

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR081619\
 Data File : PR040421.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 16 Aug 2019 13:51
 Operator : SM\AJ
 Sample : K3591-09
 Misc : AR1254 MDL 25 PPB
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 ECD_R
 ClientSampleId :
 MDL-MDL-WATER-03-QT3-2019

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 16 23:53:52 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR081519.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Thu Aug 15 15:16:04 2019
 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...	3.755	4.598	14137593	70065729	11.505	11.360
2)	SA Decachlor...	8.677	10.315	59554224	232.2E6	20.673	20.004
Target Compounds							
5)	L1 AR-1016-3	5.052	0.000	783632	0	17.592	N.D. #
6)	L1 AR-1016-4	5.052	0.000	783632	0	21.927	N.D. #
7)	L1 AR-1016-5	0.000	6.222	0	2025247	N.D.	10.420 #
8)	L2 AR-1221-1	0.000	4.830	0	962243	N.D.	12.015 #
9)	L2 AR-1221-2	0.000	4.898	0	738399	N.D.	11.763 #
10)	L2 AR-1221-3	0.000	4.902	0	1234055	N.D.	6.160 #
11)	L3 AR-1232-1	0.000	4.902	0	1234055	N.D.	5.936 #
13)	L3 AR-1232-3	5.052	0.000	783632	0	26.845	N.D. #
14)	L3 AR-1232-4	5.052	0.000	783632	0	30.114	N.D. #
15)	L3 AR-1232-5	0.000	6.019	0	3064350	N.D.	33.702 #
18)	L4 AR-1242-3	5.052	0.000	783632	0	18.436	N.D. #
19)	L4 AR-1242-4	5.052	0.000	783632	0	18.952	N.D. #
20)	L4 AR-1242-5	5.603	6.660	2189777	2564016	35.662	11.141 #
22)	L5 AR-1248-2	5.052	6.019	783632	3064350	14.549	12.509
23)	L5 AR-1248-3	5.052	6.222	783632	2025247	14.008	7.049 #
24)	L5 AR-1248-4	0.000	6.621	0	3620546	N.D.	10.087 #
25)	L5 AR-1248-5	5.603	6.660	2189777	2564016	28.333	7.407 #
26)	L6 AR-1254-1	5.603	6.593	2189777	7603807	16.130	19.261
27)	L6 AR-1254-2	5.748	6.808	2232558	11263078	18.715	17.815
28)	L6 AR-1254-3	6.144	7.172	4051345	14585176	19.031	20.189
29)	L6 AR-1254-4	6.369	7.454	2372510	10423131	14.393	18.980 #
30)	L6 AR-1254-5	6.778	7.866	4228142	11747988	21.142	19.685
31)	L7 AR-1260-1	6.271	7.329	2101792	5536299	18.633	13.450 #
32)	L7 AR-1260-2	6.454	7.582	1787514	5533445	12.298	10.888
33)	L7 AR-1260-3	6.606	7.931	1976569	1378708	14.725	3.368 #
34)	L7 AR-1260-4	7.109	8.159	1094270	4846340	8.801	10.163
35)	L7 AR-1260-5	7.288	8.490	234992	1996465	0.745	1.925 #
36)	L8 AR-1262-1	0.000	7.931	0	1378708	N.D.	2.306 #
37)	L8 AR-1262-2	7.288	8.490	234992	1996465	0.668	1.678 #
38)	L8 AR-1262-3	7.648	8.823	521277	1434462	3.725	1.772 #
39)	L8 AR-1262-4	7.648	0.000	521277	0	1.964	N.D. #
41)	L9 AR-1268-1	7.648	8.823	521277	1434462	1.417	1.096
42)	L9 AR-1268-2	7.648	0.000	521277	0	1.522	N.D. #
43)	L9 AR-1268-3	0.000	9.128	0	1115267	N.D.	1.057 #
45)	L9 AR-1268-5	0.000	9.978	0	1777353	N.D.	0.451 #

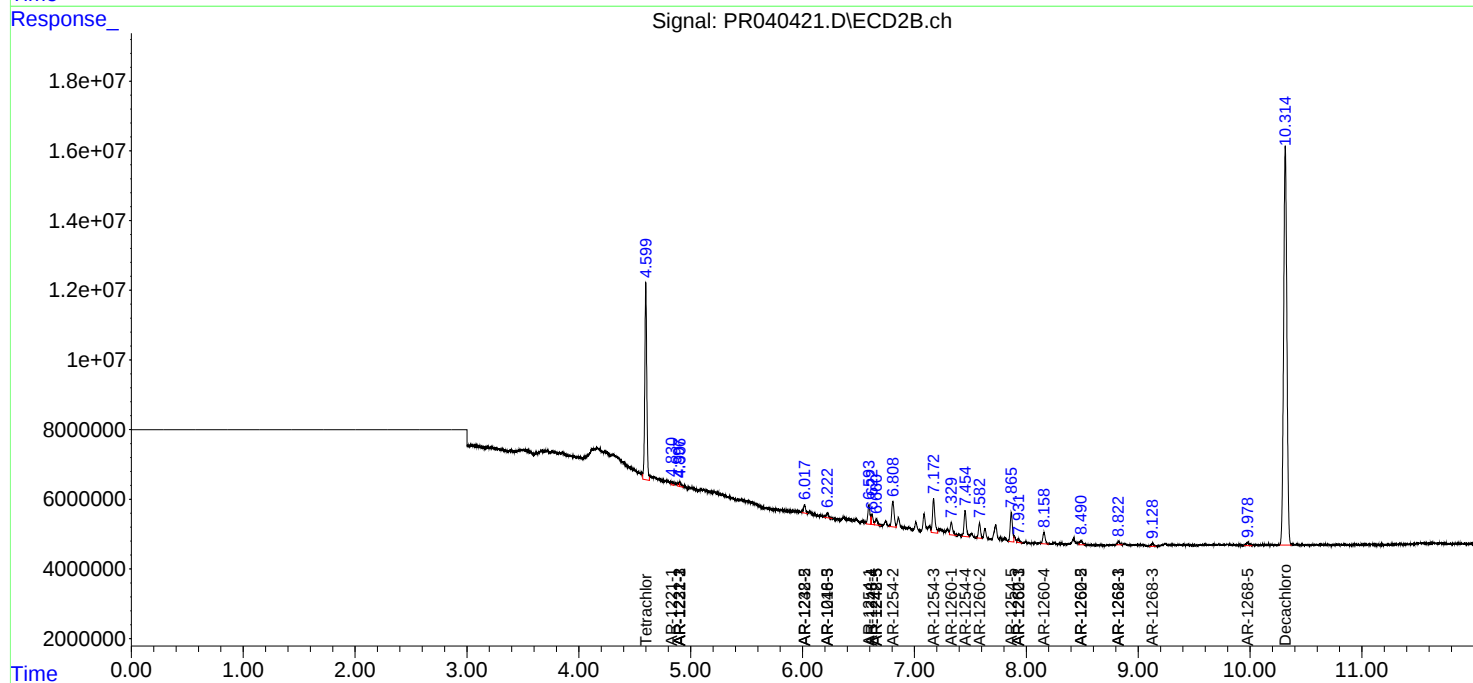
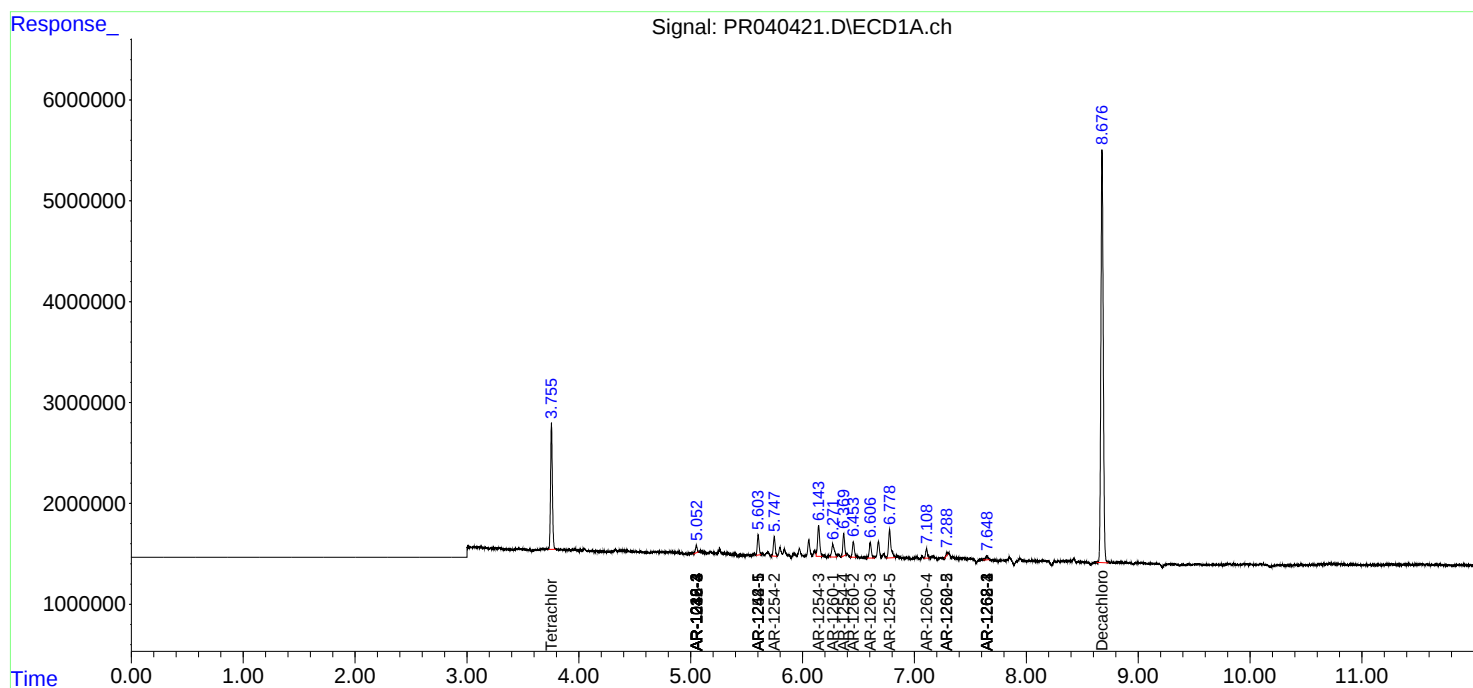
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

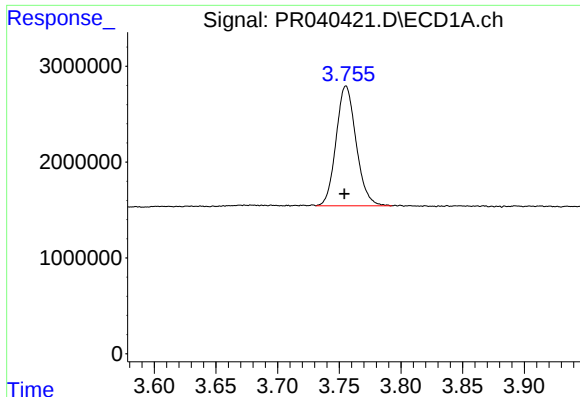
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR081619\
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MDL-MDL-WATER-03-QT3-2019

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Integration File signal 2: autoint2.e
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Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR081519.M
Quant Title : GC EXTRACTABLES
QLast Update : Thu Aug 15 15:16:04 2019
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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

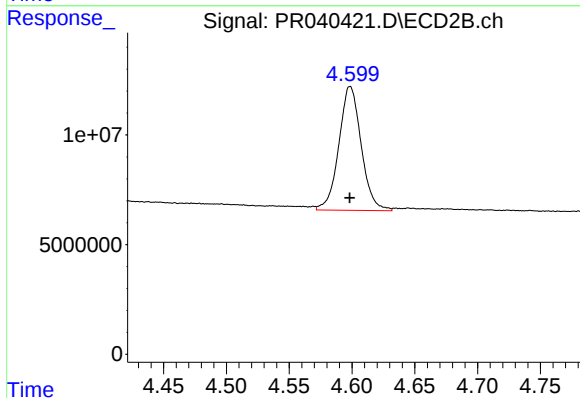




#1 Tetrachloro-m-xylene

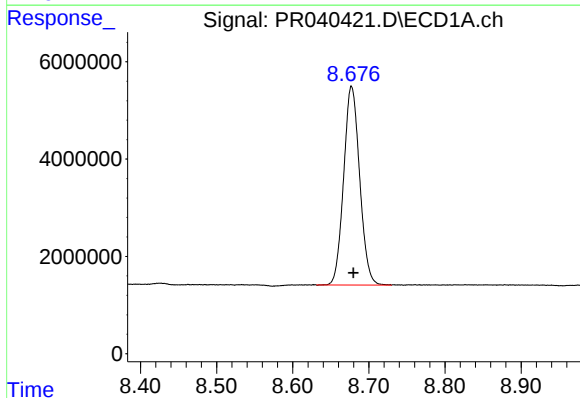
R.T.: 3.755 min
Delta R.T.: 0.001 min
Response: 14137593
Conc: 11.51 ng/ml

Instrument :
ECD_R
ClientSampleId :
MDL-MDL-WATER-03-QT3-2019



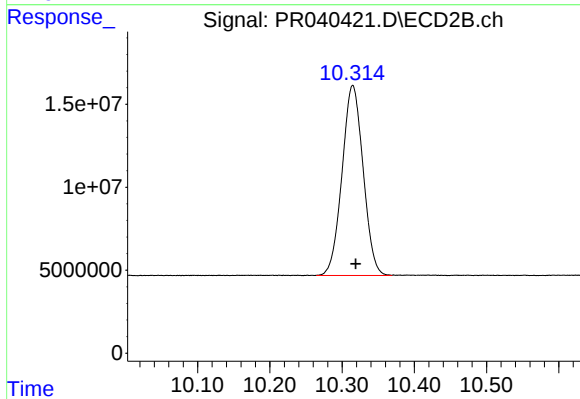
#1 Tetrachloro-m-xylene

R.T.: 4.598 min
Delta R.T.: 0.000 min
Response: 70065729
Conc: 11.36 ng/ml



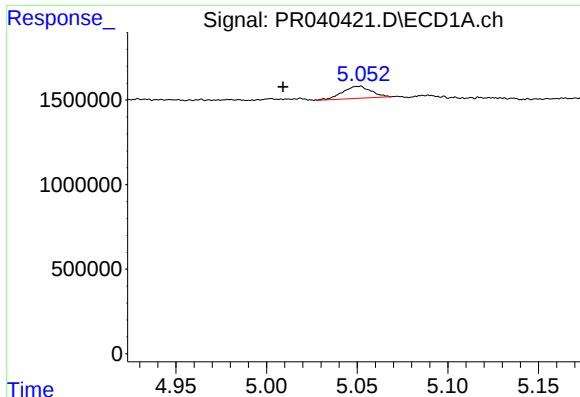
#2 Decachlorobiphenyl

R.T.: 8.677 min
Delta R.T.: -0.003 min
Response: 59554224
Conc: 20.67 ng/ml



#2 Decachlorobiphenyl

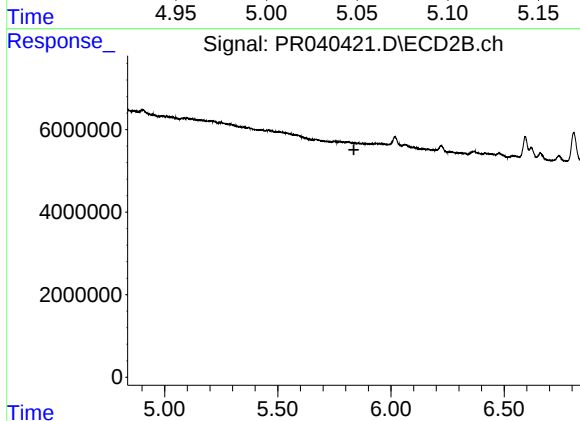
R.T.: 10.315 min
Delta R.T.: -0.004 min
Response: 232172135
Conc: 20.00 ng/ml



#5 AR-1016-3

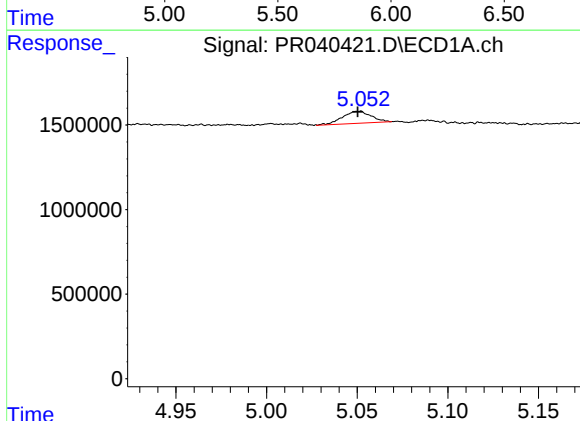
R.T.: 5.052 min
Delta R.T.: 0.043 min
Response: 783632
Conc: 17.59 ng/ml

Instrument :
ECD_R
ClientSampleId :
MDL-MDL-WATER-03-QT3-2019



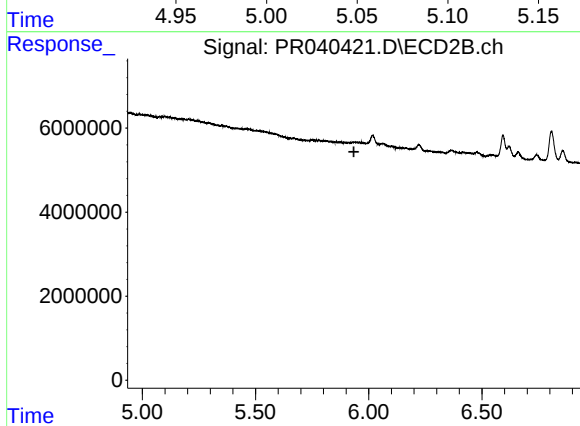
#5 AR-1016-3

R.T.: 0.000 min
Exp R.T. : 5.836 min
Response: 0
Conc: N.D.



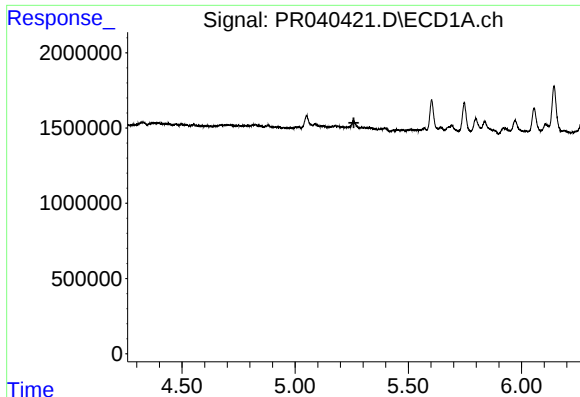
#6 AR-1016-4

R.T.: 5.052 min
Delta R.T.: 0.002 min
Response: 783632
Conc: 21.93 ng/ml



#6 AR-1016-4

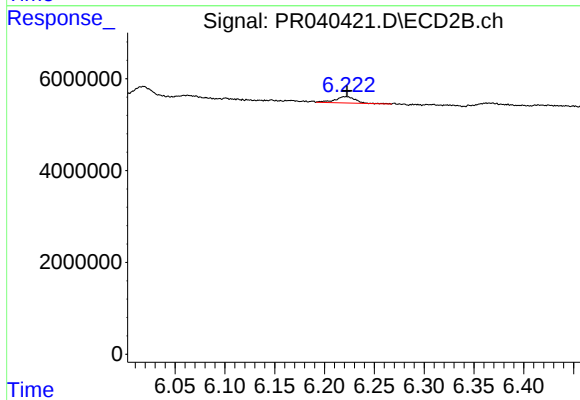
R.T.: 0.000 min
Exp R.T. : 5.934 min
Response: 0
Conc: N.D.



#7 AR-1016-5

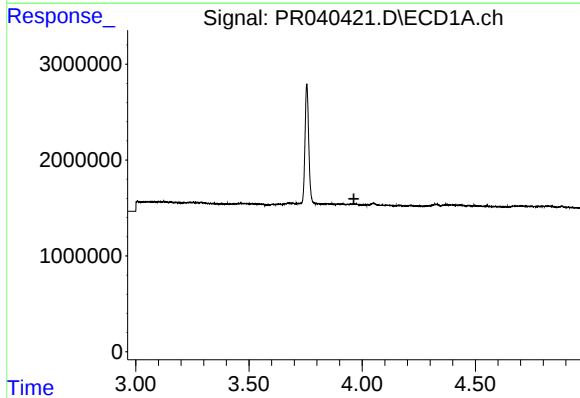
R.T.: 0.000 min
Exp R.T.: 5.260 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :
MDL-MDL-WATER-03-QT3-2019



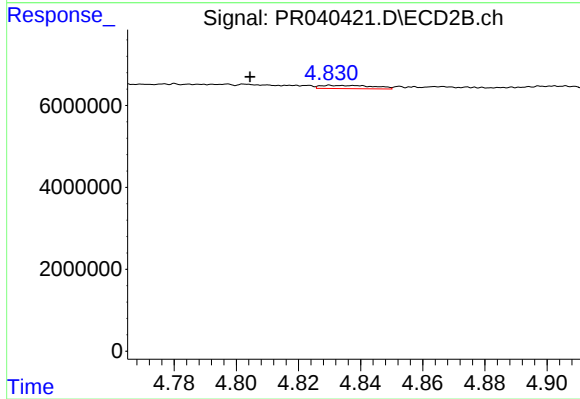
#7 AR-1016-5

R.T.: 6.222 min
Delta R.T.: 0.000 min
Response: 2025247
Conc: 10.42 ng/ml



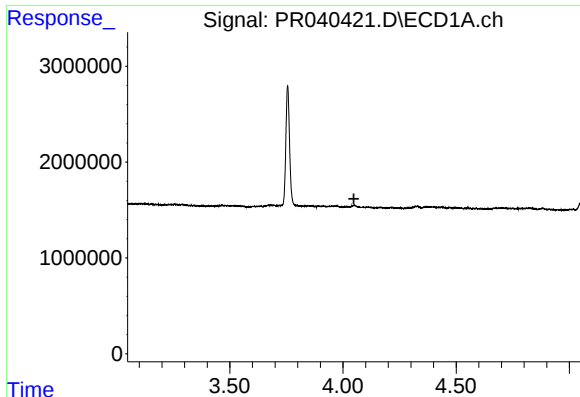
#8 AR-1221-1

R.T.: 0.000 min
Exp R.T.: 3.963 min
Response: 0
Conc: N.D.



#8 AR-1221-1

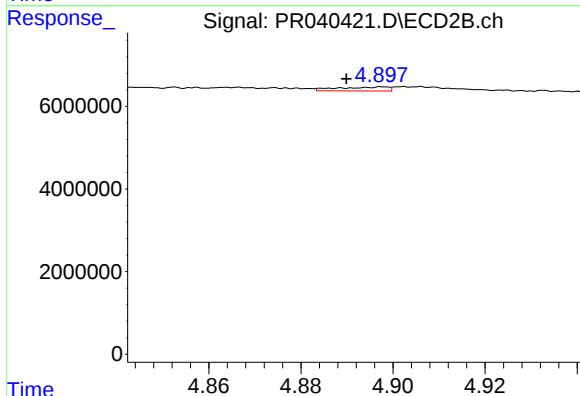
R.T.: 4.830 min
Delta R.T.: 0.026 min
Response: 962243
Conc: 12.01 ng/ml



#9 AR-1221-2

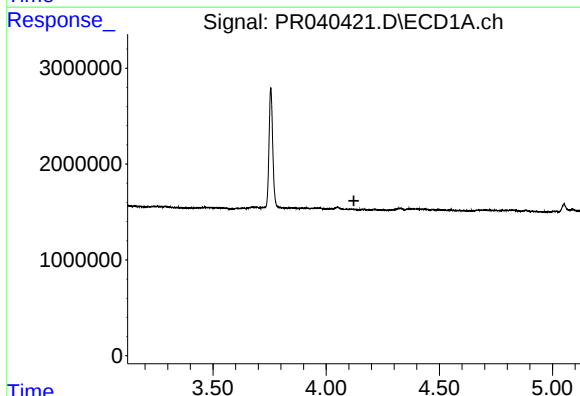
R.T.: 0.000 min
Exp R.T. : 4.048 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :
MDL-MDL-WATER-03-QT3-2019



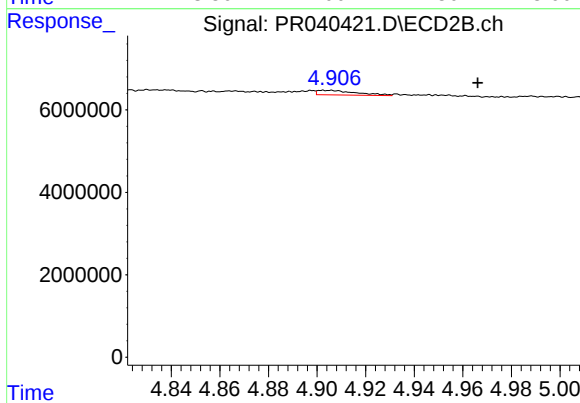
#9 AR-1221-2

R.T.: 4.898 min
Delta R.T.: 0.008 min
Response: 738399
Conc: 11.76 ng/ml



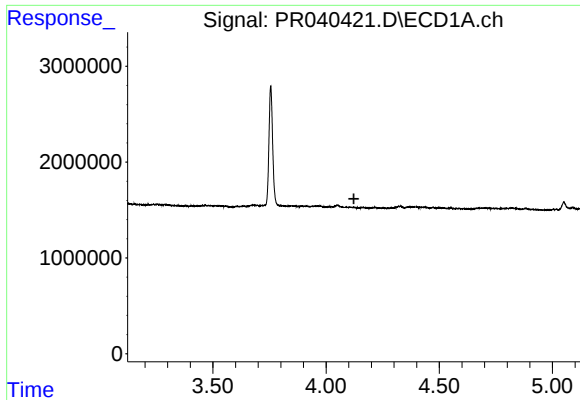
#10 AR-1221-3

R.T.: 0.000 min
Exp R.T. : 4.122 min
Response: 0
Conc: N.D.



#10 AR-1221-3

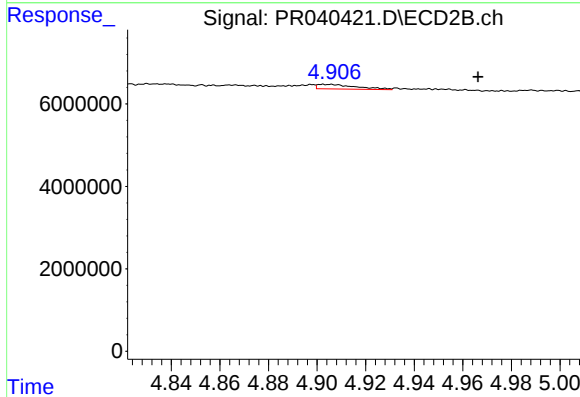
R.T.: 4.902 min
Delta R.T.: -0.064 min
Response: 1234055
Conc: 6.16 ng/ml



#11 AR-1232-1

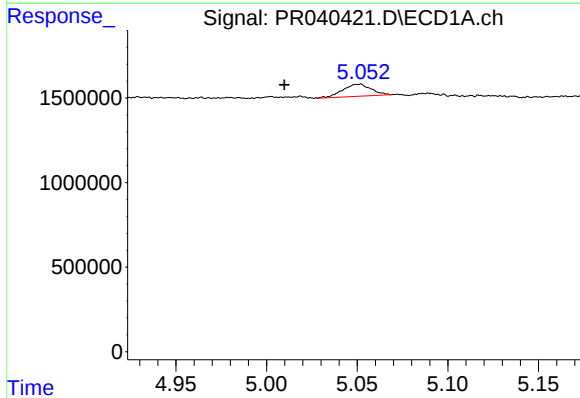
R.T.: 0.000 min
Exp R.T.: 4.123 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :
MDL-MDL-WATER-03-QT3-2019



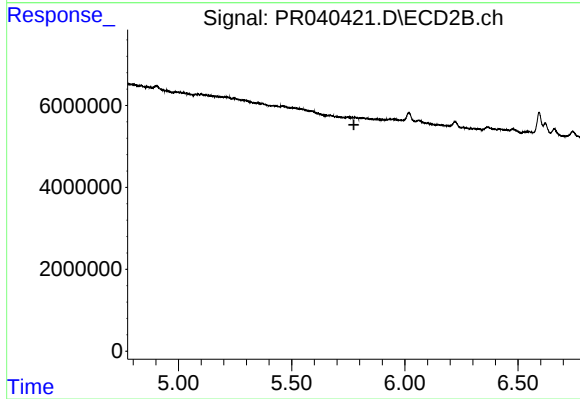
#11 AR-1232-1

R.T.: 4.902 min
Delta R.T.: -0.064 min
Response: 1234055
Conc: 5.94 ng/ml



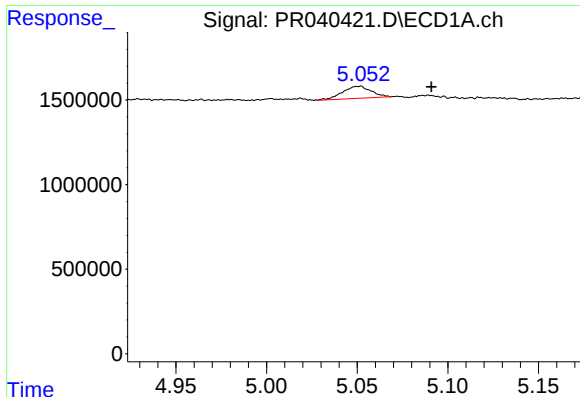
#13 AR-1232-3

R.T.: 5.052 min
Delta R.T.: 0.042 min
Response: 783632
Conc: 26.84 ng/ml



#13 AR-1232-3

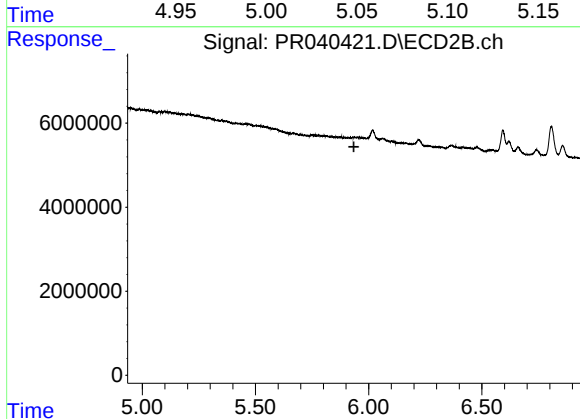
R.T.: 0.000 min
Exp R.T.: 5.775 min
Response: 0
Conc: N.D.



#14 AR-1232-4

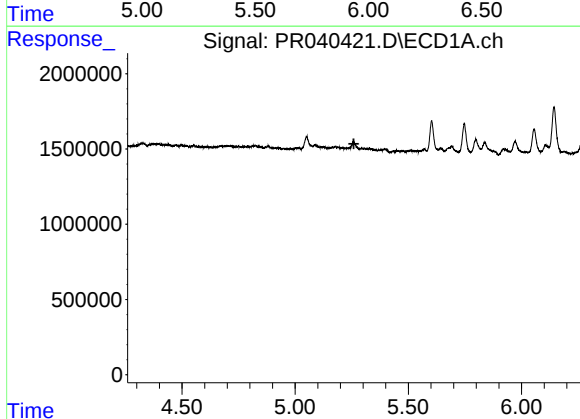
R.T.: 5.052 min
Delta R.T.: -0.039 min
Response: 783632
Conc: 30.11 ng/ml

Instrument :
ECD_R
ClientSampleId :
MDL-MDL-WATER-03-QT3-2019



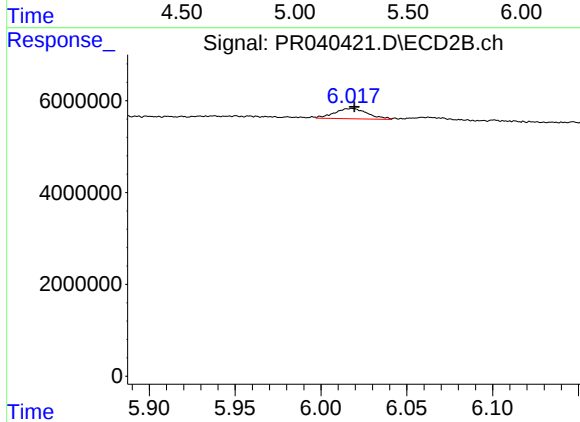
#14 AR-1232-4

R.T.: 0.000 min
Exp R.T. : 5.935 min
Response: 0
Conc: N.D.



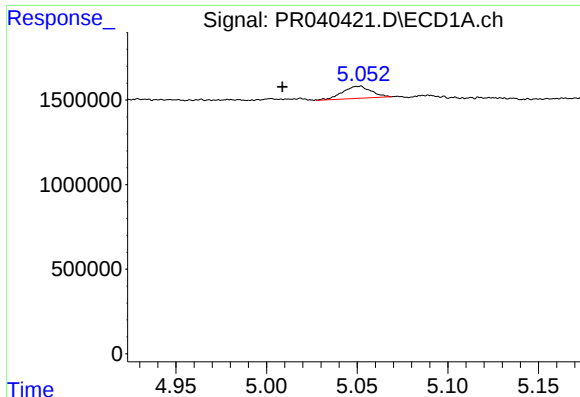
#15 AR-1232-5

R.T.: 0.000 min
Exp R.T. : 5.259 min
Response: 0
Conc: N.D.



#15 AR-1232-5

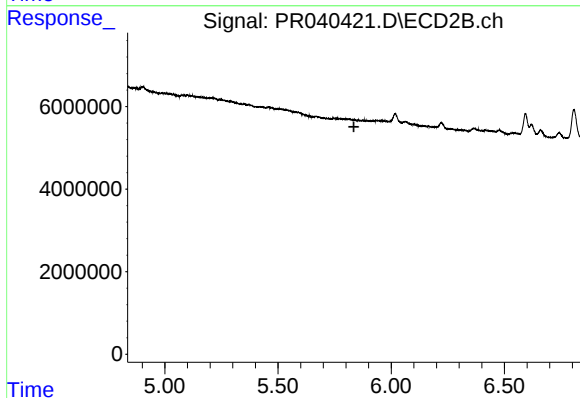
R.T.: 6.019 min
Delta R.T.: 0.000 min
Response: 3064350
Conc: 33.70 ng/ml



#18 AR-1242-3

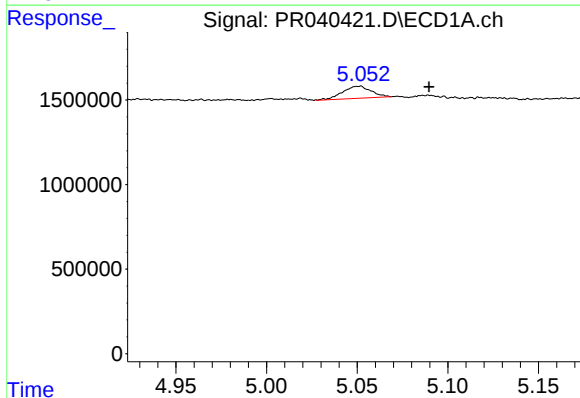
R.T.: 5.052 min
Delta R.T.: 0.043 min
Response: 783632
Conc: 18.44 ng/ml

Instrument :
ECD_R
ClientSampleId :
MDL-MDL-WATER-03-QT3-2019



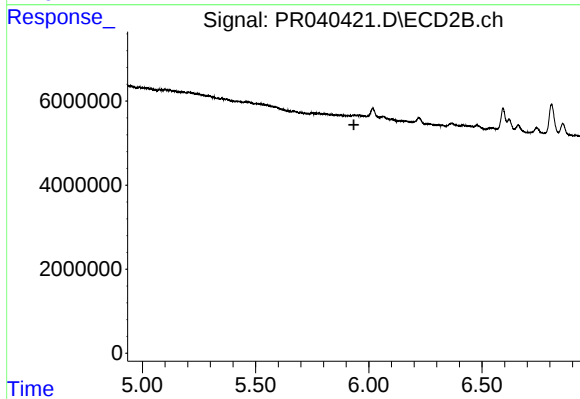
#18 AR-1242-3

R.T.: 0.000 min
Exp R.T. : 5.835 min
Response: 0
Conc: N.D.



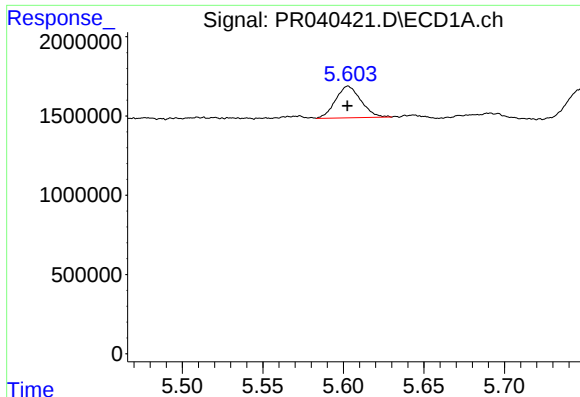
#19 AR-1242-4

R.T.: 5.052 min
Delta R.T.: -0.037 min
Response: 783632
Conc: 18.95 ng/ml



#19 AR-1242-4

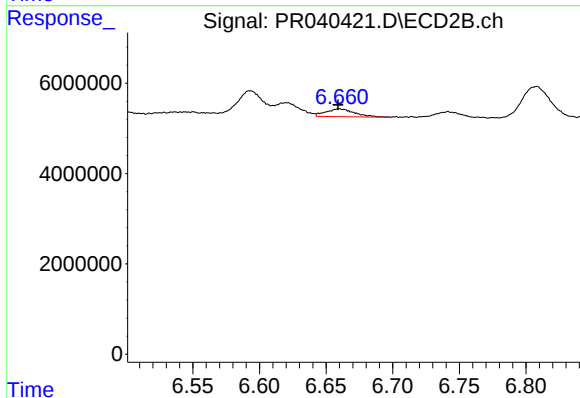
R.T.: 0.000 min
Exp R.T. : 5.934 min
Response: 0
Conc: N.D.



#20 AR-1242-5

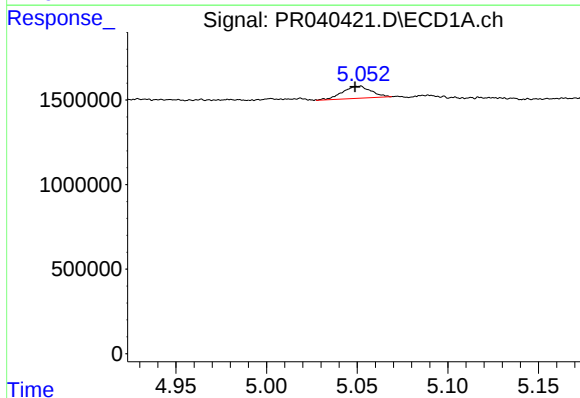
R.T.: 5.603 min
Delta R.T.: 0.000 min
Response: 2189777
Conc: 35.66 ng/ml

Instrument :
ECD_R
ClientSampleId :
MDL-MDL-WATER-03-QT3-2019



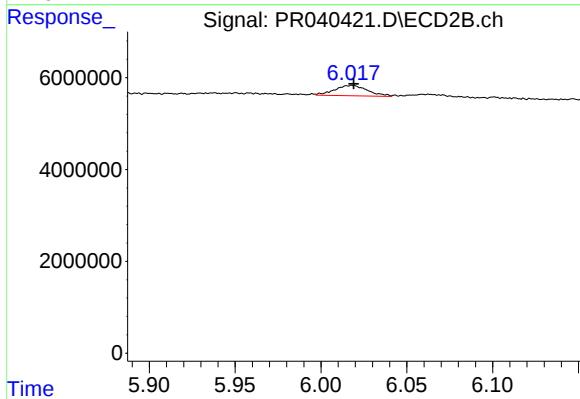
#20 AR-1242-5

R.T.: 6.660 min
Delta R.T.: 0.001 min
Response: 2564016
Conc: 11.14 ng/ml



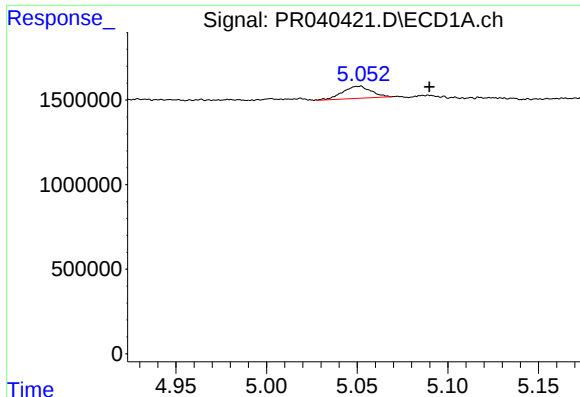
#22 AR-1248-2

R.T.: 5.052 min
Delta R.T.: 0.003 min
Response: 783632
Conc: 14.55 ng/ml



#22 AR-1248-2

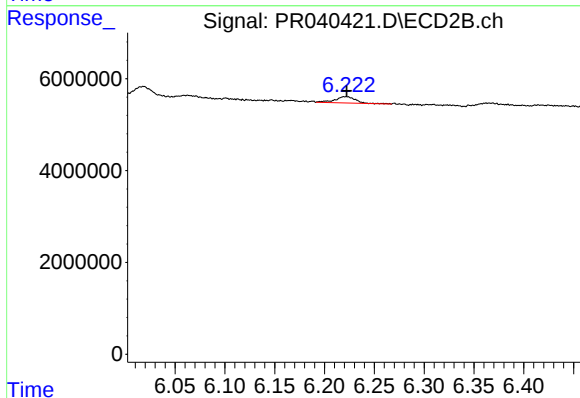
R.T.: 6.019 min
Delta R.T.: 0.000 min
Response: 3064350
Conc: 12.51 ng/ml



#23 AR-1248-3

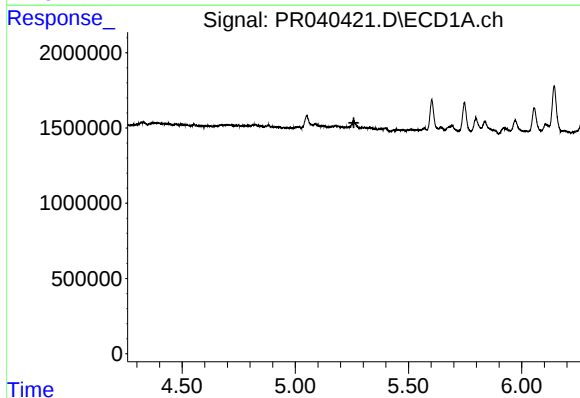
R.T.: 5.052 min
Delta R.T.: -0.038 min
Response: 783632
Conc: 14.01 ng/ml

Instrument :
ECD_R
ClientSampleId :
MDL-MDL-WATER-03-QT3-2019



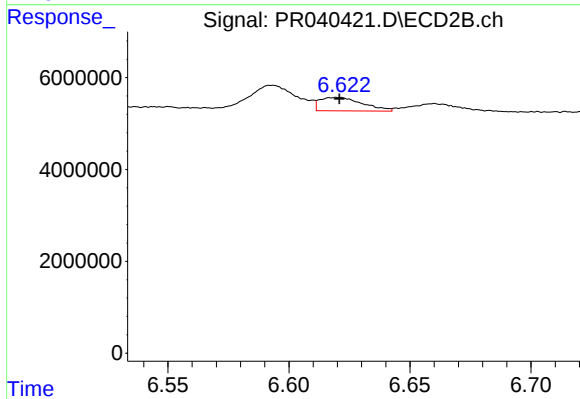
#23 AR-1248-3

R.T.: 6.222 min
Delta R.T.: 0.000 min
Response: 2025247
Conc: 7.05 ng/ml



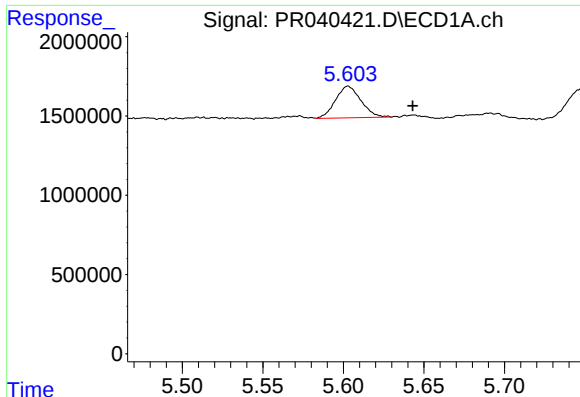
#24 AR-1248-4

R.T.: 0.000 min
Exp R.T. : 5.259 min
Response: 0
Conc: N.D.



#24 AR-1248-4

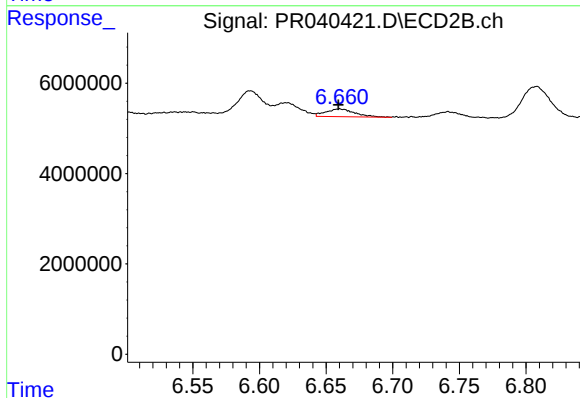
R.T.: 6.621 min
Delta R.T.: 0.000 min
Response: 3620546
Conc: 10.09 ng/ml



#25 AR-1248-5

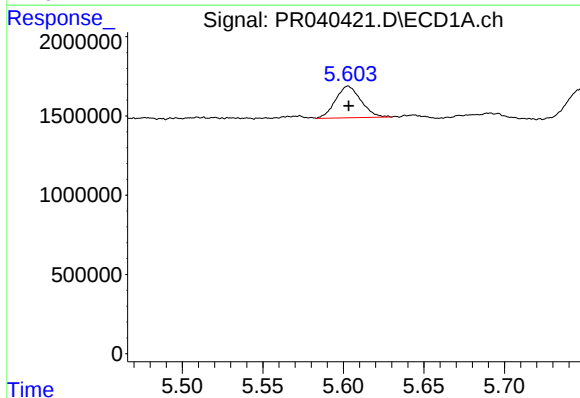
R.T.: 5.603 min
Delta R.T.: -0.040 min
Response: 2189777
Conc: 28.33 ng/ml

Instrument :
ECD_R
ClientSampleId :
MDL-MDL-WATER-03-QT3-2019



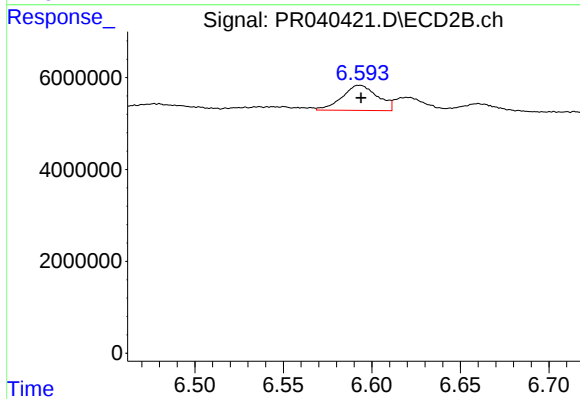
#25 AR-1248-5

R.T.: 6.660 min
Delta R.T.: 0.000 min
Response: 2564016
Conc: 7.41 ng/ml



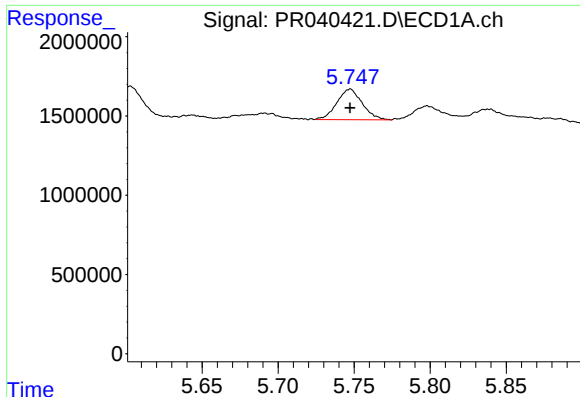
#26 AR-1254-1

R.T.: 5.603 min
Delta R.T.: 0.000 min
Response: 2189777
Conc: 16.13 ng/ml



#26 AR-1254-1

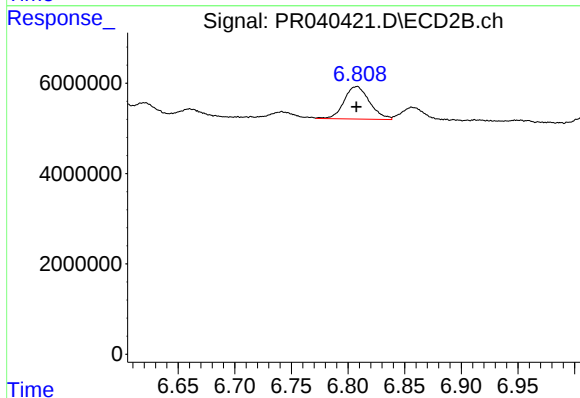
R.T.: 6.593 min
Delta R.T.: 0.000 min
Response: 7603807
Conc: 19.26 ng/ml



#27 AR-1254-2

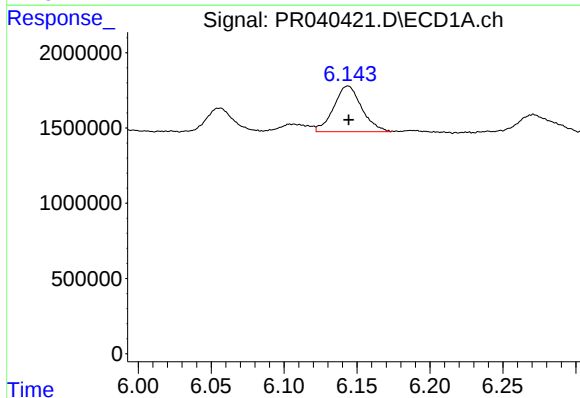
R.T.: 5.748 min
Delta R.T.: 0.000 min
Response: 2232558
Conc: 18.71 ng/ml

Instrument :
ECD_R
ClientSampleId :
MDL-MDL-WATER-03-QT3-2019



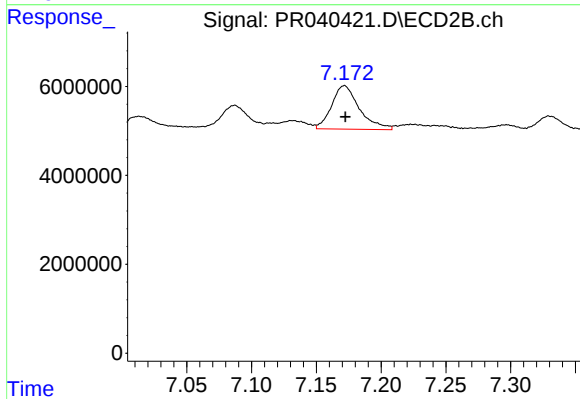
#27 AR-1254-2

R.T.: 6.808 min
Delta R.T.: 0.000 min
Response: 11263078
Conc: 17.81 ng/ml



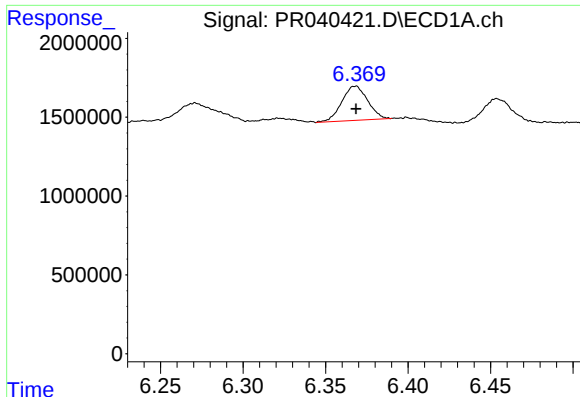
#28 AR-1254-3

R.T.: 6.144 min
Delta R.T.: 0.000 min
Response: 4051345
Conc: 19.03 ng/ml



#28 AR-1254-3

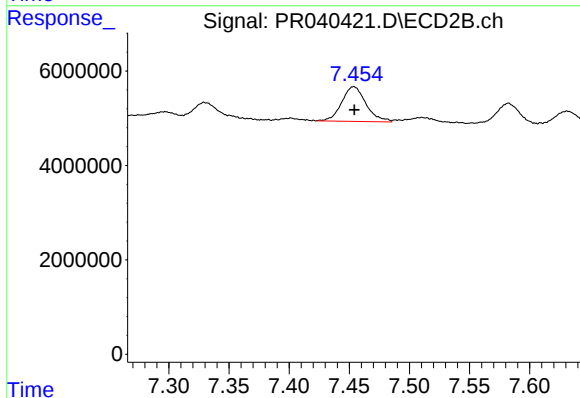
R.T.: 7.172 min
Delta R.T.: 0.000 min
Response: 14585176
Conc: 20.19 ng/ml



#29 AR-1254-4

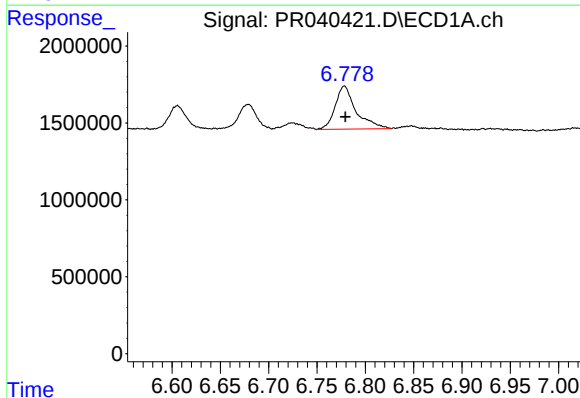
R.T.: 6.369 min
Delta R.T.: 0.000 min
Response: 2372510
Conc: 14.39 ng/ml

Instrument :
ECD_R
ClientSampleId :
MDL-MDL-WATER-03-QT3-2019



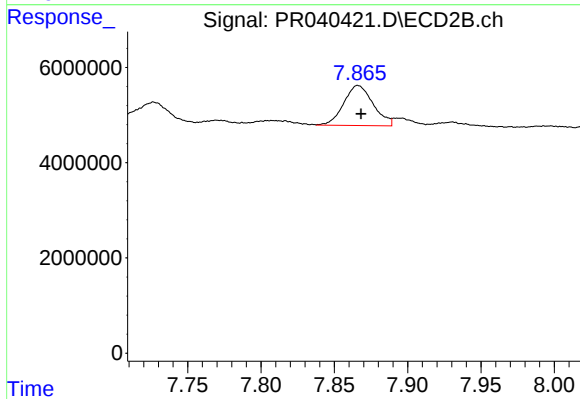
#29 AR-1254-4

R.T.: 7.454 min
Delta R.T.: 0.000 min
Response: 10423131
Conc: 18.98 ng/ml



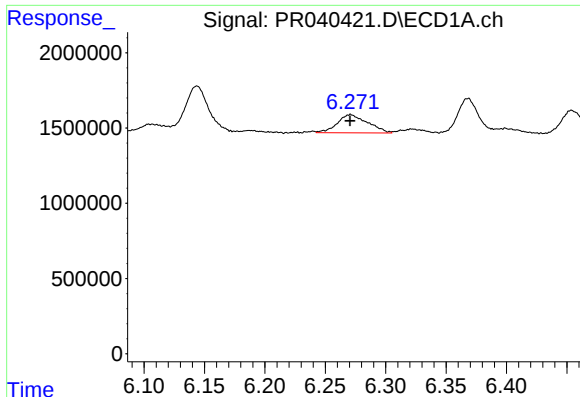
#30 AR-1254-5

R.T.: 6.778 min
Delta R.T.: 0.000 min
Response: 4228142
Conc: 21.14 ng/ml



#30 AR-1254-5

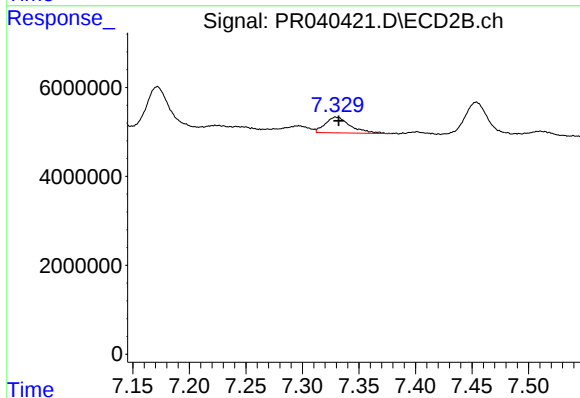
R.T.: 7.866 min
Delta R.T.: -0.002 min
Response: 11747988
Conc: 19.69 ng/ml



#31 AR-1260-1

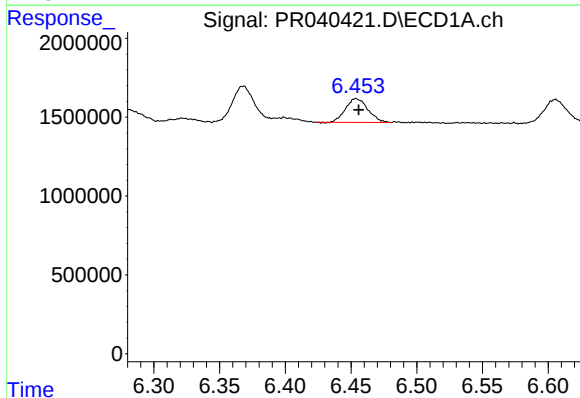
R.T.: 6.271 min
Delta R.T.: 0.000 min
Response: 2101792
Conc: 18.63 ng/ml

Instrument :
ECD_R
ClientSampleId :
MDL-MDL-WATER-03-QT3-2019



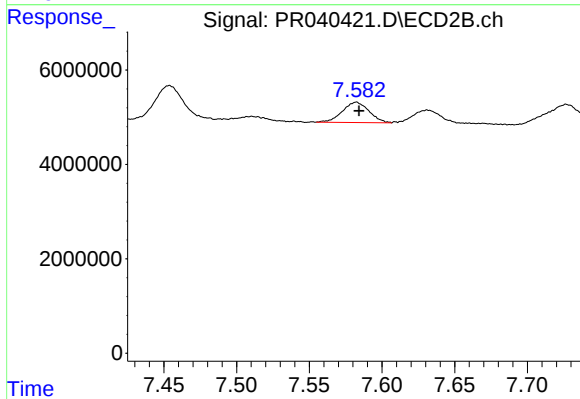
#31 AR-1260-1

R.T.: 7.329 min
Delta R.T.: -0.003 min
Response: 5536299
Conc: 13.45 ng/ml



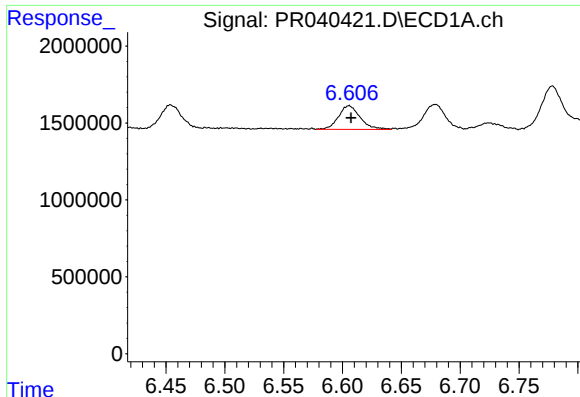
#32 AR-1260-2

R.T.: 6.454 min
Delta R.T.: -0.002 min
Response: 1787514
Conc: 12.30 ng/ml



#32 AR-1260-2

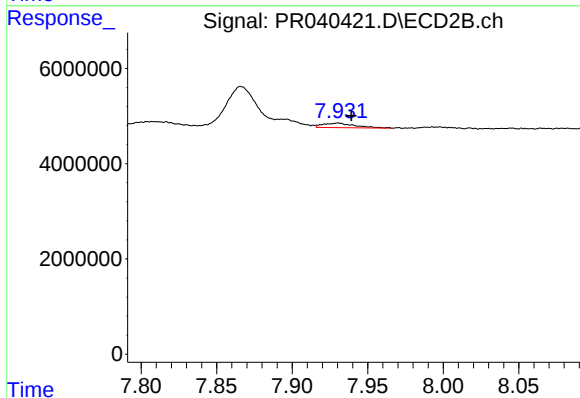
R.T.: 7.582 min
Delta R.T.: -0.002 min
Response: 5533445
Conc: 10.89 ng/ml



#33 AR-1260-3

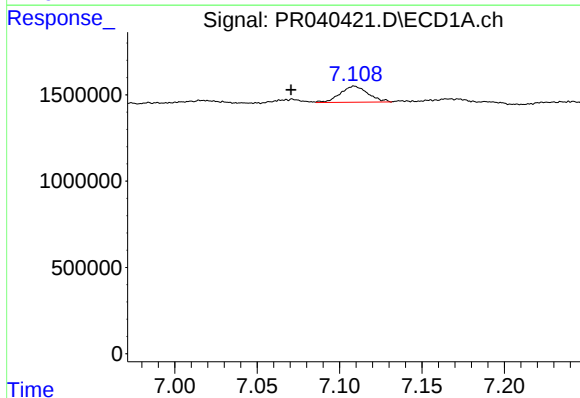
R.T.: 6.606 min
Delta R.T.: -0.002 min
Response: 1976569
Conc: 14.72 ng/ml

Instrument :
ECD_R
ClientSampleId :
MDL-MDL-WATER-03-QT3-2019



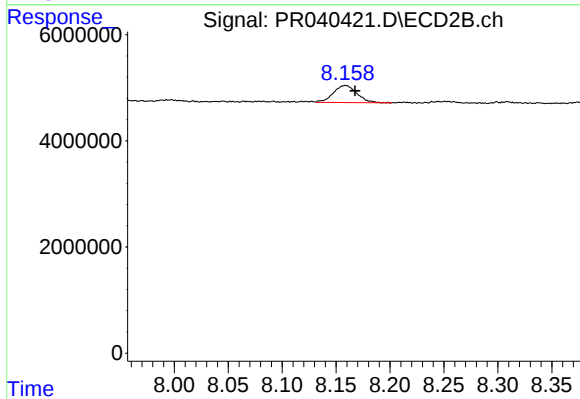
#33 AR-1260-3

R.T.: 7.931 min
Delta R.T.: -0.009 min
Response: 1378708
Conc: 3.37 ng/ml



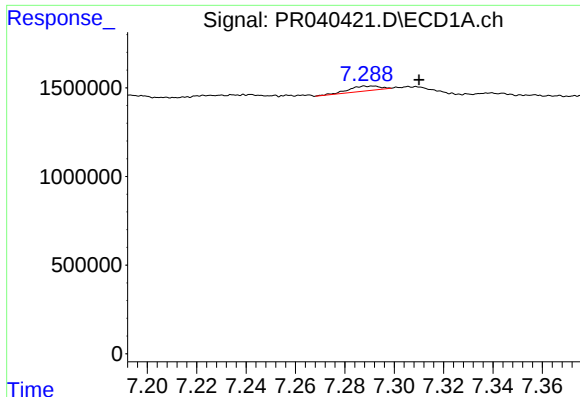
#34 AR-1260-4

R.T.: 7.109 min
Delta R.T.: 0.038 min
Response: 1094270
Conc: 8.80 ng/ml



#34 AR-1260-4

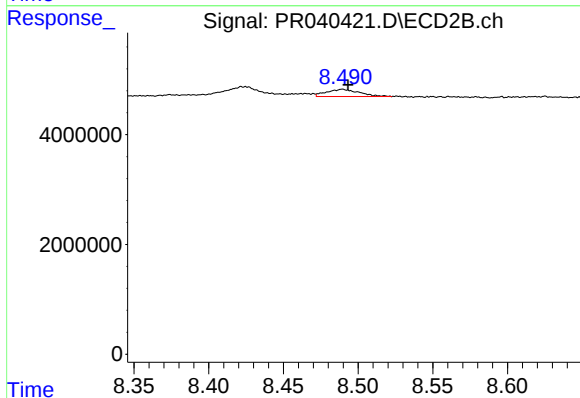
R.T.: 8.159 min
Delta R.T.: -0.009 min
Response: 4846340
Conc: 10.16 ng/ml



#35 AR-1260-5

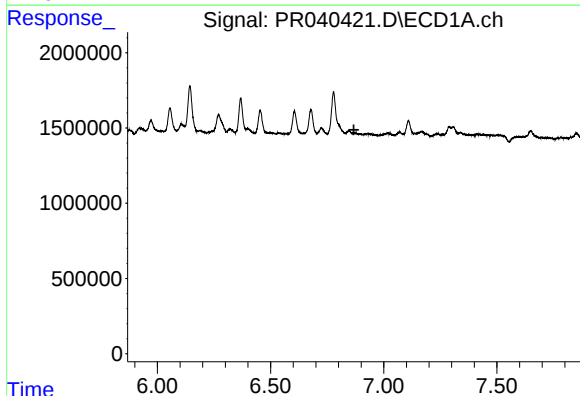
R.T.: 7.288 min
Delta R.T.: -0.022 min
Response: 234992
Conc: 0.75 ng/ml

Instrument :
ECD_R
ClientSampleId :
MDL-MDL-WATER-03-QT3-2019



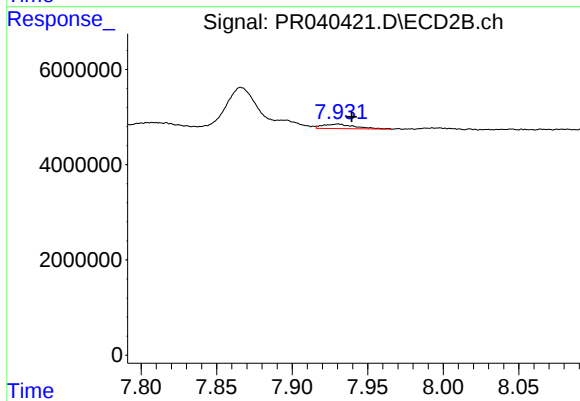
#35 AR-1260-5

R.T.: 8.490 min
Delta R.T.: -0.004 min
Response: 1996465
Conc: 1.92 ng/ml



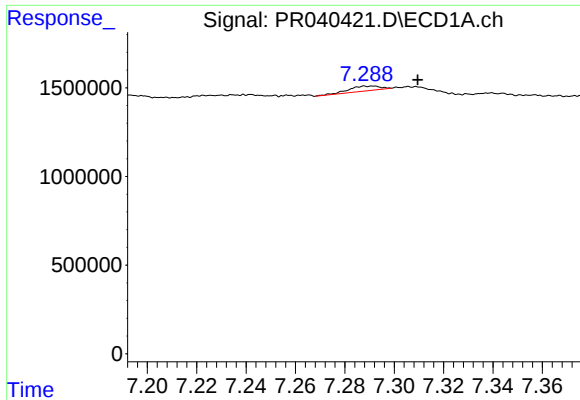
#36 AR-1262-1

R.T.: 0.000 min
Exp R.T. : 6.868 min
Response: 0
Conc: N.D.



#36 AR-1262-1

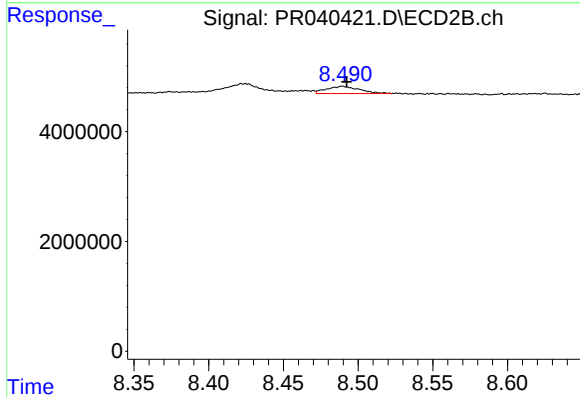
R.T.: 7.931 min
Delta R.T.: -0.009 min
Response: 1378708
Conc: 2.31 ng/ml



#37 AR-1262-2

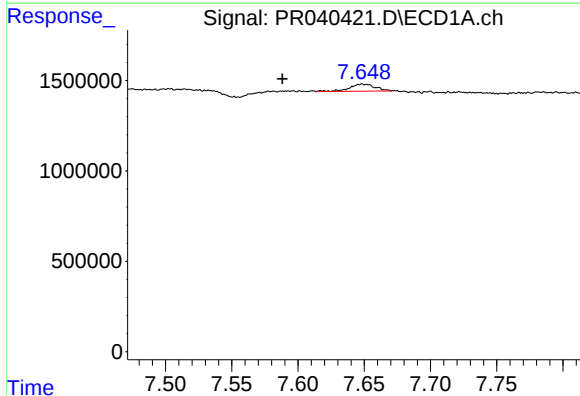
R.T.: 7.288 min
Delta R.T.: -0.021 min
Response: 234992
Conc: 0.67 ng/ml

Instrument :
ECD_R
ClientSampleId :
MDL-MDL-WATER-03-QT3-2019



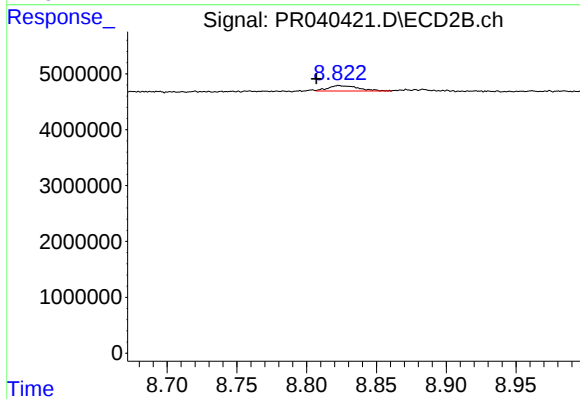
#37 AR-1262-2

R.T.: 8.490 min
Delta R.T.: -0.003 min
Response: 1996465
Conc: 1.68 ng/ml



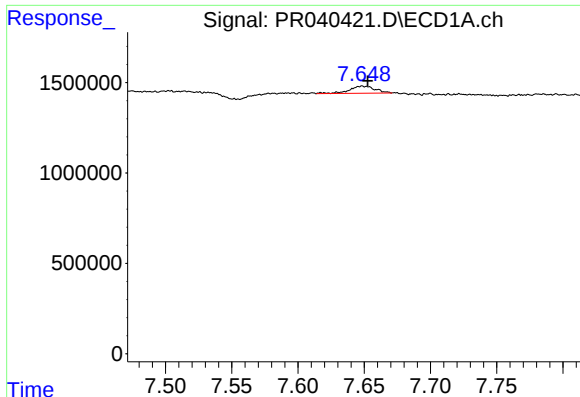
#38 AR-1262-3

R.T.: 7.648 min
Delta R.T.: 0.060 min
Response: 521277
Conc: 3.73 ng/ml



#38 AR-1262-3

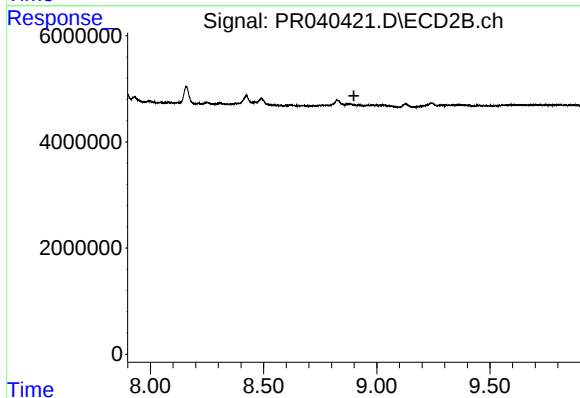
R.T.: 8.823 min
Delta R.T.: 0.016 min
Response: 1434462
Conc: 1.77 ng/ml



#39 AR-1262-4

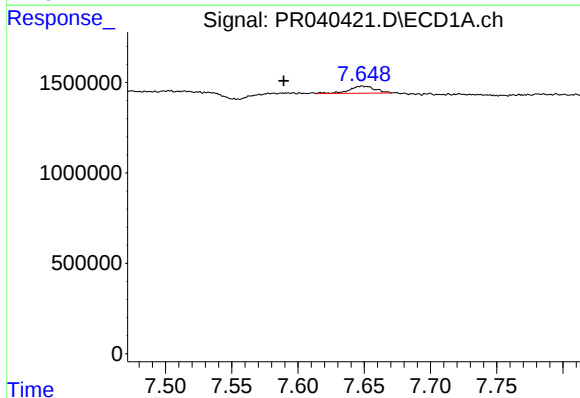
R.T.: 7.648 min
Delta R.T.: -0.004 min
Response: 521277
Conc: 1.96 ng/ml

Instrument :
ECD_R
ClientSampleId :
MDL-MDL-WATER-03-QT3-2019



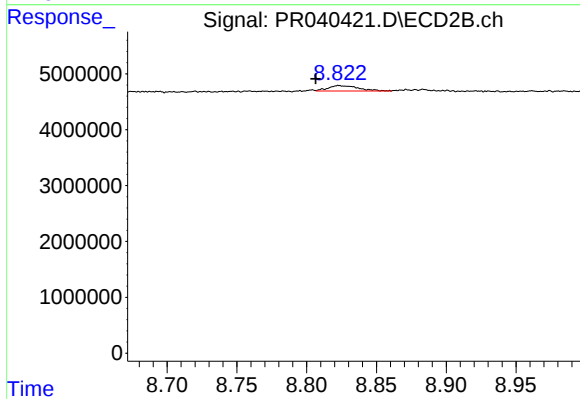
#39 AR-1262-4

R.T.: 0.000 min
Exp R.T. : 8.899 min
Response: 0
Conc: N.D.



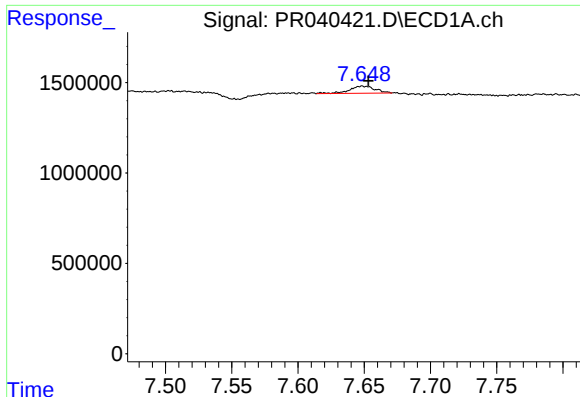
#41 AR-1268-1

R.T.: 7.648 min
Delta R.T.: 0.059 min
Response: 521277
Conc: 1.42 ng/ml



#41 AR-1268-1

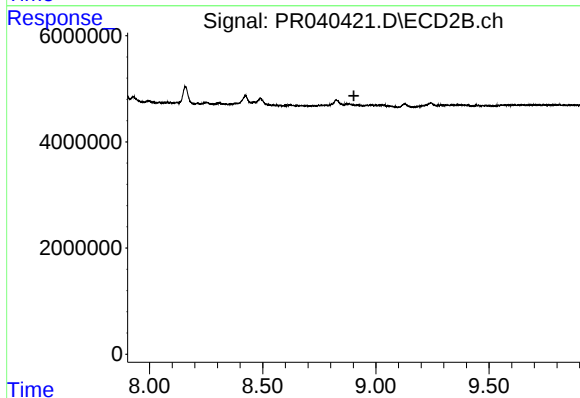
R.T.: 8.823 min
Delta R.T.: 0.016 min
Response: 1434462
Conc: 1.10 ng/ml



#42 AR-1268-2

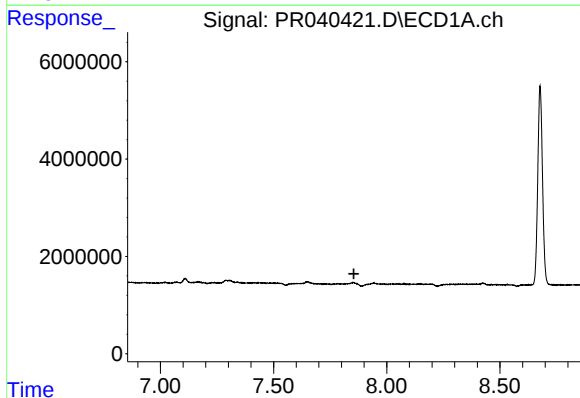
R.T.: 7.648 min
Delta R.T.: -0.005 min
Response: 521277
Conc: 1.52 ng/ml

Instrument :
ECD_R
ClientSampleId :
MDL-MDL-WATER-03-QT3-2019



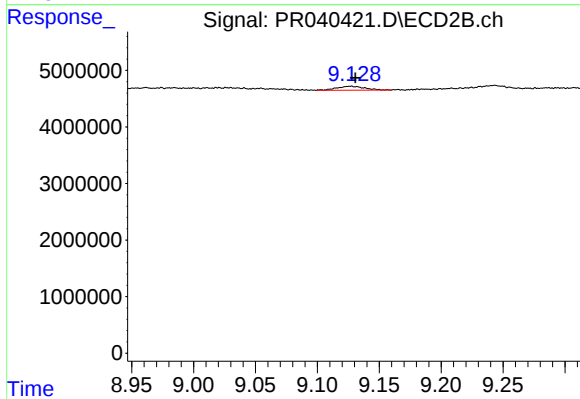
#42 AR-1268-2

R.T.: 0.000 min
Exp R.T. : 8.903 min
Response: 0
Conc: N.D.



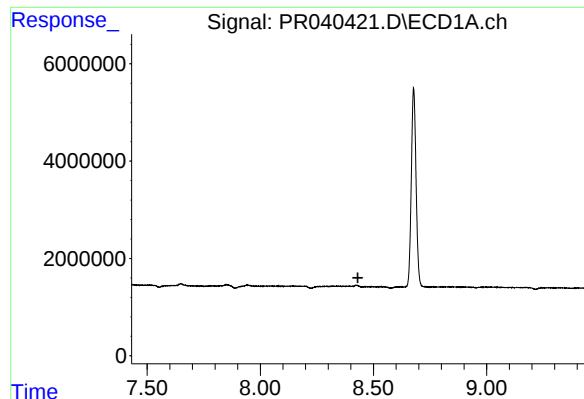
#43 AR-1268-3

R.T.: 0.000 min
Exp R.T. : 7.855 min
Response: 0
Conc: N.D.



#43 AR-1268-3

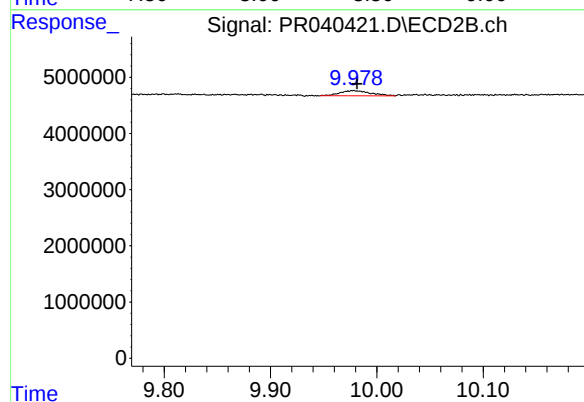
R.T.: 9.128 min
Delta R.T.: -0.003 min
Response: 1115267
Conc: 1.06 ng/ml



#45 AR-1268-5

R.T.: 0.000 min
Exp R.T.: 8.431 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :
MDL-MDL-WATER-03-QT3-2019



#45 AR-1268-5

R.T.: 9.978 min
Delta R.T.: -0.003 min
Response: 1777353
Conc: 0.45 ng/ml