5.853f	0	785.9E6	N.D.	3114.502 #
7)	L1 AR-1016-5	7.057f	6.072	485.7E6	921.0E6	1658.804	3145.864 #
8)	L2 AR-1221-1	5.511f	4.541f	3304.1E6	10235.1E6	23152.176	90379.837 #
9)	L2 AR-1221-2	5.590	4.683f	36079.7E6	863.4E6	328909.722	9865.296 #
10)	L2 AR-1221-3	5.651f	4.775f	3813.4E6	1795.3E6	11751.232	6362.862 #
11)	L3 AR-1232-1	5.651f	4.775f	3813.4E6	1795.3E6	14217.565	7810.460 #
12)	L3 AR-1232-2	0.000	5.580	0	3204.4E6	N.D.	13177.626 #
13)	L3 AR-1232-3	6.602	5.796	6007.8E6	853.3E6	21621.232	8214.994 #
14)	L3 AR-1232-4	0.000	5.886	0	251.0E6	N.D.	2417.918 #
15)	L3 AR-1232-5	6.867	6.072	3513.9E6	921.0E6	37162.458	8397.499 #
16)	L4 AR-1242-1	6.573	5.580	6057.7E6	3204.4E6	22451.233	13844.420 #
17)	L4 AR-1242-2	6.602	5.580	6007.8E6	3204.4E6	11478.173	6805.374 #
18)	L4 AR-1242-3	6.682f	5.796	3323.7E6	853.3E6	9190.590	4109.005 #
19)	L4 AR-1242-4	0.000	5.886	0	251.0E6	N.D.	1125.152 #
20)	L4 AR-1242-5	7.539	0.000	358.5E6	0	1352.453	N.D. #
21)	L5 AR-1248-1	6.573	5.580	6057.7E6	3204.4E6	28929.294	18537.349 #
22)	L5 AR-1248-2	6.867	5.853f	3513.9E6	785.9E6	10974.583	2463.643 #
23)	L5 AR-1248-3	7.057f	5.886	485.7E6	251.0E6	1283.797	766.687 #
24)	L5 AR-1248-4	0.000	6.072	0	921.0E6	N.D.	2441.651 #
25)	L5 AR-1248-5	7.539	6.485	358.5E6	285.7E6	778.670	777.108
27)	L6 AR-1254-2	7.689	6.623f	431.5E6	200.4E6	666.067	370.081 #
28)	L6 AR-1254-3	8.087	7.032	73991510	39299050	94.615	45.562 #
29)	L6 AR-1254-4	0.000	7.279f	0	24441041	N.D.	39.112 #
30)	L6 AR-1254-5	0.000	7.707f	0	1525241	N.D.	2.011 #
31)	L7 AR-1260-1	8.269f	7.168	110.2E6	11705757	229.265	21.377 #
32)	L7 AR-1260-2	8.515	7.339	14482313	6627554	24.585	9.984 #
33)	L7 AR-1260-3	0.000	7.516	0	5392835	N.D.	8.761 #
34)	L7 AR-1260-4	0.000	8.010f	0	2603731	N.D.	5.154 #
35)	L7 AR-1260-5	0.000	8.252	0	5610499	N.D.	4.723 #
36)	L8 AR-1262-1	0.000	7.669f	0	399727	N.D.	1.100 #
37)	L8 AR-1262-2	0.000	8.252	0	5610499	N.D.	4.241 #
38)	L8 AR-1262-3	0.000	8.550f	0	5974007	N.D.	12.069 #
39)	L8 AR-1262-4	0.000	8.617f	0	497893	N.D.	0.539 #
41)	L9 AR-1268-1	0.000	8.550f	0	5974007	N.D.	4.076 #
42)	L9 AR-1268-2	0.000	8.617f	0	497893	N.D.	0.376 #
43)	L9 AR-1268-3	0.000	8.797	0	2887464	N.D.	2.615 #

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Integration File signal 1: autoint1.e
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 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
45) L9	AR-1268-5	11.039f	9.384	-2873652	4332215	N.D.	1.309 #

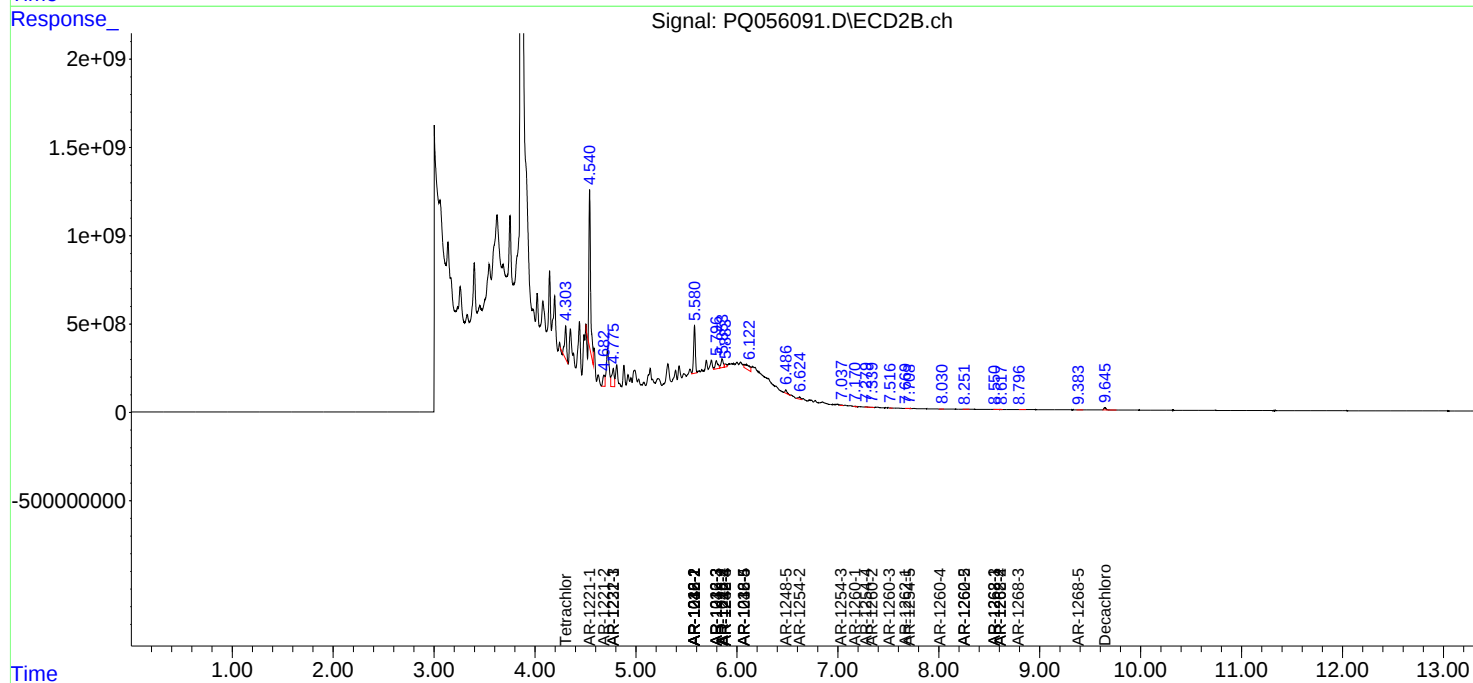
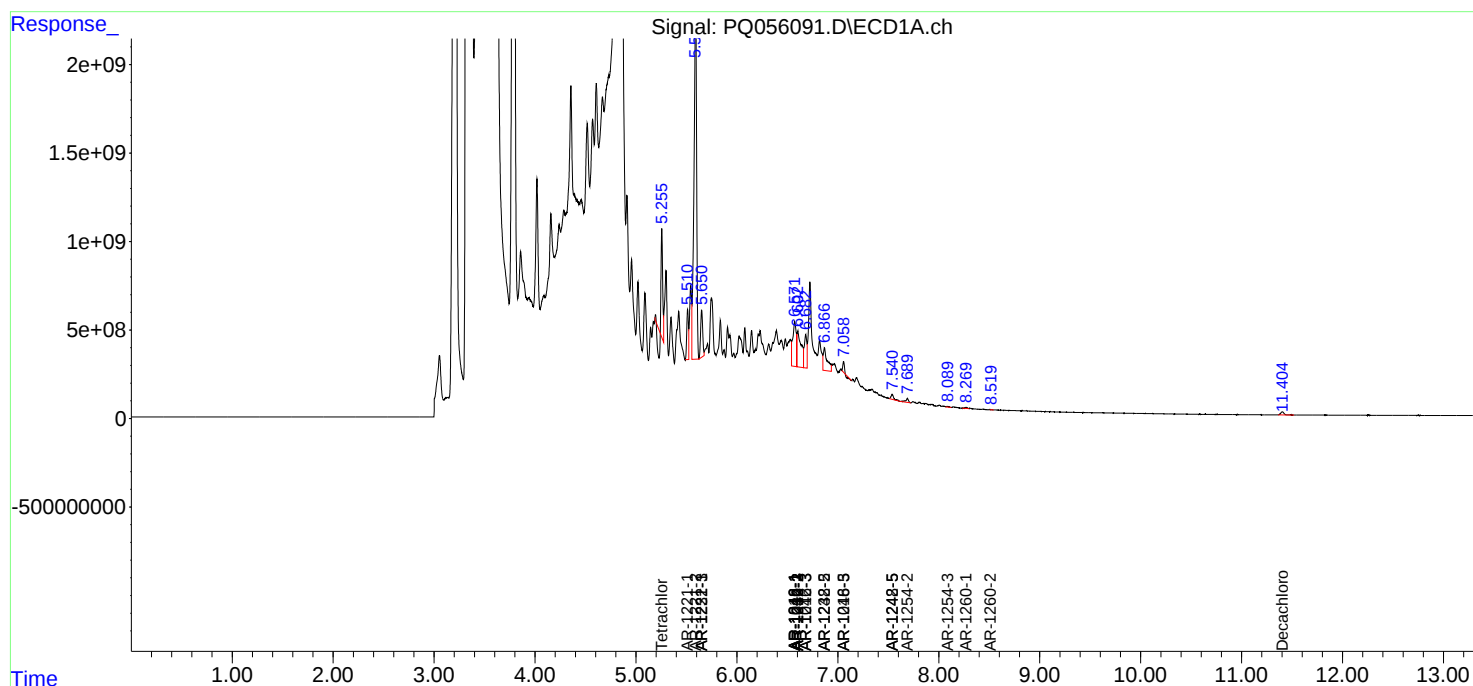
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

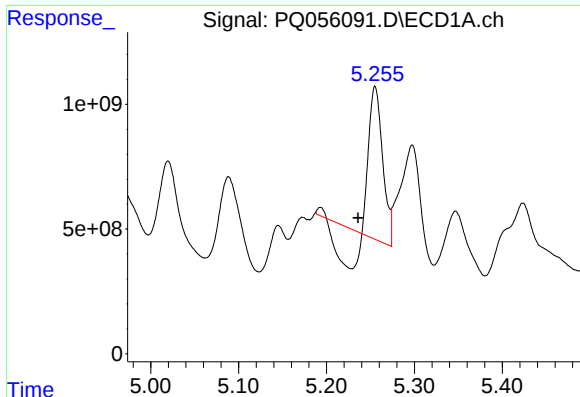
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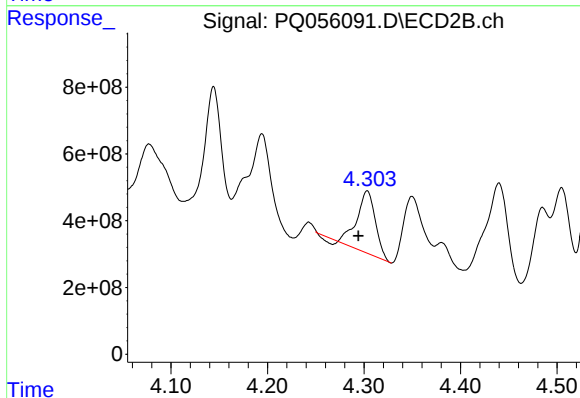




#1 Tetrachloro-m-xylene

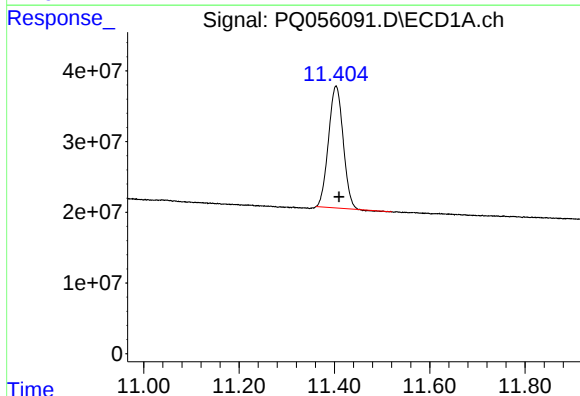
R.T.: 5.255 min
Delta R.T.: 0.019 min
Response: 4426292525
Conc: 326.81 ng/ml

Instrument :
ECD_Q
ClientSampleId :



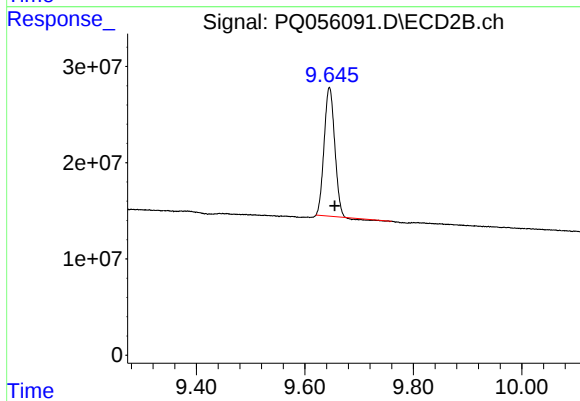
#1 Tetrachloro-m-xylene

R.T.: 4.303 min
Delta R.T.: 0.009 min
Response: 2443423822
Conc: 217.31 ng/ml



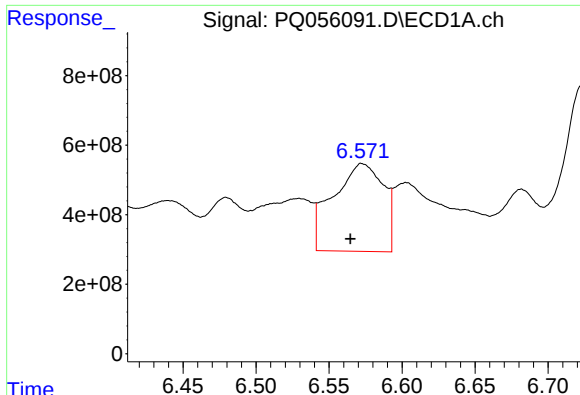
#2 Decachlorobiphenyl

R.T.: 11.403 min
Delta R.T.: -0.007 min
Response: 365222694
Conc: 25.02 ng/ml



#2 Decachlorobiphenyl

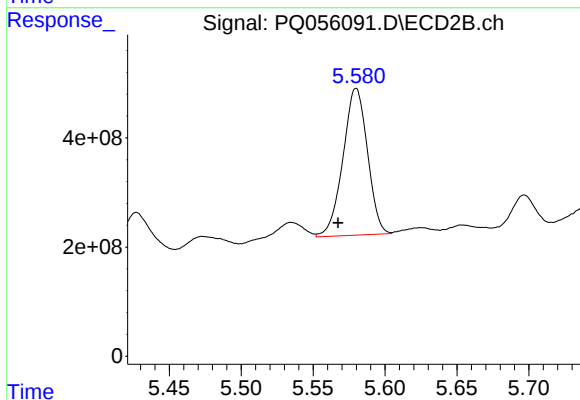
R.T.: 9.645 min
Delta R.T.: -0.010 min
Response: 177642363
Conc: 22.27 ng/ml



#3 AR-1016-1

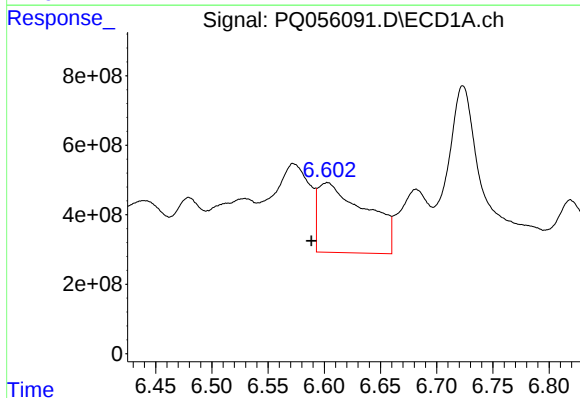
R.T.: 6.573 min
Delta R.T.: 0.008 min
Response: 6057709661
Conc: 17322.71 ng/ml

Instrument :
ECD_Q
ClientSampleId :



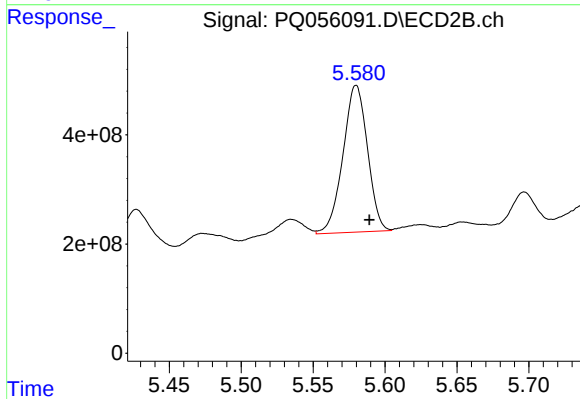
#3 AR-1016-1

R.T.: 5.580 min
Delta R.T.: 0.012 min
Response: 3204367872
Conc: 10434.67 ng/ml



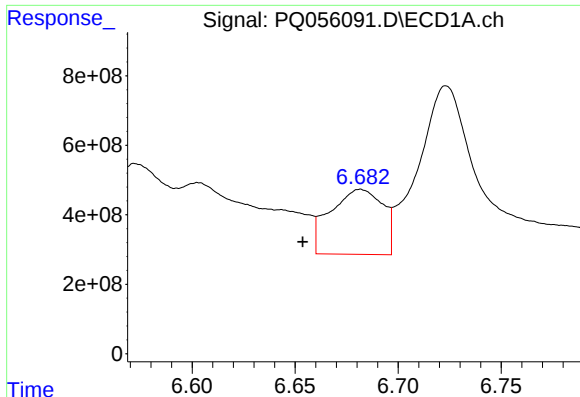
#4 AR-1016-2

R.T.: 6.602 min
Delta R.T.: 0.014 min
Response: 6007844720
Conc: 8836.85 ng/ml



#4 AR-1016-2

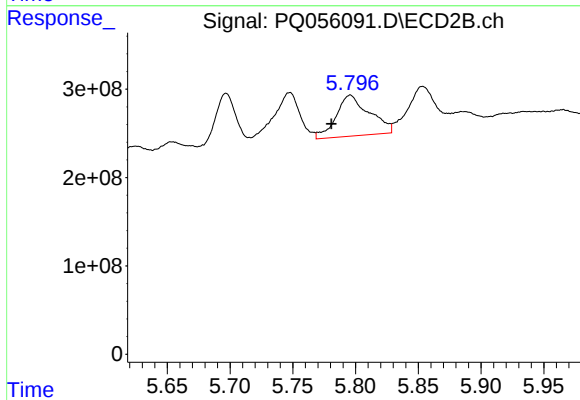
R.T.: 5.580 min
Delta R.T.: -0.009 min
Response: 3204367872
Conc: 5144.40 ng/ml



#5 AR-1016-3

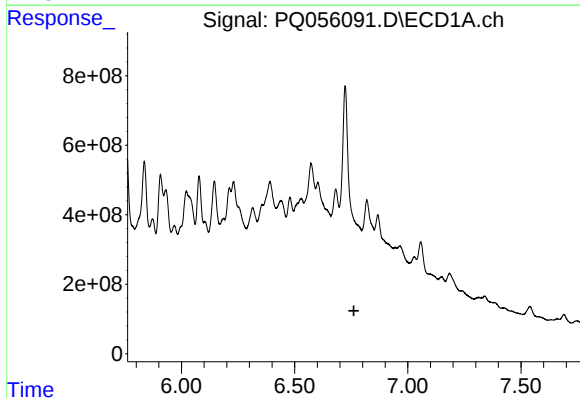
R.T.: 6.682 min
Delta R.T.: 0.028 min
Response: 3323702482
Conc: 7310.25 ng/ml

Instrument :
ECD_Q
ClientSampleId :



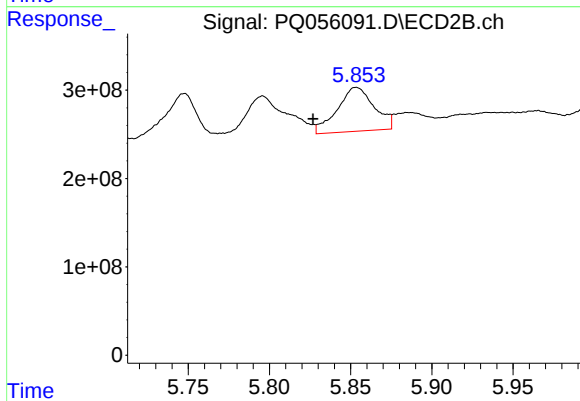
#5 AR-1016-3

R.T.: 5.796 min
Delta R.T.: 0.015 min
Response: 853300007
Conc: 3126.28 ng/ml



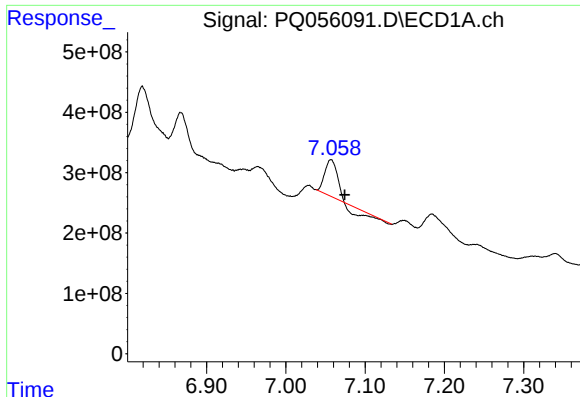
#6 AR-1016-4

R.T.: 0.000 min
Exp R.T. : 6.762 min
Response: 0
Conc: N.D.



#6 AR-1016-4

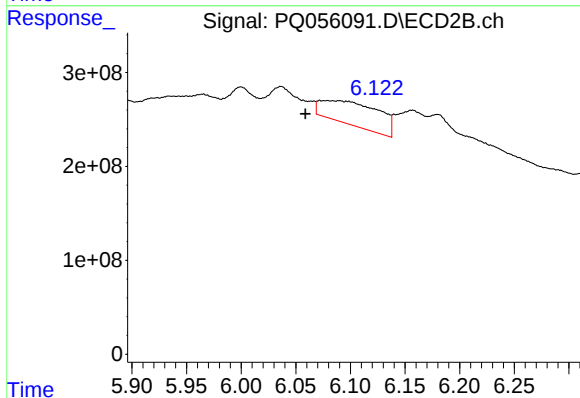
R.T.: 5.853 min
Delta R.T.: 0.027 min
Response: 785913685
Conc: 3114.50 ng/ml



#7 AR-1016-5

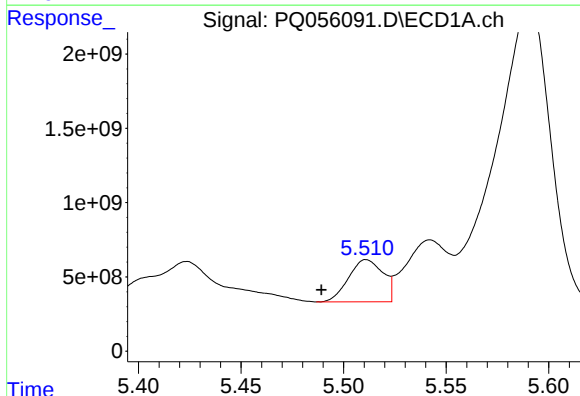
R.T.: 7.057 min
Delta R.T.: -0.017 min
Response: 485709514
Conc: 1658.80 ng/ml

Instrument :
ECD_Q
ClientSampleId :



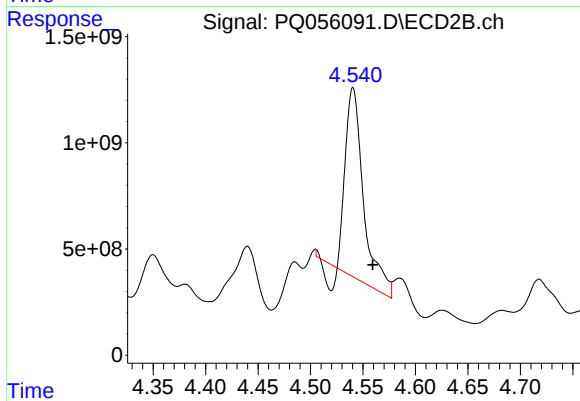
#7 AR-1016-5

R.T.: 6.072 min
Delta R.T.: 0.013 min
Response: 920997999
Conc: 3145.86 ng/ml



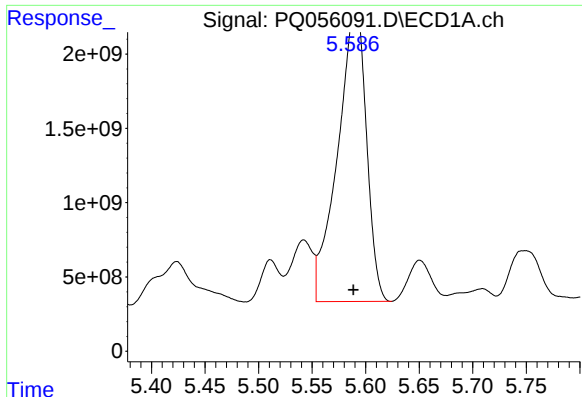
#8 AR-1221-1

R.T.: 5.511 min
Delta R.T.: 0.022 min
Response: 3304124438
Conc: 23152.18 ng/ml



#8 AR-1221-1

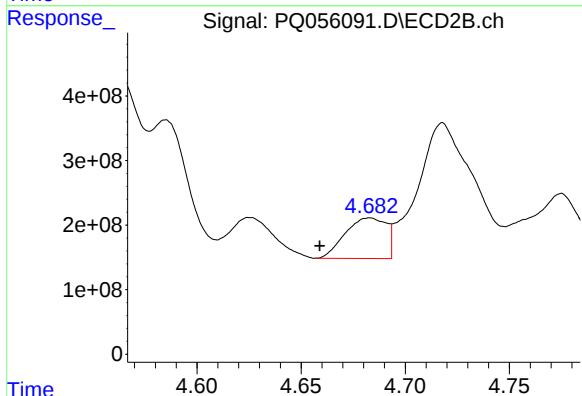
R.T.: 4.541 min
Delta R.T.: -0.019 min
Response: 10235117816
Conc: 90379.84 ng/ml



#9 AR-1221-2

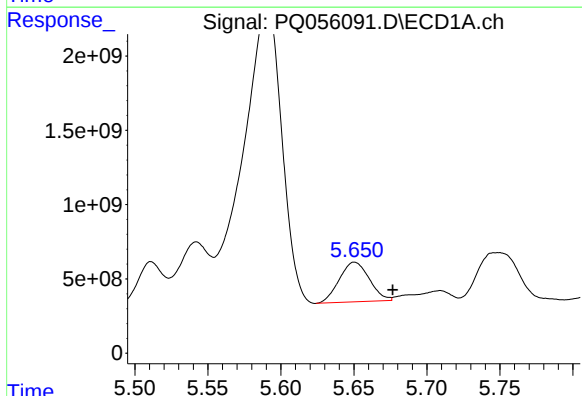
R.T.: 5.590 min
Delta R.T.: 0.002 min
Response: 36079701091
Conc: 328909.72 ng

Instrument :
ECD_Q
ClientSampleId :



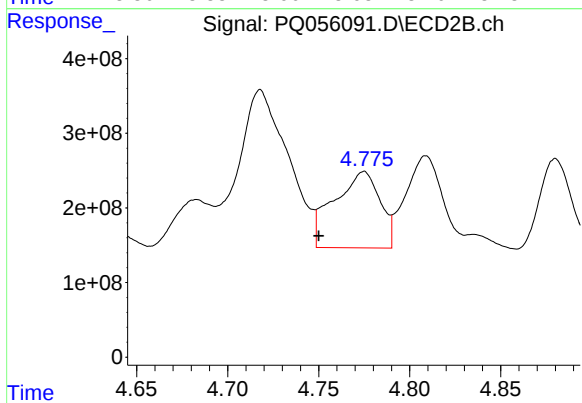
#9 AR-1221-2

R.T.: 4.683 min
Delta R.T.: 0.024 min
Response: 863449936
Conc: 9865.30 ng/ml



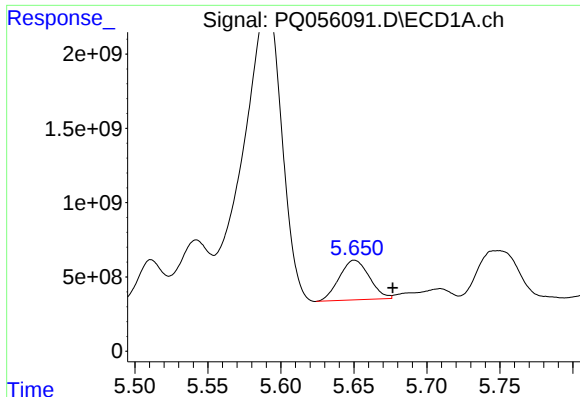
#10 AR-1221-3

R.T.: 5.651 min
Delta R.T.: -0.026 min
Response: 3813369108
Conc: 11751.23 ng/ml



#10 AR-1221-3

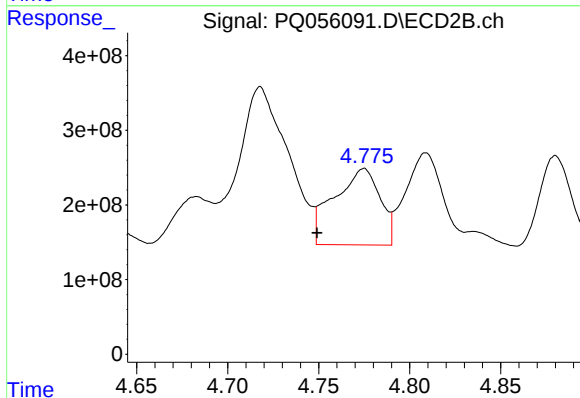
R.T.: 4.775 min
Delta R.T.: 0.025 min
Response: 1795316342
Conc: 6362.86 ng/ml



#11 AR-1232-1

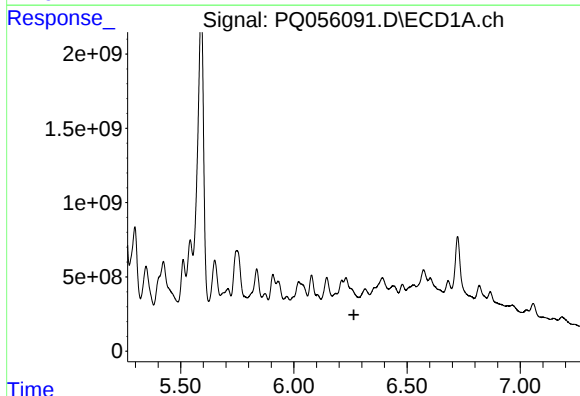
R.T.: 5.651 min
Delta R.T.: -0.026 min
Response: 3813369108
Conc: 14217.57 ng/ml

Instrument :
ECD_Q
ClientSampleId :



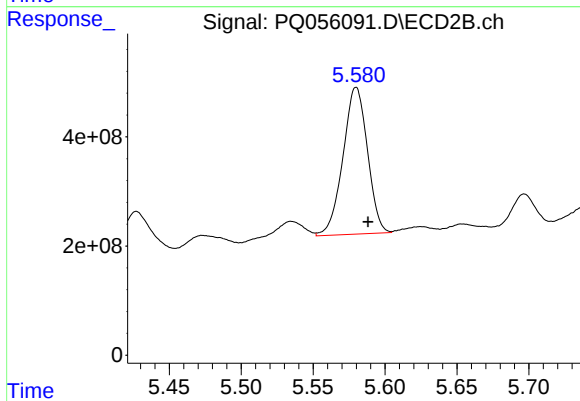
#11 AR-1232-1

R.T.: 4.775 min
Delta R.T.: 0.026 min
Response: 1795316342
Conc: 7810.46 ng/ml



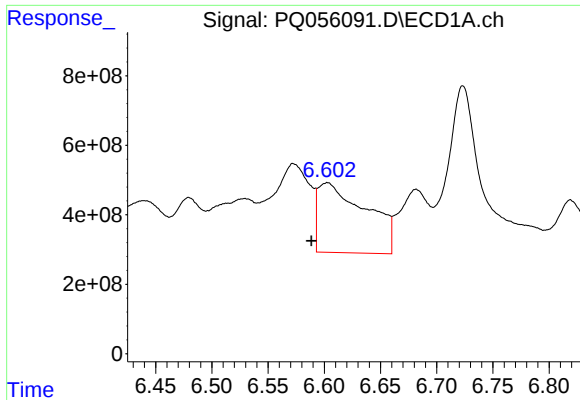
#12 AR-1232-2

R.T.: 0.000 min
Exp R.T. : 6.265 min
Response: 0
Conc: N.D.



#12 AR-1232-2

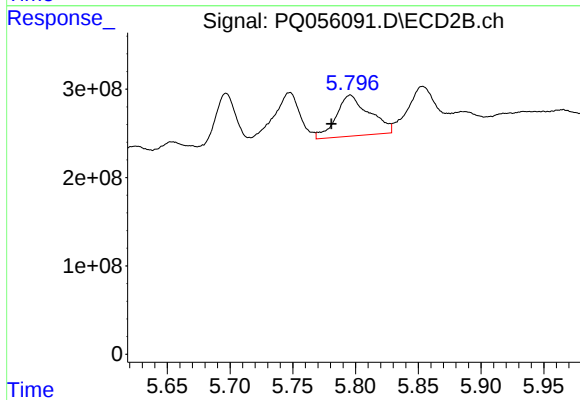
R.T.: 5.580 min
Delta R.T.: -0.008 min
Response: 3204367872
Conc: 13177.63 ng/ml



#13 AR-1232-3

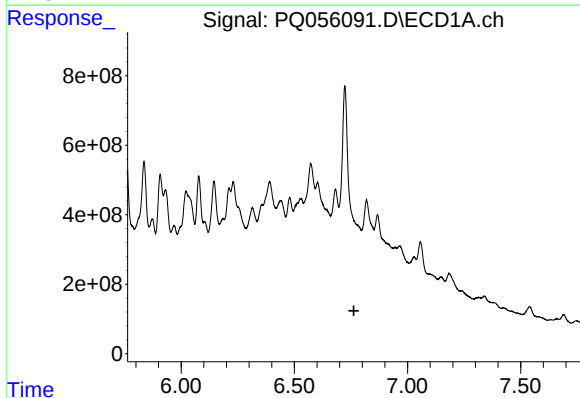
R.T.: 6.602 min
Delta R.T.: 0.014 min
Response: 6007844720
Conc: 21621.23 ng/ml

Instrument :
ECD_Q
ClientSampleId :



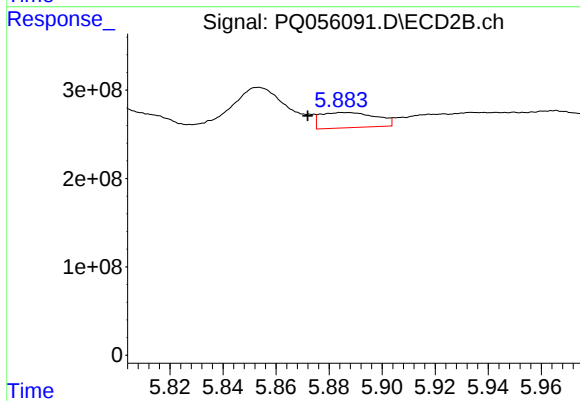
#13 AR-1232-3

R.T.: 5.796 min
Delta R.T.: 0.015 min
Response: 853300007
Conc: 8214.99 ng/ml



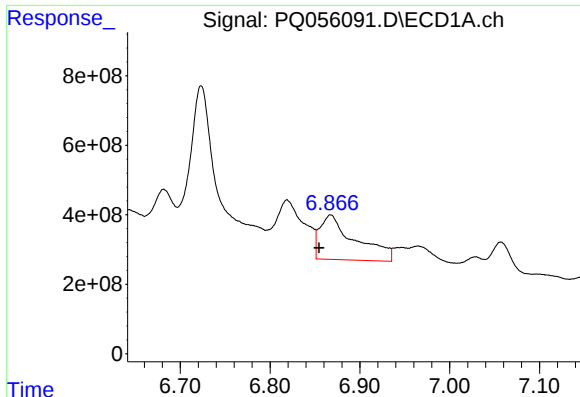
#14 AR-1232-4

R.T.: 0.000 min
Exp R.T. : 6.763 min
Response: 0
Conc: N.D.



#14 AR-1232-4

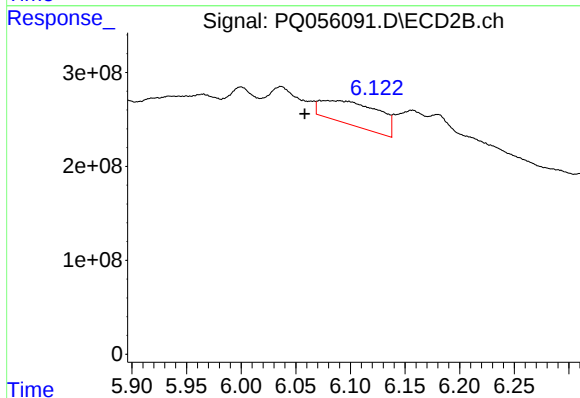
R.T.: 5.886 min
Delta R.T.: 0.014 min
Response: 250988818
Conc: 2417.92 ng/ml



#15 AR-1232-5

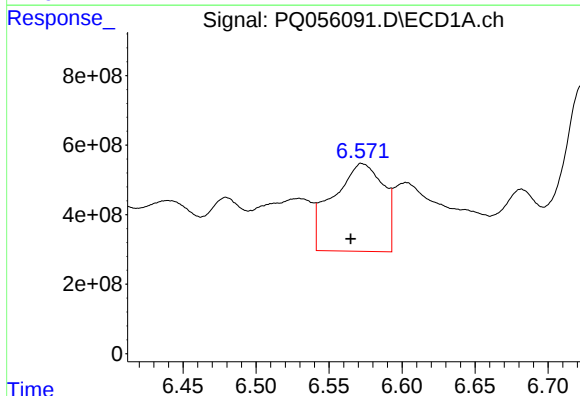
R.T.: 6.867 min
Delta R.T.: 0.013 min
Response: 3513894258
Conc: 37162.46 ng/ml

Instrument :
ECD_Q
ClientSampleId :



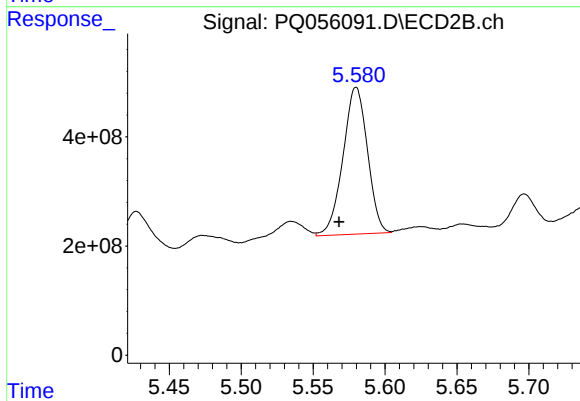
#15 AR-1232-5

R.T.: 6.072 min
Delta R.T.: 0.014 min
Response: 920997999
Conc: 8397.50 ng/ml



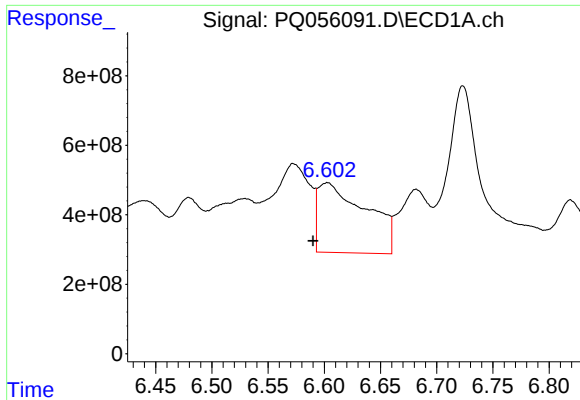
#16 AR-1242-1

R.T.: 6.573 min
Delta R.T.: 0.008 min
Response: 6057709661
Conc: 22451.23 ng/ml



#16 AR-1242-1

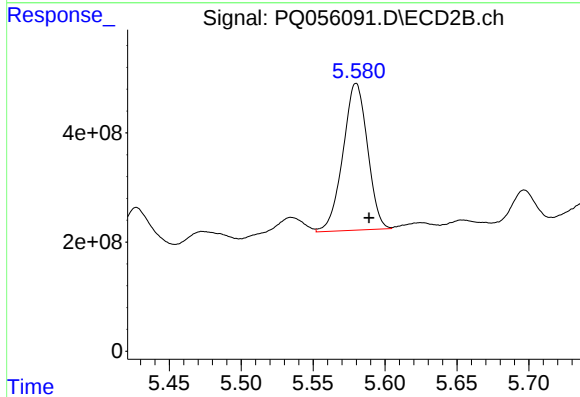
R.T.: 5.580 min
Delta R.T.: 0.012 min
Response: 3204367872
Conc: 13844.42 ng/ml



#17 AR-1242-2

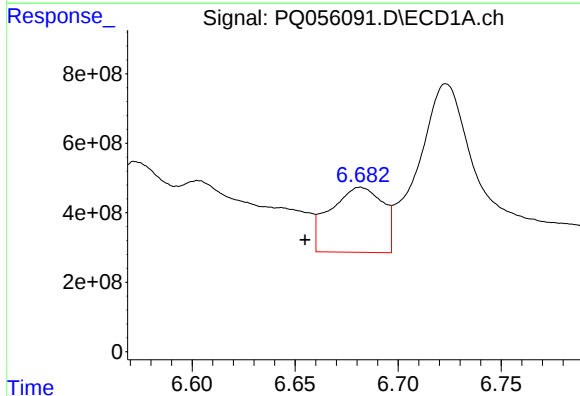
R.T.: 6.602 min
Delta R.T.: 0.012 min
Response: 6007844720
Conc: 11478.17 ng/ml

Instrument :
ECD_Q
ClientSampleId :



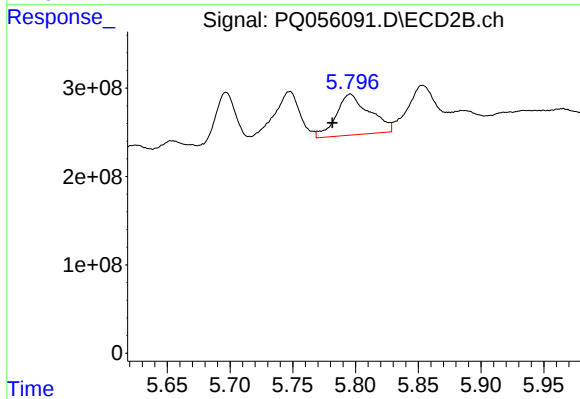
#17 AR-1242-2

R.T.: 5.580 min
Delta R.T.: -0.009 min
Response: 3204367872
Conc: 6805.37 ng/ml



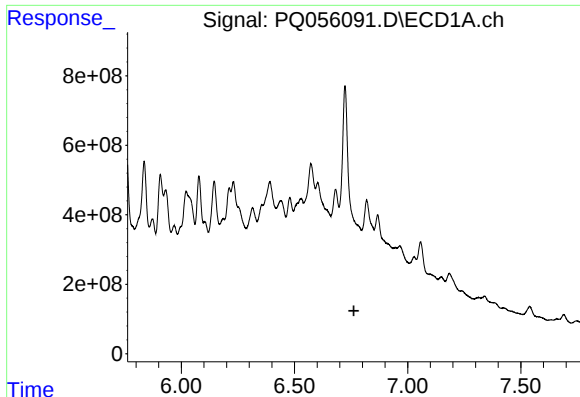
#18 AR-1242-3

R.T.: 6.682 min
Delta R.T.: 0.027 min
Response: 3323702482
Conc: 9190.59 ng/ml



#18 AR-1242-3

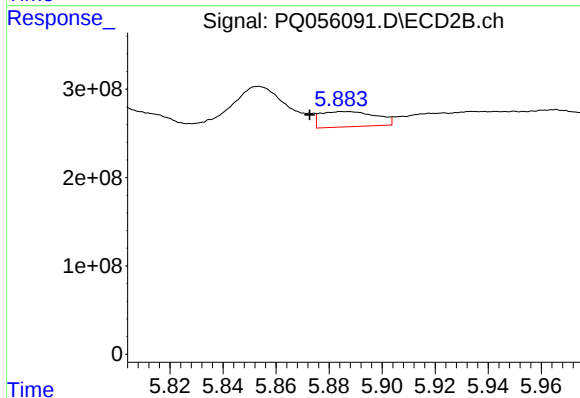
R.T.: 5.796 min
Delta R.T.: 0.014 min
Response: 853300007
Conc: 4109.01 ng/ml



#19 AR-1242-4

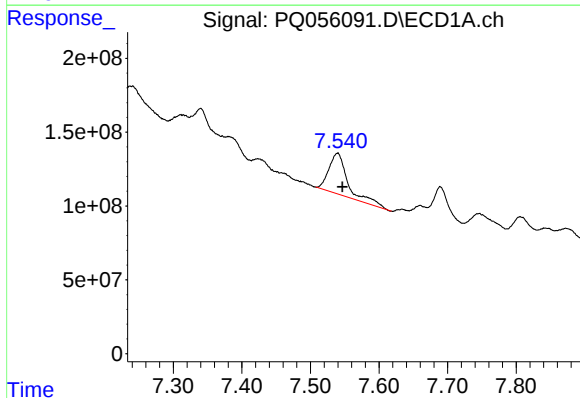
R.T.: 0.000 min
Exp R.T.: 6.763 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



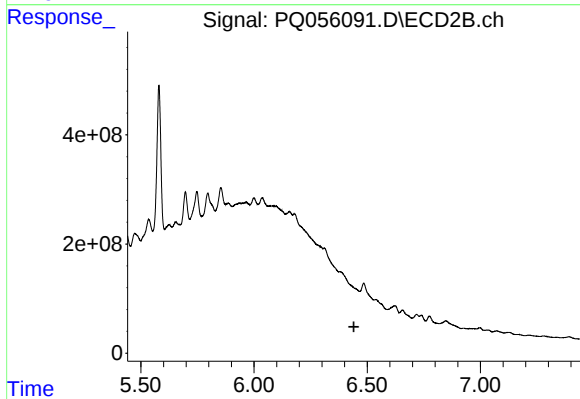
#19 AR-1242-4

R.T.: 5.886 min
Delta R.T.: 0.013 min
Response: 250988818
Conc: 1125.15 ng/ml



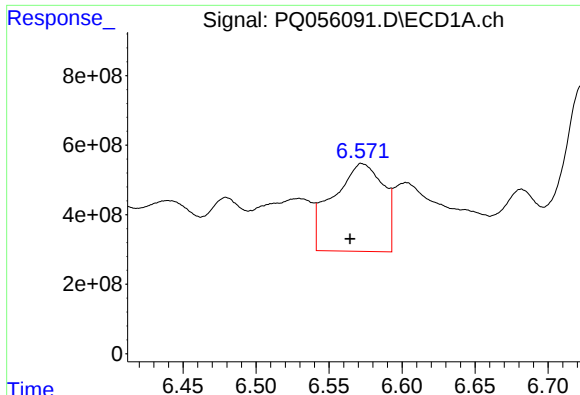
#20 AR-1242-5

R.T.: 7.539 min
Delta R.T.: -0.007 min
Response: 358540226
Conc: 1352.45 ng/ml



#20 AR-1242-5

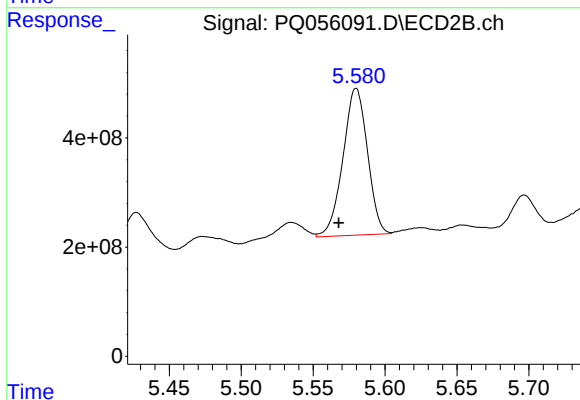
R.T.: 0.000 min
Exp R.T.: 6.441 min
Response: 0
Conc: N.D.



#21 AR-1248-1

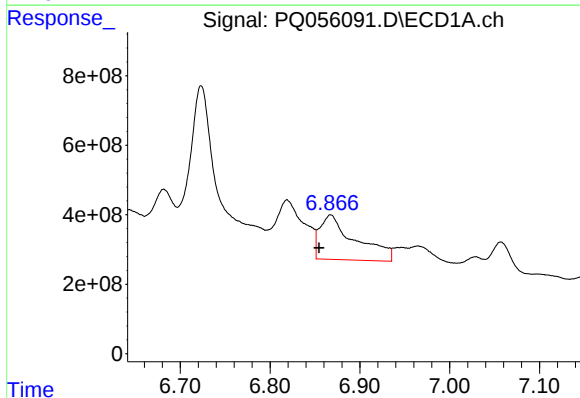
R.T.: 6.573 min
Delta R.T.: 0.009 min
Response: 6057709661
Conc: 28929.29 ng/ml

Instrument :
ECD_Q
ClientSampleId :



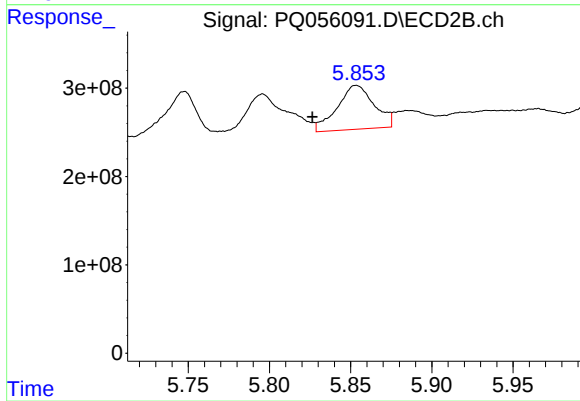
#21 AR-1248-1

R.T.: 5.580 min
Delta R.T.: 0.012 min
Response: 3204367872
Conc: 18537.35 ng/ml



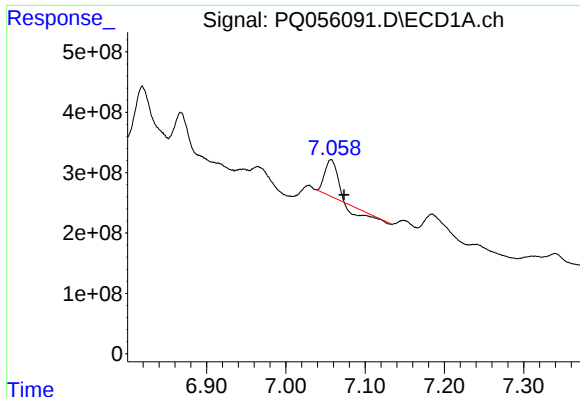
#22 AR-1248-2

R.T.: 6.867 min
Delta R.T.: 0.013 min
Response: 3513894258
Conc: 10974.58 ng/ml



#22 AR-1248-2

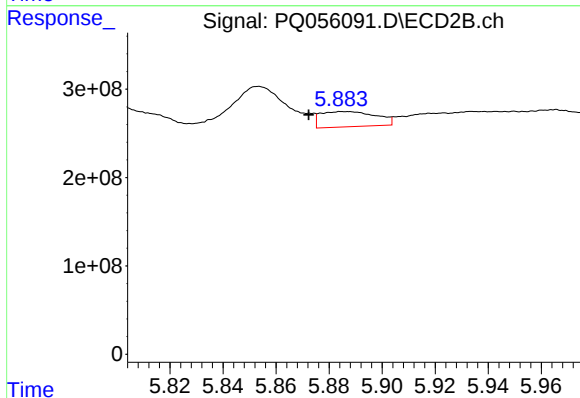
R.T.: 5.853 min
Delta R.T.: 0.027 min
Response: 785913685
Conc: 2463.64 ng/ml



#23 AR-1248-3

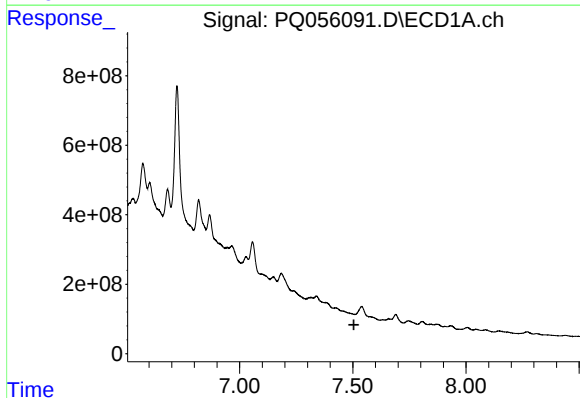
R.T.: 7.057 min
Delta R.T.: -0.016 min
Response: 485709514
Conc: 1283.80 ng/ml

Instrument :
ECD_Q
ClientSampleId :



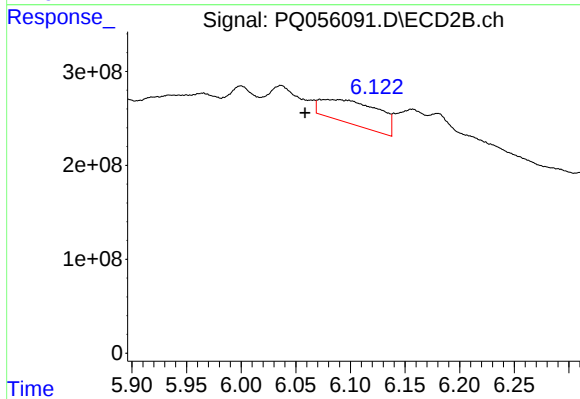
#23 AR-1248-3

R.T.: 5.886 min
Delta R.T.: 0.013 min
Response: 250988818
Conc: 766.69 ng/ml



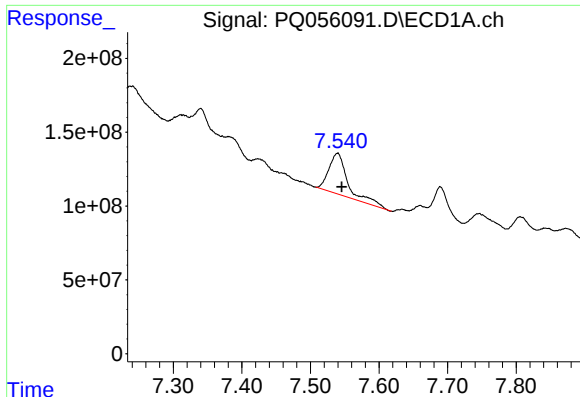
#24 AR-1248-4

R.T.: 0.000 min
Exp R.T. : 7.505 min
Response: 0
Conc: N.D.



#24 AR-1248-4

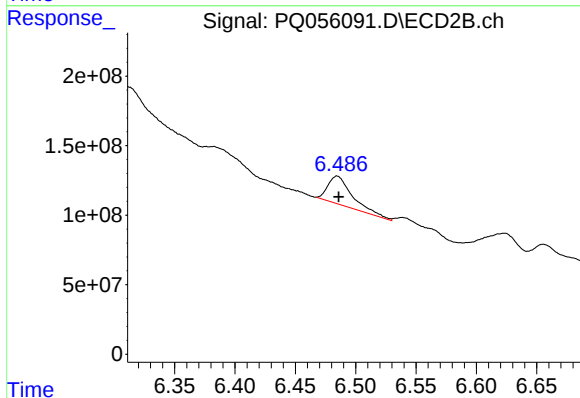
R.T.: 6.072 min
Delta R.T.: 0.014 min
Response: 920997999
Conc: 2441.65 ng/ml



#25 AR-1248-5

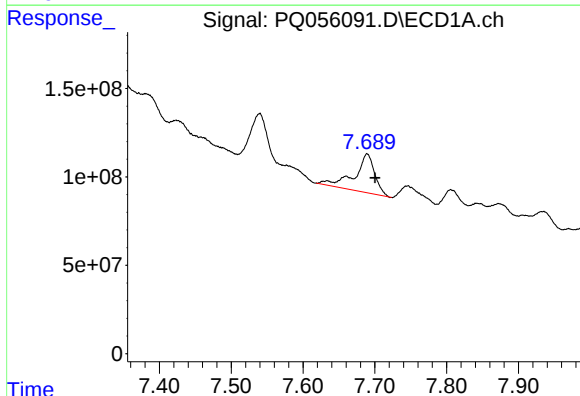
R.T.: 7.539 min
Delta R.T.: -0.007 min
Response: 358540226
Conc: 778.67 ng/ml

Instrument :
ECD_Q
ClientSampleId :



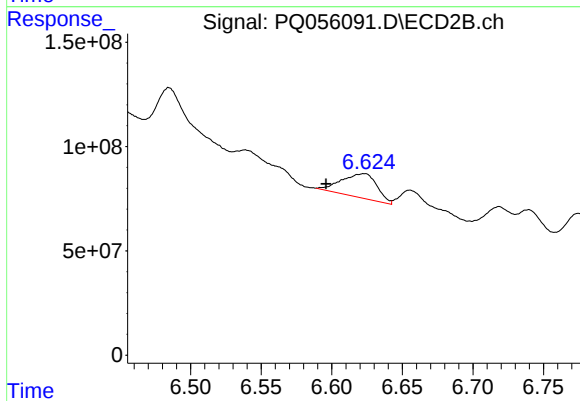
#25 AR-1248-5

R.T.: 6.485 min
Delta R.T.: -0.001 min
Response: 285709098
Conc: 777.11 ng/ml



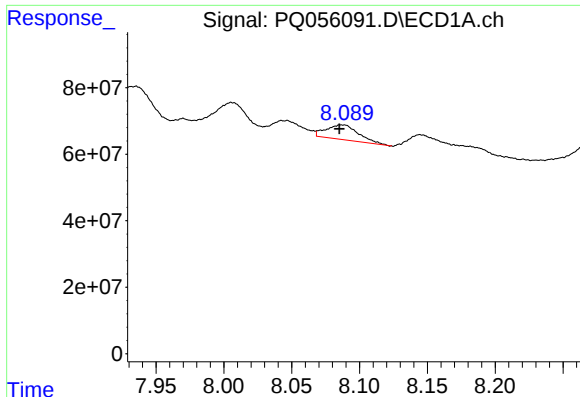
#27 AR-1254-2

R.T.: 7.689 min
Delta R.T.: -0.011 min
Response: 431549703
Conc: 666.07 ng/ml



#27 AR-1254-2

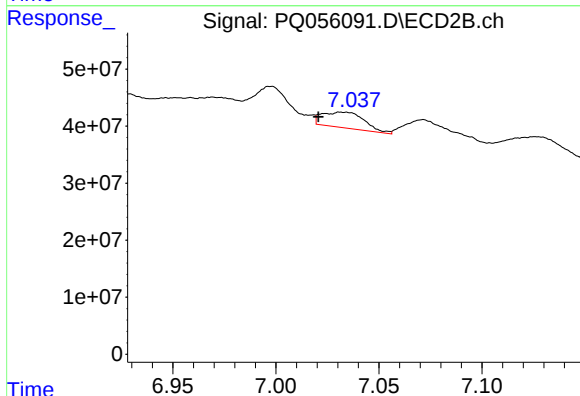
R.T.: 6.623 min
Delta R.T.: 0.027 min
Response: 200409395
Conc: 370.08 ng/ml



#28 AR-1254-3

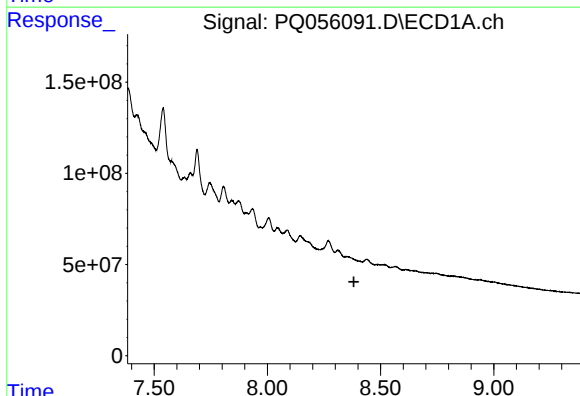
R.T.: 8.087 min
Delta R.T.: 0.002 min
Response: 73991510
Conc: 94.61 ng/ml

Instrument :
ECD_Q
ClientSampleId :



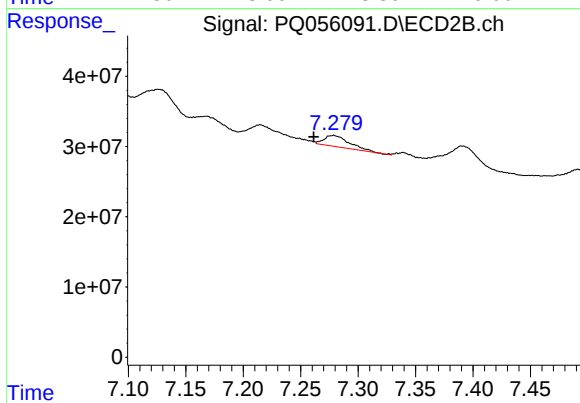
#28 AR-1254-3

R.T.: 7.032 min
Delta R.T.: 0.012 min
Response: 39299050
Conc: 45.56 ng/ml



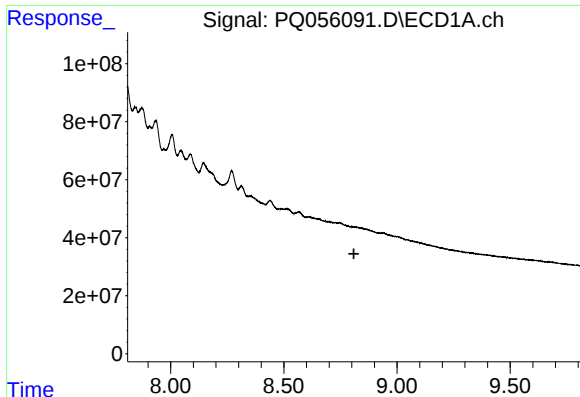
#29 AR-1254-4

R.T.: 0.000 min
Exp R.T. : 8.382 min
Response: 0
Conc: N.D.



#29 AR-1254-4

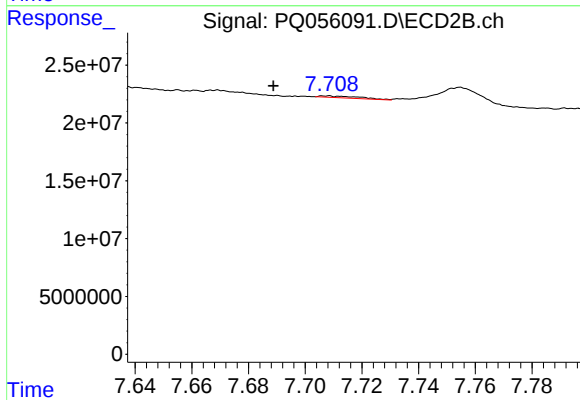
R.T.: 7.279 min
Delta R.T.: 0.017 min
Response: 24441041
Conc: 39.11 ng/ml



#30 AR-1254-5

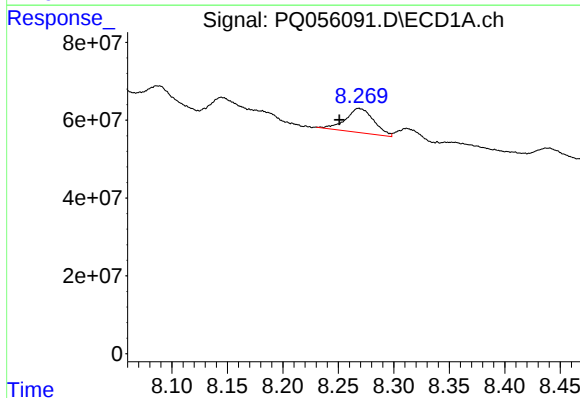
R.T.: 0.000 min
Exp R.T.: 8.809 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



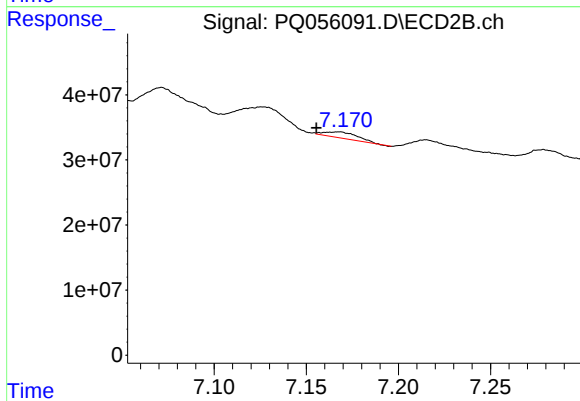
#30 AR-1254-5

R.T.: 7.707 min
Delta R.T.: 0.019 min
Response: 1525241
Conc: 2.01 ng/ml



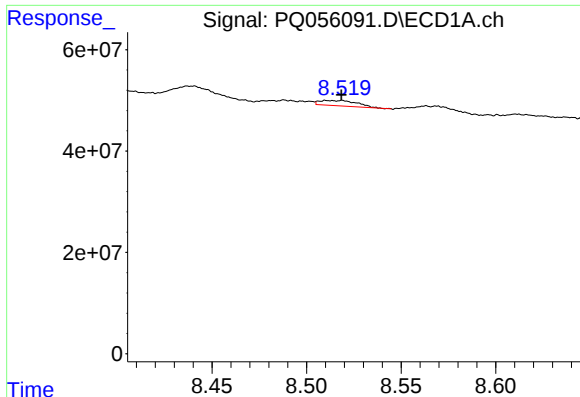
#31 AR-1260-1

R.T.: 8.269 min
Delta R.T.: 0.018 min
Response: 110192953
Conc: 229.27 ng/ml



#31 AR-1260-1

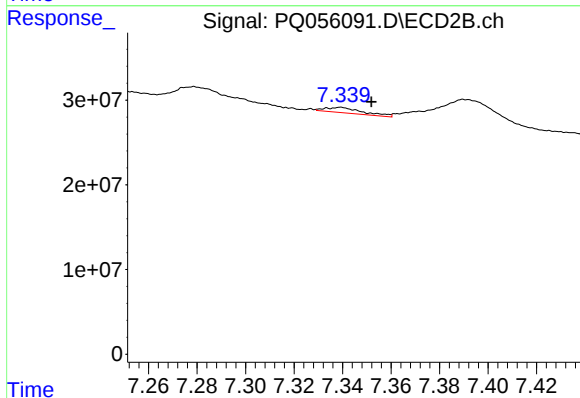
R.T.: 7.168 min
Delta R.T.: 0.012 min
Response: 11705757
Conc: 21.38 ng/ml



#32 AR-1260-2

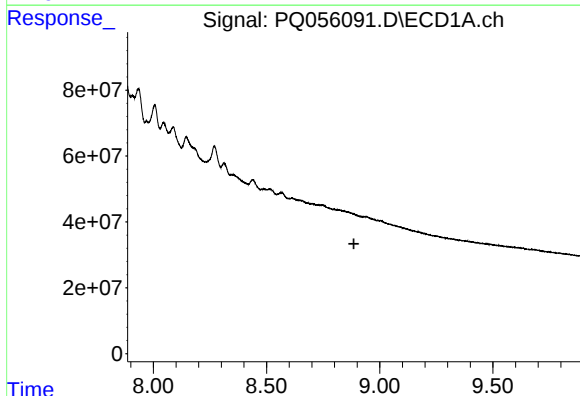
R.T.: 8.515 min
Delta R.T.: -0.004 min
Response: 14482313
Conc: 24.58 ng/ml

Instrument :
ECD_Q
ClientSampleId :



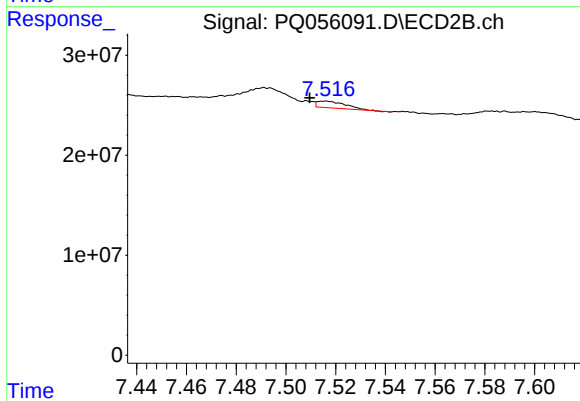
#32 AR-1260-2

R.T.: 7.339 min
Delta R.T.: -0.013 min
Response: 6627554
Conc: 9.98 ng/ml



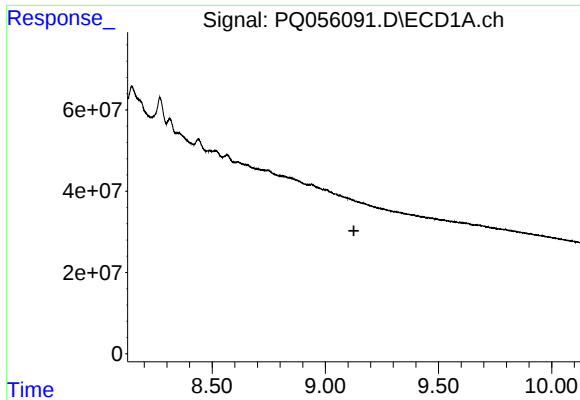
#33 AR-1260-3

R.T.: 0.000 min
Exp R.T. : 8.886 min
Response: 0
Conc: N.D.



#33 AR-1260-3

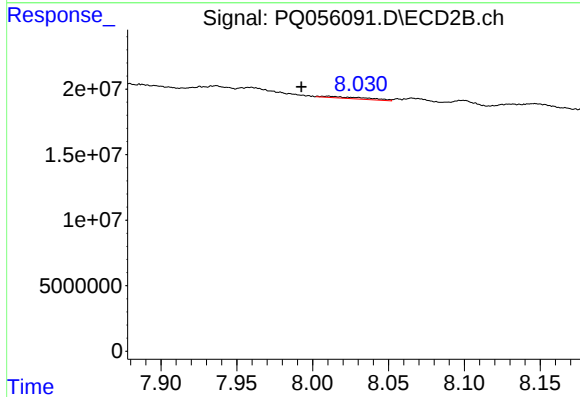
R.T.: 7.516 min
Delta R.T.: 0.006 min
Response: 5392835
Conc: 8.76 ng/ml



#34 AR-1260-4

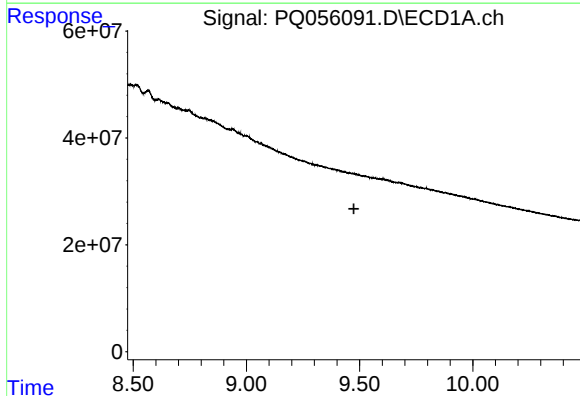
R.T.: 0.000 min
Exp R.T.: 9.126 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



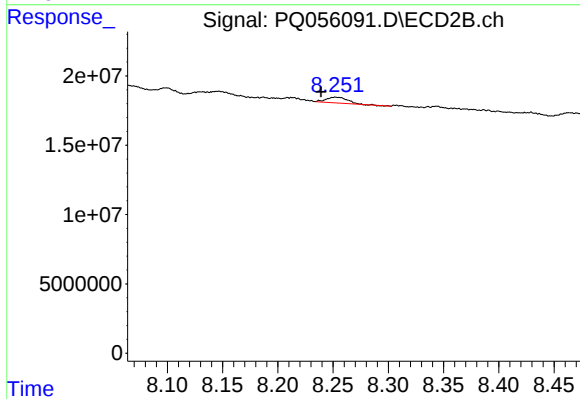
#34 AR-1260-4

R.T.: 8.010 min
Delta R.T.: 0.018 min
Response: 2603731
Conc: 5.15 ng/ml



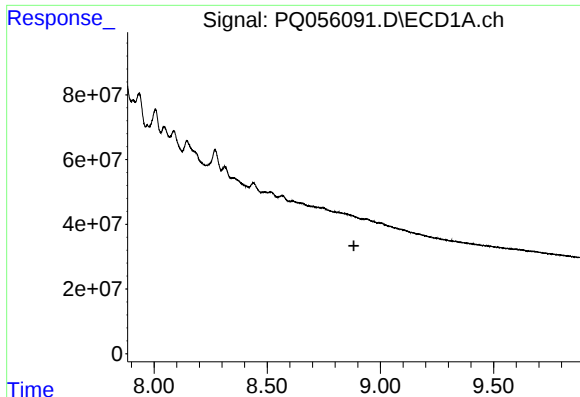
#35 AR-1260-5

R.T.: 0.000 min
Exp R.T.: 9.475 min
Response: 0
Conc: N.D.



#35 AR-1260-5

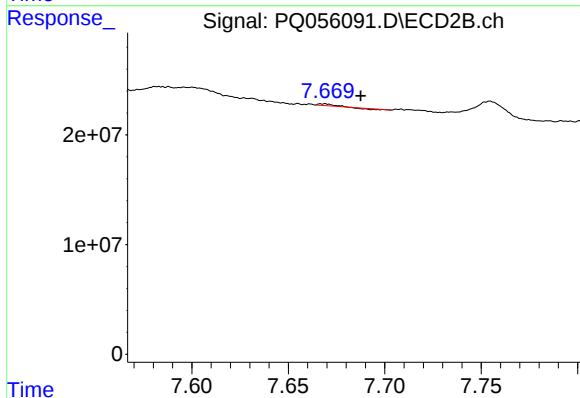
R.T.: 8.252 min
Delta R.T.: 0.013 min
Response: 5610499
Conc: 4.72 ng/ml



#36 AR-1262-1

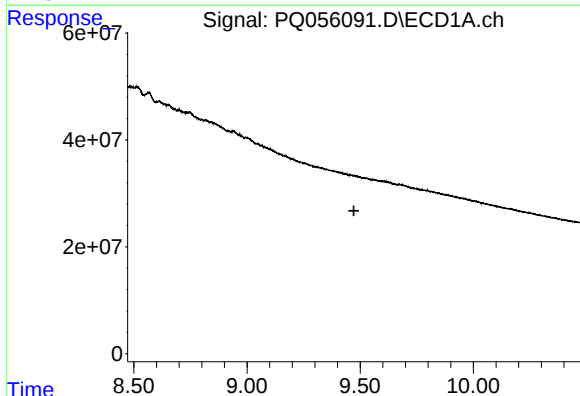
R.T.: 0.000 min
Exp R.T.: 8.883 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



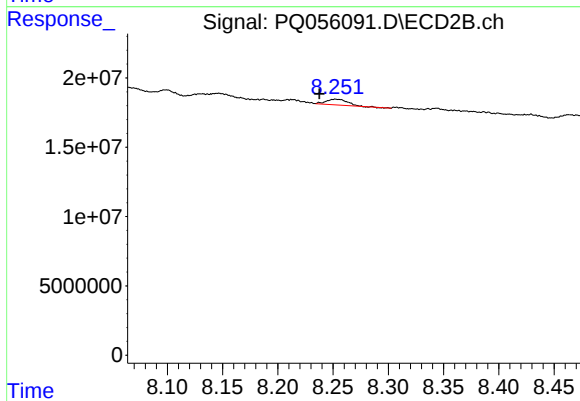
#36 AR-1262-1

R.T.: 7.669 min
Delta R.T.: -0.019 min
Response: 399727
Conc: 1.10 ng/ml



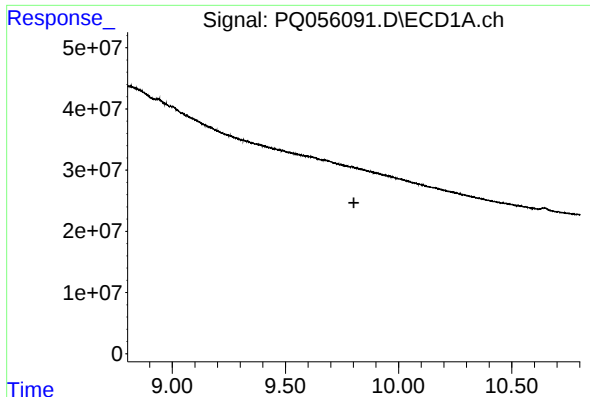
#37 AR-1262-2

R.T.: 0.000 min
Exp R.T.: 9.472 min
Response: 0
Conc: N.D.



#37 AR-1262-2

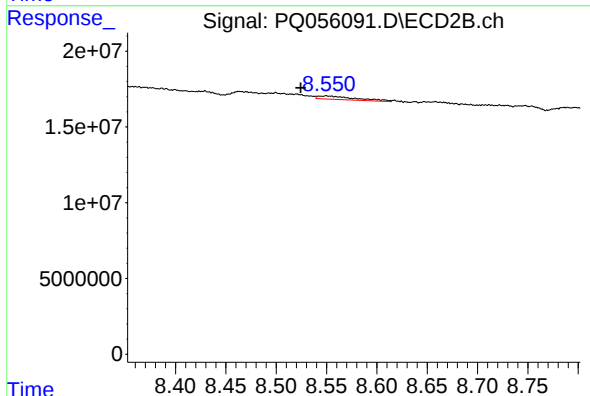
R.T.: 8.252 min
Delta R.T.: 0.015 min
Response: 5610499
Conc: 4.24 ng/ml



#38 AR-1262-3

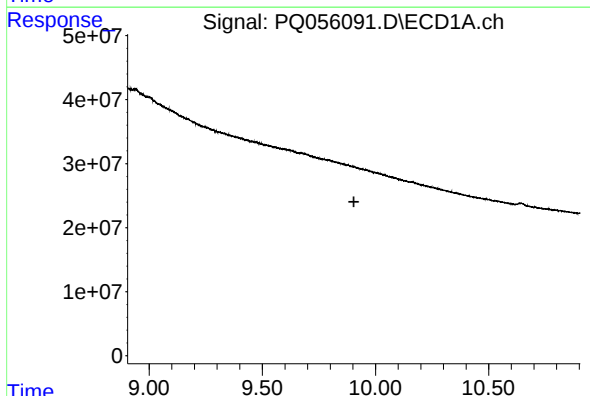
R.T.: 0.000 min
Exp R.T.: 9.803 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



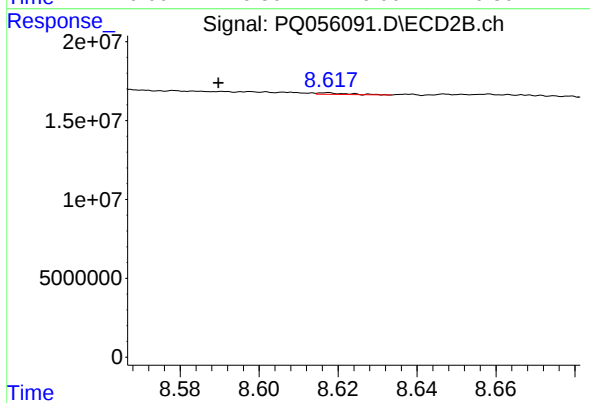
#38 AR-1262-3

R.T.: 8.550 min
Delta R.T.: 0.025 min
Response: 5974007
Conc: 12.07 ng/ml



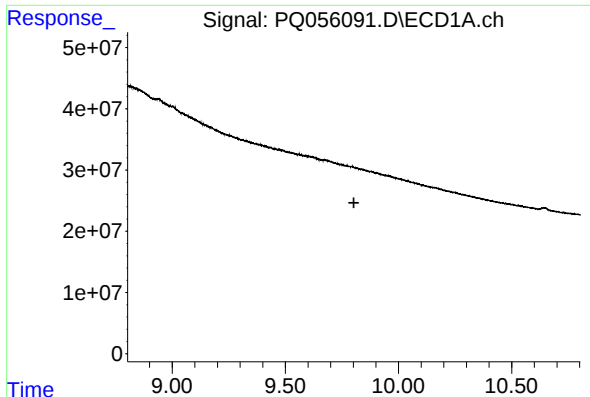
#39 AR-1262-4

R.T.: 0.000 min
Exp R.T.: 9.904 min
Response: 0
Conc: N.D.



#39 AR-1262-4

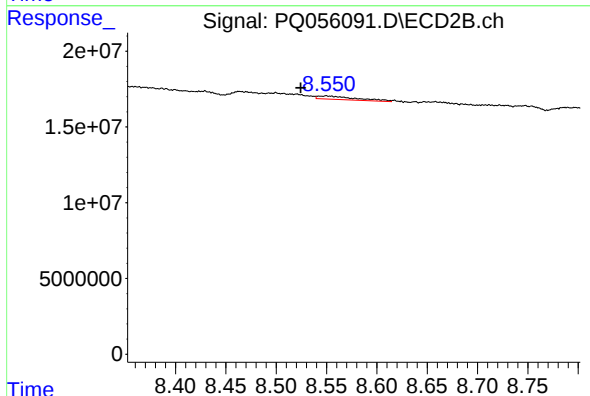
R.T.: 8.617 min
Delta R.T.: 0.027 min
Response: 497893
Conc: 0.54 ng/ml



#41 AR-1268-1

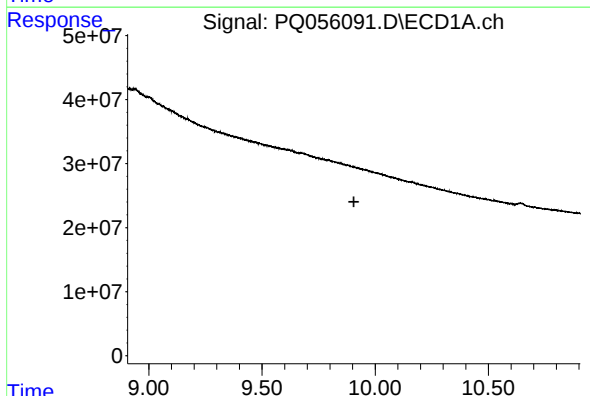
R.T.: 0.000 min
Exp R.T. : 9.803 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



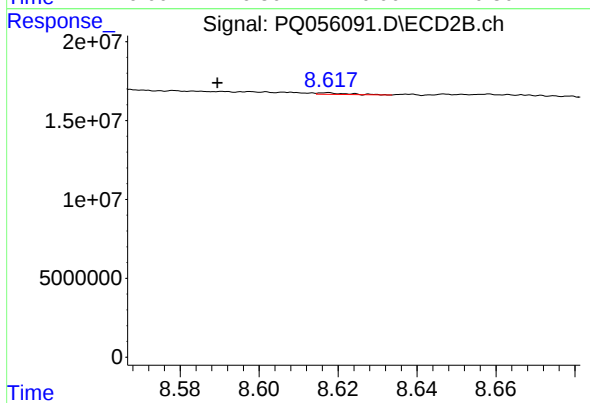
#41 AR-1268-1

R.T.: 8.550 min
Delta R.T.: 0.025 min
Response: 5974007
Conc: 4.08 ng/ml



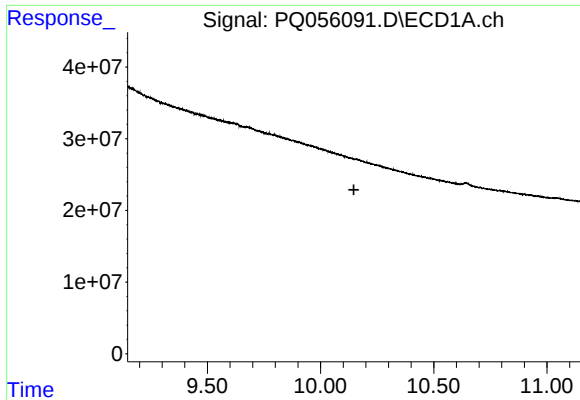
#42 AR-1268-2

R.T.: 0.000 min
Exp R.T. : 9.906 min
Response: 0
Conc: N.D.



#42 AR-1268-2

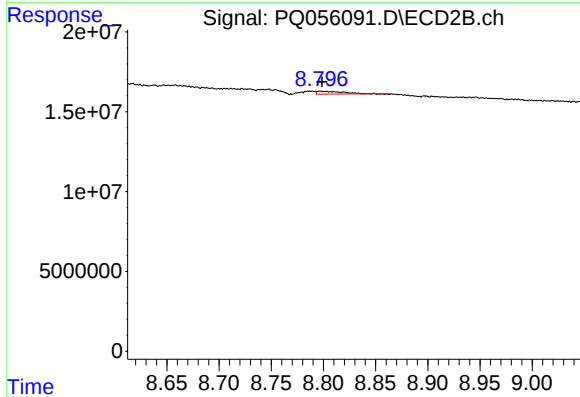
R.T.: 8.617 min
Delta R.T.: 0.027 min
Response: 497893
Conc: 0.38 ng/ml



#43 AR-1268-3

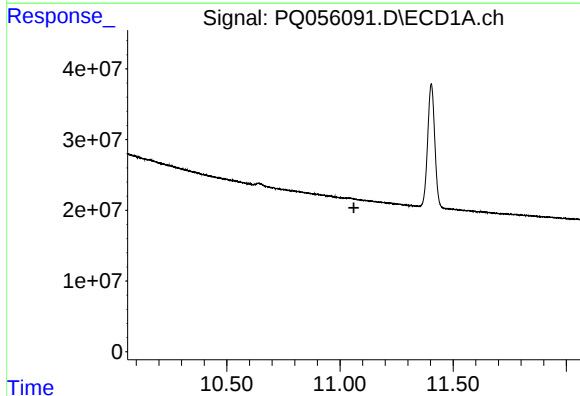
R.T.: 0.000 min
Exp R.T.: 10.147 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



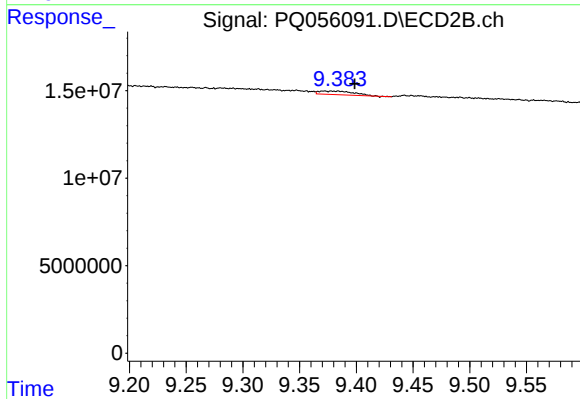
#43 AR-1268-3

R.T.: 8.797 min
Delta R.T.: -0.002 min
Response: 2887464
Conc: 2.61 ng/ml



#45 AR-1268-5

R.T.: 11.039 min
Delta R.T.: -0.023 min
Response: -2873652
Conc: N.D.



#45 AR-1268-5

R.T.: 9.384 min
Delta R.T.: -0.015 min
Response: 4332215
Conc: 1.31 ng/ml