

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL071524\  
 Data File : PL090535.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 15 Jul 2024 15:09  
 Operator : AR\AJ  
 Sample : P3228-01 10X  
 Misc :  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 PAT-DIS-01-07112024

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Jul 16 01:14:24 2024  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL071524.M  
 Quant Title : GC Extractables  
 QLast Update : Mon Jul 15 14:16:48 2024  
 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... | 3.546  | 2.788  | 5052178  | 3788170  | 2.426  | 2.251    |
| 28)                         | SA Decachlor... | 9.057  | 7.932  | 2870892  | 2649559  | 2.160  | 1.817    |
| Target Compounds            |                 |        |        |          |          |        |          |
| 3)                          | MA gamma-BHC... | 4.343  | 3.629  | -155724  | 1307292  | N.D.   | 0.567    |
| 4)                          | MA Heptachlor   | 4.922  | 3.962  | 1510220  | 369026   | 0.593  | 0.167 #  |
| 5)                          | MB Aldrin       | 5.241f | 4.252  | 2798206  | 76364    | 1.120  | 0.036 #  |
| 6)                          | B beta-BHC      | 0.000  | 3.927  | 0        | 313657   | N.D.   | 0.304 #  |
| 7)                          | B delta-BHC     | 4.770  | 4.146  | 4311175  | 151087   | 1.608  | 0.069 #  |
| 8)                          | B Heptachlo...  | 5.678  | 4.742  | 5532390  | 259688   | 2.354  | 0.133 #  |
| 9)                          | A Endosulfan I  | 6.082  | 5.145f | 759562   | 849936   | 0.355  | 0.465 #  |
| 10)                         | B gamma-Chl...  | 5.945  | 4.996  | 13091802 | 7929876  | 5.631  | 3.911 #  |
| 11)                         | B alpha-Chl...  | 6.026  | 5.060  | 11648645 | 6825165  | 5.074  | 3.378 #  |
| 12)                         | B 4,4'-DDE      | 6.196  | 5.248  | 11029408 | 9486876  | 5.455  | 5.308    |
| 14)                         | MA Endrin       | 0.000  | 5.665  | 0        | 13941119 | N.D.   | 8.100 #  |
| 15)                         | B Endosulfa...  | 6.805  | 5.954  | 115451   | 475876   | 0.059  | 0.279 #  |
| 16)                         | A 4,4'-DDD      | 6.713  | 5.803  | 6234611  | 3529694  | 3.693  | 2.356 #  |
| 17)                         | MA 4,4'-DDT     | 7.027  | 6.054  | 61796854 | 62928324 | 36.712 | 42.950   |
| 18)                         | B Endrin al...  | 6.917  | 0.000  | 161594   | 0        | 0.109  | N.D. #   |
| 19)                         | B Endosulfa...  | 7.155  | 6.352  | 2379921  | 499283   | 1.355  | 0.310 #  |
| 20)                         | A Methoxychlor  | 7.486f | 6.610f | 304740   | 354239   | 0.345  | 0.438 #  |
| 22)                         | Mirex           | 8.098f | 7.060f | 32765    | 207419   | 0.023  | 0.140 #  |
| 23)                         | Chlordane-1     | 4.707  | 3.788  | 3210257  | 895265   | 36.251 | 14.459 # |
| 24)                         | Chlordane-2     | 5.241  | 4.366  | 2798206  | 747394   | 27.339 | 9.855 #  |
| 25)                         | Chlordane-3     | 5.945  | 4.996  | 13091802 | 7929876  | 39.546 | 38.368   |
| 26)                         | Chlordane-4     | 6.026  | 5.060  | 11648645 | 6825165  | 29.245 | 34.876   |
| 27)                         | Chlordane-5     | 6.863f | 5.729  | 539041   | 1483768  | 7.790  | 24.616 # |
| -----                       |                 |        |        |          |          |        |          |

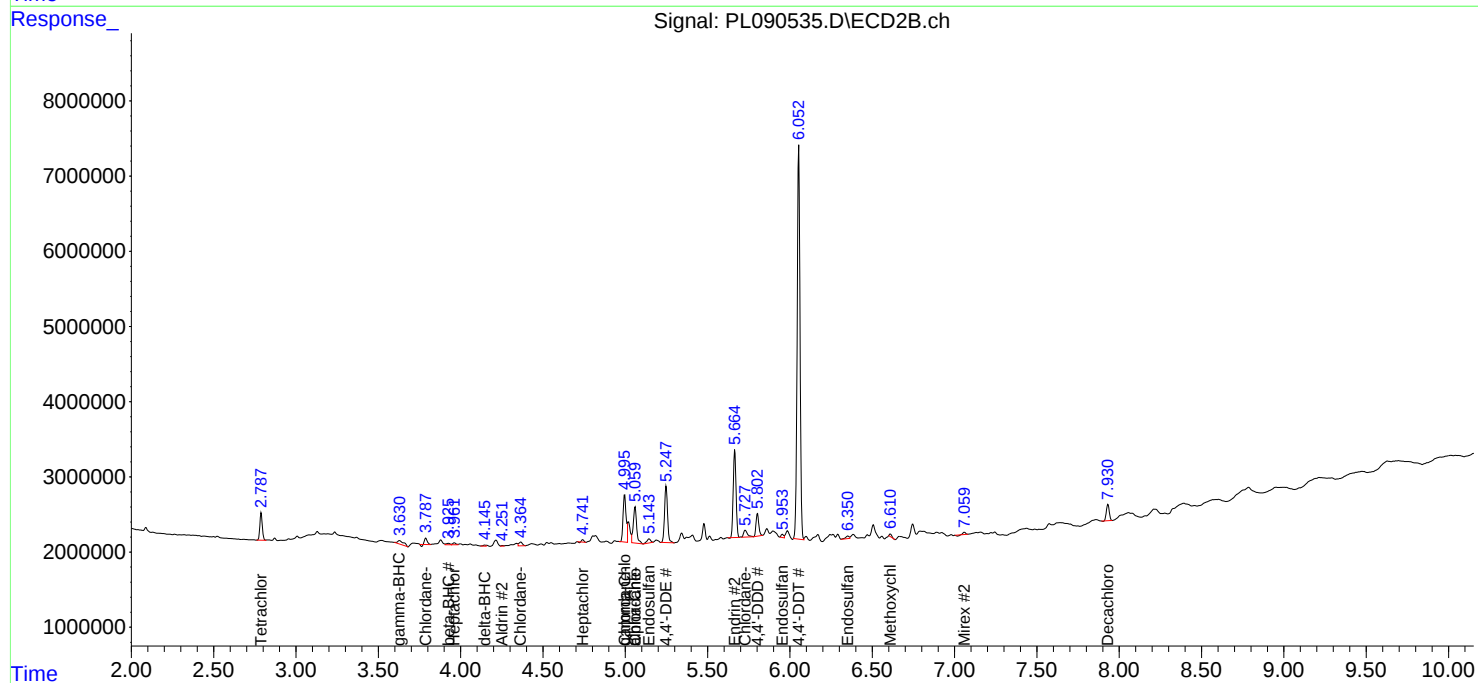
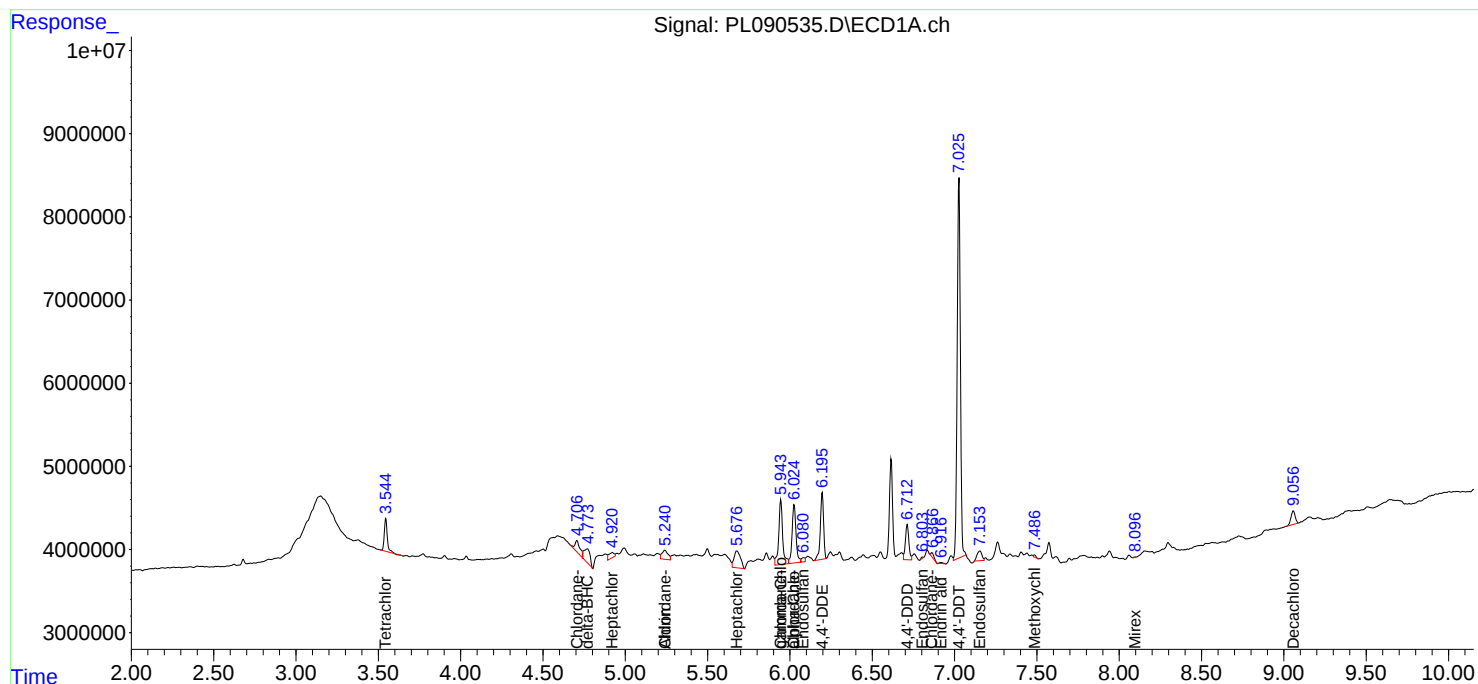
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

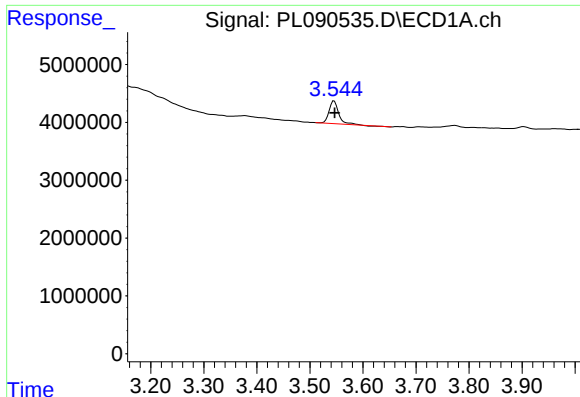
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL071524\  
Data File : PL090535.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 15 Jul 2024 15:09  
Operator : AR\AJ  
Sample : P3228-01 10X  
Misc :  
ALS Vial : 8 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :  
PAT-DIS-01-07112024

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Jul 16 01:14:24 2024  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL071524.M  
Quant Title : GC Extractables  
QLast Update : Mon Jul 15 14:16:48 2024  
Response via : Initial Calibration  
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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

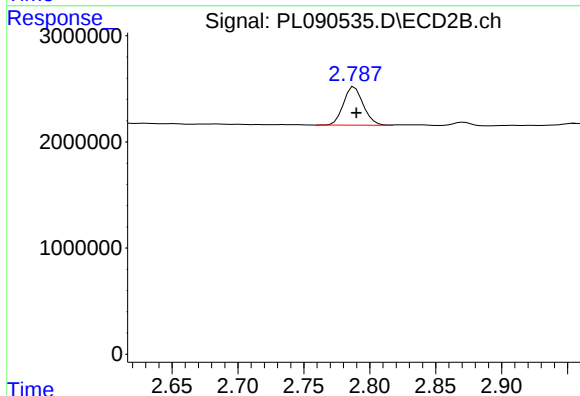




#1 Tetrachloro-m-xylene

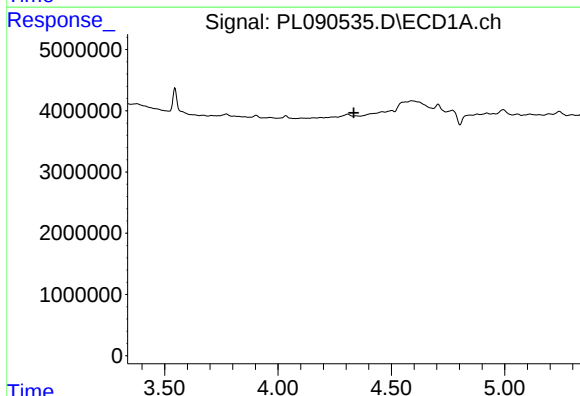
R.T.: 3.546 min  
Delta R.T.: -0.001 min  
Response: 5052178  
Conc: 2.43 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PAT-DIS-01-07112024



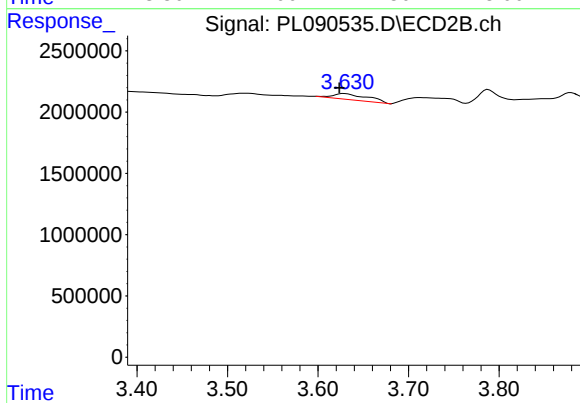
#1 Tetrachloro-m-xylene

R.T.: 2.788 min  
Delta R.T.: -0.001 min  
Response: 3788170  
Conc: 2.25 ng/ml



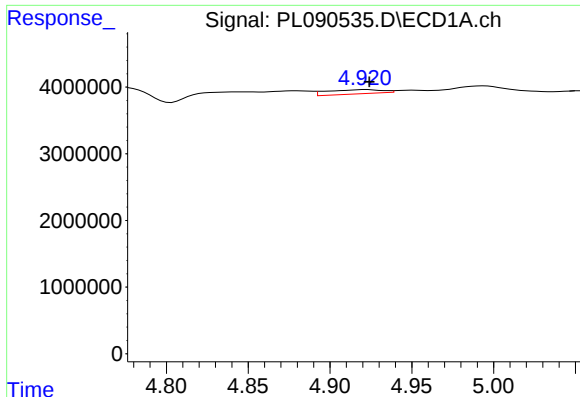
#3 gamma-BHC (Lindane)

R.T.: 4.343 min  
Delta R.T.: 0.008 min  
Response: -155724  
Conc: N.D.



#3 gamma-BHC (Lindane)

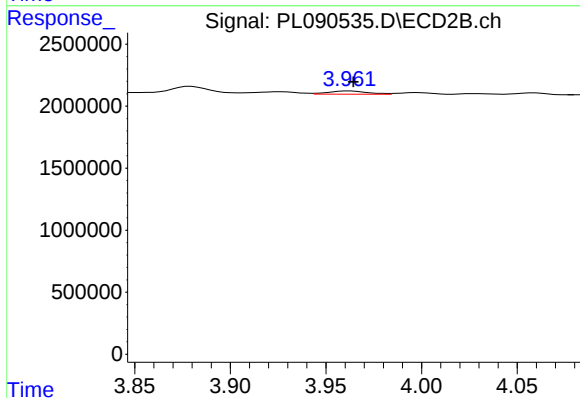
R.T.: 3.629 min  
Delta R.T.: 0.005 min  
Response: 1307292  
Conc: 0.57 ng/ml



#4 Heptachlor

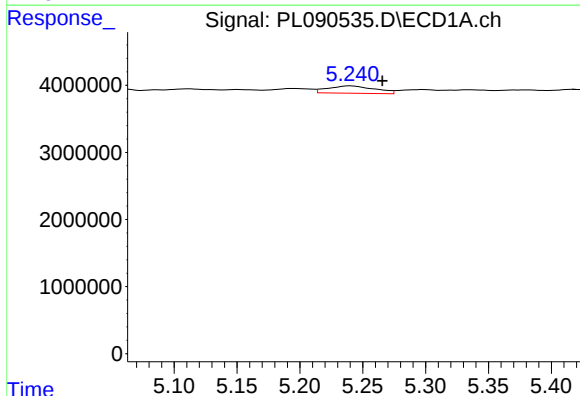
R.T.: 4.922 min  
Delta R.T.: -0.002 min  
Response: 1510220  
Conc: 0.59 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PAT-DIS-01-07112024



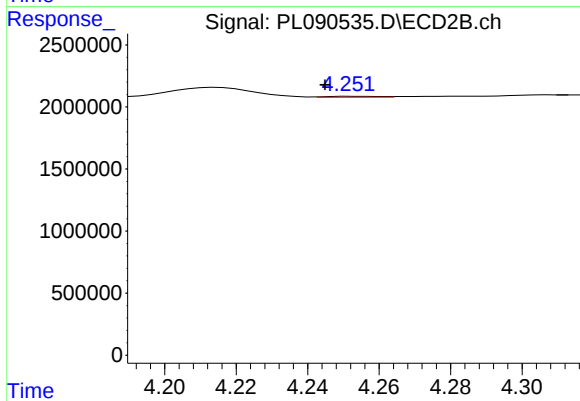
#4 Heptachlor

R.T.: 3.962 min  
Delta R.T.: -0.002 min  
Response: 369026  
Conc: 0.17 ng/ml



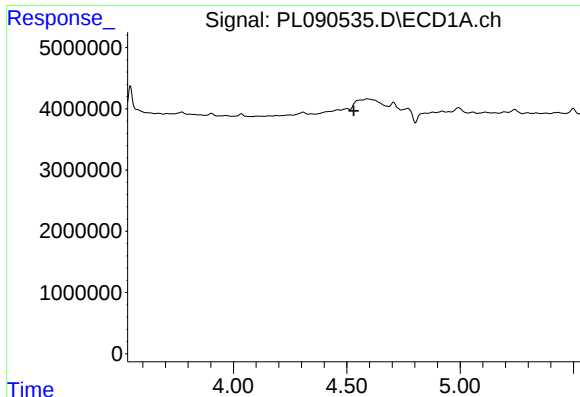
#5 Aldrin

R.T.: 5.241 min  
Delta R.T.: -0.025 min  
Response: 2798206  
Conc: 1.12 ng/ml



#5 Aldrin

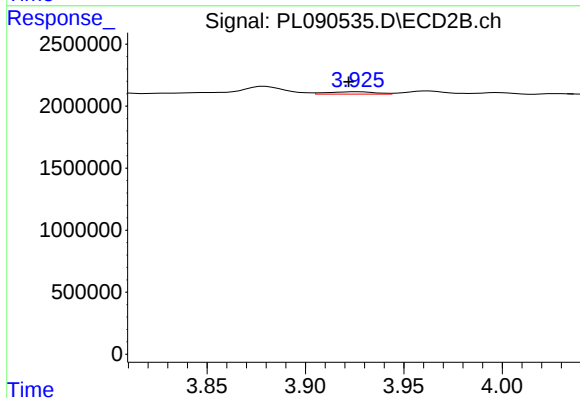
R.T.: 4.252 min  
Delta R.T.: 0.007 min  
Response: 76364  
Conc: 0.04 ng/ml



#6 beta-BHC

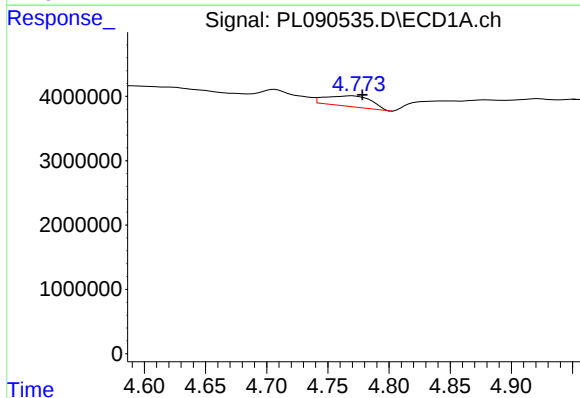
R.T.: 0.000 min  
Exp R.T.: 4.531 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :  
PAT-DIS-01-07112024



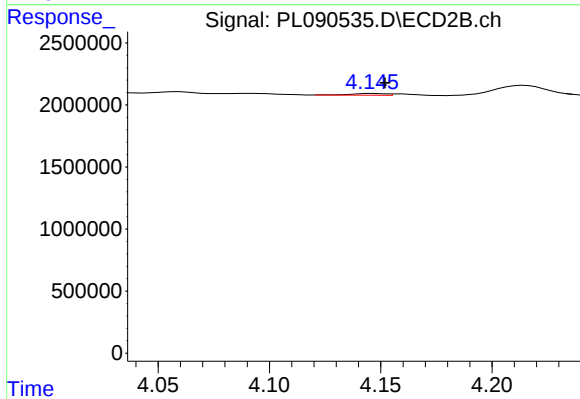
#6 beta-BHC

R.T.: 3.927 min  
Delta R.T.: 0.005 min  
Response: 313657  
Conc: 0.30 ng/ml



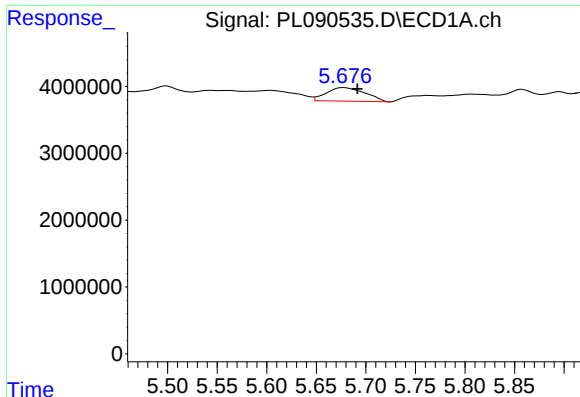
#7 delta-BHC

R.T.: 4.770 min  
Delta R.T.: -0.008 min  
Response: 4311175  
Conc: 1.61 ng/ml



#7 delta-BHC

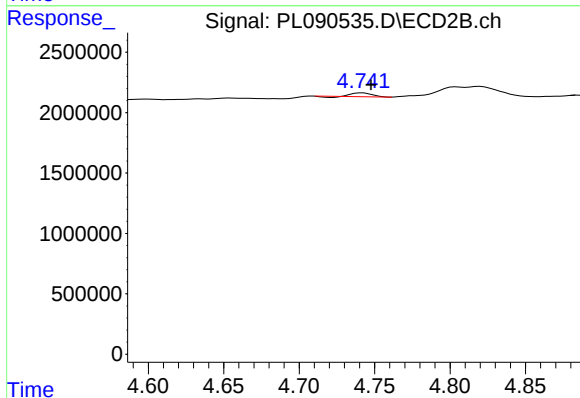
R.T.: 4.146 min  
Delta R.T.: -0.006 min  
Response: 151087  
Conc: 0.07 ng/ml



#8 Heptachlor epoxide

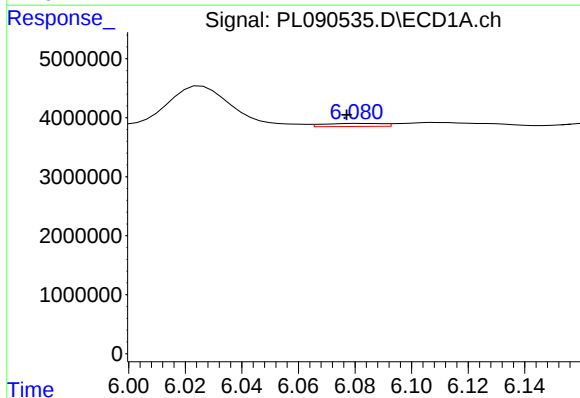
R.T.: 5.678 min  
Delta R.T.: -0.014 min  
Response: 5532390  
Conc: 2.35 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PAT-DIS-01-07112024



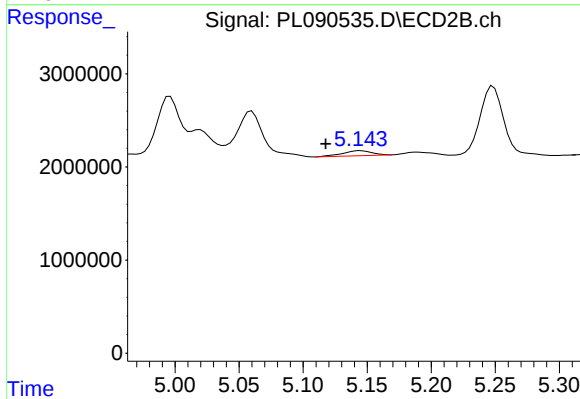
#8 Heptachlor epoxide

R.T.: 4.742 min  
Delta R.T.: -0.005 min  
Response: 259688  
Conc: 0.13 ng/ml



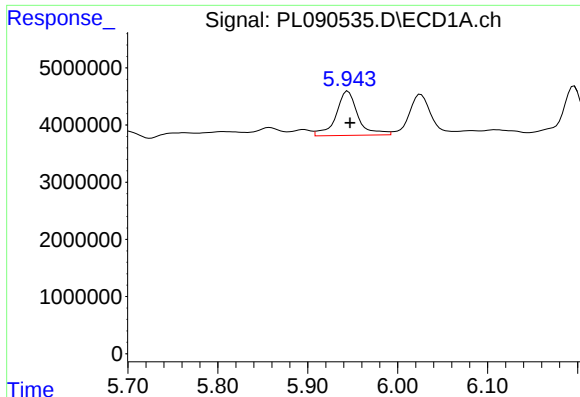
#9 Endosulfan I

R.T.: 6.082 min  
Delta R.T.: 0.005 min  
Response: 759562  
Conc: 0.36 ng/ml



#9 Endosulfan I

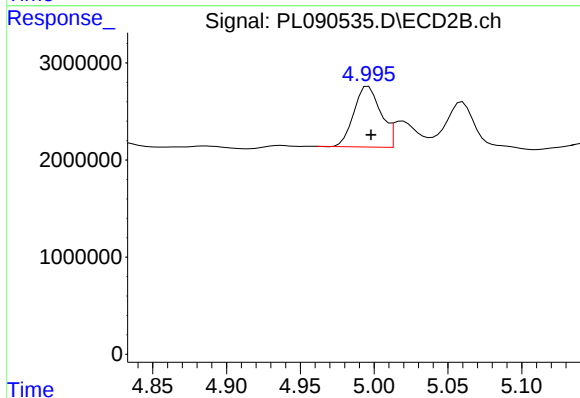
R.T.: 5.145 min  
Delta R.T.: 0.027 min  
Response: 849936  
Conc: 0.46 ng/ml



#10 gamma-Chlordane

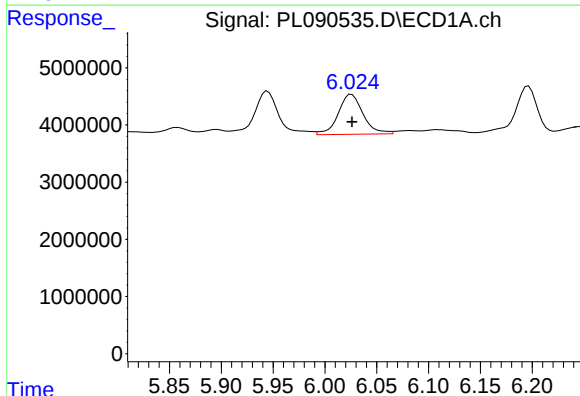
R.T.: 5.945 min  
Delta R.T.: -0.003 min  
Response: 13091802  
Conc: 5.63 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PAT-DIS-01-07112024



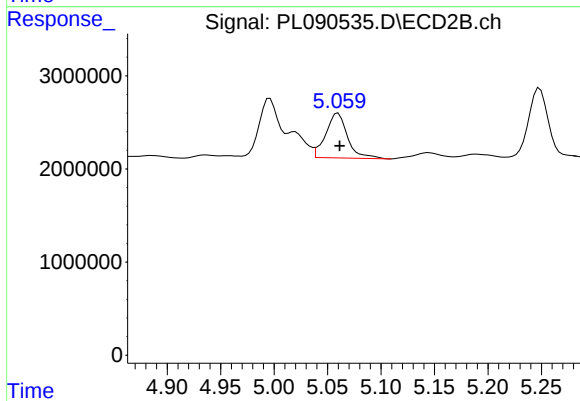
#10 gamma-Chlordane

R.T.: 4.996 min  
Delta R.T.: -0.002 min  
Response: 7929876  
Conc: 3.91 ng/ml



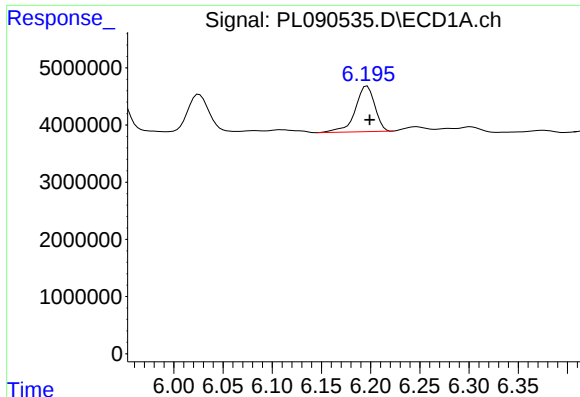
#11 alpha-Chlordane

R.T.: 6.026 min  
Delta R.T.: 0.000 min  
Response: 11648645  
Conc: 5.07 ng/ml



#11 alpha-Chlordane

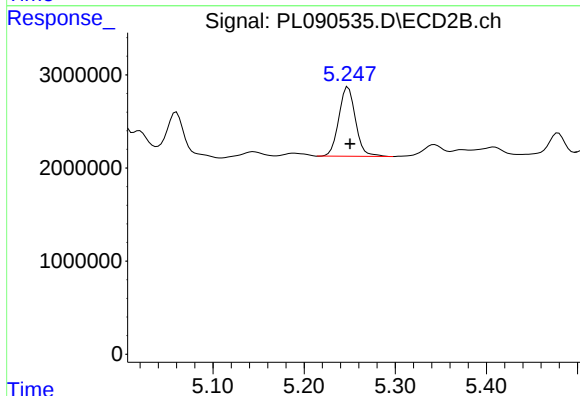
R.T.: 5.060 min  
Delta R.T.: -0.002 min  
Response: 6825165  
Conc: 3.38 ng/ml



#12 4,4'-DDE

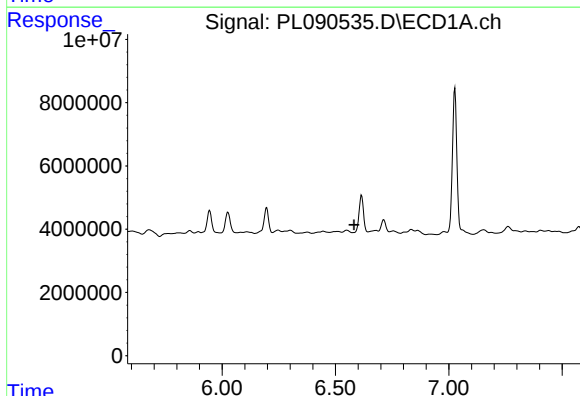
R.T.: 6.196 min  
Delta R.T.: -0.003 min  
Response: 11029408  
Conc: 5.45 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PAT-DIS-01-07112024



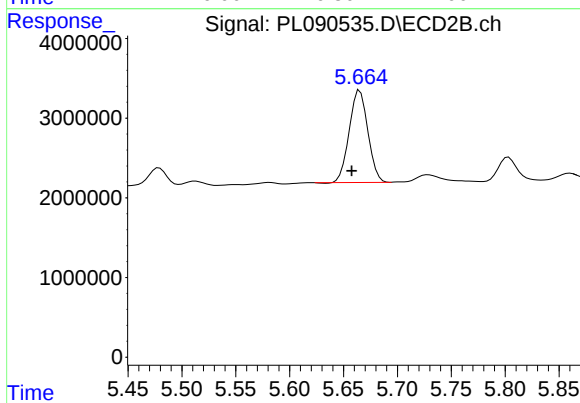
#12 4,4'-DDE

R.T.: 5.248 min  
Delta R.T.: -0.002 min  
Response: 9486876  
Conc: 5.31 ng/ml



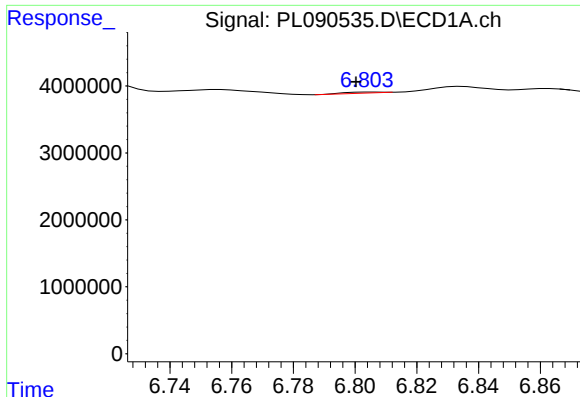
#14 Endrin

R.T.: 0.000 min  
Exp R.T. : 6.582 min  
Response: 0  
Conc: N.D.



#14 Endrin

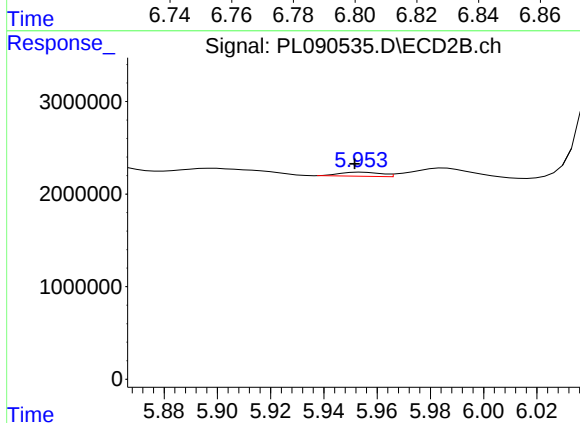
R.T.: 5.665 min  
Delta R.T.: 0.008 min  
Response: 13941119  
Conc: 8.10 ng/ml



#15 Endosulfan II

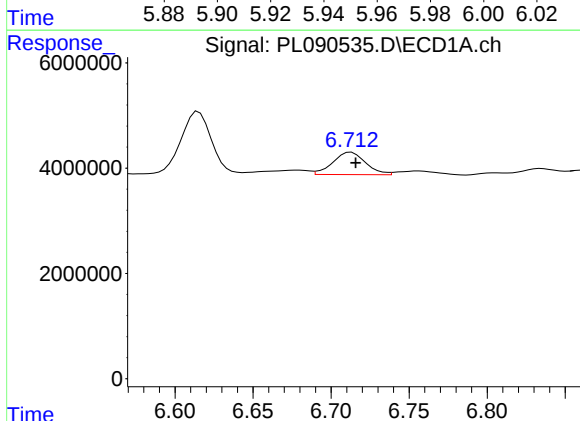
R.T.: 6.805 min  
Delta R.T.: 0.005 min  
Response: 115451  
Conc: 0.06 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PAT-DIS-01-07112024



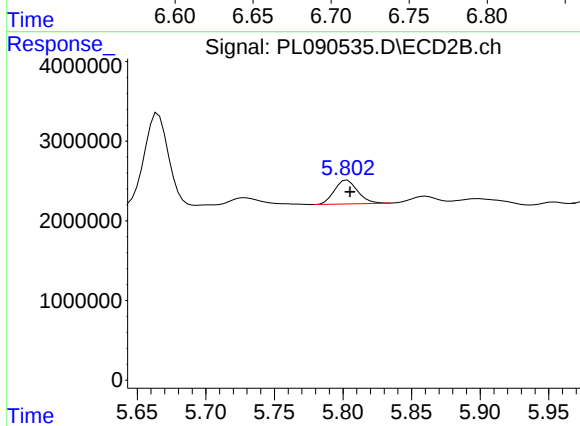
#15 Endosulfan II

R.T.: 5.954 min  
Delta R.T.: 0.003 min  
Response: 475876  
Conc: 0.28 ng/ml



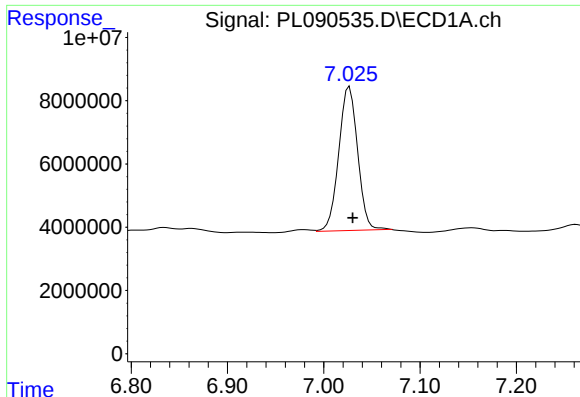
#16 4,4'-DDD

R.T.: 6.713 min  
Delta R.T.: -0.003 min  
Response: 6234611  
Conc: 3.69 ng/ml



#16 4,4'-DDD

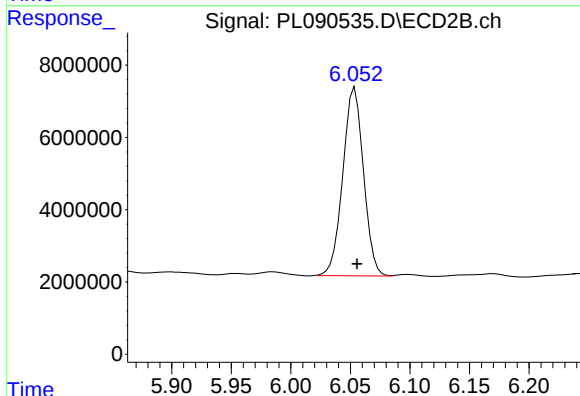
R.T.: 5.803 min  
Delta R.T.: -0.002 min  
Response: 3529694  
Conc: 2.36 ng/ml



#17 4,4'-DDT

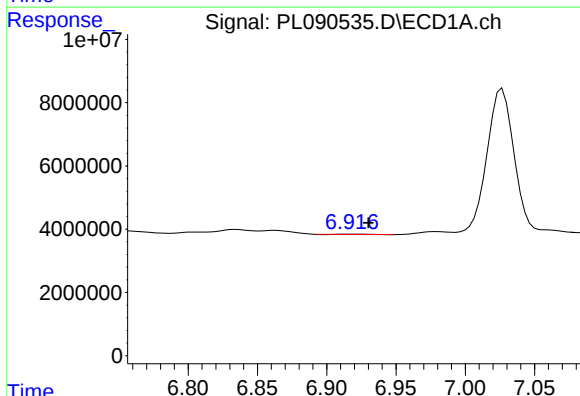
R.T.: 7.027 min  
Delta R.T.: -0.003 min  
Response: 61796854  
Conc: 36.71 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PAT-DIS-01-07112024



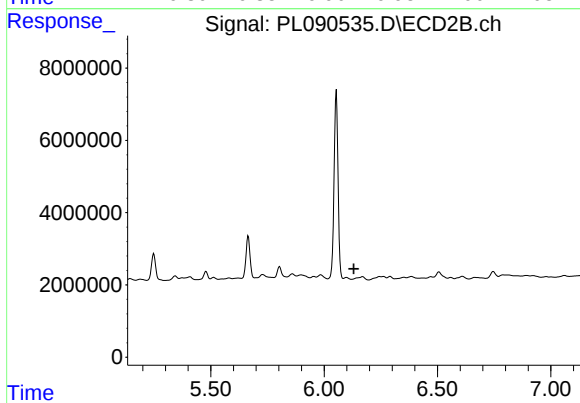
#17 4,4'-DDT

R.T.: 6.054 min  
Delta R.T.: -0.002 min  
Response: 62928324  
Conc: 42.95 ng/ml



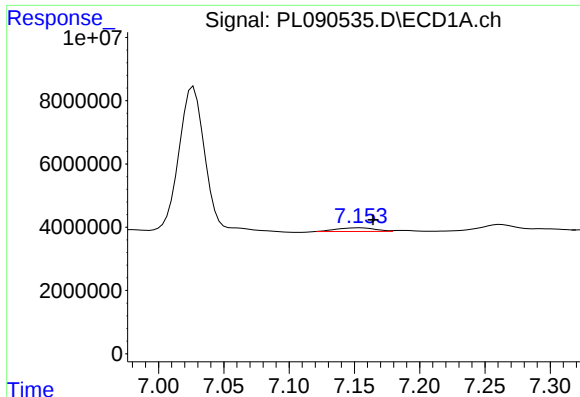
#18 Endrin aldehyde

R.T.: 6.917 min  
Delta R.T.: -0.013 min  
Response: 161594  
Conc: 0.11 ng/ml



#18 Endrin aldehyde

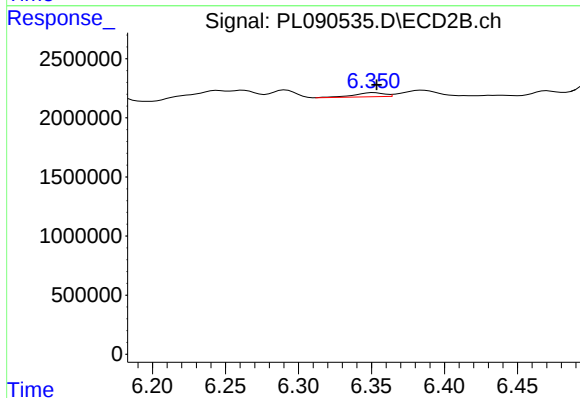
R.T.: 0.000 min  
Exp R.T. : 6.131 min  
Response: 0  
Conc: N.D.



#19 Endosulfan Sulfate

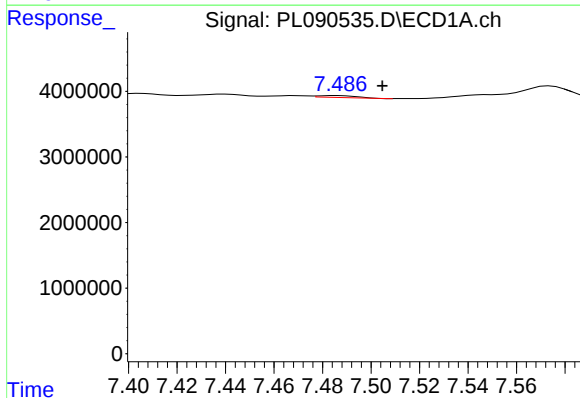
R.T.: 7.155 min  
Delta R.T.: -0.010 min  
Response: 2379921  
Conc: 1.36 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PAT-DIS-01-07112024



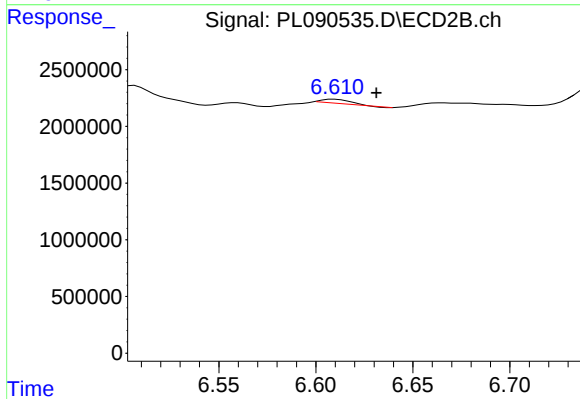
#19 Endosulfan Sulfate

R.T.: 6.352 min  
Delta R.T.: -0.002 min  
Response: 499283  
Conc: 0.31 ng/ml



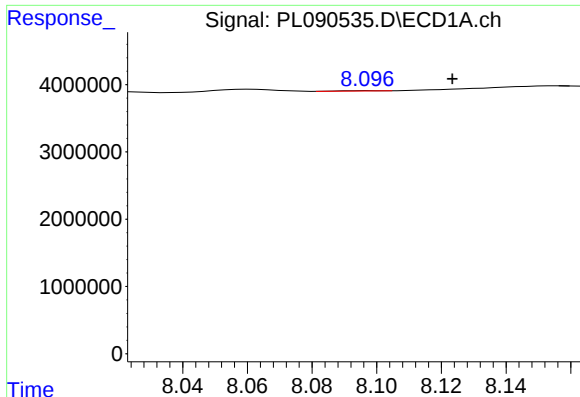
#20 Methoxychlor

R.T.: 7.486 min  
Delta R.T.: -0.019 min  
Response: 304740  
Conc: 0.35 ng/ml



#20 Methoxychlor

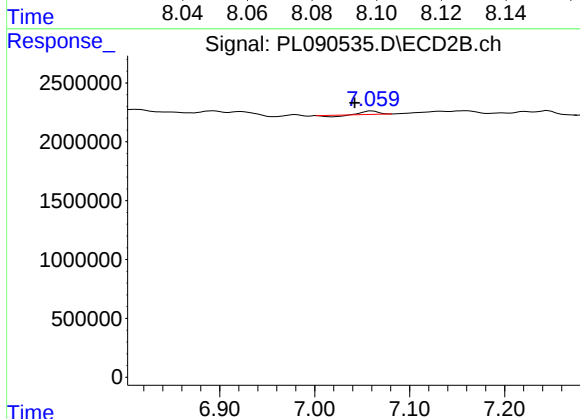
R.T.: 6.610 min  
Delta R.T.: -0.021 min  
Response: 354239  
Conc: 0.44 ng/ml



#22 Mirex

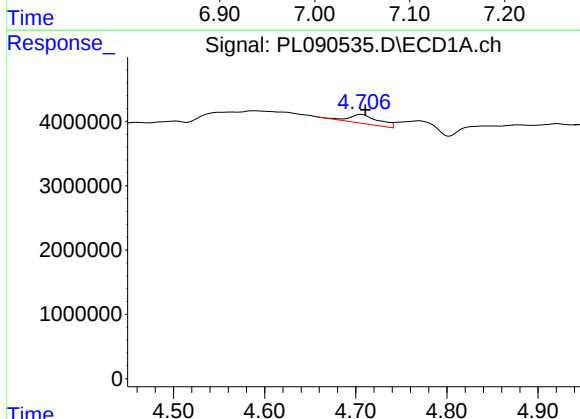
R.T.: 8.098 min  
Delta R.T.: -0.026 min  
Response: 32765  
Conc: 0.02 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PAT-DIS-01-07112024



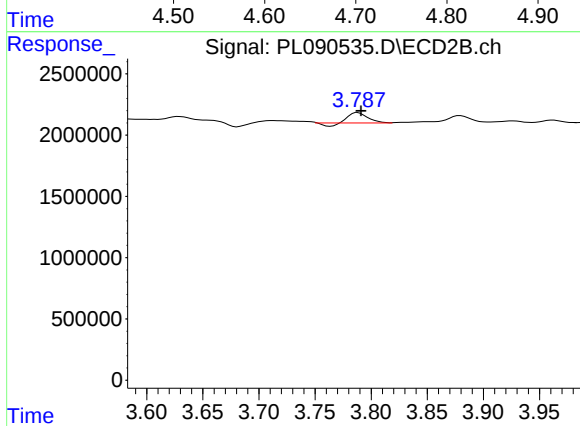
#22 Mirex

R.T.: 7.060 min  
Delta R.T.: 0.018 min  
Response: 207419  
Conc: 0.14 ng/ml



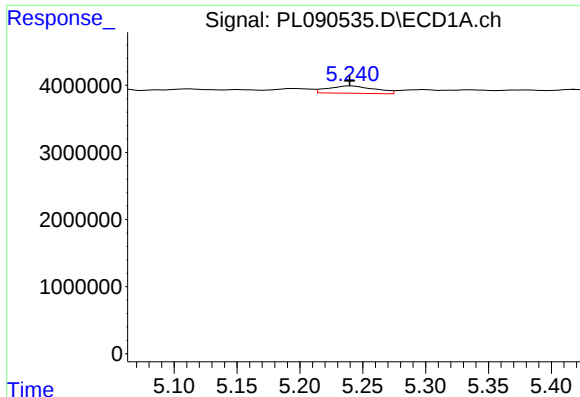
#23 Chlordane-1

R.T.: 4.707 min  
Delta R.T.: -0.004 min  
Response: 3210257  
Conc: 36.25 ng/ml



#23 Chlordane-1

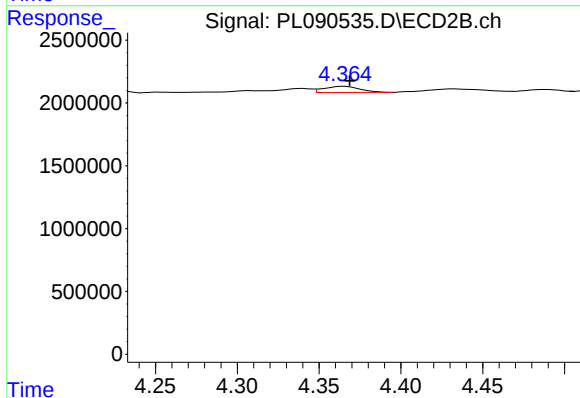
R.T.: 3.788 min  
Delta R.T.: -0.003 min  
Response: 895265  
Conc: 14.46 ng/ml



#24 Chlordane-2

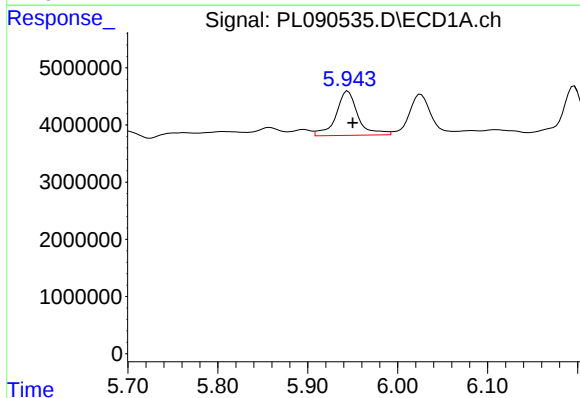
R.T.: 5.241 min  
Delta R.T.: 0.000 min  
Response: 2798206  
Conc: 27.34 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PAT-DIS-01-07112024



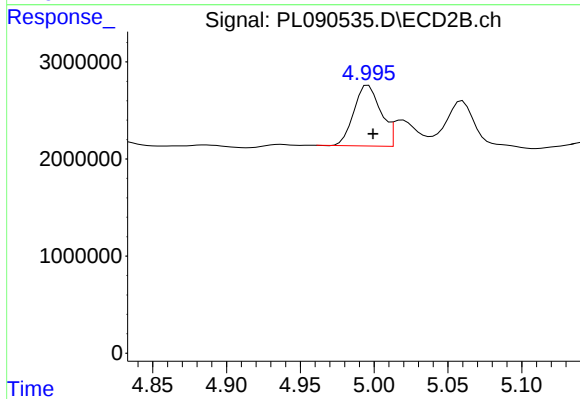
#24 Chlordane-2

R.T.: 4.366 min  
Delta R.T.: -0.003 min  
Response: 747394  
Conc: 9.85 ng/ml



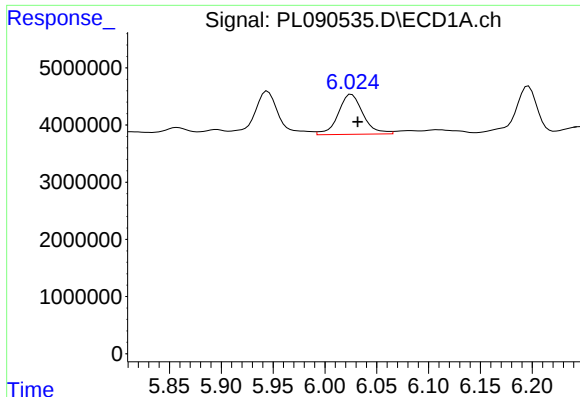
#25 Chlordane-3

R.T.: 5.945 min  
Delta R.T.: -0.005 min  
Response: 13091802  
Conc: 39.55 ng/ml



#25 Chlordane-3

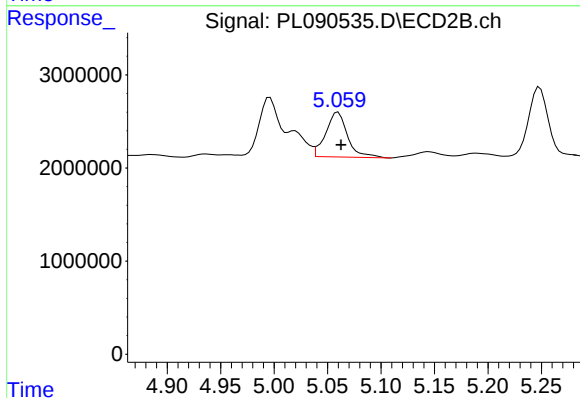
R.T.: 4.996 min  
Delta R.T.: -0.003 min  
Response: 7929876  
Conc: 38.37 ng/ml



#26 Chlordane-4

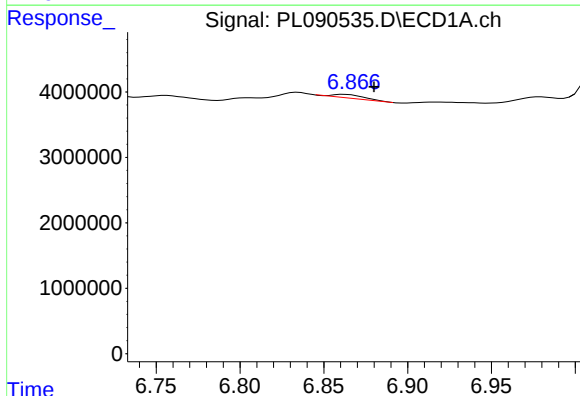
R.T.: 6.026 min  
Delta R.T.: -0.006 min  
Response: 11648645  
Conc: 29.25 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PAT-DIS-01-07112024



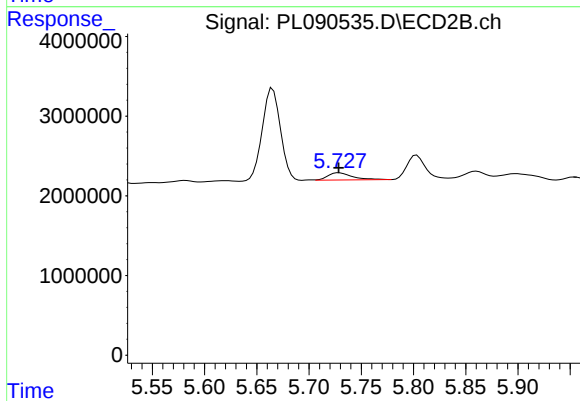
#26 Chlordane-4

R.T.: 5.060 min  
Delta R.T.: -0.003 min  
Response: 6825165  
Conc: 34.88 ng/ml



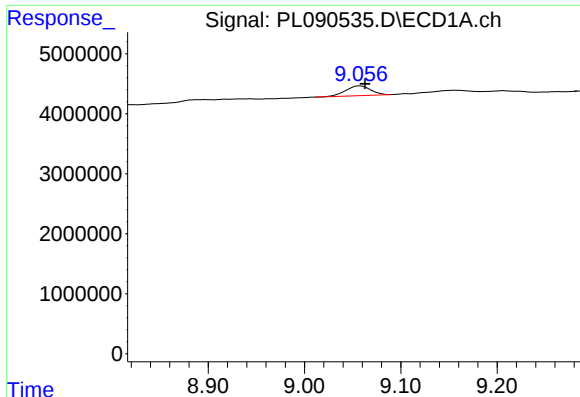
#27 Chlordane-5

R.T.: 6.863 min  
Delta R.T.: -0.018 min  
Response: 539041  
Conc: 7.79 ng/ml



#27 Chlordane-5

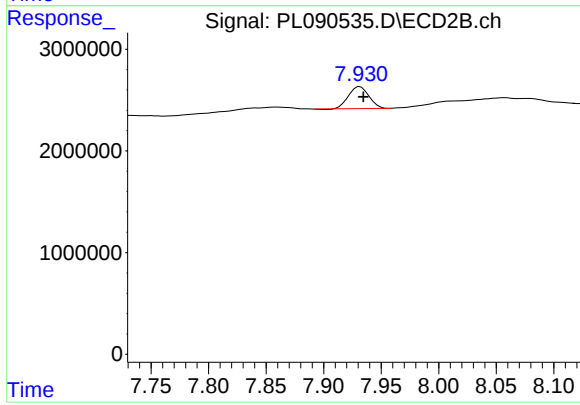
R.T.: 5.729 min  
Delta R.T.: 0.000 min  
Response: 1483768  
Conc: 24.62 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.057 min  
Delta R.T.: -0.005 min  
Response: 2870892  
Conc: 2.16 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PAT-DIS-01-07112024



#28 Decachlorobiphenyl

R.T.: 7.932 min  
Delta R.T.: -0.003 min  
Response: 2649559  
Conc: 1.82 ng/ml