

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL040319\
 Data File : PL046950.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 03 Apr 2019 13:21
 Operator : AJ\SJ
 Sample : K1560-09
 Misc : PEST MDL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 MDL-MDL-WATER-03-QT1-2019

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 04 01:26:32 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL032219.M
 Quant Title : GC Extractables
 QLast Update : Fri Mar 22 13:40:08 2019
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 µl
 Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
 Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x0.5µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds							
1)	SA Tetrachlo...	3.359	3.978	139.6E6	44767635	19.187	19.553
28)	SA Decachlor...	8.038	9.034	180.2E6	52157804	21.419	22.497
Target Compounds							
2)	A alpha-BHC	3.788	4.367	13259372	2206729	1.137	0.687 #
3)	MA gamma-BHC...	4.065	4.652	8918866	1898221	0.830	0.634
4)	MA Heptachlor	4.352	5.159	9235530	3677567	0.838	1.196 #
5)	MB Aldrin	4.592	5.463	7786648	2395856	0.755	0.836
6)	B beta-BHC	0.000	4.828	0	309134	N.D.	0.233 #
7)	B delta-BHC	4.513	5.044	6847722	-691251	0.676	N.D. #
8)	B Heptachlor...	5.029	5.846	8227915	2125874	0.844	0.806
9)	A Endosulfan I	5.362	6.206	7759641	2585422	0.825	0.991
10)	B gamma-Chl...	5.253	6.084	8803573	2823943	0.857	0.995
11)	B alpha-Chl...	5.309	6.155	8743095	2808054	0.862	0.990
12)	B 4,4'-DDE	5.476	6.313	6936236	2136540	0.753	0.861
13)	MA Dieldrin	5.601	6.462	7882509	2481851	0.785	0.916
14)	MA Endrin	5.854	6.680	8432446	2034971	0.895	0.852
15)	B Endosulfa...	6.129	6.891	8970028	2700781	1.001	1.119
16)	A 4,4'-DDD	5.987	6.804	5916494	2017705	0.783	1.003 #
17)	MA 4,4'-DDT	6.223	7.102	5665594	1798949	0.748	0.858
18)	B Endrin al...	6.296	7.015	6650563	2642805	0.887	1.244 #
19)	B Endosulfa...	6.508	7.237	7647964	2787450	0.931	1.182 #
21)	B Endrin ke...	6.990	7.706	7491521	2312214	0.810	0.931
22)	Mirex	7.167	8.159	8328296	2342474	1.143	1.171
24)	Chlordane-2	0.000	5.463f	0	2395856	N.D.	20.511 #
25)	Chlordane-3	5.253	6.084	8803573	2823943	7.905	7.407
26)	Chlordane-4	5.309	6.155	8743095	2808054	8.455	6.086 #
27)	Chlordane-5	6.129	0.000	8970028	0	26.284	N.D. #

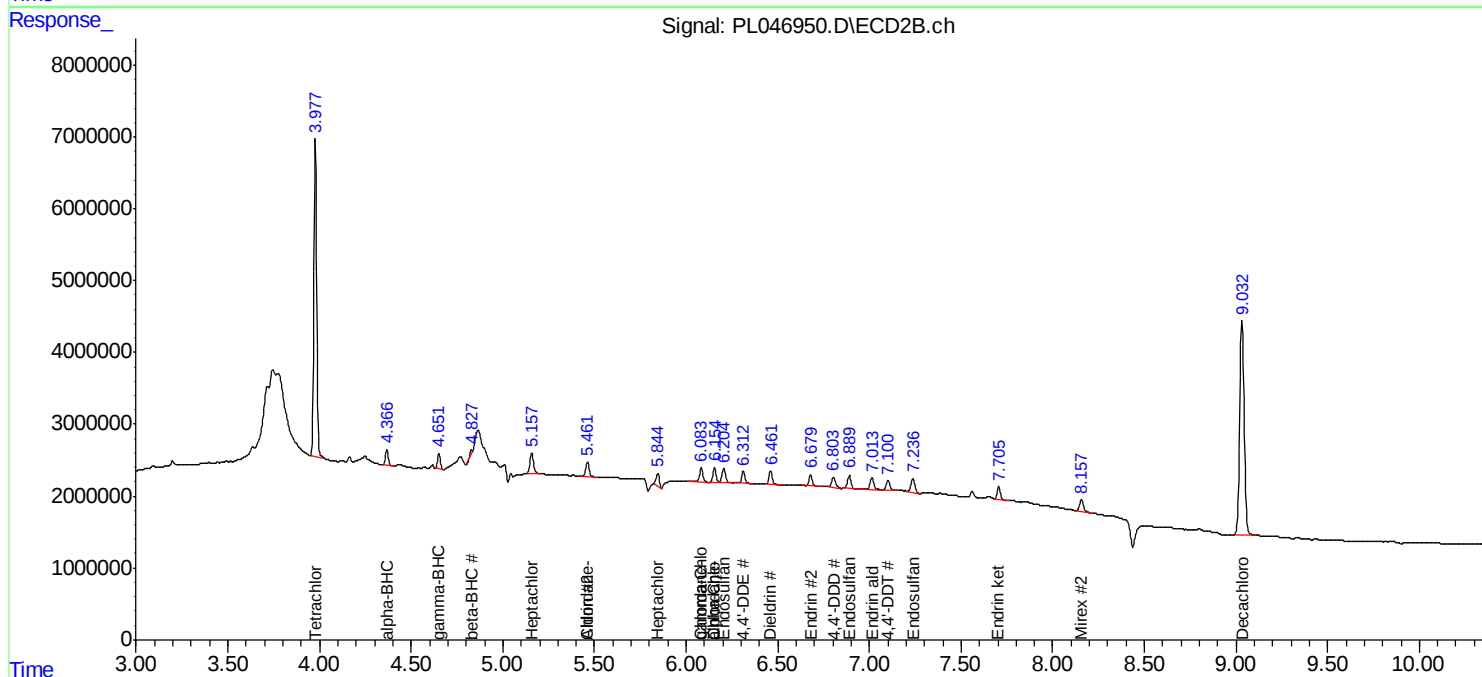
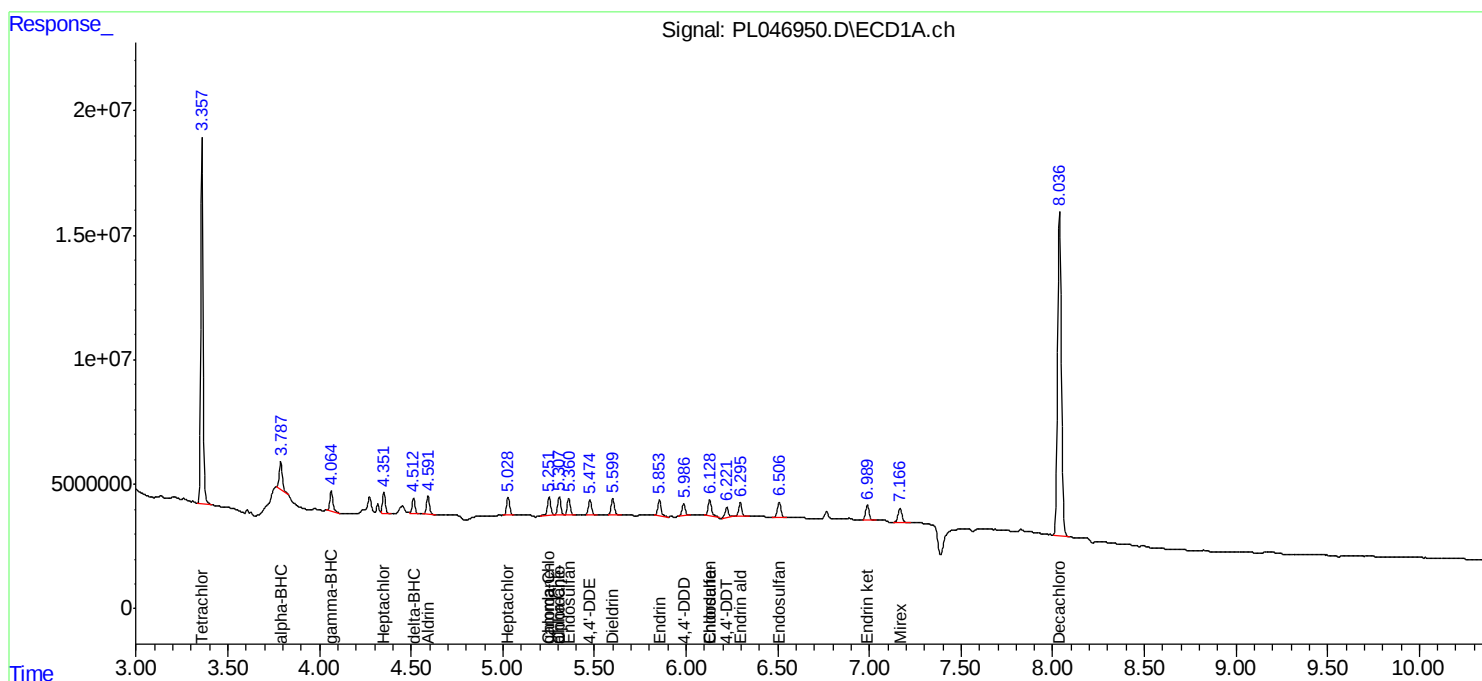
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

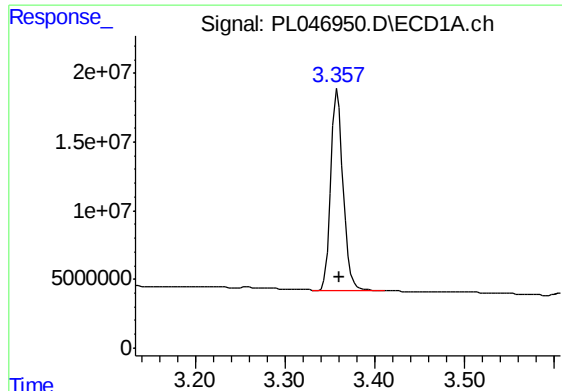
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL040319\
Data File : PL046950.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 03 Apr 2019 13:21
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Sample : K1560-09
Misc : PEST MDL
ALS Vial : 8 Sample Multiplier: 1

Instrument :
ECD_L
ClientSampleId :
MDL-MDL-WATER-03-QT1-2019

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 04 01:26:32 2019
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL032219.M
Quant Title : GC Extractables
QLast Update : Fri Mar 22 13:40:08 2019
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Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x0.5µm

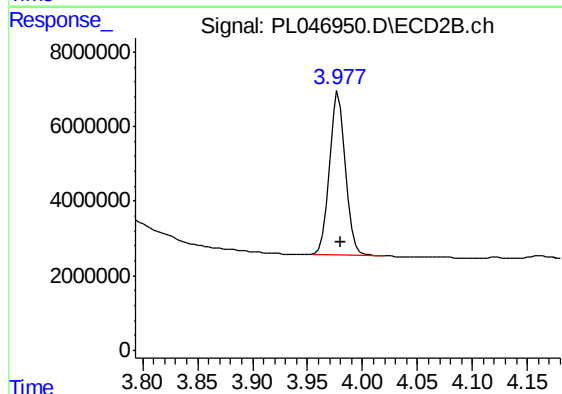




#1 Tetrachloro-m-xylene

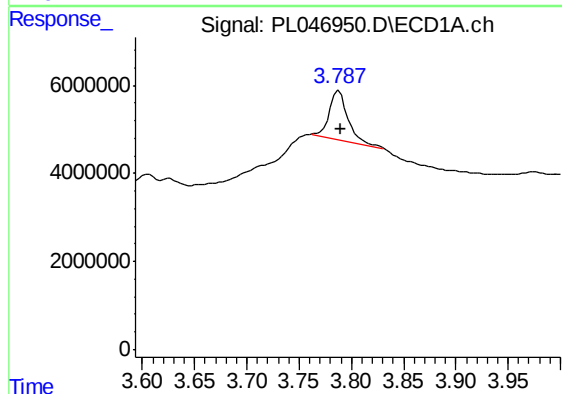
R.T.: 3.359 min
Delta R.T.: -0.002 min
Response: 139577042
Conc: 19.19 ng/ml

Instrument :
ECD_L
ClientSampleId :
MDL-MDL-WATER-03-QT1-2019



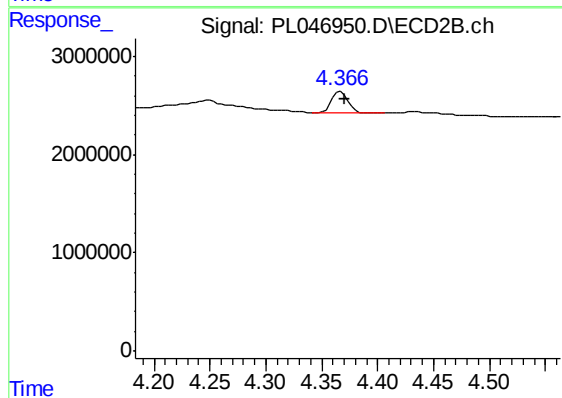
#1 Tetrachloro-m-xylene

R.T.: 3.978 min
Delta R.T.: -0.002 min
Response: 44767635
Conc: 19.55 ng/ml



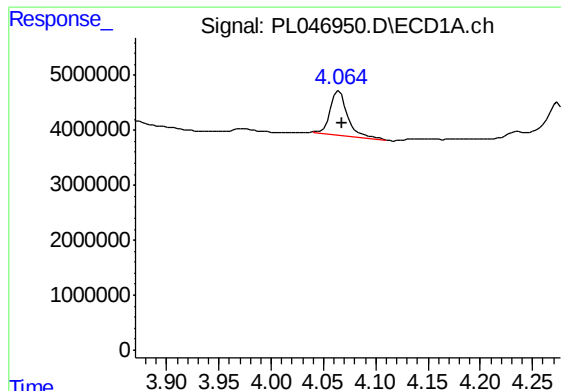
#2 alpha-BHC

R.T.: 3.788 min
Delta R.T.: -0.003 min
Response: 13259372
Conc: 1.14 ng/ml



#2 alpha-BHC

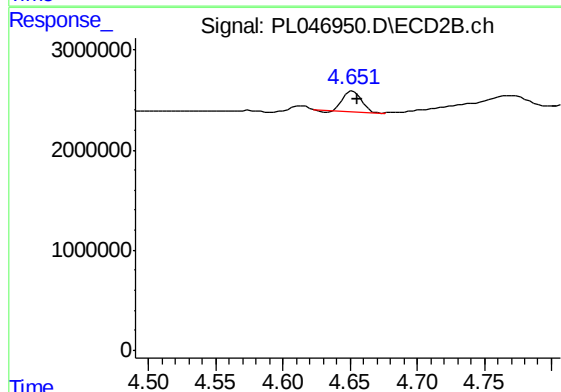
R.T.: 4.367 min
Delta R.T.: -0.003 min
Response: 2206729
Conc: 0.69 ng/ml



#3 gamma-BHC (Lindane)

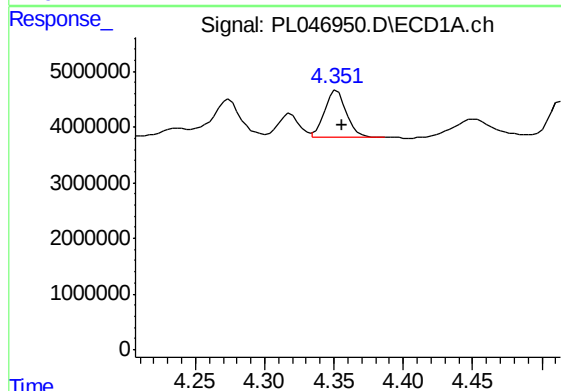
R.T.: 4.065 min
Delta R.T.: -0.003 min
Response: 8918866
Conc: 0.83 ng/ml

Instrument :
ECD_L
ClientSampleId :
MDL-MDL-WATER-03-QT1-2019



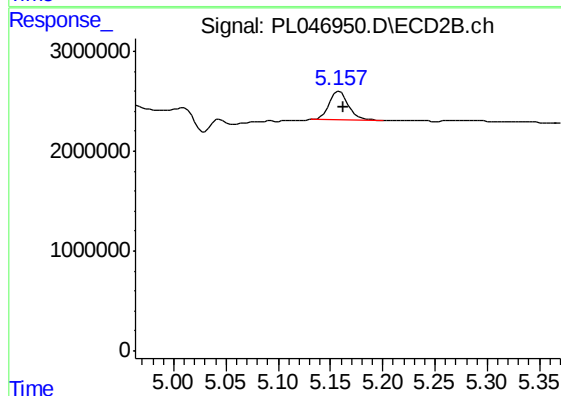
#3 gamma-BHC (Lindane)

R.T.: 4.652 min
Delta R.T.: -0.003 min
Response: 1898221
Conc: 0.63 ng/ml



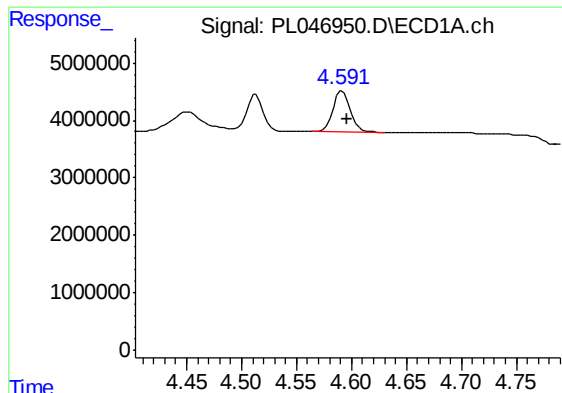
#4 Heptachlor

R.T.: 4.352 min
Delta R.T.: -0.004 min
Response: 9235530
Conc: 0.84 ng/ml



#4 Heptachlor

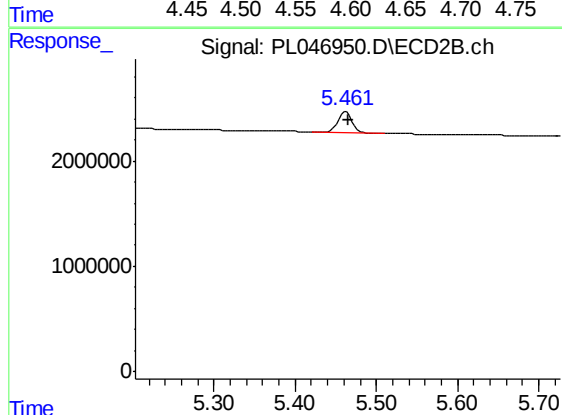
R.T.: 5.159 min
Delta R.T.: -0.004 min
Response: 3677567
Conc: 1.20 ng/ml



#5 Aldrin

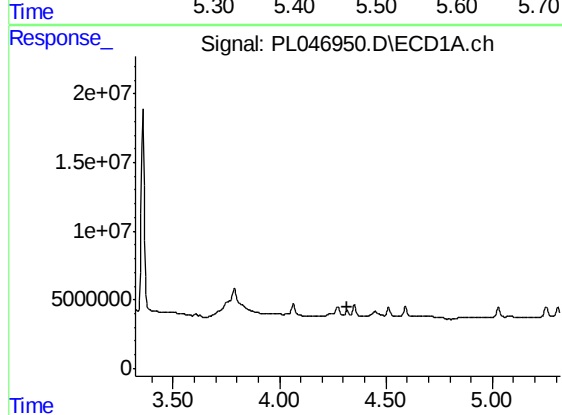
R.T.: 4.592 min
Delta R.T.: -0.004 min
Response: 7786648
Conc: 0.75 ng/ml

Instrument :
ECD_L
ClientSampleId :
MDL-MDL-WATER-03-QT1-2019



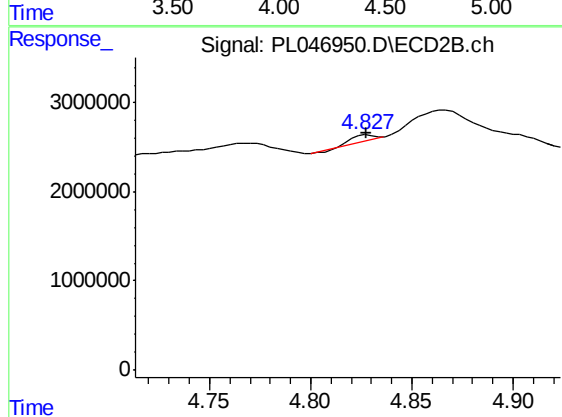
#5 Aldrin

R.T.: 5.463 min
Delta R.T.: -0.004 min
Response: 2395856
Conc: 0.84 ng/ml



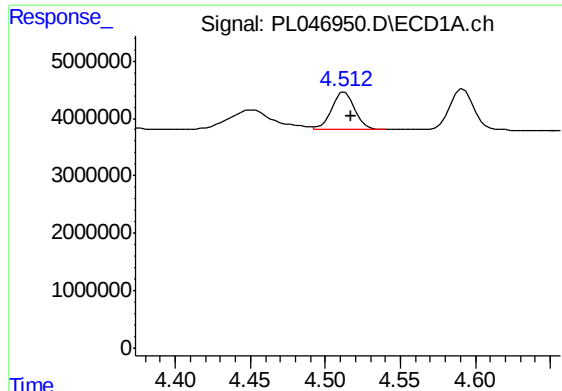
#6 beta-BHC

R.T.: 0.000 min
Exp R.T. : 4.321 min
Response: 0
Conc: N.D.



#6 beta-BHC

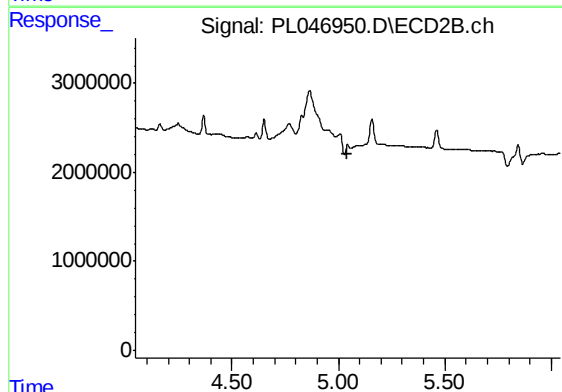
R.T.: 4.828 min
Delta R.T.: 0.000 min
Response: 309134
Conc: 0.23 ng/ml



#7 delta-BHC

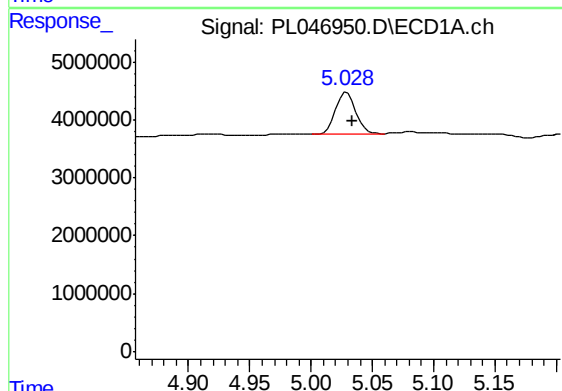
R.T.: 4.513 min
Delta R.T.: -0.004 min
Response: 6847722
Conc: 0.68 ng/ml

Instrument :
ECD_L
ClientSampleId :
MDL-MDL-WATER-03-QT1-2019



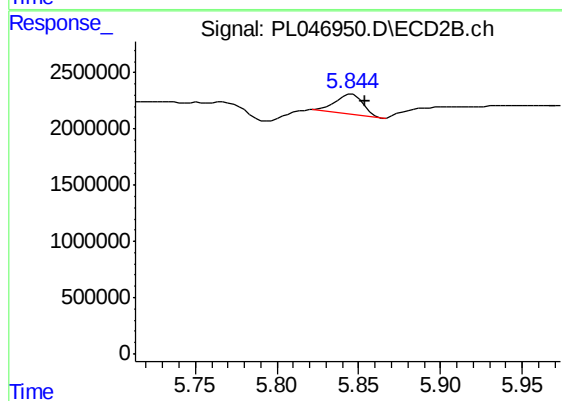
#7 delta-BHC

R.T.: 5.044 min
Delta R.T.: 0.000 min
Response: -691251
Conc: N.D.



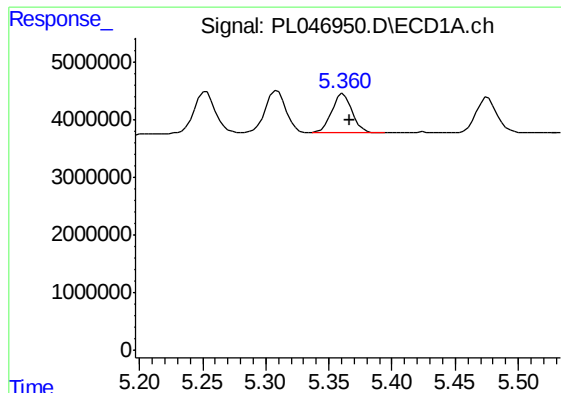
#8 Heptachlor epoxide

R.T.: 5.029 min
Delta R.T.: -0.005 min
Response: 8227915
Conc: 0.84 ng/ml



#8 Heptachlor epoxide

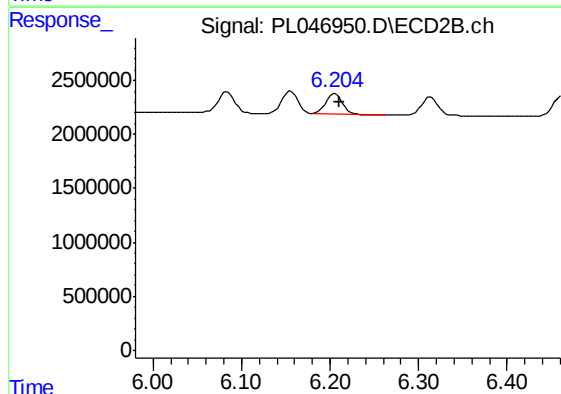
R.T.: 5.846 min
Delta R.T.: -0.008 min
Response: 2125874
Conc: 0.81 ng/ml



#9 Endosulfan I

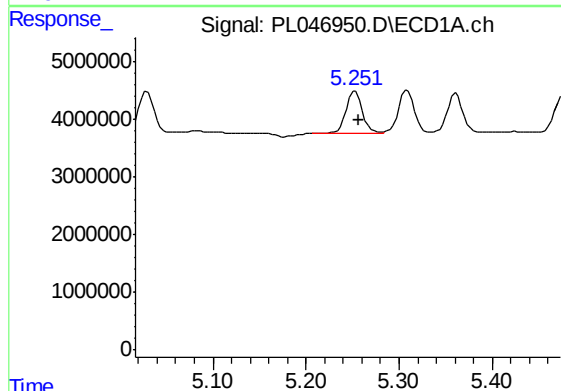
R.T.: 5.362 min
Delta R.T.: -0.005 min
Response: 7759641
Conc: 0.83 ng/ml

Instrument :
ECD_L
ClientSampleId :
MDL-MDL-WATER-03-QT1-2019



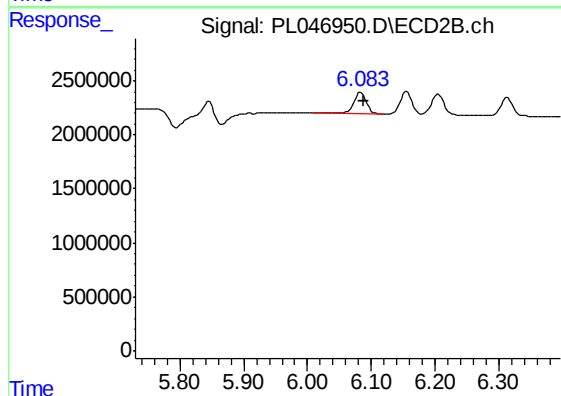
#9 Endosulfan I

R.T.: 6.206 min
Delta R.T.: -0.005 min
Response: 2585422
Conc: 0.99 ng/ml



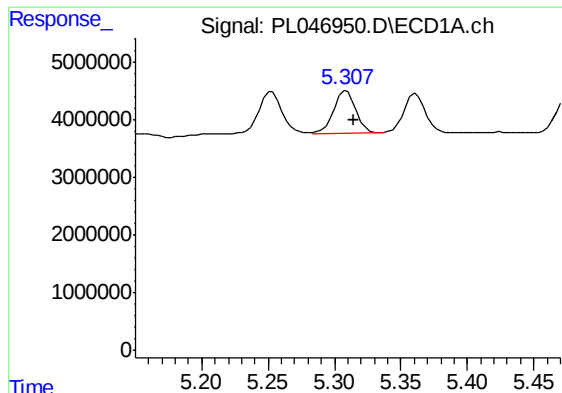
#10 gamma-Chlordane

R.T.: 5.253 min
Delta R.T.: -0.004 min
Response: 8803573
Conc: 0.86 ng/ml



#10 gamma-Chlordane

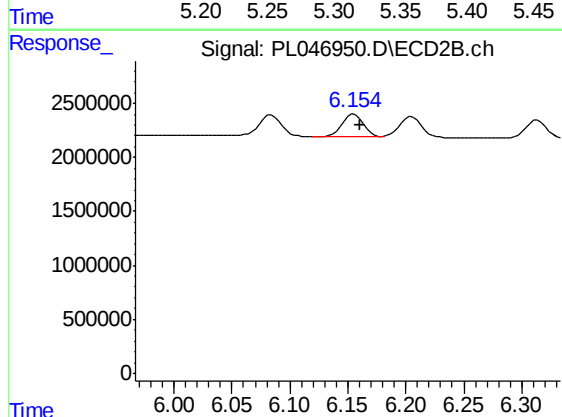
R.T.: 6.084 min
Delta R.T.: -0.004 min
Response: 2823943
Conc: 1.00 ng/ml



#11 alpha-Chlordane

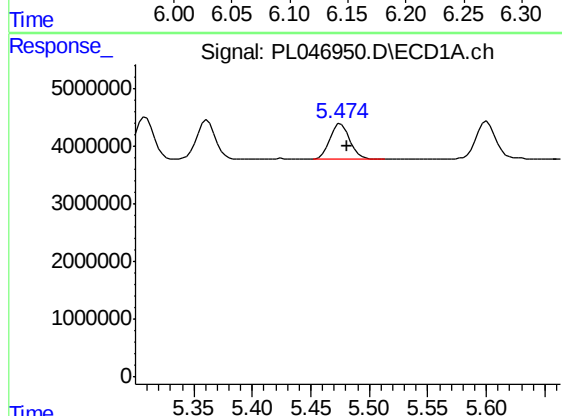
R.T.: 5.309 min
Delta R.T.: -0.005 min
Response: 8743095
Conc: 0.86 ng/ml

Instrument :
ECD_L
ClientSampleId :
MDL-MDL-WATER-03-QT1-2019



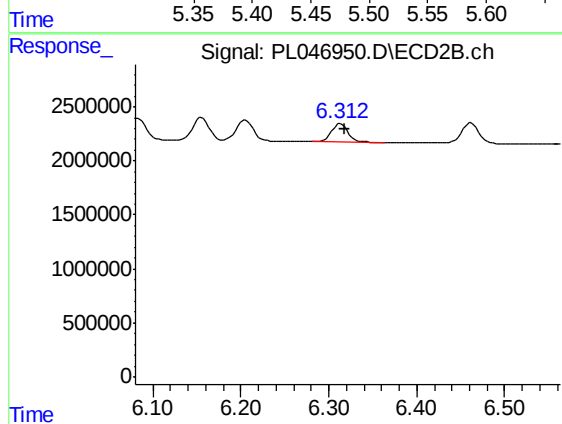
#11 alpha-Chlordane

R.T.: 6.155 min
Delta R.T.: -0.005 min
Response: 2808054
Conc: 0.99 ng/ml



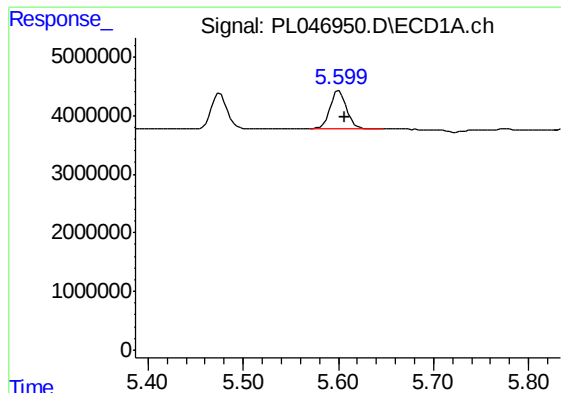
#12 4,4'-DDE

R.T.: 5.476 min
Delta R.T.: -0.005 min
Response: 6936236
Conc: 0.75 ng/ml



#12 4,4'-DDE

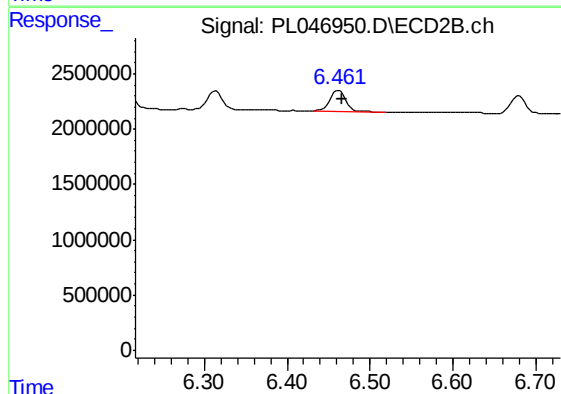
R.T.: 6.313 min
Delta R.T.: -0.005 min
Response: 2136540
Conc: 0.86 ng/ml



#13 Dieldrin

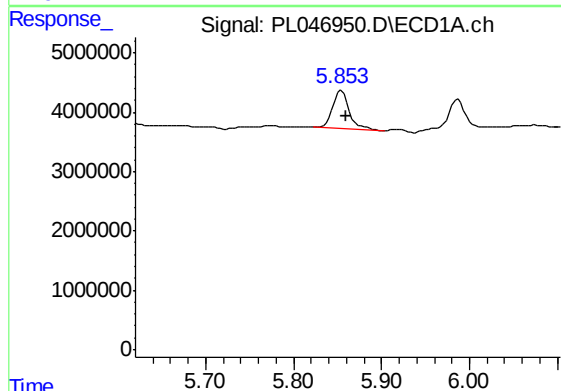
R.T.: 5.601 min
Delta R.T.: -0.005 min
Response: 7882509
Conc: 0.79 ng/ml

Instrument :
ECD_L
ClientSampleId :
MDL-MDL-WATER-03-QT1-2019



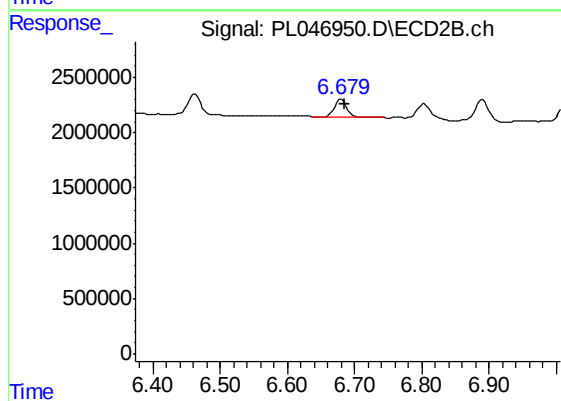
#13 Dieldrin

R.T.: 6.462 min
Delta R.T.: -0.005 min
Response: 2481851
Conc: 0.92 ng/ml



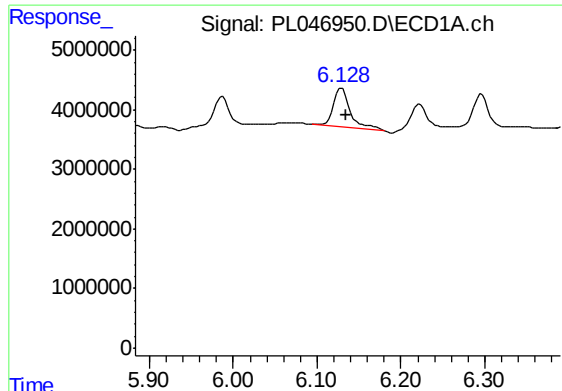
#14 Endrin

R.T.: 5.854 min
Delta R.T.: -0.005 min
Response: 8432446
Conc: 0.90 ng/ml



#14 Endrin

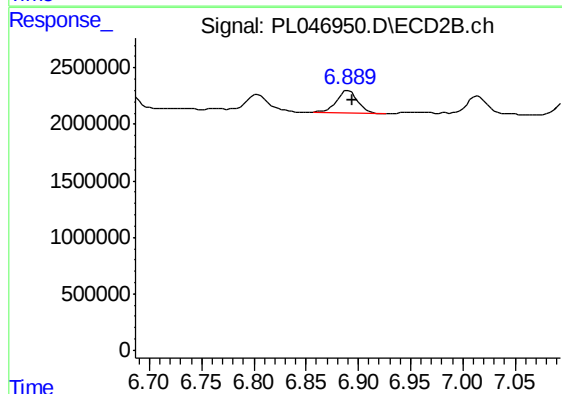
R.T.: 6.680 min
Delta R.T.: -0.004 min
Response: 2034971
Conc: 0.85 ng/ml



#15 Endosulfan II

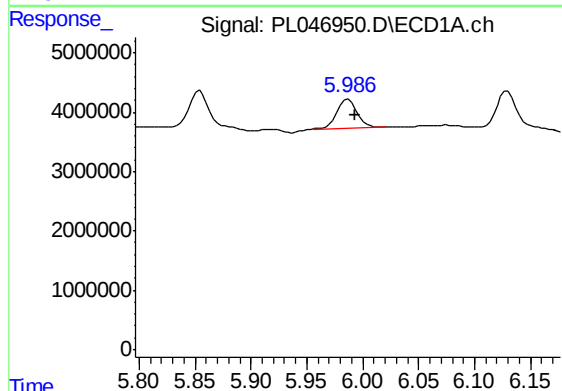
R.T.: 6.129 min
Delta R.T.: -0.005 min
Response: 8970028
Conc: 1.00 ng/ml

Instrument :
ECD_L
ClientSampleId :
MDL-MDL-WATER-03-QT1-2019



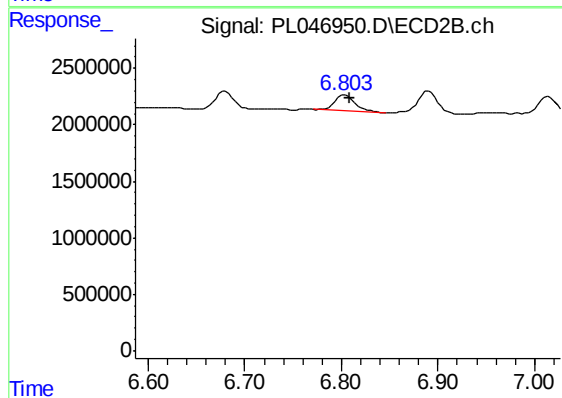
#15 Endosulfan II

R.T.: 6.891 min
Delta R.T.: -0.004 min
Response: 2700781
Conc: 1.12 ng/ml



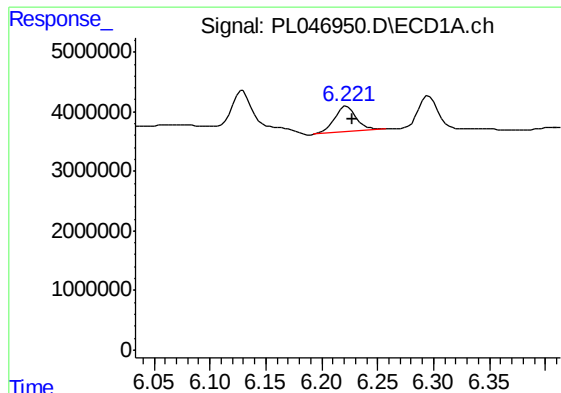
#16 4,4'-DDD

R.T.: 5.987 min
Delta R.T.: -0.005 min
Response: 5916494
Conc: 0.78 ng/ml



#16 4,4'-DDD

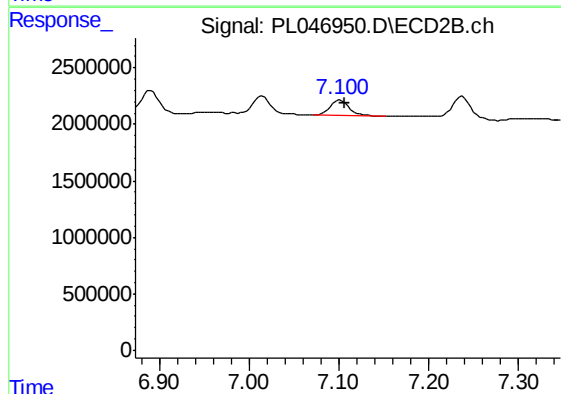
R.T.: 6.804 min
Delta R.T.: -0.005 min
Response: 2017705
Conc: 1.00 ng/ml



#17 4,4'-DDT

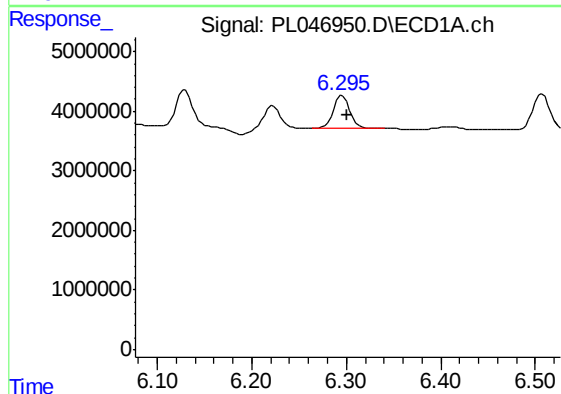
R.T.: 6.223 min
Delta R.T.: -0.005 min
Response: 5665594
Conc: 0.75 ng/ml

Instrument :
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ClientSampleId :
MDL-MDL-WATER-03-QT1-2019



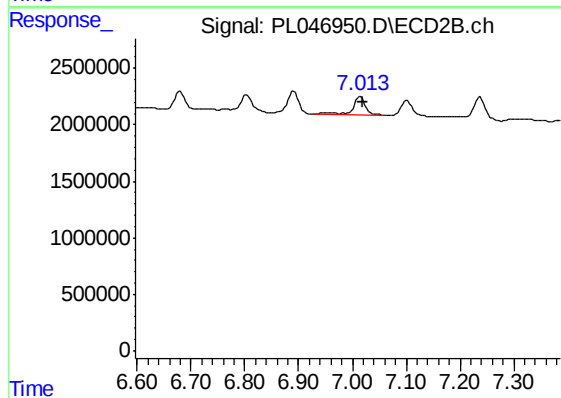
#17 4,4'-DDT

R.T.: 7.102 min
Delta R.T.: -0.005 min
Response: 1798949
Conc: 0.86 ng/ml



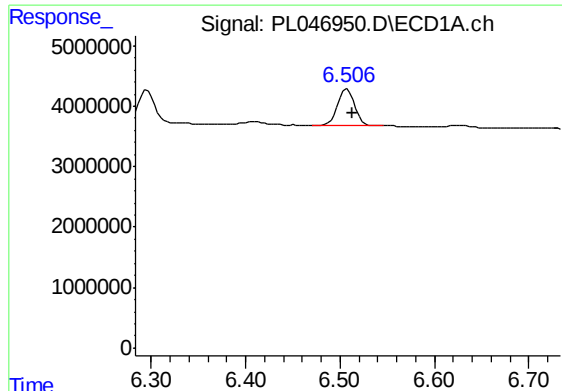
#18 Endrin aldehyde

R.T.: 6.296 min
Delta R.T.: -0.005 min
Response: 6650563
Conc: 0.89 ng/ml



#18 Endrin aldehyde

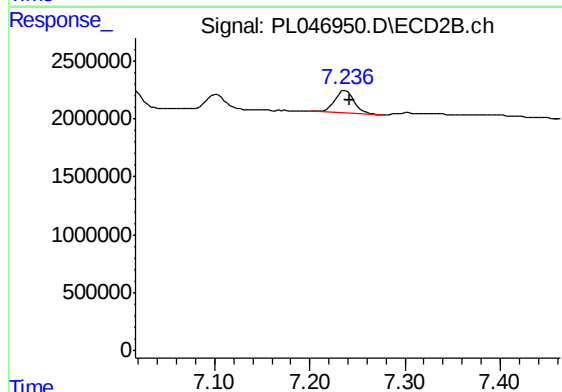
R.T.: 7.015 min
Delta R.T.: -0.004 min
Response: 2642805
Conc: 1.24 ng/ml



#19 Endosulfan Sulfate

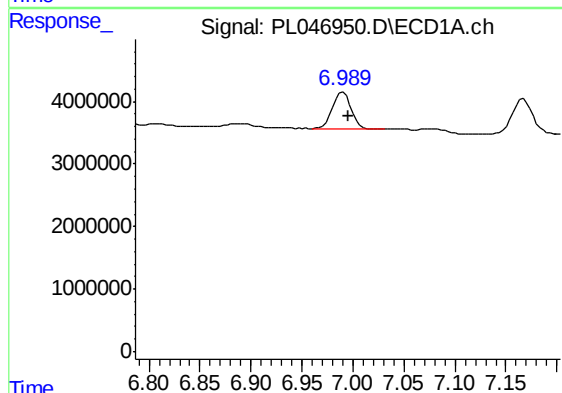
R.T.: 6.508 min
Delta R.T.: -0.005 min
Response: 7647964
Conc: 0.93 ng/ml

Instrument :
ECD_L
ClientSampleId :
MDL-MDL-WATER-03-QT1-2019



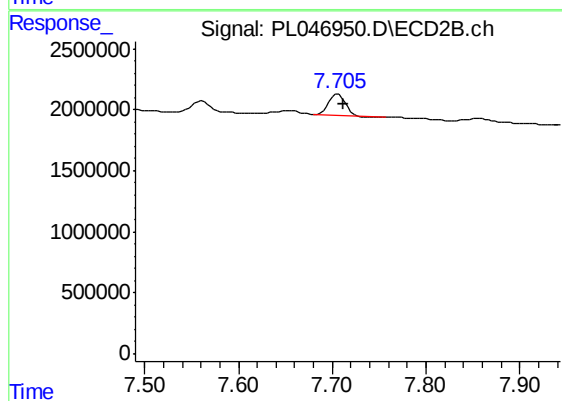
#19 Endosulfan Sulfate

R.T.: 7.237 min
Delta R.T.: -0.004 min
Response: 2787450
Conc: 1.18 ng/ml



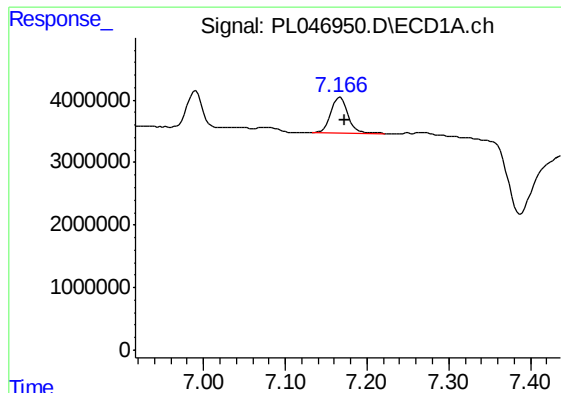
#21 Endrin ketone

R.T.: 6.990 min
Delta R.T.: -0.006 min
Response: 7491521
Conc: 0.81 ng/ml



#21 Endrin ketone

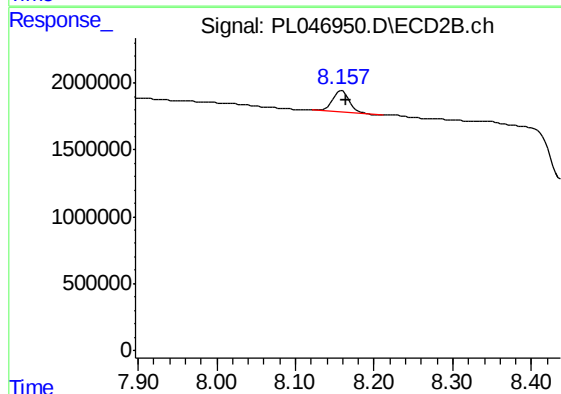
R.T.: 7.706 min
Delta R.T.: -0.006 min
Response: 2312214
Conc: 0.93 ng/ml



#22 Mirex

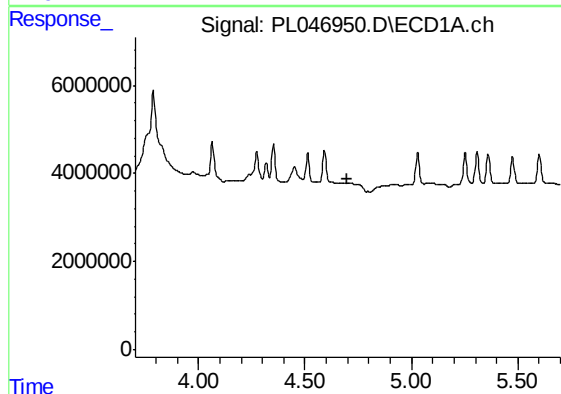
R.T.: 7.167 min
Delta R.T.: -0.006 min
Response: 8328296
Conc: 1.14 ng/ml

Instrument :
ECD_L
ClientSampleId :
MDL-MDL-WATER-03-QT1-2019



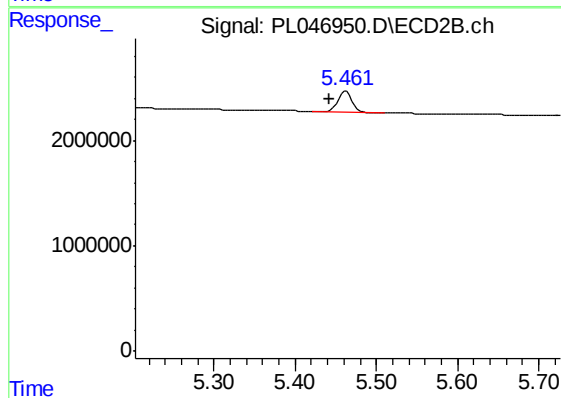
#22 Mirex

R.T.: 8.159 min
Delta R.T.: -0.006 min
Response: 2342474
Conc: 1.17 ng/ml



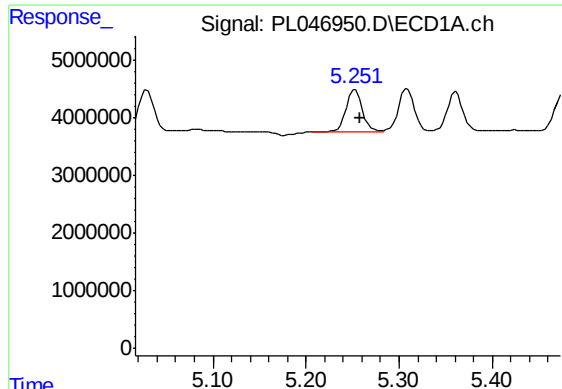
#24 Chlordane-2

R.T.: 0.000 min
Exp R.T. : 4.701 min
Response: 0
Conc: N.D.



#24 Chlordane-2

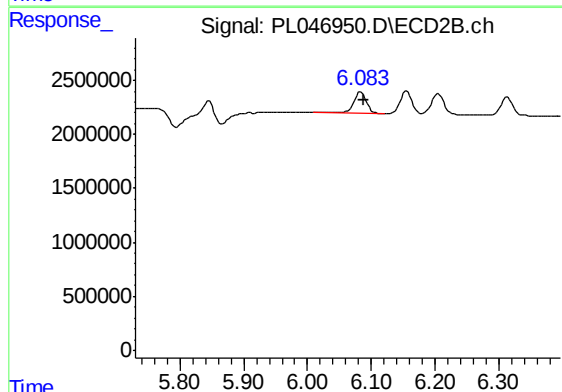
R.T.: 5.463 min
Delta R.T.: 0.020 min
Response: 2395856
Conc: 20.51 ng/ml



#25 Chlordane-3

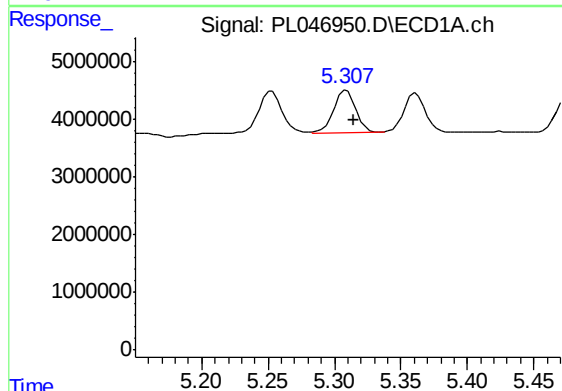
R.T.: 5.253 min
Delta R.T.: -0.005 min
Response: 8803573
Conc: 7.90 ng/ml

Instrument :
ECD_L
ClientSampleId :
MDL-MDL-WATER-03-QT1-2019



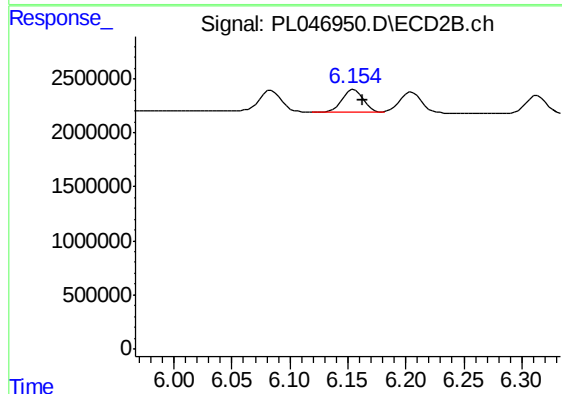
#25 Chlordane-3

R.T.: 6.084 min
Delta R.T.: -0.005 min
Response: 2823943
Conc: 7.41 ng/ml



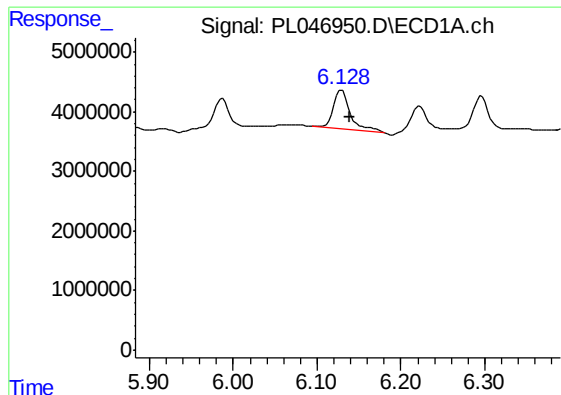
#26 Chlordane-4

R.T.: 5.309 min
Delta R.T.: -0.005 min
Response: 8743095
Conc: 8.46 ng/ml



#26 Chlordane-4

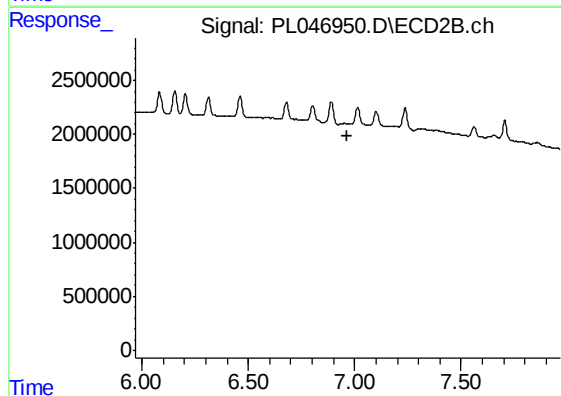
R.T.: 6.155 min
Delta R.T.: -0.008 min
Response: 2808054
Conc: 6.09 ng/ml



#27 Chlordane-5

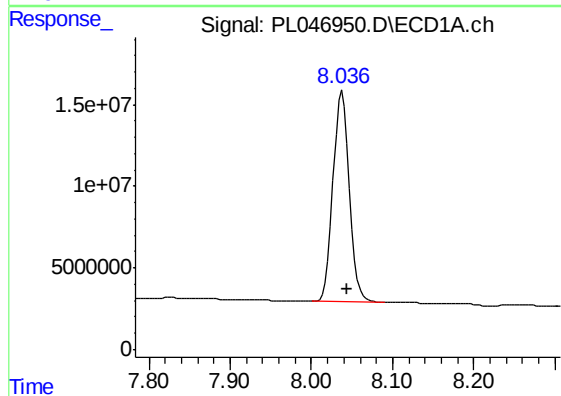
R.T.: 6.129 min
Delta R.T.: -0.010 min
Response: 8970028
Conc: 26.28 ng/ml

Instrument :
ECD_L
ClientSampleId :
MDL-MDL-WATER-03-QT1-2019



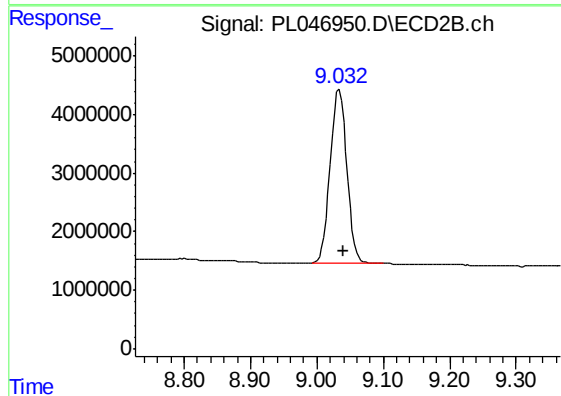
#27 Chlordane-5

R.T.: 0.000 min
Exp R.T. : 6.967 min
Response: 0
Conc: N.D.



#28 Decachlorobiphenyl

R.T.: 8.038 min
Delta R.T.: -0.006 min
Response: 180160394
Conc: 21.42 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.034 min
Delta R.T.: -0.006 min
Response: 52157804
Conc: 22.50 ng/ml