

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ120621\
 Data File : PQ055304.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 06 Dec 2021 15:47
 Operator : AJ\MA
 Sample : PB141183BL
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 06 23:21:32 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ112921.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Nov 30 02:09:05 2021
 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...	5.245	4.316	391.7E6	248.9E6	22.281	24.202
2)	SA Decachlor...	11.437	9.715	376.9E6	214.7E6	23.895	23.977
Target Compounds							
3)	L1 AR-1016-1	6.571	5.620f	5421815	5904720	9.195	16.471 #
4)	L1 AR-1016-2	6.571f	5.620	5421815	5904720	6.031	11.469 #
5)	L1 AR-1016-3	0.000	5.782f	0	2963500	N.D.	11.066 #
6)	L1 AR-1016-4	0.000	5.884f	0	437029	N.D.	2.015 #
7)	L1 AR-1016-5	7.087	6.110f	11728666	-39459	26.908	N.D. #
8)	L2 AR-1221-1	0.000	4.569	0	85351	N.D.	0.791 #
9)	L2 AR-1221-2	5.598	4.676	7390267	3252153	42.235	41.966
10)	L2 AR-1221-3	0.000	4.767	0	664450	N.D.	2.580 #
11)	L3 AR-1232-1	0.000	4.767	0	664450	N.D.	3.057 #
12)	L3 AR-1232-2	0.000	5.620	0	5904720	N.D.	28.027 #
13)	L3 AR-1232-3	6.571f	5.782f	5421815	2963500	14.235	27.002 #
14)	L3 AR-1232-4	0.000	5.892f	0	45179	N.D.	0.465 #
16)	L4 AR-1242-1	6.571	5.620f	5421815	5904720	12.400	22.165 #
17)	L4 AR-1242-2	6.571f	5.620	5421815	5904720	8.075	15.245 #
18)	L4 AR-1242-3	0.000	5.782f	0	2963500	N.D.	14.696 #
19)	L4 AR-1242-4	0.000	5.892f	0	45179	N.D.	0.231 #
20)	L4 AR-1242-5	0.000	6.496f	0	1458239	N.D.	5.783 #
21)	L5 AR-1248-1	6.571	5.620f	5421815	5904720	15.942	29.501 #
22)	L5 AR-1248-2	0.000	5.884f	0	437029	N.D.	1.554 #
23)	L5 AR-1248-3	7.087	5.892f	11728666	45179	21.748	0.154 #
24)	L5 AR-1248-4	7.520	6.110f	8301925	-39459	13.681	N.D. #
25)	L5 AR-1248-5	0.000	6.496f	0	1458239	N.D.	4.191 #
26)	L6 AR-1254-1	0.000	6.496f	0	1458239	N.D.	2.636 #
27)	L6 AR-1254-2	0.000	6.632	0	607480	N.D.	1.284 #
28)	L6 AR-1254-3	8.113f	0.000	3696672	0	3.632	N.D. #
29)	L6 AR-1254-4	0.000	7.315f	0	401418	N.D.	0.841 #
30)	L6 AR-1254-5	8.801f	7.721	3430523	1346896	4.226	2.014 #
31)	L7 AR-1260-1	0.000	7.185	0	354866	N.D.	0.708 #
32)	L7 AR-1260-2	8.525	7.378	5257442	1867235	6.335	3.088 #
33)	L7 AR-1260-3	0.000	7.531f	0	907221	N.D.	1.588 #
34)	L7 AR-1260-4	0.000	8.055f	0	4121766	N.D.	8.699 #
35)	L7 AR-1260-5	0.000	8.269	0	2395098	N.D.	2.074 #
36)	L8 AR-1262-1	0.000	7.721	0	1346896	N.D.	3.960 #
37)	L8 AR-1262-2	0.000	8.269	0	2395098	N.D.	1.943 #
38)	L8 AR-1262-3	0.000	8.557f	0	918654	N.D.	1.988 #
39)	L8 AR-1262-4	0.000	8.651	0	316878	N.D.	0.355 #
40)	L8 AR-1262-5	0.000	9.143	0	417494	N.D.	1.040 #
41)	L9 AR-1268-1	0.000	8.557f	0	918654	N.D.	0.649 #
42)	L9 AR-1268-2	0.000	8.651	0	316878	N.D.	0.243 #

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
43) L9	AR-1268-3	0.000	8.868f	0	175742	N.D.	0.161 #
44) L9	AR-1268-4	0.000	9.143	0	417494	N.D.	0.924 #
45) L9	AR-1268-5	0.000	9.445	0	1119309	N.D.	0.317 #

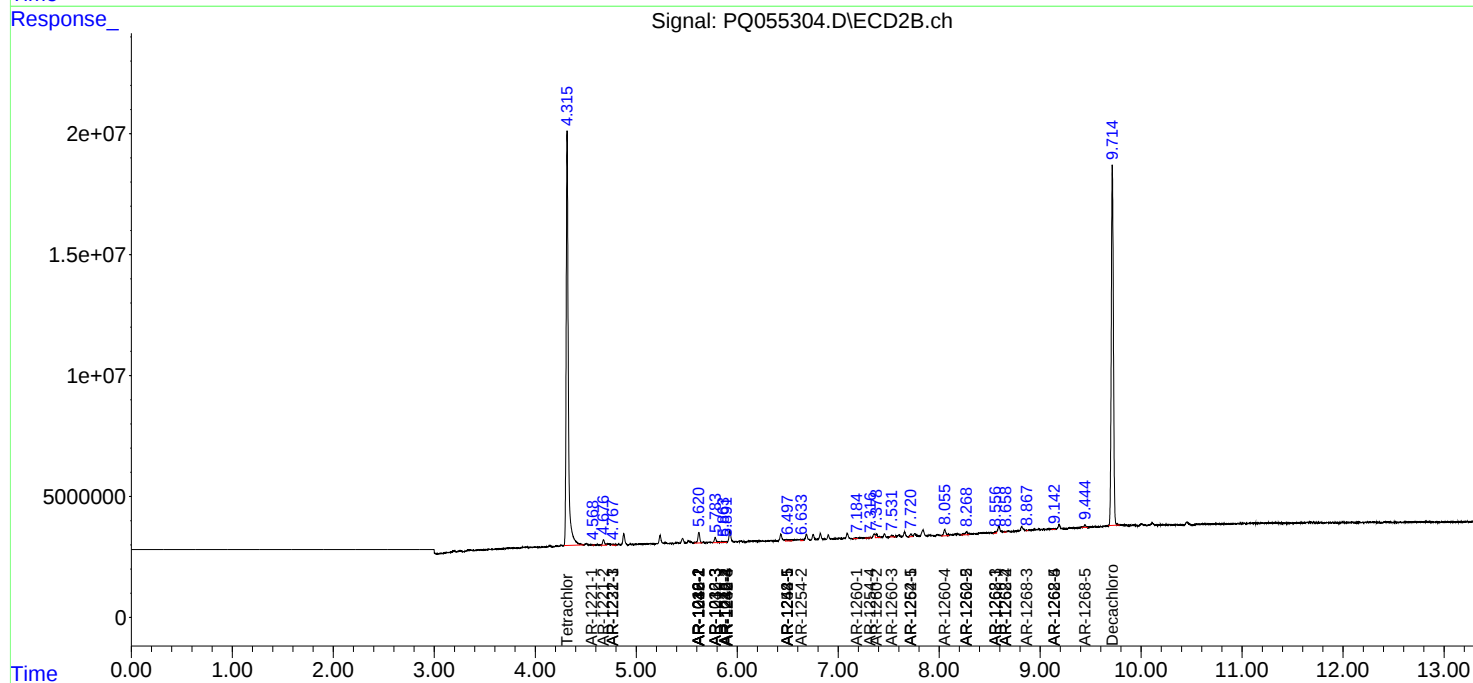
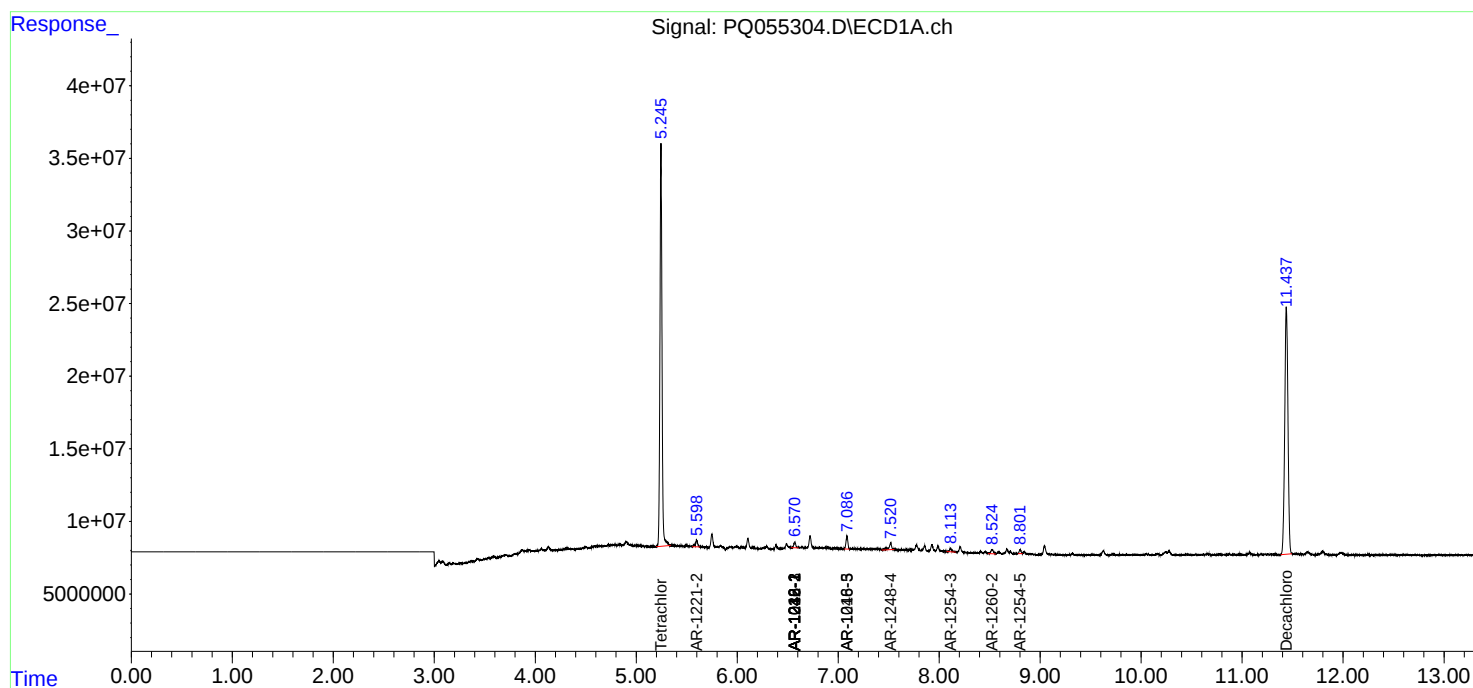
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

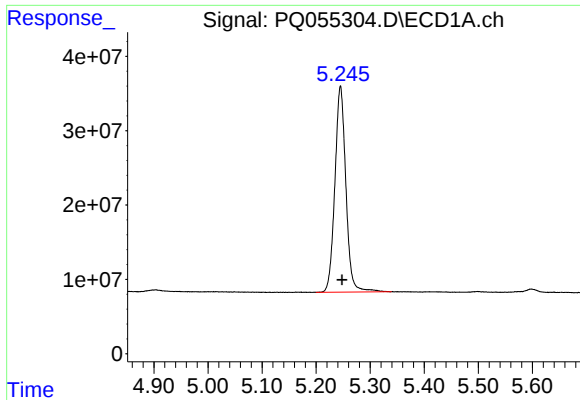
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Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µm Signal #2 Info : 30M x 0.32mm x 0.25µm

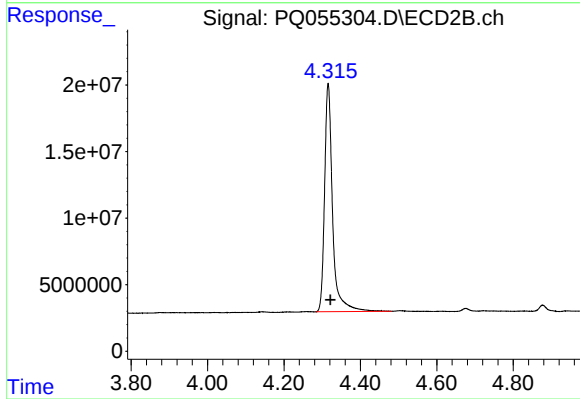




#1 Tetrachloro-m-xylene

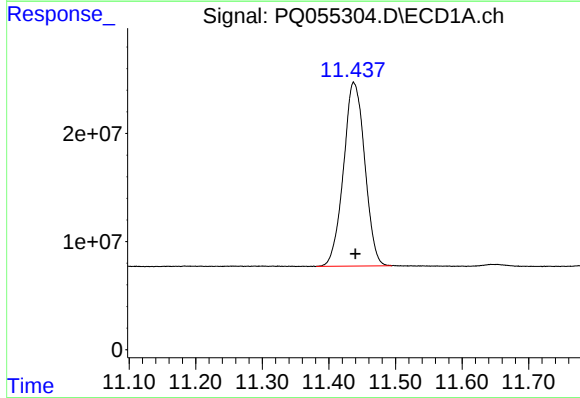
R.T.: 5.245 min
Delta R.T.: -0.003 min
Response: 391749815
Conc: 22.28 ng/ml

Instrument :
ECD_Q
ClientSampleId :



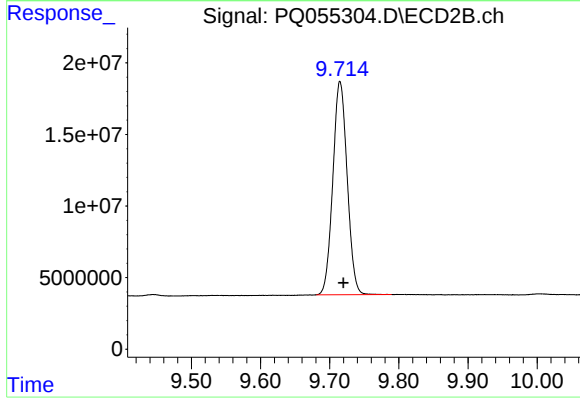
#1 Tetrachloro-m-xylene

R.T.: 4.316 min
Delta R.T.: -0.006 min
Response: 248873990
Conc: 24.20 ng/ml



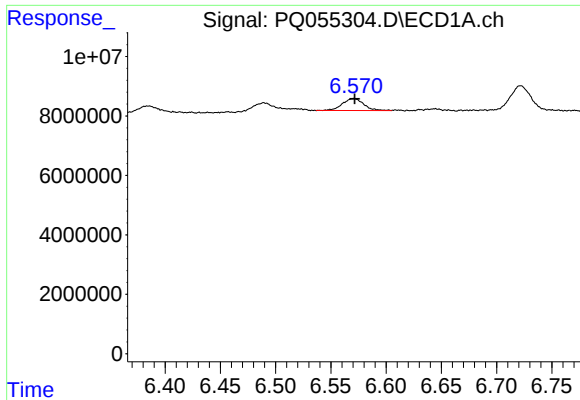
#2 Decachlorobiphenyl

R.T.: 11.437 min
Delta R.T.: -0.003 min
Response: 376886415
Conc: 23.89 ng/ml



#2 Decachlorobiphenyl

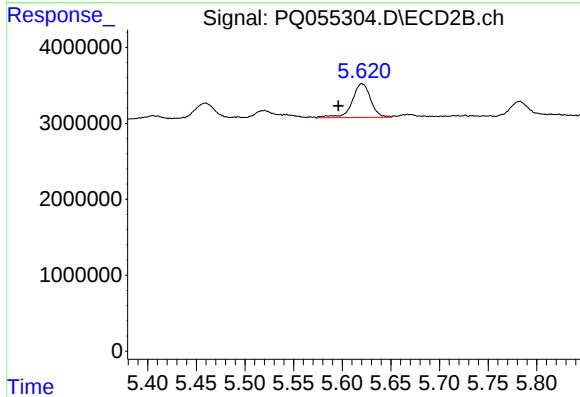
R.T.: 9.715 min
Delta R.T.: -0.005 min
Response: 214691352
Conc: 23.98 ng/ml



#3 AR-1016-1

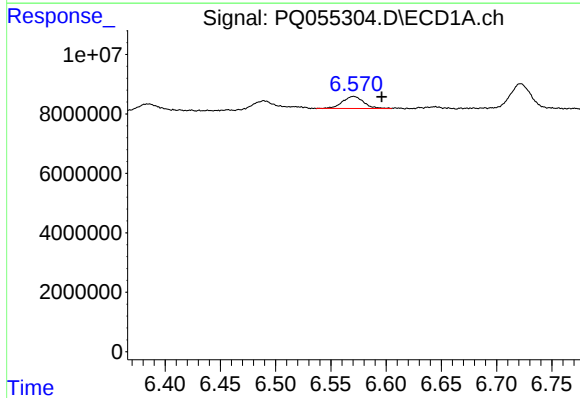
R.T.: 6.571 min
Delta R.T.: 0.000 min
Response: 5421815
Conc: 9.20 ng/ml

Instrument :
ECD_Q
ClientSampleId :



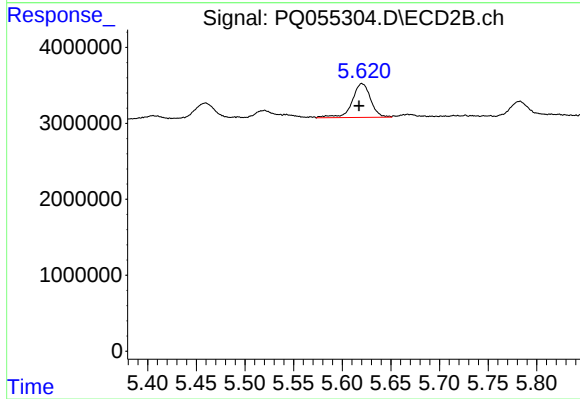
#3 AR-1016-1

R.T.: 5.620 min
Delta R.T.: 0.024 min
Response: 5904720
Conc: 16.47 ng/ml



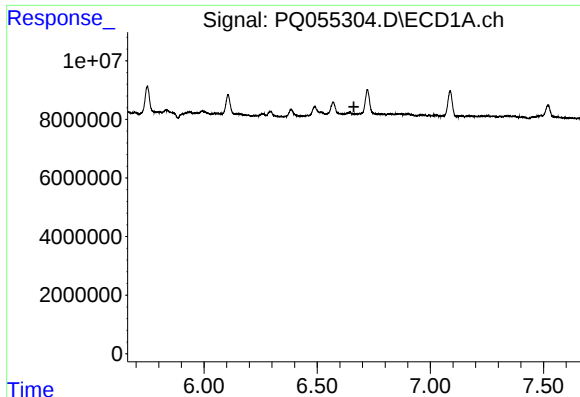
#4 AR-1016-2

R.T.: 6.571 min
Delta R.T.: -0.025 min
Response: 5421815
Conc: 6.03 ng/ml



#4 AR-1016-2

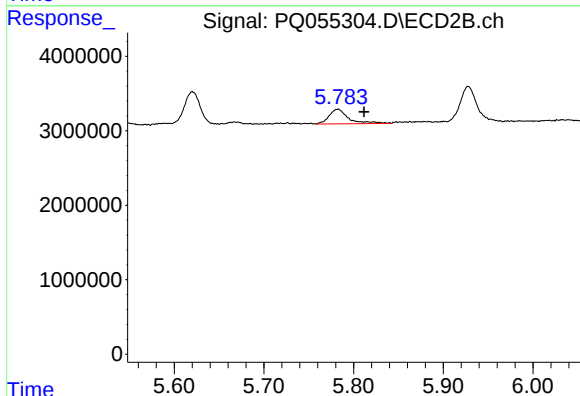
R.T.: 5.620 min
Delta R.T.: 0.003 min
Response: 5904720
Conc: 11.47 ng/ml



#5 AR-1016-3

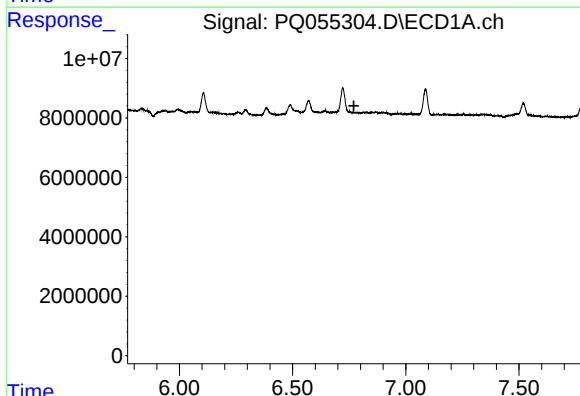
R.T.: 0.000 min
Exp R.T.: 6.662 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



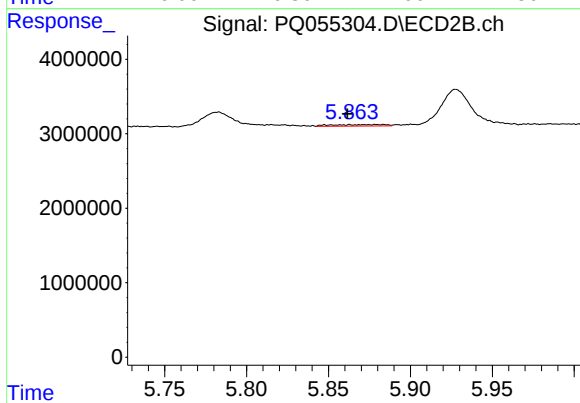
#5 AR-1016-3

R.T.: 5.782 min
Delta R.T.: -0.029 min
Response: 2963500
Conc: 11.07 ng/ml



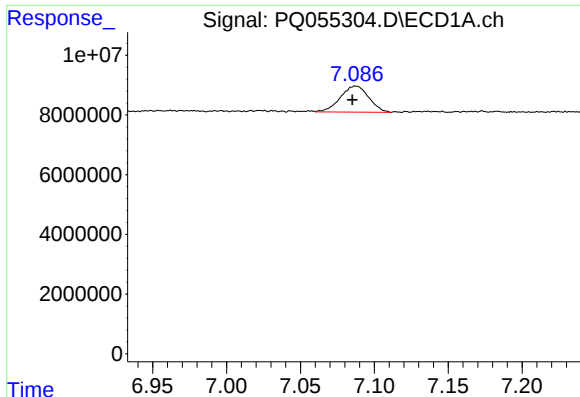
#6 AR-1016-4

R.T.: 0.000 min
Exp R.T.: 6.771 min
Response: 0
Conc: N.D.



#6 AR-1016-4

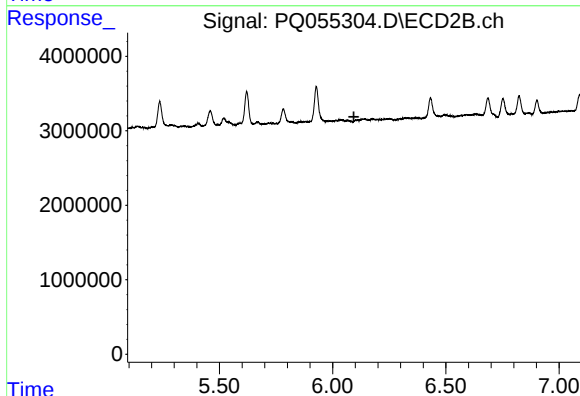
R.T.: 5.884 min
Delta R.T.: 0.022 min
Response: 437029
Conc: 2.01 ng/ml



#7 AR-1016-5

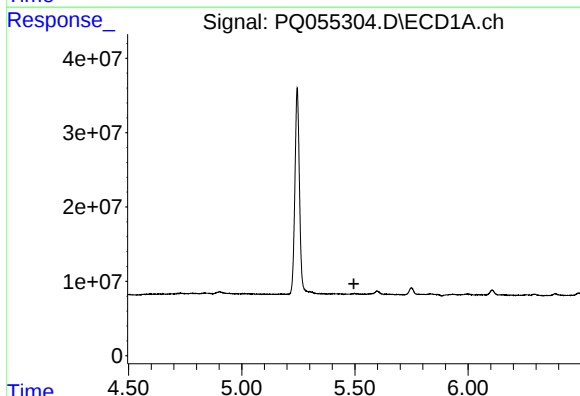
R.T.: 7.087 min
Delta R.T.: 0.002 min
Response: 11728666
Conc: 26.91 ng/ml

Instrument :
ECD_Q
ClientSampleId :



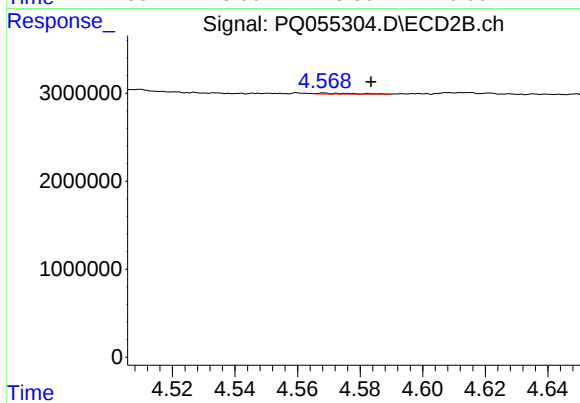
#7 AR-1016-5

R.T.: 6.110 min
Delta R.T.: 0.016 min
Response: -39459
Conc: N.D.



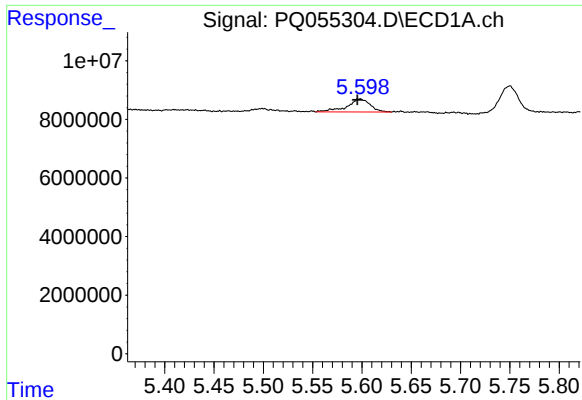
#8 AR-1221-1

R.T.: 0.000 min
Exp R.T. : 5.495 min
Response: 0
Conc: N.D.



#8 AR-1221-1

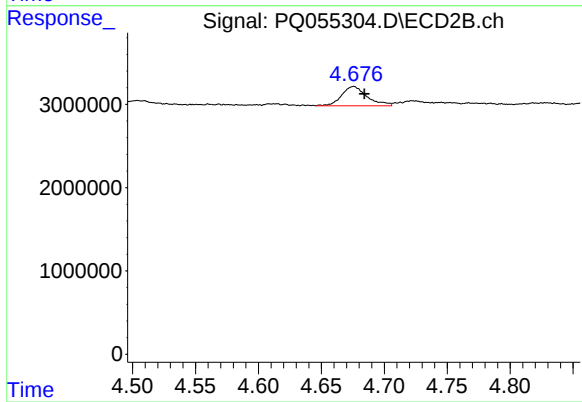
R.T.: 4.569 min
Delta R.T.: -0.015 min
Response: 85351
Conc: 0.79 ng/ml



#9 AR-1221-2

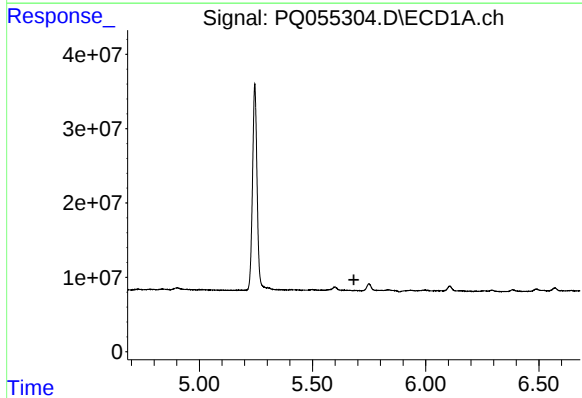
R.T.: 5.598 min
Delta R.T.: 0.003 min
Response: 7390267
Conc: 42.23 ng/ml

Instrument :
ECD_Q
ClientSampleId :



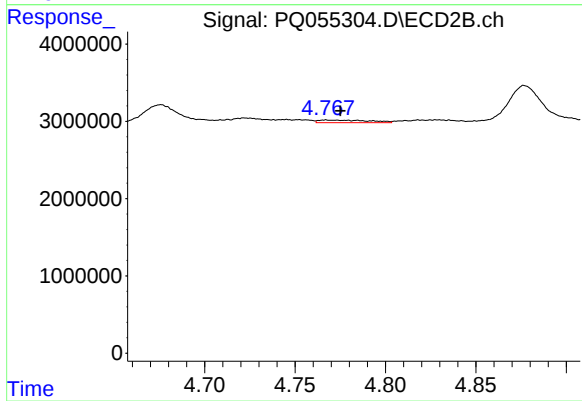
#9 AR-1221-2

R.T.: 4.676 min
Delta R.T.: -0.009 min
Response: 3252153
Conc: 41.97 ng/ml



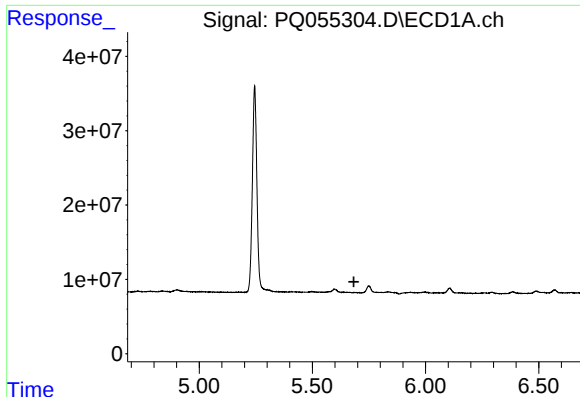
#10 AR-1221-3

R.T.: 0.000 min
Exp R.T. : 5.683 min
Response: 0
Conc: N.D.



#10 AR-1221-3

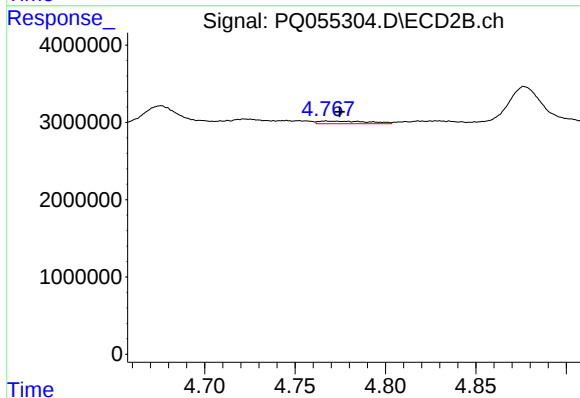
R.T.: 4.767 min
Delta R.T.: -0.008 min
Response: 664450
Conc: 2.58 ng/ml



#11 AR-1232-1

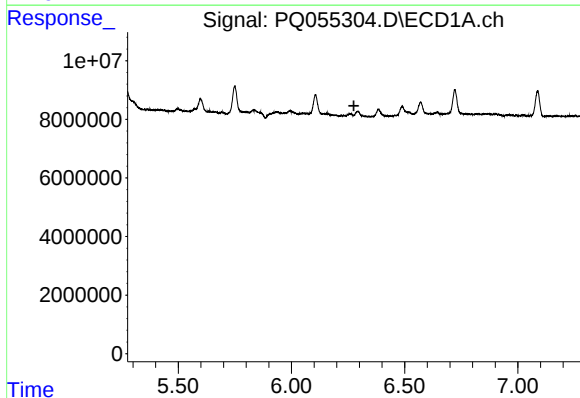
R.T.: 0.000 min
Exp R.T.: 5.683 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



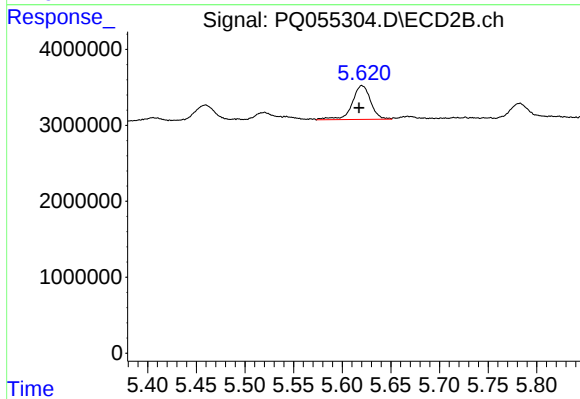
#11 AR-1232-1

R.T.: 4.767 min
Delta R.T.: -0.008 min
Response: 664450
Conc: 3.06 ng/ml



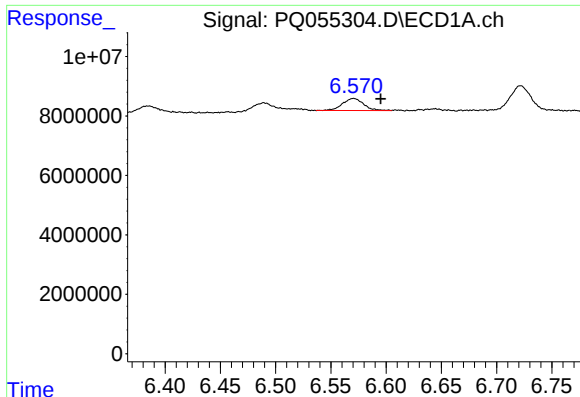
#12 AR-1232-2

R.T.: 0.000 min
Exp R.T.: 6.276 min
Response: 0
Conc: N.D.



#12 AR-1232-2

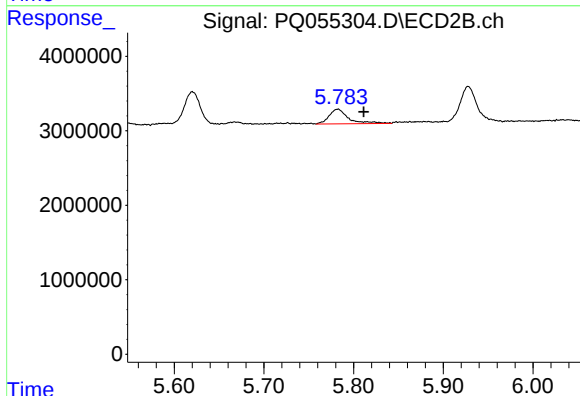
R.T.: 5.620 min
Delta R.T.: 0.003 min
Response: 5904720
Conc: 28.03 ng/ml



#13 AR-1232-3

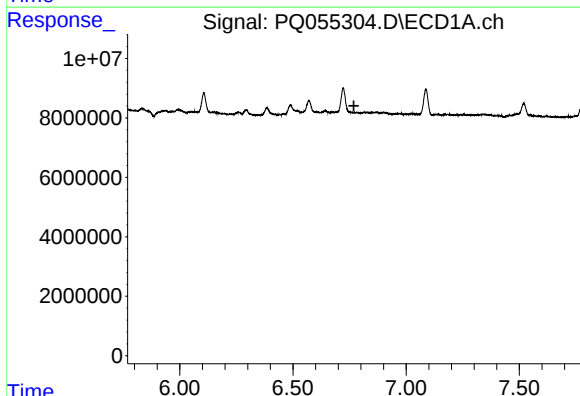
R.T.: 6.571 min
Delta R.T.: -0.024 min
Response: 5421815
Conc: 14.23 ng/ml

Instrument :
ECD_Q
ClientSampleId :



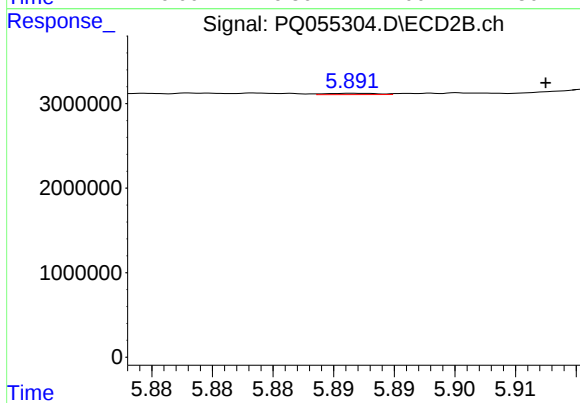
#13 AR-1232-3

R.T.: 5.782 min
Delta R.T.: -0.029 min
Response: 2963500
Conc: 27.00 ng/ml



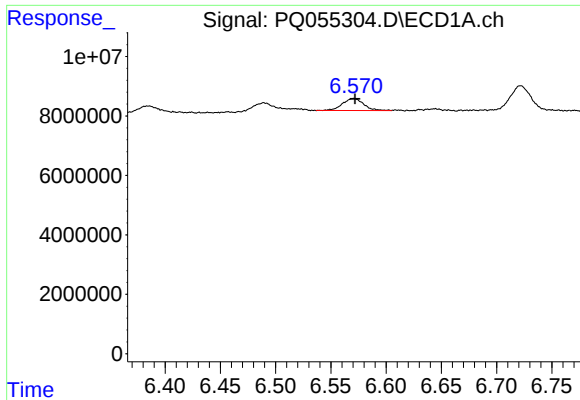
#14 AR-1232-4

R.T.: 0.000 min
Exp R.T. : 6.769 min
Response: 0
Conc: N.D.



#14 AR-1232-4

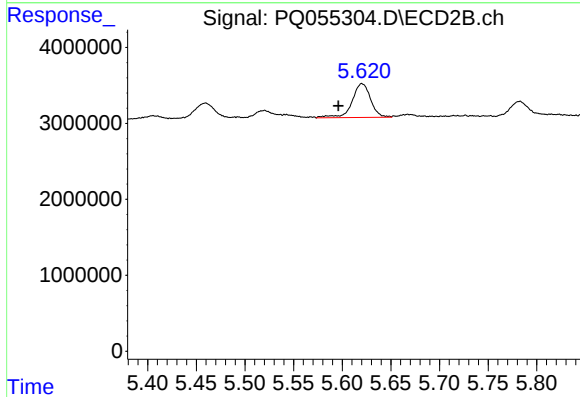
R.T.: 5.892 min
Delta R.T.: -0.015 min
Response: 45179
Conc: 0.47 ng/ml



#16 AR-1242-1

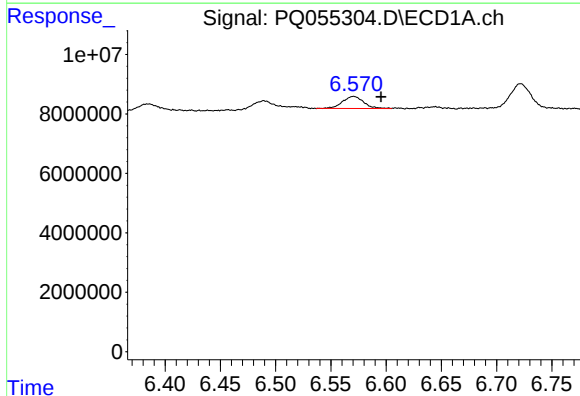
R.T.: 6.571 min
Delta R.T.: -0.001 min
Response: 5421815
Conc: 12.40 ng/ml

Instrument :
ECD_Q
ClientSampleId :



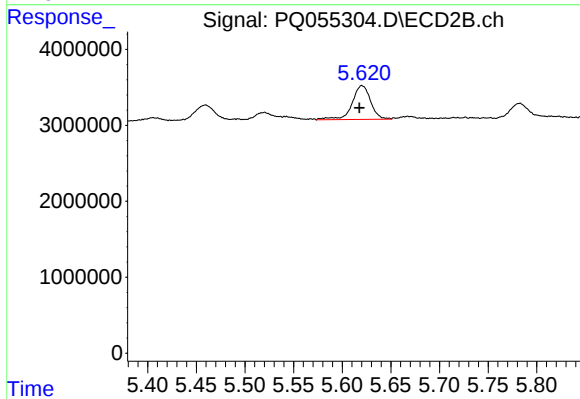
#16 AR-1242-1

R.T.: 5.620 min
Delta R.T.: 0.024 min
Response: 5904720
Conc: 22.16 ng/ml



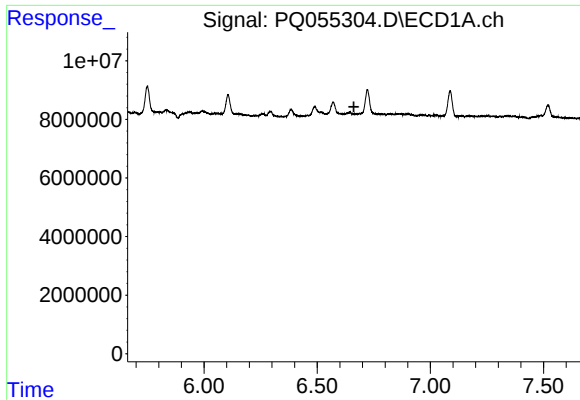
#17 AR-1242-2

R.T.: 6.571 min
Delta R.T.: -0.025 min
Response: 5421815
Conc: 8.07 ng/ml



#17 AR-1242-2

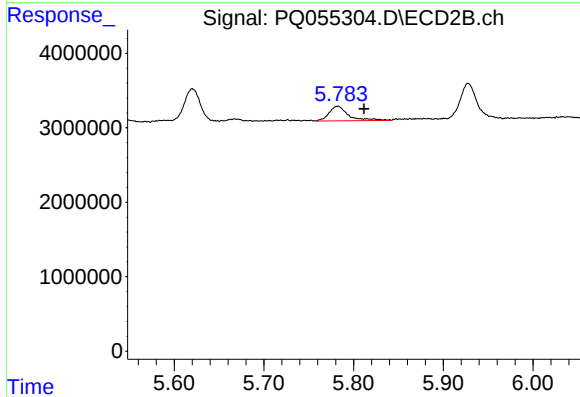
R.T.: 5.620 min
Delta R.T.: 0.003 min
Response: 5904720
Conc: 15.24 ng/ml



#18 AR-1242-3

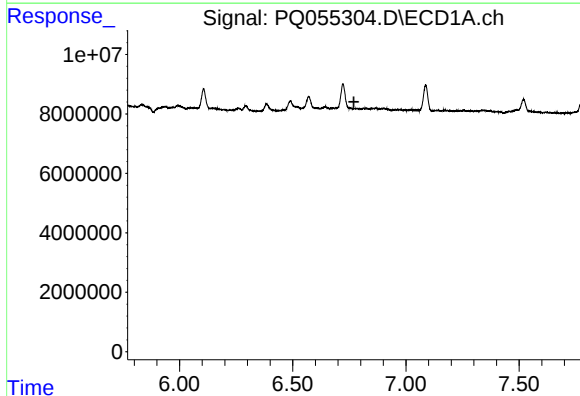
R.T.: 0.000 min
Exp R.T.: 6.662 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



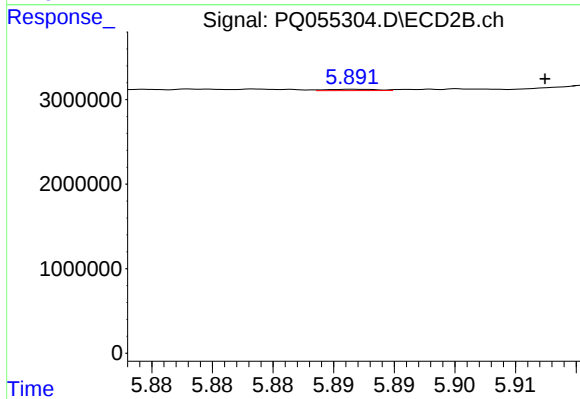
#18 AR-1242-3

R.T.: 5.782 min
Delta R.T.: -0.029 min
Response: 2963500
Conc: 14.70 ng/ml



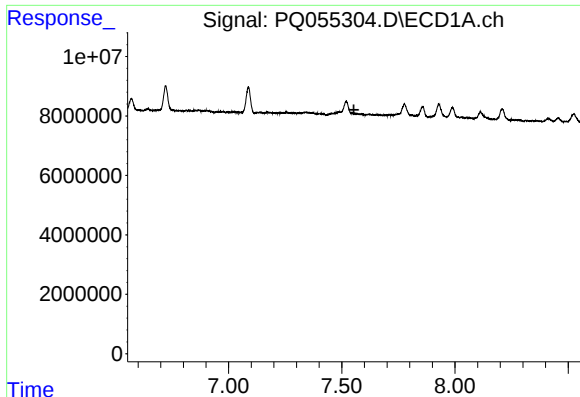
#19 AR-1242-4

R.T.: 0.000 min
Exp R.T.: 6.770 min
Response: 0
Conc: N.D.



#19 AR-1242-4

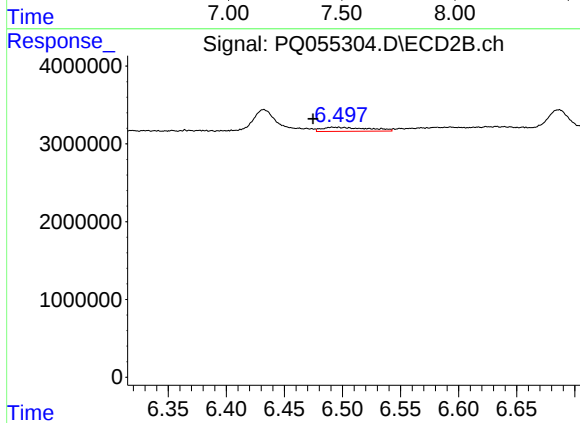
R.T.: 5.892 min
Delta R.T.: -0.015 min
Response: 45179
Conc: 0.23 ng/ml



#20 AR-1242-5

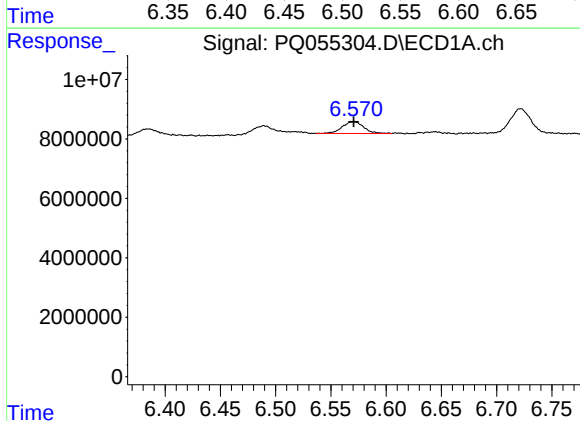
R.T.: 0.000 min
Exp R.T.: 7.554 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



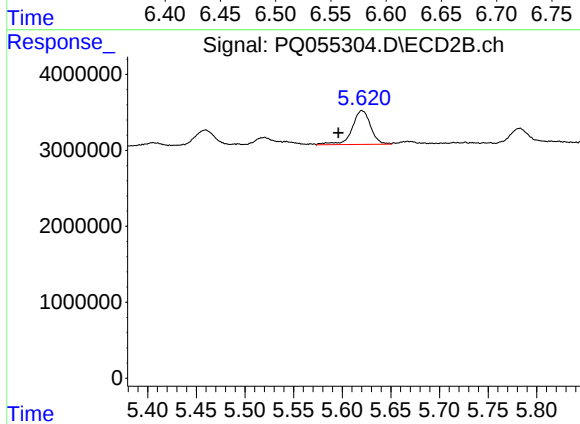
#20 AR-1242-5

R.T.: 6.496 min
Delta R.T.: 0.022 min
Response: 1458239
Conc: 5.78 ng/ml



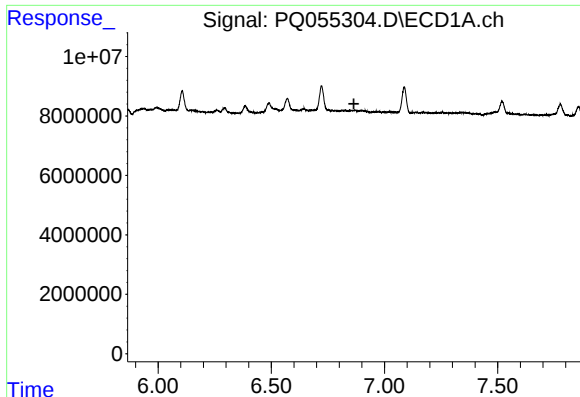
#21 AR-1248-1

R.T.: 6.571 min
Delta R.T.: 0.000 min
Response: 5421815
Conc: 15.94 ng/ml



#21 AR-1248-1

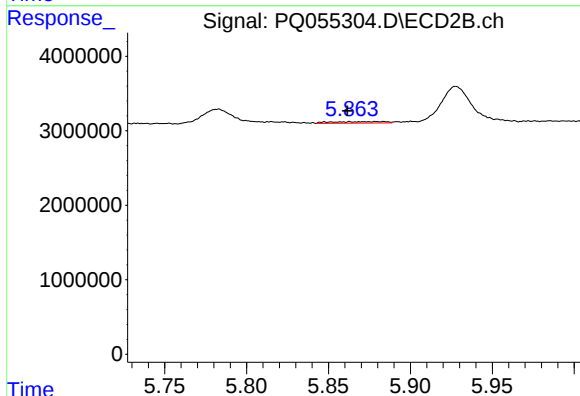
R.T.: 5.620 min
Delta R.T.: 0.024 min
Response: 5904720
Conc: 29.50 ng/ml



#22 AR-1248-2

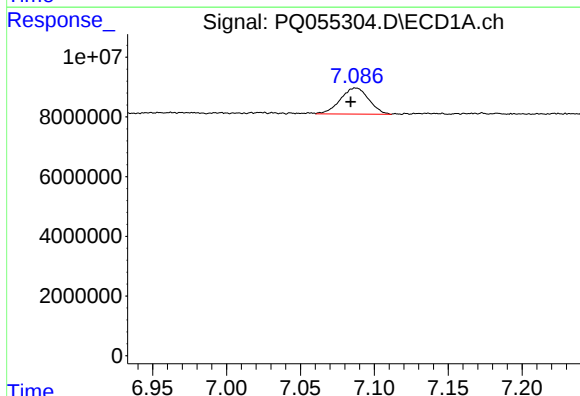
R.T.: 0.000 min
Exp R.T.: 6.865 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



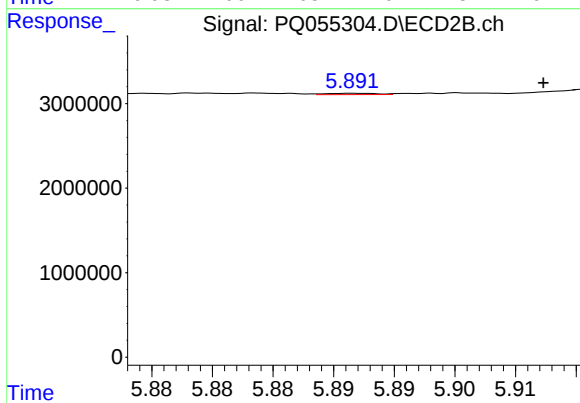
#22 AR-1248-2

R.T.: 5.884 min
Delta R.T.: 0.022 min
Response: 437029
Conc: 1.55 ng/ml



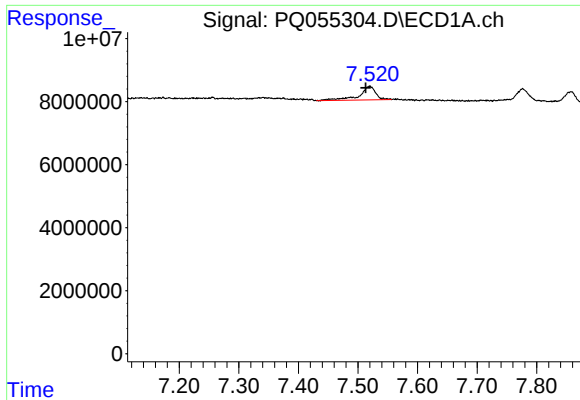
#23 AR-1248-3

R.T.: 7.087 min
Delta R.T.: 0.003 min
Response: 11728666
Conc: 21.75 ng/ml



#23 AR-1248-3

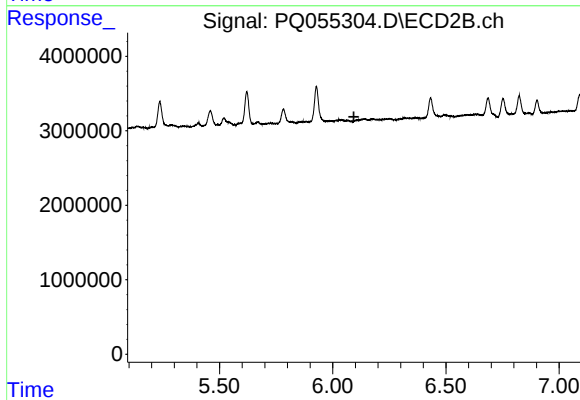
R.T.: 5.892 min
Delta R.T.: -0.015 min
Response: 45179
Conc: 0.15 ng/ml



#24 AR-1248-4

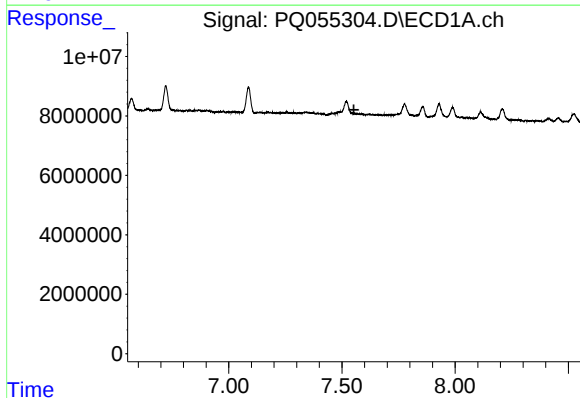
R.T.: 7.520 min
Delta R.T.: 0.007 min
Response: 8301925
Conc: 13.68 ng/ml

Instrument :
ECD_Q
ClientSampleId :



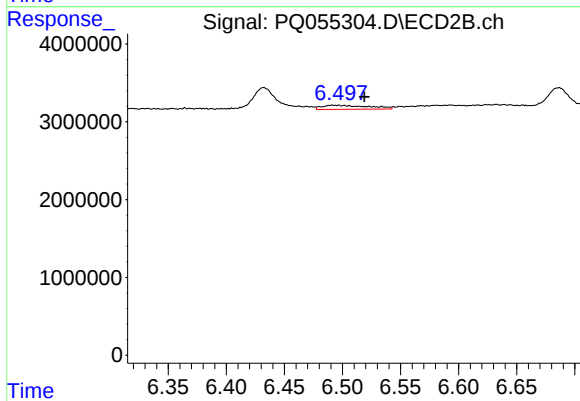
#24 AR-1248-4

R.T.: 6.110 min
Delta R.T.: 0.016 min
Response: -39459
Conc: N.D.



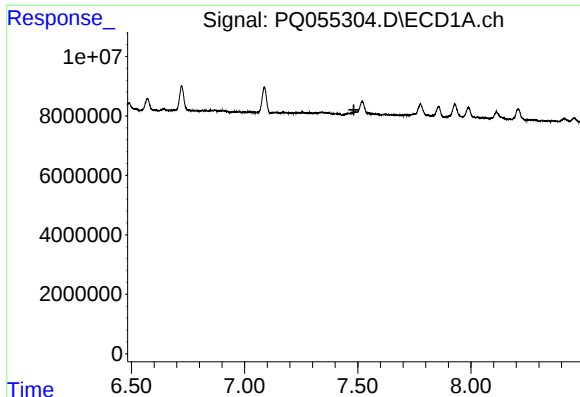
#25 AR-1248-5

R.T.: 0.000 min
Exp R.T. : 7.553 min
Response: 0
Conc: N.D.



#25 AR-1248-5

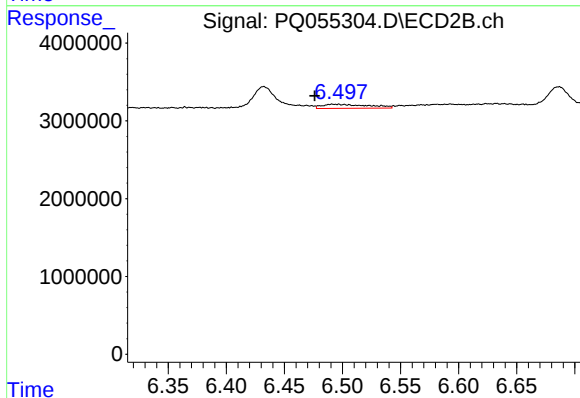
R.T.: 6.496 min
Delta R.T.: -0.023 min
Response: 1458239
Conc: 4.19 ng/ml



#26 AR-1254-1

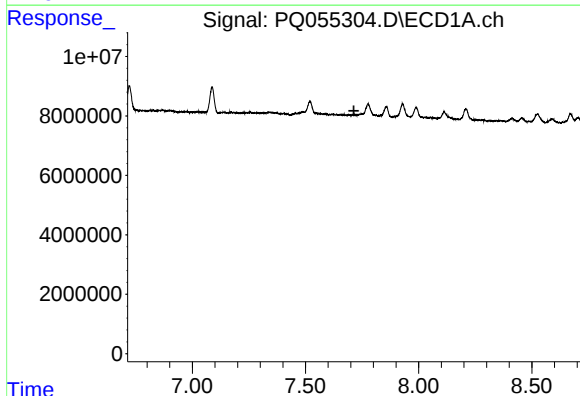
R.T.: 0.000 min
Exp R.T.: 7.483 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



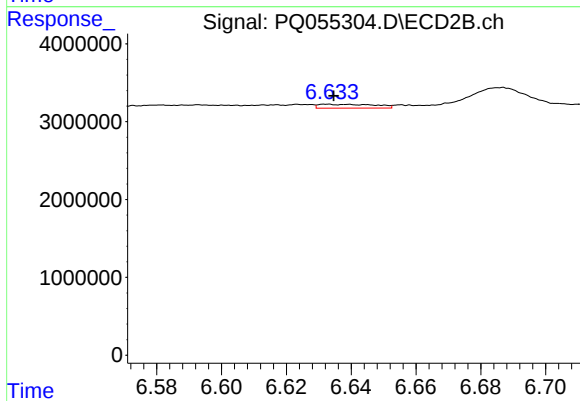
#26 AR-1254-1

R.T.: 6.496 min
Delta R.T.: 0.020 min
Response: 1458239
Conc: 2.64 ng/ml



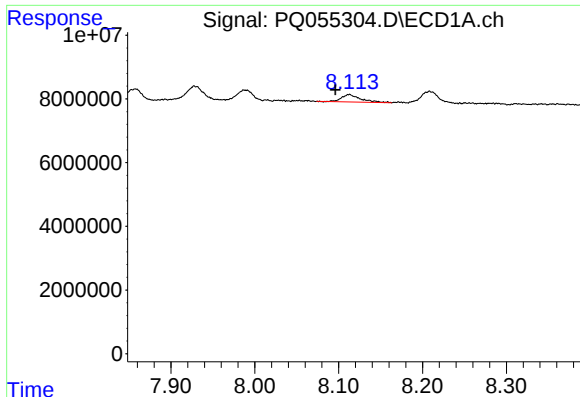
#27 AR-1254-2

R.T.: 0.000 min
Exp R.T.: 7.714 min
Response: 0
Conc: N.D.



#27 AR-1254-2

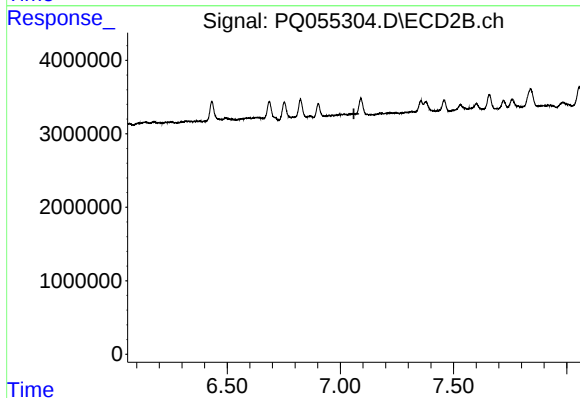
R.T.: 6.632 min
Delta R.T.: -0.002 min
Response: 607480
Conc: 1.28 ng/ml



#28 AR-1254-3

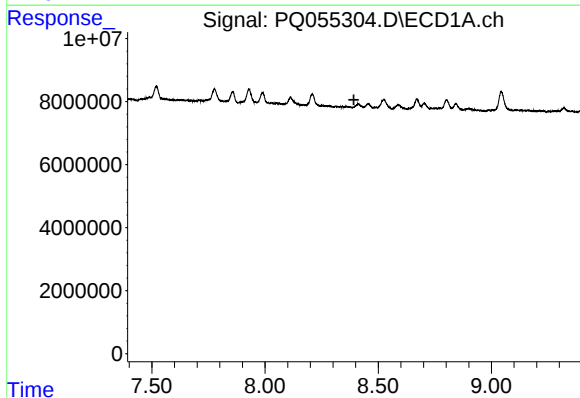
R.T.: 8.113 min
Delta R.T.: 0.017 min
Response: 3696672
Conc: 3.63 ng/ml

Instrument :
ECD_Q
ClientSampleId :



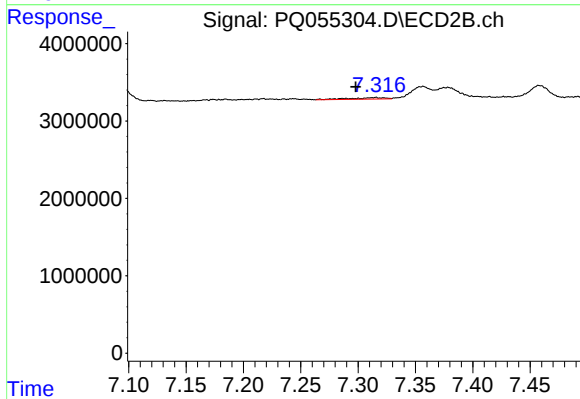
#28 AR-1254-3

R.T.: 0.000 min
Exp R.T. : 7.060 min
Response: 0
Conc: N.D.



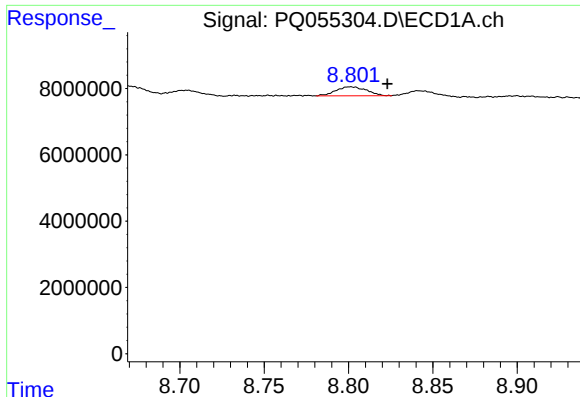
#29 AR-1254-4

R.T.: 0.000 min
Exp R.T. : 8.392 min
Response: 0
Conc: N.D.



#29 AR-1254-4

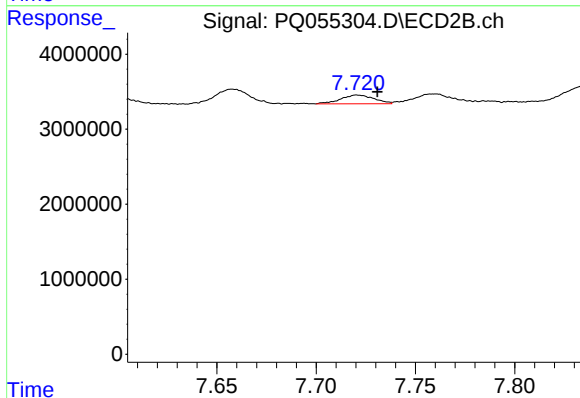
R.T.: 7.315 min
Delta R.T.: 0.018 min
Response: 401418
Conc: 0.84 ng/ml



#30 AR-1254-5

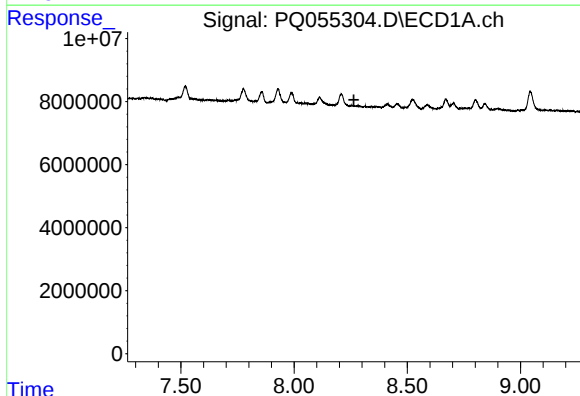
R.T.: 8.801 min
Delta R.T.: -0.022 min
Response: 3430523
Conc: 4.23 ng/ml

Instrument :
ECD_Q
ClientSampleId :



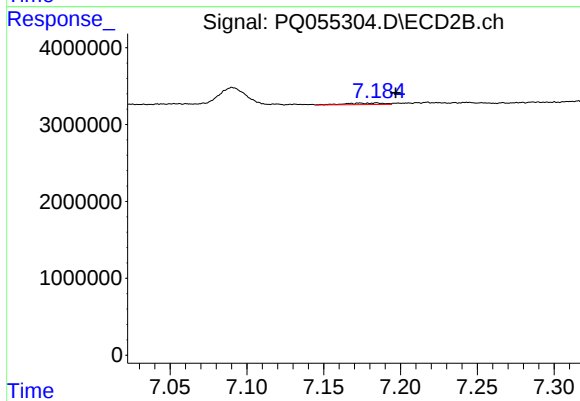
#30 AR-1254-5

R.T.: 7.721 min
Delta R.T.: -0.010 min
Response: 1346896
Conc: 2.01 ng/ml



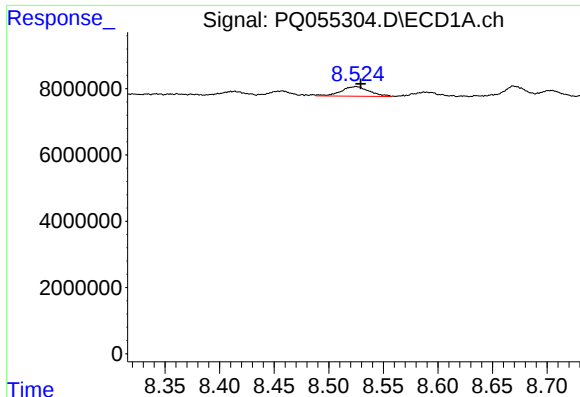
#31 AR-1260-1

R.T.: 0.000 min
Exp R.T. : 8.264 min
Response: 0
Conc: N.D.



#31 AR-1260-1

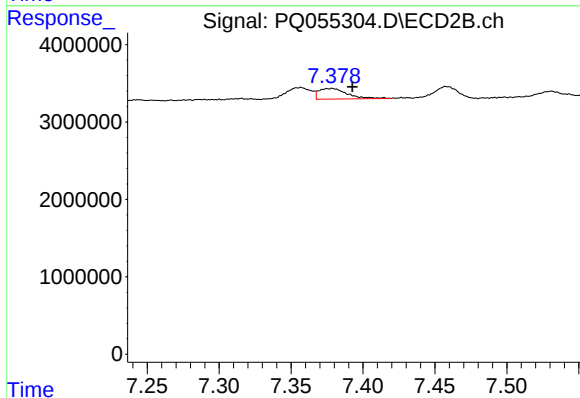
R.T.: 7.185 min
Delta R.T.: -0.012 min
Response: 354866
Conc: 0.71 ng/ml



#32 AR-1260-2

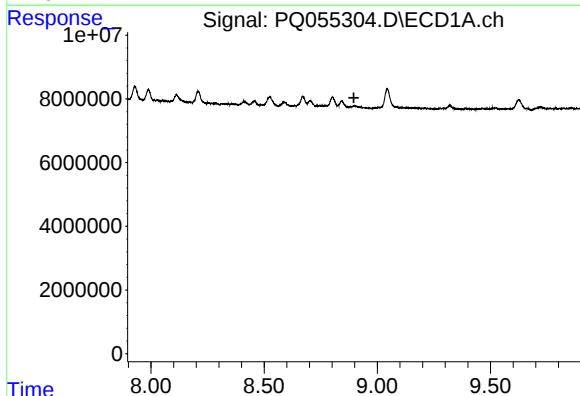
R.T.: 8.525 min
Delta R.T.: -0.004 min
Response: 5257442
Conc: 6.34 ng/ml

Instrument :
ECD_Q
ClientSampleId :



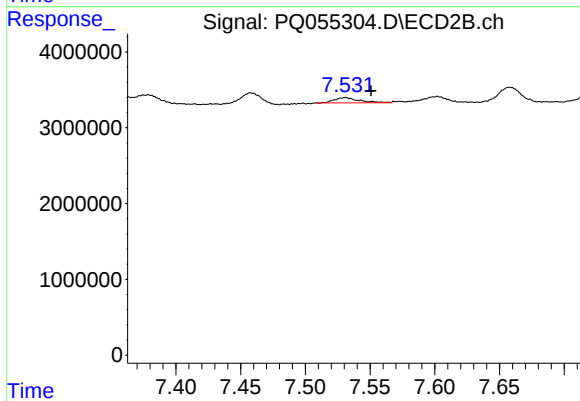
#32 AR-1260-2

R.T.: 7.378 min
Delta R.T.: -0.014 min
Response: 1867235
Conc: 3.09 ng/ml



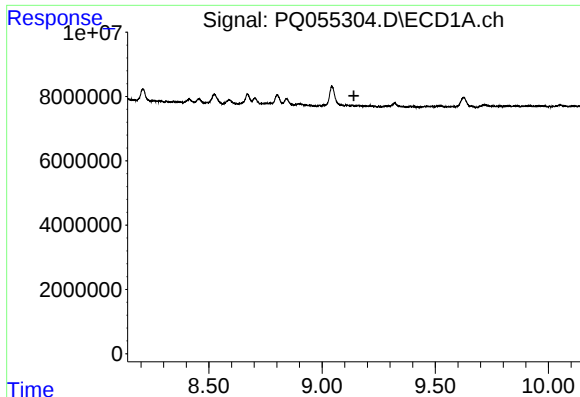
#33 AR-1260-3

R.T.: 0.000 min
Exp R.T. : 8.897 min
Response: 0
Conc: N.D.



#33 AR-1260-3

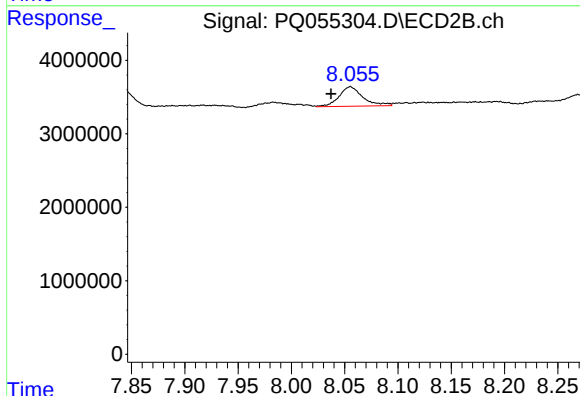
R.T.: 7.531 min
Delta R.T.: -0.020 min
Response: 907221
Conc: 1.59 ng/ml



#34 AR-1260-4

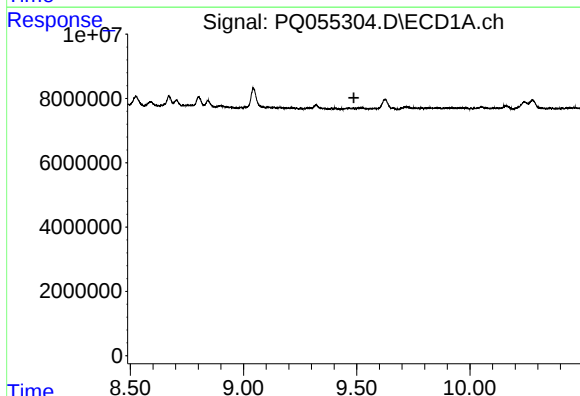
R.T.: 0.000 min
Exp R.T.: 9.140 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



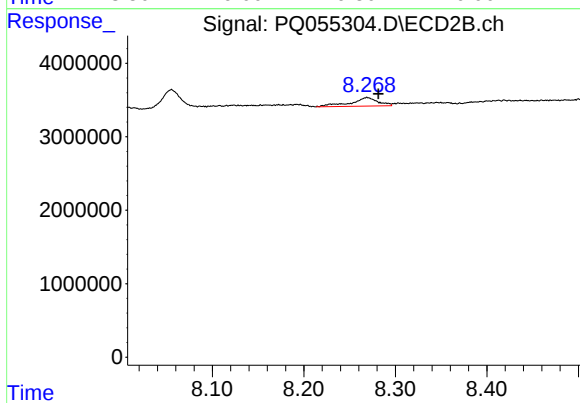
#34 AR-1260-4

R.T.: 8.055 min
Delta R.T.: 0.018 min
Response: 4121766
Conc: 8.70 ng/ml



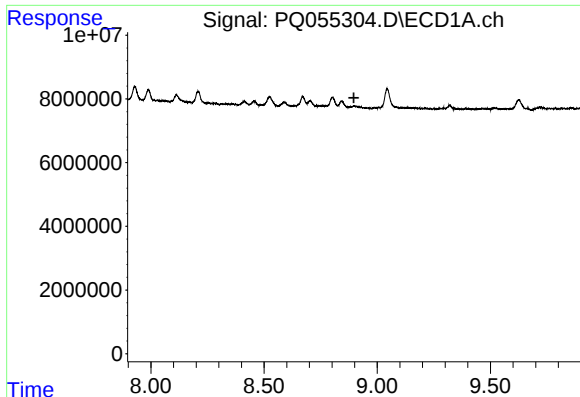
#35 AR-1260-5

R.T.: 0.000 min
Exp R.T.: 9.488 min
Response: 0
Conc: N.D.



#35 AR-1260-5

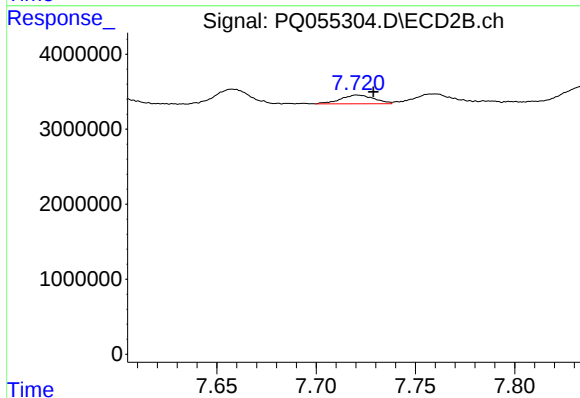
R.T.: 8.269 min
Delta R.T.: -0.013 min
Response: 2395098
Conc: 2.07 ng/ml



#36 AR-1262-1

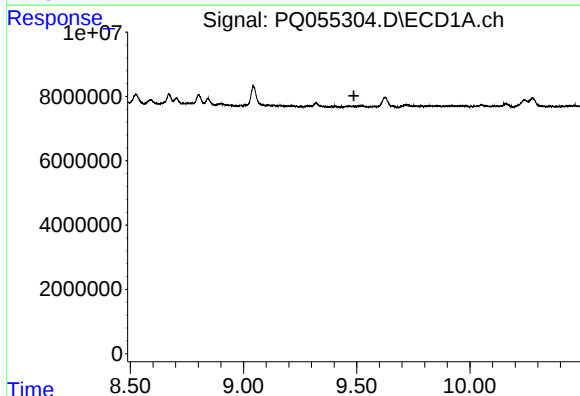
R.T.: 0.000 min
Exp R.T.: 8.897 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



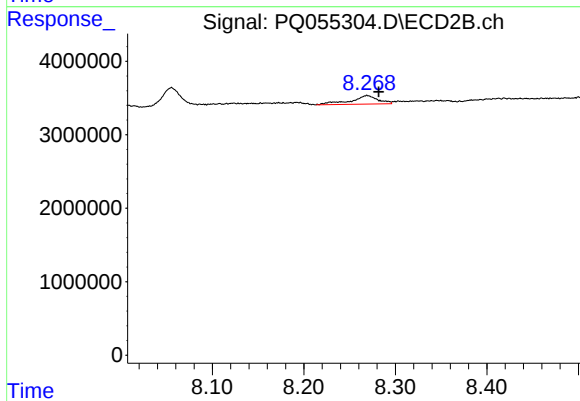
#36 AR-1262-1

R.T.: 7.721 min
Delta R.T.: -0.008 min
Response: 1346896
Conc: 3.96 ng/ml



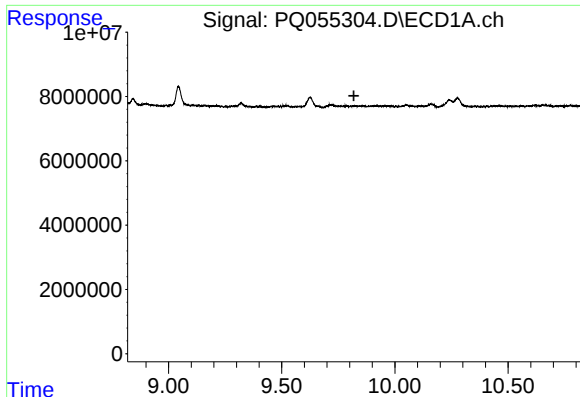
#37 AR-1262-2

R.T.: 0.000 min
Exp R.T.: 9.487 min
Response: 0
Conc: N.D.



#37 AR-1262-2

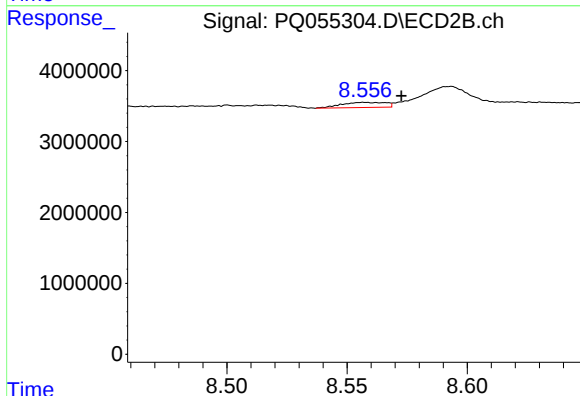
R.T.: 8.269 min
Delta R.T.: -0.013 min
Response: 2395098
Conc: 1.94 ng/ml



#38 AR-1262-3

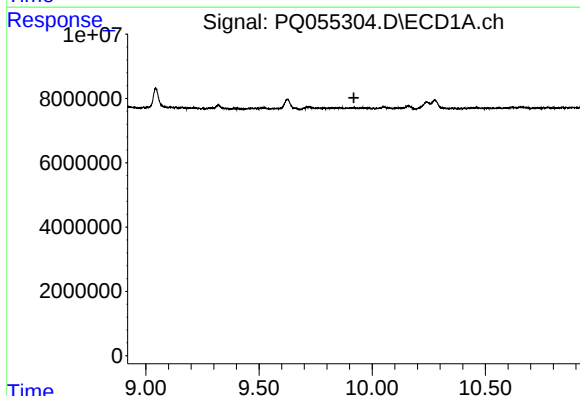
R.T.: 0.000 min
Exp R.T.: 9.819 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



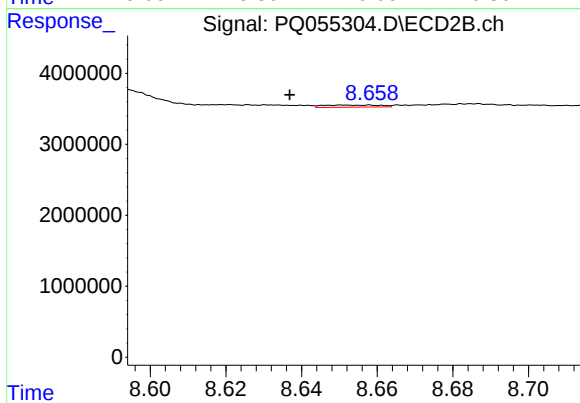
#38 AR-1262-3

R.T.: 8.557 min
Delta R.T.: -0.015 min
Response: 918654
Conc: 1.99 ng/ml



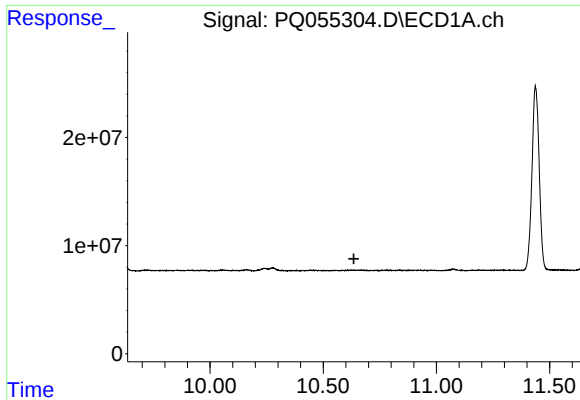
#39 AR-1262-4

R.T.: 0.000 min
Exp R.T.: 9.919 min
Response: 0
Conc: N.D.



#39 AR-1262-4

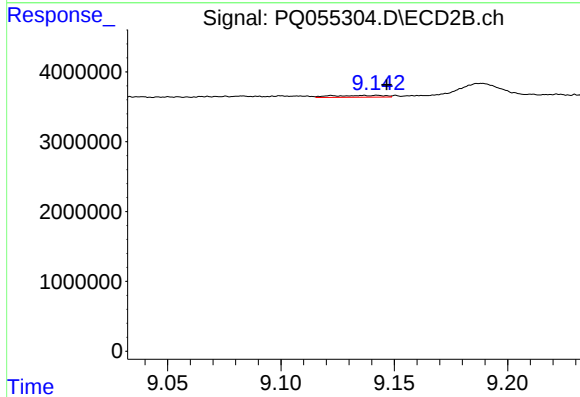
R.T.: 8.651 min
Delta R.T.: 0.014 min
Response: 316878
Conc: 0.36 ng/ml



#40 AR-1262-5

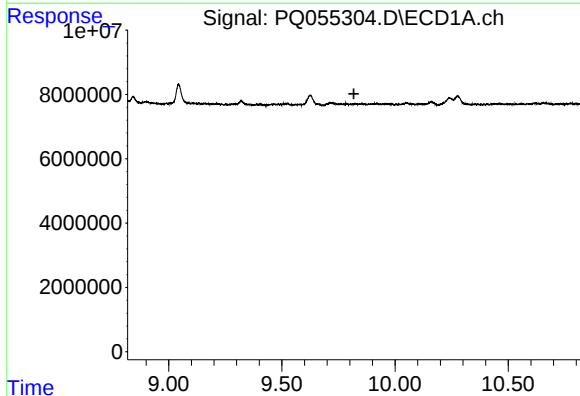
R.T.: 0.000 min
Exp R.T.: 10.635 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



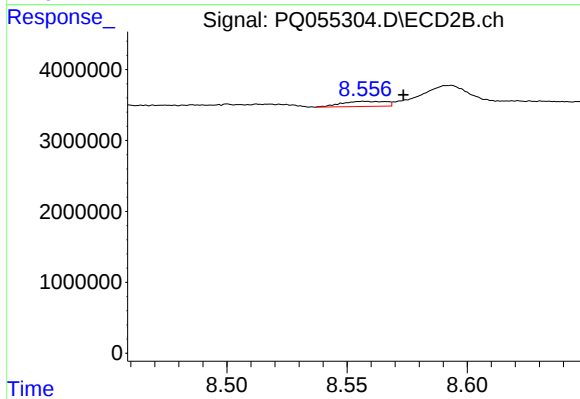
#40 AR-1262-5

R.T.: 9.143 min
Delta R.T.: -0.004 min
Response: 417494
Conc: 1.04 ng/ml



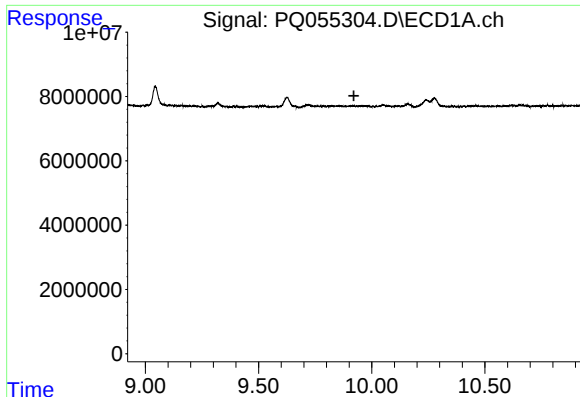
#41 AR-1268-1

R.T.: 0.000 min
Exp R.T.: 9.818 min
Response: 0
Conc: N.D.



#41 AR-1268-1

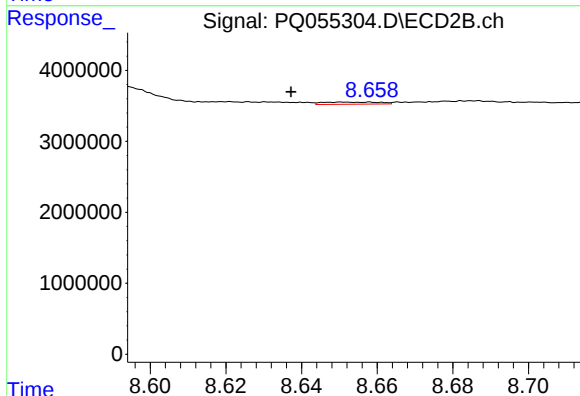
R.T.: 8.557 min
Delta R.T.: -0.016 min
Response: 918654
Conc: 0.65 ng/ml



#42 AR-1268-2

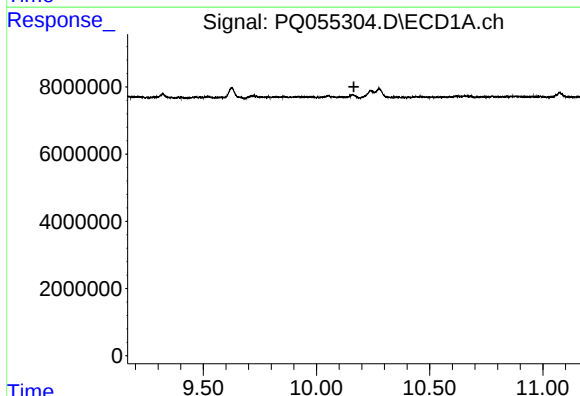
R.T.: 0.000 min
Exp R.T.: 9.921 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



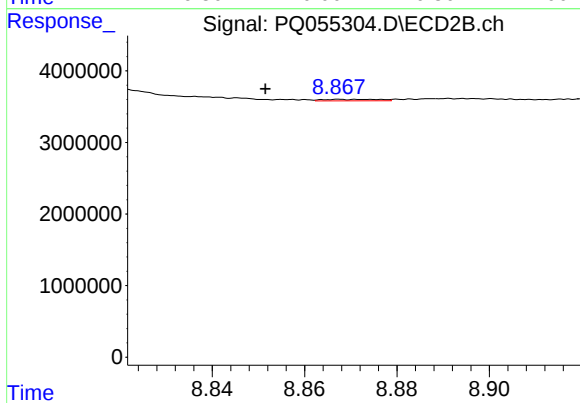
#42 AR-1268-2

R.T.: 8.651 min
Delta R.T.: 0.014 min
Response: 316878
Conc: 0.24 ng/ml



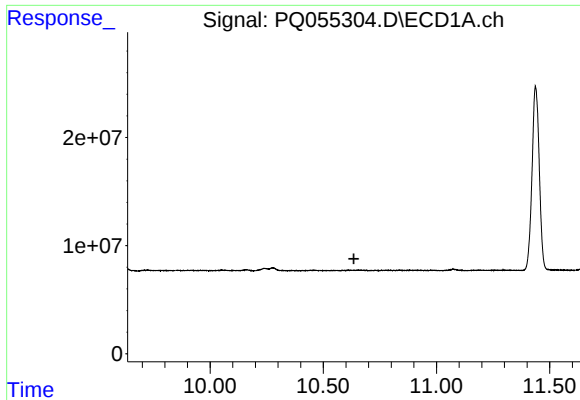
#43 AR-1268-3

R.T.: 0.000 min
Exp R.T.: 10.165 min
Response: 0
Conc: N.D.



#43 AR-1268-3

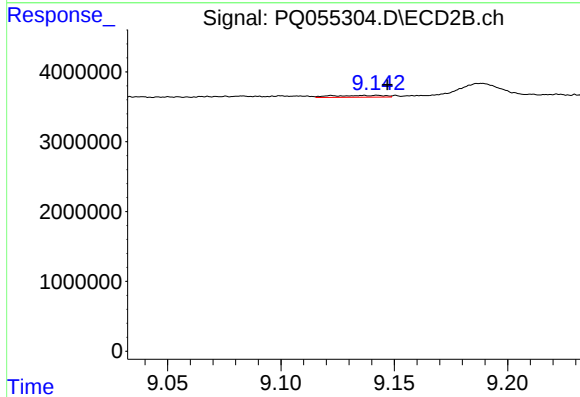
R.T.: 8.868 min
Delta R.T.: 0.016 min
Response: 175742
Conc: 0.16 ng/ml



#44 AR-1268-4

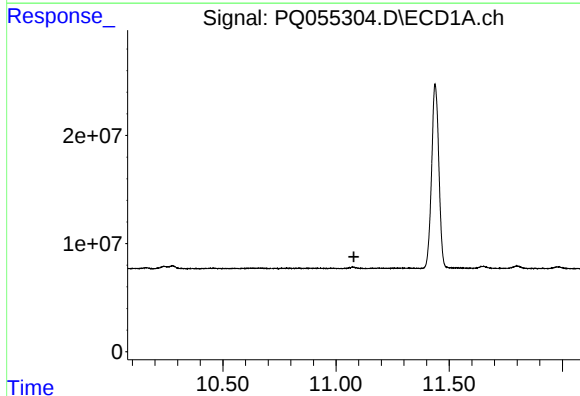
R.T.: 0.000 min
Exp R.T.: 10.635 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



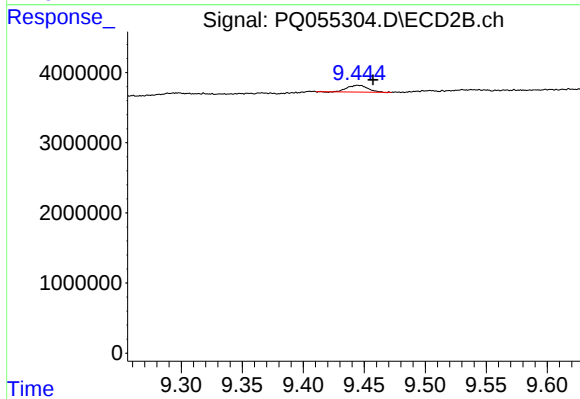
#44 AR-1268-4

R.T.: 9.143 min
Delta R.T.: -0.004 min
Response: 417494
Conc: 0.92 ng/ml



#45 AR-1268-5

R.T.: 0.000 min
Exp R.T.: 11.079 min
Response: 0
Conc: N.D.



#45 AR-1268-5

R.T.: 9.445 min
Delta R.T.: -0.012 min
Response: 1119309
Conc: 0.32 ng/ml