

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL112219\  
 Data File : PL054583.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 23 Nov 2019 01:28  
 Operator : SG\AJ  
 Sample : K5972-05  
 Misc :  
 ALS Vial : 42 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 SOIL-PILE

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Nov 23 03:59:43 2019  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL111819.M  
 Quant Title : GC Extractables  
 QLast Update : Tue Nov 19 01:04:14 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... | 3.538  | 4.053  | 205.5E6  | 50334641 | 19.765 | 20.661   |
| 28)                         | SA Decachlor... | 8.321  | 9.150  | 208.5E6  | 53788385 | 23.554 | 22.247   |
| Target Compounds            |                 |        |        |          |          |        |          |
| 2)                          | A alpha-BHC     | 3.971  | 0.000  | 67591403 | 0        | 3.968  | N.D. #   |
| 4)                          | MA Heptachlor   | 4.600f | 0.000  | 62747837 | 0        | 4.098  | N.D. #   |
| 6)                          | B beta-BHC      | 4.547f | 0.000  | 22317670 | 0        | 3.471  | N.D. #   |
| 7)                          | B delta-BHC     | 4.751f | 5.089f | 17217766 | 4080199  | 1.229  | 1.620 #  |
| 9)                          | A Endosulfan I  | 0.000  | 6.275  | 0        | 3864175  | N.D.   | 1.648 #  |
| 10)                         | B gamma-Chl...  | 5.489  | 6.136f | 13862437 | 2021037  | 1.080  | 0.812    |
| 13)                         | MA Dieldrin     | 5.862  | 6.537  | 4044929  | 2009912  | 0.331  | 0.830 #  |
| 15)                         | B Endosulfa...  | 0.000  | 6.976  | 0        | 2414258  | N.D.   | 1.111 #  |
| 17)                         | MA 4,4'-DDT     | 6.498f | 0.000  | 11287117 | 0        | 1.245  | N.D. #   |
| 25)                         | Chlordane-3     | 5.489  | 6.136f | 13862437 | 2021037  | 11.259 | 6.066 #  |
| 27)                         | Chlordane-5     | 0.000  | 7.036  | 0        | 4135233  | N.D.   | 56.977 # |
| -----                       |                 |        |        |          |          |        |          |

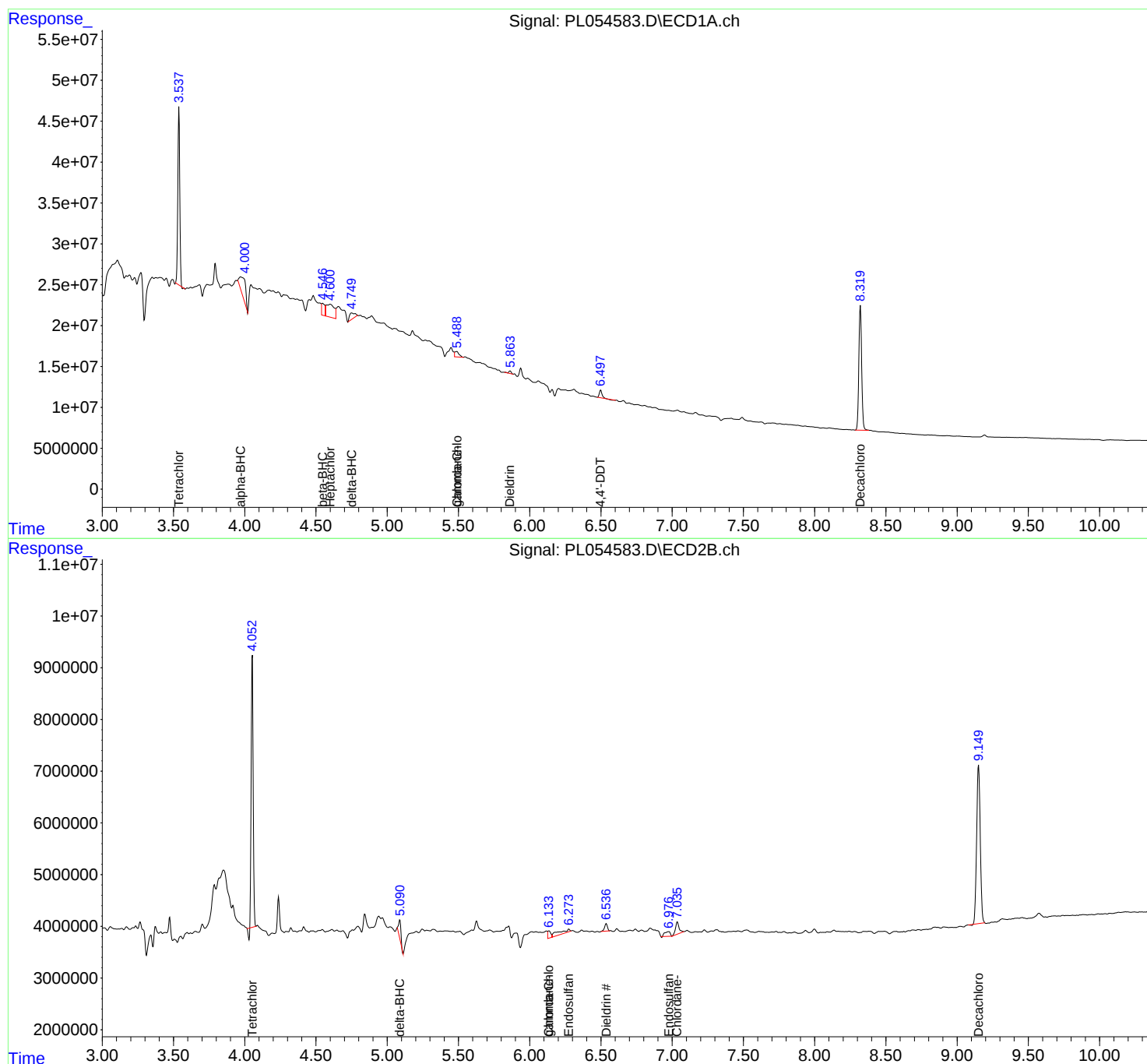
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

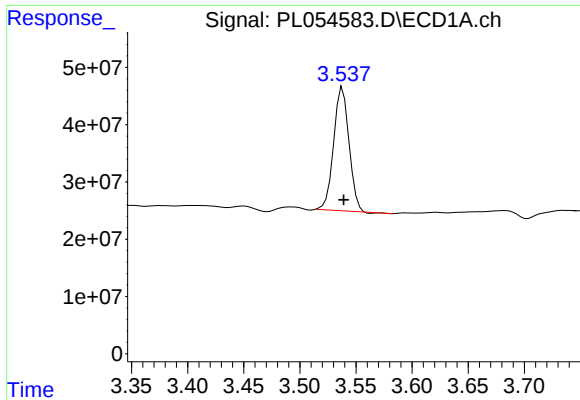
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ECD\_L  
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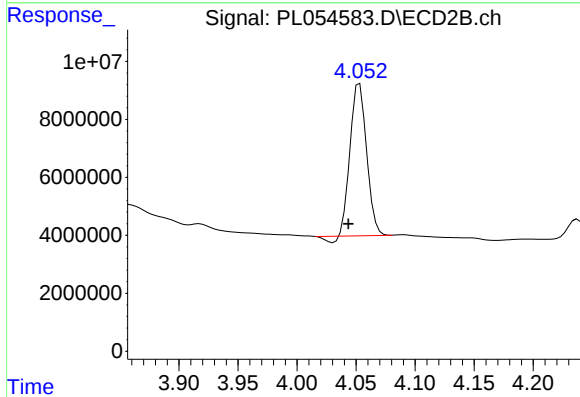




#1 Tetrachloro-m-xylene

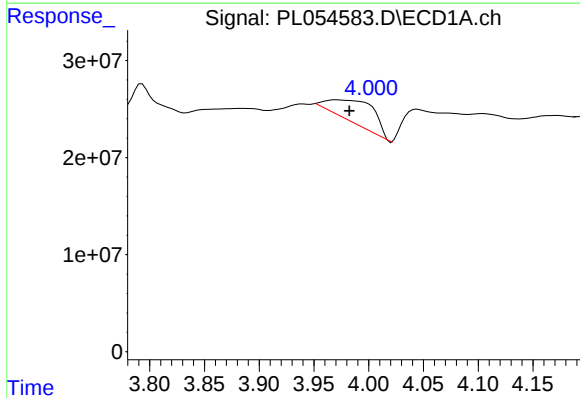
R.T.: 3.538 min  
Delta R.T.: 0.000 min  
Response: 205501584  
Conc: 19.76 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
SOIL-PILE



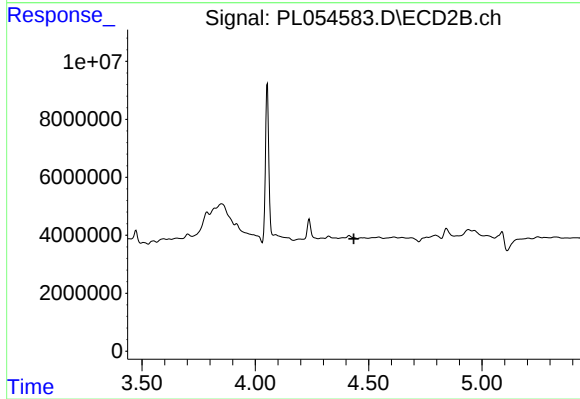
#1 Tetrachloro-m-xylene

R.T.: 4.053 min  
Delta R.T.: 0.010 min  
Response: 50334641  
Conc: 20.66 ng/ml



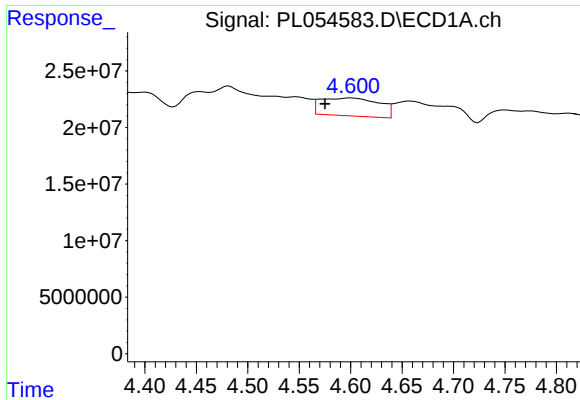
#2 alpha-BHC

R.T.: 3.971 min  
Delta R.T.: -0.011 min  
Response: 67591403  
Conc: 3.97 ng/ml



#2 alpha-BHC

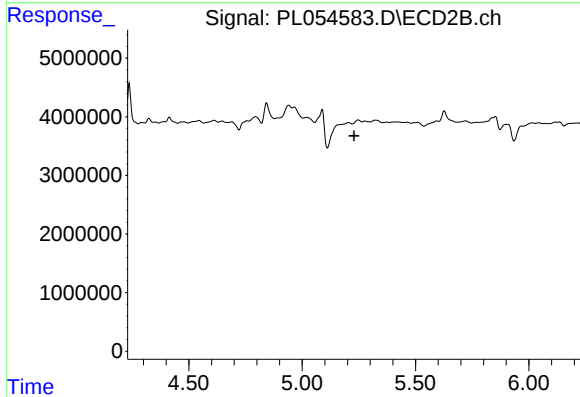
R.T.: 0.000 min  
Exp R.T.: 4.435 min  
Response: 0  
Conc: N.D.



#4 Heptachlor

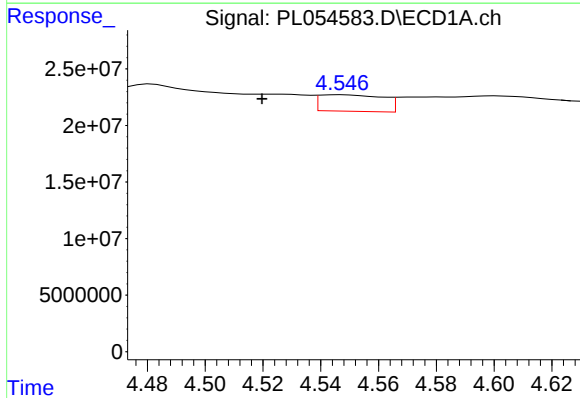
R.T.: 4.600 min  
Delta R.T.: 0.025 min  
Response: 62747837  
Conc: 4.10 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
SOIL-PILE



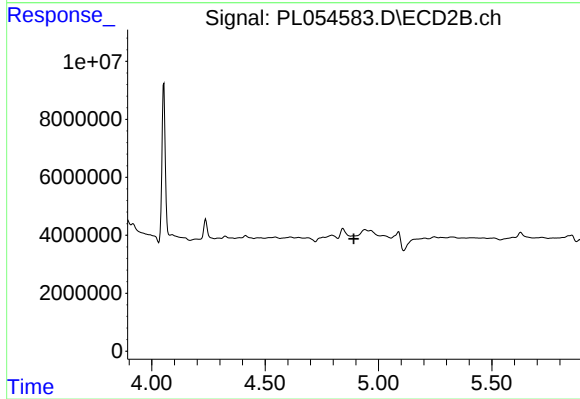
#4 Heptachlor

R.T.: 0.000 min  
Exp R.T.: 5.230 min  
Response: 0  
Conc: N.D.



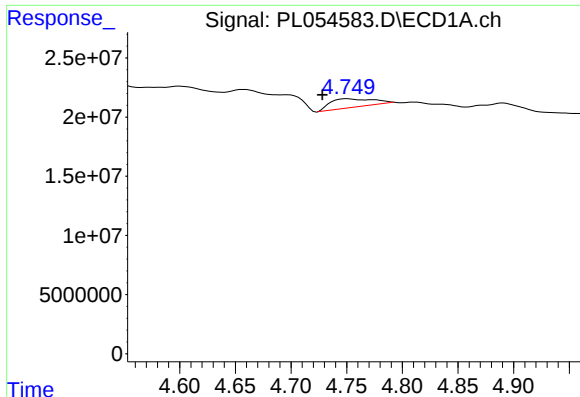
#6 beta-BHC

R.T.: 4.547 min  
Delta R.T.: 0.027 min  
Response: 22317670  
Conc: 3.47 ng/ml



#6 beta-BHC

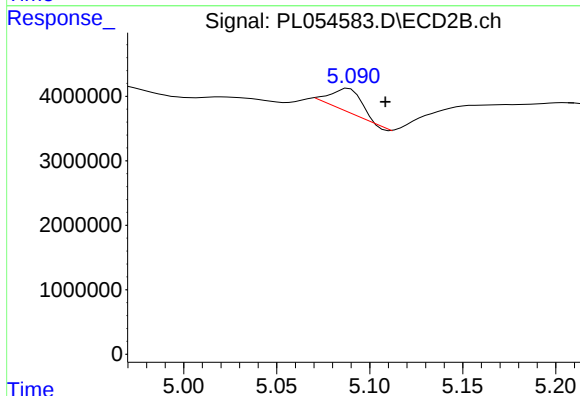
R.T.: 0.000 min  
Exp R.T.: 4.891 min  
Response: 0  
Conc: N.D.



#7 delta-BHC

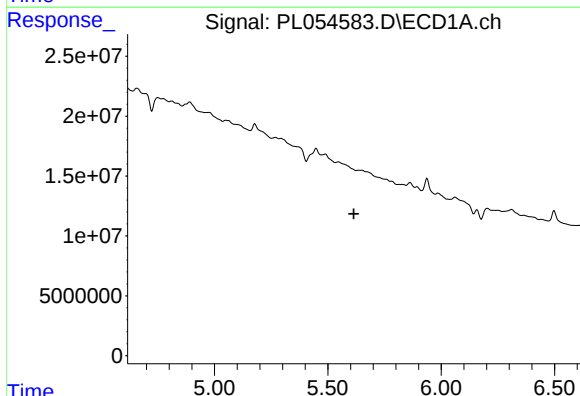
R.T.: 4.751 min  
Delta R.T.: 0.022 min  
Response: 17217766  
Conc: 1.23 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
SOIL-PILE



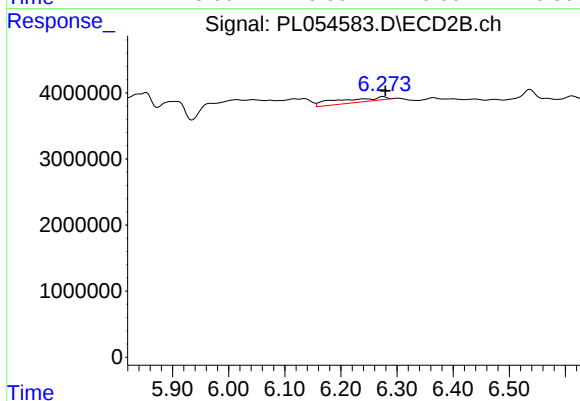
#7 delta-BHC

R.T.: 5.089 min  
Delta R.T.: -0.020 min  
Response: 4080199  
Conc: 1.62 ng/ml



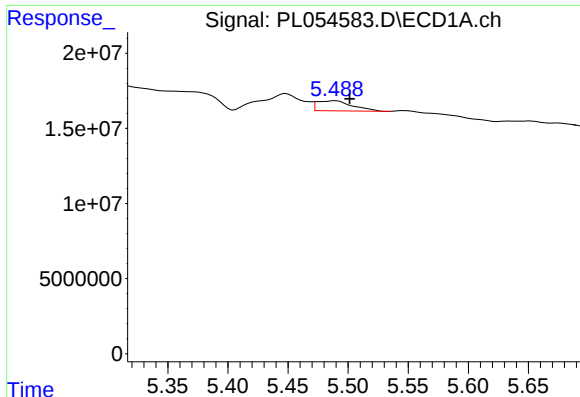
#9 Endosulfan I

R.T.: 0.000 min  
Exp R.T. : 5.615 min  
Response: 0  
Conc: N.D.



#9 Endosulfan I

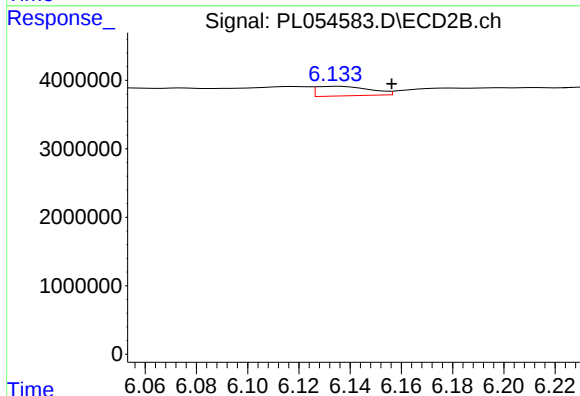
R.T.: 6.275 min  
Delta R.T.: -0.004 min  
Response: 3864175  
Conc: 1.65 ng/ml



#10 gamma-Chlordane

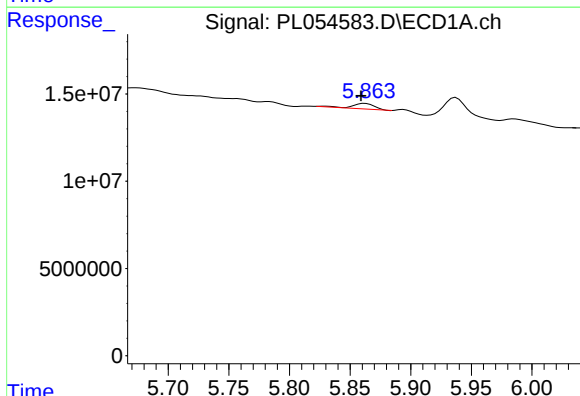
R.T.: 5.489 min  
Delta R.T.: -0.012 min  
Response: 13862437  
Conc: 1.08 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
SOIL-PILE



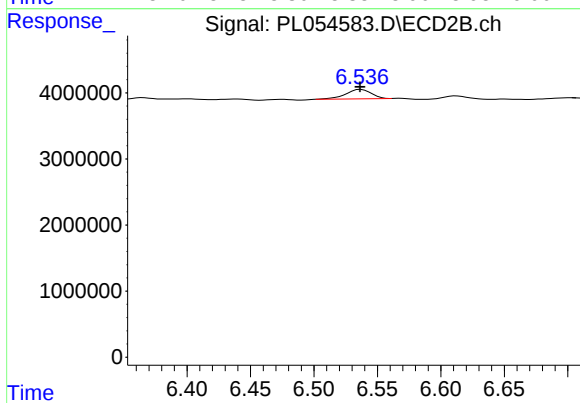
#10 gamma-Chlordane

R.T.: 6.136 min  
Delta R.T.: -0.021 min  
Response: 2021037  
Conc: 0.81 ng/ml



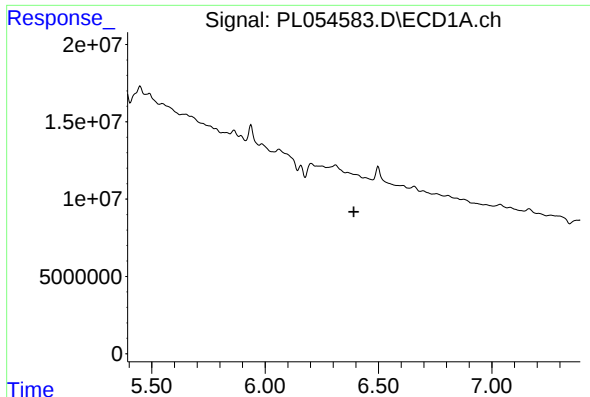
#13 Dieldrin

R.T.: 5.862 min  
Delta R.T.: 0.003 min  
Response: 4044929  
Conc: 0.33 ng/ml



#13 Dieldrin

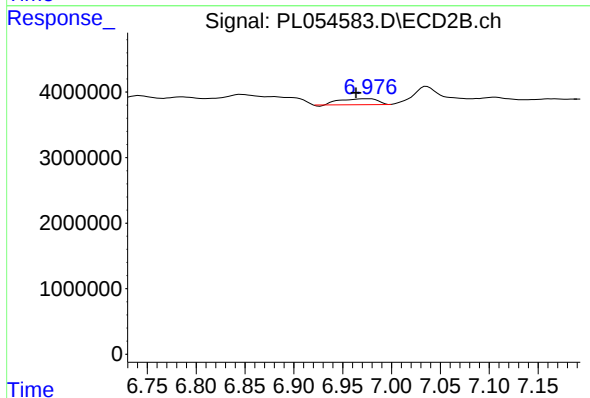
R.T.: 6.537 min  
Delta R.T.: 0.000 min  
Response: 2009912  
Conc: 0.83 ng/ml



#15 Endosulfan II

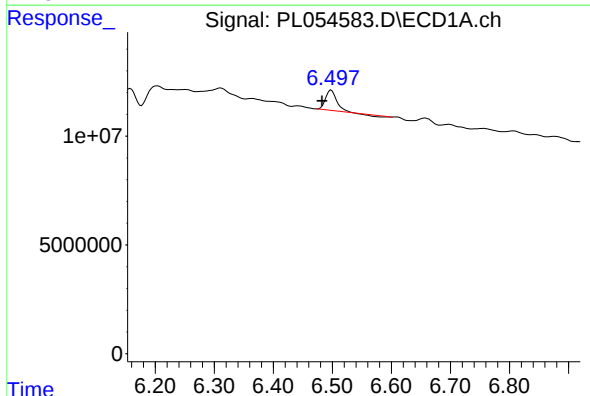
R.T.: 0.000 min  
Exp R.T.: 6.391 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :  
SOIL-PILE



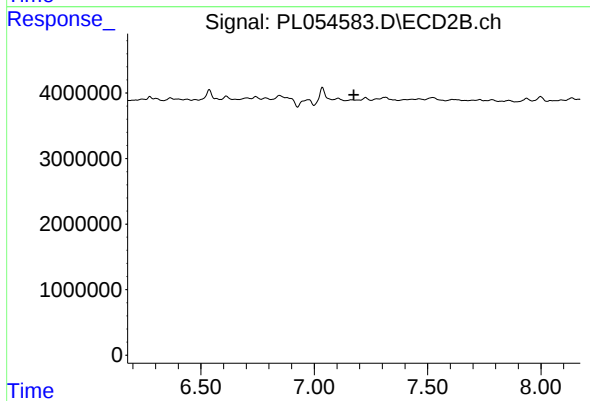
#15 Endosulfan II

R.T.: 6.976 min  
Delta R.T.: 0.013 min  
Response: 2414258  
Conc: 1.11 ng/ml



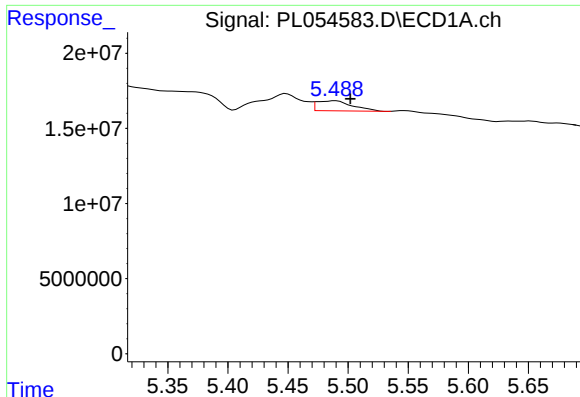
#17 4,4'-DDT

R.T.: 6.498 min  
Delta R.T.: 0.016 min  
Response: 11287117  
Conc: 1.24 ng/ml



#17 4,4'-DDT

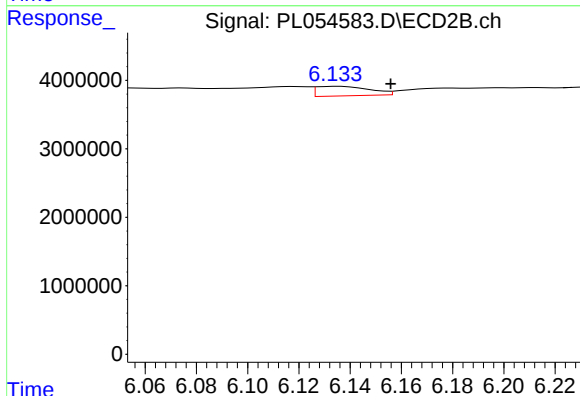
R.T.: 0.000 min  
Exp R.T.: 7.174 min  
Response: 0  
Conc: N.D.



#25 Chlordane-3

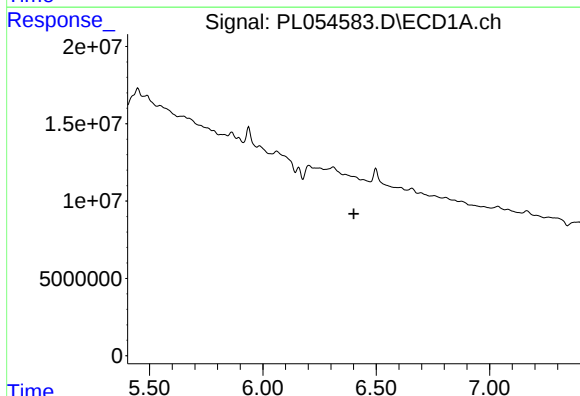
R.T.: 5.489 min  
Delta R.T.: -0.013 min  
Response: 13862437  
Conc: 11.26 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
SOIL-PILE



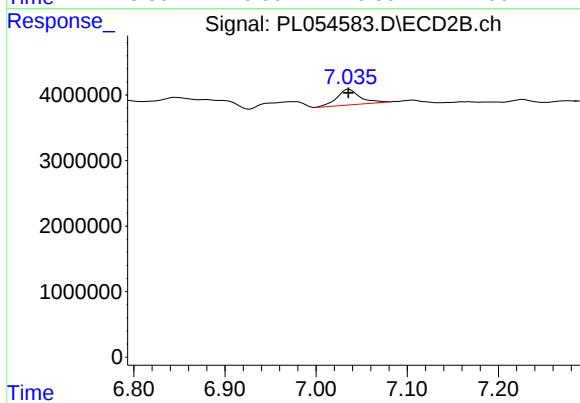
#25 Chlordane-3

R.T.: 6.136 min  
Delta R.T.: -0.020 min  
Response: 2021037  
Conc: 6.07 ng/ml



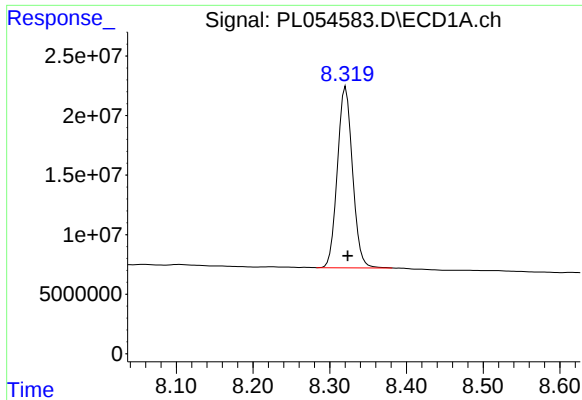
#27 Chlordane-5

R.T.: 0.000 min  
Exp R.T. : 6.401 min  
Response: 0  
Conc: N.D.



#27 Chlordane-5

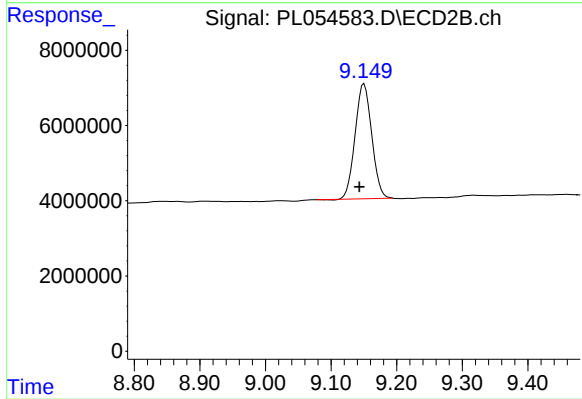
R.T.: 7.036 min  
Delta R.T.: 0.000 min  
Response: 4135233  
Conc: 56.98 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.321 min  
Delta R.T.: -0.003 min  
Response: 208474765  
Conc: 23.55 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
SOIL-PILE



#28 Decachlorobiphenyl

R.T.: 9.150 min  
Delta R.T.: 0.007 min  
Response: 53788385  
Conc: 22.25 ng/ml