

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL090525\  
 Data File : PL097054.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 04 Sep 2025 17:12  
 Operator : AR\AJ  
 Sample : Q2893-01  
 Misc : PEST LOD 1PPB  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 LOD-MDL-SOIL-01-QT3-2025

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Sep 05 08:05:51 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL082025.M  
 Quant Title : GC Extractables  
 QLast Update : Thu Aug 21 06:34:01 2025  
 Response via : Initial Calibration  
 Integrator: ChemStation

Volume Inj. : 1 µl  
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2  
 Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x0.25µm

|                             | Compound        | RT#1   | RT#2  | Resp#1   | Resp#2   | ng/ml  | ng/ml    |
|-----------------------------|-----------------|--------|-------|----------|----------|--------|----------|
| -----                       |                 |        |       |          |          |        |          |
| System Monitoring Compounds |                 |        |       |          |          |        |          |
| 1)                          | SA Tetrachlo... | 3.529  | 2.824 | 71980535 | 106.0E6  | 18.251 | 18.813   |
| 28)                         | SA Decachlor... | 9.004  | 7.986 | 59609736 | 106.2E6  | 20.134 | 22.146   |
| Target Compounds            |                 |        |       |          |          |        |          |
| 2)                          | A alpha-BHC     | 3.976  | 3.329 | 5508829  | 8393888  | 0.951  | 1.022    |
| 3)                          | MA gamma-BHC... | 4.304  | 3.661 | 5666302  | 7834949  | 1.037  | 1.064    |
| 4)                          | MA Heptachlor   | 4.895  | 4.009 | 6140928  | 8456351  | 1.152  | 1.124    |
| 5)                          | MB Aldrin       | 5.234  | 4.292 | 5732622  | 7840453  | 1.091  | 1.115    |
| 7)                          | B delta-BHC     | 4.737  | 4.190 | 7151329  | 7454564  | 1.589  | 1.014 #  |
| 8)                          | B Heptachlo...  | 5.652  | 4.794 | 12642161 | 7569853  | 2.457  | 1.197 #  |
| 9)                          | A Endosulfan I  | 6.036  | 5.165 | 5061680  | 7227419  | 1.178  | 1.206    |
| 10)                         | B gamma-Chl...  | 5.907  | 5.045 | 5055463  | 6601566  | 1.098  | 0.999    |
| 11)                         | B alpha-Chl...  | 5.988  | 5.110 | 5738138  | 7491416  | 1.219  | 1.147    |
| 12)                         | B 4,4'-DDE      | 0.000  | 5.298 | 0        | 6840191  | N.D.   | 1.111 #  |
| 13)                         | MA Dieldrin     | 6.308  | 5.429 | 5060433  | 6850593  | 1.114  | 1.045    |
| 14)                         | MA Endrin       | 0.000  | 5.708 | 0        | 10952069 | N.D.   | 1.854 #  |
| 15)                         | B Endosulfa...  | 6.745  | 5.995 | 8166986  | 6776511  | 1.854  | 1.185 #  |
| 16)                         | A 4,4'-DDD      | 0.000  | 5.851 | 0        | 5698818  | N.D.   | 1.091 #  |
| 17)                         | MA 4,4'-DDT     | 0.000  | 6.103 | 0        | 5133314  | N.D.   | 0.937 #  |
| 19)                         | B Endosulfa...  | 0.000  | 6.397 | 0        | 6758103  | N.D.   | 1.206 #  |
| 21)                         | B Endrin ke...  | 0.000  | 6.900 | 0        | 19635380 | N.D.   | 3.137 #  |
| 22)                         | Mirex           | 0.000  | 7.091 | 0        | 6337876  | N.D.   | 1.305 #  |
| 24)                         | Chlordane-2     | 5.234f | 0.000 | 5732622  | 0        | 31.468 | N.D. #   |
| 25)                         | Chlordane-3     | 5.907  | 5.045 | 5055463  | 6601566  | 8.039  | 10.473 # |
| 26)                         | Chlordane-4     | 5.988  | 5.110 | 5738138  | 7491416  | 7.055  | 13.433 # |
| 27)                         | Chlordane-5     | 0.000  | 5.995 | 0        | 6776511  | N.D.   | 30.075 # |
| -----                       |                 |        |       |          |          |        |          |

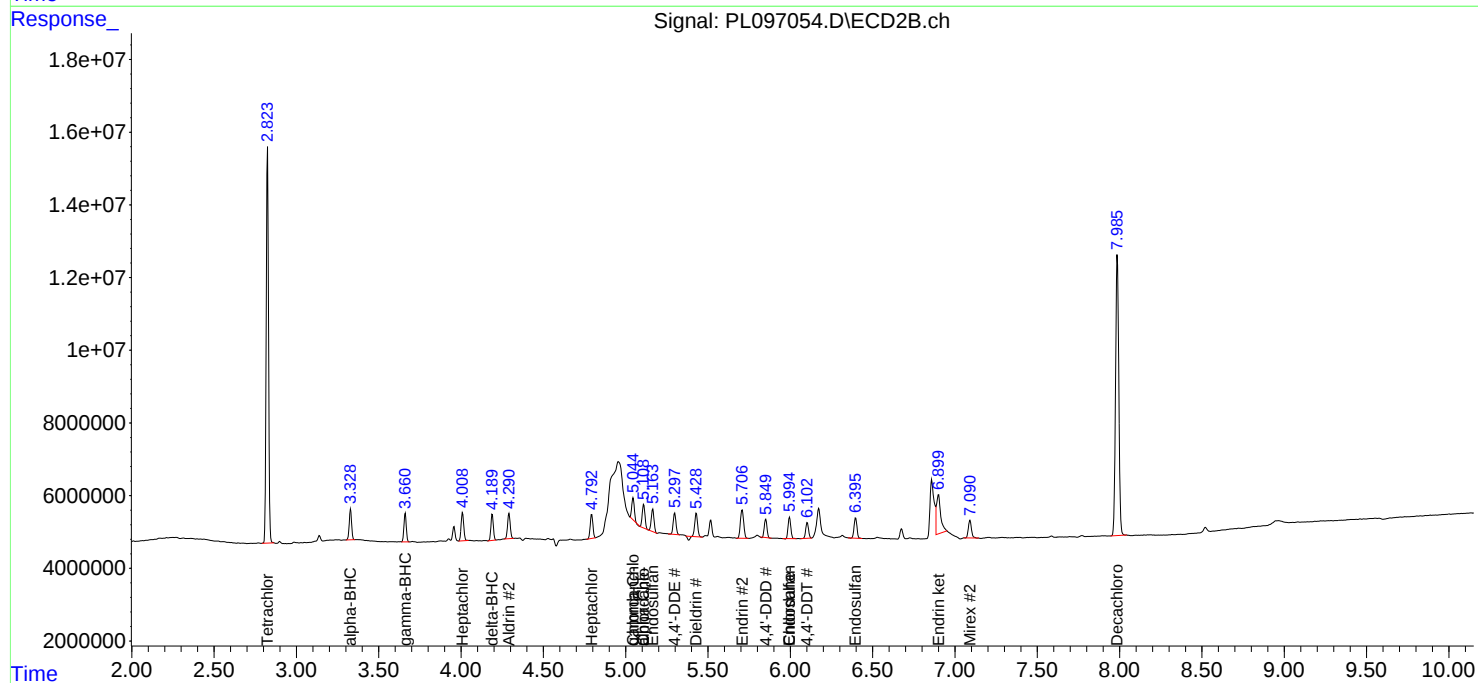
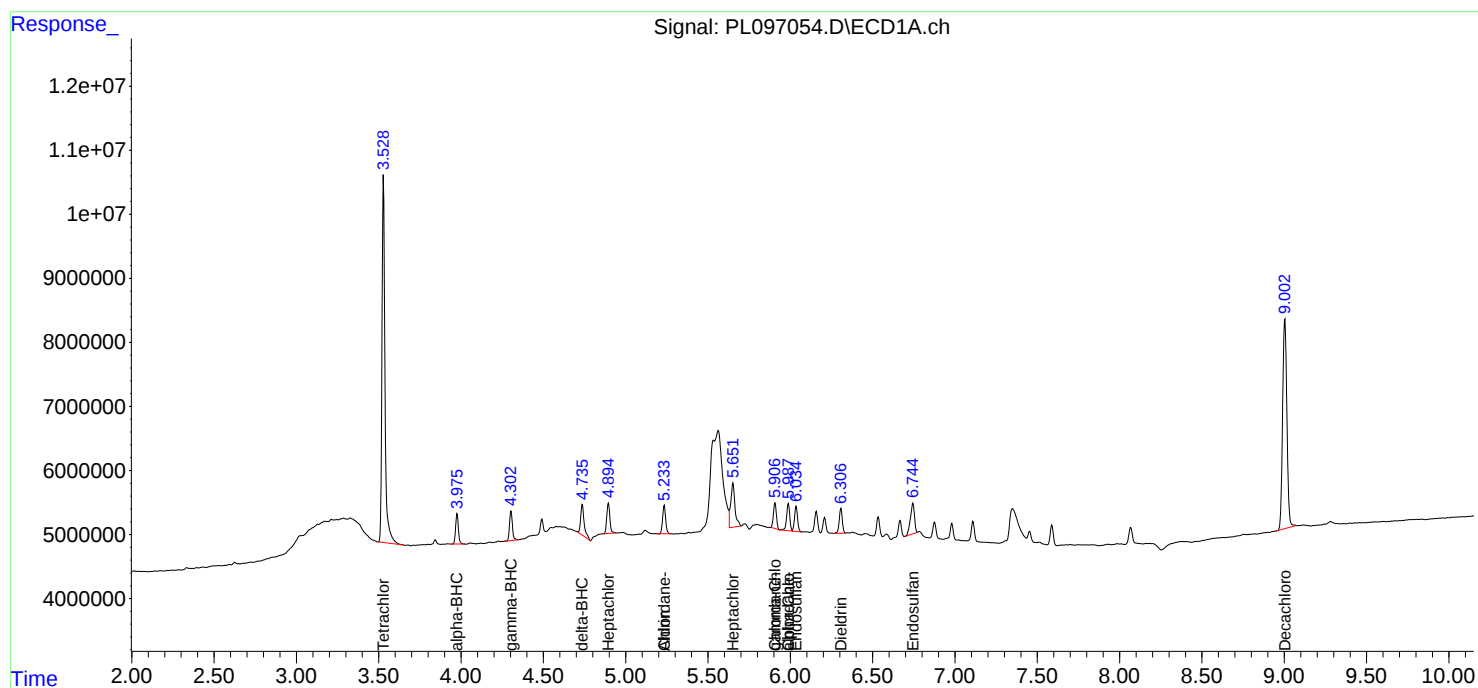
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

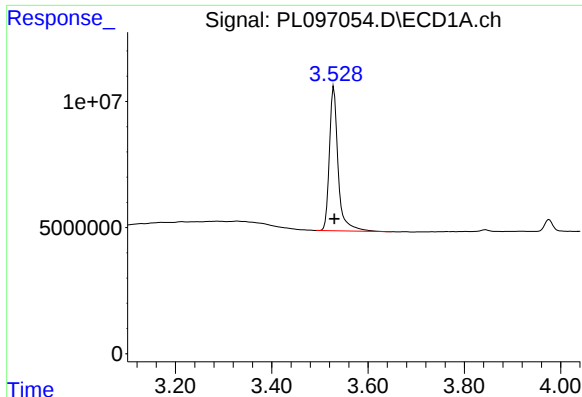
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL090525\  
Data File : PL097054.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 04 Sep 2025 17:12  
Operator : AR\AJ  
Sample : Q2893-01  
Misc : PEST LOD 1PPB  
ALS Vial : 7 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :  
LOD-MDL-SOIL-01-QT3-2025

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Sep 05 08:05:51 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL082025.M  
Quant Title : GC Extractables  
QLast Update : Thu Aug 21 06:34:01 2025  
Response via : Initial Calibration  
Integrator: ChemStation

Volume Inj. : 1 µl  
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2  
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x0.25µm

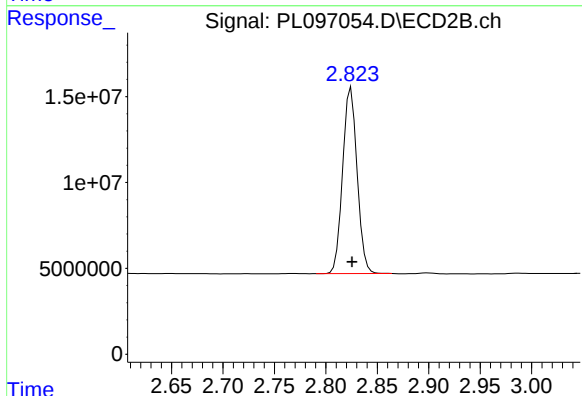




#1 Tetrachloro-m-xylene

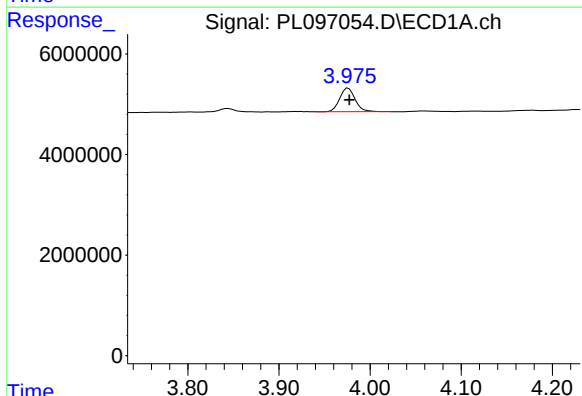
R.T.: 3.529 min  
Delta R.T.: -0.001 min  
Response: 71980535  
Conc: 18.25 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
LOD-MDL-SOIL-01-QT3-2025



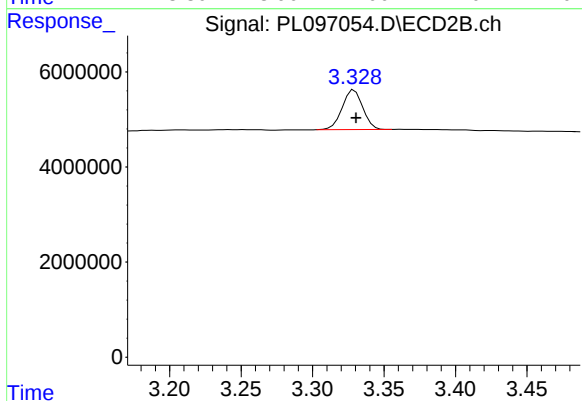
#1 Tetrachloro-m-xylene

R.T.: 2.824 min  
Delta R.T.: 0.000 min  
Response: 106043898  
Conc: 18.81 ng/ml



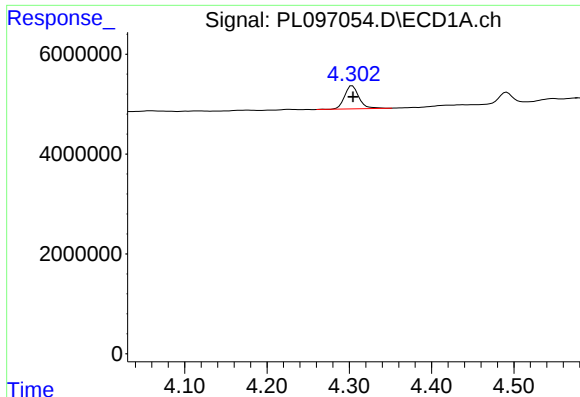
#2 alpha-BHC

R.T.: 3.976 min  
Delta R.T.: 0.000 min  
Response: 5508829  
Conc: 0.95 ng/ml



#2 alpha-BHC

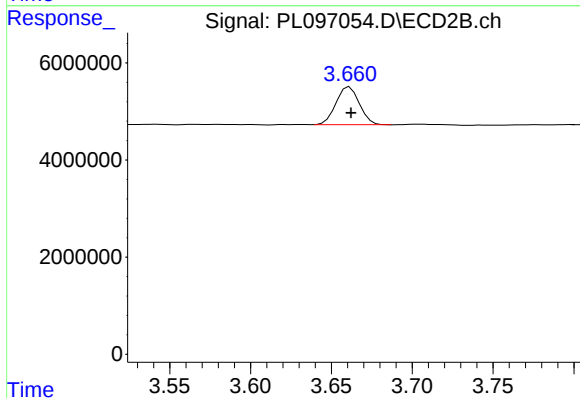
R.T.: 3.329 min  
Delta R.T.: -0.001 min  
Response: 8393888  
Conc: 1.02 ng/ml



#3 gamma-BHC (Lindane)

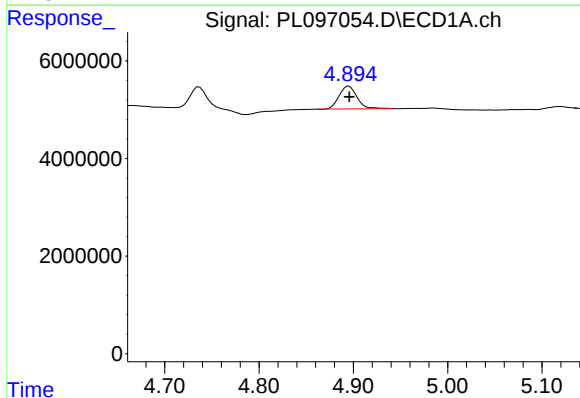
R.T.: 4.304 min  
Delta R.T.: 0.000 min  
Response: 5666302  
Conc: 1.04 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
LOD-MDL-SOIL-01-QT3-2025



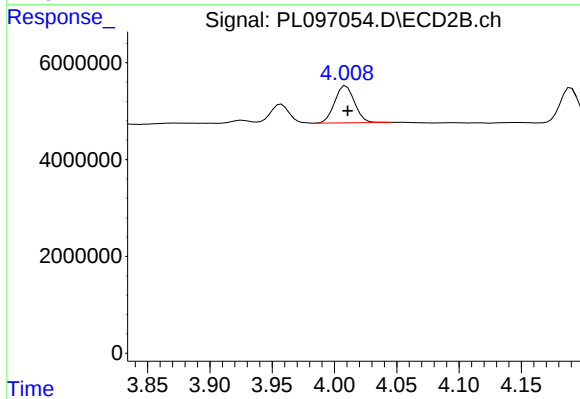
#3 gamma-BHC (Lindane)

R.T.: 3.661 min  
Delta R.T.: 0.000 min  
Response: 7834949  
Conc: 1.06 ng/ml



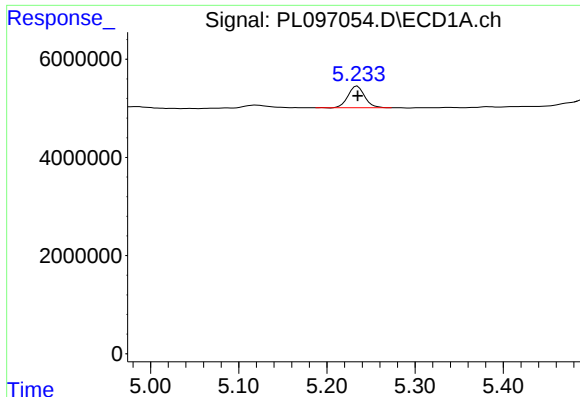
#4 Heptachlor

R.T.: 4.895 min  
Delta R.T.: 0.000 min  
Response: 6140928  
Conc: 1.15 ng/ml



#4 Heptachlor

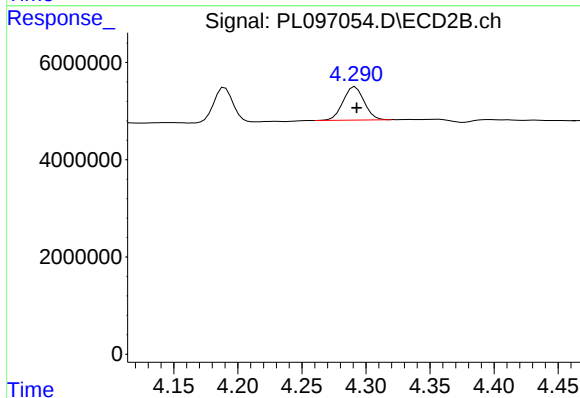
R.T.: 4.009 min  
Delta R.T.: -0.001 min  
Response: 8456351  
Conc: 1.12 ng/ml



#5 Aldrin

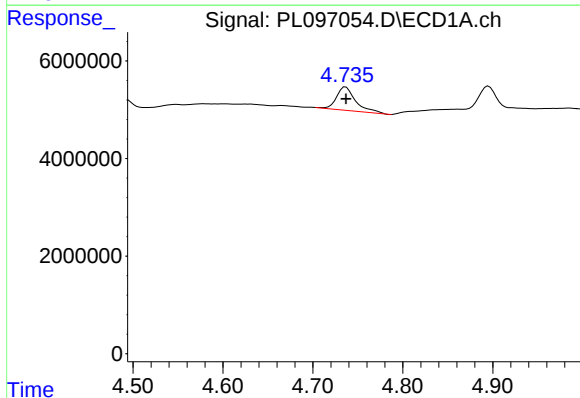
R.T.: 5.234 min  
Delta R.T.: 0.000 min  
Response: 5732622  
Conc: 1.09 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
LOD-MDL-SOIL-01-QT3-2025



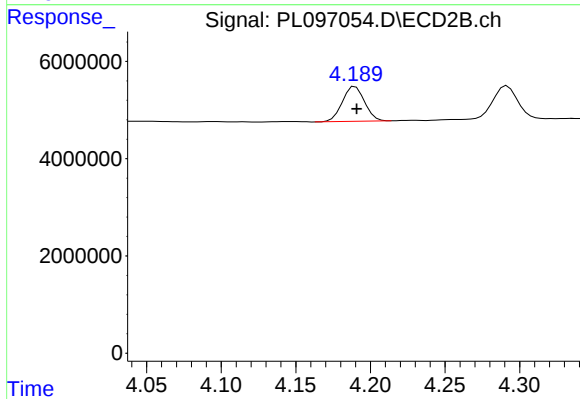
#5 Aldrin

R.T.: 4.292 min  
Delta R.T.: -0.001 min  
Response: 7840453  
Conc: 1.11 ng/ml



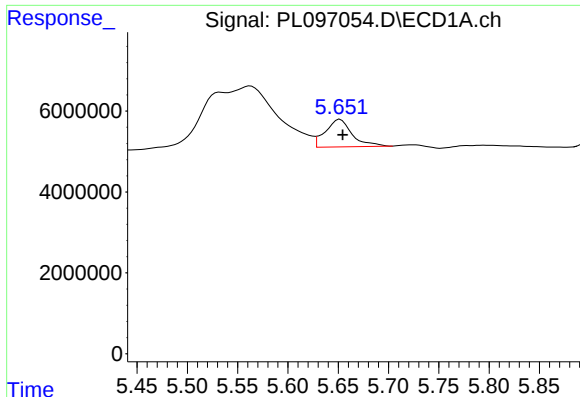
#7 delta-BHC

R.T.: 4.737 min  
Delta R.T.: 0.000 min  
Response: 7151329  
Conc: 1.59 ng/ml



#7 delta-BHC

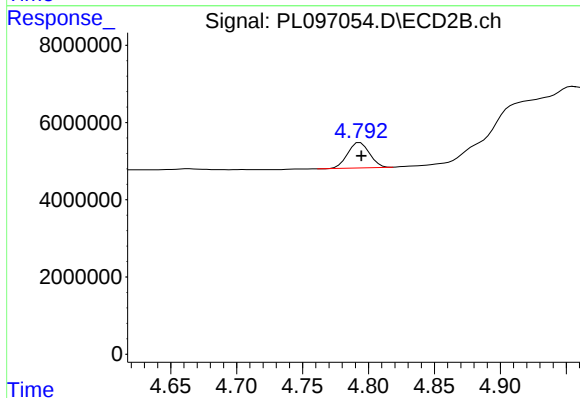
R.T.: 4.190 min  
Delta R.T.: 0.000 min  
Response: 7454564  
Conc: 1.01 ng/ml



#8 Heptachlor epoxide

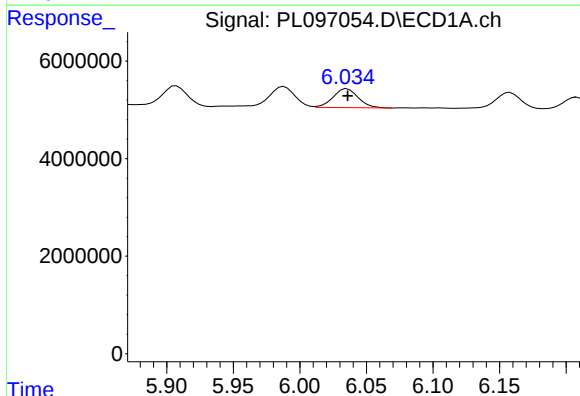
R.T.: 5.652 min  
Delta R.T.: -0.003 min  
Response: 12642161  
Conc: 2.46 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
LOD-MDL-SOIL-01-QT3-2025



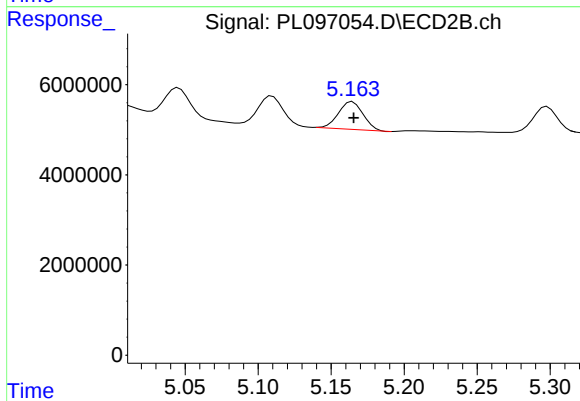
#8 Heptachlor epoxide

R.T.: 4.794 min  
Delta R.T.: -0.001 min  
Response: 7569853  
Conc: 1.20 ng/ml



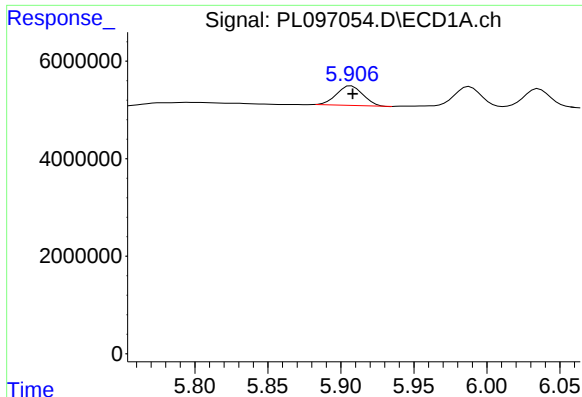
#9 Endosulfan I

R.T.: 6.036 min  
Delta R.T.: 0.000 min  
Response: 5061680  
Conc: 1.18 ng/ml



#9 Endosulfan I

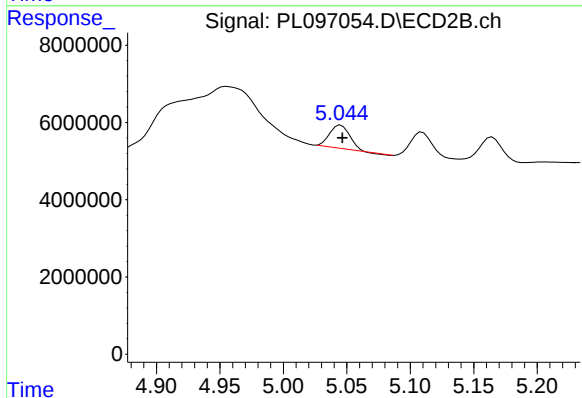
R.T.: 5.165 min  
Delta R.T.: 0.000 min  
Response: 7227419  
Conc: 1.21 ng/ml



#10 gamma-Chlordane

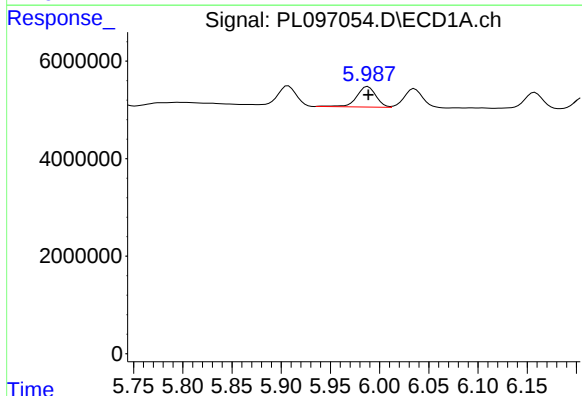
R.T.: 5.907 min  
Delta R.T.: 0.000 min  
Response: 5055463  
Conc: 1.10 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
LOD-MDL-SOIL-01-QT3-2025



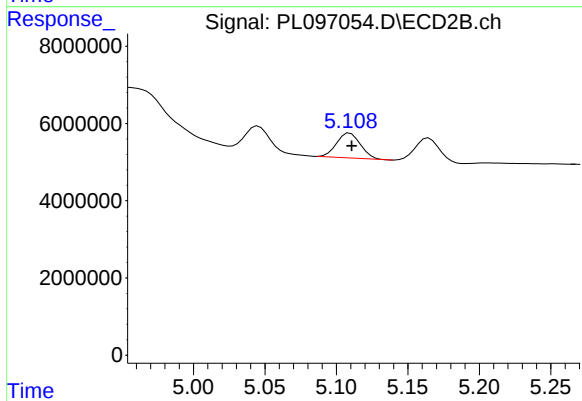
#10 gamma-Chlordane

R.T.: 5.045 min  
Delta R.T.: -0.001 min  
Response: 6601566  
Conc: 1.00 ng/ml



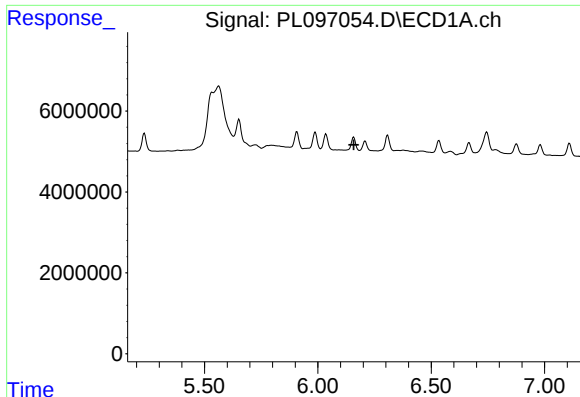
#11 alpha-Chlordane

R.T.: 5.988 min  
Delta R.T.: 0.000 min  
Response: 5738138  
Conc: 1.22 ng/ml



#11 alpha-Chlordane

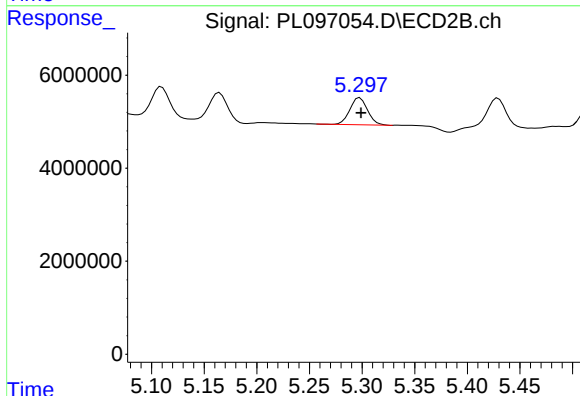
R.T.: 5.110 min  
Delta R.T.: -0.001 min  
Response: 7491416  
Conc: 1.15 ng/ml



#12 4,4'-DDE

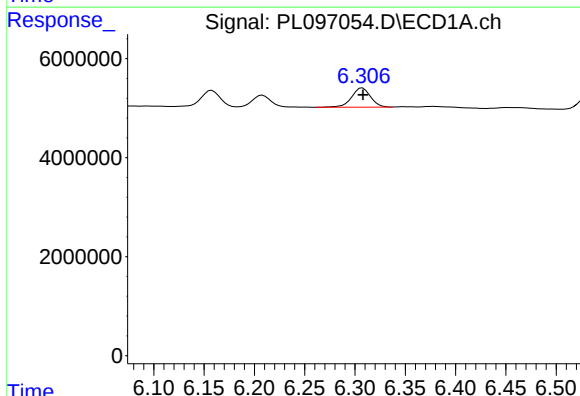
R.T.: 0.000 min  
Exp R.T.: 6.159 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :  
LOD-MDL-SOIL-01-QT3-2025



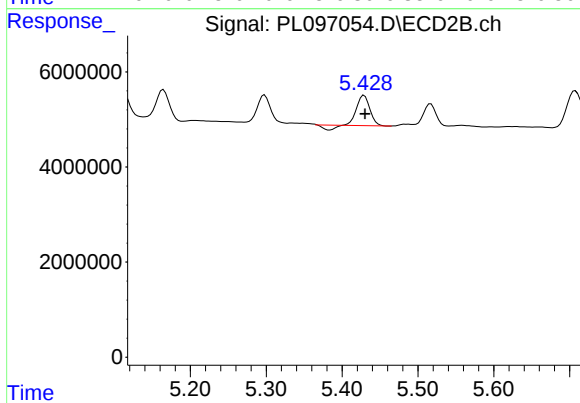
#12 4,4'-DDE

R.T.: 5.298 min  
Delta R.T.: -0.001 min  
Response: 6840191  
Conc: 1.11 ng/ml



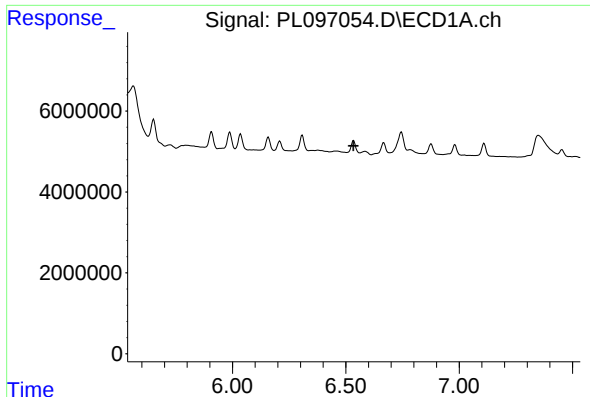
#13 Dieldrin

R.T.: 6.308 min  
Delta R.T.: 0.000 min  
Response: 5060433  
Conc: 1.11 ng/ml



#13 Dieldrin

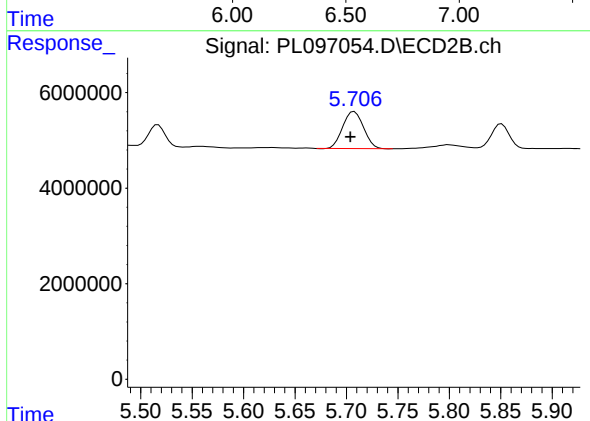
R.T.: 5.429 min  
Delta R.T.: -0.001 min  
Response: 6850593  
Conc: 1.05 ng/ml



#14 Endrin

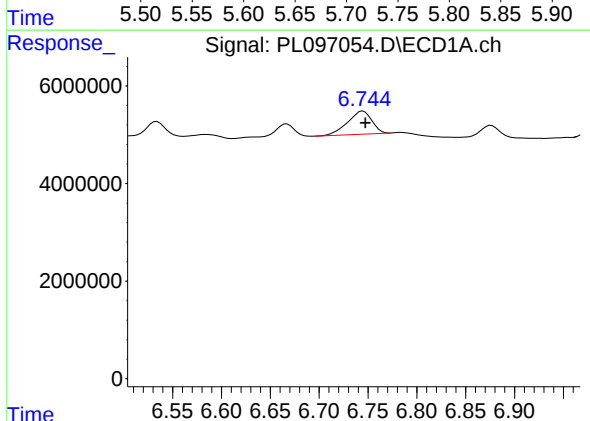
R.T.: 0.000 min  
Exp R.T.: 6.534 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :  
LOD-MDL-SOIL-01-QT3-2025



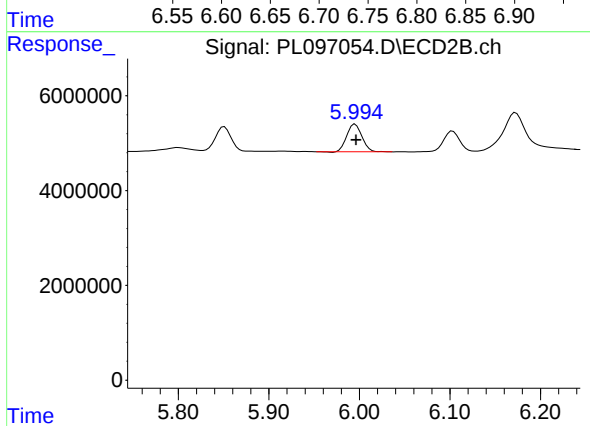
#14 Endrin

R.T.: 5.708 min  
Delta R.T.: 0.003 min  
Response: 10952069  
Conc: 1.85 ng/ml



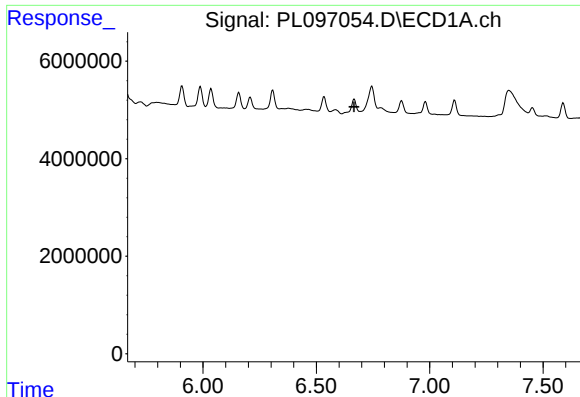
#15 Endosulfan II

R.T.: 6.745 min  
Delta R.T.: -0.003 min  
Response: 8166986  
Conc: 1.85 ng/ml



#15 Endosulfan II

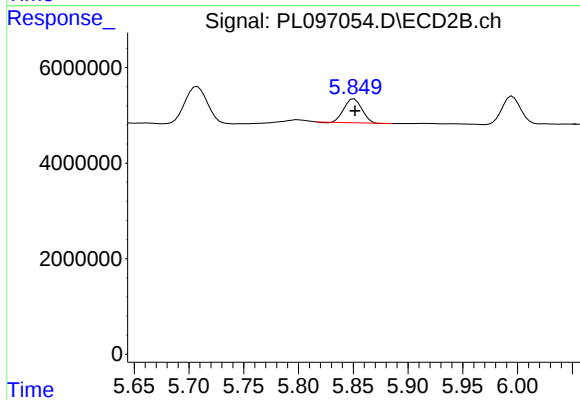
R.T.: 5.995 min  
Delta R.T.: -0.001 min  
Response: 6776511  
Conc: 1.18 ng/ml



#16 4,4'-DDD

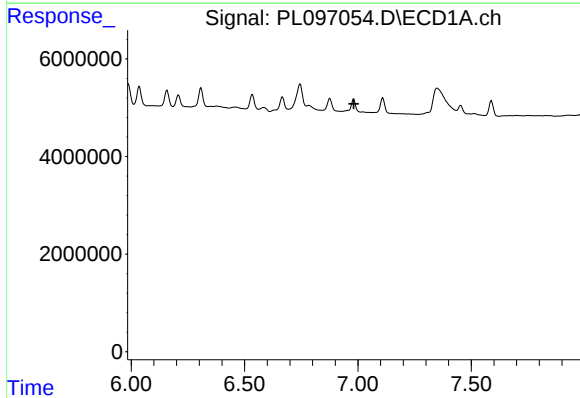
R.T.: 0.000 min  
Exp R.T.: 6.667 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :  
LOD-MDL-SOIL-01-QT3-2025



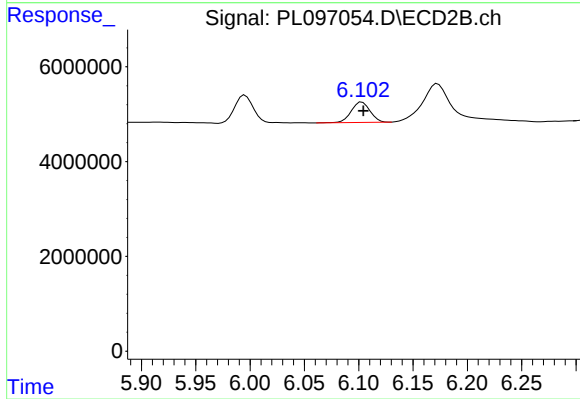
#16 4,4'-DDD

R.T.: 5.851 min  
Delta R.T.: 0.000 min  
Response: 5698818  
Conc: 1.09 ng/ml



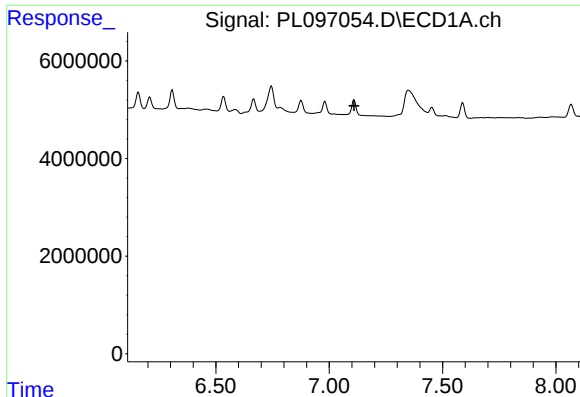
#17 4,4'-DDT

R.T.: 0.000 min  
Exp R.T.: 6.981 min  
Response: 0  
Conc: N.D.



#17 4,4'-DDT

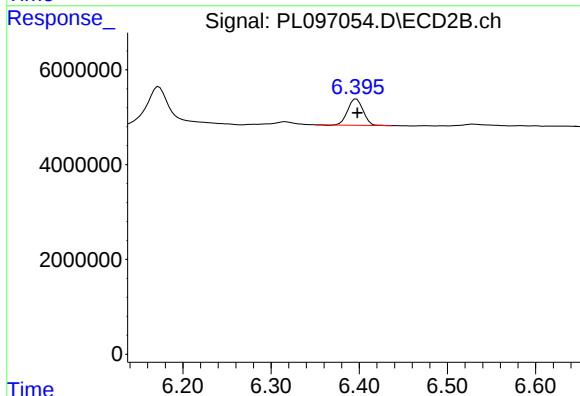
R.T.: 6.103 min  
Delta R.T.: -0.001 min  
Response: 5133314  
Conc: 0.94 ng/ml



#19 Endosulfan Sulfate

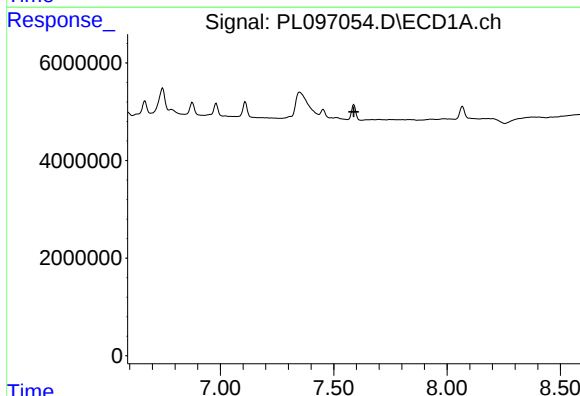
R.T.: 0.000 min  
Exp R.T.: 7.110 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :  
LOD-MDL-SOIL-01-QT3-2025



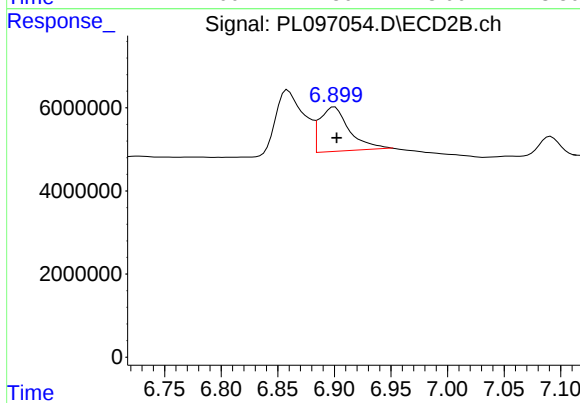
#19 Endosulfan Sulfate

R.T.: 6.397 min  
Delta R.T.: -0.001 min  
Response: 6758103  
Conc: 1.21 ng/ml



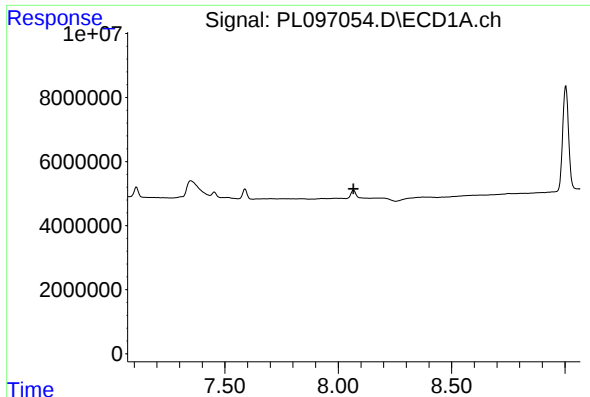
#21 Endrin ketone

R.T.: 0.000 min  
Exp R.T.: 7.589 min  
Response: 0  
Conc: N.D.



#21 Endrin ketone

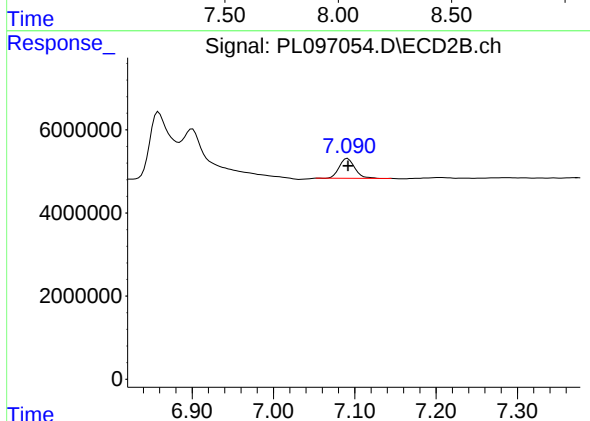
R.T.: 6.900 min  
Delta R.T.: -0.002 min  
Response: 19635380  
Conc: 3.14 ng/ml



#22 Mirex

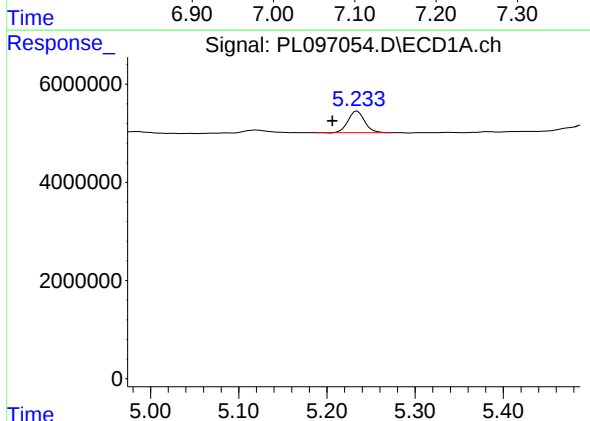
R.T.: 0.000 min  
Exp R.T.: 8.068 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :  
LOD-MDL-SOIL-01-QT3-2025



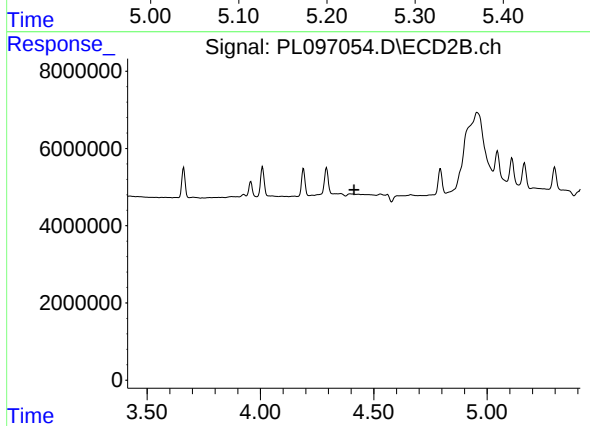
#22 Mirex

R.T.: 7.091 min  
Delta R.T.: 0.000 min  
Response: 6337876  
Conc: 1.31 ng/ml



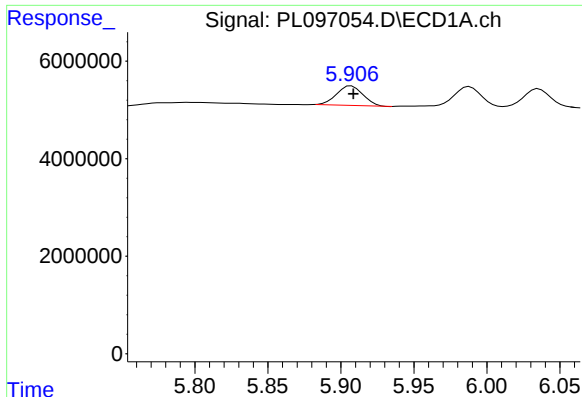
#24 Chlordane-2

R.T.: 5.234 min  
Delta R.T.: 0.028 min  
Response: 5732622  
Conc: 31.47 ng/ml



#24 Chlordane-2

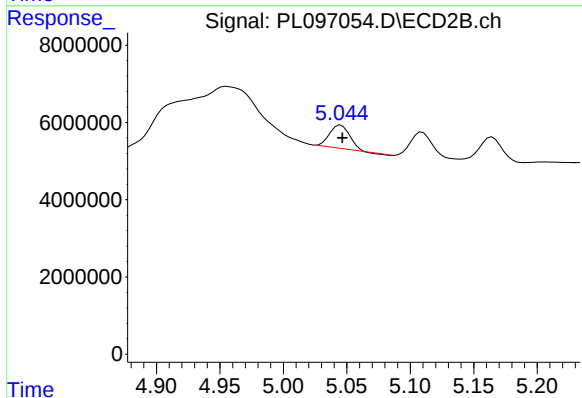
R.T.: 0.000 min  
Exp R.T.: 4.413 min  
Response: 0  
Conc: N.D.



#25 Chlordane-3

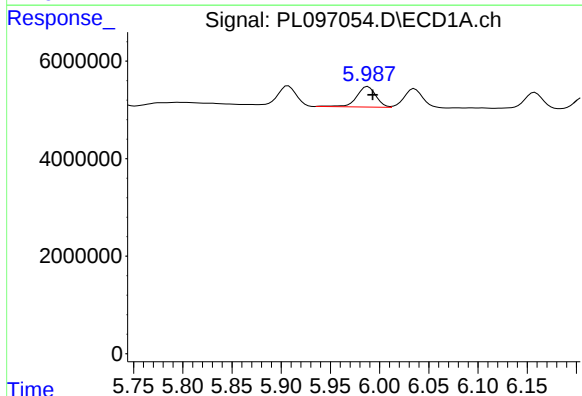
R.T.: 5.907 min  
Delta R.T.: -0.001 min  
Response: 5055463  
Conc: 8.04 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
LOD-MDL-SOIL-01-QT3-2025



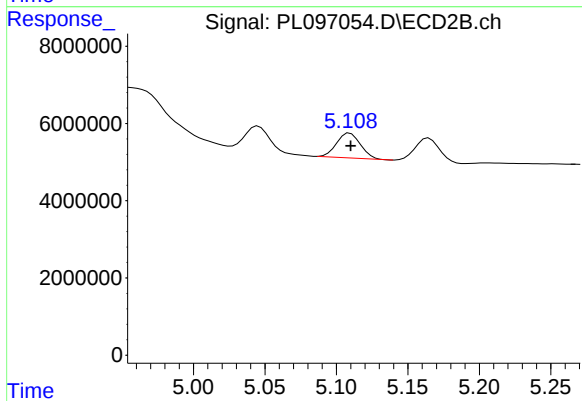
#25 Chlordane-3

R.T.: 5.045 min  
Delta R.T.: -0.001 min  
Response: 6601566  
Conc: 10.47 ng/ml



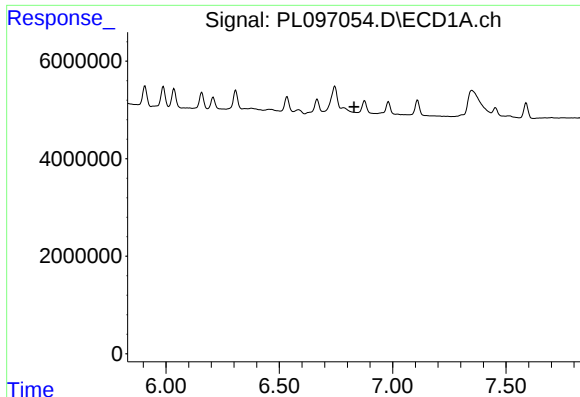
#26 Chlordane-4

R.T.: 5.988 min  
Delta R.T.: -0.005 min  
Response: 5738138  
Conc: 7.06 ng/ml



#26 Chlordane-4

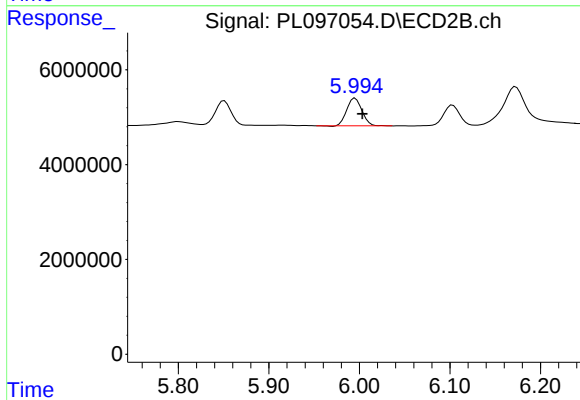
R.T.: 5.110 min  
Delta R.T.: 0.000 min  
Response: 7491416  
Conc: 13.43 ng/ml



#27 Chlordane-5

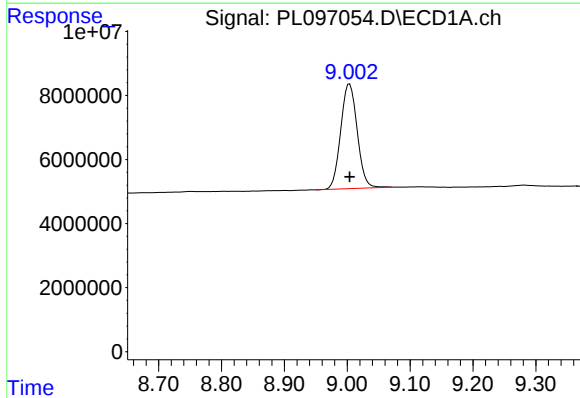
R.T.: 0.000 min  
Exp R.T.: 6.830 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :  
LOD-MDL-SOIL-01-QT3-2025



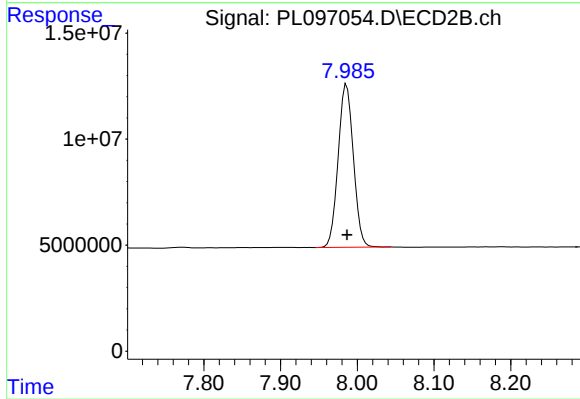
#27 Chlordane-5

R.T.: 5.995 min  
Delta R.T.: -0.008 min  
Response: 6776511  
Conc: 30.07 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.004 min  
Delta R.T.: 0.000 min  
Response: 59609736  
Conc: 20.13 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.986 min  
Delta R.T.: 0.000 min  
Response: 106209354  
Conc: 22.15 ng/ml