

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL121824\  
 Data File : PL093416.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 18 Dec 2024 15:31  
 Operator : AR\AJ  
 Sample : PCHLORCCC500  
 Misc :  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 PB165704BL

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Dec 19 04:27:32 2024  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL112524.M  
 Quant Title : GC Extractables  
 QLast Update : Mon Nov 25 15:18:43 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... | 3.547  | 2.776  | 88425712 | 130.1E6  | 34.023  | 45.120 #  |
| 28)                         | SA Decachlor... | 9.065  | 7.916  | 74500141 | 122.5E6  | 42.852  | 42.870    |
| Target Compounds            |                 |        |        |          |          |         |           |
| 2)                          | A alpha-BHC     | 4.016f | 3.273  | 4118718  | 352093   | 1.154   | 0.082 #   |
| 4)                          | MA Heptachlor   | 4.924  | 3.949  | 69406627 | 88289260 | 22.711  | 21.824    |
| 5)                          | MB Aldrin       | 5.239f | 4.204f | 52657277 | 3200199  | 17.511  | 0.804 #   |
| 6)                          | B beta-BHC      | 0.000  | 3.909  | 0        | 181672   | N.D.    | 0.102 #   |
| 7)                          | B delta-BHC     | 0.000  | 4.134  | 0        | 7286544  | N.D.    | 1.708 #   |
| 8)                          | B Heptachlo...  | 5.676  | 0.000  | 34322746 | 0        | 12.361  | N.D. #    |
| 9)                          | A Endosulfan I  | 0.000  | 5.090  | 0        | 17322106 | N.D.    | 5.182 #   |
| 10)                         | B gamma-Chl...  | 5.949  | 4.982  | 184.4E6  | 206.9E6  | 71.580  | 55.834    |
| 11)                         | B alpha-Chl...  | 6.030  | 5.044  | 225.6E6  | 205.1E6  | 87.062  | 56.501 #  |
| 12)                         | B 4,4'-DDE      | 6.186  | 0.000  | 778971   | 0        | 0.333   | N.D. #    |
| 13)                         | MA Dieldrin     | 6.353  | 5.345f | 10946973 | 6447268  | 4.271   | 1.749 #   |
| 14)                         | MA Endrin       | 0.000  | 5.652  | 0        | 12212539 | N.D.    | 3.829 #   |
| 15)                         | B Endosulfa...  | 6.786  | 5.941  | 6115248  | 67414109 | 2.805   | 21.273 #  |
| 19)                         | B Endosulfa...  | 7.165  | 6.344  | 446904   | -224478  | 0.216   | N.D. #    |
| 20)                         | A Methoxychlor  | 0.000  | 6.607  | 0        | 1721596  | N.D.    | 1.127 #   |
| 21)                         | B Endrin ke...  | 0.000  | 6.823f | 0        | 512105   | N.D.    | 0.153 #   |
| 23)                         | Chlordane-1     | 4.709  | 3.775  | 52101574 | 56268723 | 465.922 | 484.119   |
| 24)                         | Chlordane-2     | 5.239  | 4.352  | 52657277 | 66184571 | 459.241 | 493.931   |
| 25)                         | Chlordane-3     | 5.949  | 4.982  | 184.4E6  | 206.9E6  | 483.743 | 514.840   |
| 26)                         | Chlordane-4     | 6.030  | 5.044  | 225.6E6  | 205.1E6  | 485.310 | 525.867   |
| 27)                         | Chlordane-5     | 0.000  | 5.941  | 0        | 67414109 | N.D.    | 491.986 # |
| -----                       |                 |        |        |          |          |         |           |

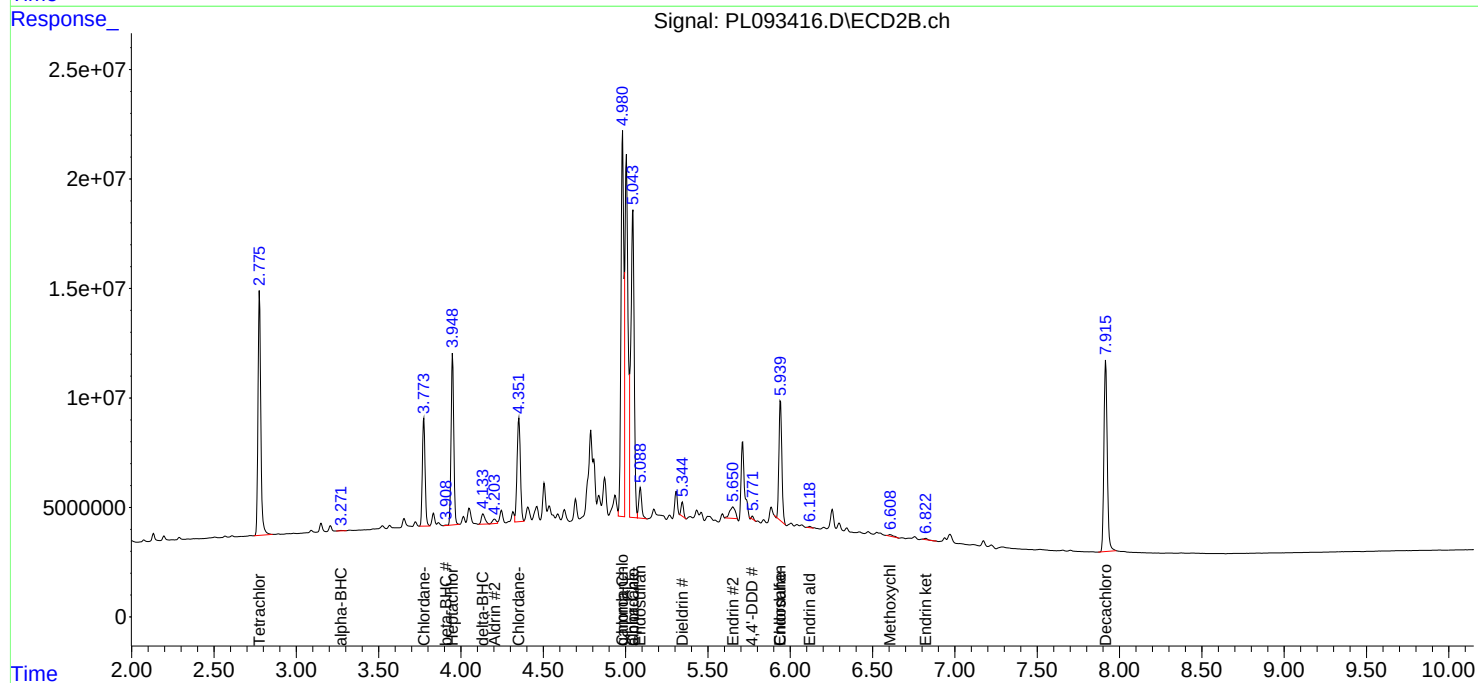
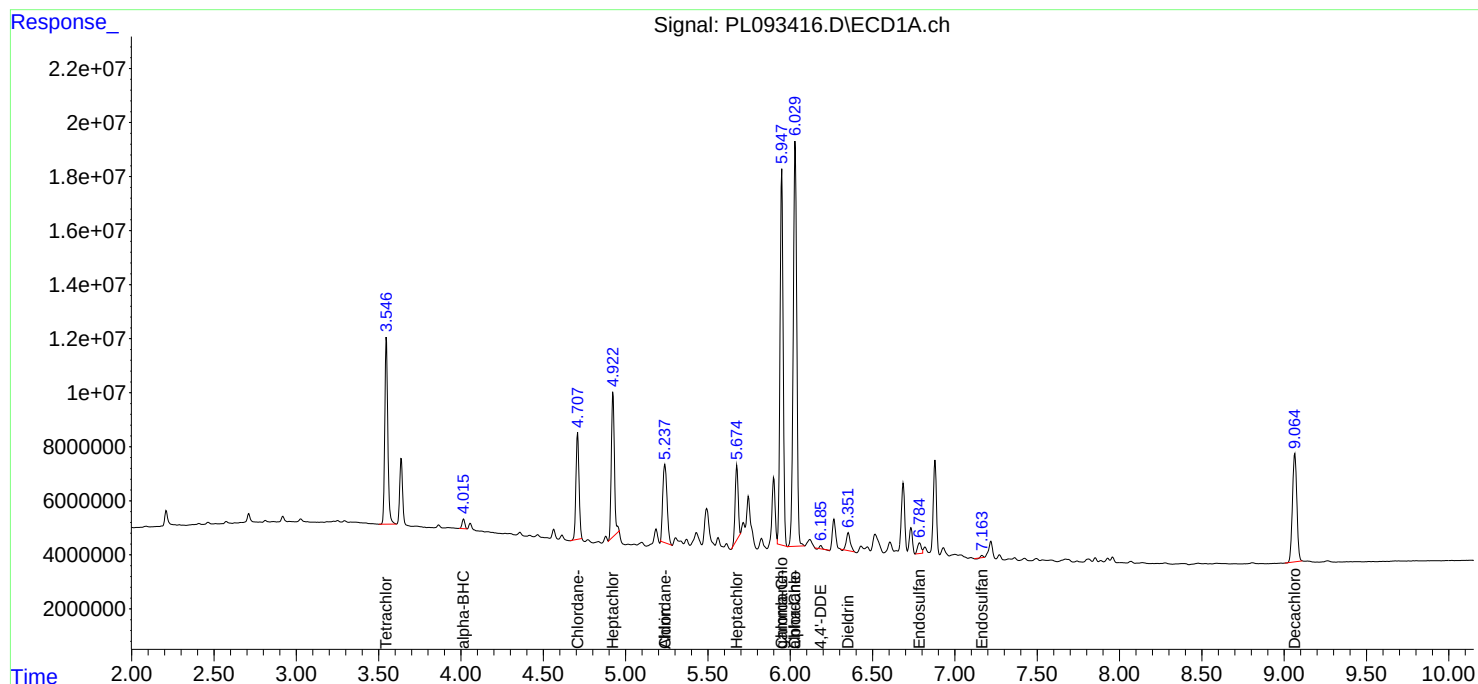
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

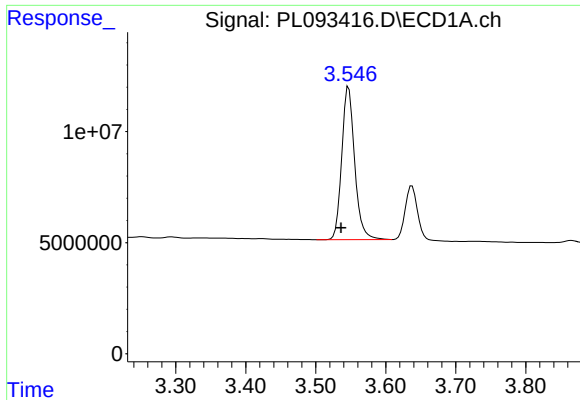
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL121824\  
Data File : PL093416.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 18 Dec 2024 15:31  
Operator : AR\AJ  
Sample : PCHLORCCC500  
Misc :  
ALS Vial : 9 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :  
PB165704BL

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Dec 19 04:27:32 2024  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL112524.M  
Quant Title : GC Extractables  
QLast Update : Mon Nov 25 15:18:43 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

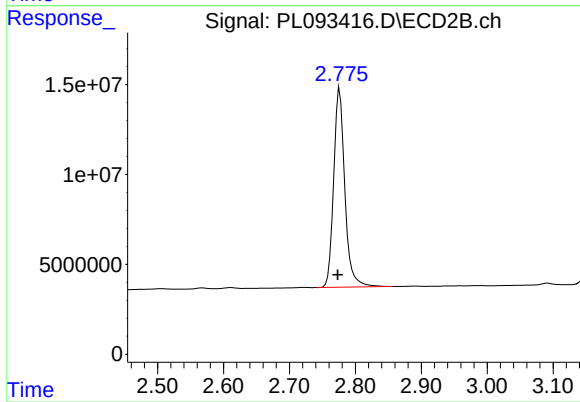




#1 Tetrachloro-m-xylene

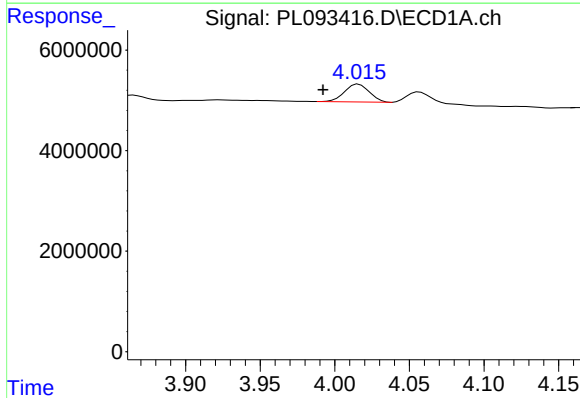
R.T.: 3.547 min  
Delta R.T.: 0.011 min  
Response: 88425712  
Conc: 34.02 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB165704BL



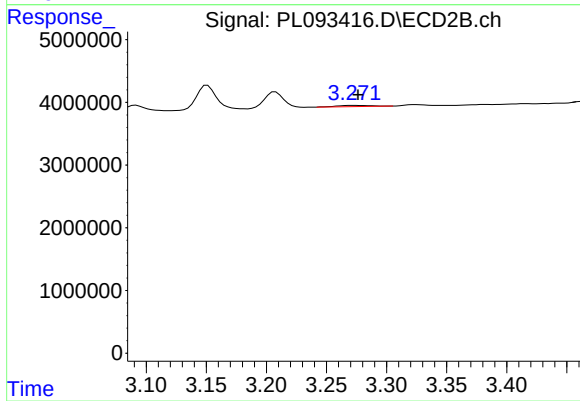
#1 Tetrachloro-m-xylene

R.T.: 2.776 min  
Delta R.T.: 0.003 min  
Response: 130127146  
Conc: 45.12 ng/ml



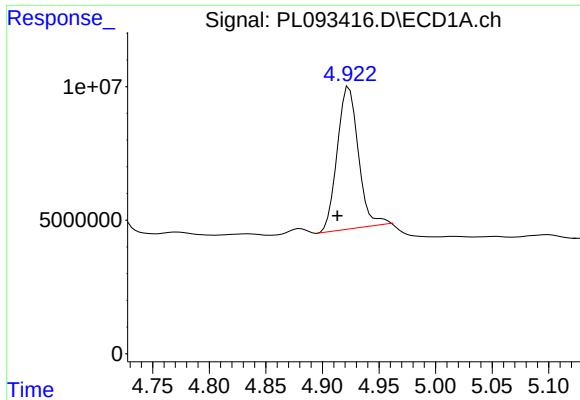
#2 alpha-BHC

R.T.: 4.016 min  
Delta R.T.: 0.024 min  
Response: 4118718  
Conc: 1.15 ng/ml



#2 alpha-BHC

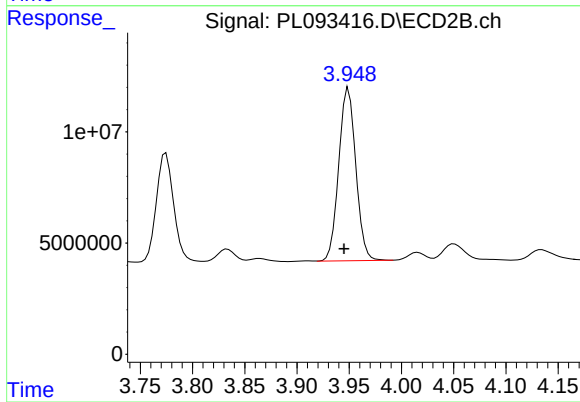
R.T.: 3.273 min  
Delta R.T.: -0.004 min  
Response: 352093  
Conc: 0.08 ng/ml



#4 Heptachlor

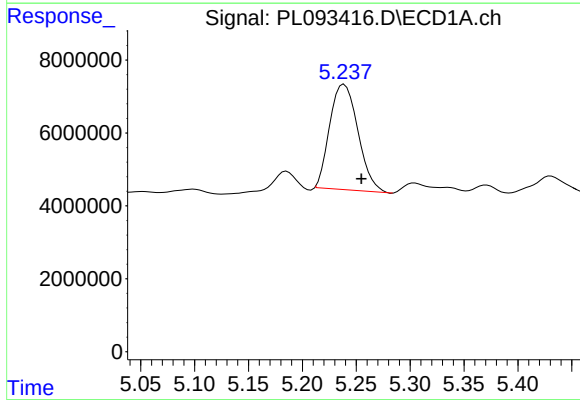
R.T.: 4.924 min  
Delta R.T.: 0.010 min  
Response: 69406627  
Conc: 22.71 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB165704BL



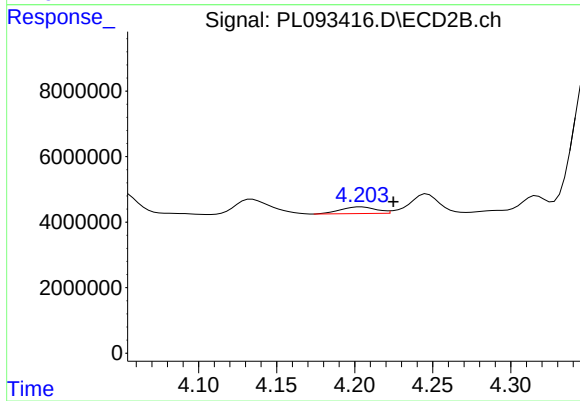
#4 Heptachlor

R.T.: 3.949 min  
Delta R.T.: 0.004 min  
Response: 88289260  
Conc: 21.82 ng/ml



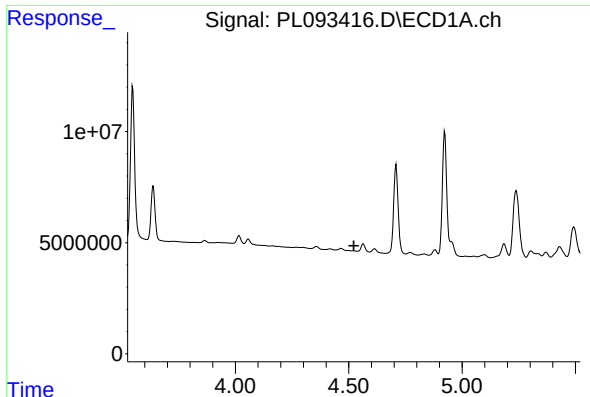
#5 Aldrin

R.T.: 5.239 min  
Delta R.T.: -0.016 min  
Response: 52657277  
Conc: 17.51 ng/ml



#5 Aldrin

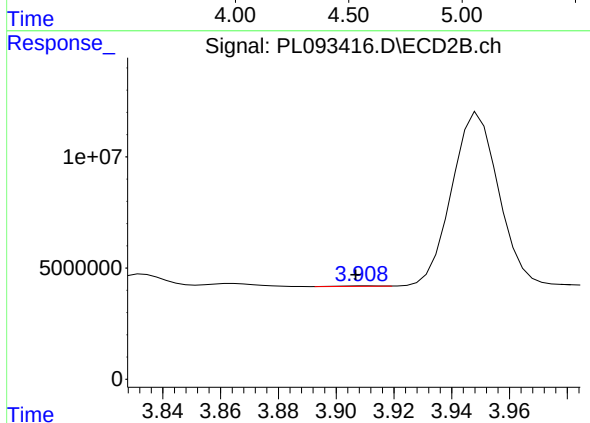
R.T.: 4.204 min  
Delta R.T.: -0.021 min  
Response: 3200199  
Conc: 0.80 ng/ml



#6 beta-BHC

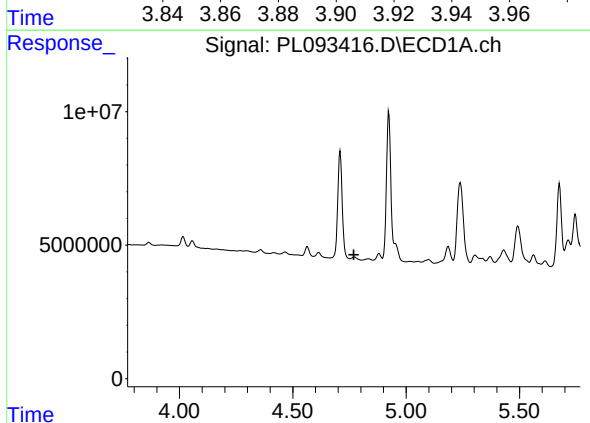
R.T.: 0.000 min  
Exp R.T.: 4.523 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :  
PB165704BL



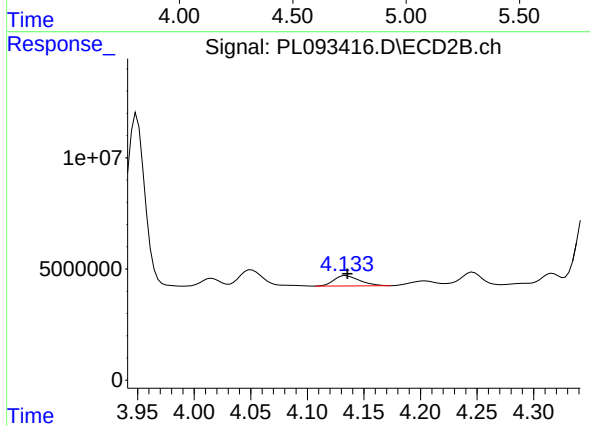
#6 beta-BHC

R.T.: 3.909 min  
Delta R.T.: 0.003 min  
Response: 181672  
Conc: 0.10 ng/ml



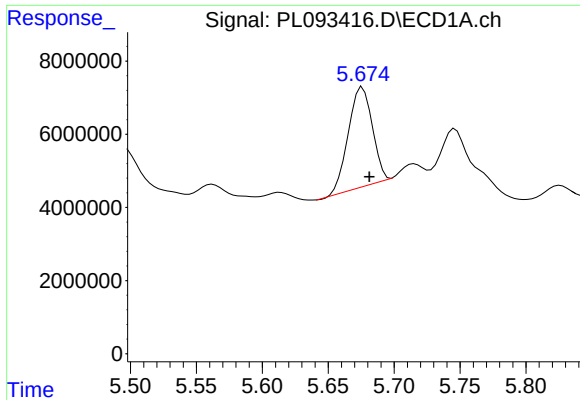
#7 delta-BHC

R.T.: 0.000 min  
Exp R.T.: 4.770 min  
Response: 0  
Conc: N.D.



#7 delta-BHC

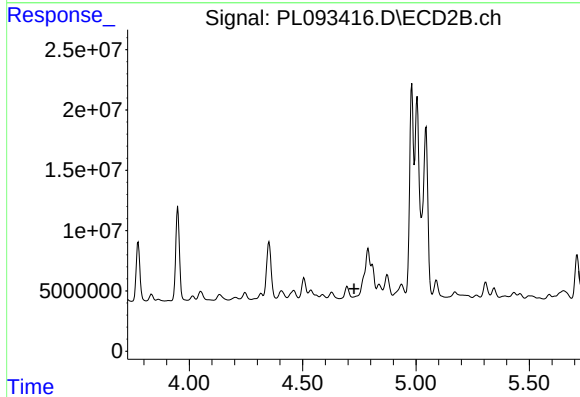
R.T.: 4.134 min  
Delta R.T.: -0.001 min  
Response: 7286544  
Conc: 1.71 ng/ml



#8 Heptachlor epoxide

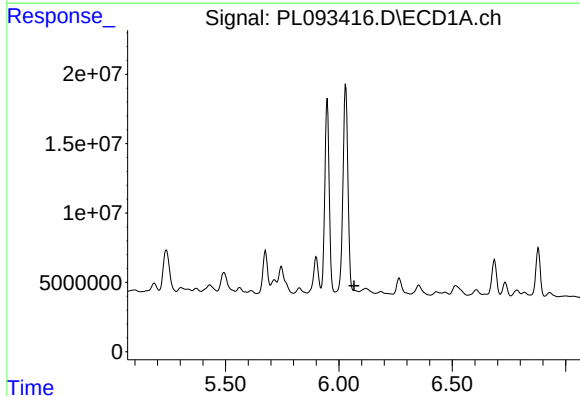
R.T.: 5.676 min  
Delta R.T.: -0.005 min  
Response: 34322746  
Conc: 12.36 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB165704BL



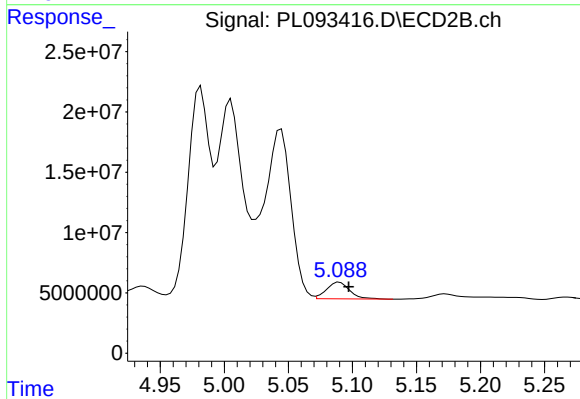
#8 Heptachlor epoxide

R.T.: 0.000 min  
Exp R.T. : 4.728 min  
Response: 0  
Conc: N.D.



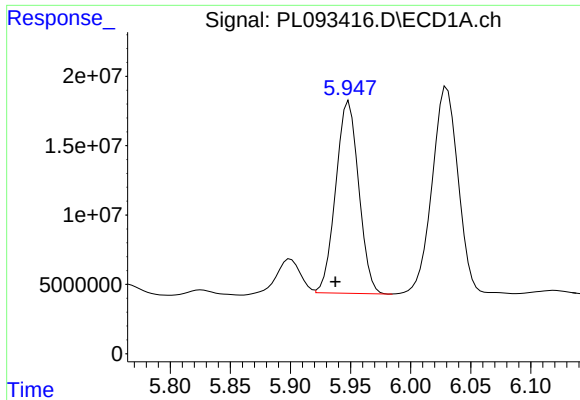
#9 Endosulfan I

R.T.: 0.000 min  
Exp R.T. : 6.067 min  
Response: 0  
Conc: N.D.



#9 Endosulfan I

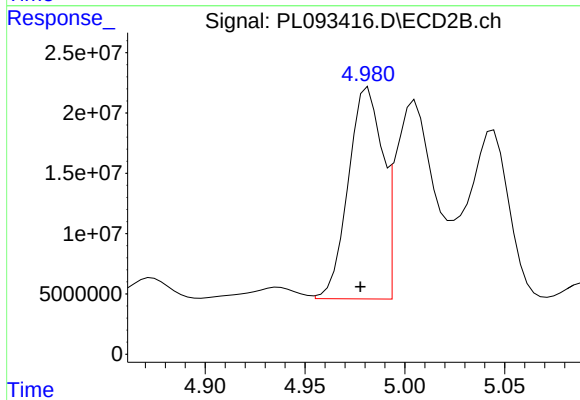
R.T.: 5.090 min  
Delta R.T.: -0.007 min  
Response: 17322106  
Conc: 5.18 ng/ml



#10 gamma-Chlordane

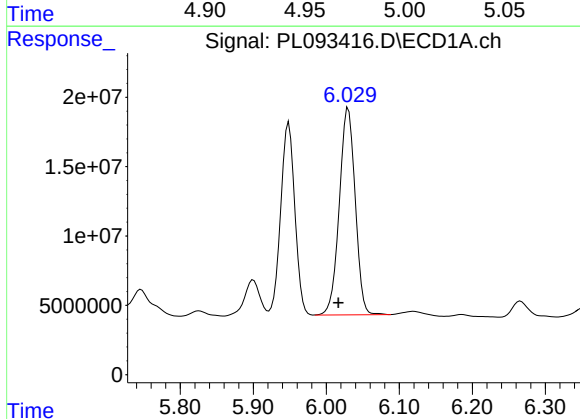
R.T.: 5.949 min  
Delta R.T.: 0.011 min  
Response: 184414040  
Conc: 71.58 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB165704BL



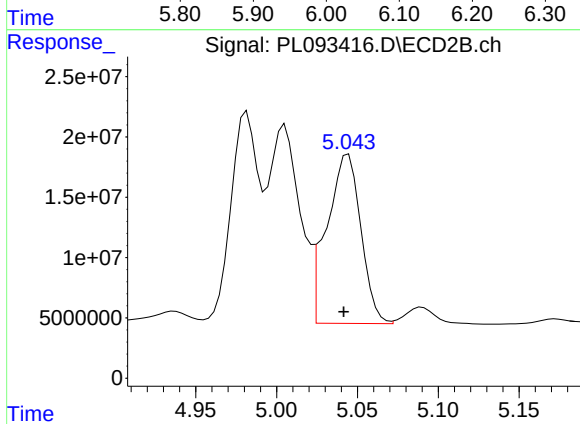
#10 gamma-Chlordane

R.T.: 4.982 min  
Delta R.T.: 0.004 min  
Response: 206870338  
Conc: 55.83 ng/ml



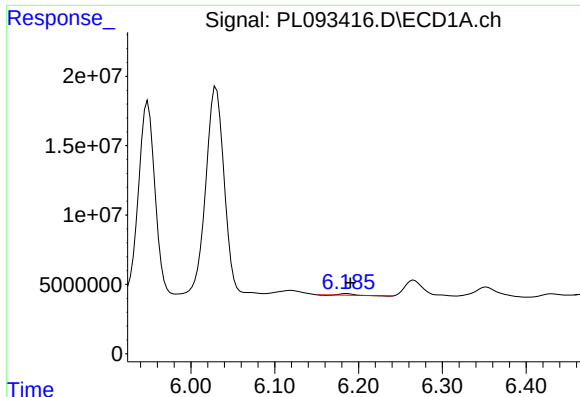
#11 alpha-Chlordane

R.T.: 6.030 min  
Delta R.T.: 0.014 min  
Response: 225583933  
Conc: 87.06 ng/ml



#11 alpha-Chlordane

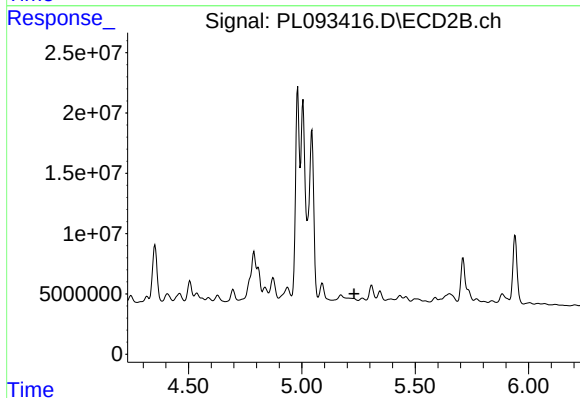
R.T.: 5.044 min  
Delta R.T.: 0.003 min  
Response: 205115116  
Conc: 56.50 ng/ml



#12 4,4'-DDE

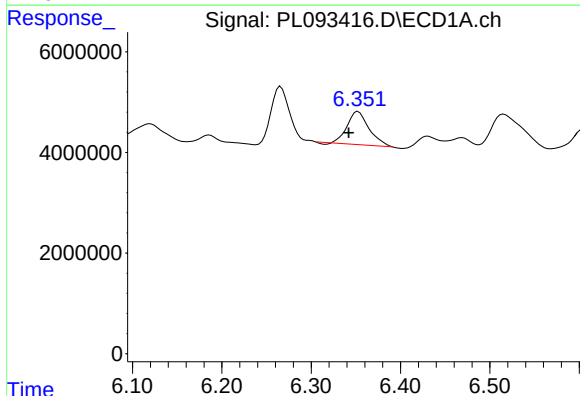
R.T.: 6.186 min  
Delta R.T.: -0.004 min  
Response: 778971  
Conc: 0.33 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB165704BL



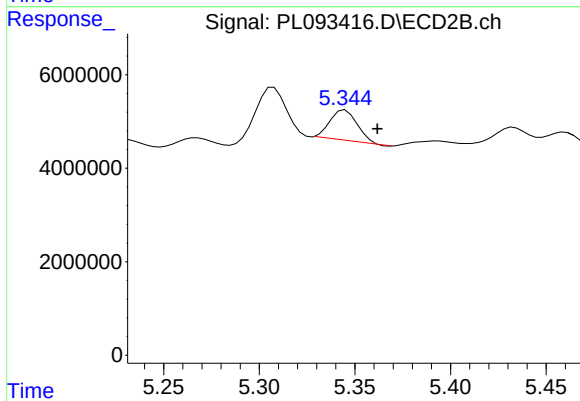
#12 4,4'-DDE

R.T.: 0.000 min  
Exp R.T. : 5.230 min  
Response: 0  
Conc: N.D.



#13 Dieldrin

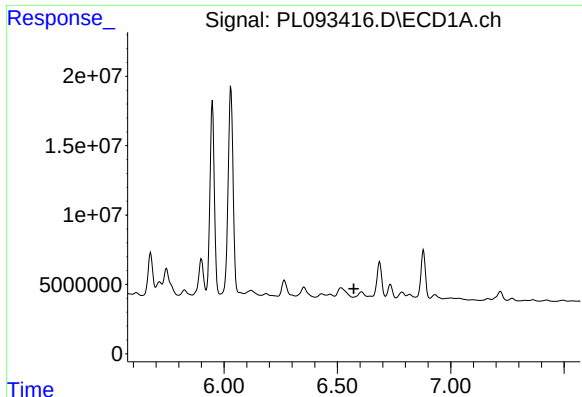
R.T.: 6.353 min  
Delta R.T.: 0.011 min  
Response: 10946973  
Conc: 4.27 ng/ml



#13 Dieldrin

R.T.: 5.345 min  
Delta R.T.: -0.017 min  
Response: 6447268  
Conc: 1.75 ng/ml

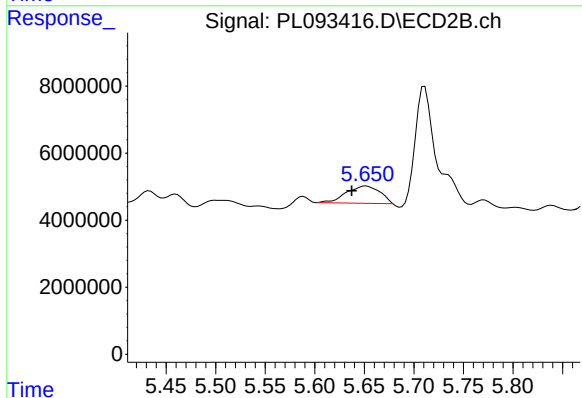




#14 Endrin

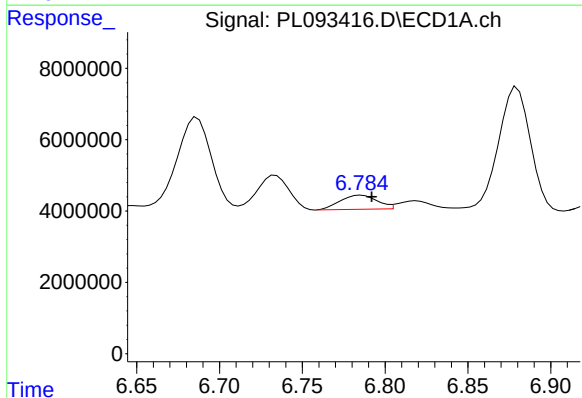
R.T.: 0.000 min  
Exp R.T.: 6.572 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :  
PB165704BL



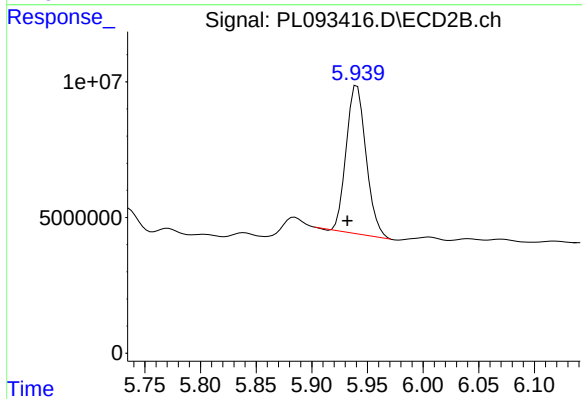
#14 Endrin

R.T.: 5.652 min  
Delta R.T.: 0.015 min  
Response: 12212539  
Conc: 3.83 ng/ml



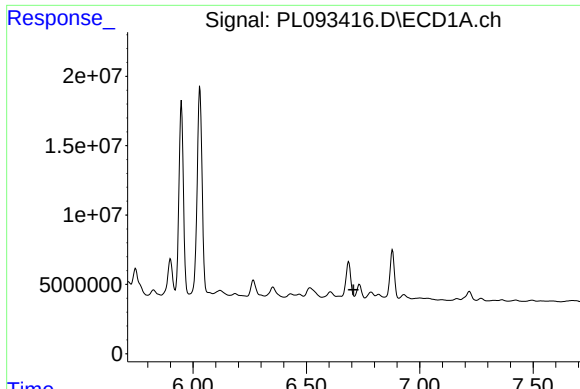
#15 Endosulfan II

R.T.: 6.786 min  
Delta R.T.: -0.006 min  
Response: 6115248  
Conc: 2.80 ng/ml



#15 Endosulfan II

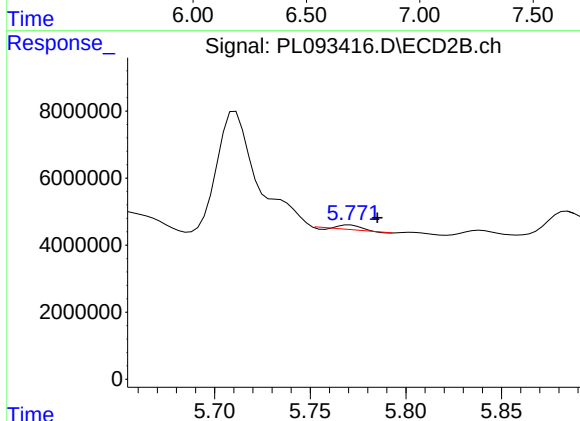
R.T.: 5.941 min  
Delta R.T.: 0.009 min  
Response: 67414109  
Conc: 21.27 ng/ml



#16 4,4'-DDD

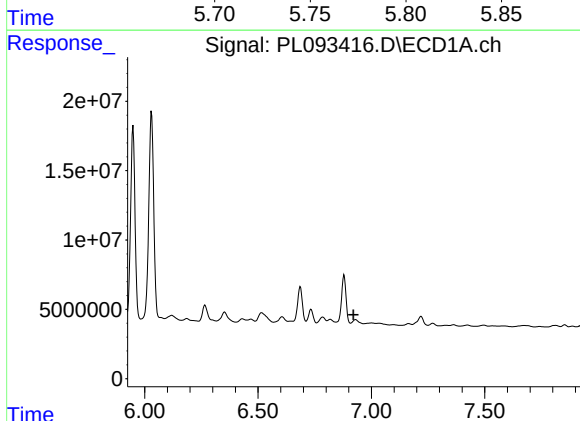
R.T.: 6.734 min  
Delta R.T.: 0.026 min  
Response: -6589420  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :  
PB165704BL



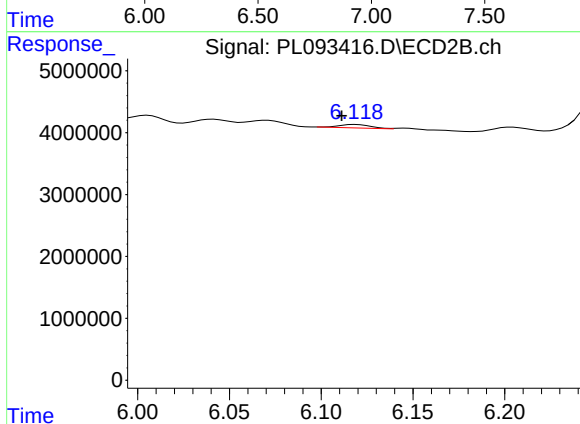
#16 4,4'-DDD

R.T.: 5.771 min  
Delta R.T.: -0.014 min  
Response: 960981  
Conc: 0.34 ng/ml



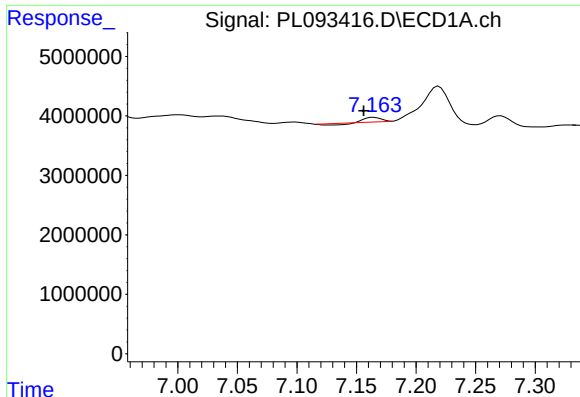
#18 Endrin aldehyde

R.T.: 6.930 min  
Delta R.T.: 0.009 min  
Response: -53120009  
Conc: N.D.



#18 Endrin aldehyde

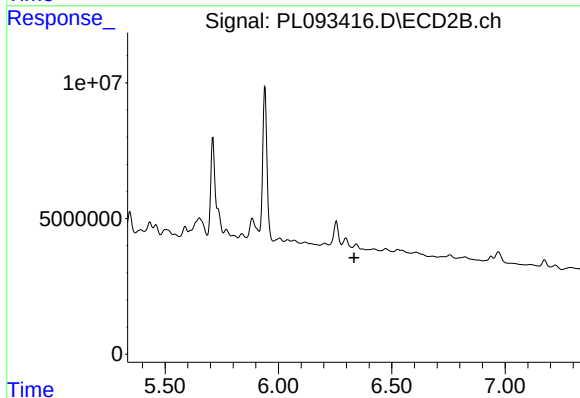
R.T.: 6.119 min  
Delta R.T.: 0.008 min  
Response: 690865  
Conc: 0.26 ng/ml



#19 Endosulfan Sulfate

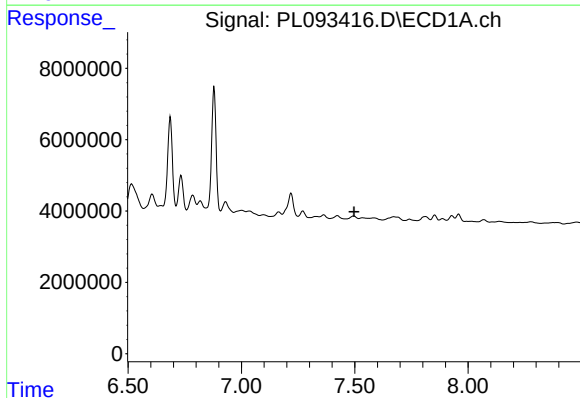
R.T.: 7.165 min  
Delta R.T.: 0.009 min  
Response: 446904  
Conc: 0.22 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB165704BL



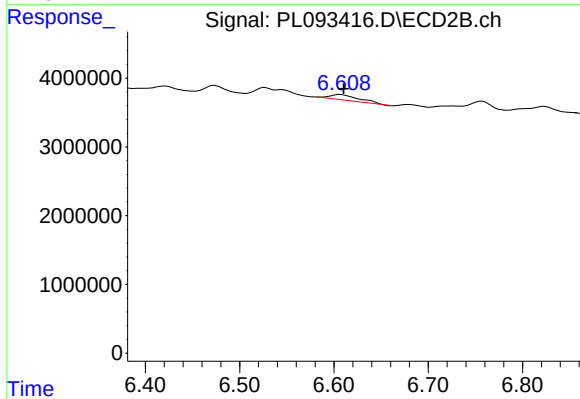
#19 Endosulfan Sulfate

R.T.: 6.344 min  
Delta R.T.: 0.009 min  
Response: -224478  
Conc: N.D.



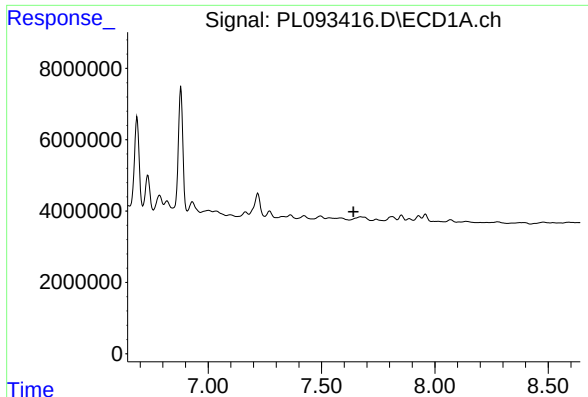
#20 Methoxychlor

R.T.: 0.000 min  
Exp R.T. : 7.498 min  
Response: 0  
Conc: N.D.



#20 Methoxychlor

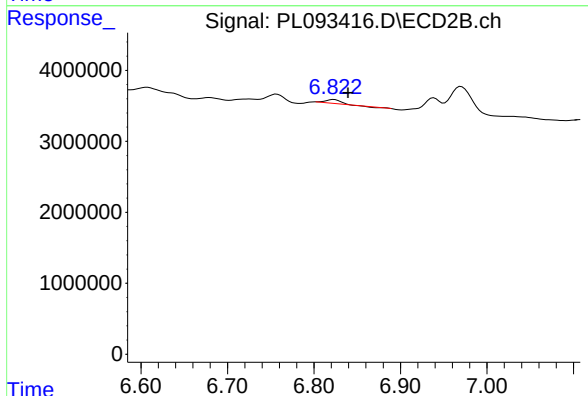
R.T.: 6.607 min  
Delta R.T.: -0.003 min  
Response: 1721596  
Conc: 1.13 ng/ml



#21 Endrin ketone

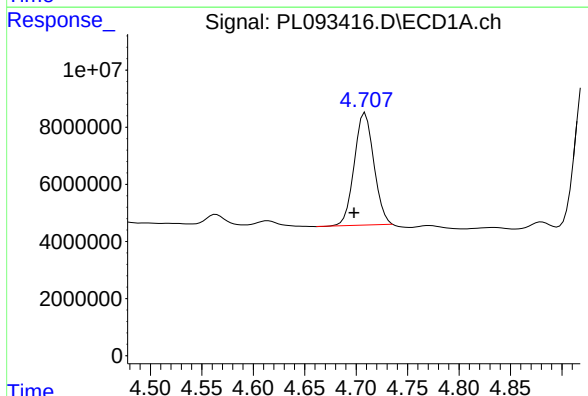
R.T.: 0.000 min  
Exp R.T.: 7.642 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :  
PB165704BL



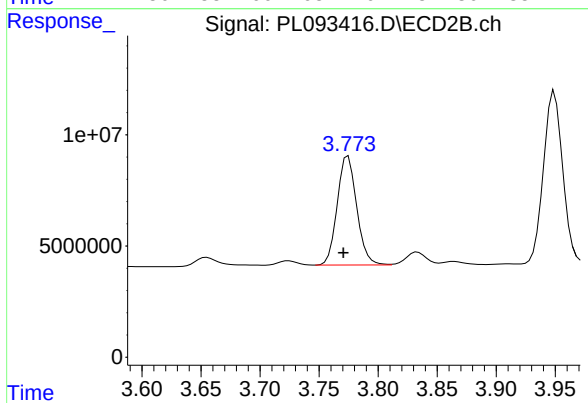
#21 Endrin ketone

R.T.: 6.823 min  
Delta R.T.: -0.016 min  
Response: 512105  
Conc: 0.15 ng/ml



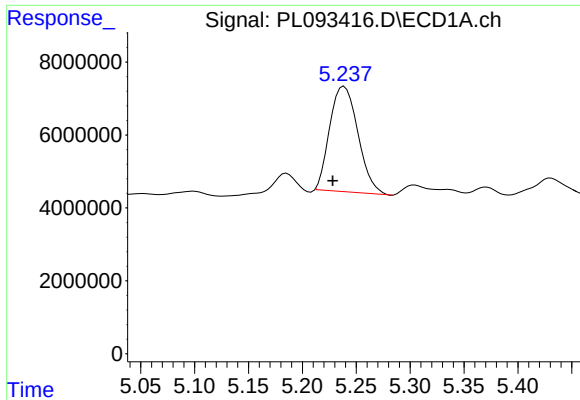
#23 Chlordane-1

R.T.: 4.709 min  
Delta R.T.: 0.011 min  
Response: 52101574  
Conc: 465.92 ng/ml



#23 Chlordane-1

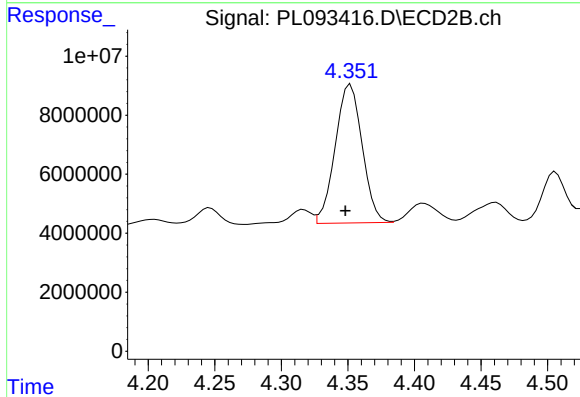
R.T.: 3.775 min  
Delta R.T.: 0.004 min  
Response: 56268723  
Conc: 484.12 ng/ml



#24 Chlordane-2

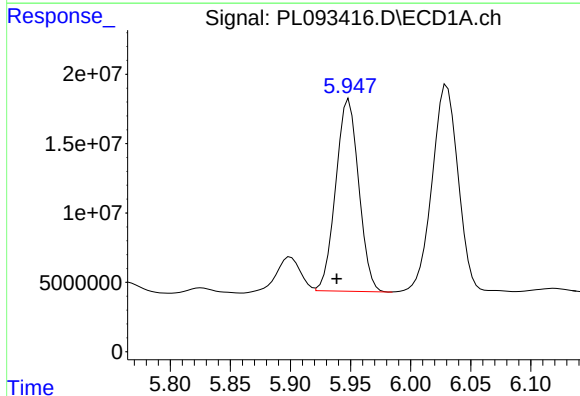
R.T.: 5.239 min  
Delta R.T.: 0.011 min  
Response: 52657277  
Conc: 459.24 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB165704BL



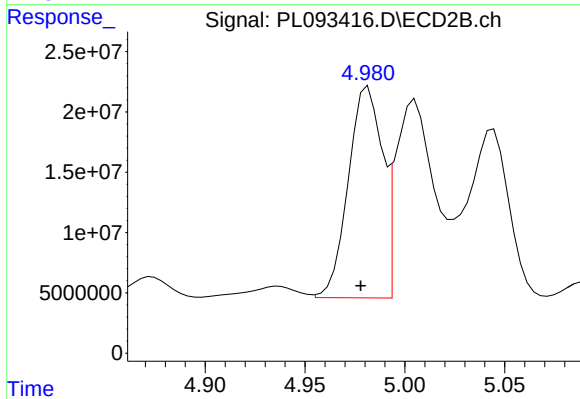
#24 Chlordane-2

R.T.: 4.352 min  
Delta R.T.: 0.004 min  
Response: 66184571  
Conc: 493.93 ng/ml



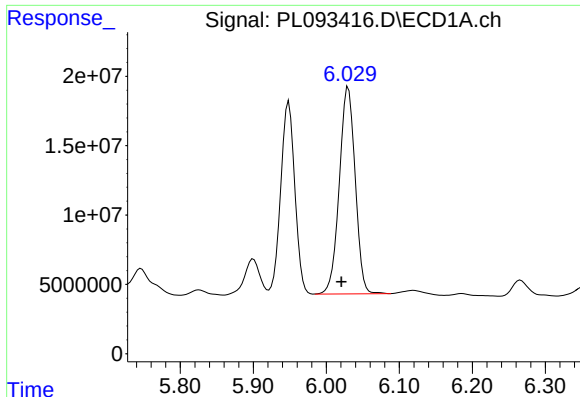
#25 Chlordane-3

R.T.: 5.949 min  
Delta R.T.: 0.010 min  
Response: 184414040  
Conc: 483.74 ng/ml



#25 Chlordane-3

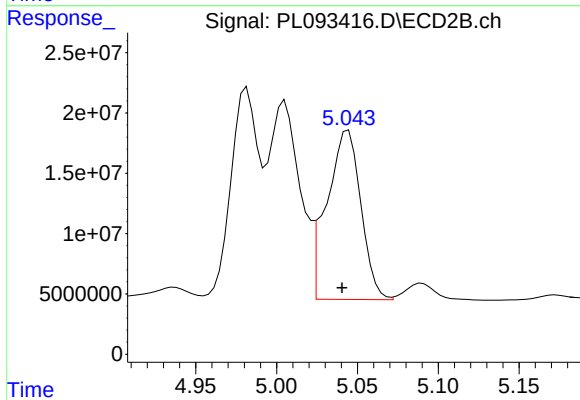
R.T.: 4.982 min  
Delta R.T.: 0.004 min  
Response: 206870338  
Conc: 514.84 ng/ml



#26 Chlordane-4

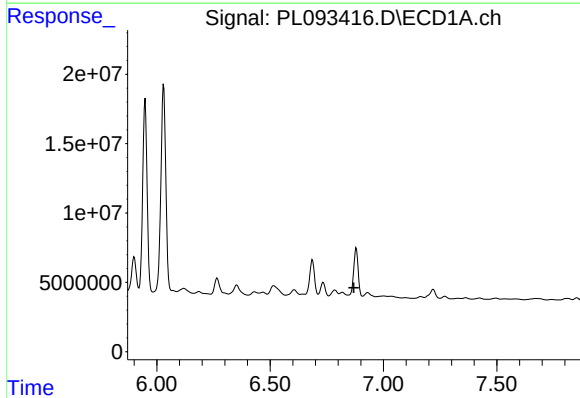
R.T.: 6.030 min  
Delta R.T.: 0.010 min  
Response: 225583933  
Conc: 485.31 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB165704BL



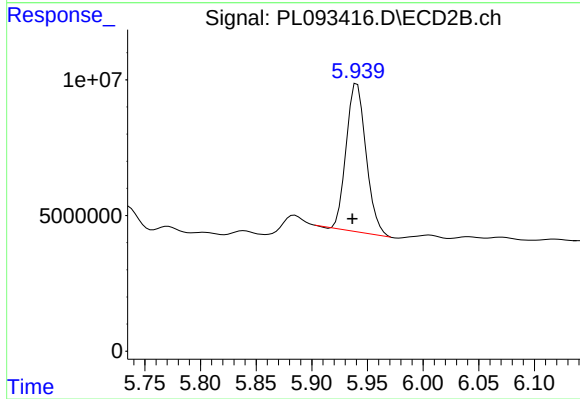
#26 Chlordane-4

R.T.: 5.044 min  
Delta R.T.: 0.004 min  
Response: 205115116  
Conc: 525.87 ng/ml



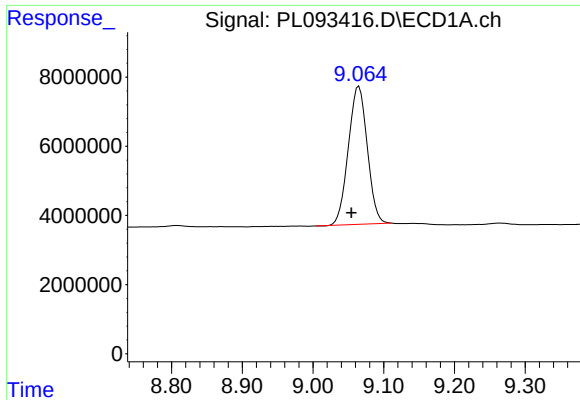
#27 Chlordane-5

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



#27 Chlordane-5

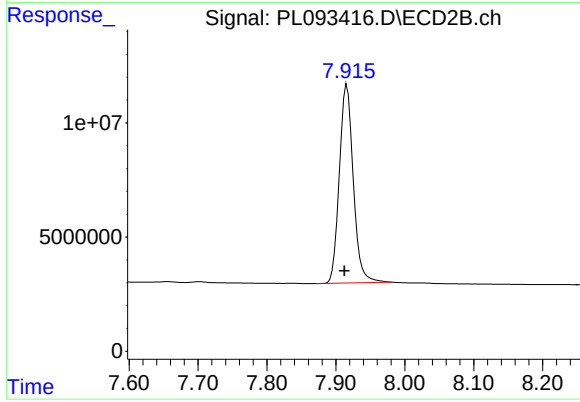
R.T.: 5.941 min  
Delta R.T.: 0.004 min  
Response: 67414109  
Conc: 491.99 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.065 min  
Delta R.T.: 0.011 min  
Response: 74500141  
Conc: 42.85 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB165704BL



#28 Decachlorobiphenyl

R.T.: 7.916 min  
Delta R.T.: 0.004 min  
Response: 122455962  
Conc: 42.87 ng/ml