

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL103020\  
 Data File : PL062716.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 30 Oct 2020 13:55  
 Operator : DD\AJ  
 Sample : PB132731BS  
 Misc :  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 PB132731BS

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Oct 30 17:26:28 2020  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL102120.M  
 Quant Title : GC Extractables  
 QLast Update : Thu Oct 22 04:25:31 2020  
 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... | 3.412 | 3.952  | 32964425 | 57727792 | 19.164   | 19.644     |
| 28)                         | SA Decachlor... | 8.127 | 8.992  | 35101372 | 49055592 | 21.880   | 23.438     |
| Target Compounds            |                 |       |        |          |          |          |            |
| 2)                          | A alpha-BHC     | 3.844 | 4.338  | 123.2E6  | 234.9E6  | 48.301   | 52.859     |
| 3)                          | MA gamma-BHC... | 4.123 | 4.621  | 110.1E6  | 216.4E6  | 47.539   | 51.824     |
| 4)                          | MA Heptachlor   | 4.420 | 5.126  | 99412190 | 198.3E6  | 46.329   | 49.727     |
| 5)                          | MB Aldrin       | 4.665 | 5.430  | 92987475 | 191.5E6  | 48.717   | 52.898     |
| 6)                          | B beta-BHC      | 4.372 | 4.792  | 45717639 | 93593712 | 47.862   | 49.704     |
| 7)                          | B delta-BHC     | 4.573 | 5.007  | 106.1E6  | 199.7E6  | 48.803   | 57.053     |
| 8)                          | B Heptachlo...  | 5.104 | 5.815  | 90584392 | 175.4E6  | 49.646   | 54.169     |
| 9)                          | A Endosulfan I  | 5.439 | 6.171  | 84036026 | 159.6E6  | 50.272   | 50.609     |
| 10)                         | B gamma-Chl...  | 5.329 | 6.049  | 88966274 | 173.3E6  | 49.382   | 51.484     |
| 11)                         | B alpha-Chl...  | 5.386 | 6.121  | 89124569 | 172.5E6  | 49.301   | 51.200     |
| 12)                         | B 4,4'-DDE      | 5.551 | 6.280  | 82120030 | 165.7E6  | 49.636   | 51.434     |
| 13)                         | MA Dieldrin     | 5.680 | 6.427  | 87565717 | 162.7E6  | 49.557   | 50.824     |
| 14)                         | MA Endrin       | 5.934 | 6.644  | 68034713 | 114.8E6  | 40.892   | 41.114     |
| 15)                         | B Endosulfa...  | 6.207 | 6.854  | 81711686 | 138.2E6  | 49.563   | 48.336     |
| 16)                         | A 4,4'-DDD      | 6.063 | 6.769  | 78892826 | 144.6E6  | 55.775   | 56.500     |
| 17)                         | MA 4,4'-DDT     | 6.302 | 7.068  | 53090005 | 93817599 | 39.781   | 41.785     |
| 18)                         | B Endrin al...  | 6.374 | 6.978  | 73668816 | 122.4E6  | 50.733   | 53.669     |
| 19)                         | B Endosulfa...  | 6.585 | 7.201  | 81262994 | 127.9E6  | 49.243   | 53.323     |
| 20)                         | A Methoxychlor  | 6.846 | 7.527  | 33226206 | 50790769 | 38.577   | 41.109     |
| 21)                         | B Endrin ke...  | 7.072 | 7.670  | 101.4E6  | 142.9E6  | 56.252   | 60.291     |
| 22)                         | Mirex           | 7.258 | 8.124  | 70941895 | 93510009 | 50.041   | 54.874     |
| 23)                         | Chlordane-1     | 0.000 | 4.955f | 0        | 2215479  | N.D.     | 22.072 #   |
| 24)                         | Chlordane-2     | 0.000 | 5.430f | 0        | 191.5E6  | N.D.     | 1755.981 # |
| 25)                         | Chlordane-3     | 5.329 | 6.049  | 88966274 | 173.3E6  | 580.989  | 429.055 #  |
| 26)                         | Chlordane-4     | 5.386 | 6.121  | 89124569 | 172.5E6  | 684.201  | 356.169 #  |
| 27)                         | Chlordane-5     | 6.207 | 0.000  | 81711686 | 0        | 1693.659 | N.D. #     |
| -----                       |                 |       |        |          |          |          |            |

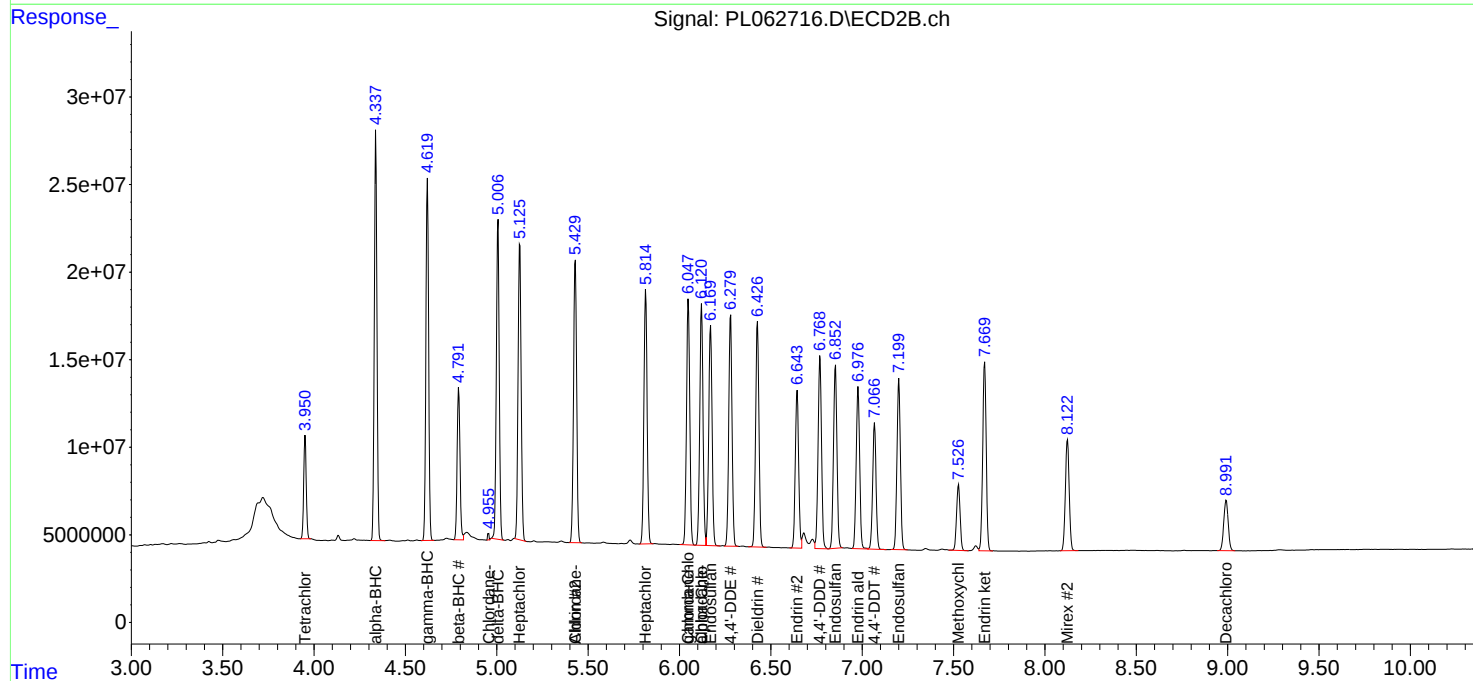
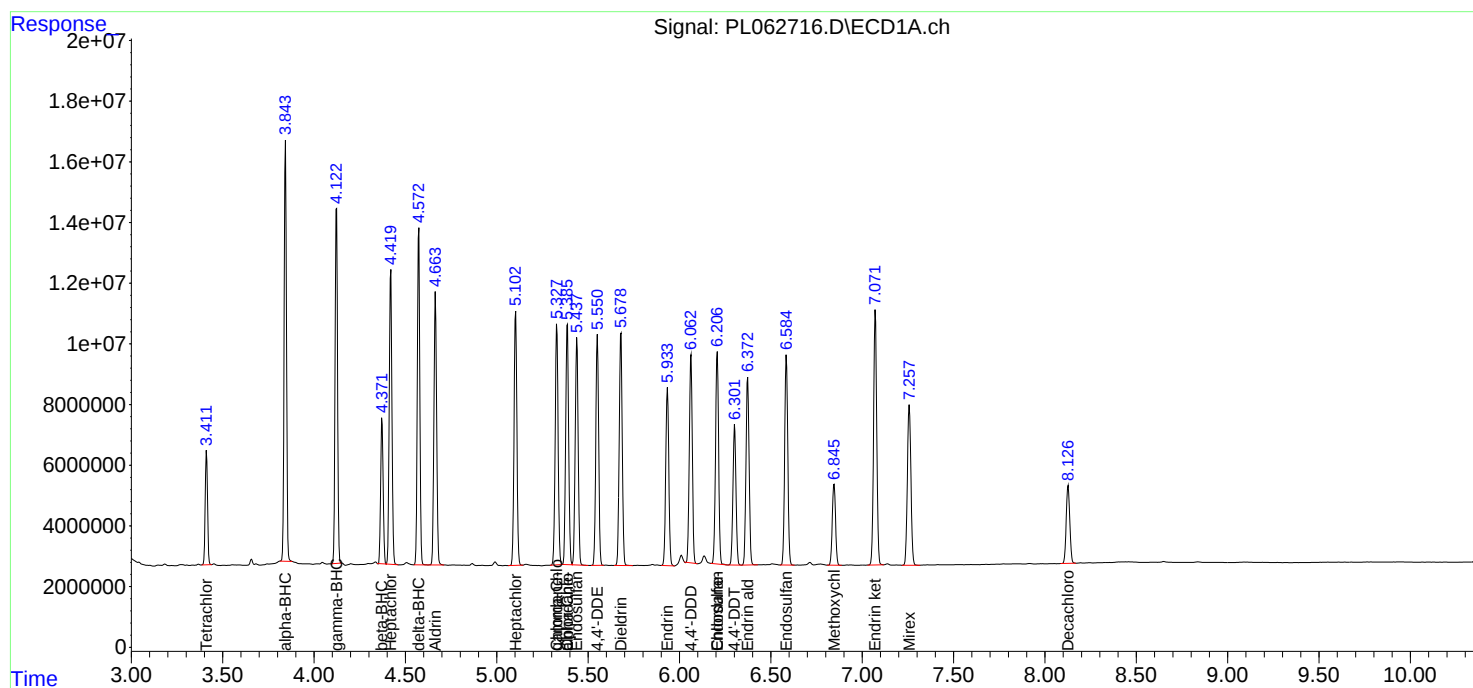
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

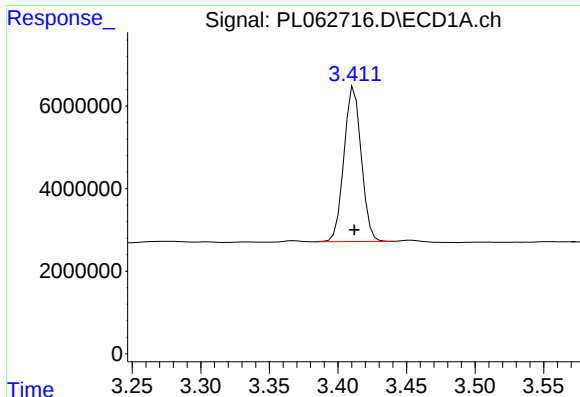
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL103020\  
Data File : PL062716.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 30 Oct 2020 13:55  
Operator : DD\AJ  
Sample : PB132731BS  
Misc :  
ALS Vial : 11 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleID :  
PB132731BS

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Oct 30 17:26:28 2020  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL102120.M  
Quant Title : GC Extractables  
QLast Update : Thu Oct 22 04:25:31 2020  
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

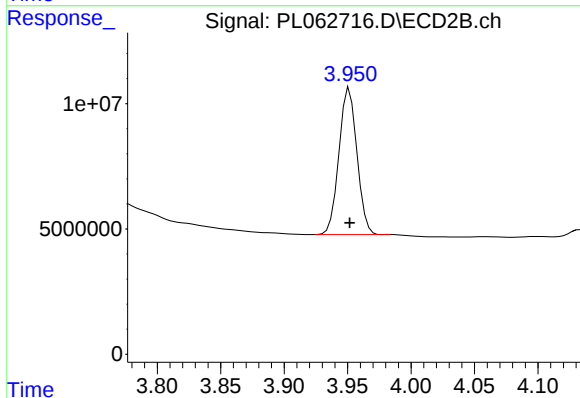




#1 Tetrachloro-m-xylene

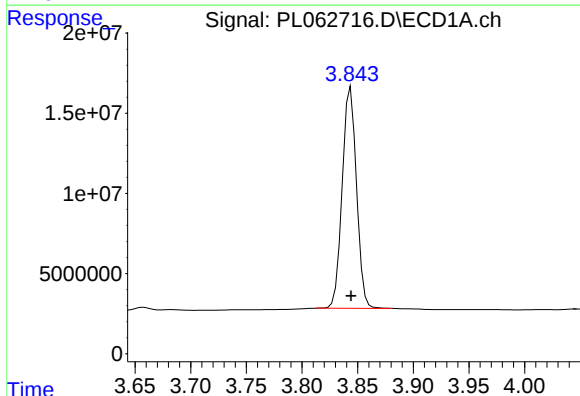
R.T.: 3.412 min  
Delta R.T.: 0.000 min  
Response: 32964425  
Conc: 19.16 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB132731BS



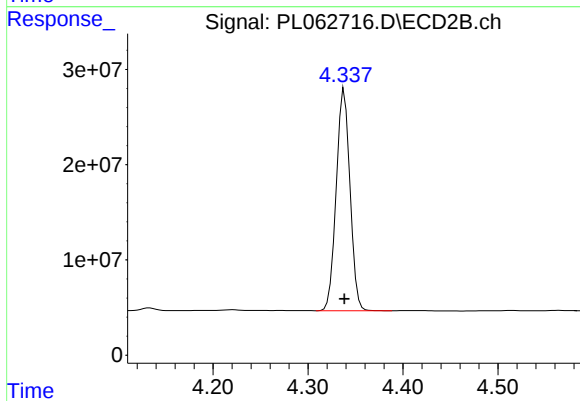
#1 Tetrachloro-m-xylene

R.T.: 3.952 min  
Delta R.T.: 0.000 min  
Response: 57727792  
Conc: 19.64 ng/ml



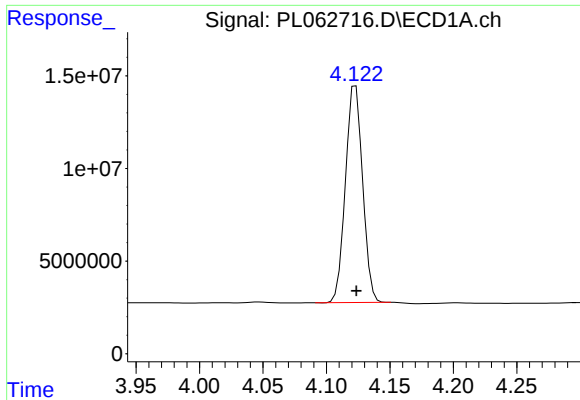
#2 alpha-BHC

R.T.: 3.844 min  
Delta R.T.: 0.000 min  
Response: 123152850  
Conc: 48.30 ng/ml



#2 alpha-BHC

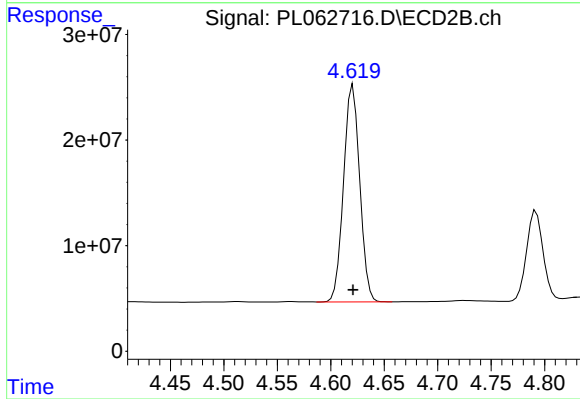
R.T.: 4.338 min  
Delta R.T.: 0.000 min  
Response: 234863095  
Conc: 52.86 ng/ml



#3 gamma-BHC (Lindane)

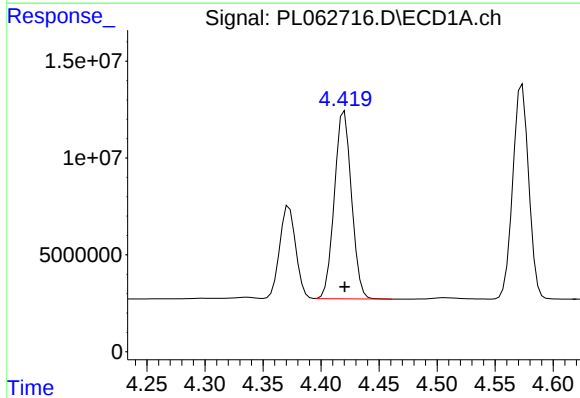
R.T.: 4.123 min  
Delta R.T.: 0.000 min  
Response: 110133403  
Conc: 47.54 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB132731BS



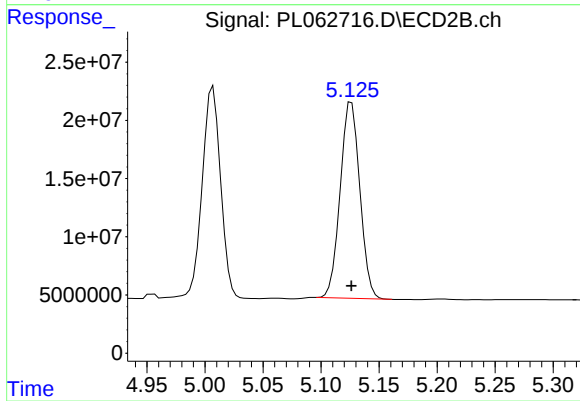
#3 gamma-BHC (Lindane)

R.T.: 4.621 min  
Delta R.T.: 0.000 min  
Response: 216402250  
Conc: 51.82 ng/ml



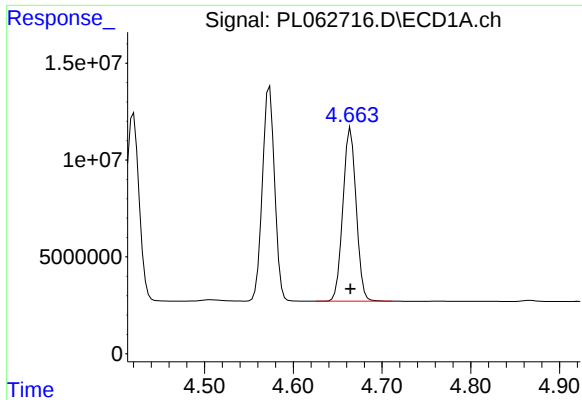
#4 Heptachlor

R.T.: 4.420 min  
Delta R.T.: 0.000 min  
Response: 99412190  
Conc: 46.33 ng/ml



#4 Heptachlor

R.T.: 5.126 min  
Delta R.T.: 0.000 min  
Response: 198308492  
Conc: 49.73 ng/ml



#5 Aldrin

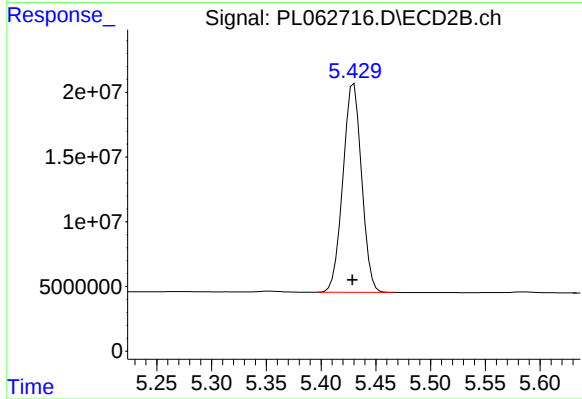
R.T.: 4.665 min

Delta R.T.: 0.000 min

Response: 92987475

Conc: 48.72 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB132731BS



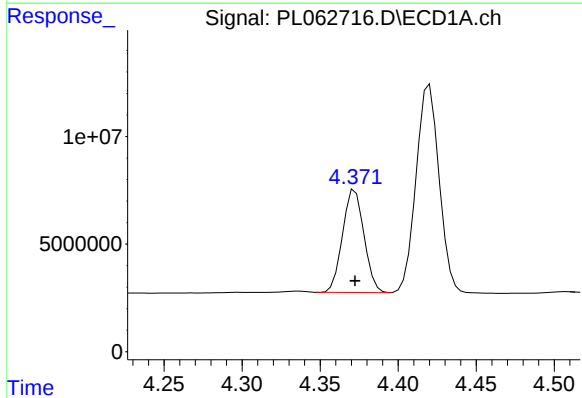
#5 Aldrin

R.T.: 5.430 min

Delta R.T.: 0.001 min

Response: 191465019

Conc: 52.90 ng/ml



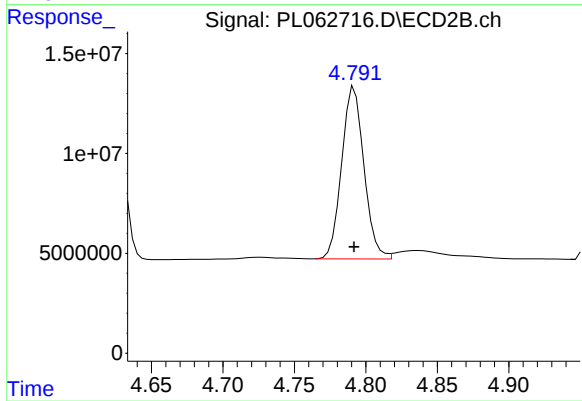
#6 beta-BHC

R.T.: 4.372 min

Delta R.T.: 0.000 min

Response: 45717639

Conc: 47.86 ng/ml



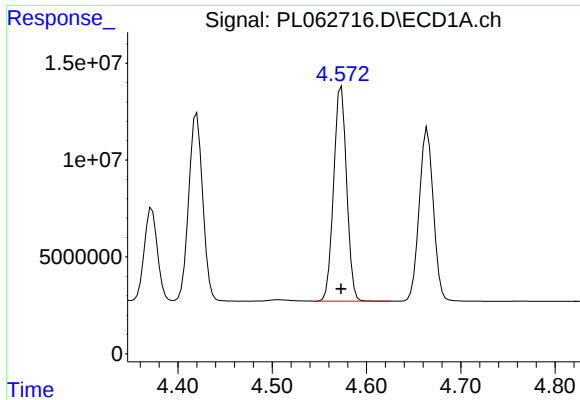
#6 beta-BHC

R.T.: 4.792 min

Delta R.T.: 0.000 min

Response: 93593712

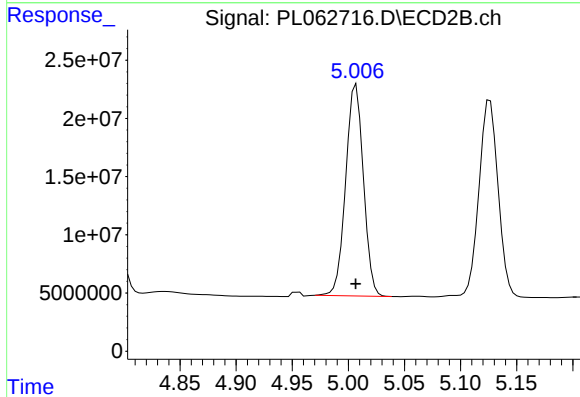
Conc: 49.70 ng/ml



#7 delta-BHC

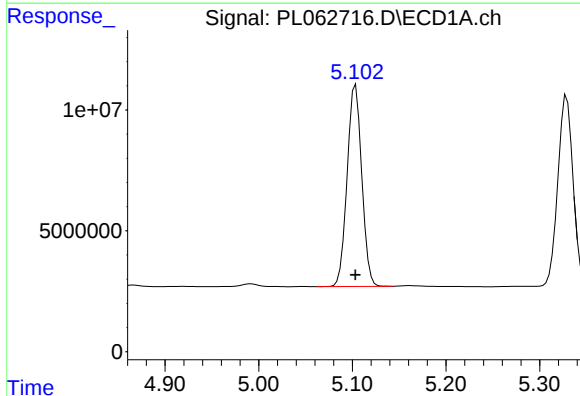
R.T.: 4.573 min  
Delta R.T.: 0.000 min  
Response: 106059732  
Conc: 48.80 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB132731BS



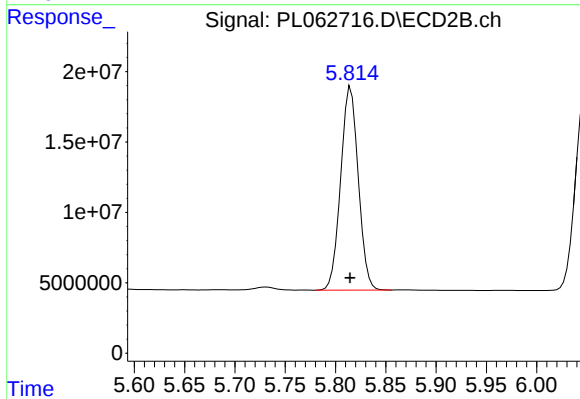
#7 delta-BHC

R.T.: 5.007 min  
Delta R.T.: 0.000 min  
Response: 199655380  
Conc: 57.05 ng/ml



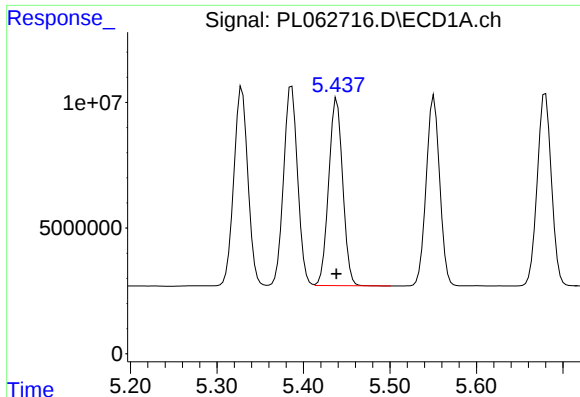
#8 Heptachlor epoxide

R.T.: 5.104 min  
Delta R.T.: 0.000 min  
Response: 90584392  
Conc: 49.65 ng/ml



#8 Heptachlor epoxide

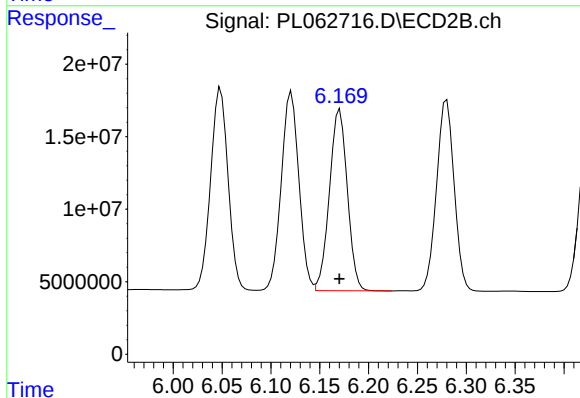
R.T.: 5.815 min  
Delta R.T.: 0.000 min  
Response: 175433662  
Conc: 54.17 ng/ml



#9 Endosulfan I

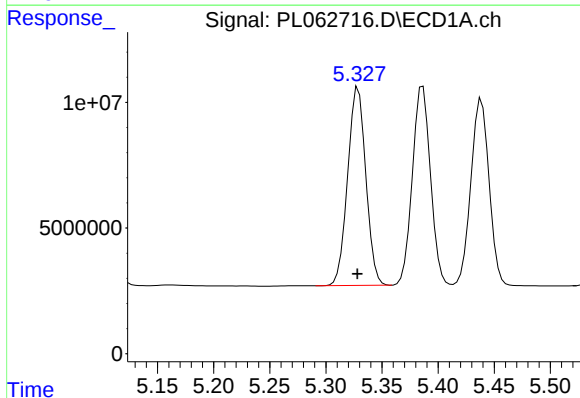
R.T.: 5.439 min  
Delta R.T.: 0.000 min  
Response: 84036026  
Conc: 50.27 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB132731BS



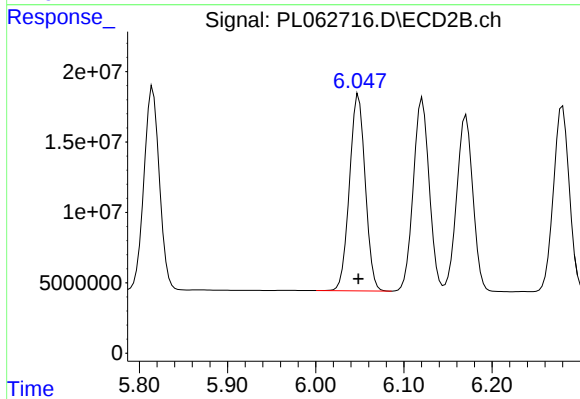
#9 Endosulfan I

R.T.: 6.171 min  
Delta R.T.: 0.000 min  
Response: 159611279  
Conc: 50.61 ng/ml



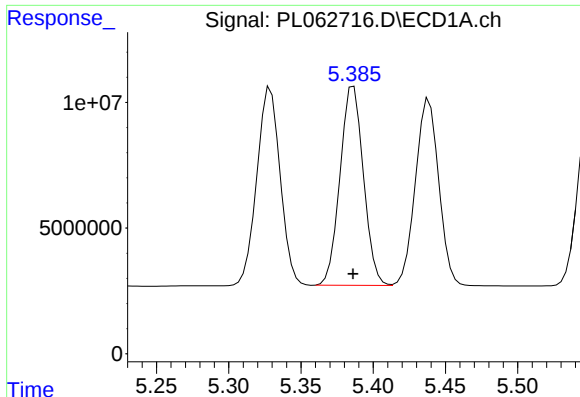
#10 gamma-Chlordane

R.T.: 5.329 min  
Delta R.T.: 0.000 min  
Response: 88966274  
Conc: 49.38 ng/ml



#10 gamma-Chlordane

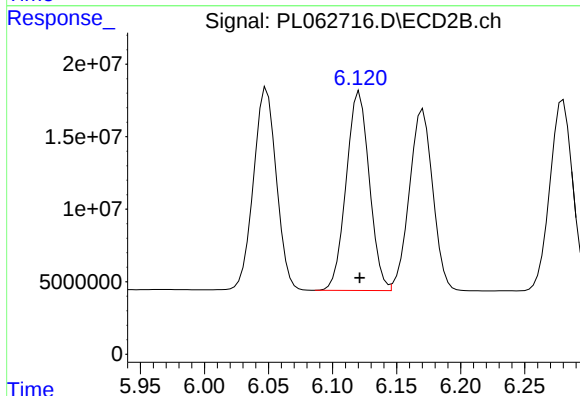
R.T.: 6.049 min  
Delta R.T.: 0.000 min  
Response: 173312825  
Conc: 51.48 ng/ml



#11 alpha-Chlordane

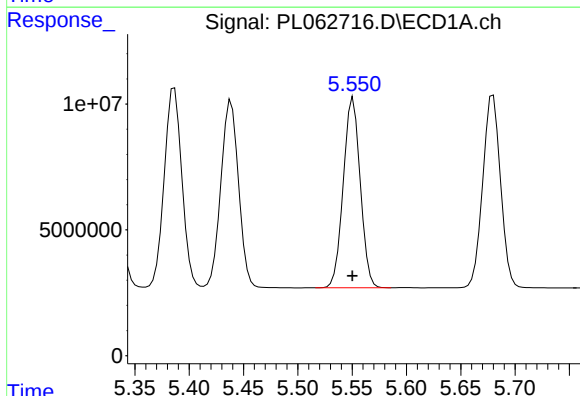
R.T.: 5.386 min  
Delta R.T.: 0.000 min  
Response: 89124569  
Conc: 49.30 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB132731BS



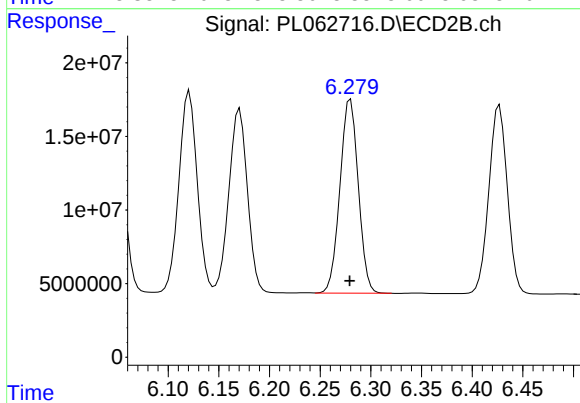
#11 alpha-Chlordane

R.T.: 6.121 min  
Delta R.T.: 0.000 min  
Response: 172487817  
Conc: 51.20 ng/ml



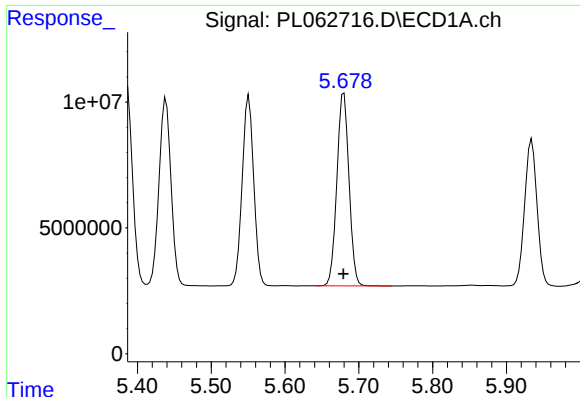
#12 4,4'-DDE

R.T.: 5.551 min  
Delta R.T.: 0.000 min  
Response: 82120030  
Conc: 49.64 ng/ml



#12 4,4'-DDE

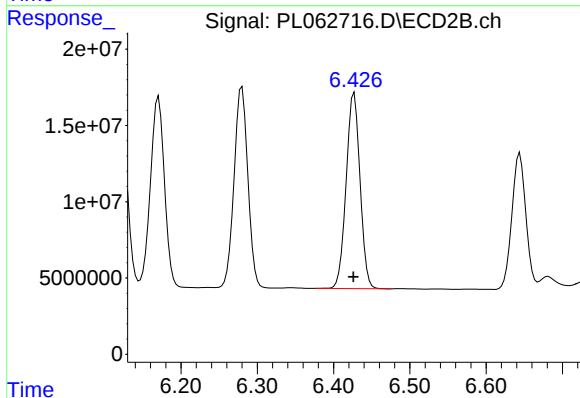
R.T.: 6.280 min  
Delta R.T.: 0.000 min  
Response: 165721000  
Conc: 51.43 ng/ml



#13 Dieldrin

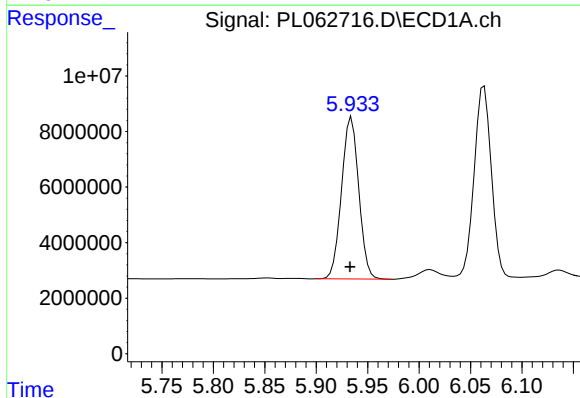
R.T.: 5.680 min  
Delta R.T.: 0.000 min  
Response: 87565717  
Conc: 49.56 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB132731BS



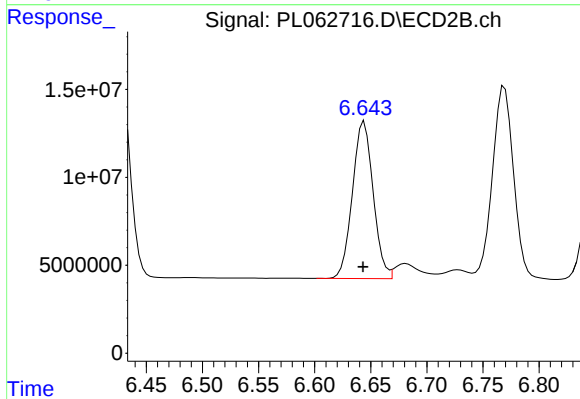
#13 Dieldrin

R.T.: 6.427 min  
Delta R.T.: 0.000 min  
Response: 162680539  
Conc: 50.82 ng/ml



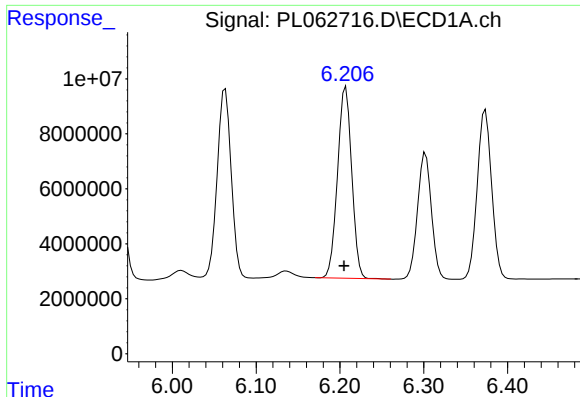
#14 Endrin

R.T.: 5.934 min  
Delta R.T.: 0.001 min  
Response: 68034713  
Conc: 40.89 ng/ml



#14 Endrin

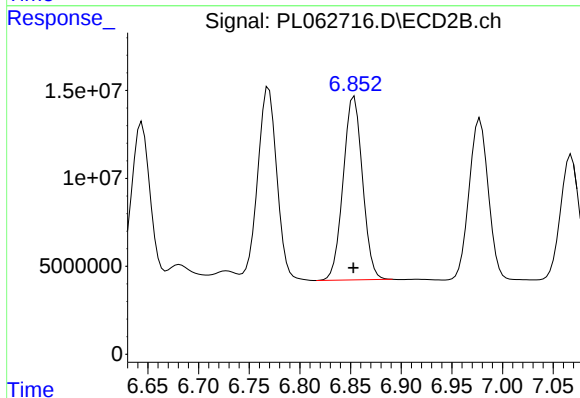
R.T.: 6.644 min  
Delta R.T.: 0.000 min  
Response: 114753908  
Conc: 41.11 ng/ml



#15 Endosulfan II

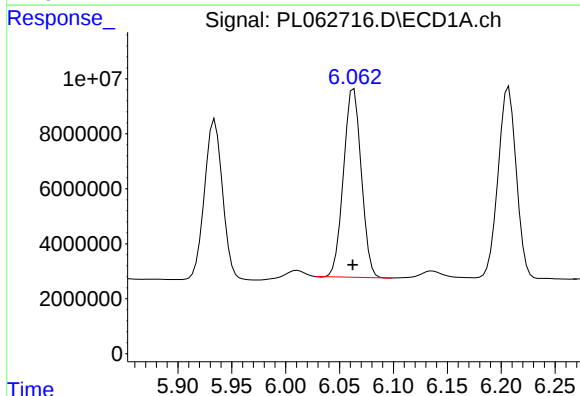
R.T.: 6.207 min  
Delta R.T.: 0.002 min  
Response: 81711686  
Conc: 49.56 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB132731BS



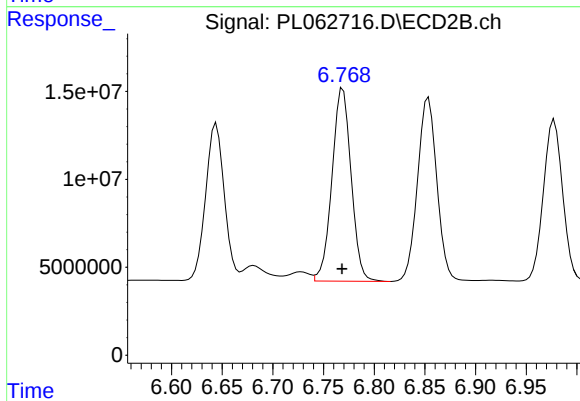
#15 Endosulfan II

R.T.: 6.854 min  
Delta R.T.: 0.000 min  
Response: 138174119  
Conc: 48.34 ng/ml



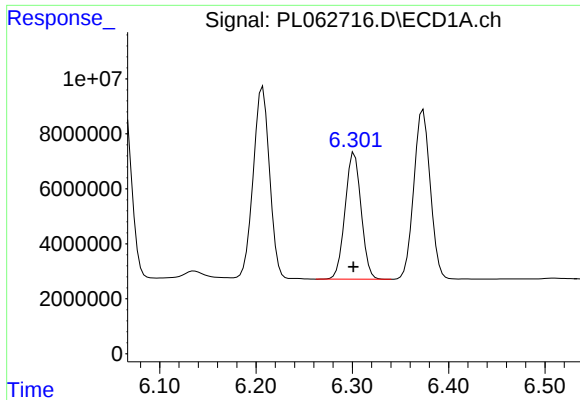
#16 4,4'-DDD

R.T.: 6.063 min  
Delta R.T.: 0.001 min  
Response: 78892826  
Conc: 55.77 ng/ml



#16 4,4'-DDD

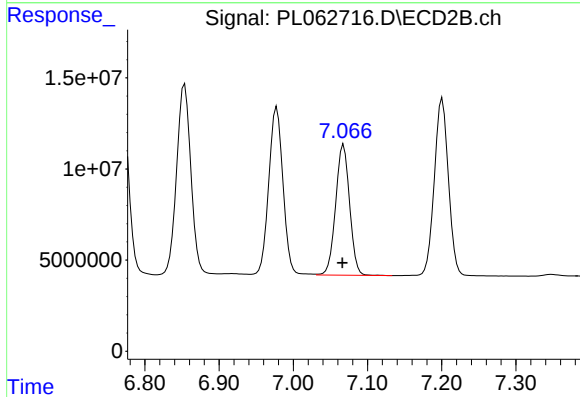
R.T.: 6.769 min  
Delta R.T.: 0.000 min  
Response: 144638622  
Conc: 56.50 ng/ml



#17 4,4'-DDT

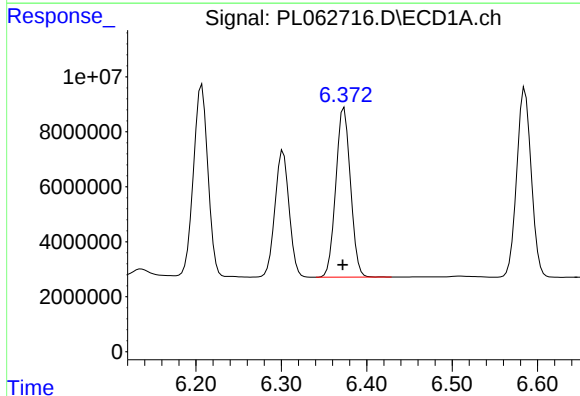
R.T.: 6.302 min  
Delta R.T.: 0.000 min  
Response: 53090005  
Conc: 39.78 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB132731BS



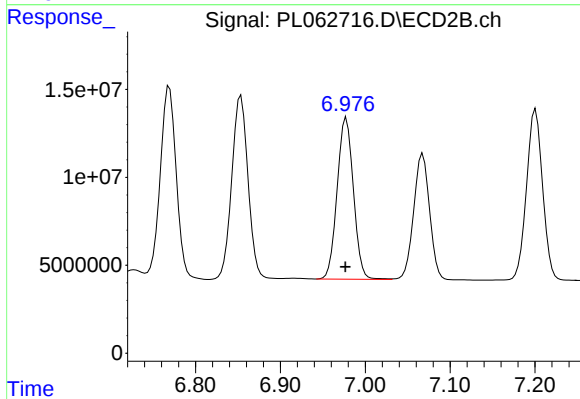
#17 4,4'-DDT

R.T.: 7.068 min  
Delta R.T.: 0.002 min  
Response: 93817599  
Conc: 41.78 ng/ml



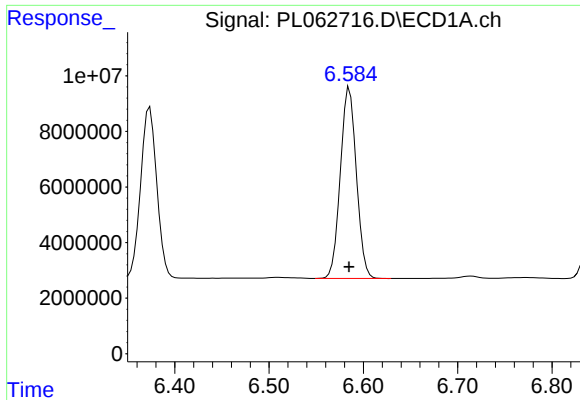
#18 Endrin aldehyde

R.T.: 6.374 min  
Delta R.T.: 0.002 min  
Response: 73668816  
Conc: 50.73 ng/ml



#18 Endrin aldehyde

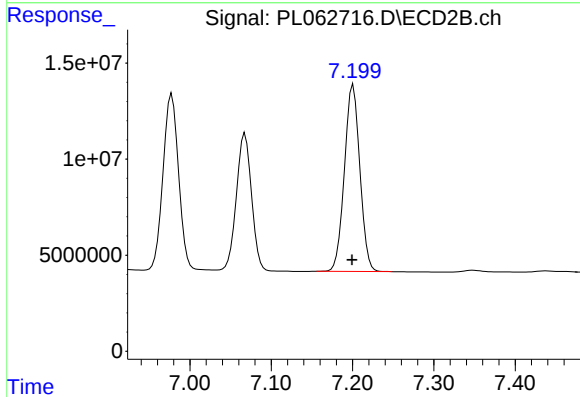
R.T.: 6.978 min  
Delta R.T.: 0.001 min  
Response: 122396260  
Conc: 53.67 ng/ml



#19 Endosulfan Sulfate

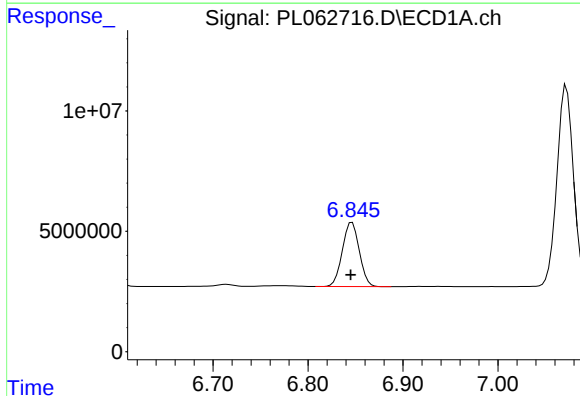
R.T.: 6.585 min  
Delta R.T.: 0.000 min  
Response: 81262994  
Conc: 49.24 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB132731BS



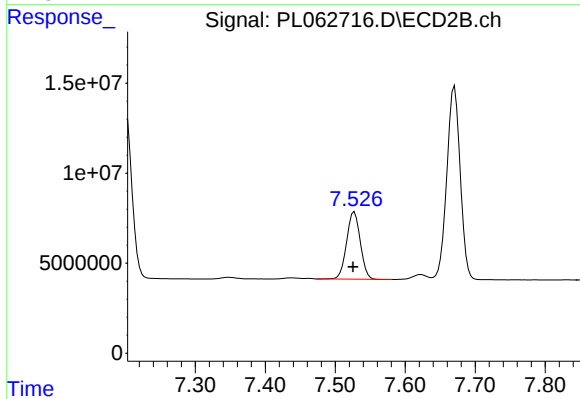
#19 Endosulfan Sulfate

R.T.: 7.201 min  
Delta R.T.: 0.001 min  
Response: 127933970  
Conc: 53.32 ng/ml



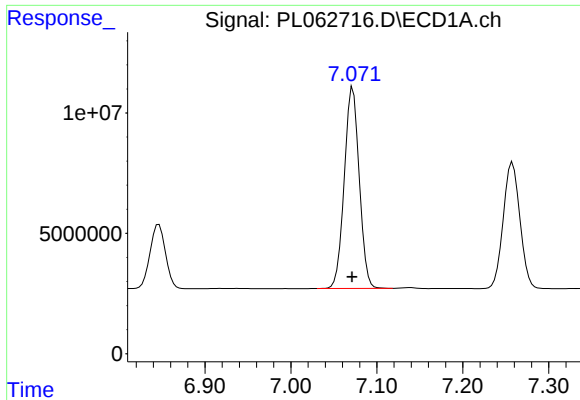
#20 Methoxychlor

R.T.: 6.846 min  
Delta R.T.: 0.001 min  
Response: 33226206  
Conc: 38.58 ng/ml



#20 Methoxychlor

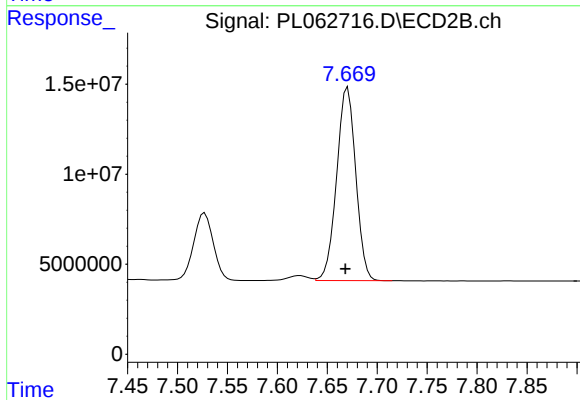
R.T.: 7.527 min  
Delta R.T.: 0.002 min  
Response: 50790769  
Conc: 41.11 ng/ml



#21 Endrin ketone

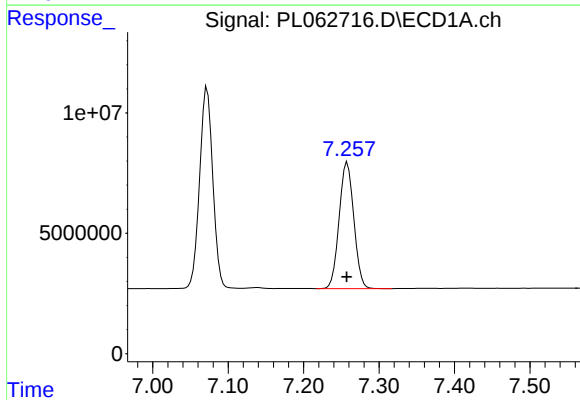
R.T.: 7.072 min  
Delta R.T.: 0.001 min  
Response: 101422939  
Conc: 56.25 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB132731BS



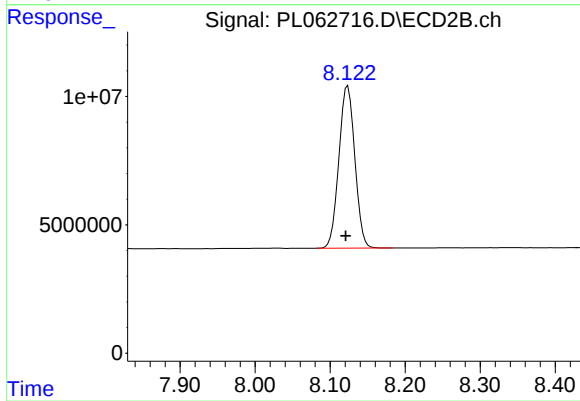
#21 Endrin ketone

R.T.: 7.670 min  
Delta R.T.: 0.002 min  
Response: 142878145  
Conc: 60.29 ng/ml



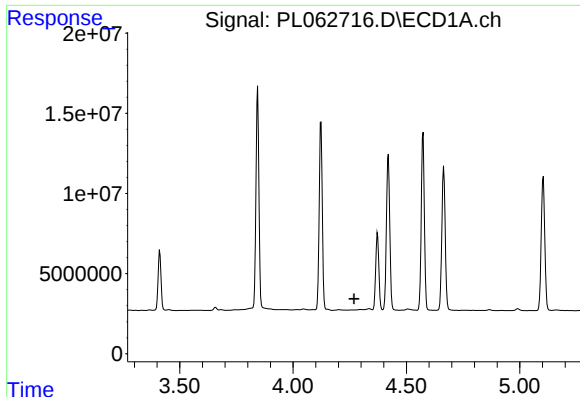
#22 Mirex

R.T.: 7.258 min  
Delta R.T.: 0.000 min  
Response: 70941895  
Conc: 50.04 ng/ml



#22 Mirex

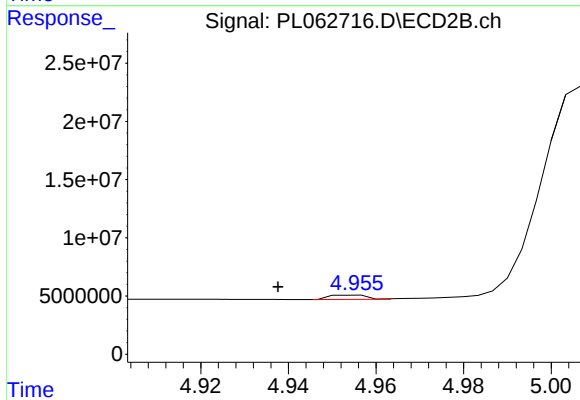
R.T.: 8.124 min  
Delta R.T.: 0.002 min  
Response: 93510009  
Conc: 54.87 ng/ml



#23 Chlordane-1

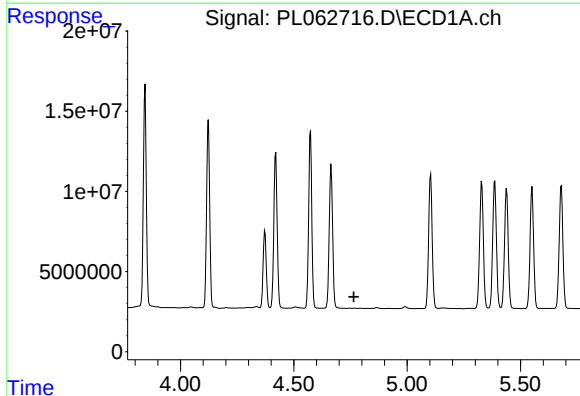
R.T.: 0.000 min  
Exp R.T.: 4.269 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :  
PB132731BS



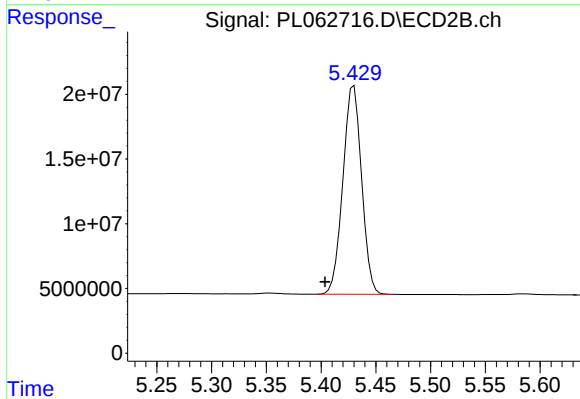
#23 Chlordane-1

R.T.: 4.955 min  
Delta R.T.: 0.018 min  
Response: 2215479  
Conc: 22.07 ng/ml



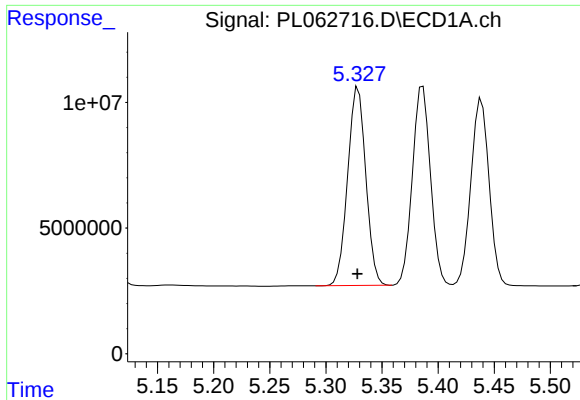
#24 Chlordane-2

R.T.: 0.000 min  
Exp R.T.: 4.765 min  
Response: 0  
Conc: N.D.



#24 Chlordane-2

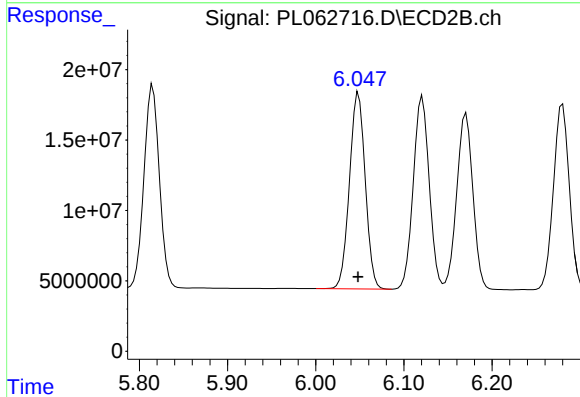
R.T.: 5.430 min  
Delta R.T.: 0.026 min  
Response: 191465019  
Conc: 1755.98 ng/ml



#25 Chlordane-3

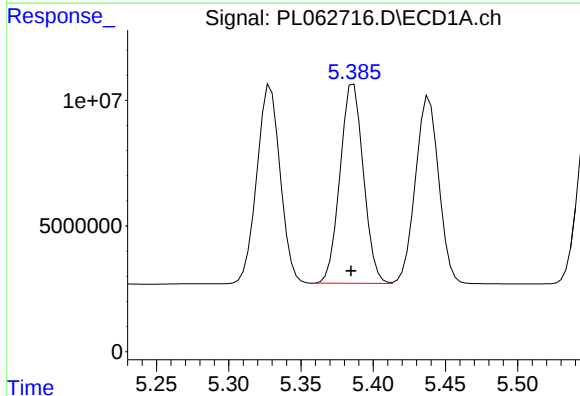
R.T.: 5.329 min  
Delta R.T.: 0.001 min  
Response: 88966274  
Conc: 580.99 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB132731BS



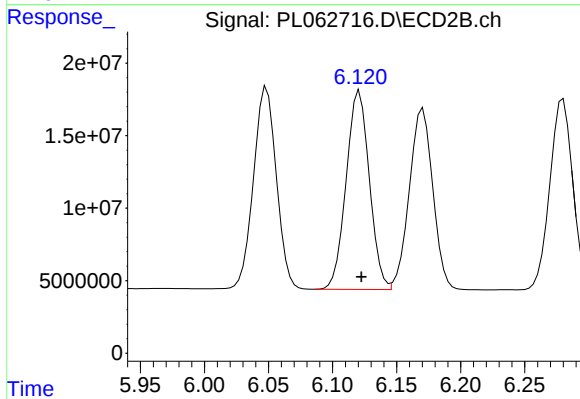
#25 Chlordane-3

R.T.: 6.049 min  
Delta R.T.: 0.000 min  
Response: 173312825  
Conc: 429.05 ng/ml



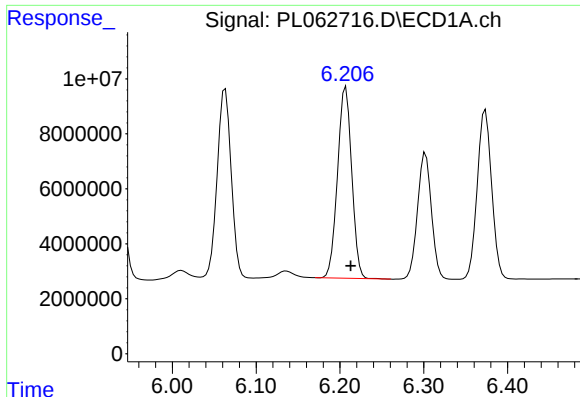
#26 Chlordane-4

R.T.: 5.386 min  
Delta R.T.: 0.002 min  
Response: 89124569  
Conc: 684.20 ng/ml



#26 Chlordane-4

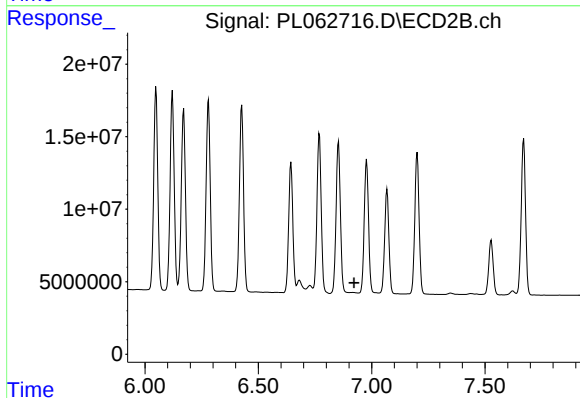
R.T.: 6.121 min  
Delta R.T.: -0.002 min  
Response: 172487817  
Conc: 356.17 ng/ml



#27 Chlordane-5

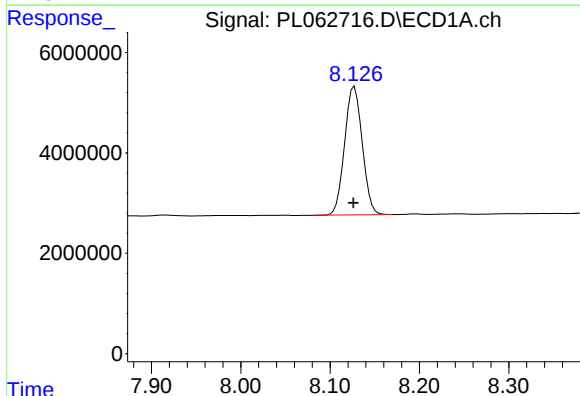
R.T.: 6.207 min  
Delta R.T.: -0.006 min  
Response: 81711686  
Conc: 1693.66 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB132731BS



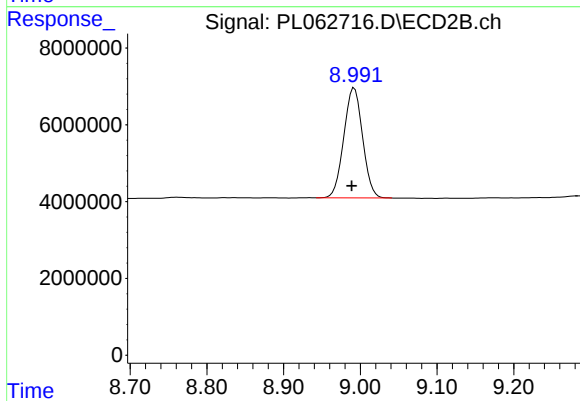
#27 Chlordane-5

R.T.: 0.000 min  
Exp R.T.: 6.923 min  
Response: 0  
Conc: N.D.



#28 Decachlorobiphenyl

R.T.: 8.127 min  
Delta R.T.: 0.000 min  
Response: 35101372  
Conc: 21.88 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.992 min  
Delta R.T.: 0.003 min  
Response: 49055592  
Conc: 23.44 ng/ml