

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL022025\  
 Data File : PL094322.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 20 Feb 2025 20:14  
 Operator : AR\AJ  
 Sample : PSTDCCC050  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 HEXANE

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Feb 21 01:43:45 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL012125.M  
 Quant Title : GC Extractables  
 QLast Update : Tue Jan 21 14:58:05 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  | 2.772 | 135.1E6  | 176.5E6  | 50.177   | 54.073     |
| 2)                          | SA Decachlor... | 9.053  | 7.907 | 110.4E6  | 205.4E6  | 52.756   | 58.612     |
| Target Compounds            |                 |        |       |          |          |          |            |
| 2)                          | A alpha-BHC     | 3.993  | 3.274 | 196.8E6  | 271.8E6  | 51.323   | 55.584     |
| 3)                          | MA gamma-BHC... | 4.326  | 3.604 | 190.2E6  | 262.7E6  | 51.636   | 55.403     |
| 4)                          | MA Heptachlor   | 4.913  | 3.942 | 169.9E6  | 252.2E6  | 51.830   | 54.180     |
| 5)                          | MB Aldrin       | 5.255  | 4.221 | 175.2E6  | 257.0E6  | 53.546   | 56.332     |
| 6)                          | B beta-BHC      | 4.524  | 3.904 | 82242737 | 109.3E6  | 51.167   | 54.726     |
| 7)                          | B delta-BHC     | 4.771  | 4.133 | 185.9E6  | 263.9E6  | 53.037   | 55.536     |
| 8)                          | B Heptachlo...  | 5.682  | 4.724 | 158.1E6  | 235.1E6  | 53.149   | 56.248     |
| 9)                          | A Endosulfan I  | 6.067  | 5.093 | 139.5E6  | 206.5E6  | 52.787   | 53.269     |
| 10)                         | B gamma-Chl...  | 5.938  | 4.974 | 150.3E6  | 239.5E6  | 53.918   | 56.524     |
| 11)                         | B alpha-Chl...  | 6.016  | 5.037 | 149.1E6  | 236.2E6  | 53.482   | 56.427     |
| 12)                         | B 4,4'-DDE      | 6.190  | 5.226 | 137.6E6  | 235.8E6  | 56.521   | 58.805     |
| 13)                         | MA Dieldrin     | 6.342  | 5.358 | 147.5E6  | 240.6E6  | 53.126   | 56.005     |
| 14)                         | MA Endrin       | 6.572  | 5.633 | 117.5E6  | 191.1E6  | 50.116   | 51.754     |
| 15)                         | B Endosulfa...  | 6.792  | 5.928 | 125.0E6  | 209.4E6  | 51.867   | 56.538     |
| 16)                         | A 4,4'-DDD      | 6.708  | 5.781 | 110.6E6  | 198.4E6  | 58.179   | 62.847     |
| 17)                         | MA 4,4'-DDT     | 7.021  | 6.031 | 99392719 | 174.6E6  | 50.401   | 53.650     |
| 18)                         | B Endrin al...  | 6.922  | 6.108 | 102.9E6  | 173.0E6  | 52.922   | 56.821     |
| 19)                         | B Endosulfa...  | 7.157  | 6.331 | 116.1E6  | 201.8E6  | 51.301   | 56.585     |
| 20)                         | A Methoxychlor  | 7.498  | 6.607 | 53112022 | 95364507 | 50.903   | 53.332     |
| 21)                         | B Endrin ke...  | 7.642  | 6.836 | 135.8E6  | 249.2E6  | 53.818   | 59.404     |
| 22)                         | Mirex           | 8.115  | 7.015 | 105.4E6  | 191.5E6  | 50.626   | 56.638     |
| 23)                         | Chlordane-1     | 0.000  | 3.769 | 0        | 163617   | N.D.     | 1.311 #    |
| 24)                         | Chlordane-2     | 5.255f | 4.362 | 175.2E6  | 6970625  | 1496.413 | 47.509 #   |
| 25)                         | Chlordane-3     | 5.938  | 4.974 | 150.3E6  | 239.5E6  | 383.134  | 550.865 #  |
| 26)                         | Chlordane-4     | 6.016  | 5.037 | 149.1E6  | 236.2E6  | 317.222  | 557.590 #  |
| 27)                         | Chlordane-5     | 0.000  | 5.928 | 0        | 209.4E6  | N.D.     | 1367.216 # |
| -----                       |                 |        |       |          |          |          |            |

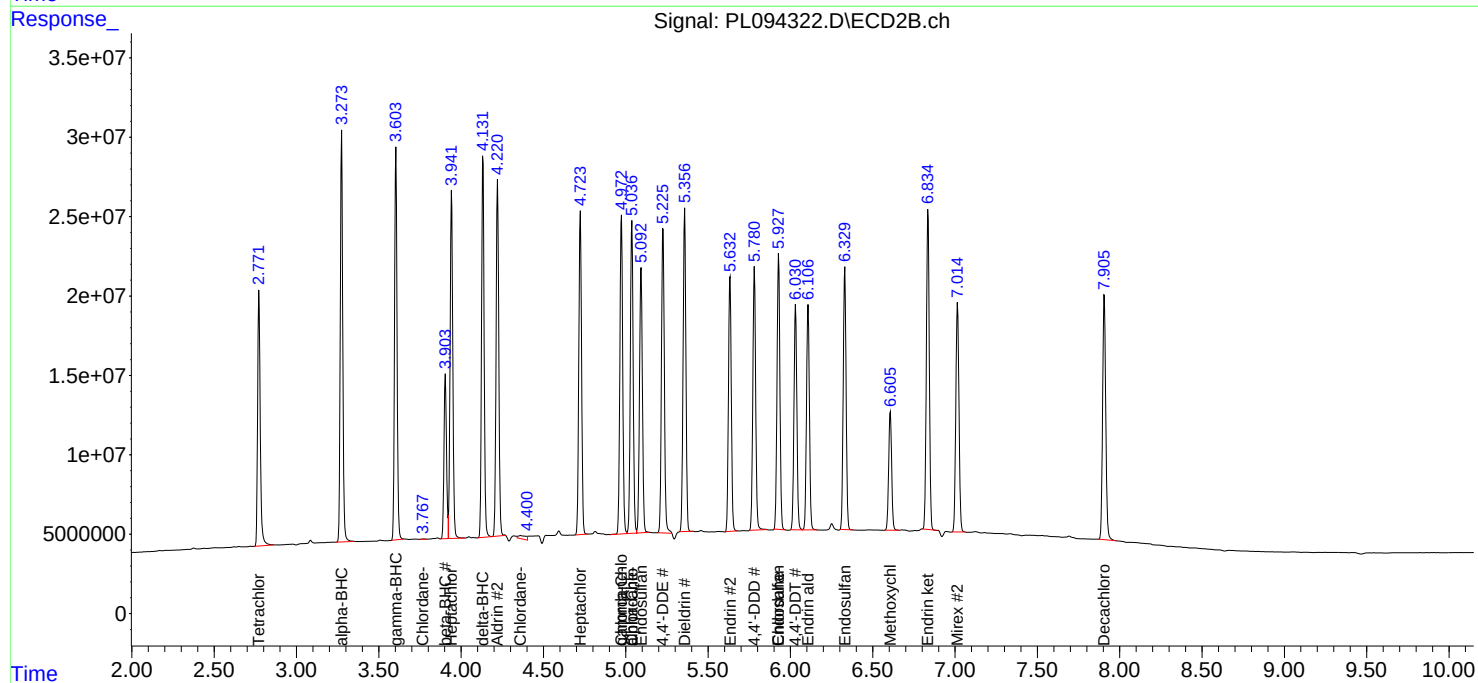
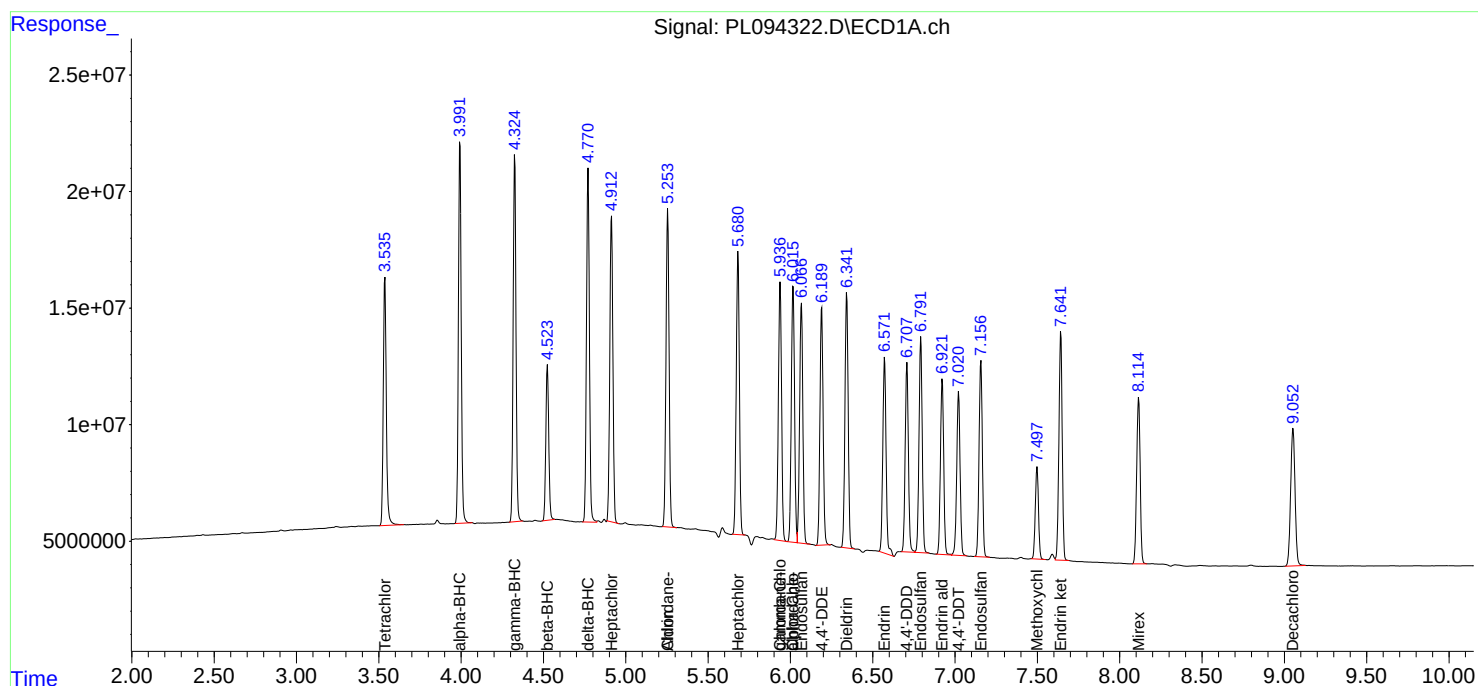
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

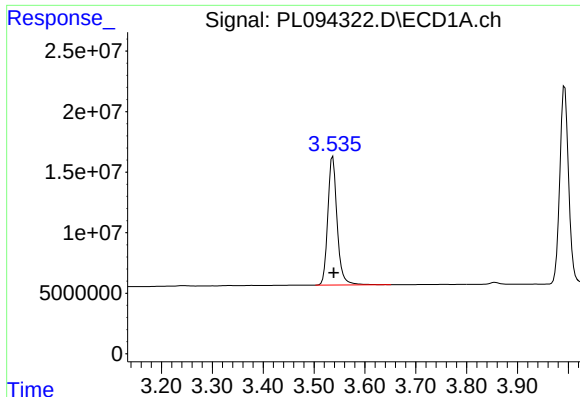
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL022025\  
Data File : PL094322.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 20 Feb 2025 20:14  
Operator : AR\AJ  
Sample : PSTDCCC050  
Misc :  
ALS Vial : 4 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :  
HEXANE

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Feb 21 01:43:45 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL012125.M  
Quant Title : GC Extractables  
QLast Update : Tue Jan 21 14:58:05 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

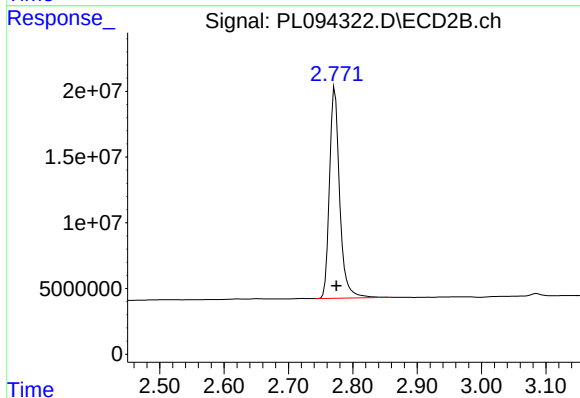




#1 Tetrachloro-m-xylene

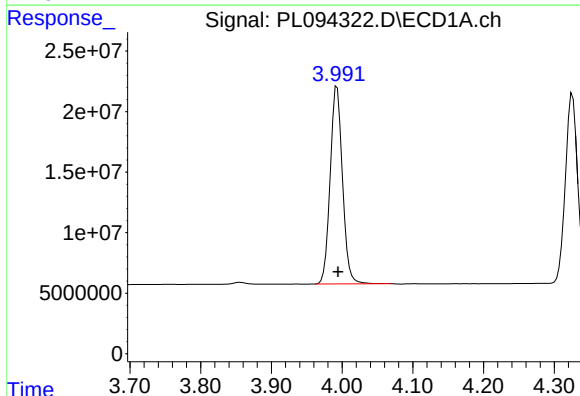
R.T.: 3.537 min  
Delta R.T.: -0.002 min  
Response: 135113815  
Conc: 50.18 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
HEXANE



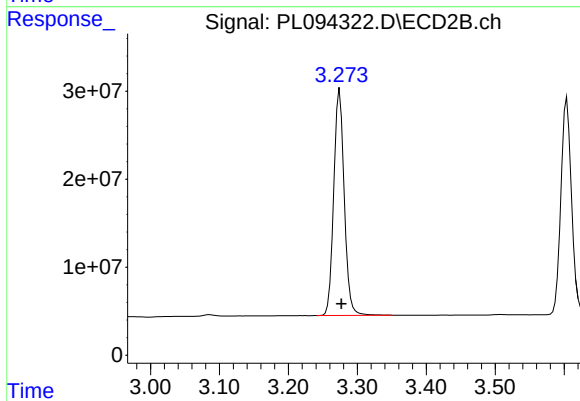
#1 Tetrachloro-m-xylene

R.T.: 2.772 min  
Delta R.T.: -0.002 min  
Response: 176502764  
Conc: 54.07 ng/ml



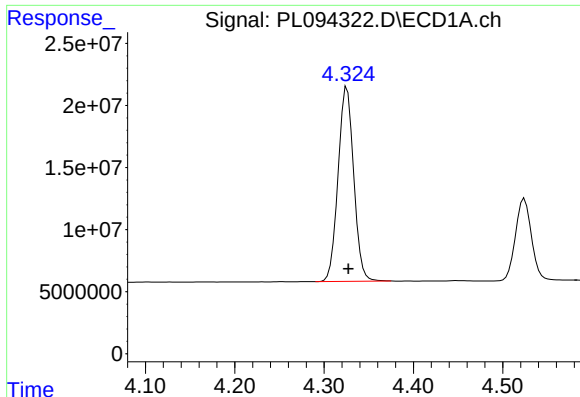
#2 alpha-BHC

R.T.: 3.993 min  
Delta R.T.: -0.002 min  
Response: 196765103  
Conc: 51.32 ng/ml



#2 alpha-BHC

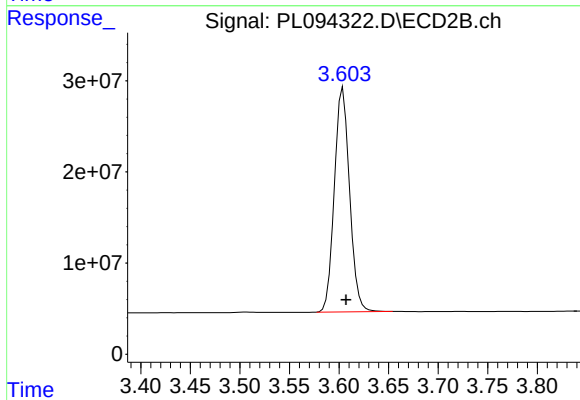
R.T.: 3.274 min  
Delta R.T.: -0.002 min  
Response: 271750977  
Conc: 55.58 ng/ml



#3 gamma-BHC (Lindane)

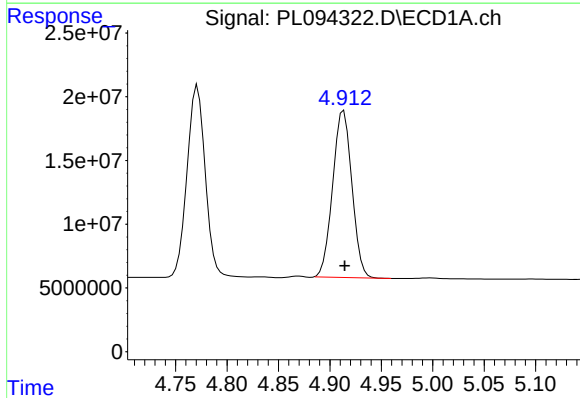
R.T.: 4.326 min  
Delta R.T.: -0.001 min  
Response: 190166189  
Conc: 51.64 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
HEXANE



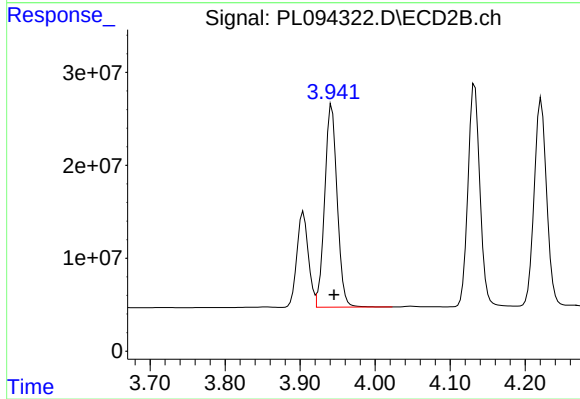
#3 gamma-BHC (Lindane)

R.T.: 3.604 min  
Delta R.T.: -0.003 min  
Response: 262678864  
Conc: 55.40 ng/ml



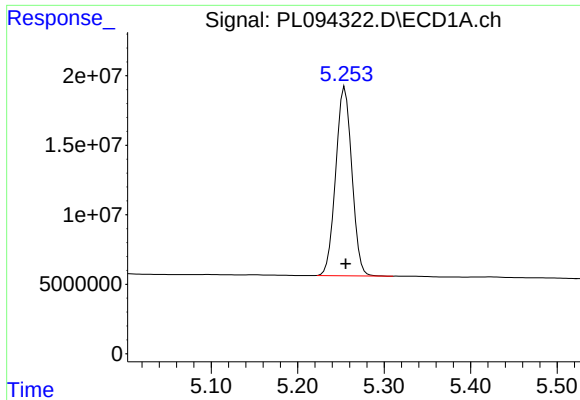
#4 Heptachlor

R.T.: 4.913 min  
Delta R.T.: -0.001 min  
Response: 169863404  
Conc: 51.83 ng/ml



#4 Heptachlor

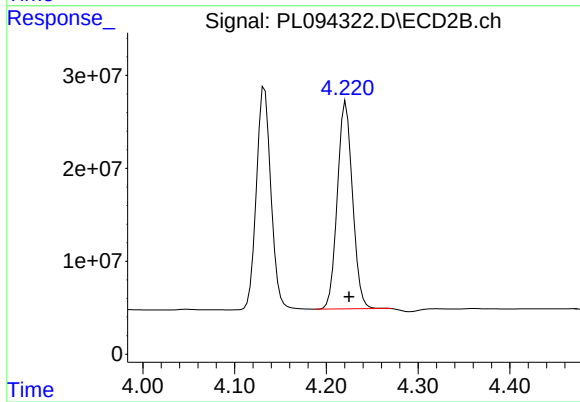
R.T.: 3.942 min  
Delta R.T.: -0.003 min  
Response: 252196746  
Conc: 54.18 ng/ml



#5 Aldrin

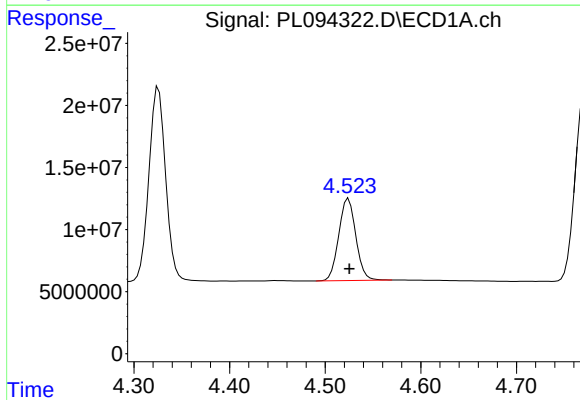
R.T.: 5.255 min  
Delta R.T.: -0.001 min  
Response: 175201071  
Conc: 53.55 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
HEXANE



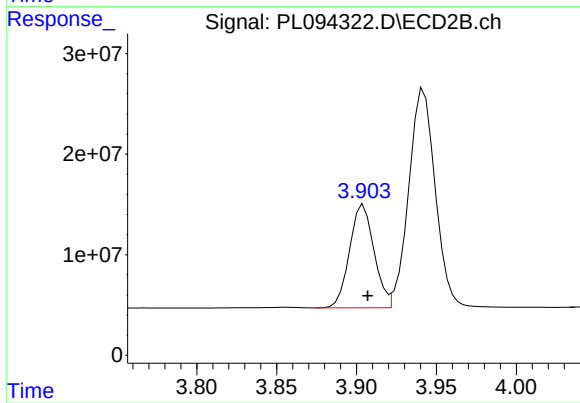
#5 Aldrin

R.T.: 4.221 min  
Delta R.T.: -0.003 min  
Response: 256974841  
Conc: 56.33 ng/ml



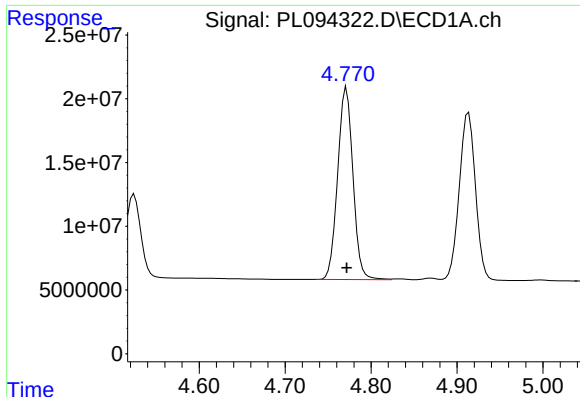
#6 beta-BHC

R.T.: 4.524 min  
Delta R.T.: 0.000 min  
Response: 82242737  
Conc: 51.17 ng/ml



#6 beta-BHC

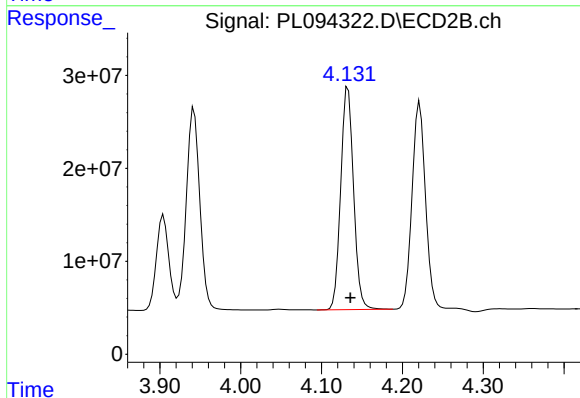
R.T.: 3.904 min  
Delta R.T.: -0.003 min  
Response: 109311342  
Conc: 54.73 ng/ml



#7 delta-BHC

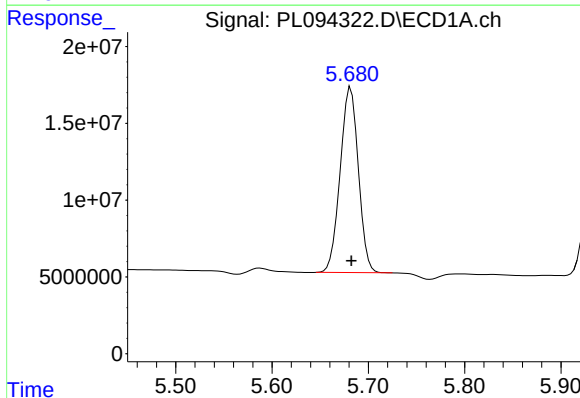
R.T.: 4.771 min  
Delta R.T.: 0.000 min  
Response: 185910624  
Conc: 53.04 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
HEXANE



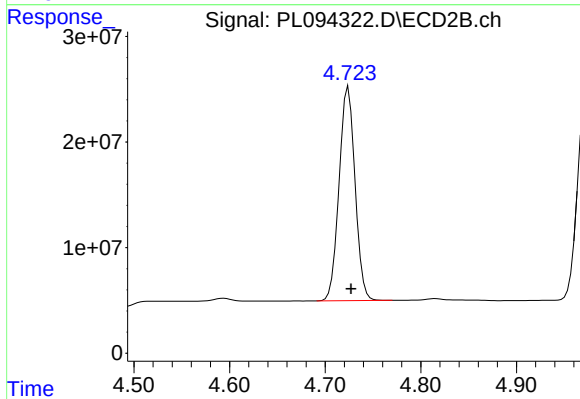
#7 delta-BHC

R.T.: 4.133 min  
Delta R.T.: -0.003 min  
Response: 263863759  
Conc: 55.54 ng/ml



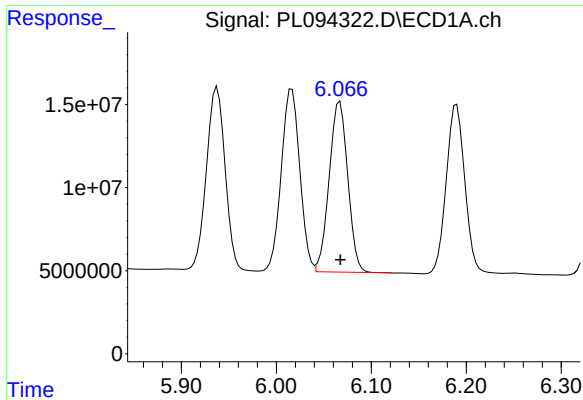
#8 Heptachlor epoxide

R.T.: 5.682 min  
Delta R.T.: 0.000 min  
Response: 158055365  
Conc: 53.15 ng/ml



#8 Heptachlor epoxide

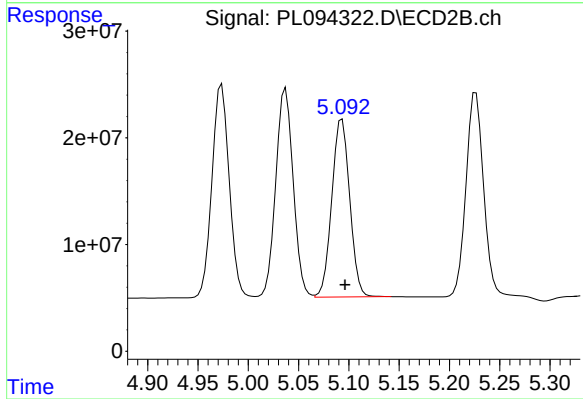
R.T.: 4.724 min  
Delta R.T.: -0.003 min  
Response: 235131075  
Conc: 56.25 ng/ml



#9 Endosulfan I

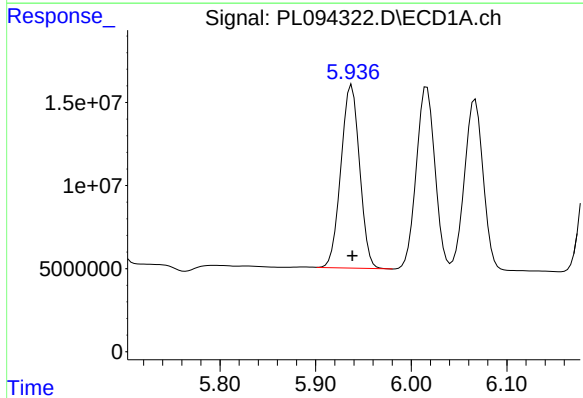
R.T.: 6.067 min  
Delta R.T.: 0.000 min  
Response: 139508508  
Conc: 52.79 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
HEXANE



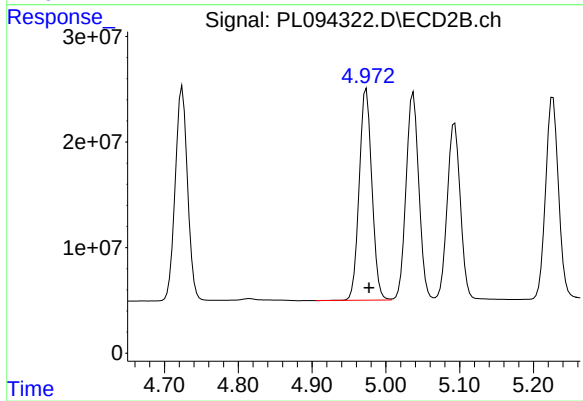
#9 Endosulfan I

R.T.: 5.093 min  
Delta R.T.: -0.003 min  
Response: 206519770  
Conc: 53.27 ng/ml



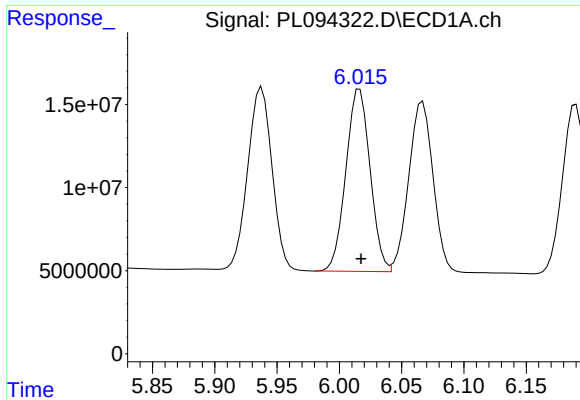
#10 gamma-Chlordane

R.T.: 5.938 min  
Delta R.T.: 0.000 min  
Response: 150290047  
Conc: 53.92 ng/ml



#10 gamma-Chlordane

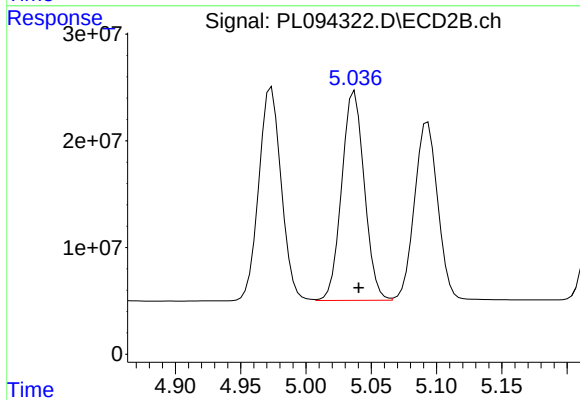
R.T.: 4.974 min  
Delta R.T.: -0.003 min  
Response: 239527675  
Conc: 56.52 ng/ml



#11 alpha-Chlordane

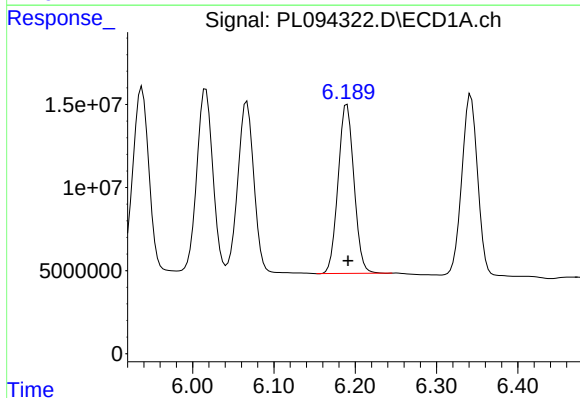
R.T.: 6.016 min  
Delta R.T.: 0.000 min  
Response: 149128324  
Conc: 53.48 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
HEXANE



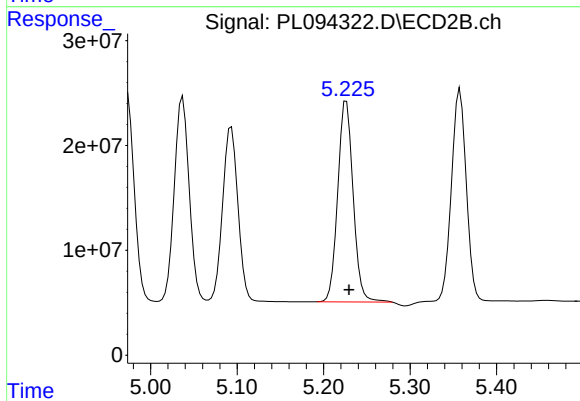
#11 alpha-Chlordane

R.T.: 5.037 min  
Delta R.T.: -0.003 min  
Response: 236233256  
Conc: 56.43 ng/ml



#12 4,4'-DDE

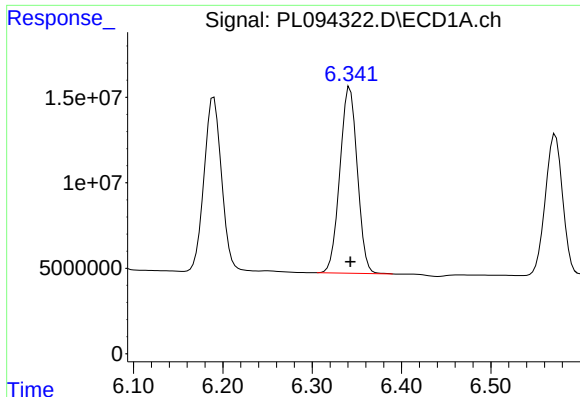
R.T.: 6.190 min  
Delta R.T.: -0.001 min  
Response: 137606080  
Conc: 56.52 ng/ml



#12 4,4'-DDE

R.T.: 5.226 min  
Delta R.T.: -0.003 min  
Response: 235775883  
Conc: 58.80 ng/ml

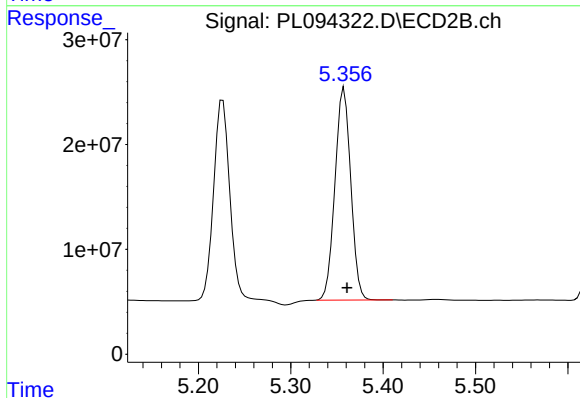




#13 Dieldrin

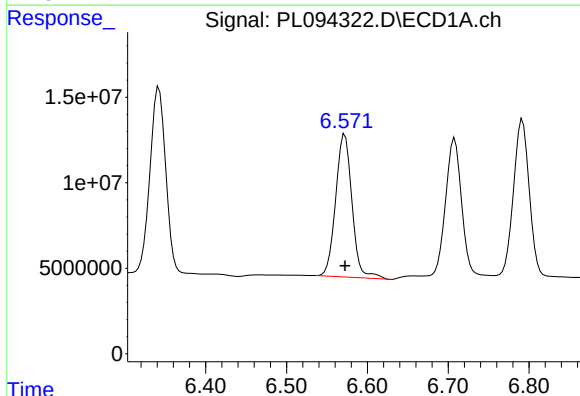
R.T.: 6.342 min  
Delta R.T.: 0.000 min  
Response: 147469871  
Conc: 53.13 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
HEXANE



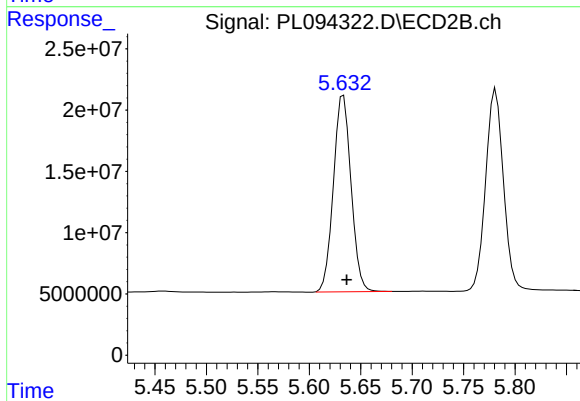
#13 Dieldrin

R.T.: 5.358 min  
Delta R.T.: -0.003 min  
Response: 240578495  
Conc: 56.01 ng/ml



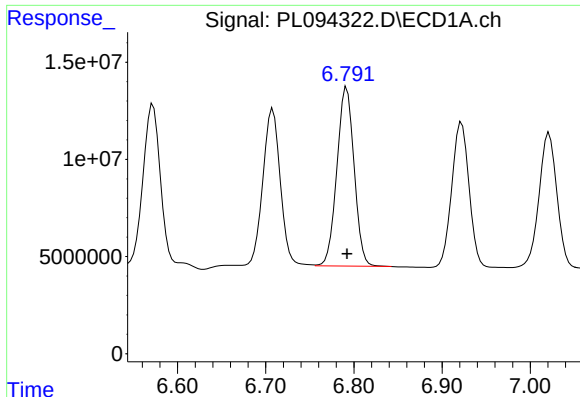
#14 Endrin

R.T.: 6.572 min  
Delta R.T.: 0.000 min  
Response: 117512364  
Conc: 50.12 ng/ml



#14 Endrin

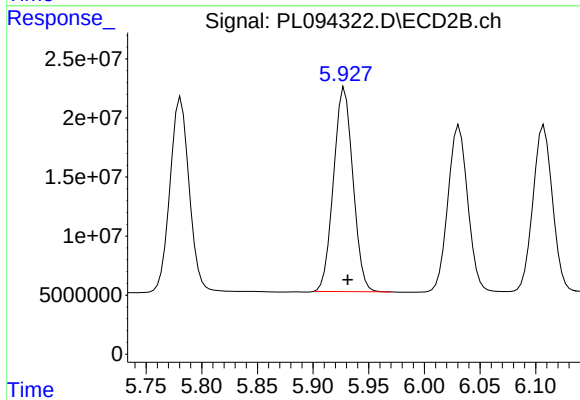
R.T.: 5.633 min  
Delta R.T.: -0.003 min  
Response: 191110330  
Conc: 51.75 ng/ml



#15 Endosulfan II

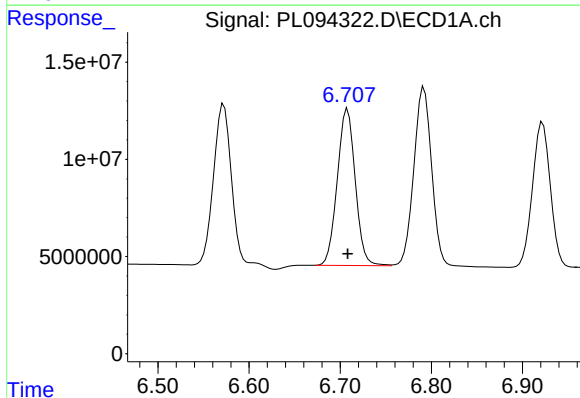
R.T.: 6.792 min  
Delta R.T.: 0.000 min  
Response: 124965450  
Conc: 51.87 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
HEXANE



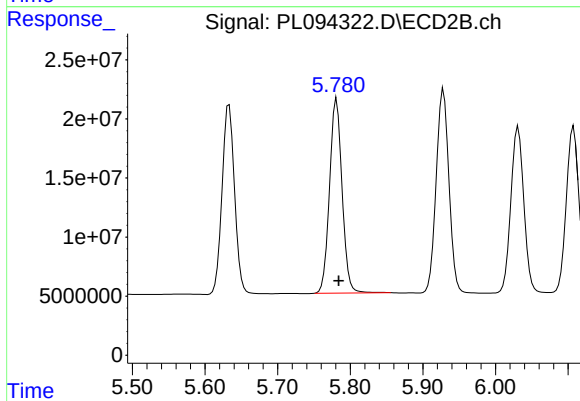
#15 Endosulfan II

R.T.: 5.928 min  
Delta R.T.: -0.003 min  
Response: 209406701  
Conc: 56.54 ng/ml



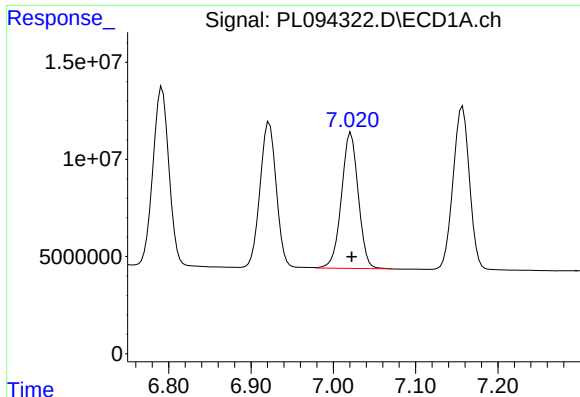
#16 4,4'-DDD

R.T.: 6.708 min  
Delta R.T.: 0.000 min  
Response: 110573401  
Conc: 58.18 ng/ml



#16 4,4'-DDD

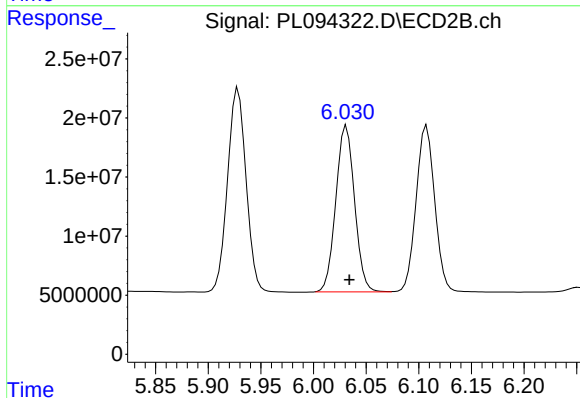
R.T.: 5.781 min  
Delta R.T.: -0.003 min  
Response: 198380147  
Conc: 62.85 ng/ml



#17 4,4'-DDT

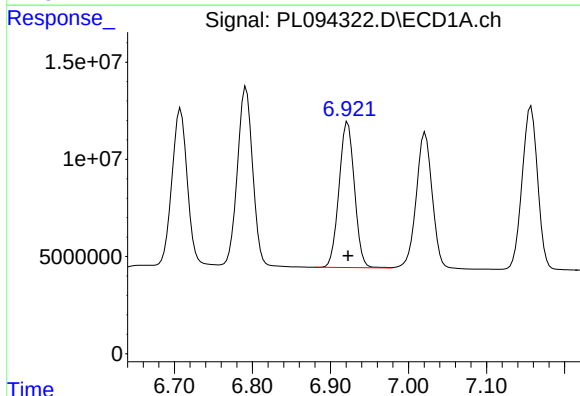
R.T.: 7.021 min  
Delta R.T.: 0.000 min  
Response: 99392719  
Conc: 50.40 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
HEXANE



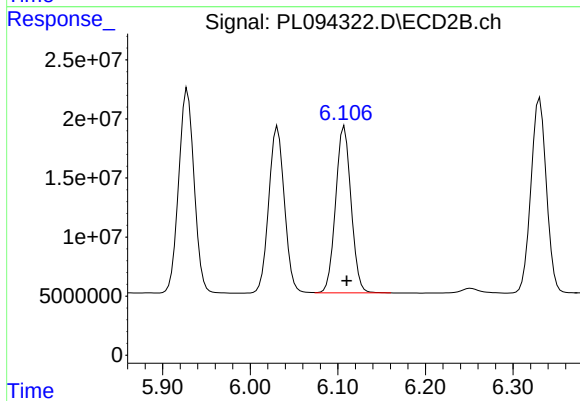
#17 4,4'-DDT

R.T.: 6.031 min  
Delta R.T.: -0.003 min  
Response: 174578104  
Conc: 53.65 ng/ml



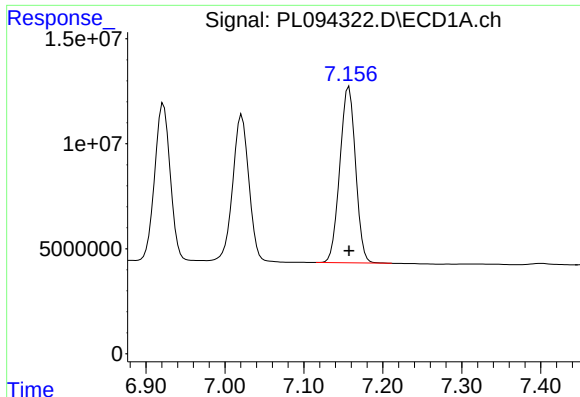
#18 Endrin aldehyde

R.T.: 6.922 min  
Delta R.T.: 0.000 min  
Response: 102884166  
Conc: 52.92 ng/ml



#18 Endrin aldehyde

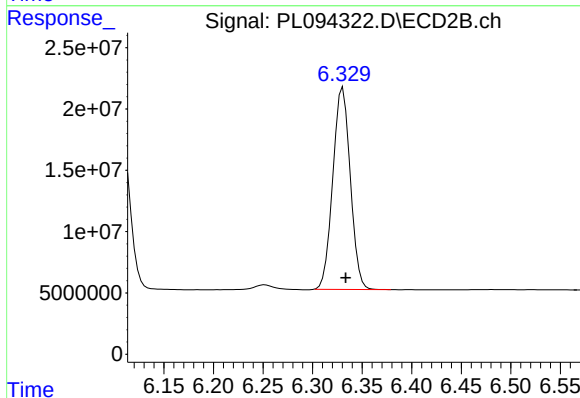
R.T.: 6.108 min  
Delta R.T.: -0.003 min  
Response: 173001011  
Conc: 56.82 ng/ml



#19 Endosulfan Sulfate

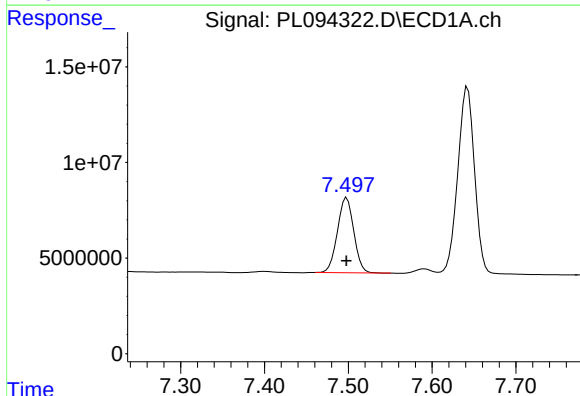
R.T.: 7.157 min  
Delta R.T.: 0.000 min  
Response: 116131447  
Conc: 51.30 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
HEXANE



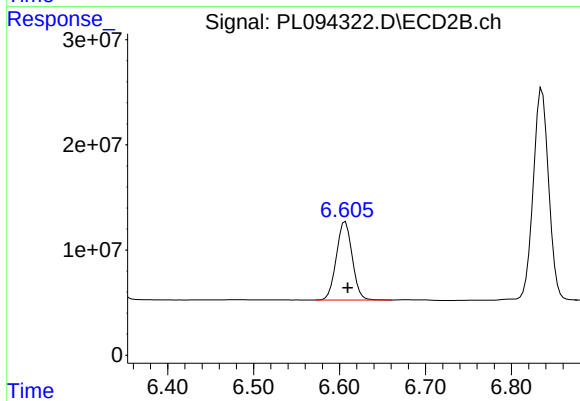
#19 Endosulfan Sulfate

R.T.: 6.331 min  
Delta R.T.: -0.003 min  
Response: 201785022  
Conc: 56.58 ng/ml



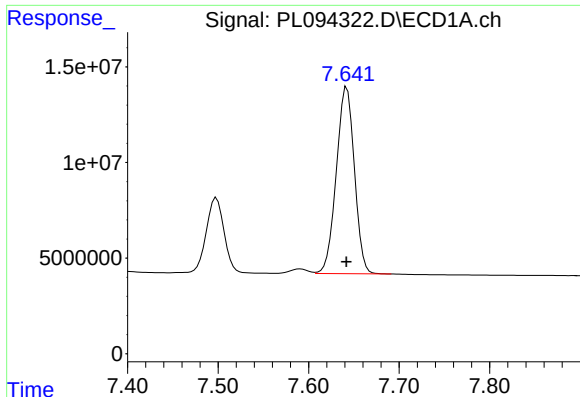
#20 Methoxychlor

R.T.: 7.498 min  
Delta R.T.: 0.000 min  
Response: 53112022  
Conc: 50.90 ng/ml



#20 Methoxychlor

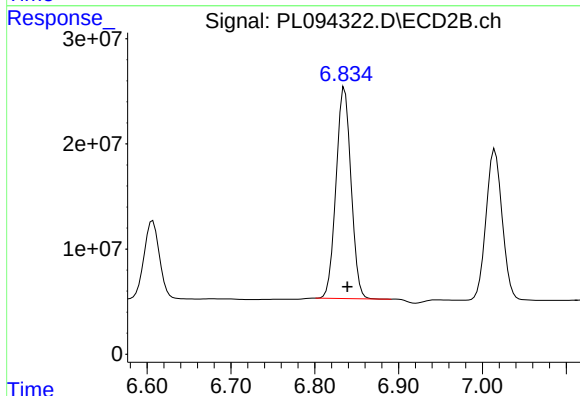
R.T.: 6.607 min  
Delta R.T.: -0.003 min  
Response: 95364507  
Conc: 53.33 ng/ml



#21 Endrin ketone

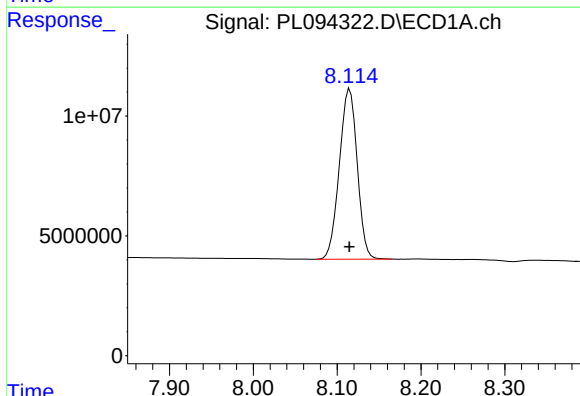
R.T.: 7.642 min  
Delta R.T.: 0.000 min  
Response: 135763445  
Conc: 53.82 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
HEXANE



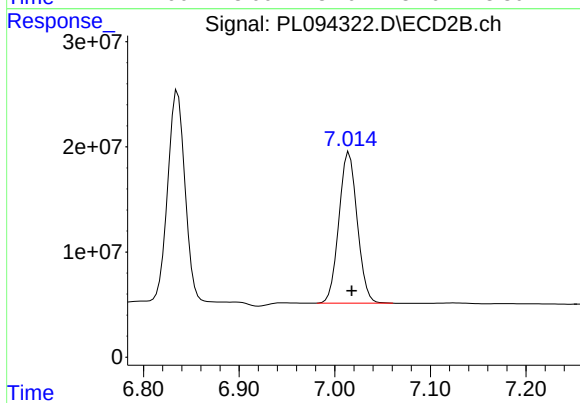
#21 Endrin ketone

R.T.: 6.836 min  
Delta R.T.: -0.003 min  
Response: 249213058  
Conc: 59.40 ng/ml



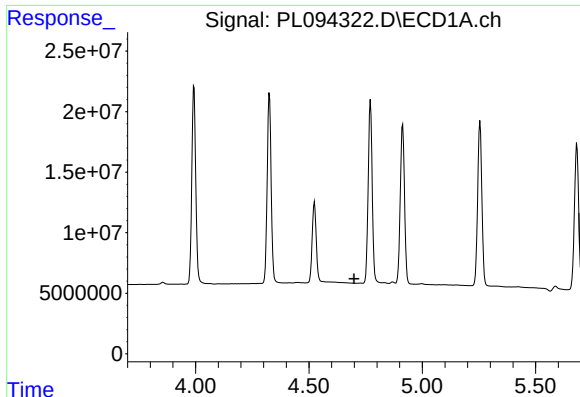
#22 Mirex

R.T.: 8.115 min  
Delta R.T.: 0.000 min  
Response: 105427531  
Conc: 50.63 ng/ml



#22 Mirex

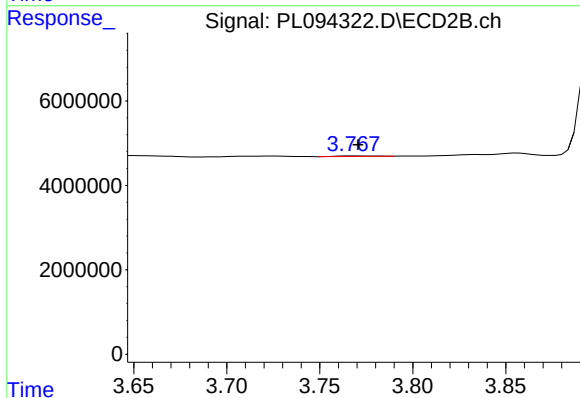
R.T.: 7.015 min  
Delta R.T.: -0.003 min  
Response: 191543746  
Conc: 56.64 ng/ml



#23 Chlordane-1

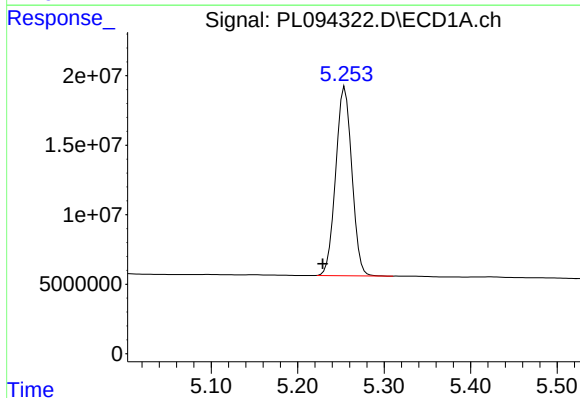
R.T.: 0.000 min  
Exp R.T.: 4.700 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :  
HEXANE



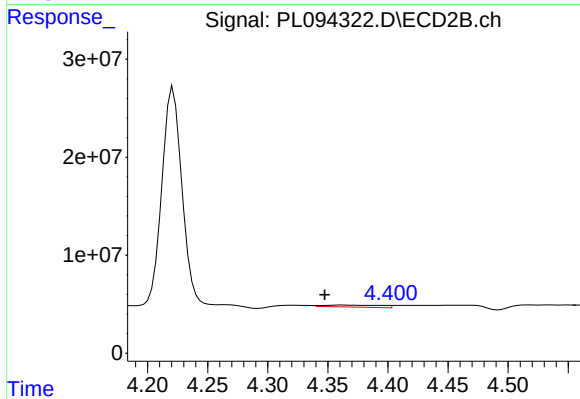
#23 Chlordane-1

R.T.: 3.769 min  
Delta R.T.: -0.002 min  
Response: 163617  
Conc: 1.31 ng/ml



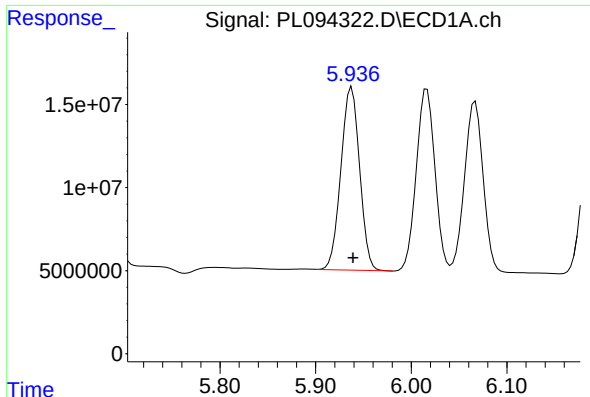
#24 Chlordane-2

R.T.: 5.255 min  
Delta R.T.: 0.026 min  
Response: 175201071  
Conc: 1496.41 ng/ml



#24 Chlordane-2

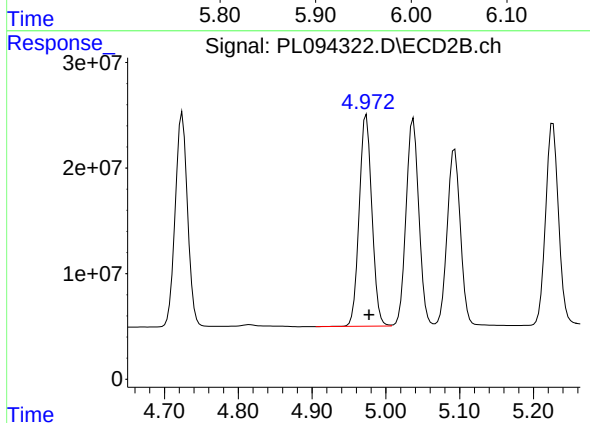
R.T.: 4.362 min  
Delta R.T.: 0.014 min  
Response: 6970625  
Conc: 47.51 ng/ml



#25 Chlordane-3

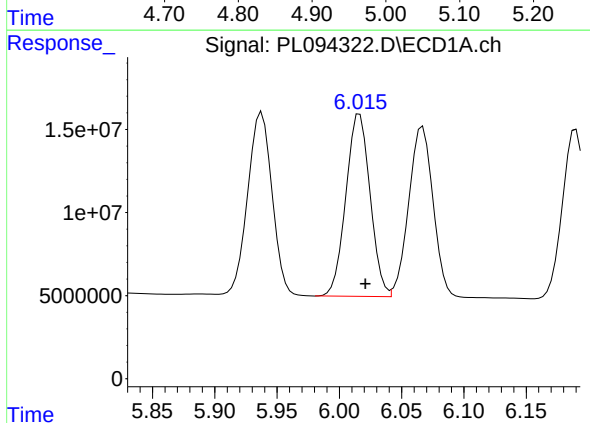
R.T.: 5.938 min  
Delta R.T.: -0.001 min  
Response: 150290047  
Conc: 383.13 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
HEXANE



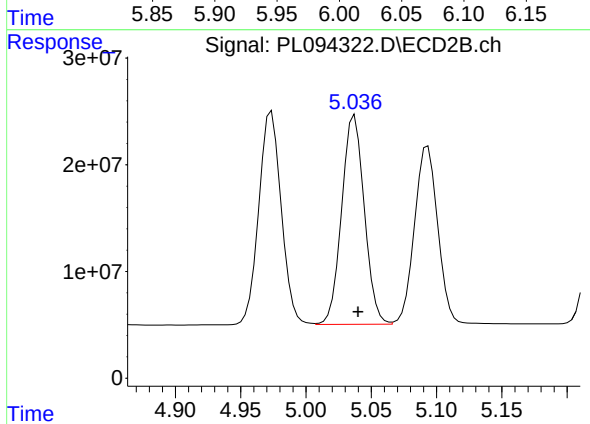
#25 Chlordane-3

R.T.: 4.974 min  
Delta R.T.: -0.003 min  
Response: 239527675  
Conc: 550.86 ng/ml



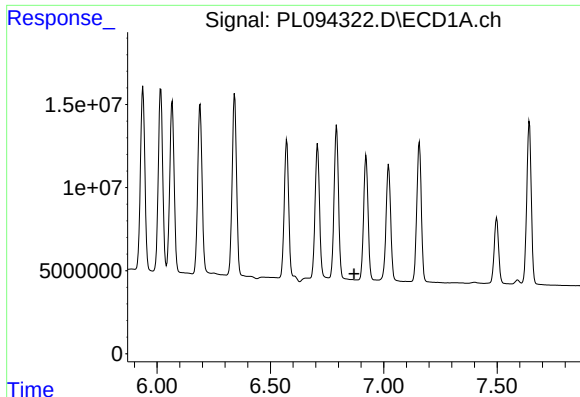
#26 Chlordane-4

R.T.: 6.016 min  
Delta R.T.: -0.005 min  
Response: 149128324  
Conc: 317.22 ng/ml



#26 Chlordane-4

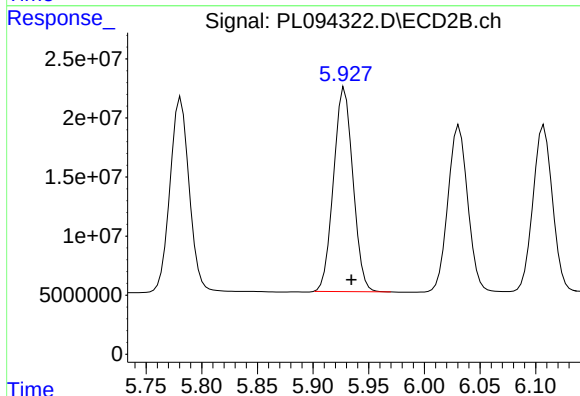
R.T.: 5.037 min  
Delta R.T.: -0.003 min  
Response: 236233256  
Conc: 557.59 ng/ml



#27 Chlordane-5

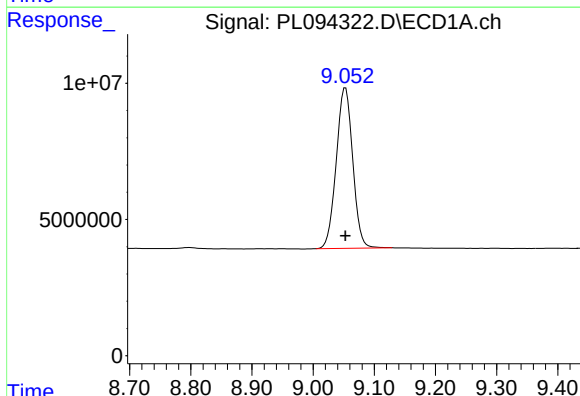
R.T.: 0.000 min  
Exp R.T.: 6.870 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :  
HEXANE



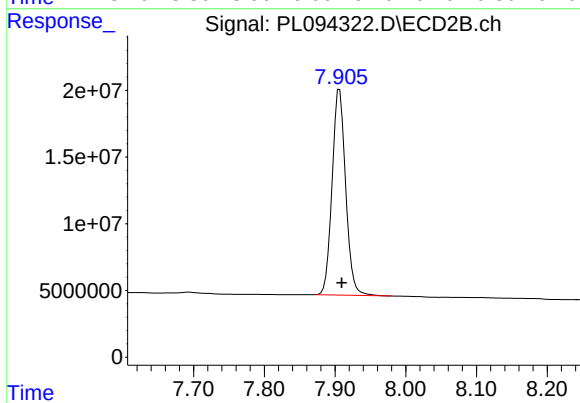
#27 Chlordane-5

R.T.: 5.928 min  
Delta R.T.: -0.006 min  
Response: 209406701  
Conc: 1367.22 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.053 min  
Delta R.T.: 0.000 min  
Response: 110361555  
Conc: 52.76 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.907 min  
Delta R.T.: -0.003 min  
Response: 205379224  
Conc: 58.61 ng/ml