

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL071524\  
 Data File : PL090536.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 15 Jul 2024 15:23  
 Operator : AR\AJ  
 Sample : P3228-01MS 10X  
 Misc :  
 ALS Vial : 9 Sample Multiplier: 1

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

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Jul 16 01:15:29 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 | 4685987  | 3483350  | 2.251   | 2.070    |
| 28)                         | SA Decachlor... | 9.057  | 7.932 | 2612247  | 2668795  | 1.966   | 1.830    |
| Target Compounds            |                 |        |       |          |          |         |          |
| 2)                          | A alpha-BHC     | 4.001  | 3.292 | 14445219 | 11147522 | 4.868   | 4.614    |
| 3)                          | MA gamma-BHC... | 4.333  | 3.622 | 13755279 | 12460814 | 4.912   | 5.404    |
| 4)                          | MA Heptachlor   | 4.922  | 3.962 | 15113071 | 11084834 | 5.938   | 5.025    |
| 5)                          | MB Aldrin       | 5.264  | 4.243 | 17665993 | 12563105 | 7.071   | 5.905    |
| 6)                          | B beta-BHC      | 4.530  | 3.921 | 6698061  | 5985386  | 5.280   | 5.799    |
| 7)                          | B delta-BHC     | 4.776  | 4.150 | 19210064 | 10558151 | 7.165   | 4.800 #  |
| 8)                          | B Heptachlo...  | 5.689  | 4.745 | 18281342 | 9606440  | 7.778   | 4.925 #  |
| 9)                          | A Endosulfan I  | 6.075  | 5.116 | 12718833 | 8853663  | 5.947   | 4.841    |
| 10)                         | B gamma-Chl...  | 5.945  | 4.995 | 26131710 | 19323410 | 11.239  | 9.531    |
| 11)                         | B alpha-Chl...  | 6.025  | 5.059 | 22916906 | 15438241 | 9.982   | 7.640    |
| 12)                         | B 4,4'-DDE      | 6.197  | 5.248 | 19506821 | 17299561 | 9.647   | 9.680    |
| 13)                         | MA Dieldrin     | 6.349  | 5.379 | 10252934 | 8787450  | 4.615   | 4.481    |
| 14)                         | MA Endrin       | 6.579  | 5.662 | 9259237  | 20051789 | 5.036   | 11.650 # |
| 15)                         | B Endosulfa...  | 6.798  | 5.949 | 8568908  | 7670415  | 4.357   | 4.490    |
| 16)                         | A 4,4'-DDD      | 6.713  | 5.802 | 12500425 | 9586900  | 7.405   | 6.399    |
| 17)                         | MA 4,4'-DDT     | 7.027  | 6.054 | 65958575 | 66345230 | 39.184  | 45.282   |
| 18)                         | B Endrin al...  | 6.928  | 6.129 | 7090871  | 7456522  | 4.779   | 5.707    |
| 19)                         | B Endosulfa...  | 7.161  | 6.351 | 11531122 | 8778668  | 6.566   | 5.444    |
| 20)                         | A Methoxychlor  | 7.501  | 6.628 | 3957268  | 3781424  | 4.482   | 4.677    |
| 21)                         | B Endrin ke...  | 7.646  | 6.857 | 9652507  | 7794522  | 5.056   | 4.265    |
| 22)                         | Mirex           | 8.120  | 7.039 | 7053177  | 7063393  | 4.980   | 4.751    |
| 23)                         | Chlordane-1     | 4.705  | 3.788 | 4801809  | 1562209  | 54.223  | 25.231 # |
| 24)                         | Chlordane-2     | 5.264f | 4.365 | 17665993 | 1295947  | 172.598 | 17.088 # |
| 25)                         | Chlordane-3     | 5.945  | 4.995 | 26131710 | 19323410 | 78.935  | 93.494   |
| 26)                         | Chlordane-4     | 6.025  | 5.059 | 22916906 | 15438241 | 57.536  | 78.888 # |
| 27)                         | Chlordane-5     | 6.862f | 5.729 | 533638   | 1031892  | 7.712   | 17.119 # |
| -----                       |                 |        |       |          |          |         |          |

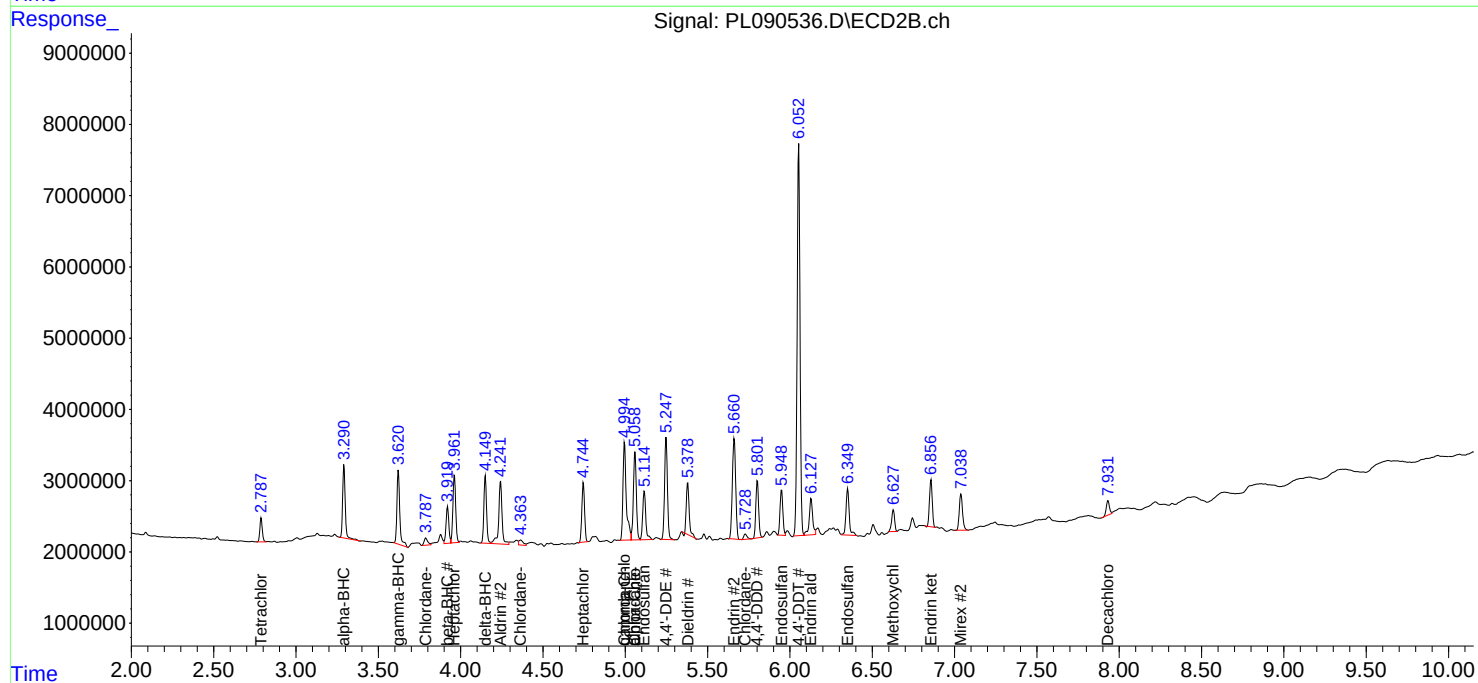
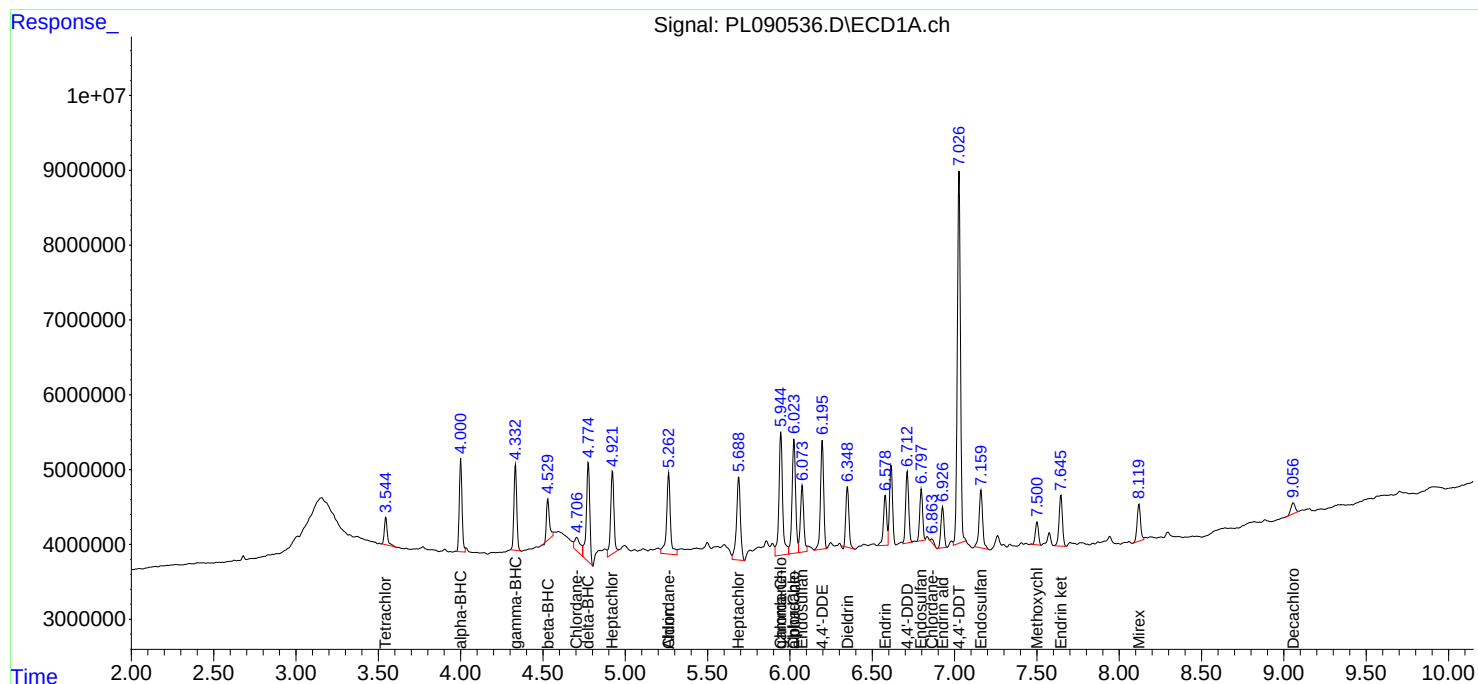
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

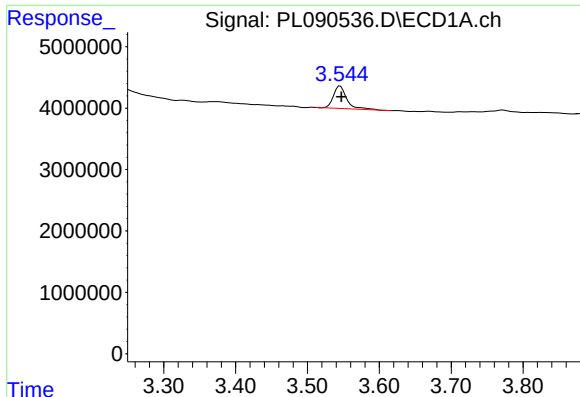
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL071524\  
Data File : PL090536.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 15 Jul 2024 15:23  
Operator : AR\AJ  
Sample : P3228-01MS 10X  
Misc :  
ALS Vial : 9 Sample Multiplier: 1

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

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Jul 16 01:15:29 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

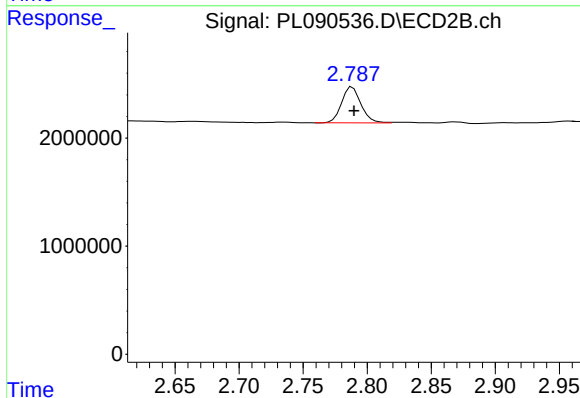




#1 Tetrachloro-m-xylene

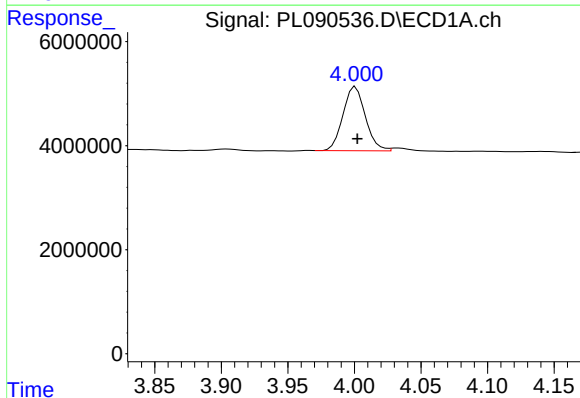
R.T.: 3.546 min  
Delta R.T.: -0.001 min  
Response: 4685987  
Conc: 2.25 ng/ml

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



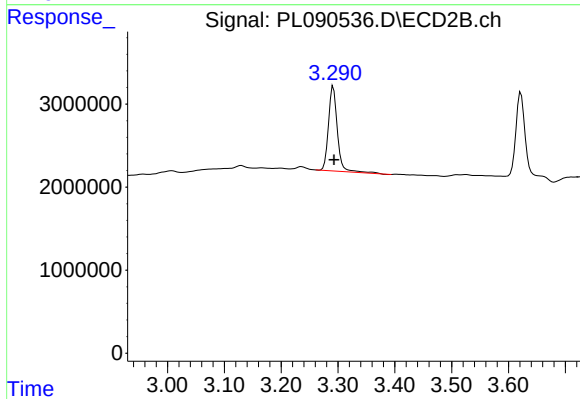
#1 Tetrachloro-m-xylene

R.T.: 2.788 min  
Delta R.T.: -0.001 min  
Response: 3483350  
Conc: 2.07 ng/ml



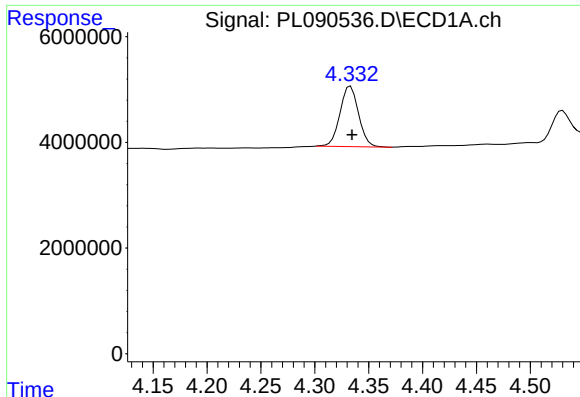
#2 alpha-BHC

R.T.: 4.001 min  
Delta R.T.: -0.001 min  
Response: 14445219  
Conc: 4.87 ng/ml



#2 alpha-BHC

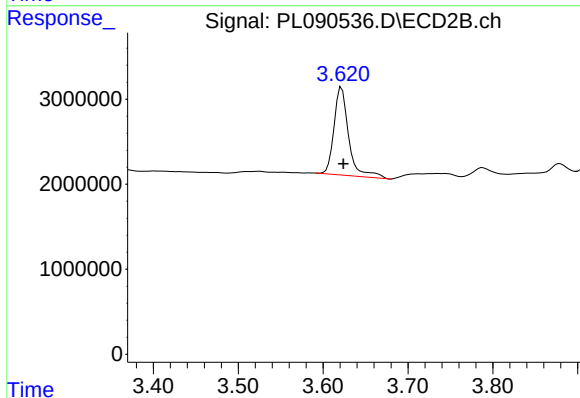
R.T.: 3.292 min  
Delta R.T.: -0.002 min  
Response: 11147522  
Conc: 4.61 ng/ml



#3 gamma-BHC (Lindane)

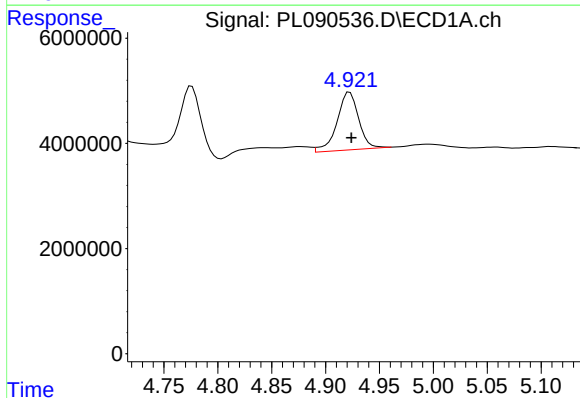
R.T.: 4.333 min  
Delta R.T.: -0.001 min  
Response: 13755279  
Conc: 4.91 ng/ml

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



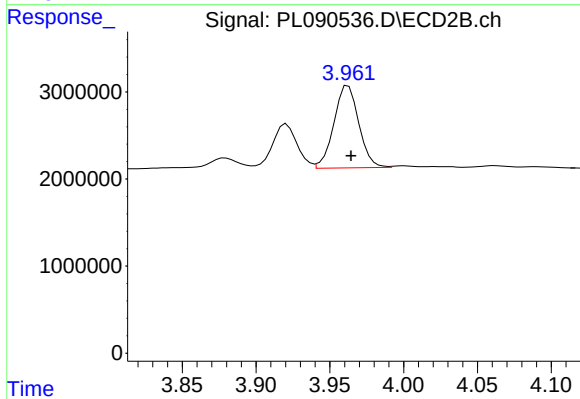
#3 gamma-BHC (Lindane)

R.T.: 3.622 min  
Delta R.T.: -0.002 min  
Response: 12460814  
Conc: 5.40 ng/ml



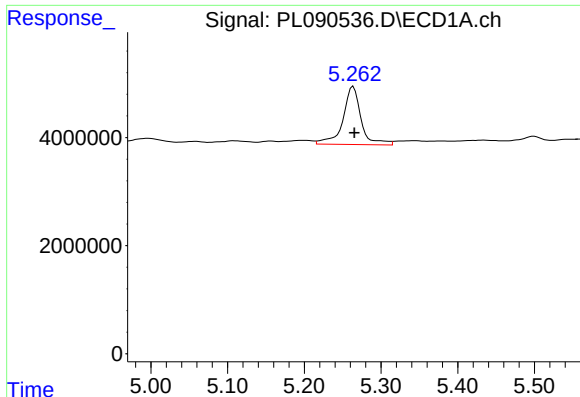
#4 Heptachlor

R.T.: 4.922 min  
Delta R.T.: -0.002 min  
Response: 15113071  
Conc: 5.94 ng/ml



#4 Heptachlor

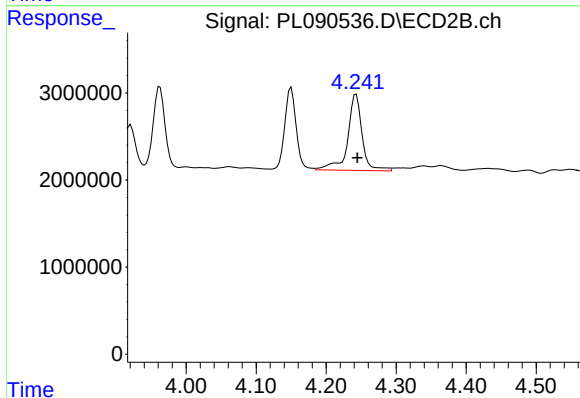
R.T.: 3.962 min  
Delta R.T.: -0.002 min  
Response: 11084834  
Conc: 5.02 ng/ml



#5 Aldrin

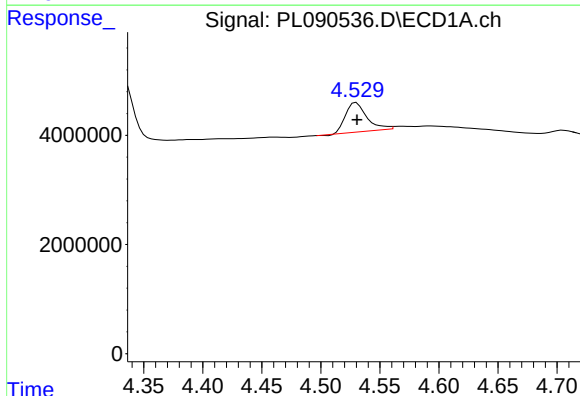
R.T.: 5.264 min  
Delta R.T.: -0.002 min  
Response: 17665993  
Conc: 7.07 ng/ml

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



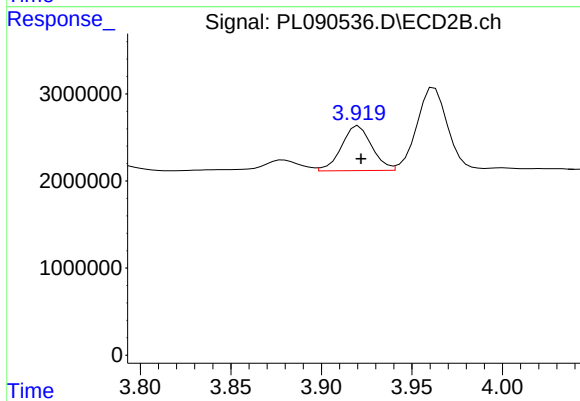
#5 Aldrin

R.T.: 4.243 min  
Delta R.T.: -0.002 min  
Response: 12563105  
Conc: 5.91 ng/ml



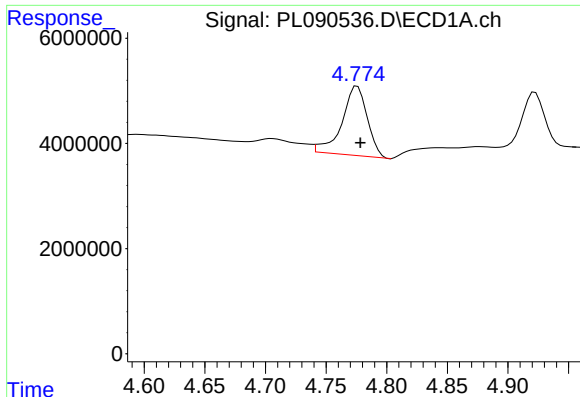
#6 beta-BHC

R.T.: 4.530 min  
Delta R.T.: 0.000 min  
Response: 6698061  
Conc: 5.28 ng/ml



#6 beta-BHC

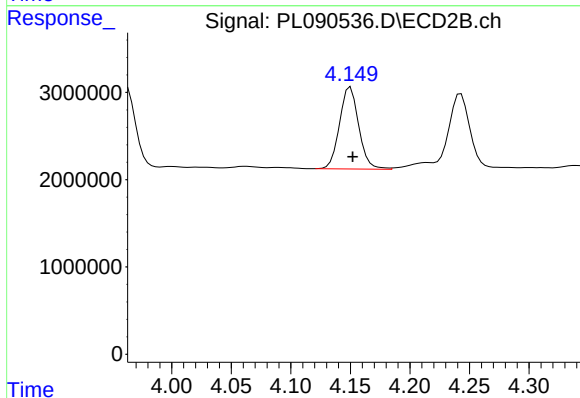
R.T.: 3.921 min  
Delta R.T.: -0.001 min  
Response: 5985386  
Conc: 5.80 ng/ml



#7 delta-BHC

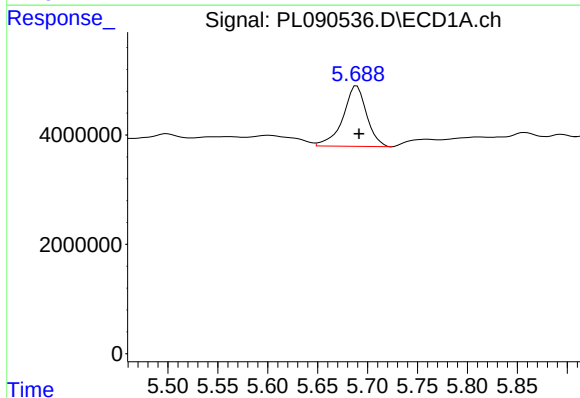
R.T.: 4.776 min  
Delta R.T.: -0.002 min  
Response: 19210064  
Conc: 7.17 ng/ml

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



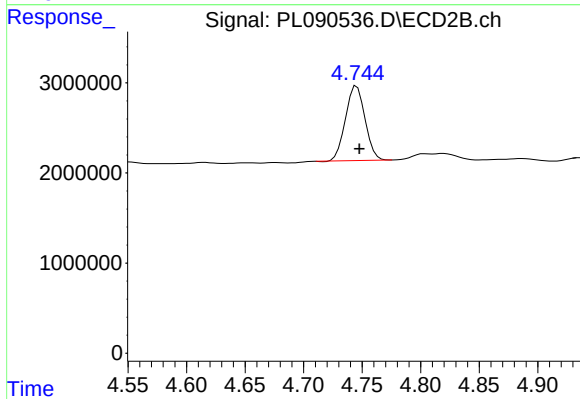
#7 delta-BHC

R.T.: 4.150 min  
Delta R.T.: -0.002 min  
Response: 10558151  
Conc: 4.80 ng/ml



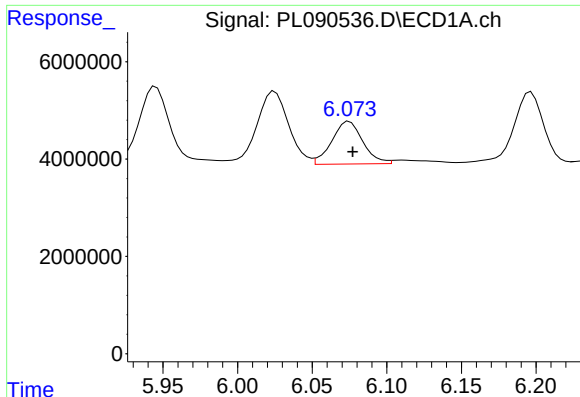
#8 Heptachlor epoxide

R.T.: 5.689 min  
Delta R.T.: -0.002 min  
Response: 18281342  
Conc: 7.78 ng/ml



#8 Heptachlor epoxide

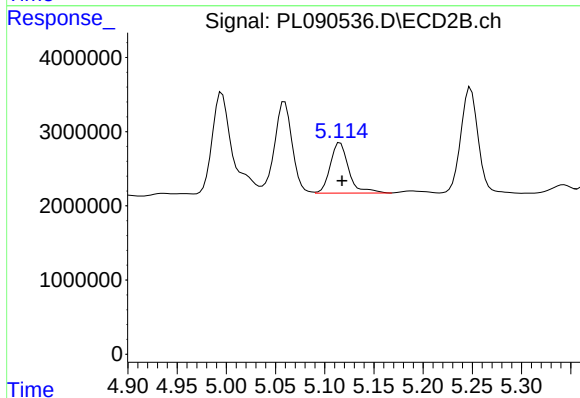
R.T.: 4.745 min  
Delta R.T.: -0.002 min  
Response: 9606440  
Conc: 4.93 ng/ml



#9 Endosulfan I

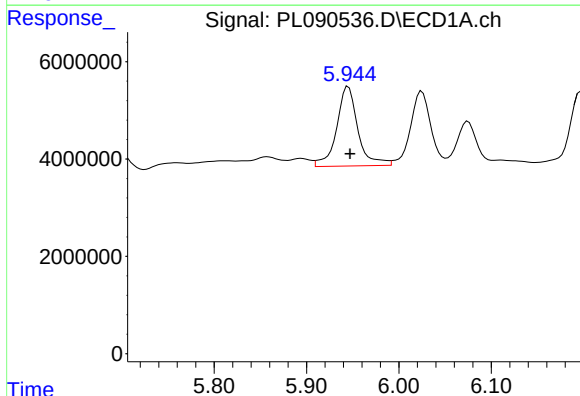
R.T.: 6.075 min  
Delta R.T.: -0.002 min  
Response: 12718833  
Conc: 5.95 ng/ml

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



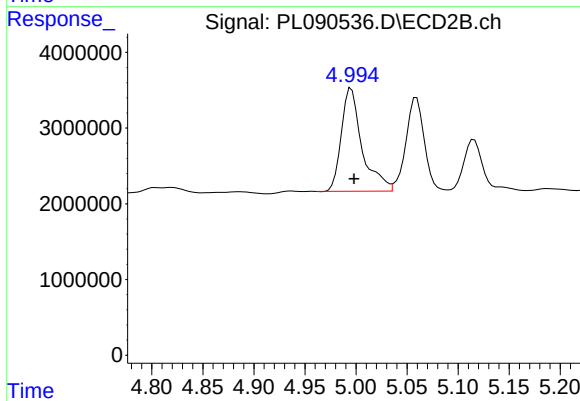
#9 Endosulfan I

R.T.: 5.116 min  
Delta R.T.: -0.002 min  
Response: 8853663  
Conc: 4.84 ng/ml



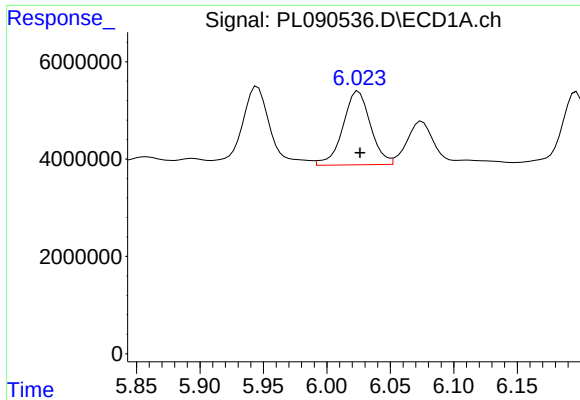
#10 gamma-Chlordane

R.T.: 5.945 min  
Delta R.T.: -0.002 min  
Response: 26131710  
Conc: 11.24 ng/ml



#10 gamma-Chlordane

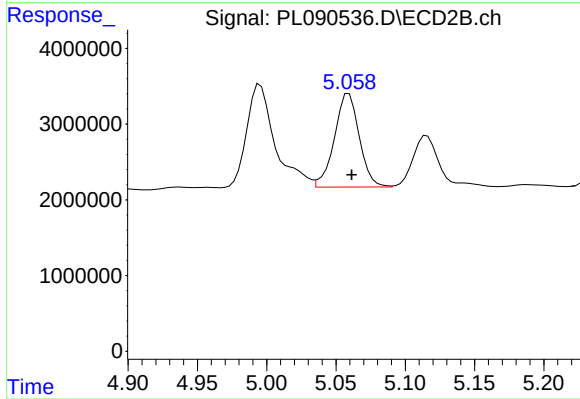
R.T.: 4.995 min  
Delta R.T.: -0.003 min  
Response: 19323410  
Conc: 9.53 ng/ml



#11 alpha-Chlordane

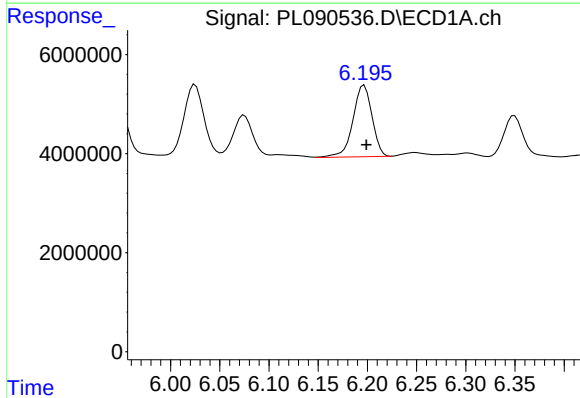
R.T.: 6.025 min  
Delta R.T.: -0.001 min  
Response: 22916906  
Conc: 9.98 ng/ml

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



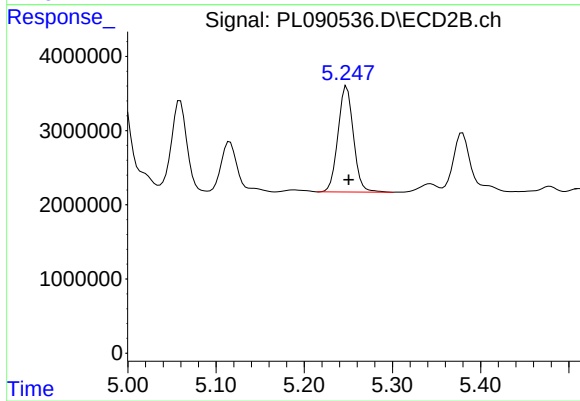
#11 alpha-Chlordane

R.T.: 5.059 min  
Delta R.T.: -0.002 min  
Response: 15438241  
Conc: 7.64 ng/ml



#12 4,4'-DDE

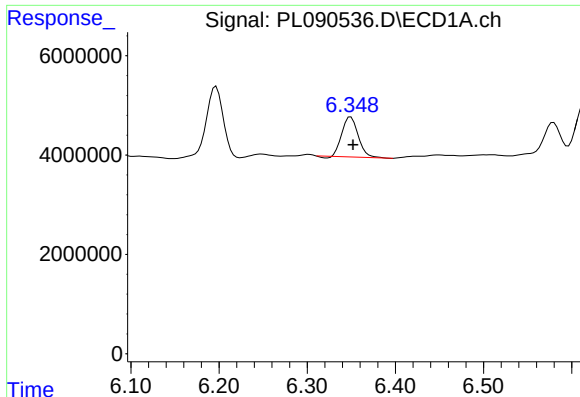
R.T.: 6.197 min  
Delta R.T.: -0.002 min  
Response: 19506821  
Conc: 9.65 ng/ml



#12 4,4'-DDE

R.T.: 5.248 min  
Delta R.T.: -0.002 min  
Response: 17299561  
Conc: 9.68 ng/ml

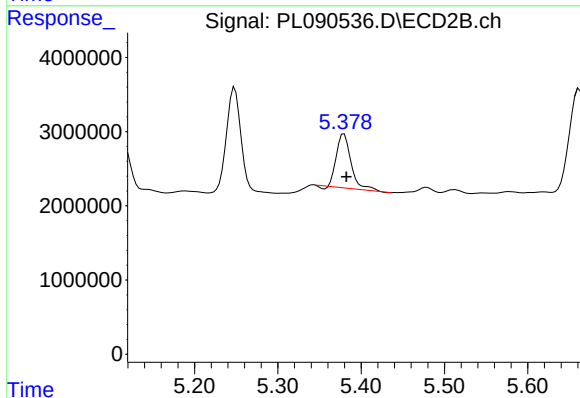




#13 Dieldrin

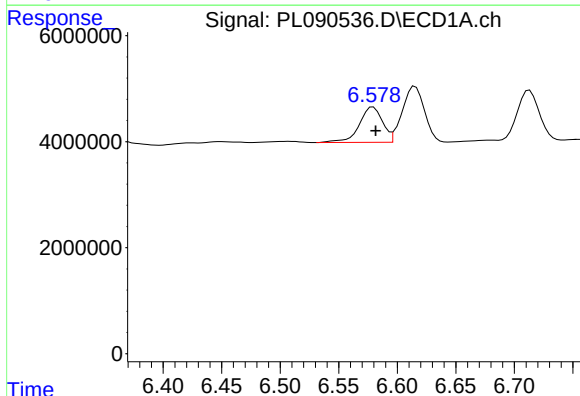
R.T.: 6.349 min  
Delta R.T.: -0.002 min  
Response: 10252934  
Conc: 4.61 ng/ml

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



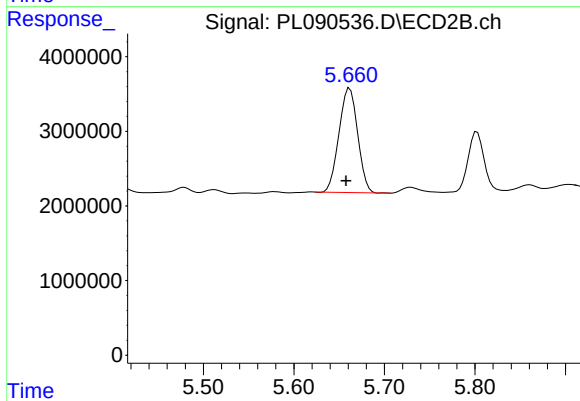
#13 Dieldrin

R.T.: 5.379 min  
Delta R.T.: -0.003 min  
Response: 8787450  
Conc: 4.48 ng/ml



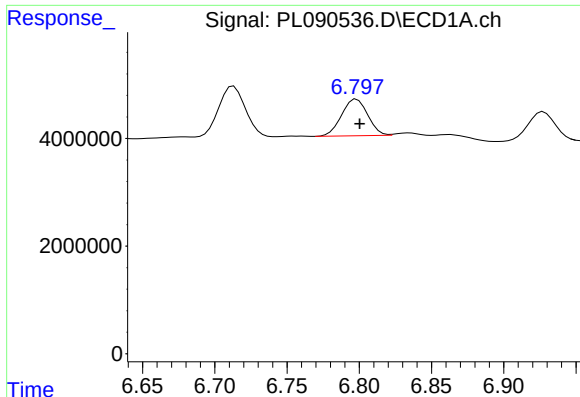
#14 Endrin

R.T.: 6.579 min  
Delta R.T.: -0.002 min  
Response: 9259237  
Conc: 5.04 ng/ml



#14 Endrin

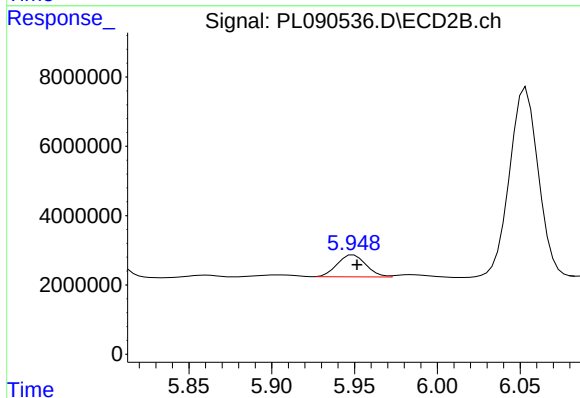
R.T.: 5.662 min  
Delta R.T.: 0.004 min  
Response: 20051789  
Conc: 11.65 ng/ml



#15 Endosulfan II

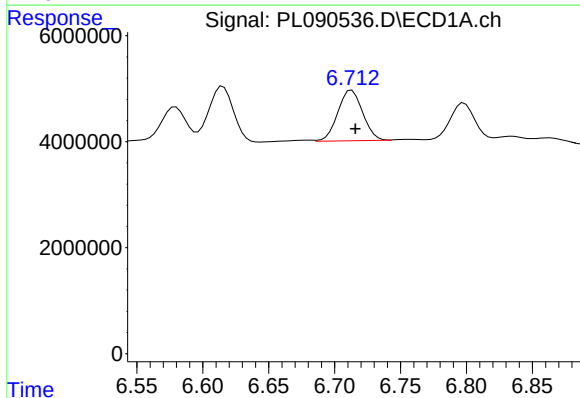
R.T.: 6.798 min  
Delta R.T.: -0.002 min  
Response: 8568908  
Conc: 4.36 ng/ml

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



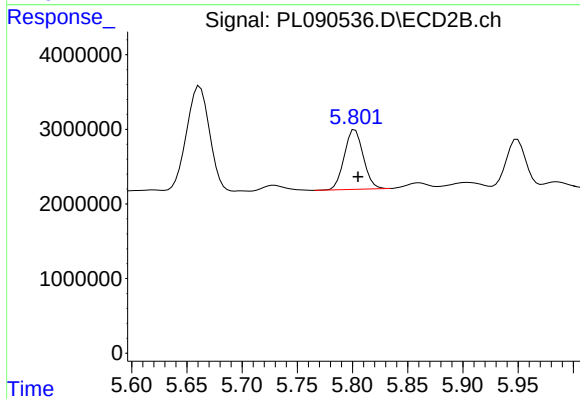
#15 Endosulfan II

R.T.: 5.949 min  
Delta R.T.: -0.002 min  
Response: 7670415  
Conc: 4.49 ng/ml



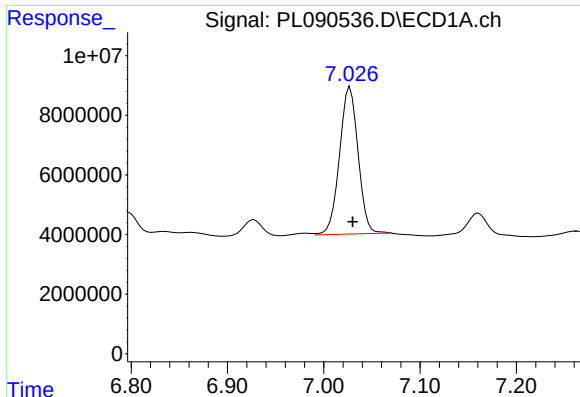
#16 4,4'-DDD

R.T.: 6.713 min  
Delta R.T.: -0.003 min  
Response: 12500425  
Conc: 7.40 ng/ml



#16 4,4'-DDD

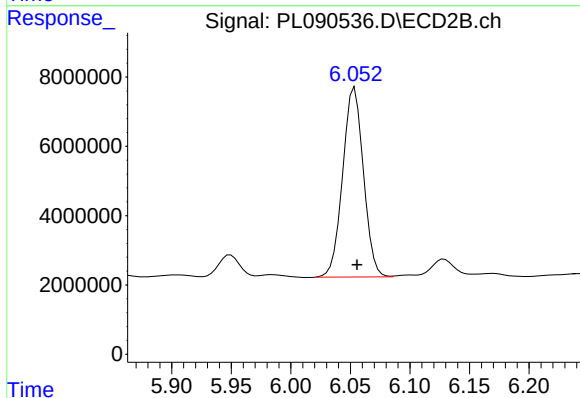
R.T.: 5.802 min  
Delta R.T.: -0.003 min  
Response: 9586900  
Conc: 6.40 ng/ml



#17 4,4'-DDT

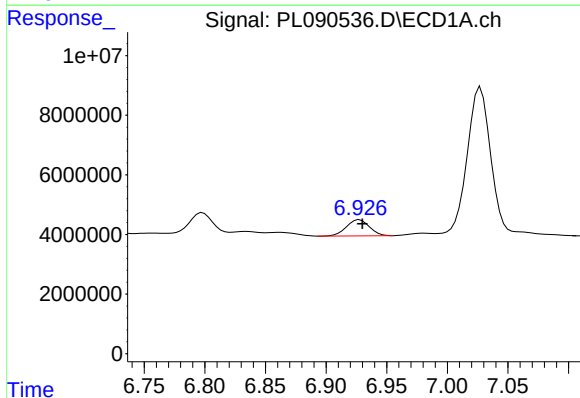
R.T.: 7.027 min  
Delta R.T.: -0.003 min  
Response: 65958575  
Conc: 39.18 ng/ml

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



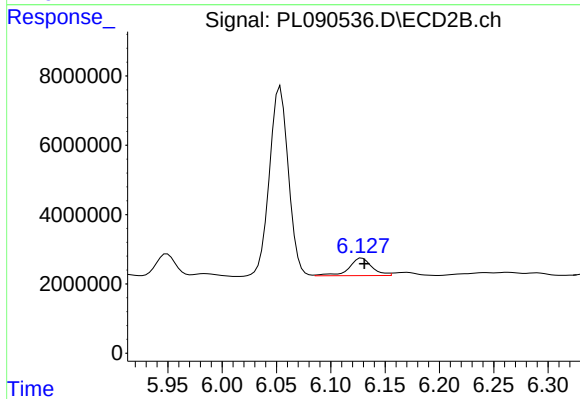
#17 4,4'-DDT

R.T.: 6.054 min  
Delta R.T.: -0.002 min  
Response: 66345230  
Conc: 45.28 ng/ml



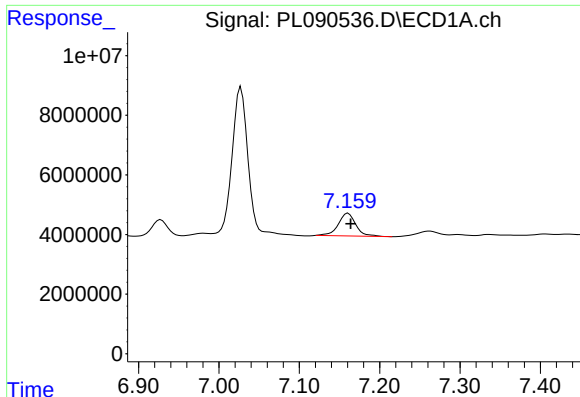
#18 Endrin aldehyde

R.T.: 6.928 min  
Delta R.T.: -0.002 min  
Response: 7090871  
Conc: 4.78 ng/ml



#18 Endrin aldehyde

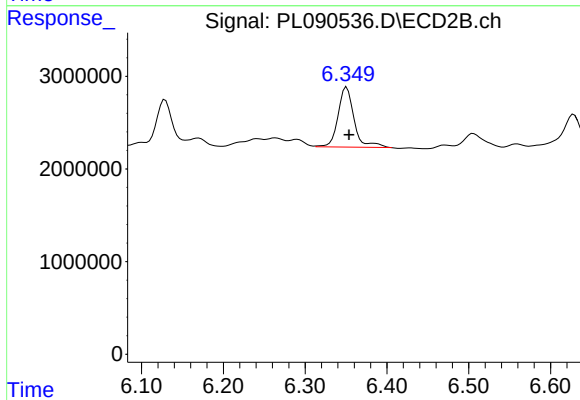
R.T.: 6.129 min  
Delta R.T.: -0.002 min  
Response: 7456522  
Conc: 5.71 ng/ml



#19 Endosulfan Sulfate

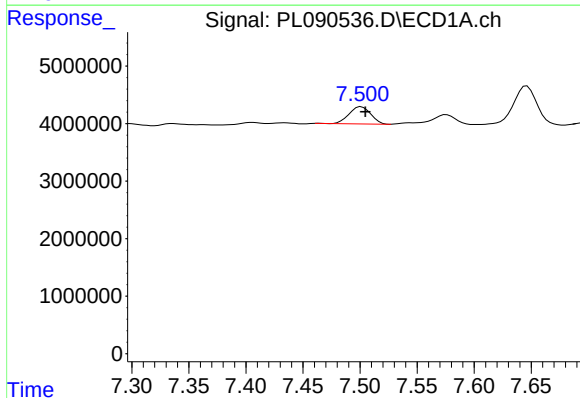
R.T.: 7.161 min  
Delta R.T.: -0.003 min  
Response: 11531122  
Conc: 6.57 ng/ml

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



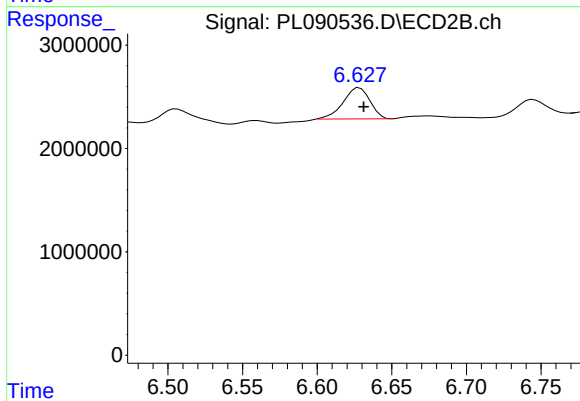
#19 Endosulfan Sulfate

R.T.: 6.351 min  
Delta R.T.: -0.003 min  
Response: 8778668  
Conc: 5.44 ng/ml



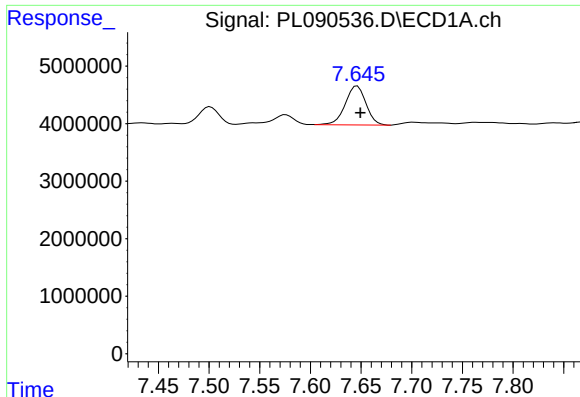
#20 Methoxychlor

R.T.: 7.501 min  
Delta R.T.: -0.004 min  
Response: 3957268  
Conc: 4.48 ng/ml



#20 Methoxychlor

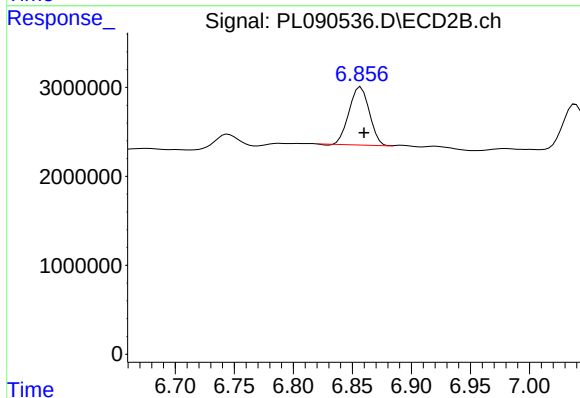
R.T.: 6.628 min  
Delta R.T.: -0.003 min  
Response: 3781424  
Conc: 4.68 ng/ml



#21 Endrin ketone

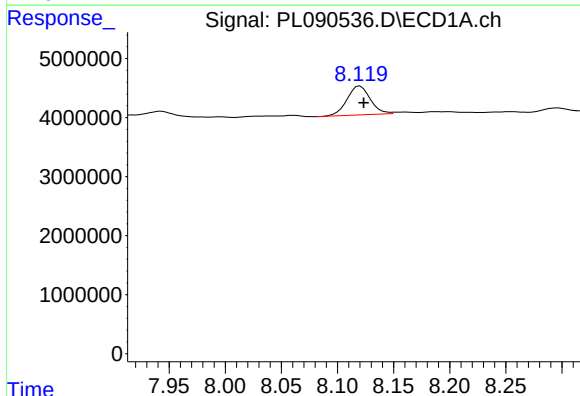
R.T.: 7.646 min  
Delta R.T.: -0.003 min  
Response: 9652507  
Conc: 5.06 ng/ml

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



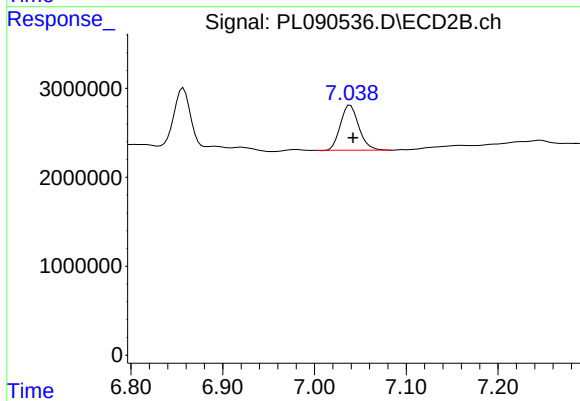
#21 Endrin ketone

R.T.: 6.857 min  
Delta R.T.: -0.003 min  
Response: 7794522  
Conc: 4.27 ng/ml



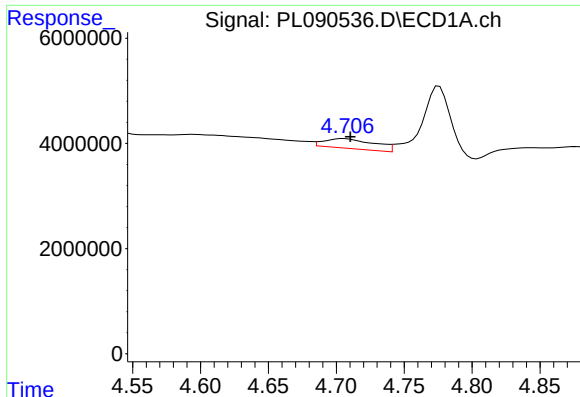
#22 Mirex

R.T.: 8.120 min  
Delta R.T.: -0.003 min  
Response: 7053177  
Conc: 4.98 ng/ml



#22 Mirex

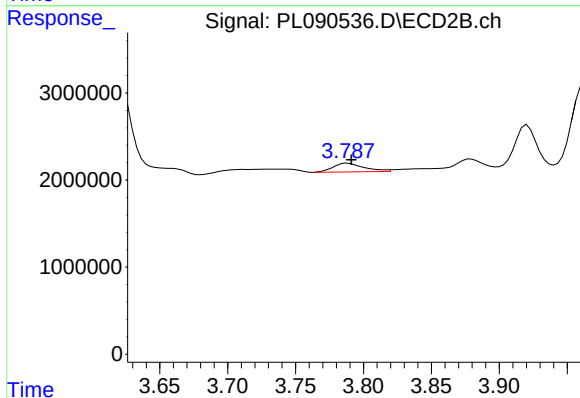
R.T.: 7.039 min  
Delta R.T.: -0.003 min  
Response: 7063393  
Conc: 4.75 ng/ml



#23 Chlordane-1

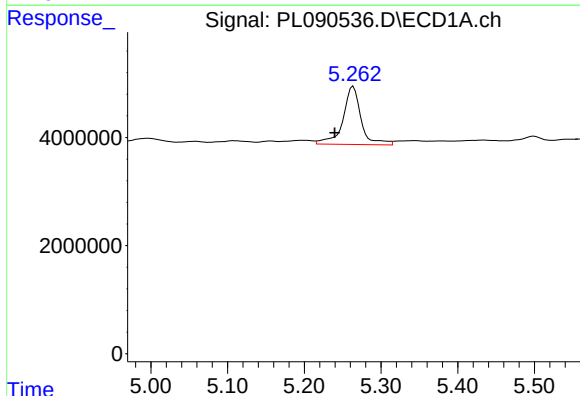
R.T.: 4.705 min  
Delta R.T.: -0.005 min  
Response: 4801809  
Conc: 54.22 ng/ml

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



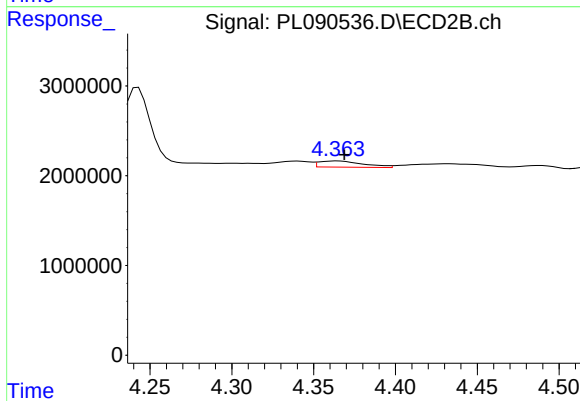
#23 Chlordane-1

R.T.: 3.788 min  
Delta R.T.: -0.003 min  
Response: 1562209  
Conc: 25.23 ng/ml



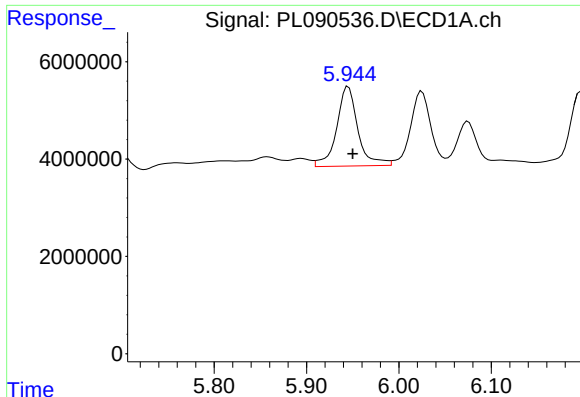
#24 Chlordane-2

R.T.: 5.264 min  
Delta R.T.: 0.024 min  
Response: 17665993  
Conc: 172.60 ng/ml



#24 Chlordane-2

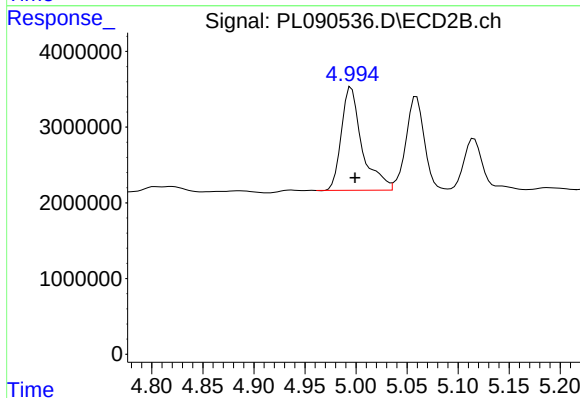
R.T.: 4.365 min  
Delta R.T.: -0.004 min  
Response: 1295947  
Conc: 17.09 ng/ml



#25 Chlordane-3

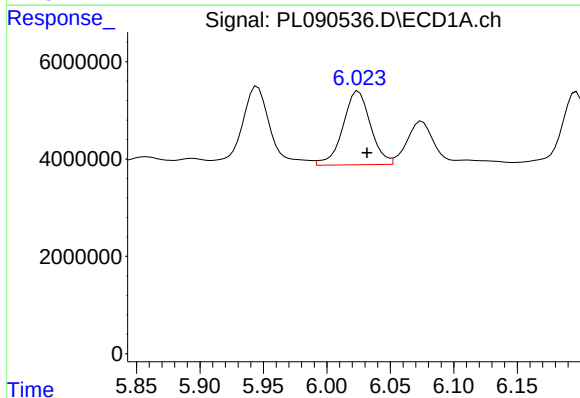
R.T.: 5.945 min  
Delta R.T.: -0.005 min  
Response: 26131710  
Conc: 78.94 ng/ml

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



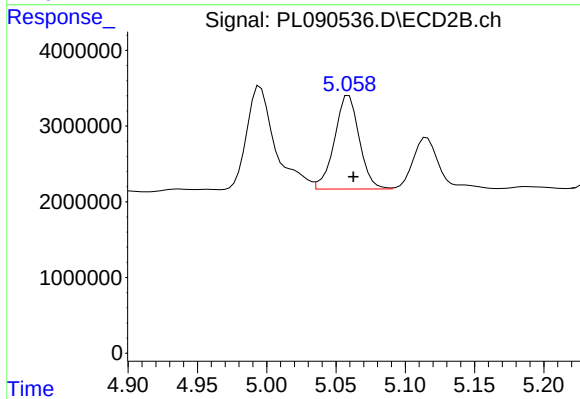
#25 Chlordane-3

R.T.: 4.995 min  
Delta R.T.: -0.004 min  
Response: 19323410  
Conc: 93.49 ng/ml



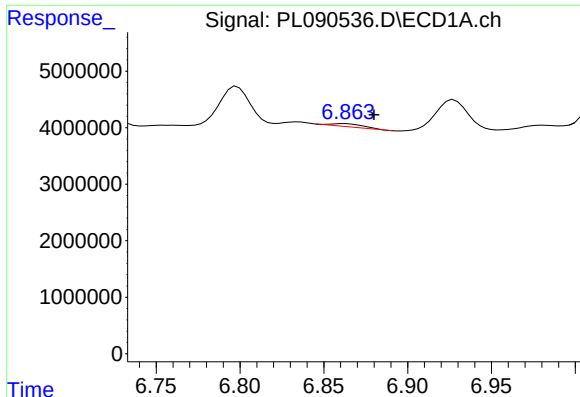
#26 Chlordane-4

R.T.: 6.025 min  
Delta R.T.: -0.007 min  
Response: 22916906  
Conc: 57.54 ng/ml



#26 Chlordane-4

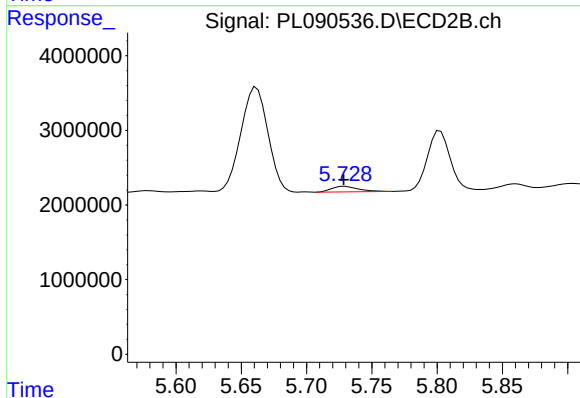
R.T.: 5.059 min  
Delta R.T.: -0.003 min  
Response: 15438241  
Conc: 78.89 ng/ml



#27 Chlordane-5

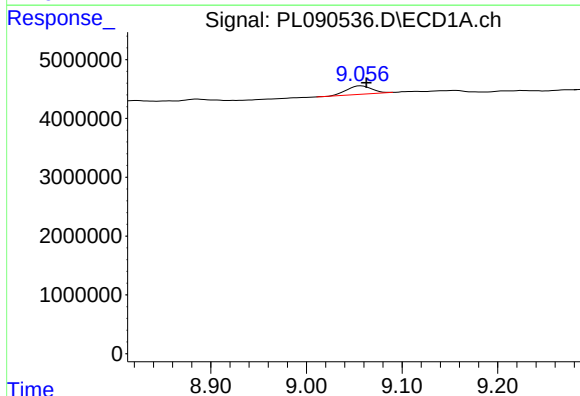
R.T.: 6.862 min  
Delta R.T.: -0.018 min  
Response: 533638  
Conc: 7.71 ng/ml

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



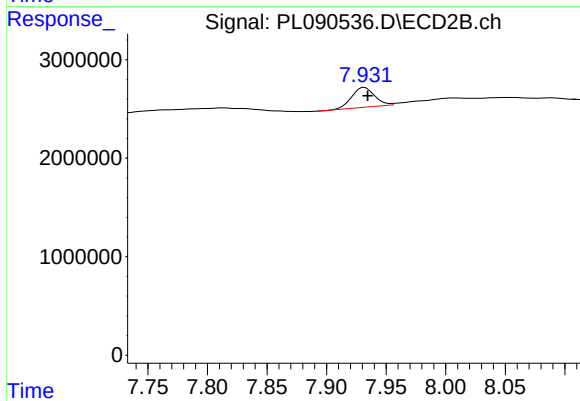
#27 Chlordane-5

R.T.: 5.729 min  
Delta R.T.: 0.000 min  
Response: 1031892  
Conc: 17.12 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.057 min  
Delta R.T.: -0.006 min  
Response: 2612247  
Conc: 1.97 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.932 min  
Delta R.T.: -0.003 min  
Response: 2668795  
Conc: 1.83 ng/ml