

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ091820\
 Data File : PQ049876.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 18 Sep 2020 16:44
 Operator : DD\AJ
 Sample : L4054-02
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 18 17:49:03 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ091020.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Mon Sep 14 14:52:16 2020
 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...	5.251f	4.301f	138.9E6	69760807	13.033	13.455
2)	SA Decachlor...	11.443	0.000	654666	0	0.082	N.D. #
Target Compounds							
3)	L1 AR-1016-1	6.580f	5.531	396752	100397	1.306	0.444 #
4)	L1 AR-1016-2	6.580	5.531f	396752	100397	0.897	0.324 #
5)	L1 AR-1016-3	6.668f	5.732f	597472	1141928	2.082	7.520 #
6)	L1 AR-1016-4	6.739f	5.822f	581295	2645326	2.270	23.153 #
7)	L1 AR-1016-5	7.091f	6.051f	766912	898430	3.553	5.597 #
9)	L2 AR-1221-2	5.607f	4.623	2931501	94780	32.323	2.217 #
10)	L2 AR-1221-3	5.666	4.745f	117829	164211	0.449	1.198 #
11)	L3 AR-1232-1	5.666	4.745f	117829	164211	0.548	1.488 #
12)	L3 AR-1232-2	6.265	5.531f	1075625	100397	9.545	0.785 #
13)	L3 AR-1232-3	6.580	5.732f	396752	1141928	2.109	18.499 #
14)	L3 AR-1232-4	6.739f	5.847	581295	248904	4.874	4.637
15)	L3 AR-1232-5	6.871f	6.051f	3090007	898430	34.128	14.423 #
16)	L4 AR-1242-1	6.580f	5.531	396752	100397	1.355	0.526 #
17)	L4 AR-1242-2	6.580	5.531f	396752	100397	1.004	0.384 #
18)	L4 AR-1242-3	6.668f	5.732f	597472	1141928	2.392	8.164 #
19)	L4 AR-1242-4	6.739f	5.847	581295	248904	2.781	1.909 #
20)	L4 AR-1242-5	7.521f	6.430f	1411241	4159764	6.918	22.007 #
21)	L5 AR-1248-1	6.580f	5.531	396752	100397	2.101	0.751 #
22)	L5 AR-1248-2	6.871f	5.822f	3090007	2645326	11.555	16.860 #
23)	L5 AR-1248-3	7.091f	5.847	766912	248904	2.879	1.500 #
24)	L5 AR-1248-4	7.488f	6.051f	2923431	898430	9.398	4.313 #
25)	L5 AR-1248-5	7.521f	6.472f	1411241	1312183	4.673	5.734
26)	L6 AR-1254-1	7.488f	6.430f	2923431	4159764	10.268	12.606
27)	L6 AR-1254-2	7.721f	6.589f	7287028	1606044	16.506	5.579 #
28)	L6 AR-1254-3	8.107f	0.000	4461904	0	9.913	N.D. #
29)	L6 AR-1254-4	8.404f	7.211f	3187422	427357	8.909	1.222 #
30)	L6 AR-1254-5	0.000	7.682f	0	6113822	N.D.	13.385 #
31)	L7 AR-1260-1	8.268f	7.149f	3462940	2909516	9.757	8.883
32)	L7 AR-1260-2	8.537f	7.300f	9154927	330346	20.858	0.700 #
33)	L7 AR-1260-3	8.900f	7.503f	408.1E6	4014594	1167.440	10.190 #
34)	L7 AR-1260-4	9.148f	7.943f	16895370	987507	43.239	2.959 #
35)	L7 AR-1260-5	9.503f	8.239f	17275572	23437413	21.031	26.400 #
36)	L8 AR-1262-1	8.900f	7.682f	408.1E6	6113822	889.495	24.804 #
37)	L8 AR-1262-2	9.503f	8.239f	17275572	23437413	20.539	24.355
38)	L8 AR-1262-3	9.838f	0.000	8944702	0	22.597	N.D. #
40)	L8 AR-1262-5	0.000	9.075	0	12602624	N.D.	45.082 #
41)	L9 AR-1268-1	9.838f	0.000	8944702	0	8.603	N.D. #
42)	L9 AR-1268-2	9.941f	0.000	10511465	0	10.686	N.D. #
43)	L9 AR-1268-3	10.126f	8.804f	334069	18736191	0.383	25.142 #

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Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 18 17:49:03 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ091020.M
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 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
44)	L9 AR-1268-4	0.000	9.075	0	12602624	N.D.	38.154 #
45)	L9 AR-1268-5	11.055f	0.000	822152	0	0.320	N.D. #

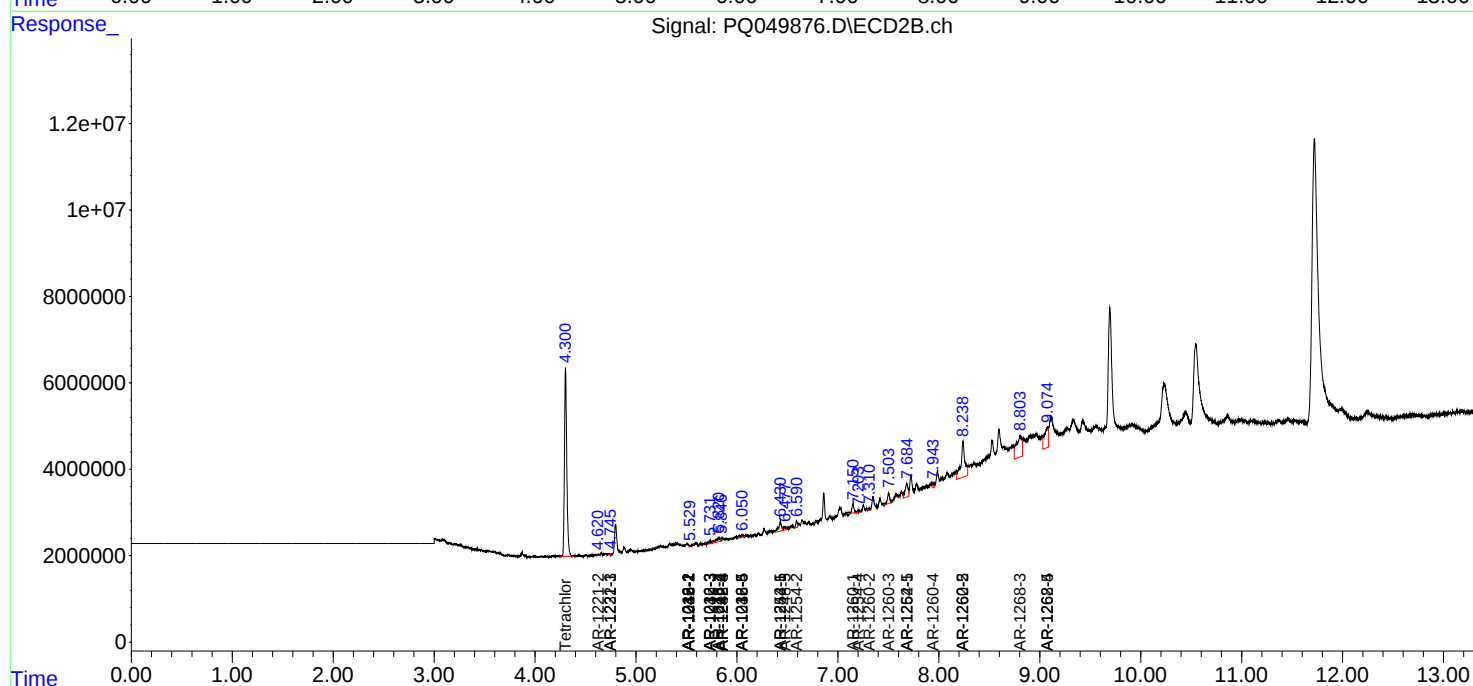
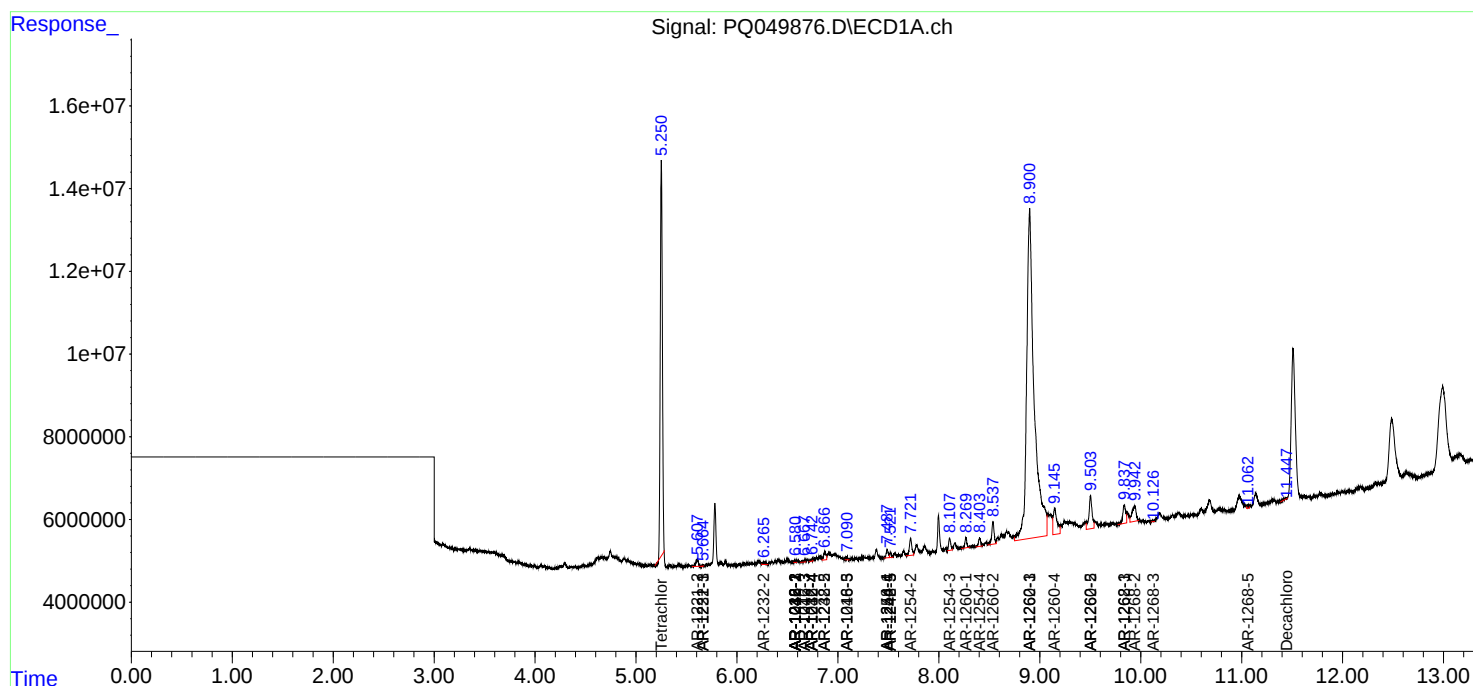
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

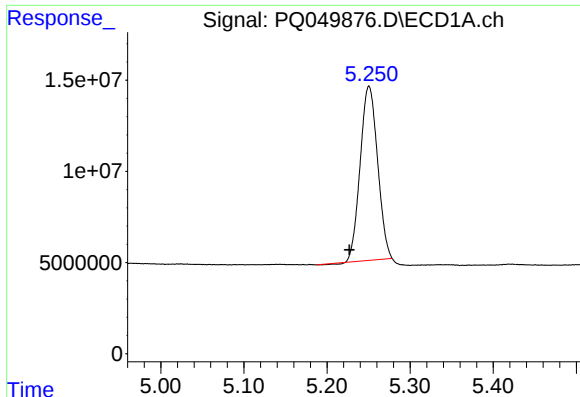
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ091820\
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Acq On : 18 Sep 2020 16:44
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Sample : L4054-02
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Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

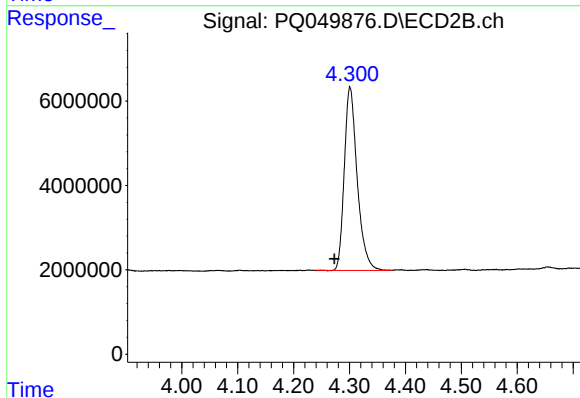




#1 Tetrachloro-m-xylene

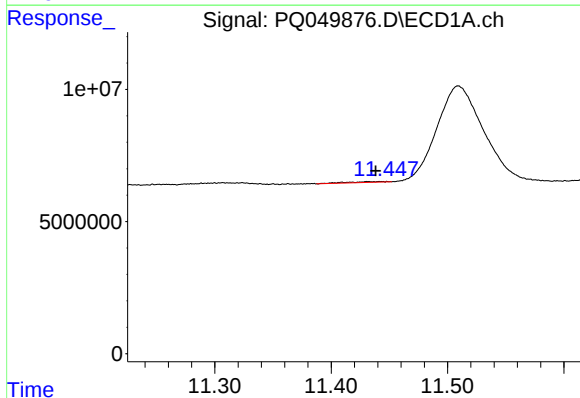
R.T.: 5.251 min
Delta R.T.: 0.024 min
Response: 138940110
Conc: 13.03 ng/ml

Instrument :
ECD_Q
ClientSampleId :



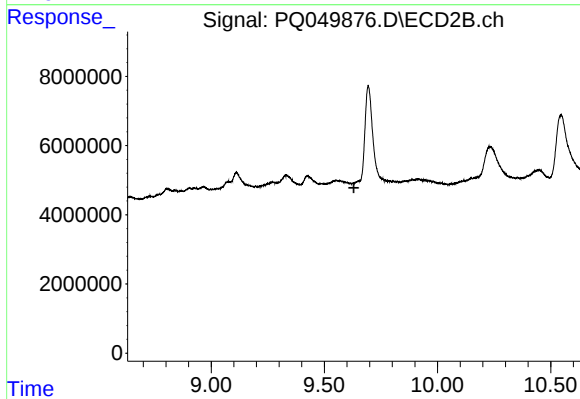
#1 Tetrachloro-m-xylene

R.T.: 4.301 min
Delta R.T.: 0.028 min
Response: 69760807
Conc: 13.46 ng/ml



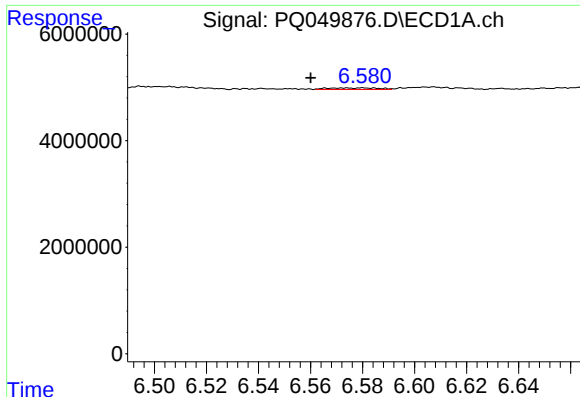
#2 Decachlorobiphenyl

R.T.: 11.443 min
Delta R.T.: 0.004 min
Response: 654666
Conc: 0.08 ng/ml



#2 Decachlorobiphenyl

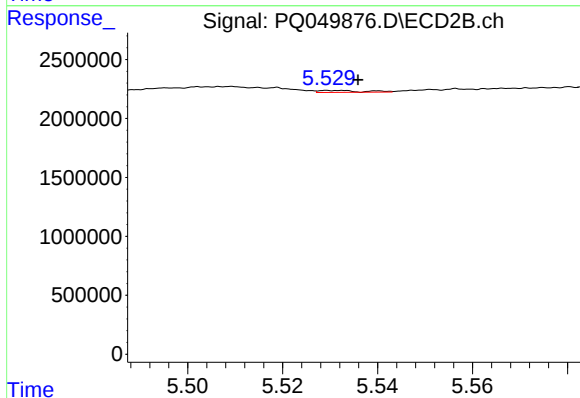
R.T.: 0.000 min
Exp R.T. : 9.631 min
Response: 0
Conc: N.D.



#3 AR-1016-1

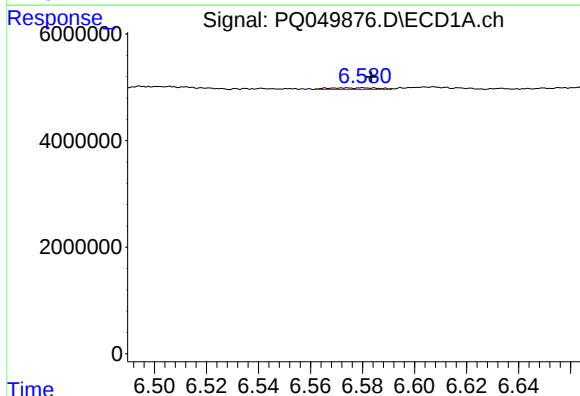
R.T.: 6.580 min
Delta R.T.: 0.020 min
Response: 396752
Conc: 1.31 ng/ml

Instrument :
ECD_Q
ClientSampleId :



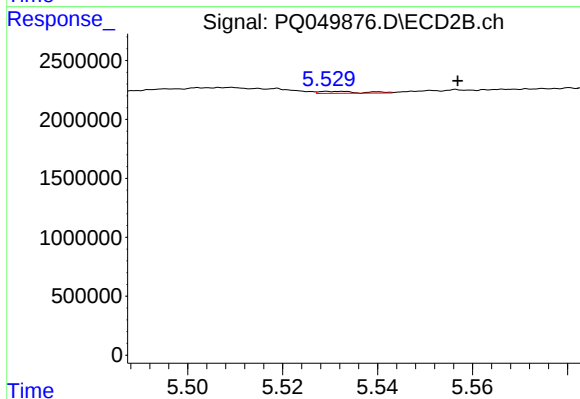
#3 AR-1016-1

R.T.: 5.531 min
Delta R.T.: -0.005 min
Response: 100397
Conc: 0.44 ng/ml



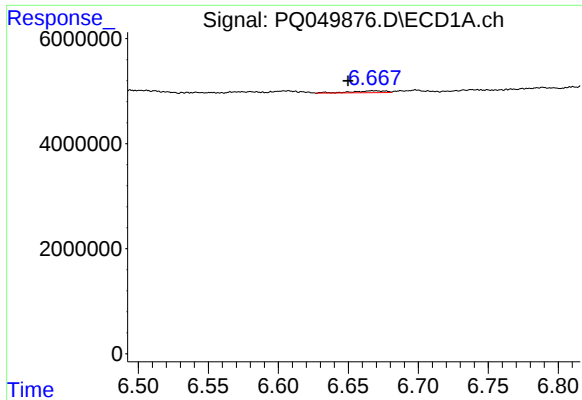
#4 AR-1016-2

R.T.: 6.580 min
Delta R.T.: -0.003 min
Response: 396752
Conc: 0.90 ng/ml



#4 AR-1016-2

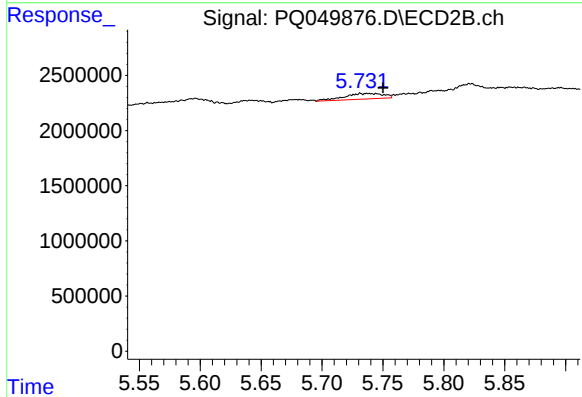
R.T.: 5.531 min
Delta R.T.: -0.026 min
Response: 100397
Conc: 0.32 ng/ml



#5 AR-1016-3

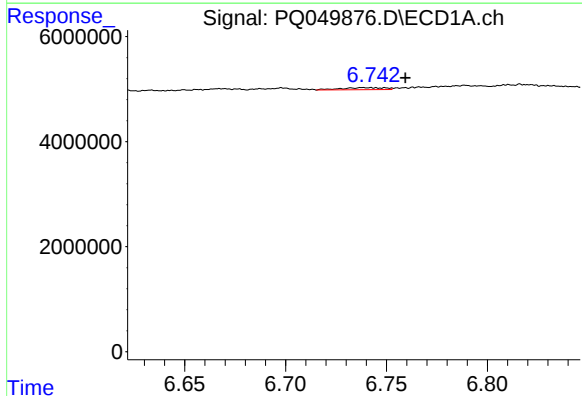
R.T.: 6.668 min
Delta R.T.: 0.018 min
Response: 597472
Conc: 2.08 ng/ml

Instrument :
ECD_Q
ClientSampleId :



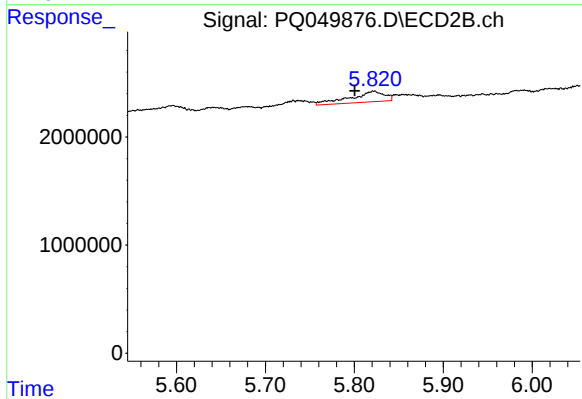
#5 AR-1016-3

R.T.: 5.732 min
Delta R.T.: -0.018 min
Response: 1141928
Conc: 7.52 ng/ml



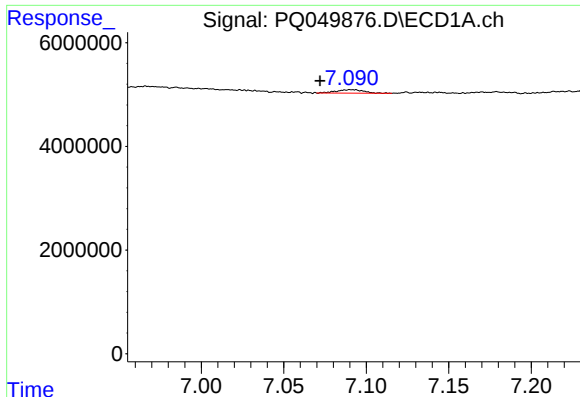
#6 AR-1016-4

R.T.: 6.739 min
Delta R.T.: -0.021 min
Response: 581295
Conc: 2.27 ng/ml



#6 AR-1016-4

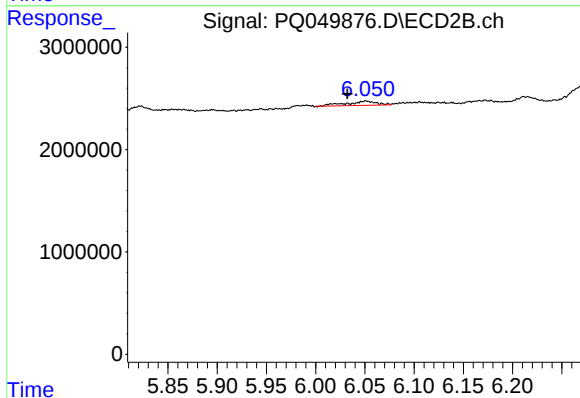
R.T.: 5.822 min
Delta R.T.: 0.022 min
Response: 2645326
Conc: 23.15 ng/ml



#7 AR-1016-5

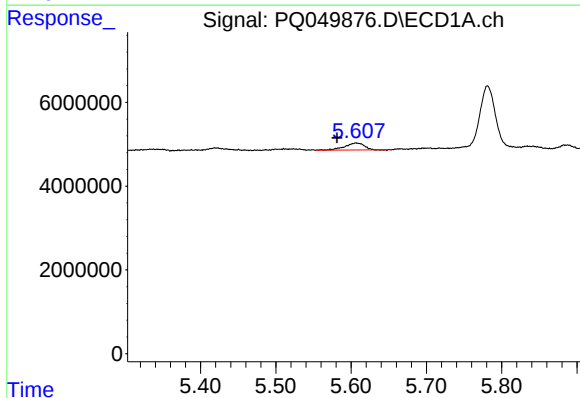
R.T.: 7.091 min
Delta R.T.: 0.019 min
Response: 766912
Conc: 3.55 ng/ml

Instrument :
ECD_Q
ClientSampleId :



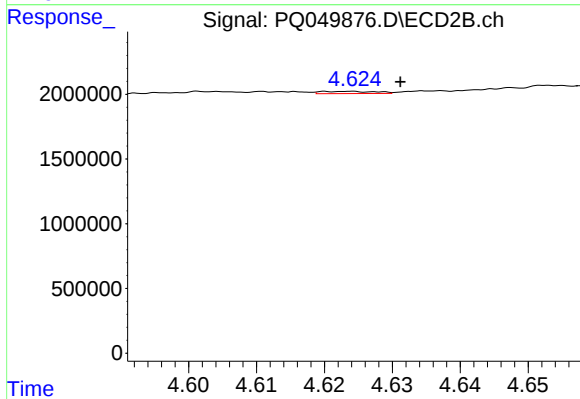
#7 AR-1016-5

R.T.: 6.051 min
Delta R.T.: 0.019 min
Response: 898430
Conc: 5.60 ng/ml



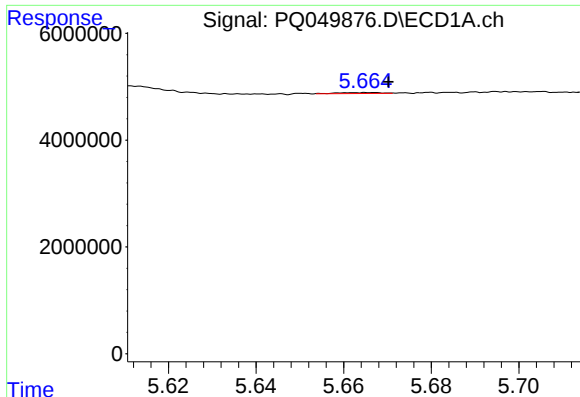
#9 AR-1221-2

R.T.: 5.607 min
Delta R.T.: 0.025 min
Response: 2931501
Conc: 32.32 ng/ml



#9 AR-1221-2

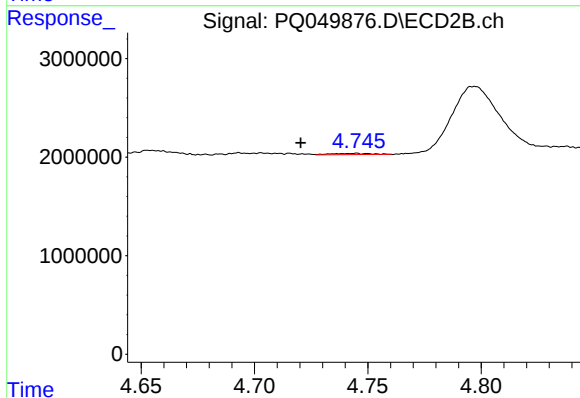
R.T.: 4.623 min
Delta R.T.: -0.008 min
Response: 94780
Conc: 2.22 ng/ml



#10 AR-1221-3

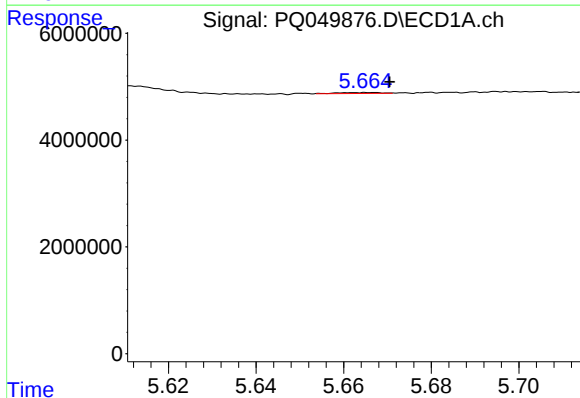
R.T.: 5.666 min
Delta R.T.: -0.004 min
Response: 117829
Conc: 0.45 ng/ml

Instrument :
ECD_Q
ClientSampleId :



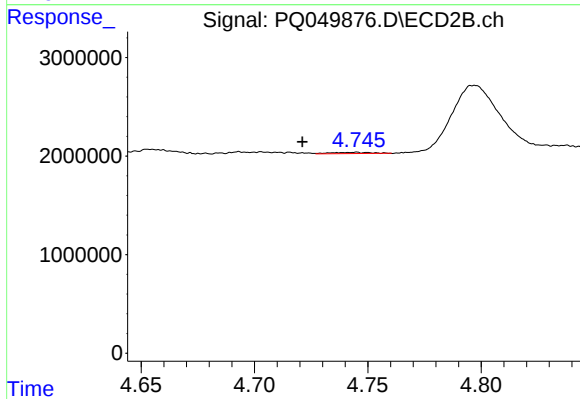
#10 AR-1221-3

R.T.: 4.745 min
Delta R.T.: 0.024 min
Response: 164211
Conc: 1.20 ng/ml



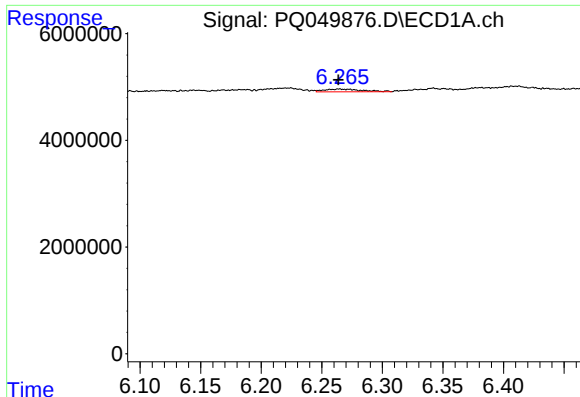
#11 AR-1232-1

R.T.: 5.666 min
Delta R.T.: -0.005 min
Response: 117829
Conc: 0.55 ng/ml



#11 AR-1232-1

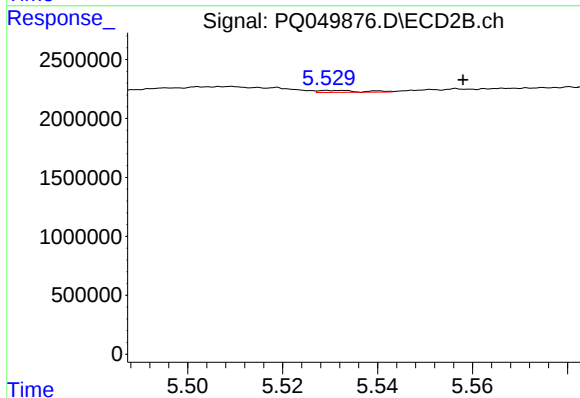
R.T.: 4.745 min
Delta R.T.: 0.024 min
Response: 164211
Conc: 1.49 ng/ml



#12 AR-1232-2

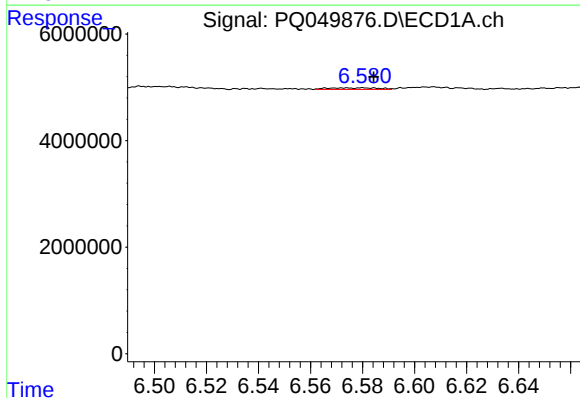
R.T.: 6.265 min
Delta R.T.: 0.000 min
Response: 1075625
Conc: 9.55 ng/ml

Instrument :
ECD_Q
ClientSampleId :



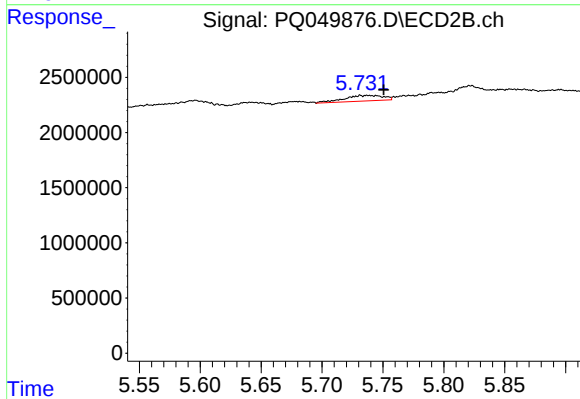
#12 AR-1232-2

R.T.: 5.531 min
Delta R.T.: -0.027 min
Response: 100397
Conc: 0.79 ng/ml



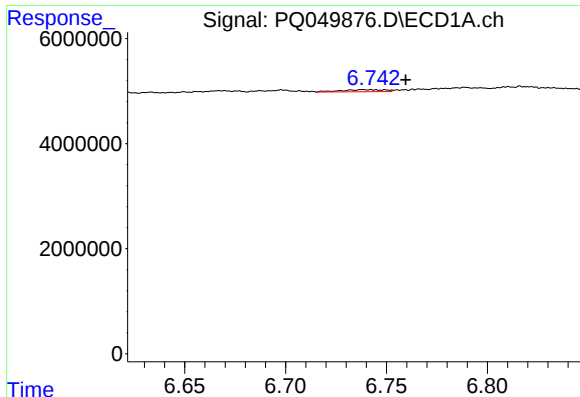
#13 AR-1232-3

R.T.: 6.580 min
Delta R.T.: -0.004 min
Response: 396752
Conc: 2.11 ng/ml



#13 AR-1232-3

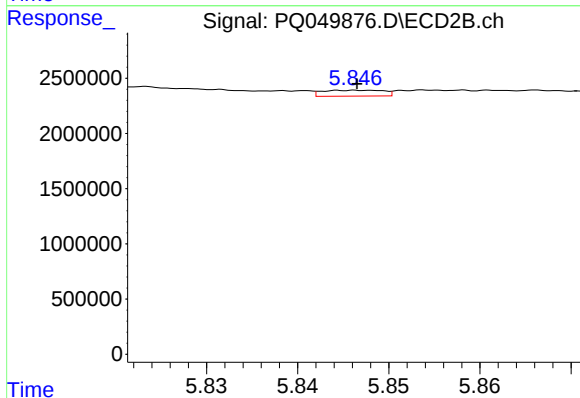
R.T.: 5.732 min
Delta R.T.: -0.019 min
Response: 1141928
Conc: 18.50 ng/ml



#14 AR-1232-4

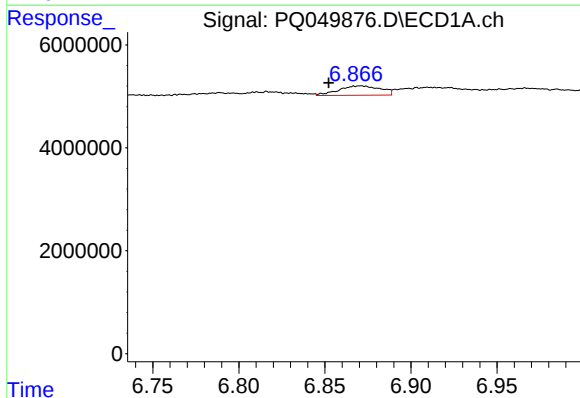
R.T.: 6.739 min
Delta R.T.: -0.021 min
Response: 581295
Conc: 4.87 ng/ml

Instrument :
ECD_Q
ClientSampleId :



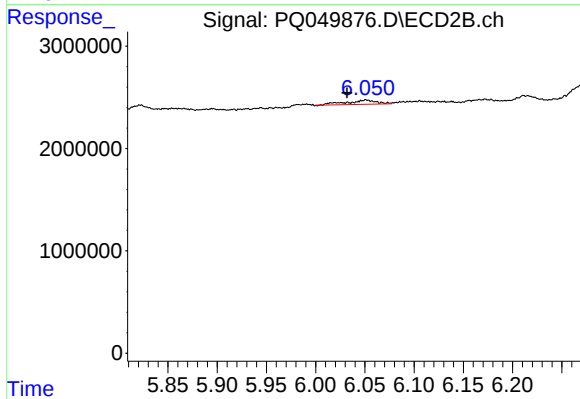
#14 AR-1232-4

R.T.: 5.847 min
Delta R.T.: 0.000 min
Response: 248904
Conc: 4.64 ng/ml



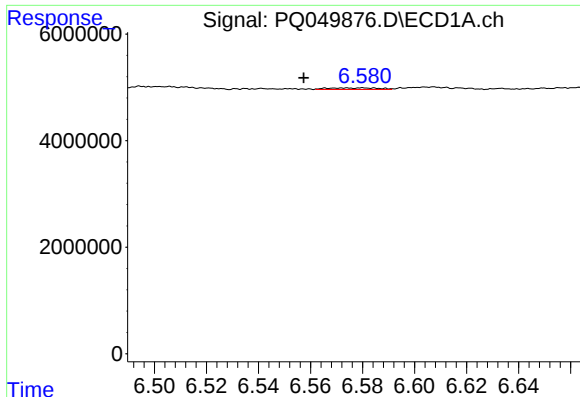
#15 AR-1232-5

R.T.: 6.871 min
Delta R.T.: 0.019 min
Response: 3090007
Conc: 34.13 ng/ml



#15 AR-1232-5

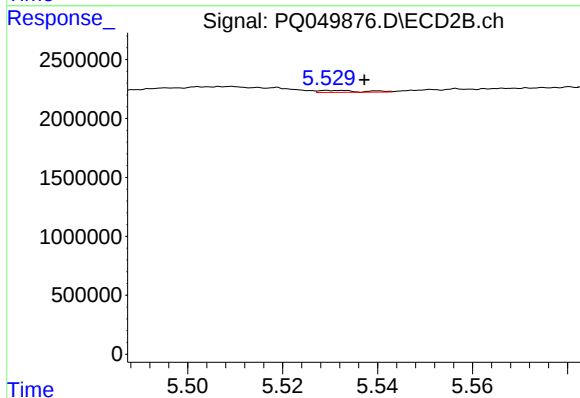
R.T.: 6.051 min
Delta R.T.: 0.019 min
Response: 898430
Conc: 14.42 ng/ml



#16 AR-1242-1

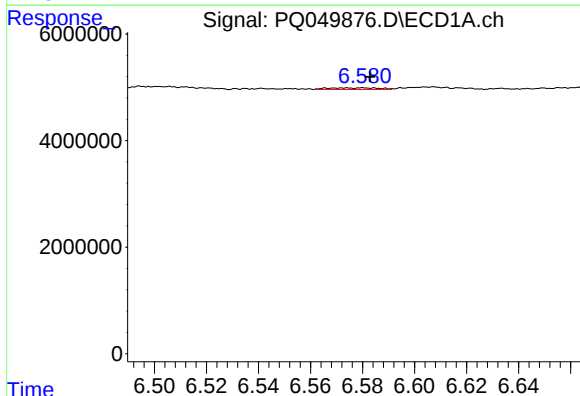
R.T.: 6.580 min
Delta R.T.: 0.023 min
Response: 396752
Conc: 1.36 ng/ml

Instrument :
ECD_Q
ClientSampleId :



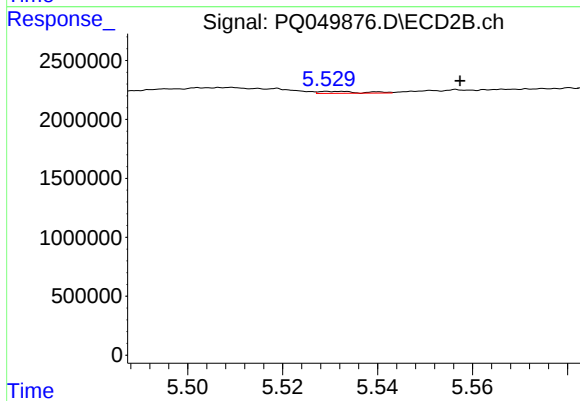
#16 AR-1242-1

R.T.: 5.531 min
Delta R.T.: -0.006 min
Response: 100397
Conc: 0.53 ng/ml



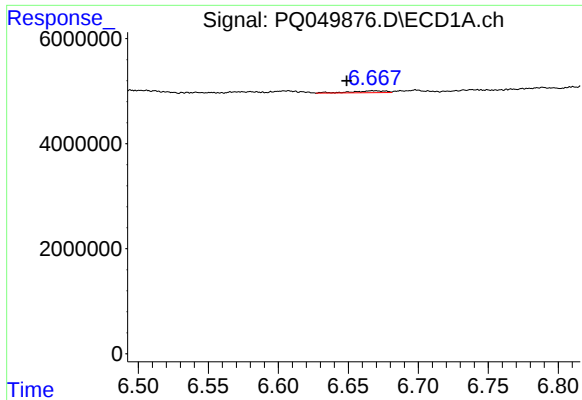
#17 AR-1242-2

R.T.: 6.580 min
Delta R.T.: -0.002 min
Response: 396752
Conc: 1.00 ng/ml



#17 AR-1242-2

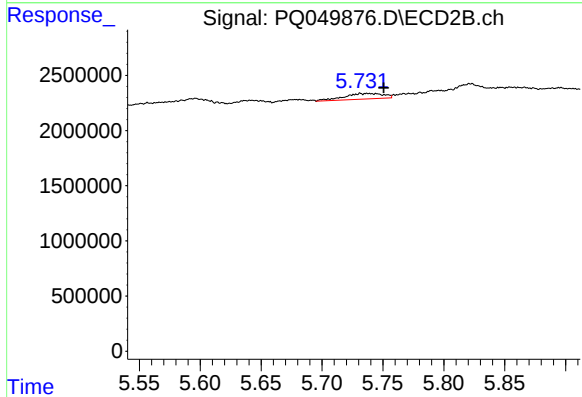
R.T.: 5.531 min
Delta R.T.: -0.026 min
Response: 100397
Conc: 0.38 ng/ml



#18 AR-1242-3

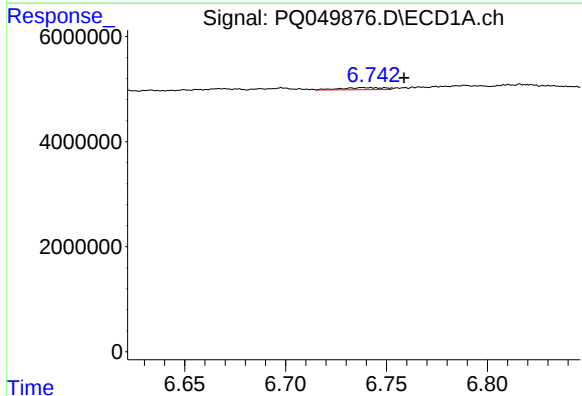
R.T.: 6.668 min
Delta R.T.: 0.019 min
Response: 597472
Conc: 2.39 ng/ml

Instrument :
ECD_Q
ClientSampleId :



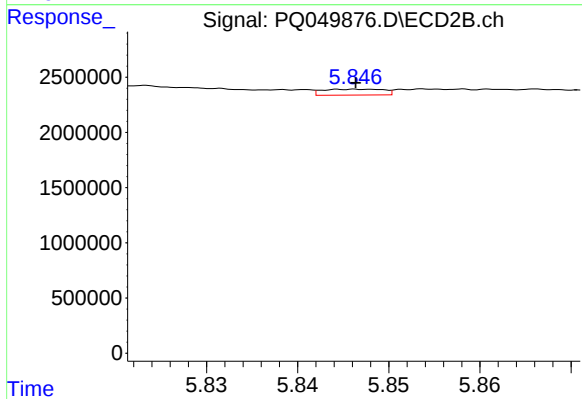
#18 AR-1242-3

R.T.: 5.732 min
Delta R.T.: -0.019 min
Response: 1141928
Conc: 8.16 ng/ml



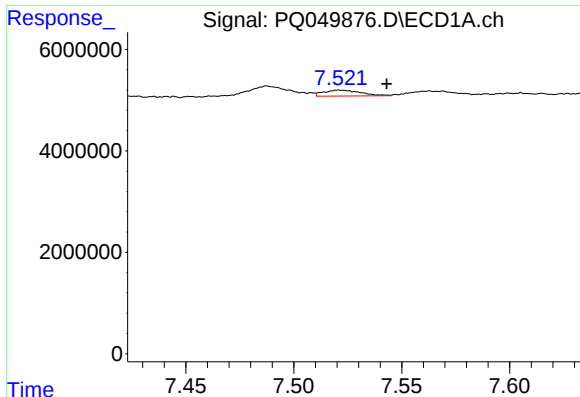
#19 AR-1242-4

R.T.: 6.739 min
Delta R.T.: -0.020 min
Response: 581295
Conc: 2.78 ng/ml



#19 AR-1242-4

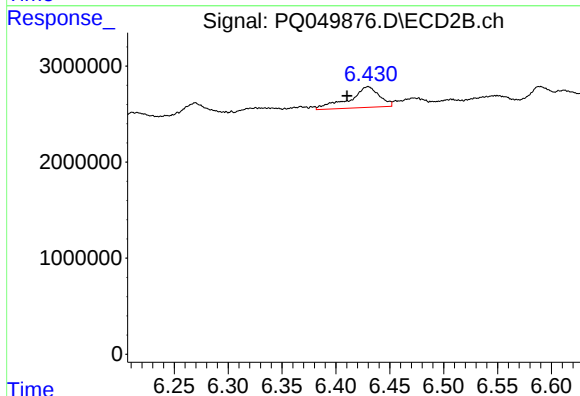
R.T.: 5.847 min
Delta R.T.: 0.000 min
Response: 248904
Conc: 1.91 ng/ml



#20 AR-1242-5

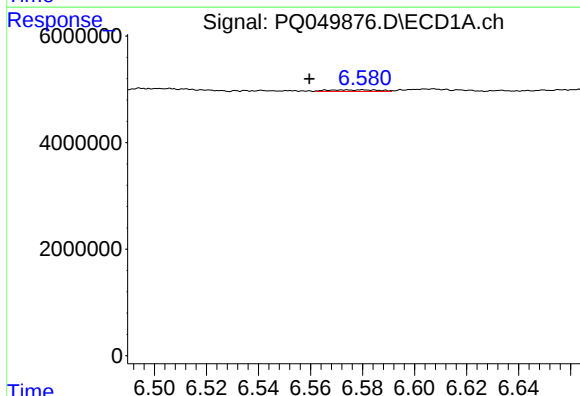
R.T.: 7.521 min
Delta R.T.: -0.022 min
Response: 1411241
Conc: 6.92 ng/ml

Instrument :
ECD_Q
ClientSampleId :



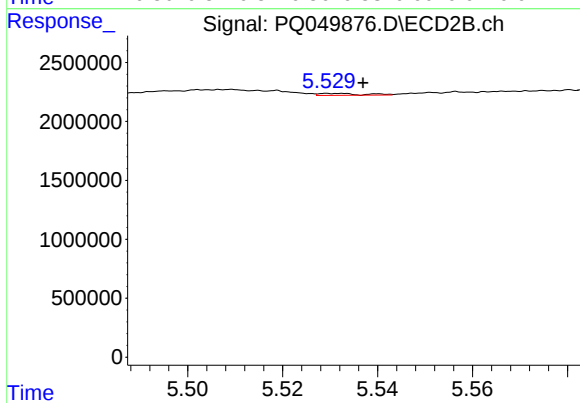
#20 AR-1242-5

R.T.: 6.430 min
Delta R.T.: 0.020 min
Response: 4159764
Conc: 22.01 ng/ml



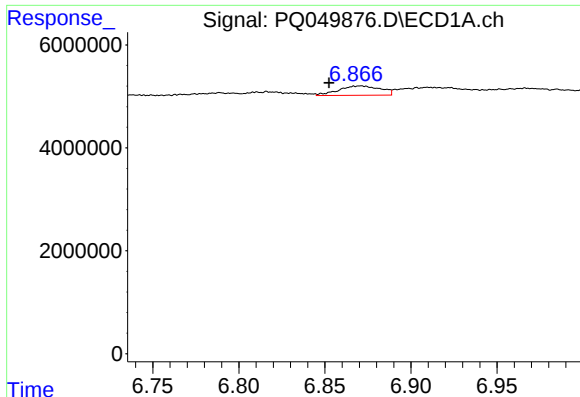
#21 AR-1248-1

R.T.: 6.580 min
Delta R.T.: 0.021 min
Response: 396752
Conc: 2.10 ng/ml



#21 AR-1248-1

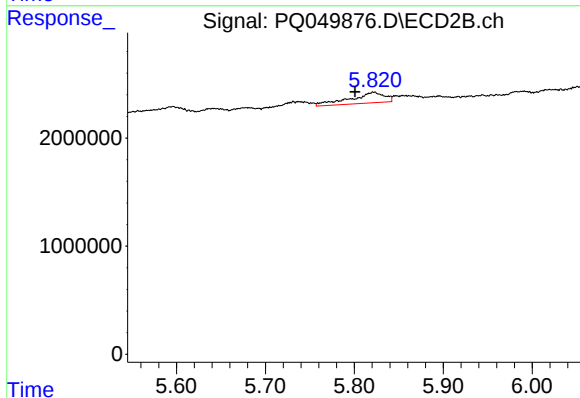
R.T.: 5.531 min
Delta R.T.: -0.006 min
Response: 100397
Conc: 0.75 ng/ml



#22 AR-1248-2

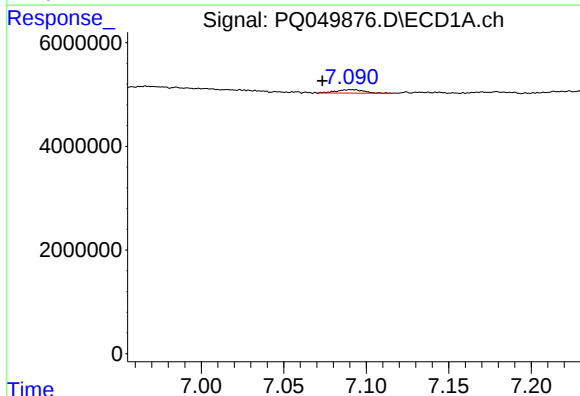
R.T.: 6.871 min
Delta R.T.: 0.019 min
Response: 3090007
Conc: 11.56 ng/ml

Instrument :
ECD_Q
ClientSampleId :



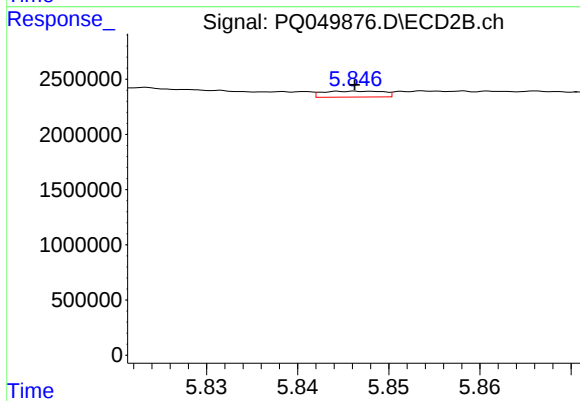
#22 AR-1248-2

R.T.: 5.822 min
Delta R.T.: 0.021 min
Response: 2645326
Conc: 16.86 ng/ml



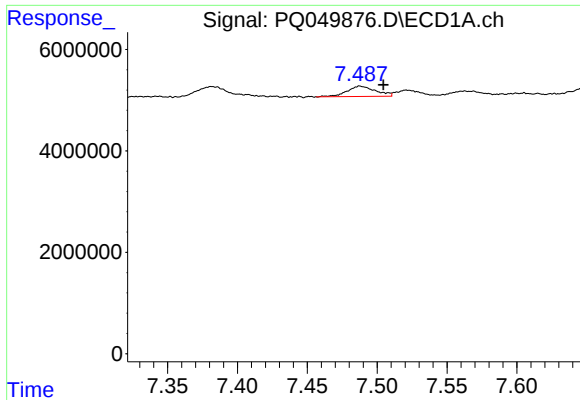
#23 AR-1248-3

R.T.: 7.091 min
Delta R.T.: 0.018 min
Response: 766912
Conc: 2.88 ng/ml



#23 AR-1248-3

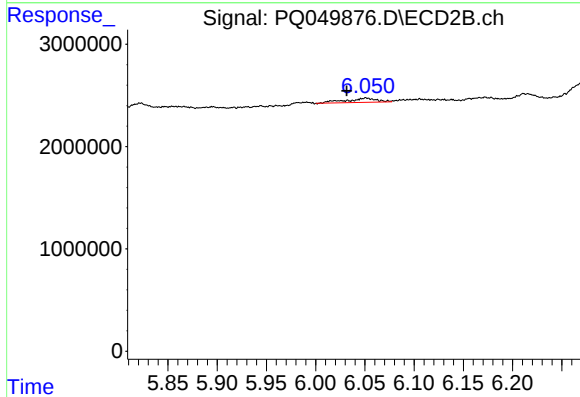
R.T.: 5.847 min
Delta R.T.: 0.000 min
Response: 248904
Conc: 1.50 ng/ml



#24 AR-1248-4

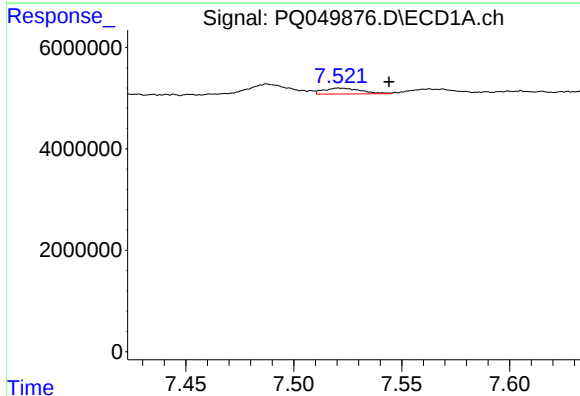
R.T.: 7.488 min
Delta R.T.: -0.017 min
Response: 2923431
Conc: 9.40 ng/ml

Instrument :
ECD_Q
ClientSampleId :



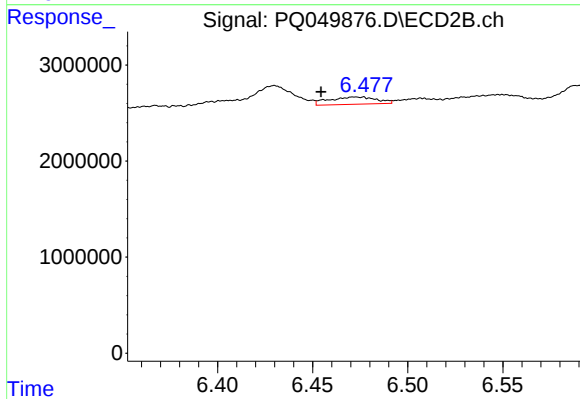
#24 AR-1248-4

R.T.: 6.051 min
Delta R.T.: 0.020 min
Response: 898430
Conc: 4.31 ng/ml



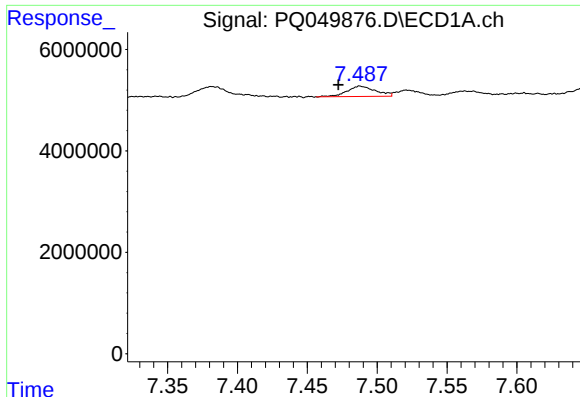
#25 AR-1248-5

R.T.: 7.521 min
Delta R.T.: -0.023 min
Response: 1411241
Conc: 4.67 ng/ml



#25 AR-1248-5

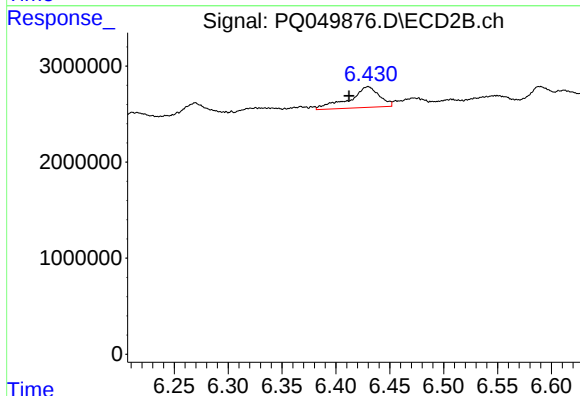
R.T.: 6.472 min
Delta R.T.: 0.018 min
Response: 1312183
Conc: 5.73 ng/ml



#26 AR-1254-1

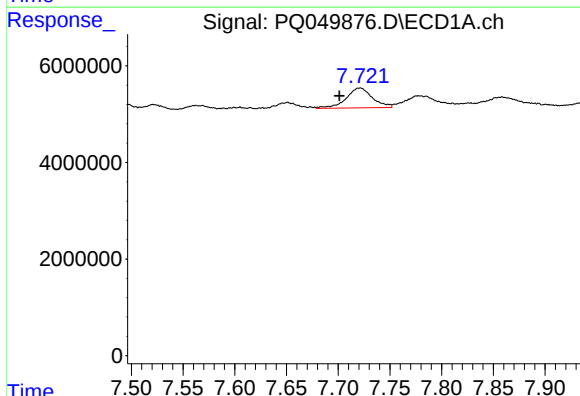
R.T.: 7.488 min
Delta R.T.: 0.015 min
Response: 2923431
Conc: 10.27 ng/ml

Instrument :
ECD_Q
ClientSampleId :



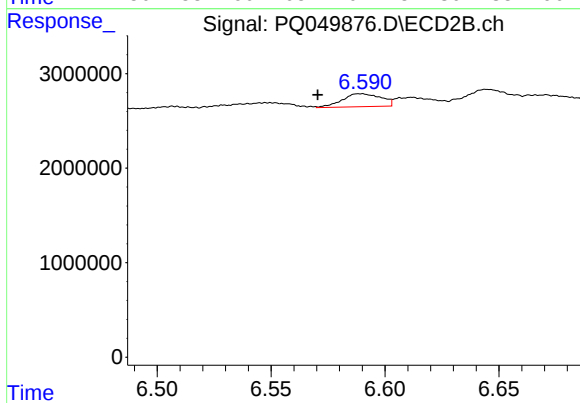
#26 AR-1254-1

R.T.: 6.430 min
Delta R.T.: 0.018 min
Response: 4159764
Conc: 12.61 ng/ml



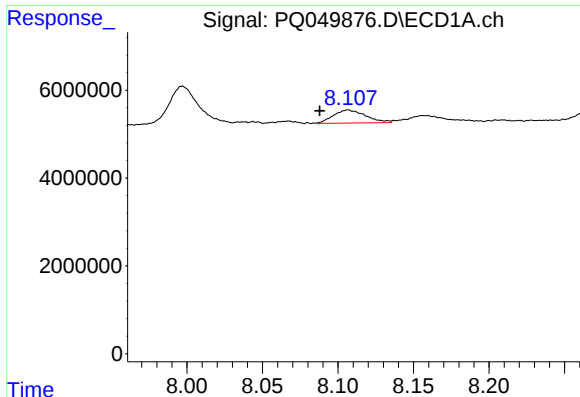
#27 AR-1254-2

R.T.: 7.721 min
Delta R.T.: 0.020 min
Response: 7287028
Conc: 16.51 ng/ml



#27 AR-1254-2

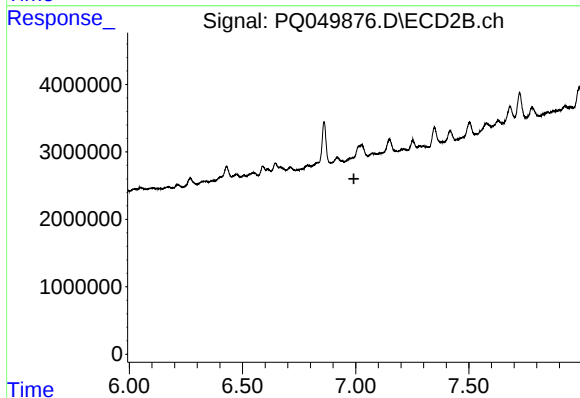
R.T.: 6.589 min
Delta R.T.: 0.019 min
Response: 1606044
Conc: 5.58 ng/ml



#28 AR-1254-3

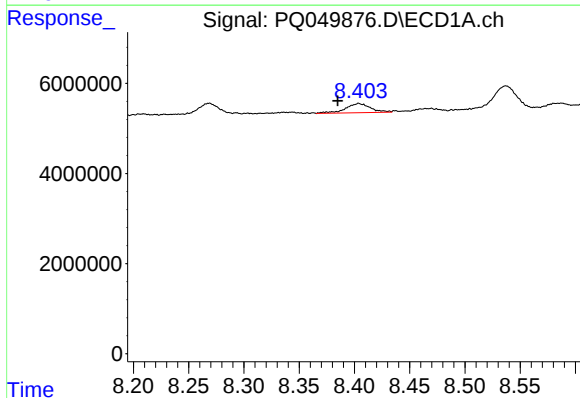
R.T.: 8.107 min
Delta R.T.: 0.019 min
Response: 4461904
Conc: 9.91 ng/ml

Instrument :
ECD_Q
ClientSampleId :



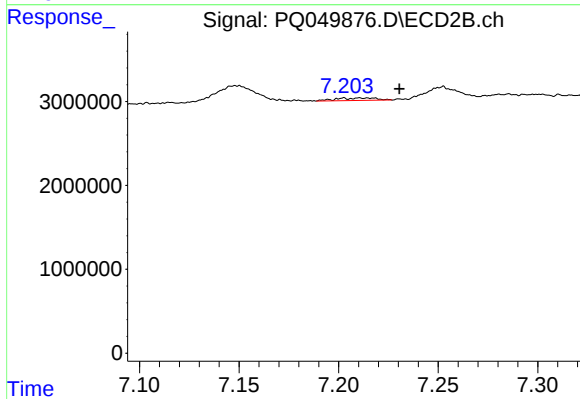
#28 AR-1254-3

R.T.: 0.000 min
Exp R.T. : 6.992 min
Response: 0
Conc: N.D.



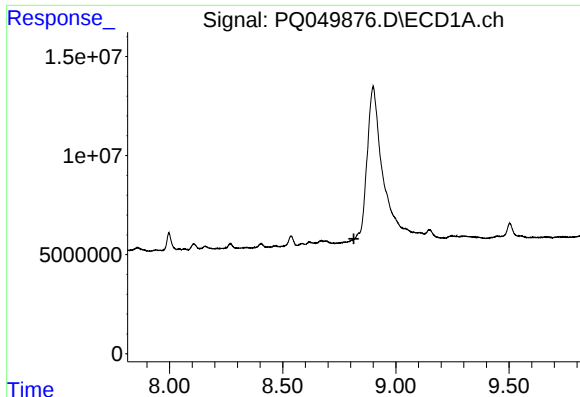
#29 AR-1254-4

R.T.: 8.404 min
Delta R.T.: 0.019 min
Response: 3187422
Conc: 8.91 ng/ml



#29 AR-1254-4

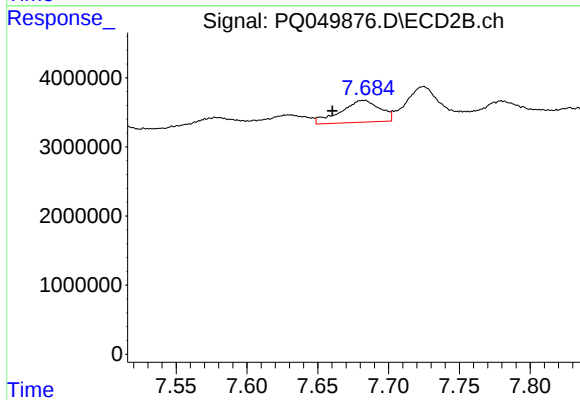
R.T.: 7.211 min
Delta R.T.: -0.020 min
Response: 427357
Conc: 1.22 ng/ml



#30 AR-1254-5

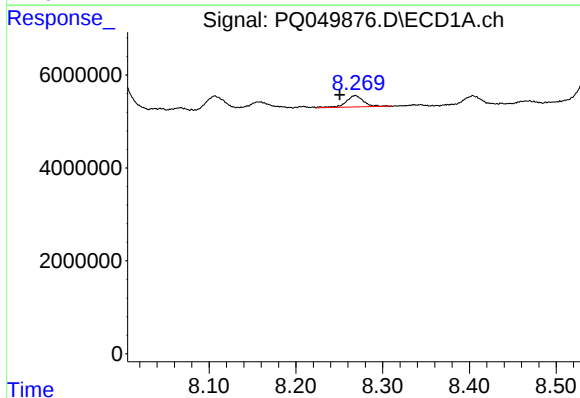
R.T.: 0.000 min
Exp R.T.: 8.815 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



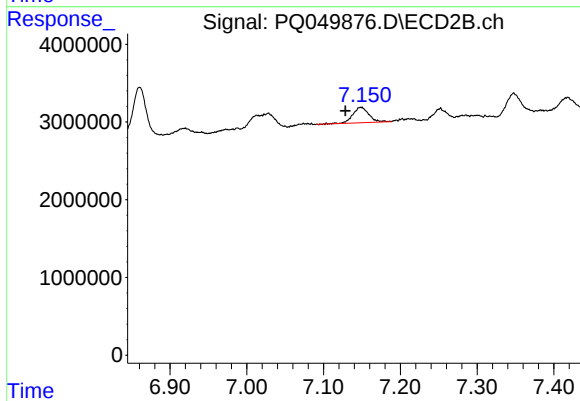
#30 AR-1254-5

R.T.: 7.682 min
Delta R.T.: 0.022 min
Response: 6113822
Conc: 13.39 ng/ml



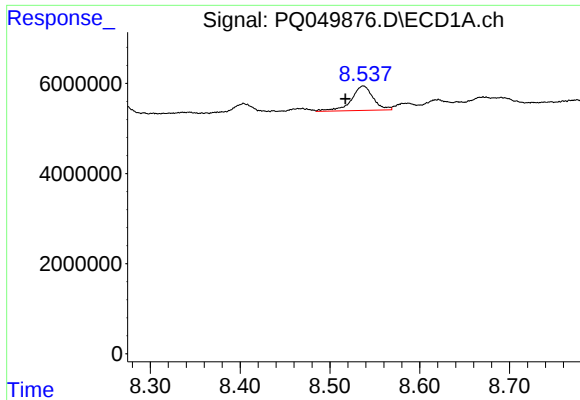
#31 AR-1260-1

R.T.: 8.268 min
Delta R.T.: 0.018 min
Response: 3462940
Conc: 9.76 ng/ml



#31 AR-1260-1

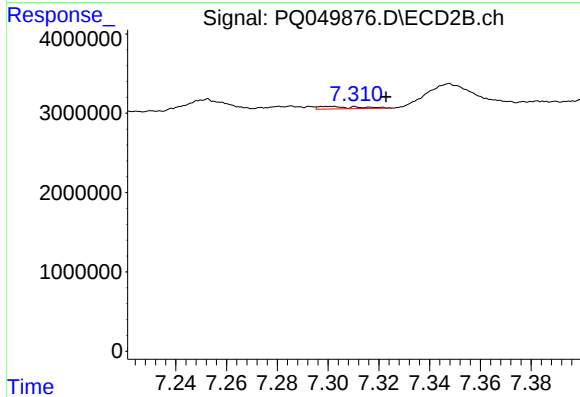
R.T.: 7.149 min
Delta R.T.: 0.020 min
Response: 2909516
Conc: 8.88 ng/ml



#32 AR-1260-2

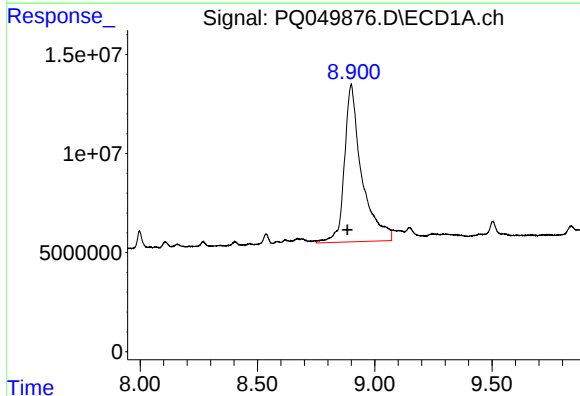
R.T.: 8.537 min
Delta R.T.: 0.020 min
Response: 9154927
Conc: 20.86 ng/ml

Instrument :
ECD_Q
ClientSampleId :



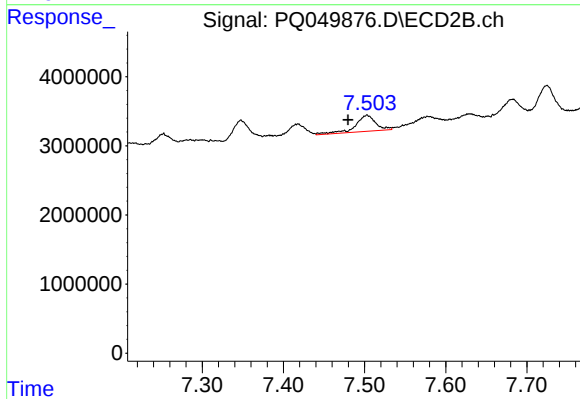
#32 AR-1260-2

R.T.: 7.300 min
Delta R.T.: -0.023 min
Response: 330346
Conc: 0.70 ng/ml



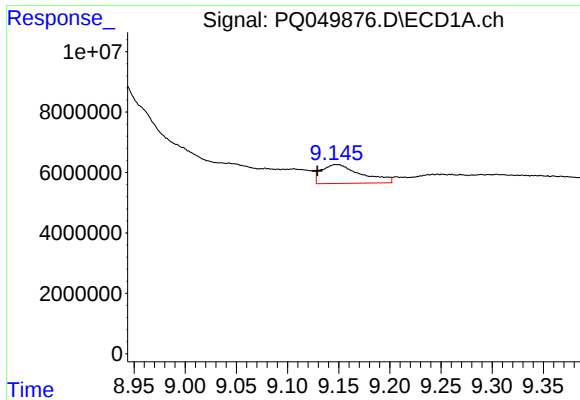
#33 AR-1260-3

R.T.: 8.900 min
Delta R.T.: 0.016 min
Response: 408112811
Conc: 1167.44 ng/ml



#33 AR-1260-3

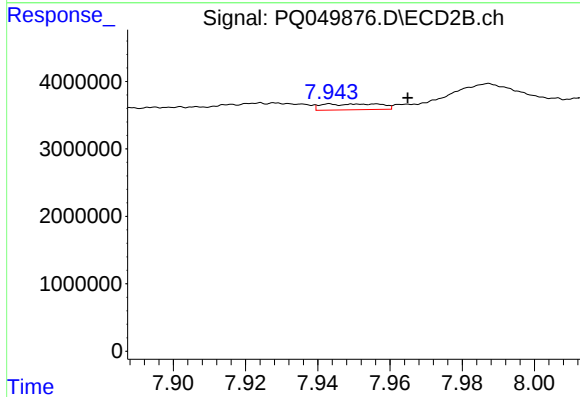
R.T.: 7.503 min
Delta R.T.: 0.023 min
Response: 4014594
Conc: 10.19 ng/ml



#34 AR-1260-4

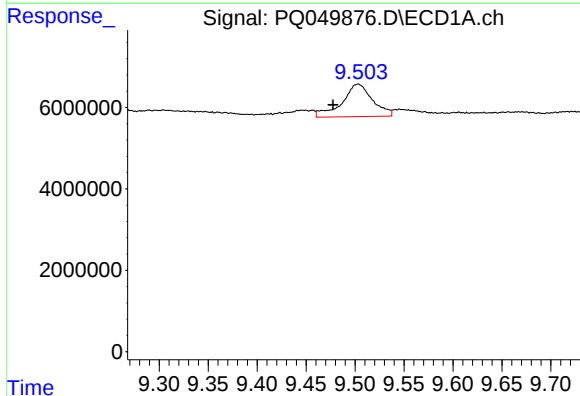
R.T.: 9.148 min
Delta R.T.: 0.019 min
Response: 16895370
Conc: 43.24 ng/ml

Instrument :
ECD_Q
ClientSampleId :



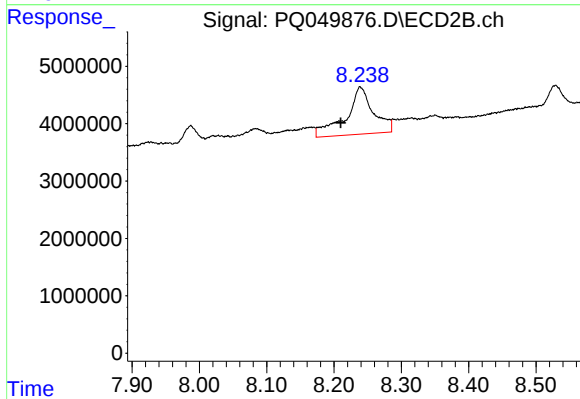
#34 AR-1260-4

R.T.: 7.943 min
Delta R.T.: -0.021 min
Response: 987507
Conc: 2.96 ng/ml



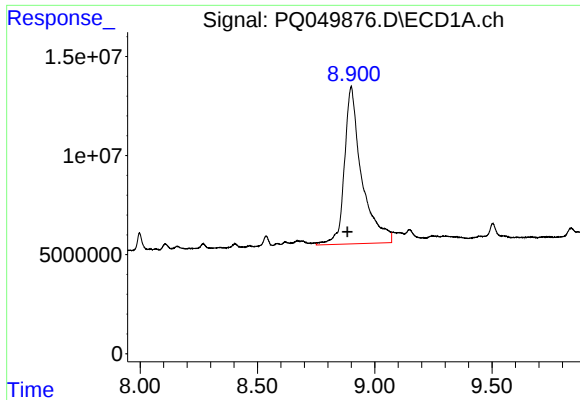
#35 AR-1260-5

R.T.: 9.503 min
Delta R.T.: 0.026 min
Response: 17275572
Conc: 21.03 ng/ml



#35 AR-1260-5

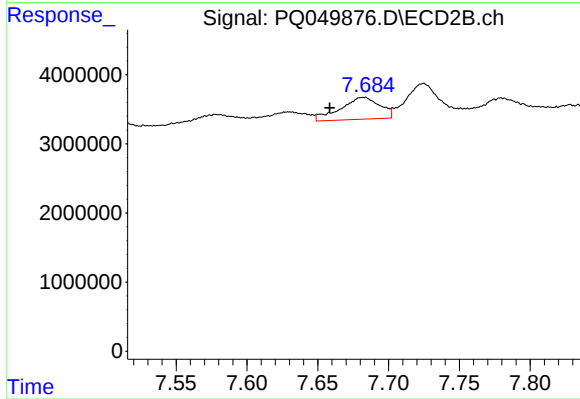
R.T.: 8.239 min
Delta R.T.: 0.029 min
Response: 23437413
Conc: 26.40 ng/ml



#36 AR-1262-1

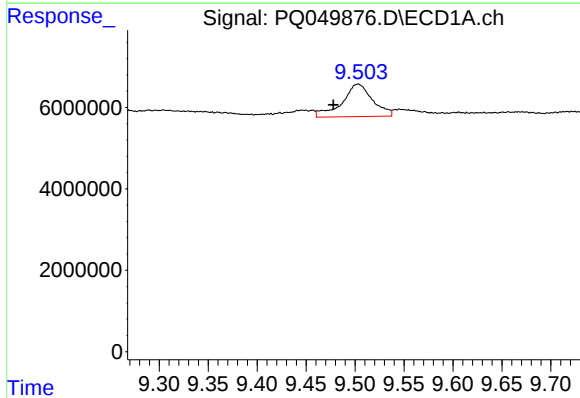
R.T.: 8.900 min
Delta R.T.: 0.016 min
Response: 408112811
Conc: 889.49 ng/ml

Instrument :
ECD_Q
ClientSampleId :



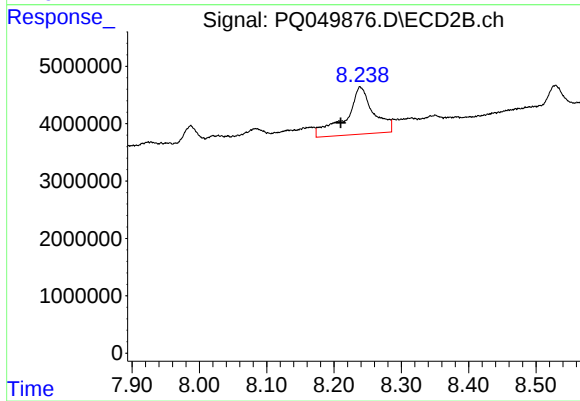
#36 AR-1262-1

R.T.: 7.682 min
Delta R.T.: 0.024 min
Response: 6113822
Conc: 24.80 ng/ml



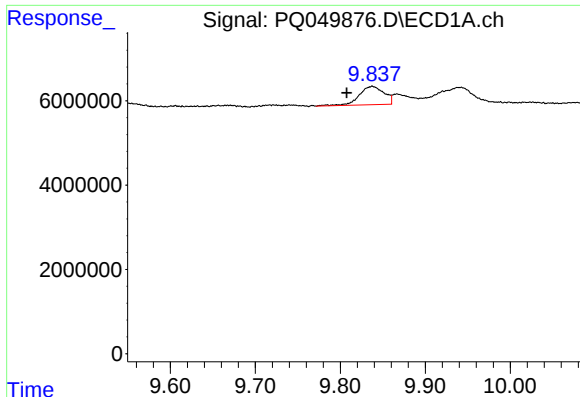
#37 AR-1262-2

R.T.: 9.503 min
Delta R.T.: 0.025 min
Response: 17275572
Conc: 20.54 ng/ml



#37 AR-1262-2

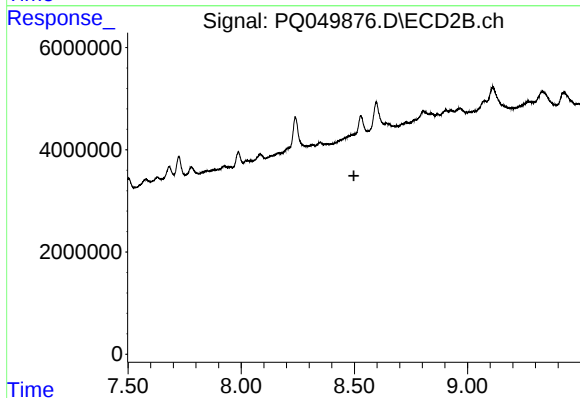
R.T.: 8.239 min
Delta R.T.: 0.029 min
Response: 23437413
Conc: 24.36 ng/ml



#38 AR-1262-3

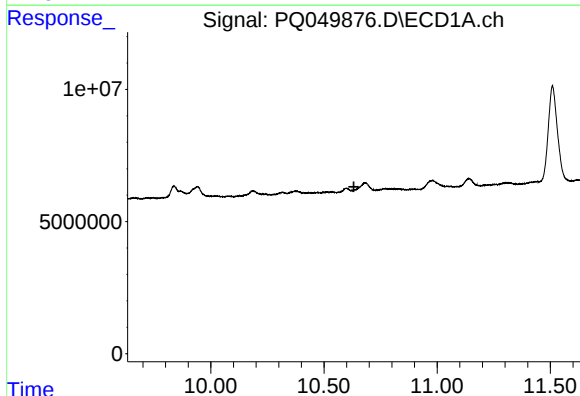
R.T.: 9.838 min
Delta R.T.: 0.030 min
Response: 8944702
Conc: 22.60 ng/ml

Instrument :
ECD_Q
ClientSampleId :



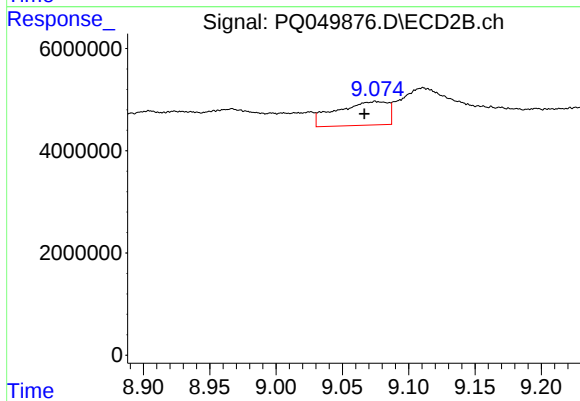
#38 AR-1262-3

R.T.: 0.000 min
Exp R.T. : 8.498 min
Response: 0
Conc: N.D.



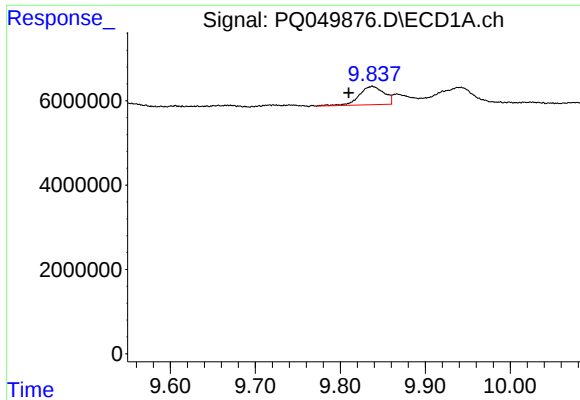
#40 AR-1262-5

R.T.: 0.000 min
Exp R.T. : 10.632 min
Response: 0
Conc: N.D.



#40 AR-1262-5

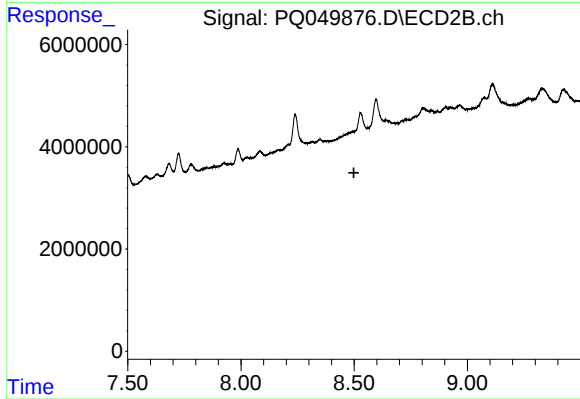
R.T.: 9.075 min
Delta R.T.: 0.009 min
Response: 12602624
Conc: 45.08 ng/ml



#41 AR-1268-1

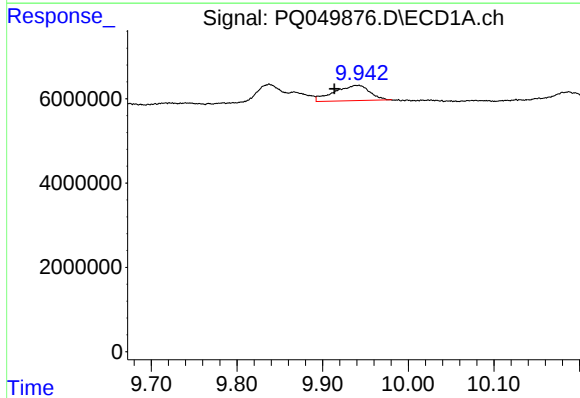
R.T.: 9.838 min
Delta R.T.: 0.028 min
Response: 8944702
Conc: 8.60 ng/ml

Instrument :
ECD_Q
ClientSampleId :



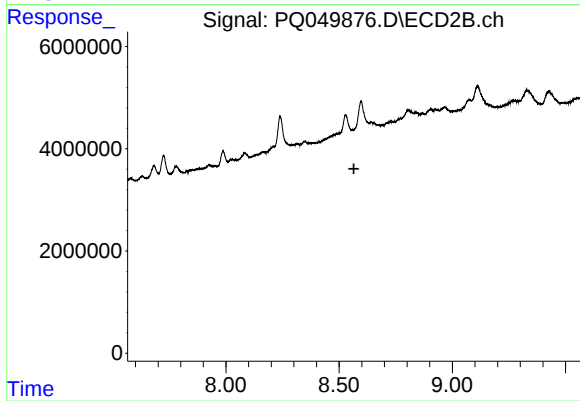
#41 AR-1268-1

R.T.: 0.000 min
Exp R.T. : 8.499 min
Response: 0
Conc: N.D.



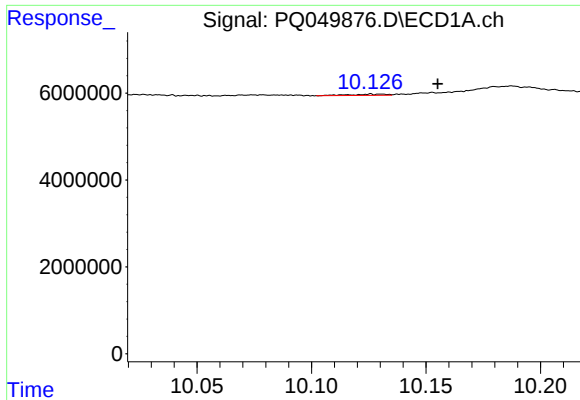
#42 AR-1268-2

R.T.: 9.941 min
Delta R.T.: 0.028 min
Response: 10511465
Conc: 10.69 ng/ml



#42 AR-1268-2

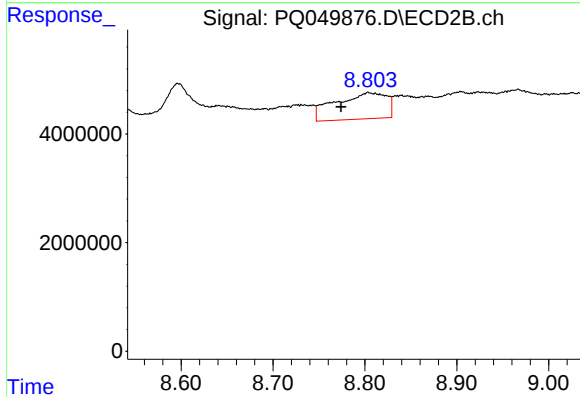
R.T.: 0.000 min
Exp R.T. : 8.565 min
Response: 0
Conc: N.D.



#43 AR-1268-3

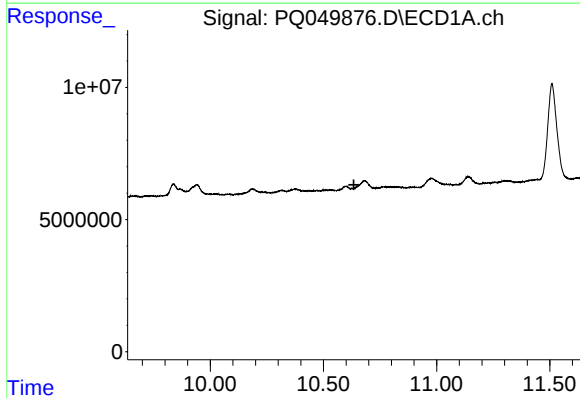
R.T.: 10.126 min
Delta R.T.: -0.029 min
Response: 334069
Conc: 0.38 ng/ml

Instrument :
ECD_Q
ClientSampleId :



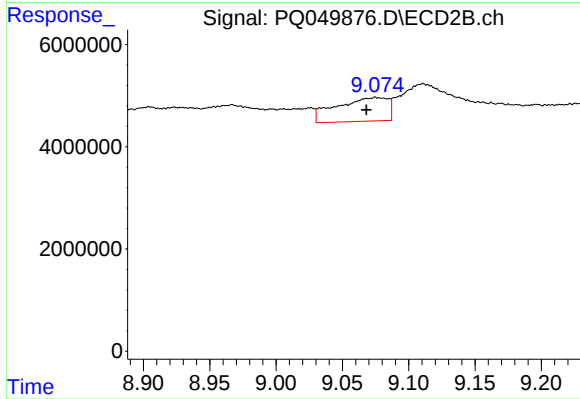
#43 AR-1268-3

R.T.: 8.804 min
Delta R.T.: 0.030 min
Response: 18736191
Conc: 25.14 ng/ml



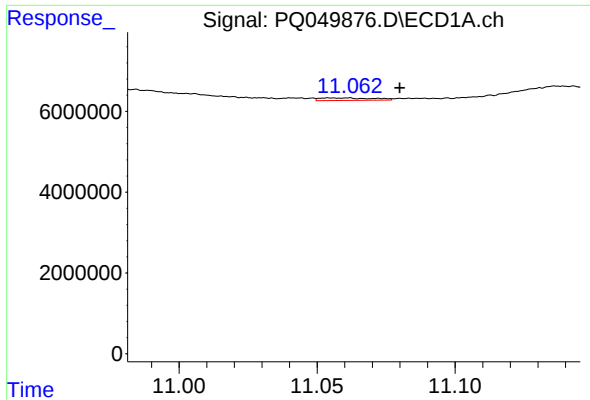
#44 AR-1268-4

R.T.: 0.000 min
Exp R.T. : 10.634 min
Response: 0
Conc: N.D.



#44 AR-1268-4

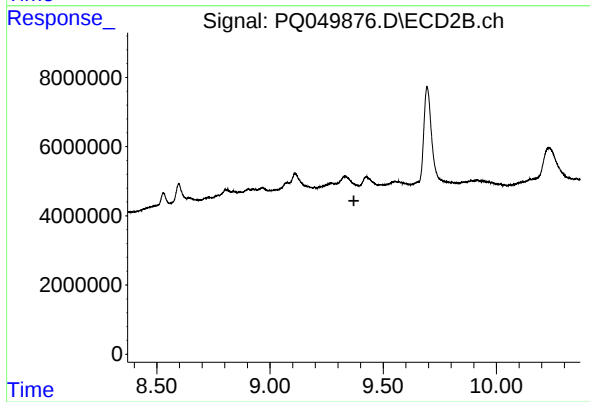
R.T.: 9.075 min
Delta R.T.: 0.007 min
Response: 12602624
Conc: 38.15 ng/ml



#45 AR-1268-5

R.T.: 11.055 min
Delta R.T.: -0.025 min
Response: 822152
Conc: 0.32 ng/ml

Instrument :
ECD_Q
ClientSampleId :



#45 AR-1268-5

R.T.: 0.000 min
Exp R.T. : 9.370 min
Response: 0
Conc: N.D.