

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL030725\  
 Data File : PL094549.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 07 Mar 2025 14:56  
 Operator : AR\AJ  
 Sample : 1507-01MS  
 Misc :  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 50-MIDDLESEX-AVEMS

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Mar 07 23:57:46 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL022125.M  
 Quant Title : GC Extractables  
 QLast Update : Fri Feb 21 14:52:19 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... | 3.537  | 2.771 | 67588769 | 47749518 | 26.619   | 14.963 #   |
| 28)                         | SA Decachlor... | 9.053  | 7.907 | 28320021 | 42152812 | 13.313   | 10.961     |
| Target Compounds            |                 |        |       |          |          |          |            |
| 2)                          | A alpha-BHC     | 3.993  | 3.273 | 167.6E6  | 203.2E6  | 44.305   | 41.351     |
| 3)                          | MA gamma-BHC... | 4.326  | 3.603 | 153.0E6  | 190.3E6  | 41.407   | 40.408     |
| 4)                          | MA Heptachlor   | 4.914  | 3.942 | 143.5E6  | 199.7E6  | 42.329   | 42.300     |
| 5)                          | MB Aldrin       | 5.255  | 4.221 | 168.9E6  | 231.5E6  | 49.227   | 50.111     |
| 6)                          | B beta-BHC      | 4.525  | 3.905 | 69542888 | 115.3E6  | 43.549   | 57.984 #   |
| 7)                          | B delta-BHC     | 4.771  | 4.133 | 152.2E6  | 195.3E6  | 43.029   | 41.239     |
| 8)                          | B Heptachlo...  | 5.681  | 4.724 | 193.7E6  | 175.6E6  | 64.283   | 41.269 #   |
| 9)                          | A Endosulfan I  | 6.068  | 5.094 | 112.5E6  | 133.9E6  | 40.925   | 33.588     |
| 10)                         | B gamma-Chl...  | 5.939  | 4.973 | 175.4E6  | 272.2E6  | 59.752   | 62.732     |
| 11)                         | B alpha-Chl...  | 6.018  | 5.037 | 141.2E6  | 212.0E6  | 48.755   | 49.097     |
| 12)                         | B 4,4'-DDE      | 6.191  | 5.226 | 149.3E6  | 163.8E6  | 57.179   | 39.011 #   |
| 13)                         | MA Dieldrin     | 6.343  | 5.358 | 140.6E6  | 322.6E6  | 49.348   | 73.627 #   |
| 14)                         | MA Endrin       | 6.573  | 5.634 | 175.9E6  | 96460088 | 68.904   | 28.331 #   |
| 15)                         | B Endosulfa...  | 6.793  | 5.927 | 96330982 | 192.6E6  | 38.268   | 51.503 #   |
| 16)                         | A 4,4'-DDD      | 6.713  | 5.781 | 165.7E6  | 135.9E6  | 89.607   | 42.666 #   |
| 17)                         | MA 4,4'-DDT     | 7.023  | 6.029 | 111.5E6  | 320.7E6  | 53.115   | 90.146 #   |
| 18)                         | B Endrin al...  | 6.925  | 6.108 | 92565371 | 141.2E6  | 47.548   | 44.688     |
| 19)                         | B Endosulfa...  | 7.158  | 6.331 | 107.4E6  | 209.8E6  | 47.455   | 56.790     |
| 20)                         | A Methoxychlor  | 7.500  | 6.606 | 41846518 | 60596065 | 37.664   | 31.059     |
| 21)                         | B Endrin ke...  | 7.644  | 6.836 | 123.8E6  | 154.6E6  | 49.393   | 36.228 #   |
| 22)                         | Mirex           | 8.117  | 7.016 | 69921029 | 115.5E6  | 33.888   | 33.113     |
| 23)                         | Chlordane-1     | 4.697  | 3.768 | 538275   | 888343   | 4.304    | 6.541 #    |
| 24)                         | Chlordane-2     | 5.255f | 4.350 | 168.9E6  | 891796   | 1347.076 | 5.656 #    |
| 25)                         | Chlordane-3     | 5.939  | 4.973 | 175.4E6  | 272.2E6  | 400.676  | 572.929 #  |
| 26)                         | Chlordane-4     | 6.018  | 5.037 | 141.2E6  | 212.0E6  | 266.492  | 450.975 #  |
| 27)                         | Chlordane-5     | 0.000  | 5.927 | 0        | 192.6E6  | N.D.     | 1176.333 # |
| -----                       |                 |        |       |          |          |          |            |

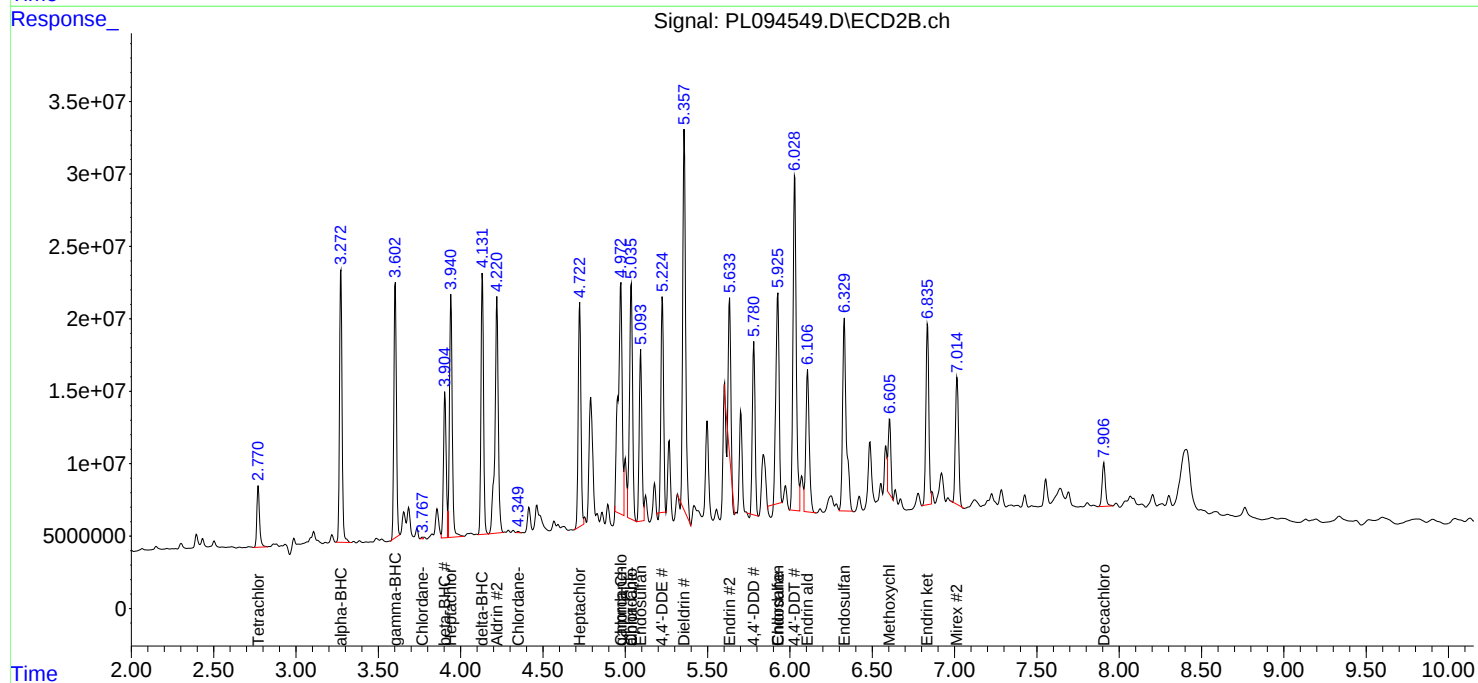
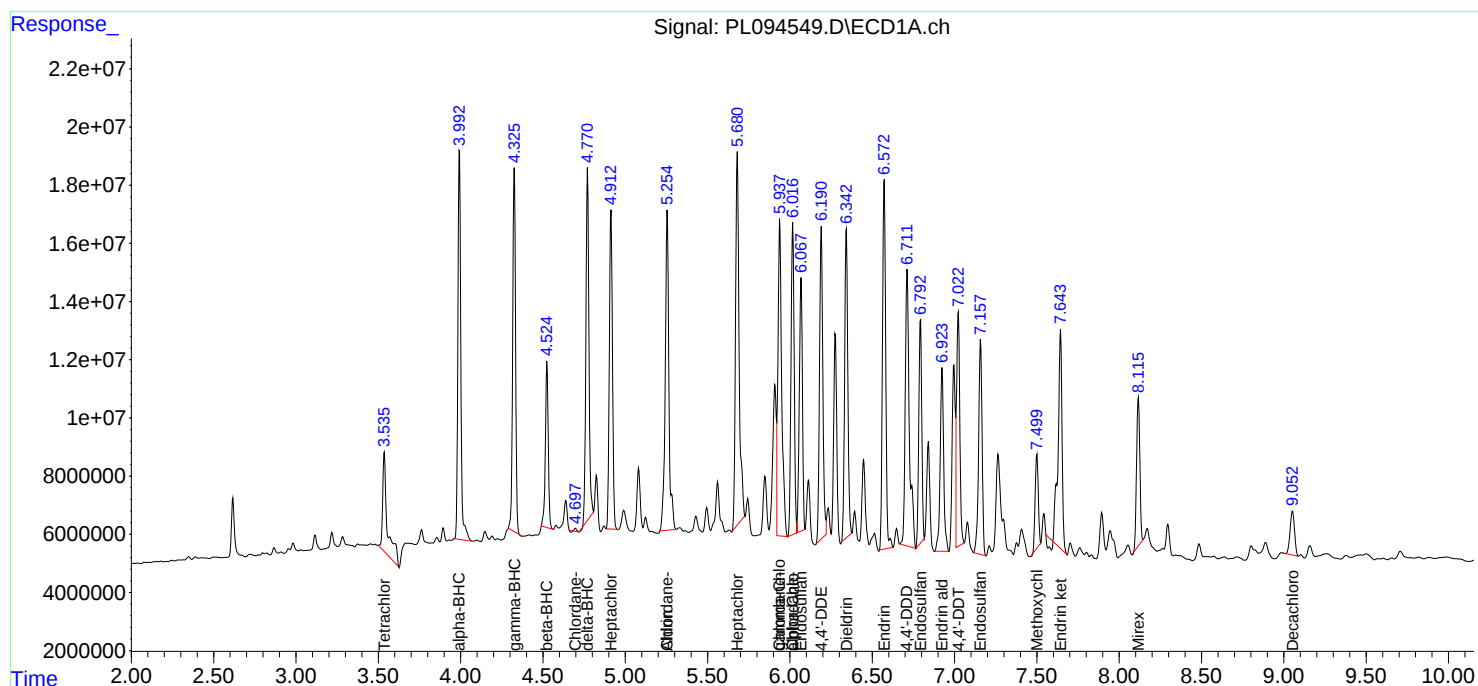
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

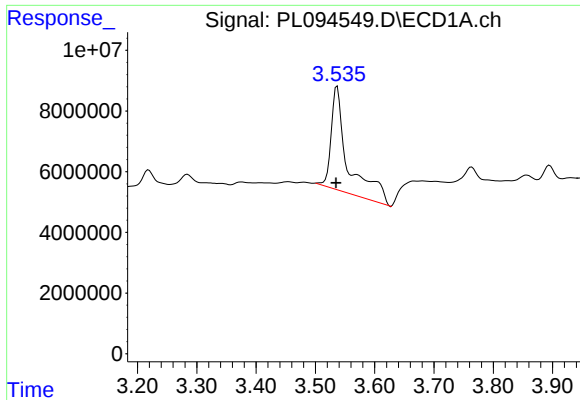
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL030725\  
Data File : PL094549.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 07 Mar 2025 14:56  
Operator : AR\AJ  
Sample : 1507-01MS  
Misc :  
ALS Vial : 10 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :  
50-MIDDLESEX-AVEMS

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Mar 07 23:57:46 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL022125.M  
Quant Title : GC Extractables  
QLast Update : Fri Feb 21 14:52:19 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

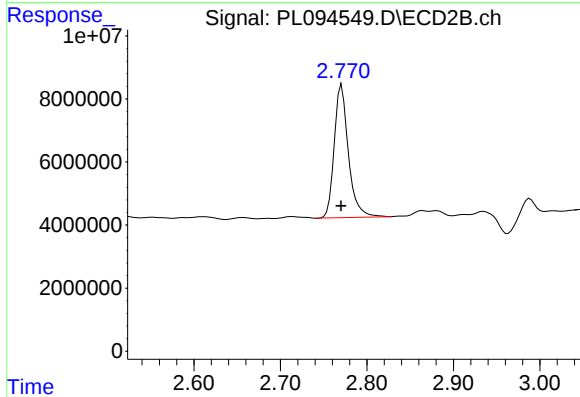




#1 Tetrachloro-m-xylene

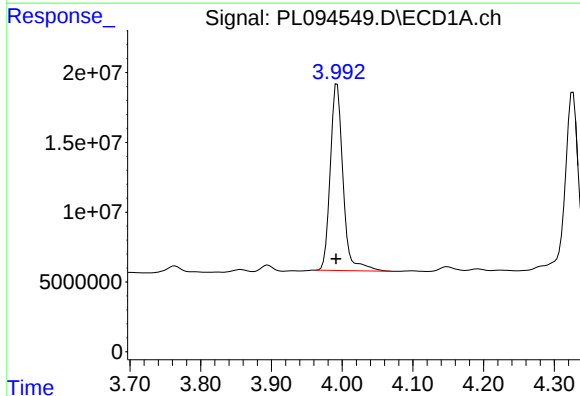
R.T.: 3.537 min  
Delta R.T.: 0.002 min  
Response: 67588769  
Conc: 26.62 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
50-MIDDLESEX-AVEMS



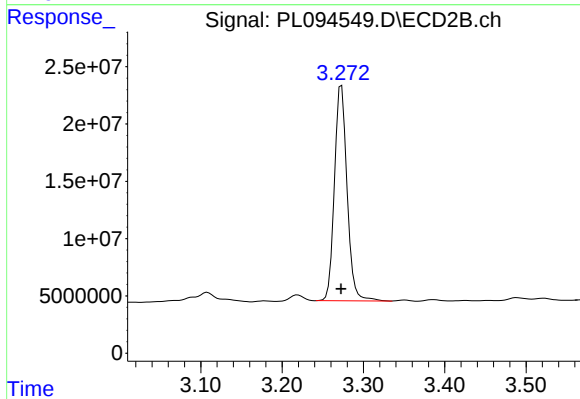
#1 Tetrachloro-m-xylene

R.T.: 2.771 min  
Delta R.T.: 0.000 min  
Response: 47749518  
Conc: 14.96 ng/ml



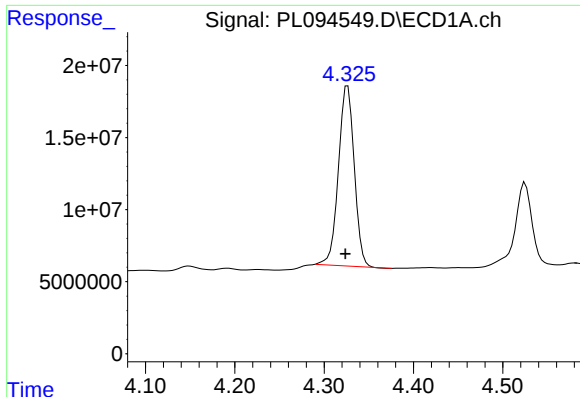
#2 alpha-BHC

R.T.: 3.993 min  
Delta R.T.: 0.002 min  
Response: 167589714  
Conc: 44.30 ng/ml



#2 alpha-BHC

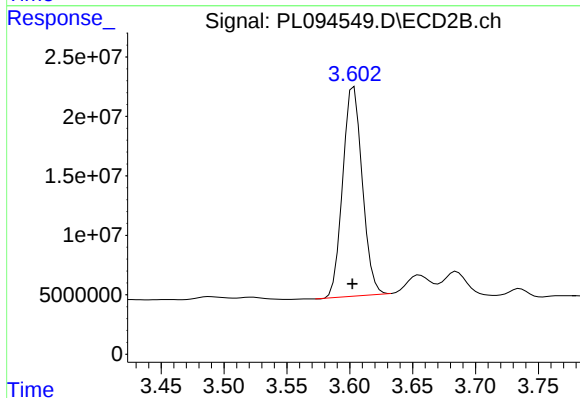
R.T.: 3.273 min  
Delta R.T.: 0.000 min  
Response: 203229546  
Conc: 41.35 ng/ml



#3 gamma-BHC (Lindane)

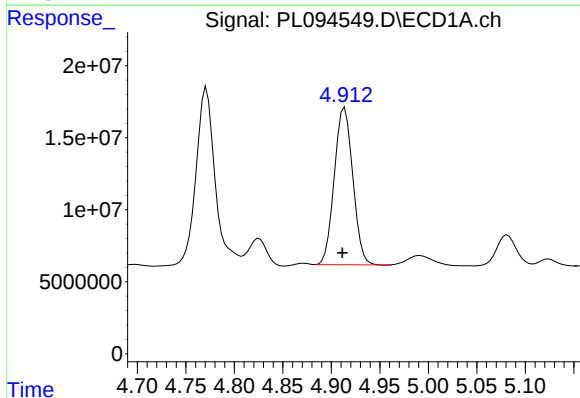
R.T.: 4.326 min  
Delta R.T.: 0.003 min  
Response: 152989597  
Conc: 41.41 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
50-MIDDLESEX-AVEMS



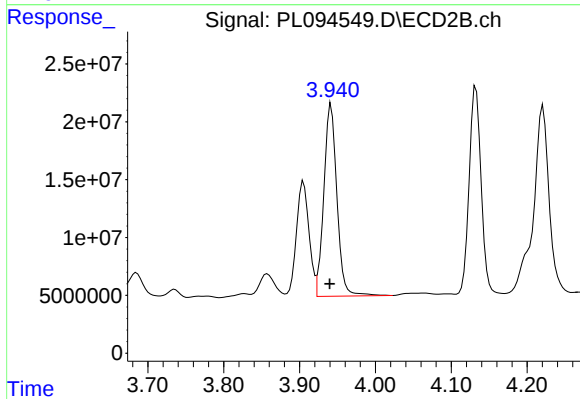
#3 gamma-BHC (Lindane)

R.T.: 3.603 min  
Delta R.T.: 0.001 min  
Response: 190317625  
Conc: 40.41 ng/ml



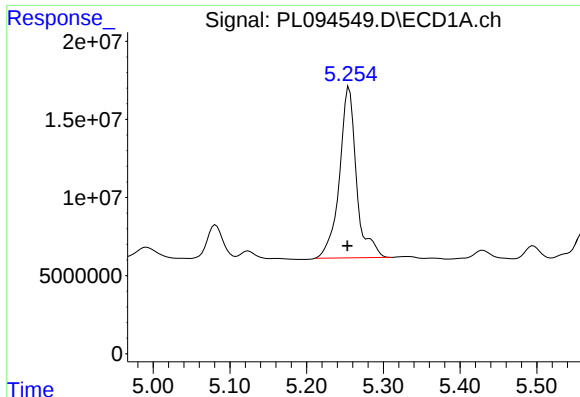
#4 Heptachlor

R.T.: 4.914 min  
Delta R.T.: 0.002 min  
Response: 143511615  
Conc: 42.33 ng/ml



#4 Heptachlor

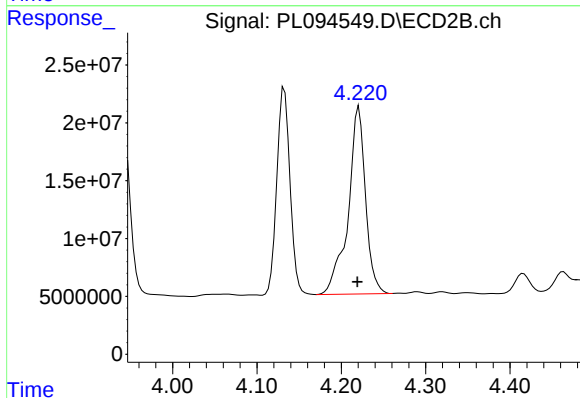
R.T.: 3.942 min  
Delta R.T.: 0.002 min  
Response: 199668661  
Conc: 42.30 ng/ml



#5 Aldrin

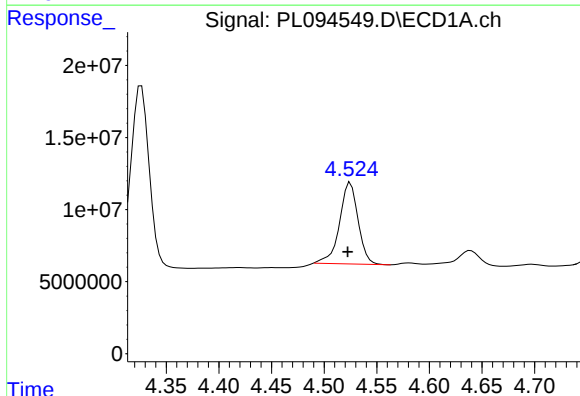
R.T.: 5.255 min  
Delta R.T.: 0.002 min  
Response: 168935496  
Conc: 49.23 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
50-MIDDLESEX-AVEMS



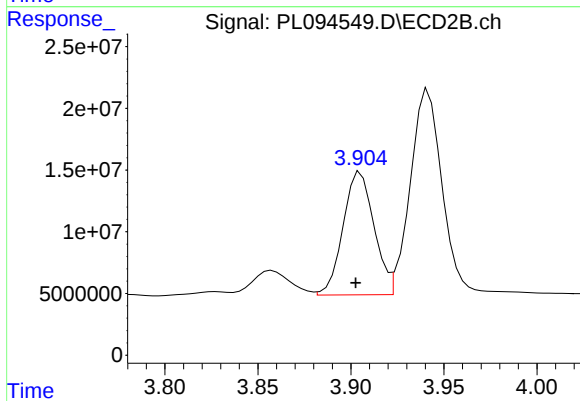
#5 Aldrin

R.T.: 4.221 min  
Delta R.T.: 0.002 min  
Response: 231529623  
Conc: 50.11 ng/ml



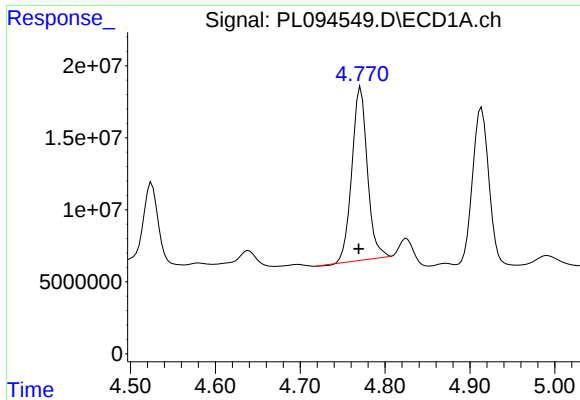
#6 beta-BHC

R.T.: 4.525 min  
Delta R.T.: 0.003 min  
Response: 69542888  
Conc: 43.55 ng/ml



#6 beta-BHC

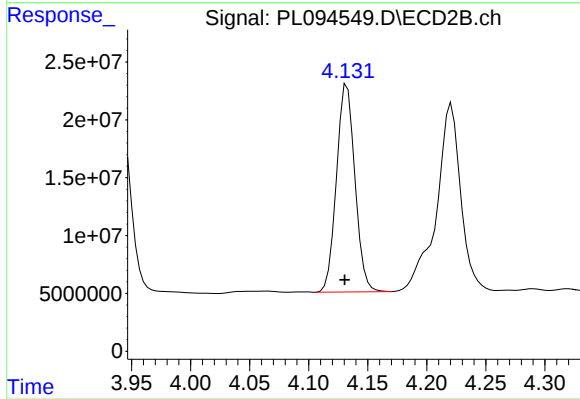
R.T.: 3.905 min  
Delta R.T.: 0.003 min  
Response: 115325858  
Conc: 57.98 ng/ml



#7 delta-BHC

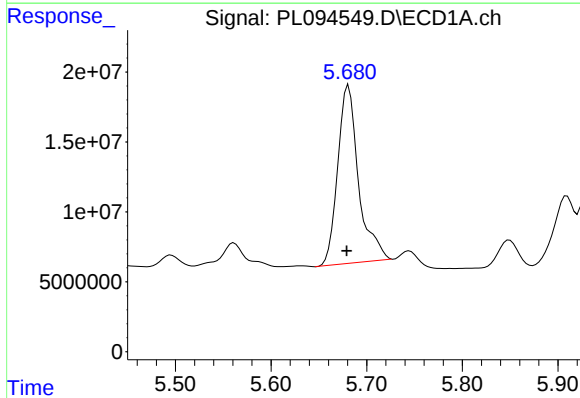
R.T.: 4.771 min  
Delta R.T.: 0.002 min  
Response: 152249166  
Conc: 43.03 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
50-MIDDLESEX-AVEMS



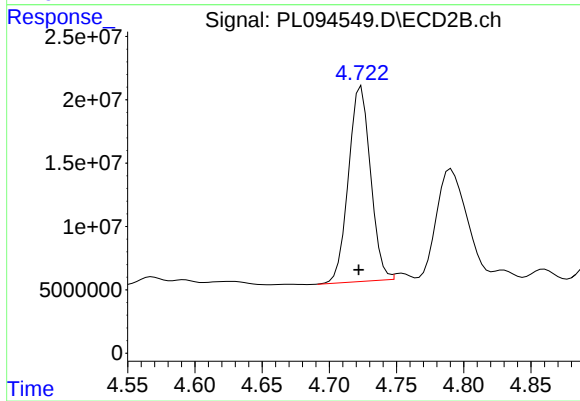
#7 delta-BHC

R.T.: 4.133 min  
Delta R.T.: 0.002 min  
Response: 195295169  
Conc: 41.24 ng/ml



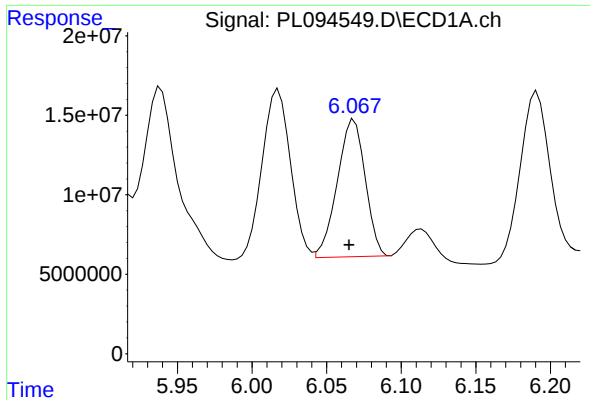
#8 Heptachlor epoxide

R.T.: 5.681 min  
Delta R.T.: 0.002 min  
Response: 193708688  
Conc: 64.28 ng/ml



#8 Heptachlor epoxide

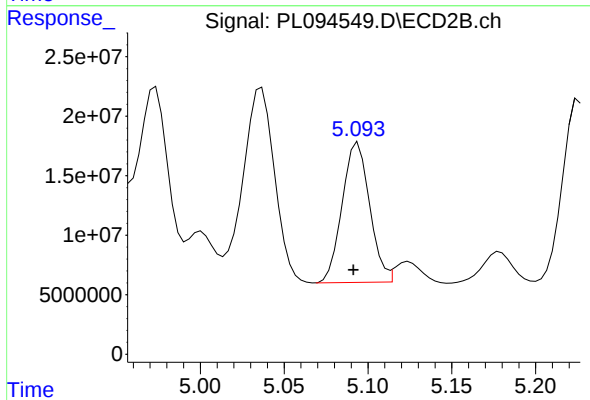
R.T.: 4.724 min  
Delta R.T.: 0.002 min  
Response: 175613586  
Conc: 41.27 ng/ml



#9 Endosulfan I

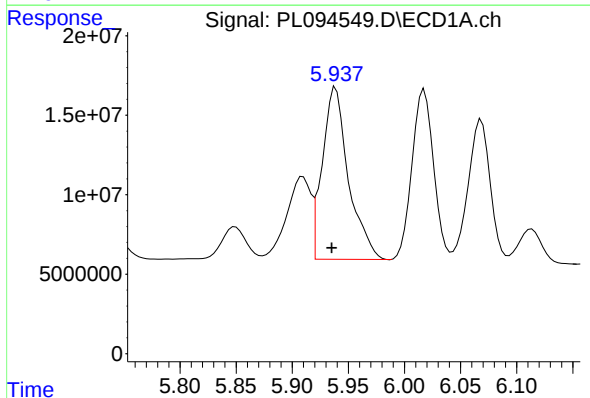
R.T.: 6.068 min  
Delta R.T.: 0.003 min  
Response: 112487868  
Conc: 40.93 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
50-MIDDLESEX-AVEMS



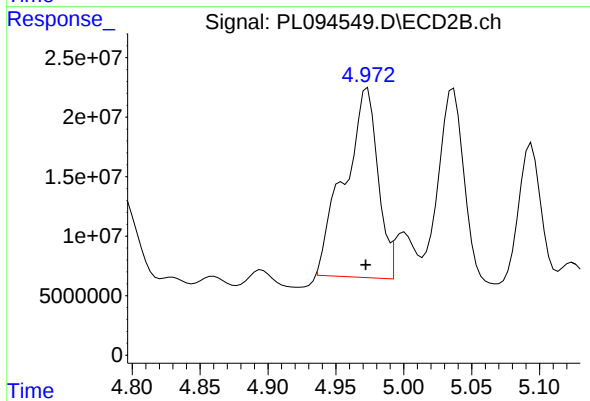
#9 Endosulfan I

R.T.: 5.094 min  
Delta R.T.: 0.003 min  
Response: 133902098  
Conc: 33.59 ng/ml



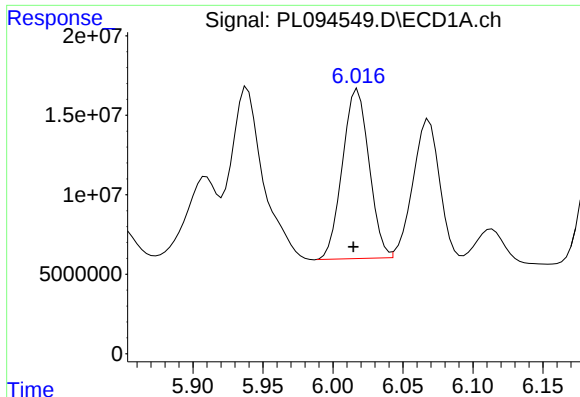
#10 gamma-Chlordane

R.T.: 5.939 min  
Delta R.T.: 0.003 min  
Response: 175438688  
Conc: 59.75 ng/ml



#10 gamma-Chlordane

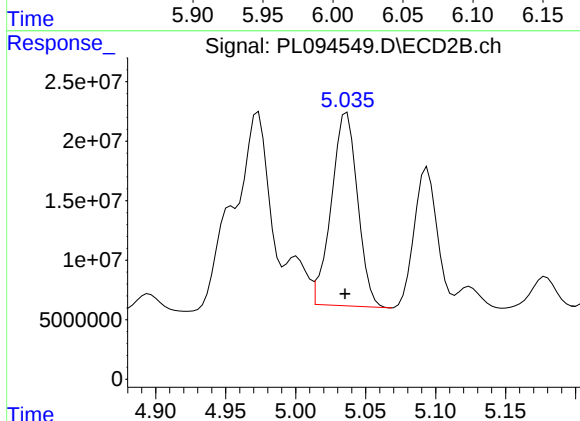
R.T.: 4.973 min  
Delta R.T.: 0.001 min  
Response: 272184319  
Conc: 62.73 ng/ml



#11 alpha-Chlordane

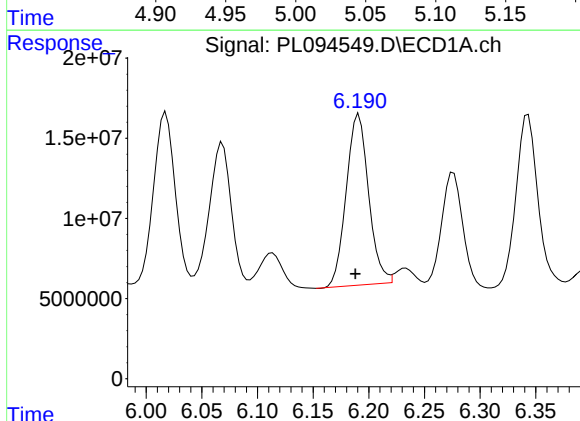
R.T.: 6.018 min  
Delta R.T.: 0.003 min  
Response: 141248587  
Conc: 48.76 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
50-MIDDLESEX-AVEMS



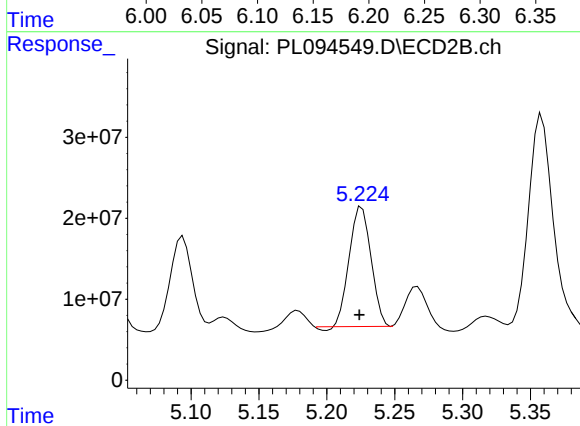
#11 alpha-Chlordane

R.T.: 5.037 min  
Delta R.T.: 0.001 min  
Response: 211983467  
Conc: 49.10 ng/ml



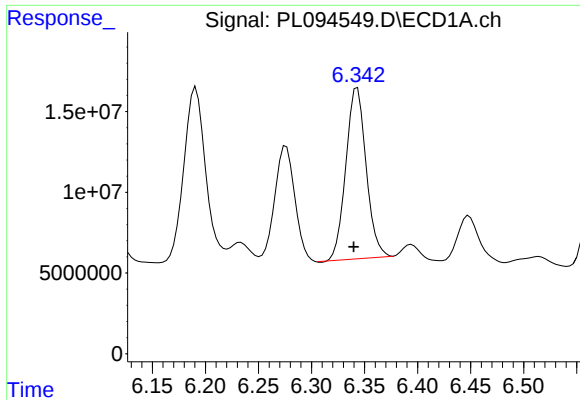
#12 4,4'-DDE

R.T.: 6.191 min  
Delta R.T.: 0.003 min  
Response: 149336505  
Conc: 57.18 ng/ml



#12 4,4'-DDE

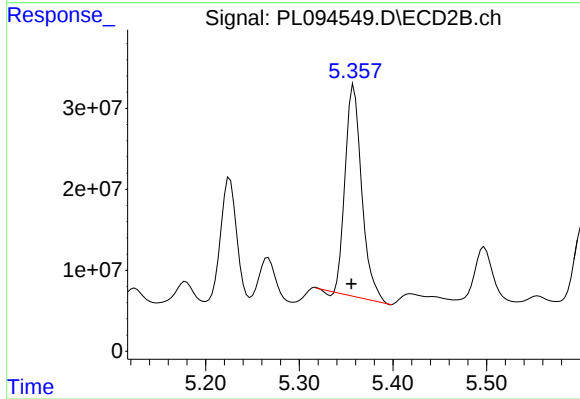
R.T.: 5.226 min  
Delta R.T.: 0.002 min  
Response: 163845337  
Conc: 39.01 ng/ml



#13 Dieldrin

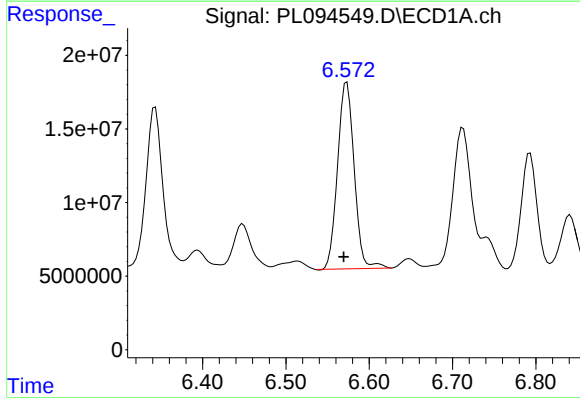
R.T.: 6.343 min  
Delta R.T.: 0.003 min  
Response: 140595122  
Conc: 49.35 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
50-MIDDLESEX-AVEMS



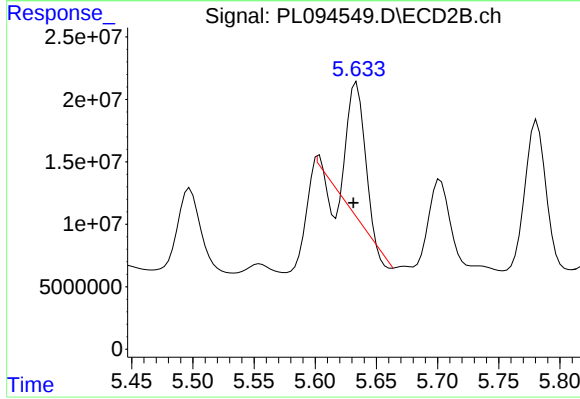
#13 Dieldrin

R.T.: 5.358 min  
Delta R.T.: 0.003 min  
Response: 322616033  
Conc: 73.63 ng/ml



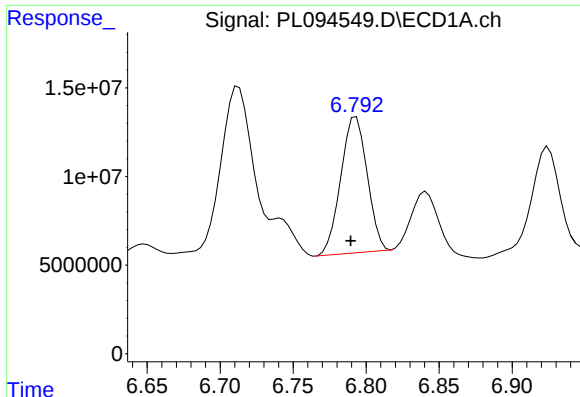
#14 Endrin

R.T.: 6.573 min  
Delta R.T.: 0.004 min  
Response: 175861594  
Conc: 68.90 ng/ml



#14 Endrin

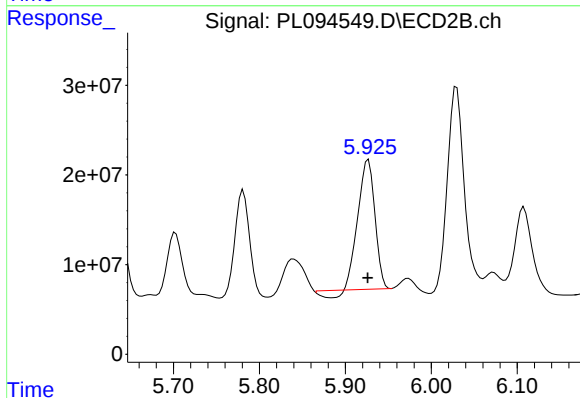
R.T.: 5.634 min  
Delta R.T.: 0.002 min  
Response: 96460088  
Conc: 28.33 ng/ml



#15 Endosulfan II

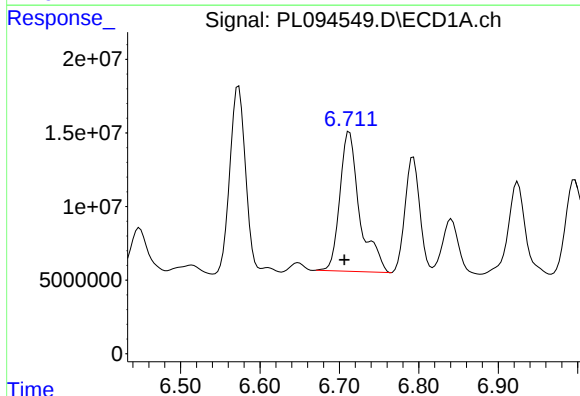
R.T.: 6.793 min  
Delta R.T.: 0.004 min  
Response: 96330982  
Conc: 38.27 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
50-MIDDLESEX-AVEMS



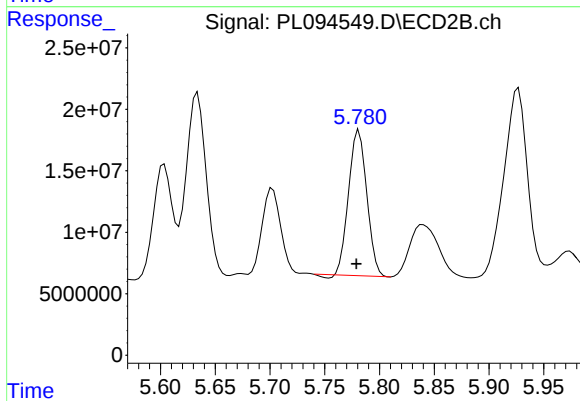
#15 Endosulfan II

R.T.: 5.927 min  
Delta R.T.: 0.000 min  
Response: 192596728  
Conc: 51.50 ng/ml



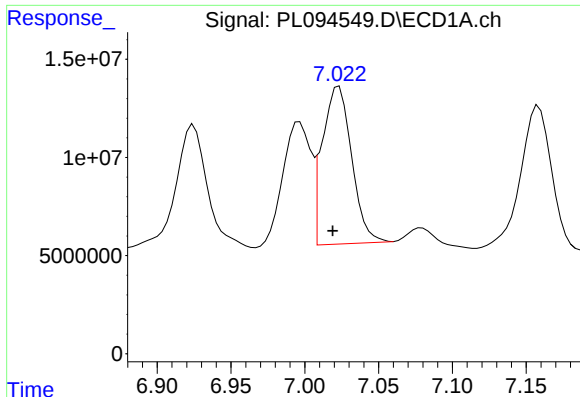
#16 4,4'-DDD

R.T.: 6.713 min  
Delta R.T.: 0.006 min  
Response: 165749971  
Conc: 89.61 ng/ml



#16 4,4'-DDD

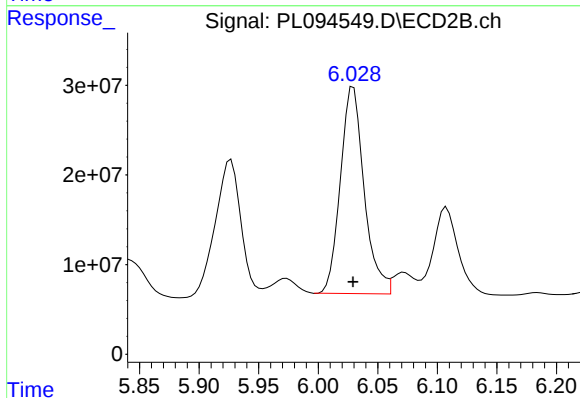
R.T.: 5.781 min  
Delta R.T.: 0.002 min  
Response: 135903582  
Conc: 42.67 ng/ml



#17 4,4'-DDT

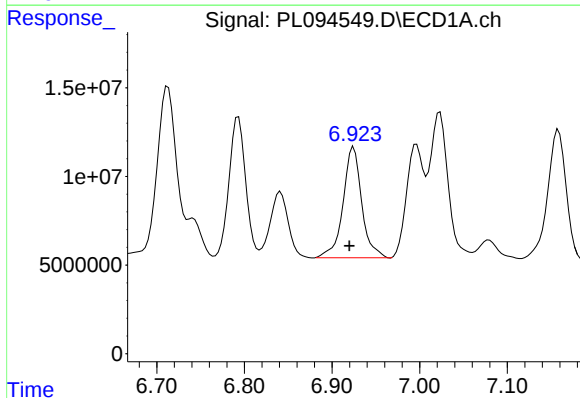
R.T.: 7.023 min  
Delta R.T.: 0.004 min  
Response: 111542038  
Conc: 53.11 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
50-MIDDLESEX-AVEMS



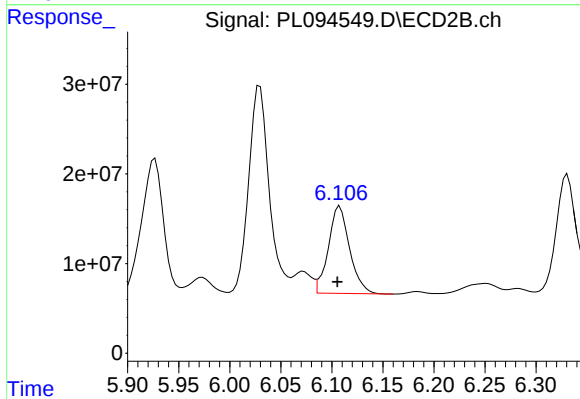
#17 4,4'-DDT

R.T.: 6.029 min  
Delta R.T.: 0.000 min  
Response: 320650881  
Conc: 90.15 ng/ml



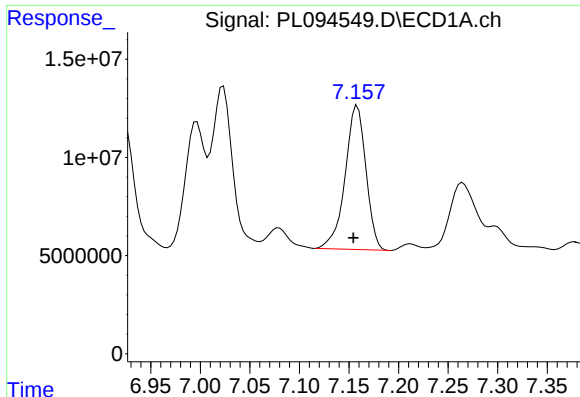
#18 Endrin aldehyde

R.T.: 6.925 min  
Delta R.T.: 0.005 min  
Response: 92565371  
Conc: 47.55 ng/ml



#18 Endrin aldehyde

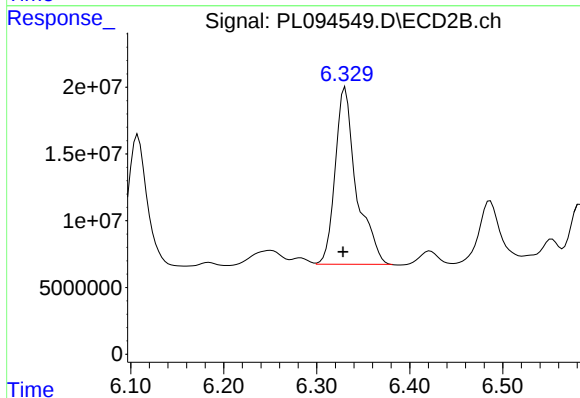
R.T.: 6.108 min  
Delta R.T.: 0.002 min  
Response: 141231959  
Conc: 44.69 ng/ml



#19 Endosulfan Sulfate

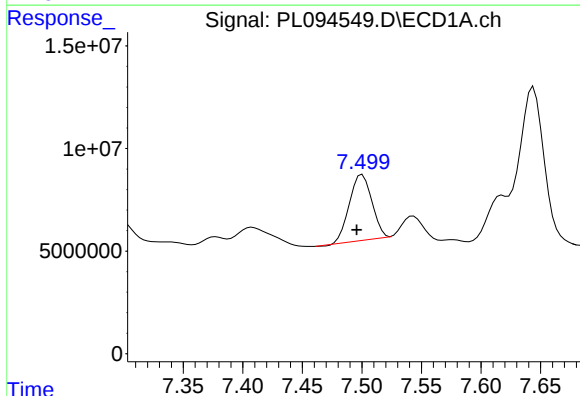
R.T.: 7.158 min  
Delta R.T.: 0.004 min  
Response: 107431509  
Conc: 47.46 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
50-MIDDLESEX-AVEMS



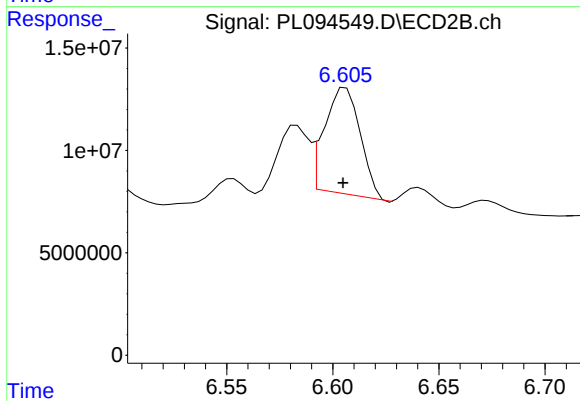
#19 Endosulfan Sulfate

R.T.: 6.331 min  
Delta R.T.: 0.002 min  
Response: 209762124  
Conc: 56.79 ng/ml



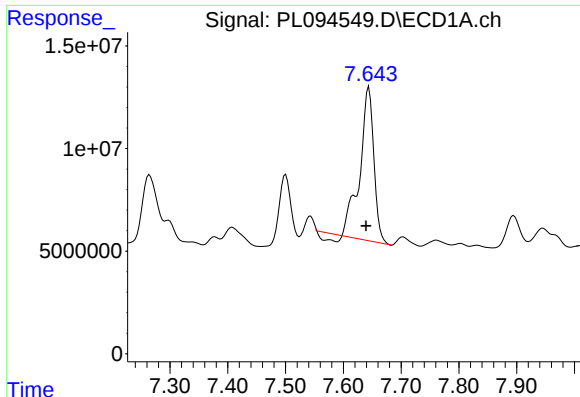
#20 Methoxychlor

R.T.: 7.500 min  
Delta R.T.: 0.005 min  
Response: 41846518  
Conc: 37.66 ng/ml



#20 Methoxychlor

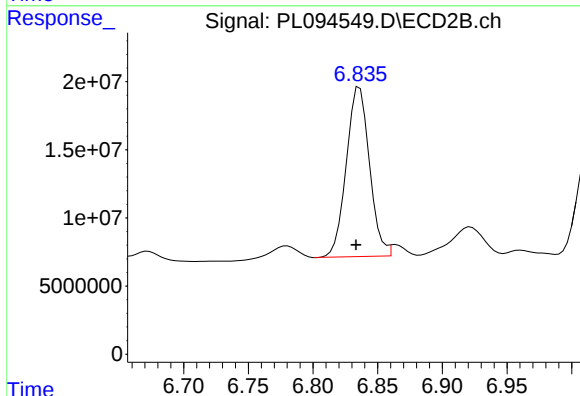
R.T.: 6.606 min  
Delta R.T.: 0.001 min  
Response: 60596065  
Conc: 31.06 ng/ml



#21 Endrin ketone

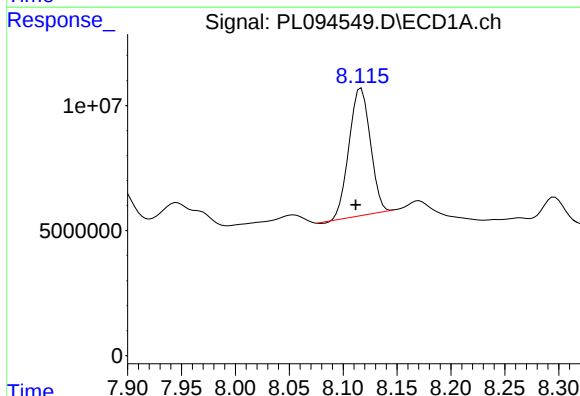
R.T.: 7.644 min  
Delta R.T.: 0.005 min  
Response: 123825128  
Conc: 49.39 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
50-MIDDLESEX-AVEMS



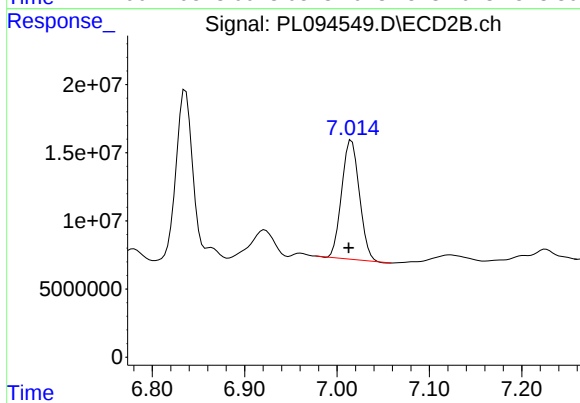
#21 Endrin ketone

R.T.: 6.836 min  
Delta R.T.: 0.003 min  
Response: 154605205  
Conc: 36.23 ng/ml



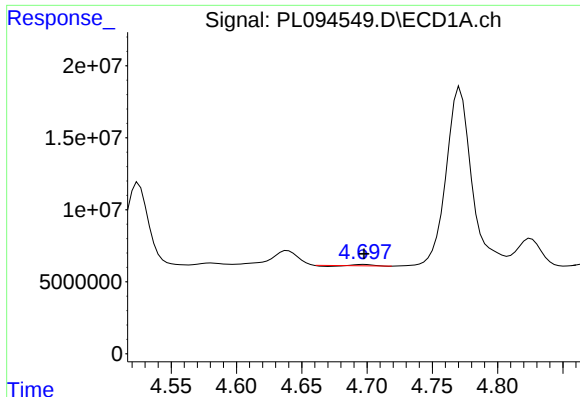
#22 Mirex

R.T.: 8.117 min  
Delta R.T.: 0.005 min  
Response: 69921029  
Conc: 33.89 ng/ml



#22 Mirex

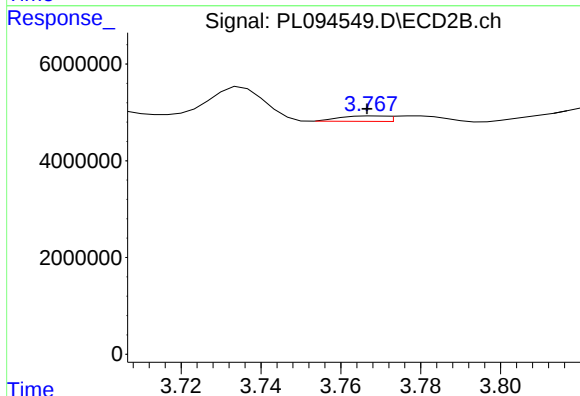
R.T.: 7.016 min  
Delta R.T.: 0.003 min  
Response: 115465742  
Conc: 33.11 ng/ml



#23 Chlordane-1

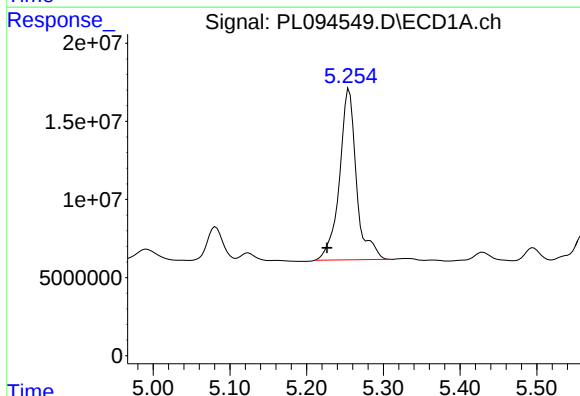
R.T.: 4.697 min  
Delta R.T.: 0.000 min  
Response: 538275  
Conc: 4.30 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
50-MIDDLESEX-AVEMS



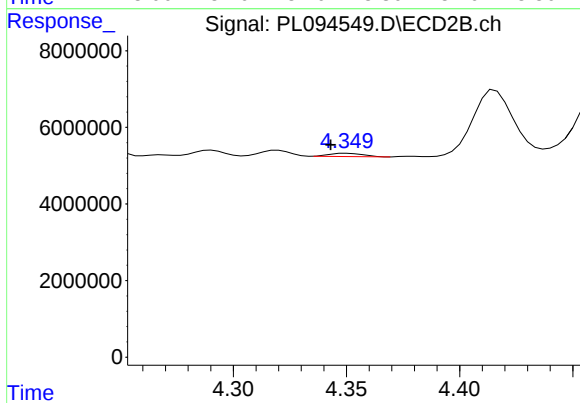
#23 Chlordane-1

R.T.: 3.768 min  
Delta R.T.: 0.002 min  
Response: 888343  
Conc: 6.54 ng/ml



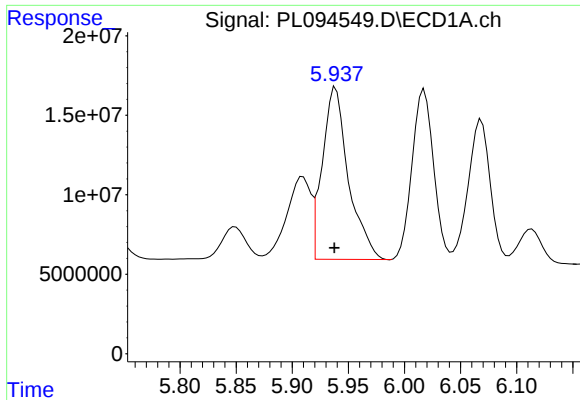
#24 Chlordane-2

R.T.: 5.255 min  
Delta R.T.: 0.029 min  
Response: 168935496  
Conc: 1347.08 ng/ml



#24 Chlordane-2

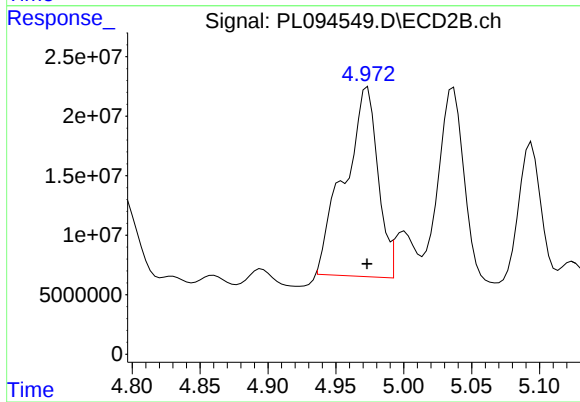
R.T.: 4.350 min  
Delta R.T.: 0.007 min  
Response: 891796  
Conc: 5.66 ng/ml



#25 Chlordane-3

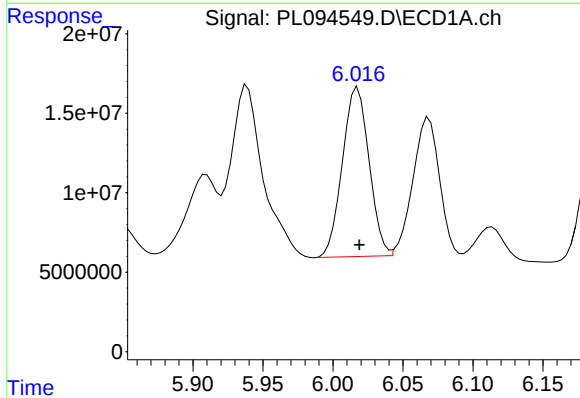
R.T.: 5.939 min  
Delta R.T.: 0.001 min  
Response: 175438688  
Conc: 400.68 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
50-MIDDLESEX-AVEMS



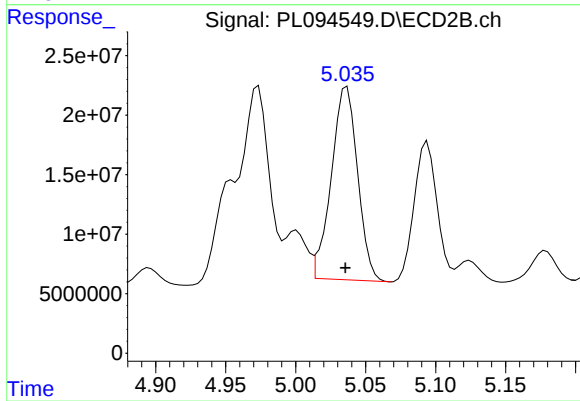
#25 Chlordane-3

R.T.: 4.973 min  
Delta R.T.: 0.000 min  
Response: 272184319  
Conc: 572.93 ng/ml



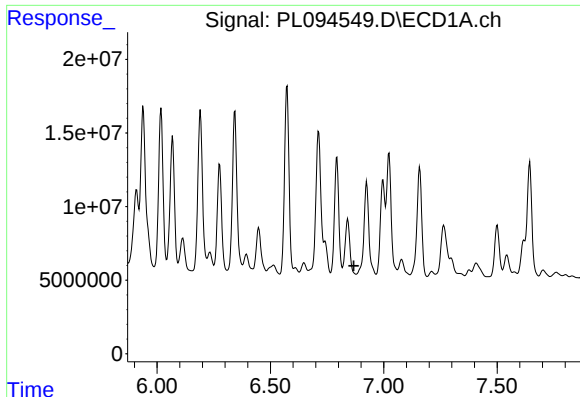
#26 Chlordane-4

R.T.: 6.018 min  
Delta R.T.: -0.001 min  
Response: 141248587  
Conc: 266.49 ng/ml



#26 Chlordane-4

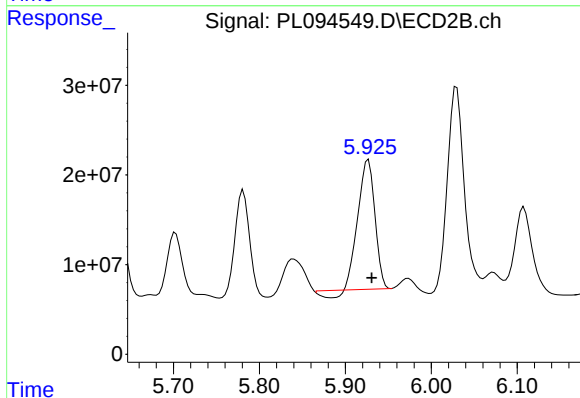
R.T.: 5.037 min  
Delta R.T.: 0.000 min  
Response: 211983467  
Conc: 450.97 ng/ml



#27 Chlordane-5

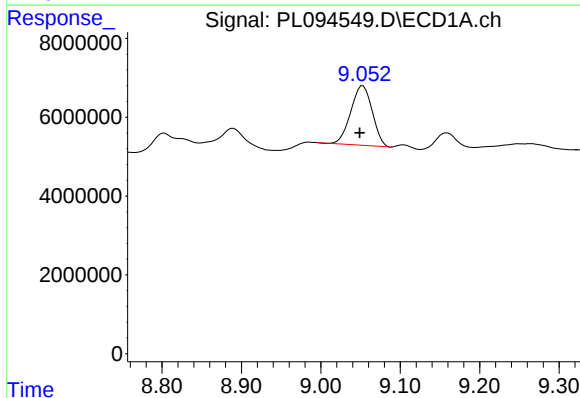
R.T.: 0.000 min  
Exp R.T.: 6.868 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :  
50-MIDDLESEX-AVEMS



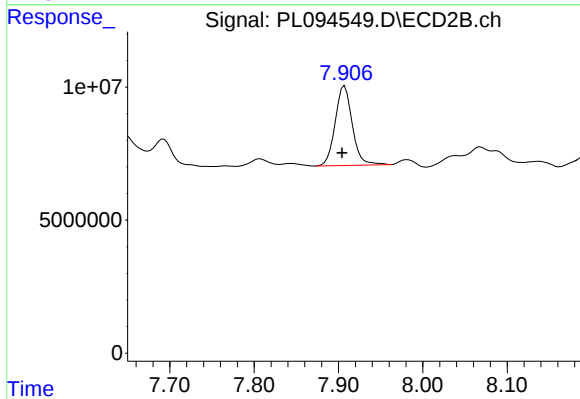
#27 Chlordane-5

R.T.: 5.927 min  
Delta R.T.: -0.004 min  
Response: 192596728  
Conc: 1176.33 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.053 min  
Delta R.T.: 0.004 min  
Response: 28320021  
Conc: 13.31 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.907 min  
Delta R.T.: 0.003 min  
Response: 42152812  
Conc: 10.96 ng/ml