

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_R\Data\PR101819\  
 Data File : PR042346.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 18 Oct 2019 14:08  
 Operator : SM\AJ  
 Sample : K5111-09  
 Misc : AR1242 MDL 25 PPB  
 ALS Vial : 19 Sample Multiplier: 1

Instrument :  
 ECD\_R  
 ClientSampleId :  
 MDL-MDL-WATER-03-QT4-2019

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Oct 18 16:34:58 2019  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_R\Method\PR101719.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Thu Oct 17 06:40:58 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... | 4.723  | 3.984 | 66400212 | 254.0E6  | 13.943 | 14.920   |
| 2)                          | SA Decachlor... | 10.648 | 9.096 | 64432582 | 165.6E6  | 18.429 | 16.309   |
| Target Compounds            |                 |        |       |          |          |        |          |
| 3)                          | L1 AR-1016-1    | 5.902  | 5.082 | 3048214  | 11206000 | 19.501 | 21.012   |
| 4)                          | L1 AR-1016-2    | 5.925  | 5.102 | 4091379  | 14695733 | 18.381 | 19.995   |
| 5)                          | L1 AR-1016-3    | 5.925  | 5.281 | 4091379  | 5932661  | 30.971 | 18.277 # |
| 6)                          | L1 AR-1016-4    | 0.000  | 5.320 | 0        | 4604556  | N.D.   | 17.631 # |
| 7)                          | L1 AR-1016-5    | 0.000  | 5.537 | 0        | 2740291  | N.D.   | 9.246 #  |
| 9)                          | L2 AR-1221-2    | 0.000  | 4.288 | 0        | 5899136  | N.D.   | 46.663 # |
| 10)                         | L2 AR-1221-3    | 0.000  | 4.362 | 0        | 5666753  | N.D.   | 14.079 # |
| 11)                         | L3 AR-1232-1    | 0.000  | 4.362 | 0        | 5666753  | N.D.   | 9.758 #  |
| 12)                         | L3 AR-1232-2    | 0.000  | 5.102 | 0        | 14695733 | N.D.   | 26.107 # |
| 13)                         | L3 AR-1232-3    | 5.925  | 5.281 | 4091379  | 5932661  | 24.418 | 23.456   |
| 14)                         | L3 AR-1232-4    | 0.000  | 5.363 | 0        | 4886160  | N.D.   | 23.188 # |
| 15)                         | L3 AR-1232-5    | 0.000  | 5.537 | 0        | 2740291  | N.D.   | 13.064 # |
| 16)                         | L4 AR-1242-1    | 5.902  | 5.082 | 3048214  | 11206000 | 25.995 | 27.210   |
| 17)                         | L4 AR-1242-2    | 5.925  | 5.102 | 4091379  | 14695733 | 24.249 | 26.393   |
| 18)                         | L4 AR-1242-3    | 5.925  | 5.281 | 4091379  | 5932661  | 40.704 | 22.453 # |
| 19)                         | L4 AR-1242-4    | 0.000  | 5.363 | 0        | 4886160  | N.D.   | 20.257 # |
| 20)                         | L4 AR-1242-5    | 0.000  | 5.891 | 0        | 6866536  | N.D.   | 25.815 # |
| 21)                         | L5 AR-1248-1    | 5.902  | 5.082 | 3048214  | 11206000 | 32.934 | 34.029   |
| 22)                         | L5 AR-1248-2    | 0.000  | 5.320 | 0        | 4604556  | N.D.   | 13.133 # |
| 23)                         | L5 AR-1248-3    | 0.000  | 5.363 | 0        | 4886160  | N.D.   | 13.918 # |
| 24)                         | L5 AR-1248-4    | 0.000  | 5.537 | 0        | 2740291  | N.D.   | 7.211 #  |
| 25)                         | L5 AR-1248-5    | 0.000  | 5.933 | 0        | 6069729  | N.D.   | 16.305 # |
| 26)                         | L6 AR-1254-1    | 0.000  | 5.891 | 0        | 6866536  | N.D.   | 11.946 # |
| 31)                         | L7 AR-1260-1    | 0.000  | 6.589 | 0        | 18490077 | N.D.   | 31.967 # |
| -----                       |                 |        |       |          |          |        |          |

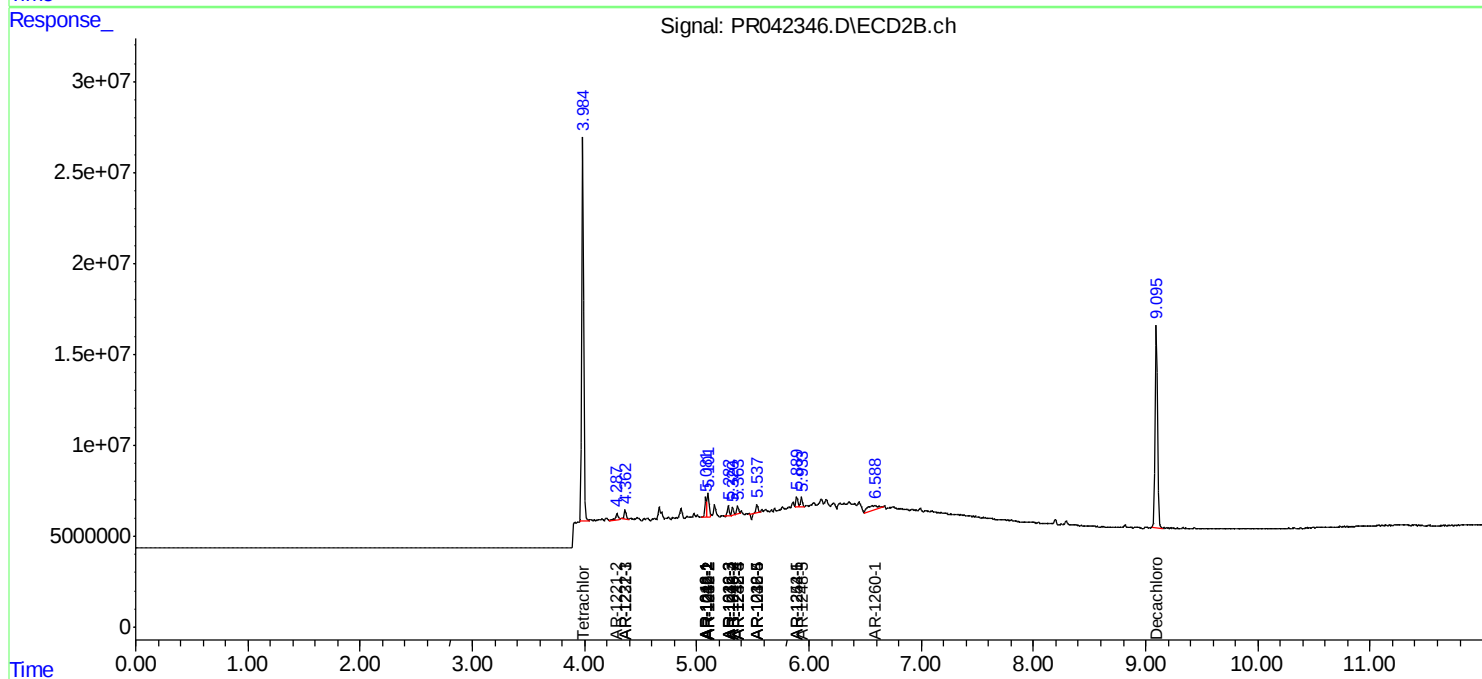
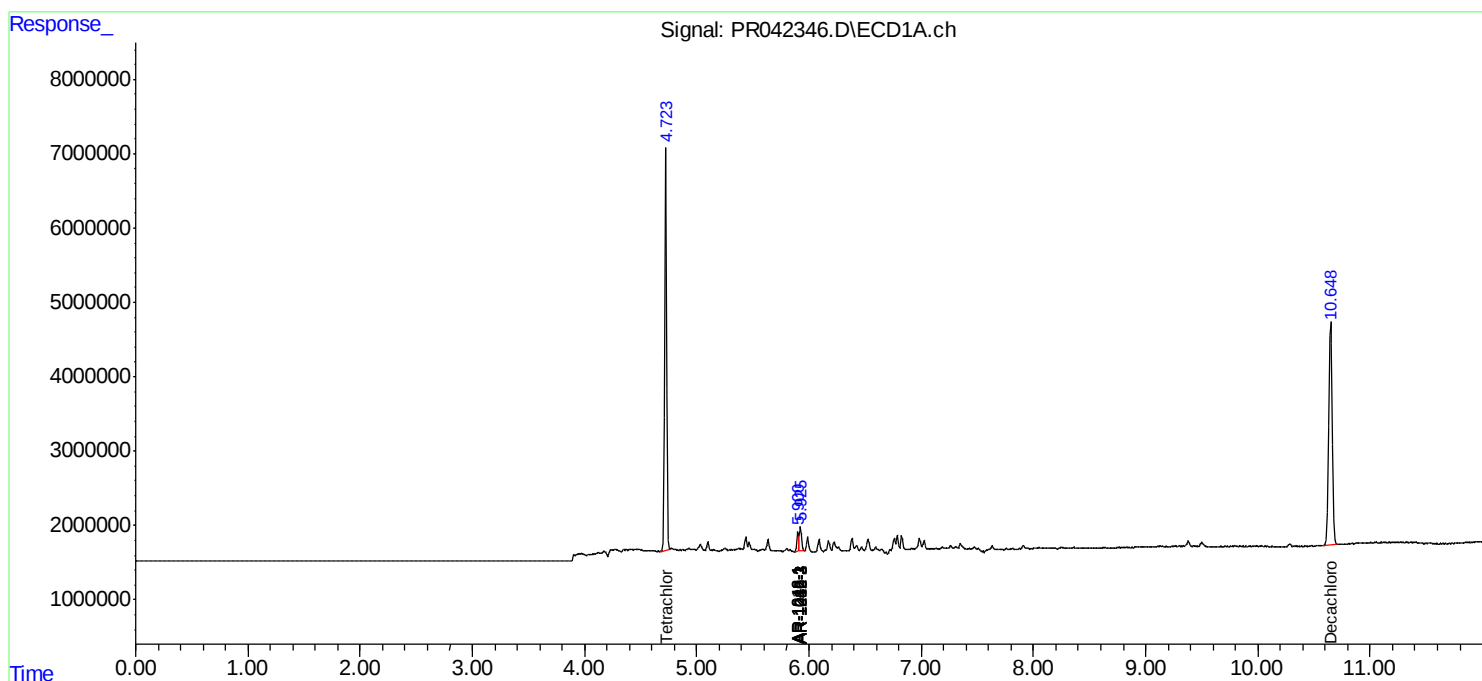
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

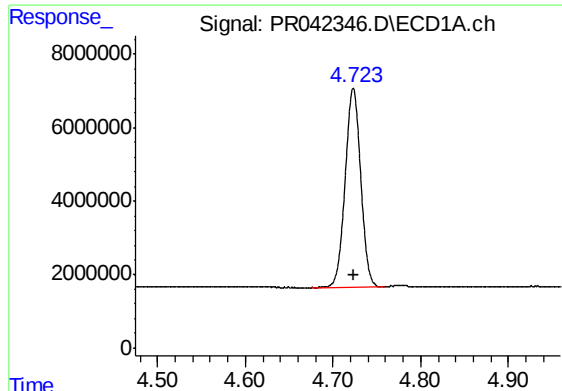
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_R\Data\PR101819\  
Data File : PR042346.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 18 Oct 2019 14:08  
Operator : SM\AJ  
Sample : K5111-09  
Misc : AR1242 MDL 25 PPB  
ALS Vial : 19 Sample Multiplier: 1

Instrument :  
ECD\_R  
ClientSampleId :  
MDL-MDL-WATER-03-QT4-2019

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Oct 18 16:34:58 2019  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_R\Method\PR101719.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Thu Oct 17 06:40:58 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

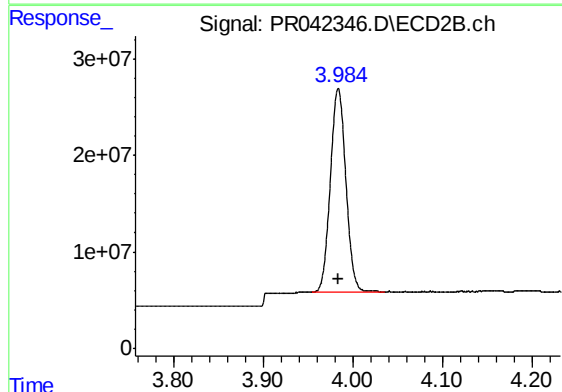




#1 Tetrachloro-m-xylene

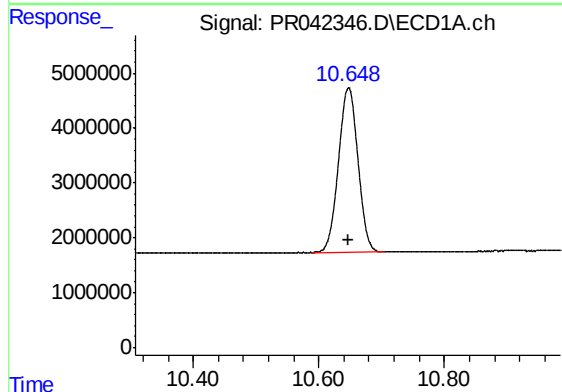
R.T.: 4.723 min  
Delta R.T.: 0.000 min  
Response: 66400212  
Conc: 13.94 ng/ml

Instrument :  
ECD\_R  
ClientSampleId :  
MDL-MDL-WATER-03-QT4-2019



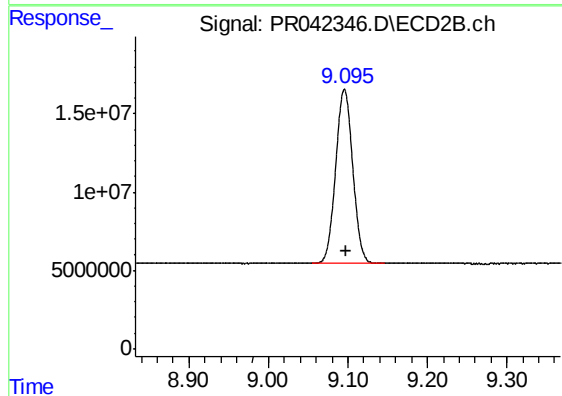
#1 Tetrachloro-m-xylene

R.T.: 3.984 min  
Delta R.T.: 0.000 min  
Response: 254028036  
Conc: 14.92 ng/ml



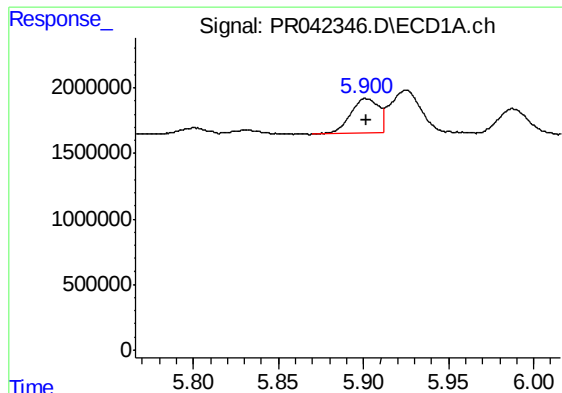
#2 Decachlorobiphenyl

R.T.: 10.648 min  
Delta R.T.: 0.000 min  
Response: 64432582  
Conc: 18.43 ng/ml



#2 Decachlorobiphenyl

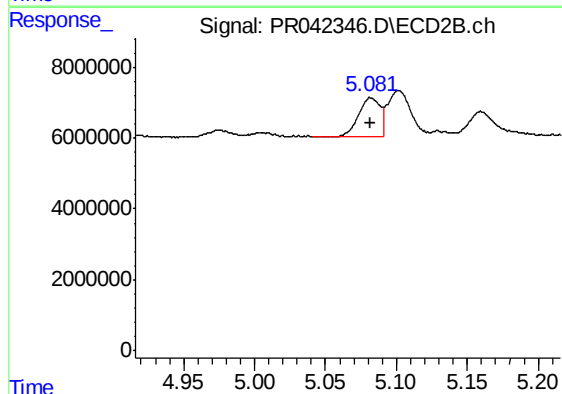
R.T.: 9.096 min  
Delta R.T.: -0.002 min  
Response: 165552446  
Conc: 16.31 ng/ml



#3 AR-1016-1

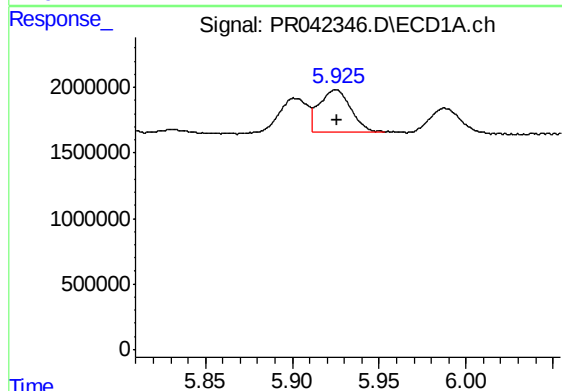
R.T.: 5.902 min  
Delta R.T.: 0.000 min  
Response: 3048214  
Conc: 19.50 ng/ml

Instrument :  
ECD\_R  
ClientSampleId :  
MDL-MDL-WATER-03-QT4-2019



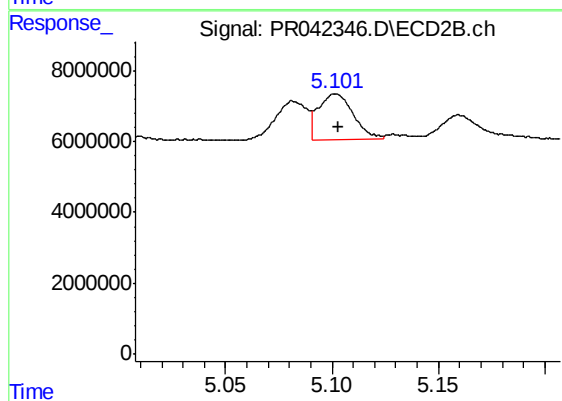
#3 AR-1016-1

R.T.: 5.082 min  
Delta R.T.: 0.000 min  
Response: 11206000  
Conc: 21.01 ng/ml



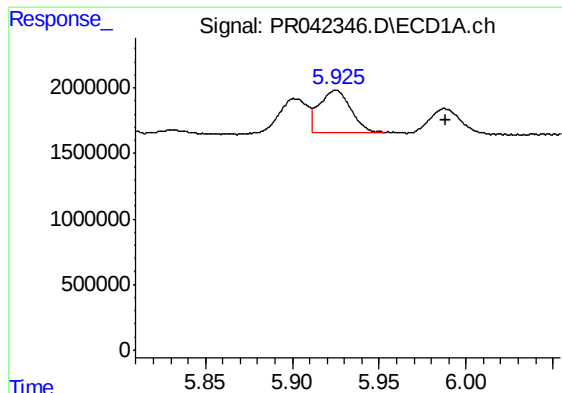
#4 AR-1016-2

R.T.: 5.925 min  
Delta R.T.: 0.000 min  
Response: 4091379  
Conc: 18.38 ng/ml



#4 AR-1016-2

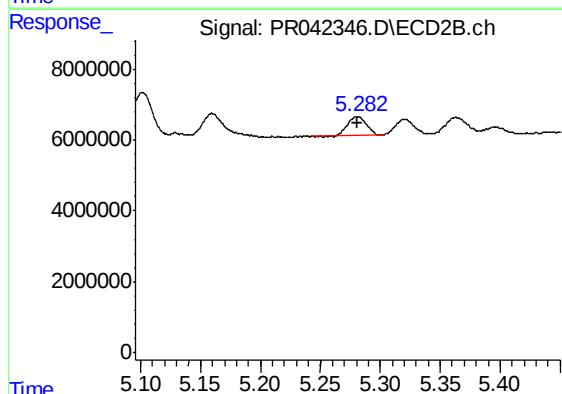
R.T.: 5.102 min  
Delta R.T.: -0.001 min  
Response: 14695733  
Conc: 19.99 ng/ml



#5 AR-1016-3

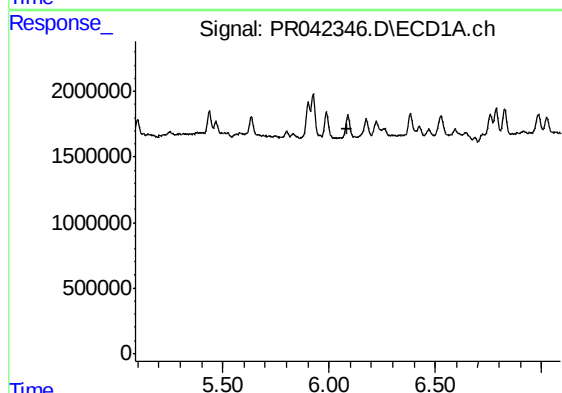
R.T.: 5.925 min  
Delta R.T.: -0.063 min  
Response: 4091379  
Conc: 30.97 ng/ml

Instrument :  
ECD\_R  
ClientSampleId :  
MDL-MDL-WATER-03-QT4-2019



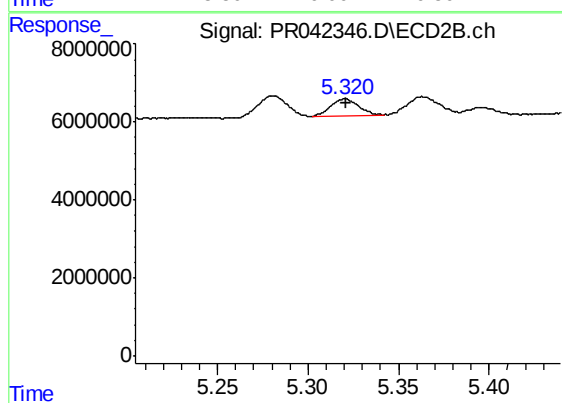
#5 AR-1016-3

R.T.: 5.281 min  
Delta R.T.: 0.000 min  
Response: 5932661  
Conc: 18.28 ng/ml



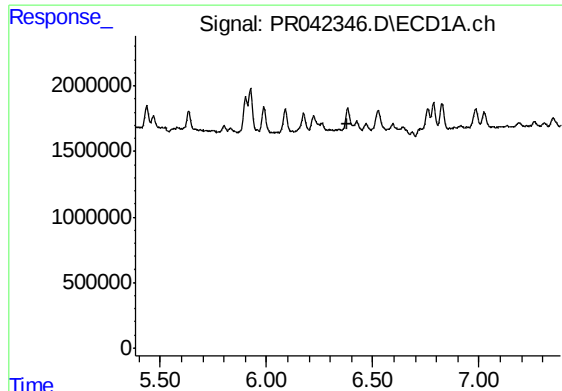
#6 AR-1016-4

R.T.: 0.000 min  
Exp R.T. : 6.089 min  
Response: 0  
Conc: N.D.



#6 AR-1016-4

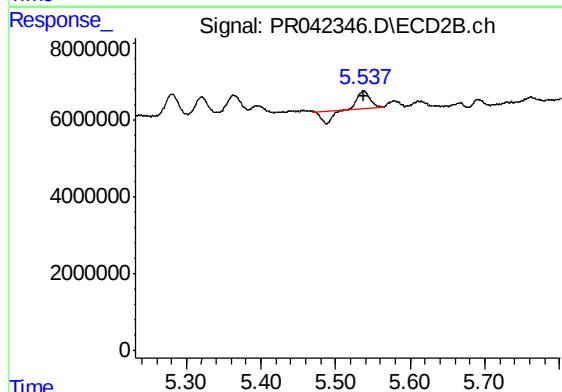
R.T.: 5.320 min  
Delta R.T.: 0.000 min  
Response: 4604556  
Conc: 17.63 ng/ml



#7 AR-1016-5

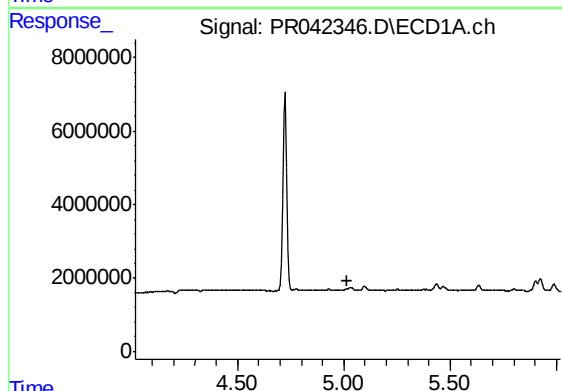
R.T.: 0.000 min  
Exp R.T.: 6.383 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_R  
ClientSampleId :  
MDL-MDL-WATER-03-QT4-2019



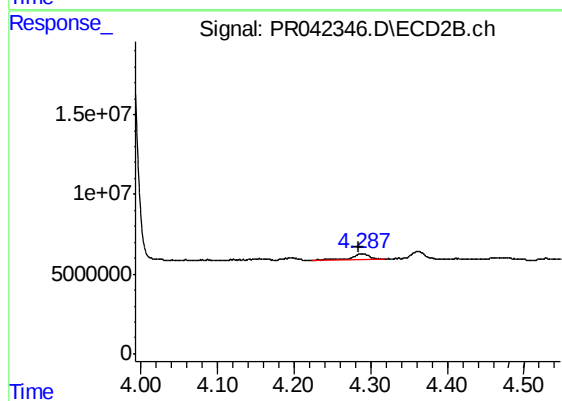
#7 AR-1016-5

R.T.: 5.537 min  
Delta R.T.: 0.000 min  
Response: 2740291  
Conc: 9.25 ng/ml



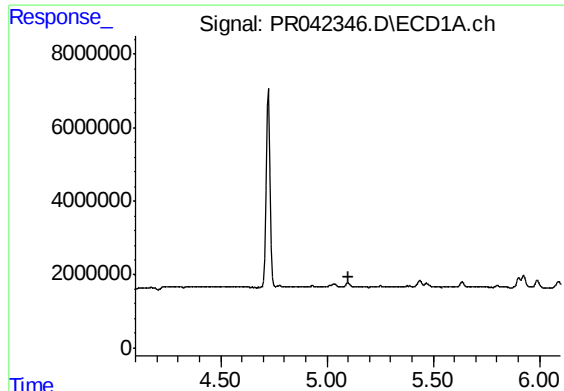
#9 AR-1221-2

R.T.: 0.000 min  
Exp R.T.: 5.020 min  
Response: 0  
Conc: N.D.



#9 AR-1221-2

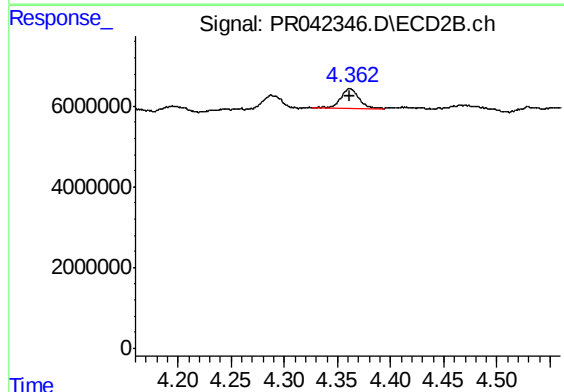
R.T.: 4.288 min  
Delta R.T.: 0.004 min  
Response: 5899136  
Conc: 46.66 ng/ml



#10 AR-1221-3

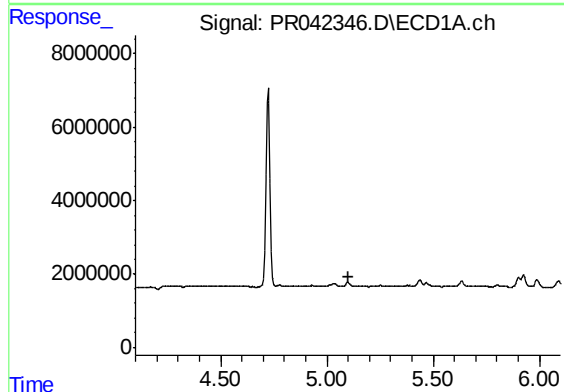
R.T.: 0.000 min  
Exp R.T. : 5.099 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_R  
ClientSampleId :  
MDL-MDL-WATER-03-QT4-2019



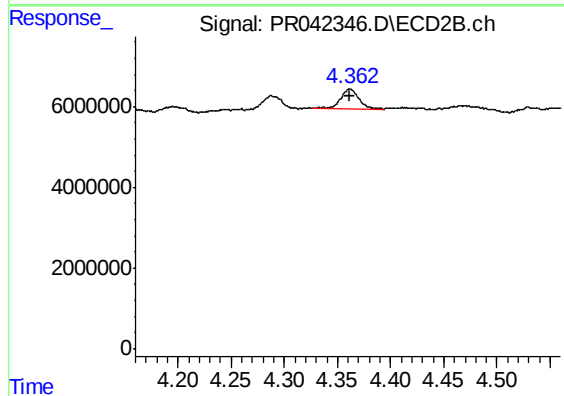
#10 AR-1221-3

R.T.: 4.362 min  
Delta R.T.: 0.000 min  
Response: 5666753  
Conc: 14.08 ng/ml



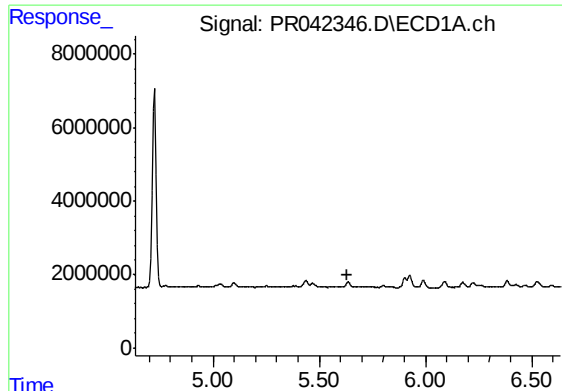
#11 AR-1232-1

R.T.: 0.000 min  
Exp R.T. : 5.099 min  
Response: 0  
Conc: N.D.



#11 AR-1232-1

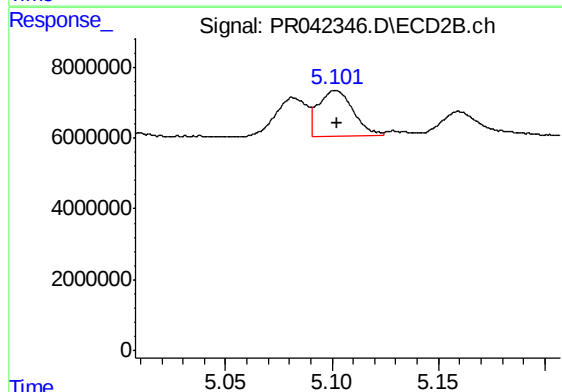
R.T.: 4.362 min  
Delta R.T.: 0.000 min  
Response: 5666753  
Conc: 9.76 ng/ml



#12 AR-1232-2

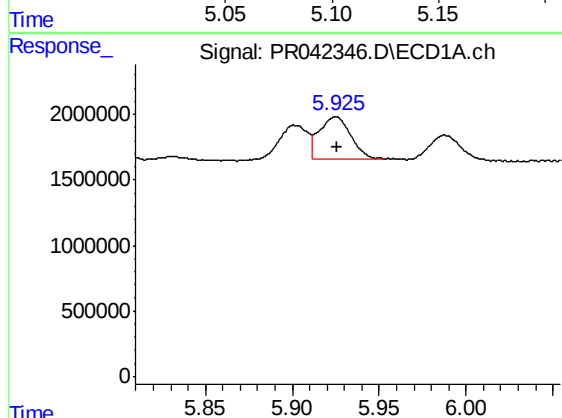
R.T.: 0.000 min  
Exp R.T.: 5.634 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_R  
ClientSampleId :  
MDL-MDL-WATER-03-QT4-2019



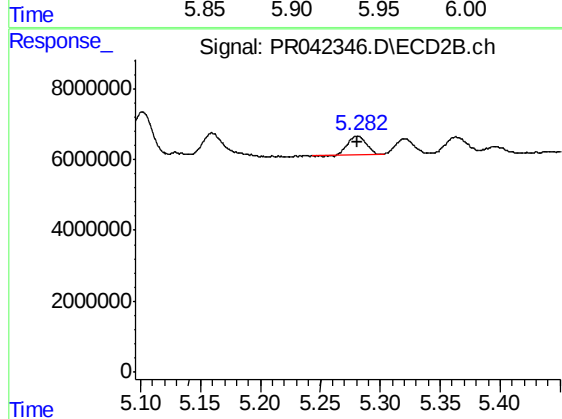
#12 AR-1232-2

R.T.: 5.102 min  
Delta R.T.: 0.000 min  
Response: 14695733  
Conc: 26.11 ng/ml



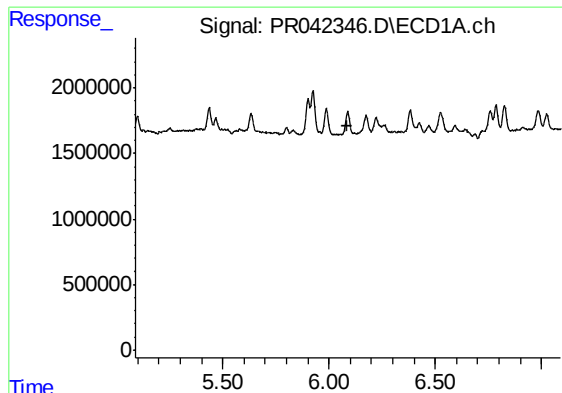
#13 AR-1232-3

R.T.: 5.925 min  
Delta R.T.: 0.000 min  
Response: 4091379  
Conc: 24.42 ng/ml



#13 AR-1232-3

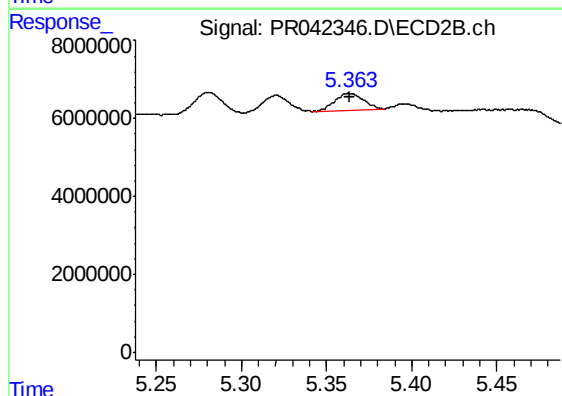
R.T.: 5.281 min  
Delta R.T.: 0.000 min  
Response: 5932661  
Conc: 23.46 ng/ml



#14 AR-1232-4

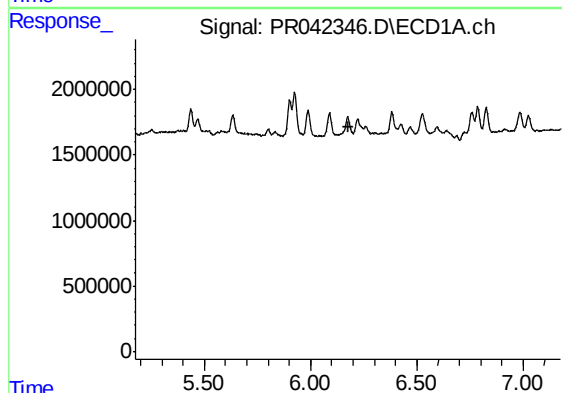
R.T.: 0.000 min  
Exp R.T. : 6.089 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_R  
ClientSampleId :  
MDL-MDL-WATER-03-QT4-2019



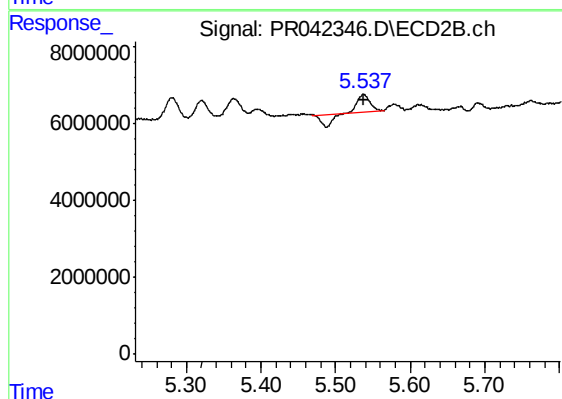
#14 AR-1232-4

R.T.: 5.363 min  
Delta R.T.: 0.000 min  
Response: 4886160  
Conc: 23.19 ng/ml



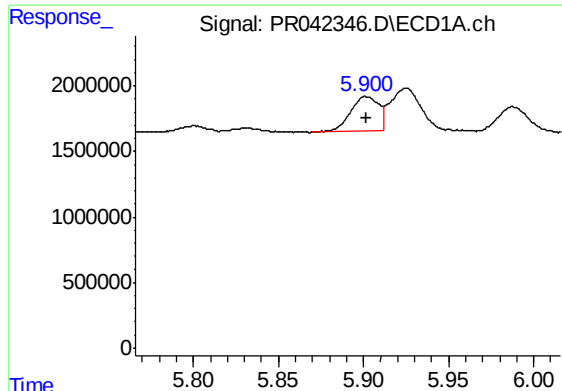
#15 AR-1232-5

R.T.: 0.000 min  
Exp R.T. : 6.176 min  
Response: 0  
Conc: N.D.



#15 AR-1232-5

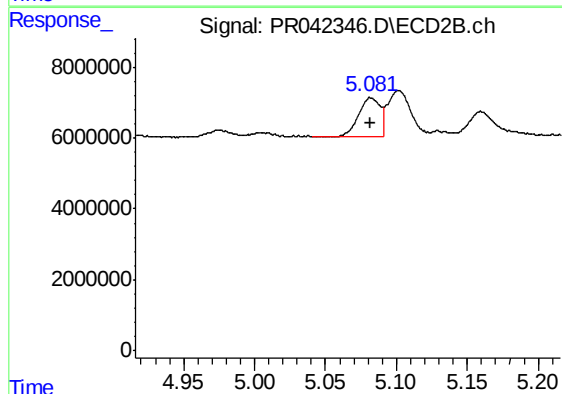
R.T.: 5.537 min  
Delta R.T.: 0.000 min  
Response: 2740291  
Conc: 13.06 ng/ml



#16 AR-1242-1

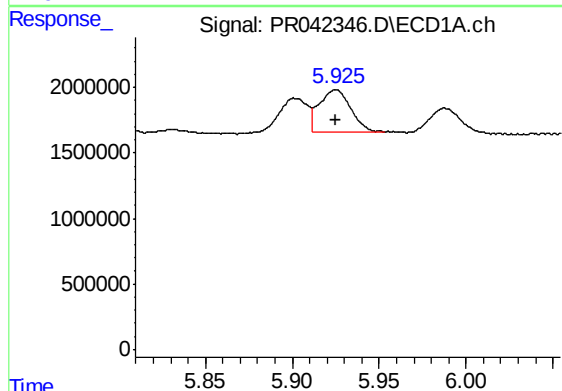
R.T.: 5.902 min  
Delta R.T.: 0.000 min  
Response: 3048214  
Conc: 25.99 ng/ml

Instrument :  
ECD\_R  
ClientSampleId :  
MDL-MDL-WATER-03-QT4-2019



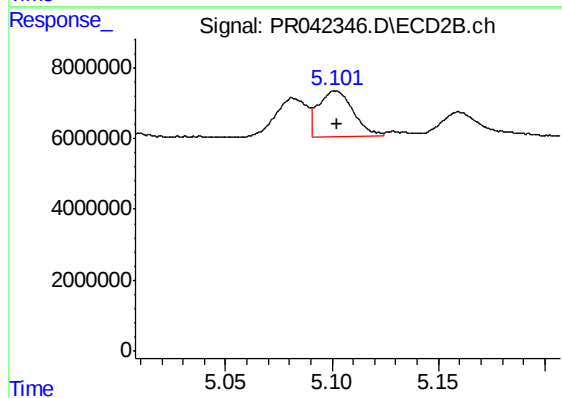
#16 AR-1242-1

R.T.: 5.082 min  
Delta R.T.: 0.000 min  
Response: 11206000  
Conc: 27.21 ng/ml



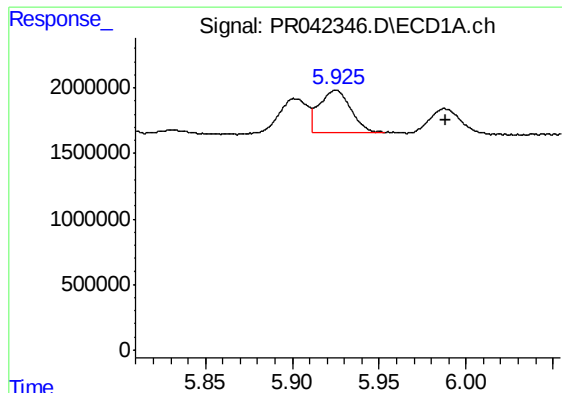
#17 AR-1242-2

R.T.: 5.925 min  
Delta R.T.: 0.000 min  
Response: 4091379  
Conc: 24.25 ng/ml



#17 AR-1242-2

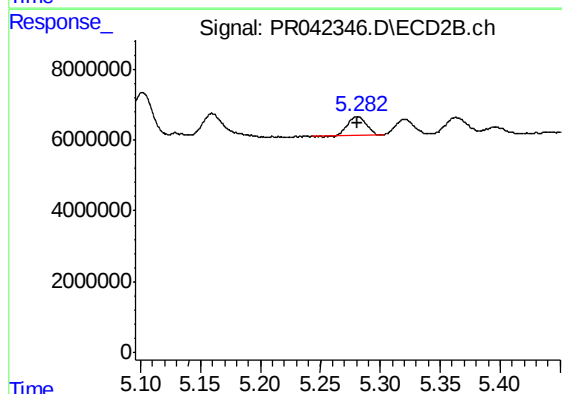
R.T.: 5.102 min  
Delta R.T.: 0.000 min  
Response: 14695733  
Conc: 26.39 ng/ml



#18 AR-1242-3

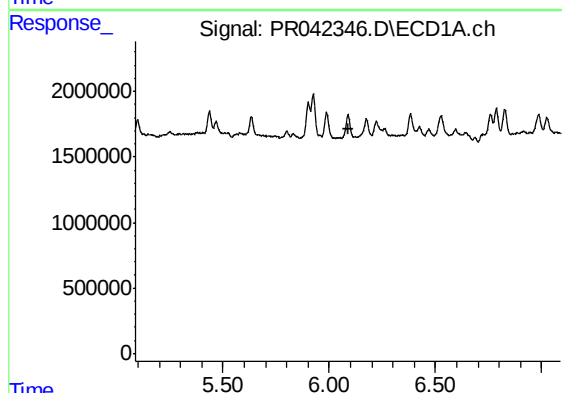
R.T.: 5.925 min  
Delta R.T.: -0.063 min  
Response: 4091379  
Conc: 40.70 ng/ml

Instrument :  
ECD\_R  
ClientSampleId :  
MDL-MDL-WATER-03-QT4-2019



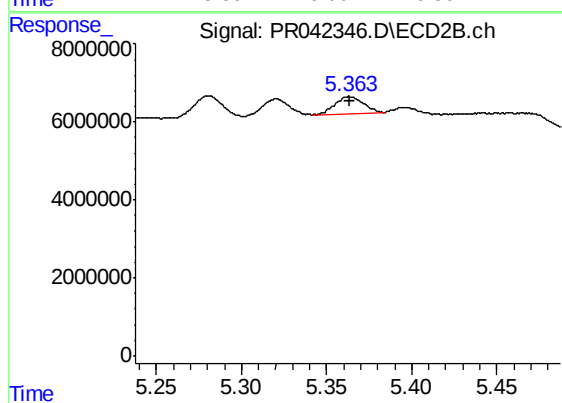
#18 AR-1242-3

R.T.: 5.281 min  
Delta R.T.: 0.000 min  
Response: 5932661  
Conc: 22.45 ng/ml



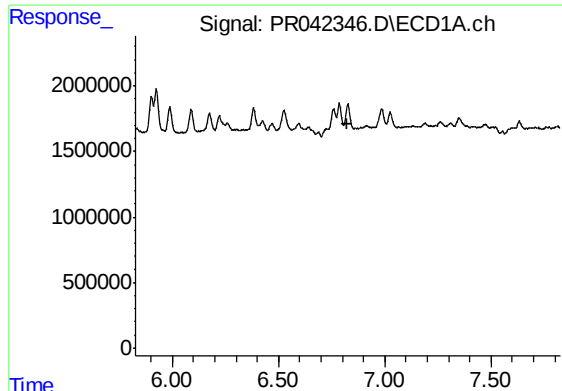
#19 AR-1242-4

R.T.: 0.000 min  
Exp R.T. : 6.088 min  
Response: 0  
Conc: N.D.



#19 AR-1242-4

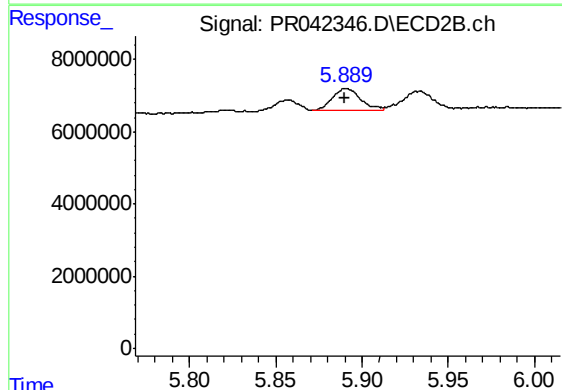
R.T.: 5.363 min  
Delta R.T.: 0.000 min  
Response: 4886160  
Conc: 20.26 ng/ml



#20 AR-1242-5

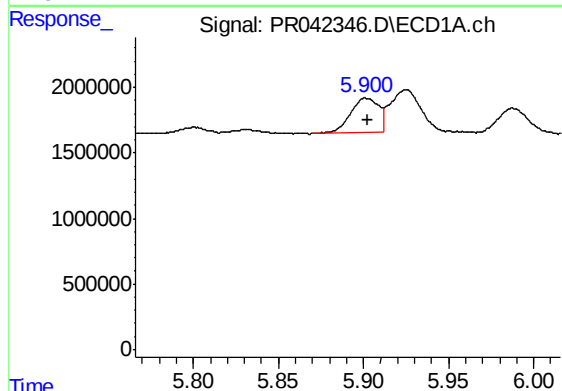
R.T.: 0.000 min  
Exp R.T.: 6.826 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_R  
ClientSampleId :  
MDL-MDL-WATER-03-QT4-2019



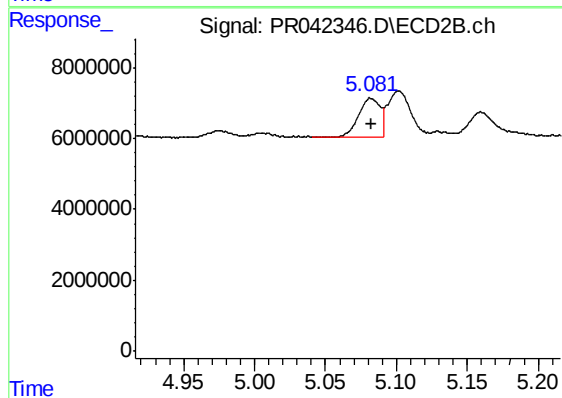
#20 AR-1242-5

R.T.: 5.891 min  
Delta R.T.: 0.000 min  
Response: 6866536  
Conc: 25.81 ng/ml



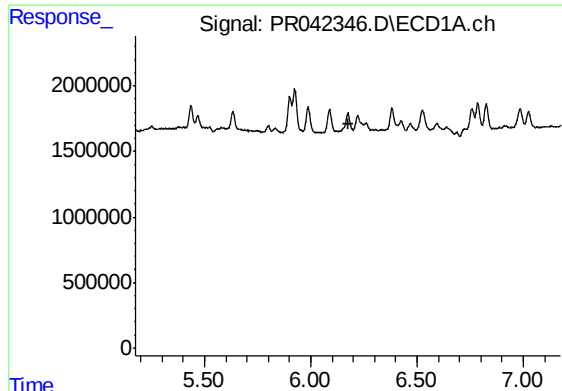
#21 AR-1248-1

R.T.: 5.902 min  
Delta R.T.: 0.000 min  
Response: 3048214  
Conc: 32.93 ng/ml



#21 AR-1248-1

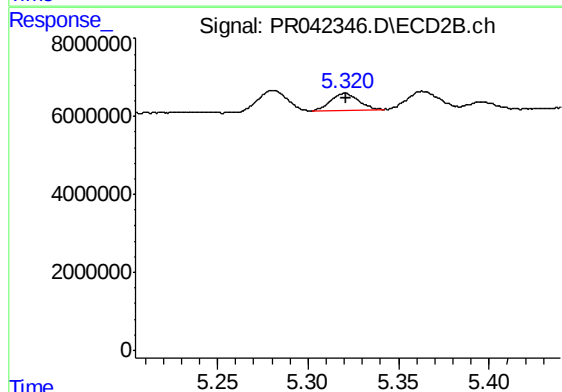
R.T.: 5.082 min  
Delta R.T.: 0.000 min  
Response: 11206000  
Conc: 34.03 ng/ml



#22 AR-1248-2

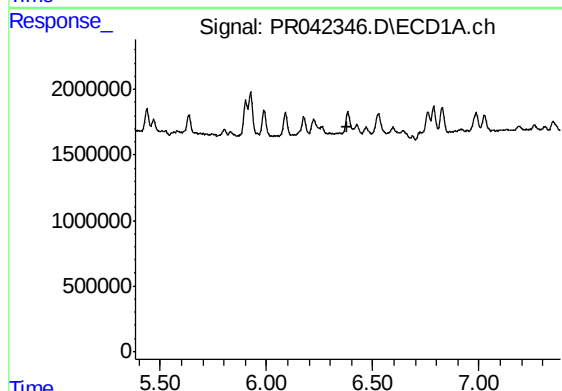
R.T.: 0.000 min  
Exp R.T.: 6.175 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_R  
ClientSampleId :  
MDL-MDL-WATER-03-QT4-2019



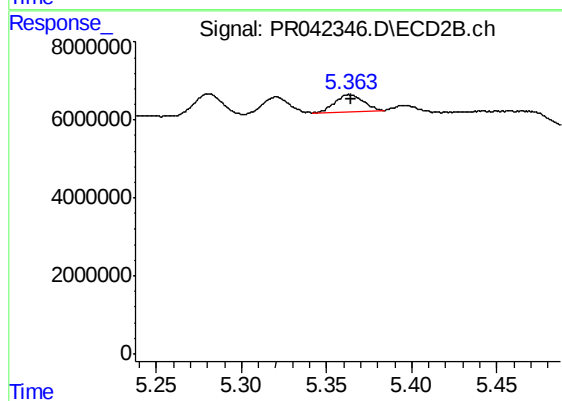
#22 AR-1248-2

R.T.: 5.320 min  
Delta R.T.: 0.000 min  
Response: 4604556  
Conc: 13.13 ng/ml



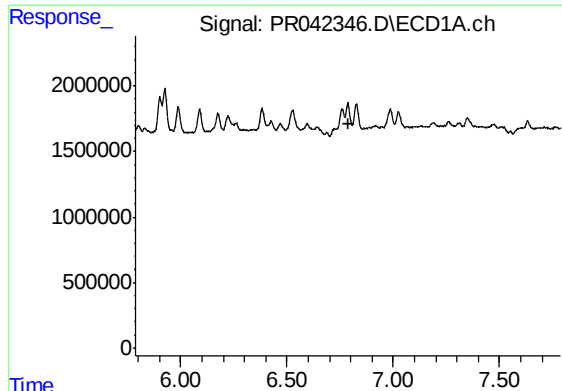
#23 AR-1248-3

R.T.: 0.000 min  
Exp R.T.: 6.383 min  
Response: 0  
Conc: N.D.



#23 AR-1248-3

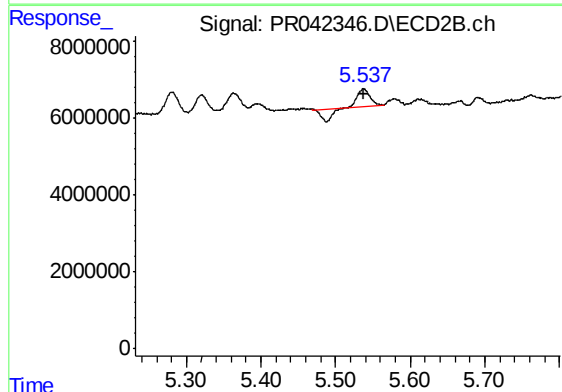
R.T.: 5.363 min  
Delta R.T.: -0.001 min  
Response: 4886160  
Conc: 13.92 ng/ml



#24 AR-1248-4

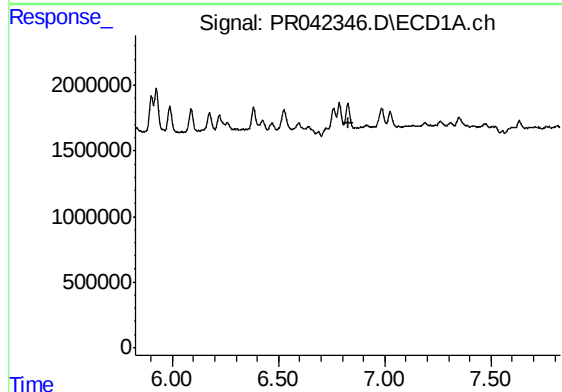
R.T.: 0.000 min  
Exp R.T. : 6.787 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_R  
ClientSampleId :  
MDL-MDL-WATER-03-QT4-2019



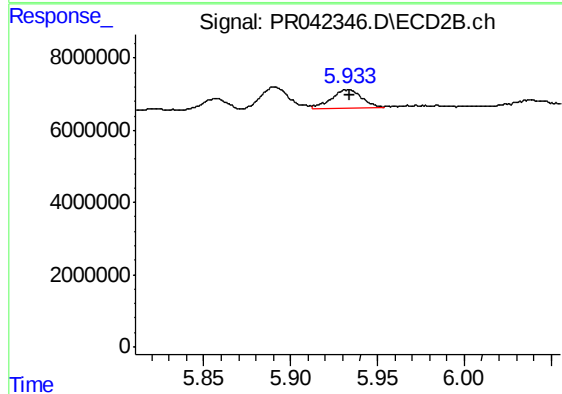
#24 AR-1248-4

R.T.: 5.537 min  
Delta R.T.: 0.000 min  
Response: 2740291  
Conc: 7.21 ng/ml



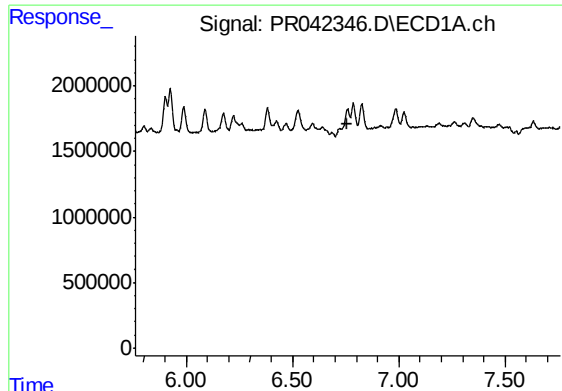
#25 AR-1248-5

R.T.: 0.000 min  
Exp R.T. : 6.827 min  
Response: 0  
Conc: N.D.



#25 AR-1248-5

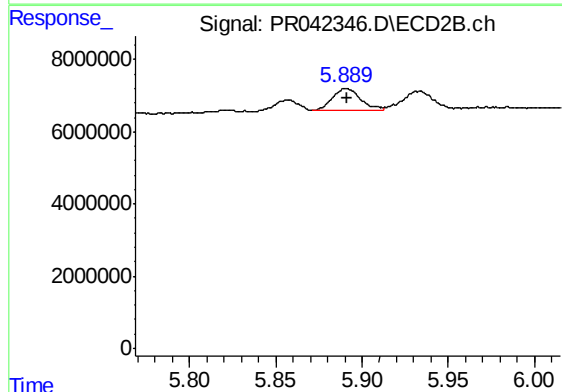
R.T.: 5.933 min  
Delta R.T.: 0.000 min  
Response: 6069729  
Conc: 16.30 ng/ml



#26 AR-1254-1

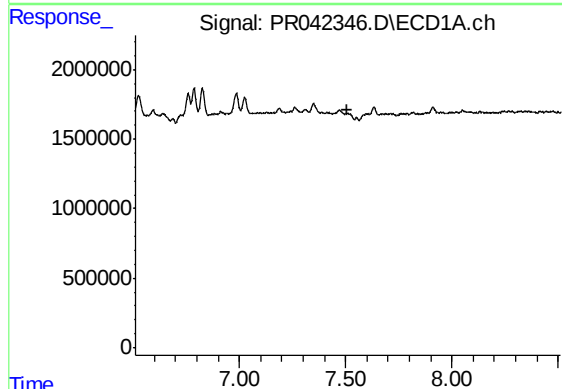
R.T.: 0.000 min  
Exp R.T. : 6.761 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_R  
ClientSampleId :  
MDL-MDL-WATER-03-QT4-2019



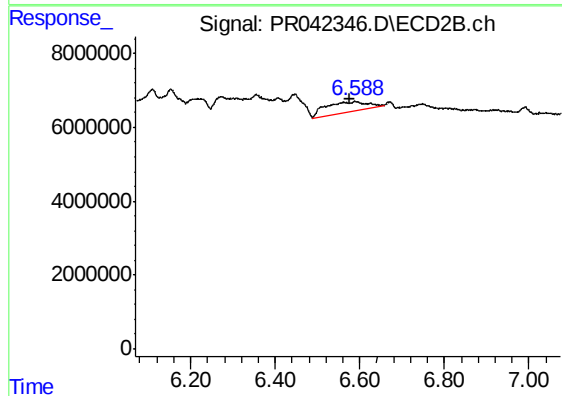
#26 AR-1254-1

R.T.: 5.891 min  
Delta R.T.: 0.000 min  
Response: 6866536  
Conc: 11.95 ng/ml



#31 AR-1260-1

R.T.: 0.000 min  
Exp R.T. : 7.511 min  
Response: 0  
Conc: N.D.



#31 AR-1260-1

R.T.: 6.589 min  
Delta R.T.: 0.013 min  
Response: 18490077  
Conc: 31.97 ng/ml