

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL042519\  
 Data File : PL047771.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 25 Apr 2019 14:20  
 Operator : AJ\SJ  
 Sample : K2533-01MS  
 Misc :  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 PST-028-B001-042219MS

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Apr 26 01:03:33 2019  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL042419.M  
 Quant Title : GC Extractables  
 QLast Update : Thu Apr 25 01:53:03 2019  
 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... | 3.330 | 3.942 | 244.8E6 | 64639200 | 26.468   | 27.077    |
| 28)                         | SA Decachlor... | 8.002 | 8.981 | 229.4E6 | 65580863 | 20.489   | 22.974    |
| Target Compounds            |                 |       |       |         |          |          |           |
| 2)                          | A alpha-BHC     | 3.758 | 4.331 | 892.6E6 | 207.6E6  | 61.061   | 62.559    |
| 3)                          | MA gamma-BHC... | 4.035 | 4.614 | 834.1E6 | 192.3E6  | 62.925   | 61.311    |
| 4)                          | MA Heptachlor   | 4.320 | 5.118 | 866.8E6 | 200.6E6  | 60.835   | 59.698    |
| 5)                          | MB Aldrin       | 4.559 | 5.421 | 838.9E6 | 186.9E6  | 60.240   | 59.899    |
| 6)                          | B beta-BHC      | 4.288 | 4.788 | 341.0E6 | 88837113 | 60.360   | 61.657    |
| 7)                          | B delta-BHC     | 4.482 | 5.003 | 699.4E6 | 121.7E6  | 53.842   | 48.445    |
| 8)                          | B Heptachlor... | 4.996 | 5.807 | 766.4E6 | 159.8E6  | 59.801   | 57.166    |
| 9)                          | A Endosulfan I  | 5.327 | 6.163 | 710.1E6 | 161.8E6  | 58.719   | 57.603    |
| 10)                         | B gamma-Chl...  | 5.219 | 6.042 | 793.1E6 | 174.2E6  | 59.569   | 57.572    |
| 11)                         | B alpha-Chl...  | 5.275 | 6.113 | 770.8E6 | 174.4E6  | 59.073   | 57.650    |
| 12)                         | B 4,4'-DDE      | 5.443 | 6.273 | 984.8E6 | 218.4E6  | 79.171   | 79.085    |
| 13)                         | MA Dieldrin     | 5.567 | 6.420 | 781.2E6 | 171.2E6  | 60.178   | 58.548    |
| 14)                         | MA Endrin       | 5.819 | 6.637 | 717.5E6 | 148.8E6  | 60.380   | 58.272    |
| 15)                         | B Endosulfa...  | 6.094 | 6.847 | 643.0E6 | 149.6E6  | 57.432   | 57.023    |
| 16)                         | A 4,4'-DDD      | 5.954 | 6.763 | 577.7E6 | 132.2E6  | 58.748   | 58.888    |
| 17)                         | MA 4,4'-DDT     | 6.189 | 7.060 | 710.6E6 | 163.2E6  | 71.278   | 68.505    |
| 18)                         | B Endrin al...  | 6.261 | 6.971 | 511.3E6 | 125.0E6  | 54.193   | 54.126    |
| 19)                         | B Endosulfa...  | 6.473 | 7.194 | 587.7E6 | 140.9E6  | 52.726   | 51.442    |
| 20)                         | A Methoxychlor  | 6.734 | 7.520 | 296.5E6 | 76217198 | 55.743   | 54.357    |
| 21)                         | B Endrin ke...  | 6.955 | 7.663 | 656.8E6 | 155.2E6  | 55.383   | 55.204    |
| 22)                         | Mirex           | 7.129 | 8.114 | 464.6E6 | 120.4E6  | 49.493   | 51.758    |
| 23)                         | Chlordane-1     | 0.000 | 5.003 | 0       | 121.7E6  | N.D.     | 475.037 # |
| 24)                         | Chlordane-2     | 0.000 | 5.421 | 0       | 186.9E6  | N.D.     | 600.760 # |
| 25)                         | Chlordane-3     | 5.275 | 6.113 | 770.8E6 | 174.4E6  | 584.682  | 588.793   |
| 26)                         | Chlordane-4     | 5.327 | 6.163 | 710.1E6 | 161.8E6  | 577.908  | 587.337   |
| 27)                         | Chlordane-5     | 6.094 | 6.971 | 643.0E6 | 125.0E6  | 1516.668 | 554.898 # |
| -----                       |                 |       |       |         |          |          |           |

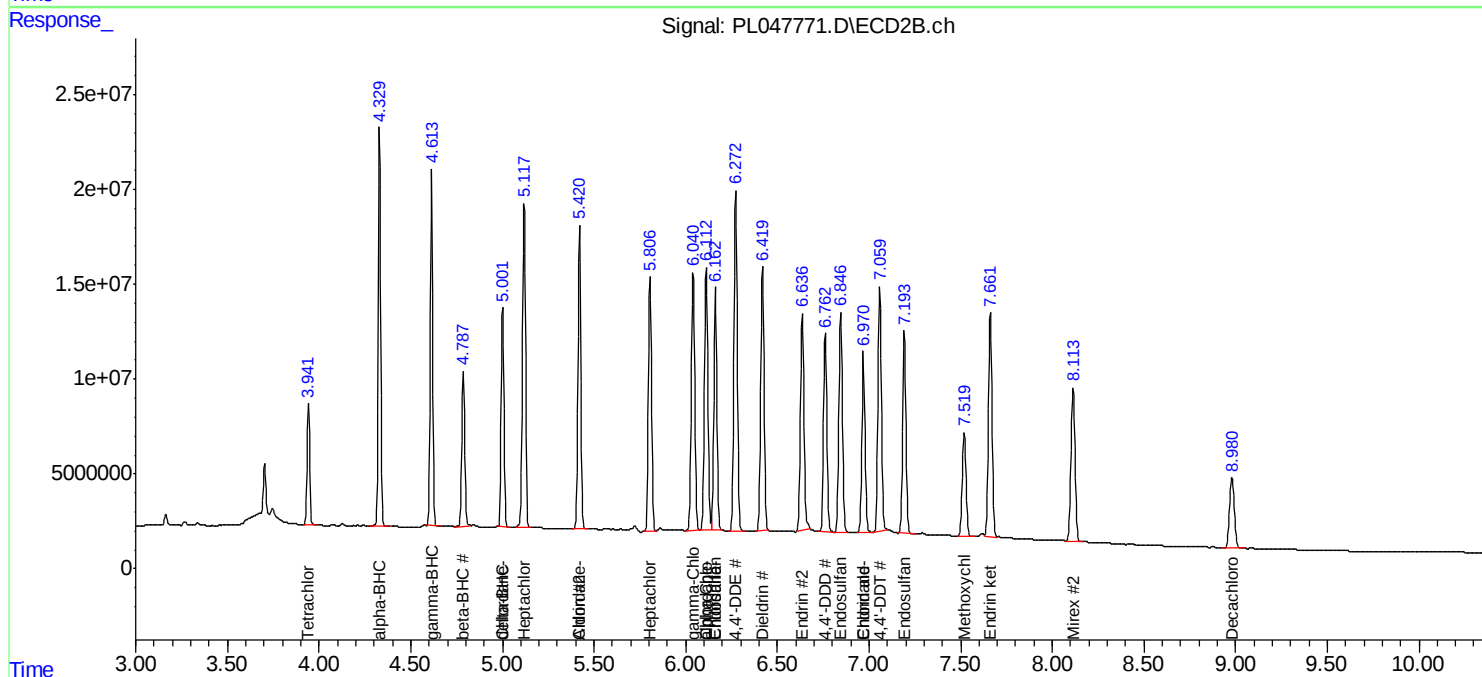
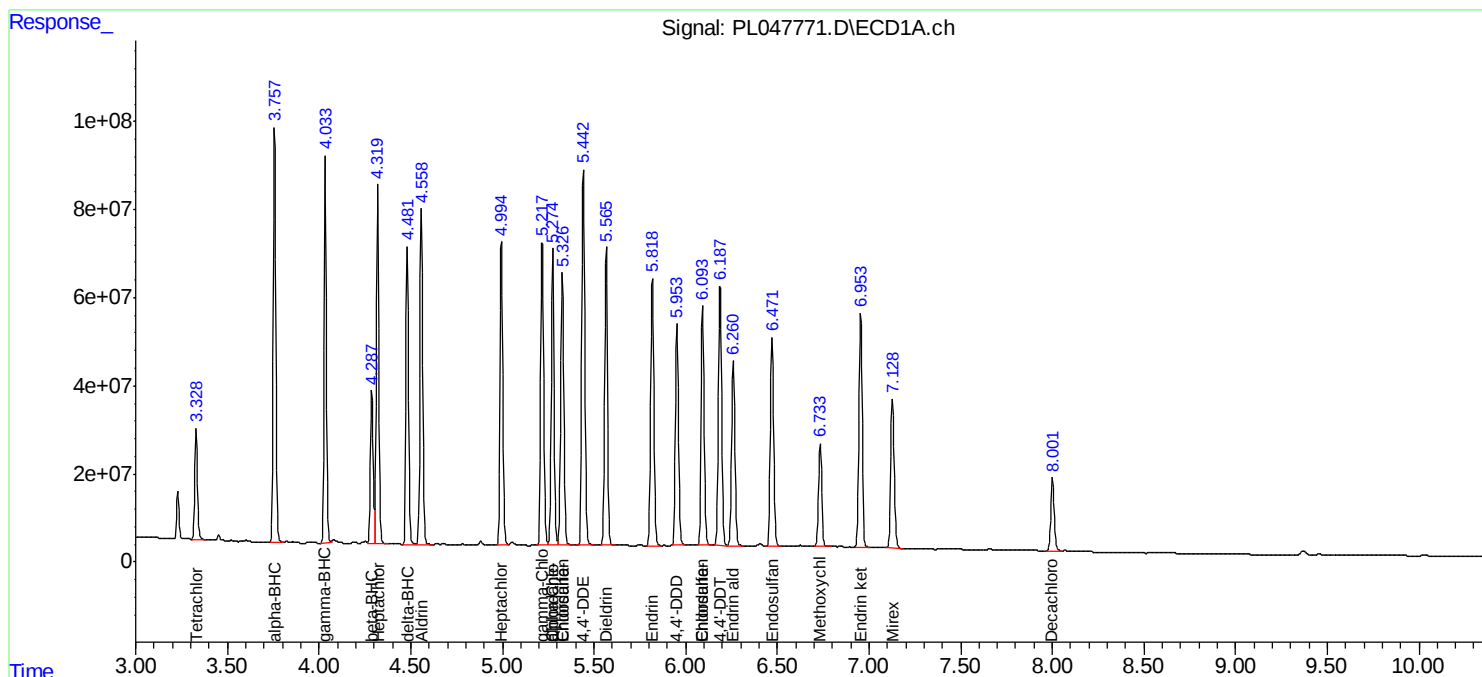
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

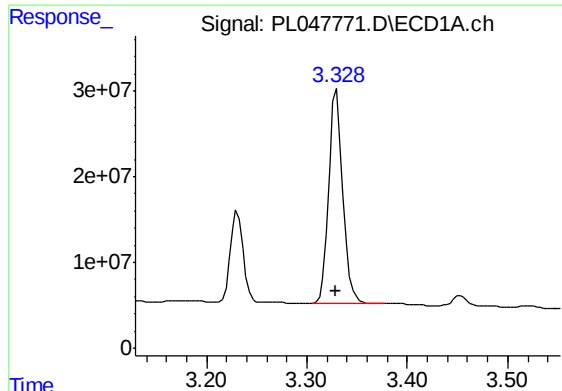
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL042519\  
Data File : PL047771.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 25 Apr 2019 14:20  
Operator : AJ\SJ  
Sample : K2533-01MS  
Misc :  
ALS Vial : 9 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :  
PST-028-B001-042219MS

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Apr 26 01:03:33 2019  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL042419.M  
Quant Title : GC Extractables  
QLast Update : Thu Apr 25 01:53:03 2019  
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

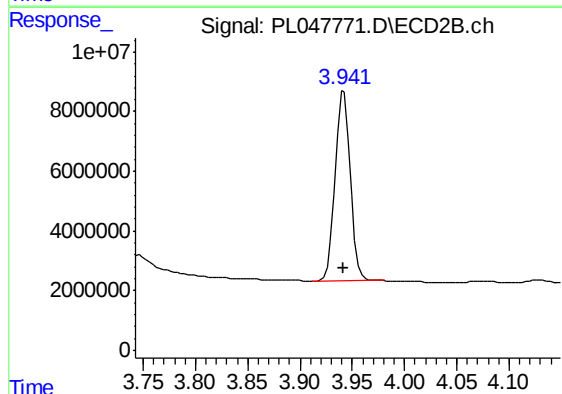




#1 Tetrachloro-m-xylene

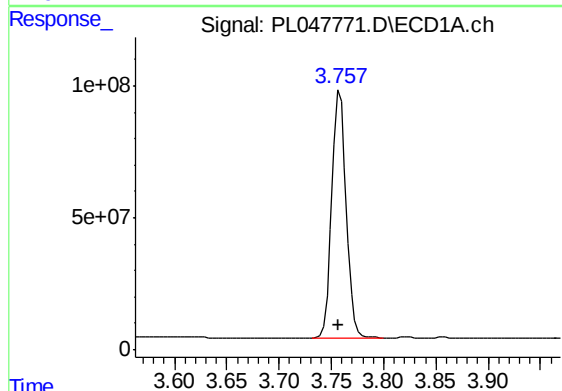
R.T.: 3.330 min  
Delta R.T.: 0.000 min  
Response: 244783913  
Conc: 26.47 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PST-028-B001-042219MS



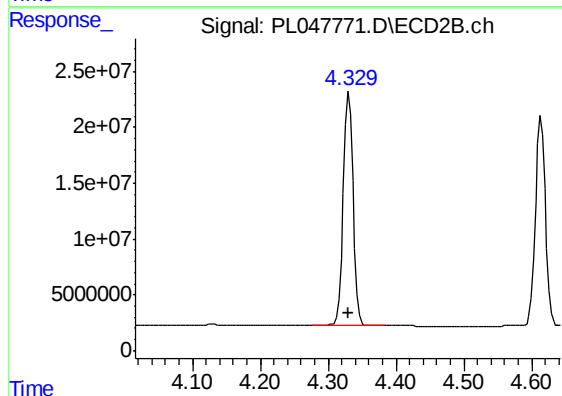
#1 Tetrachloro-m-xylene

R.T.: 3.942 min  
Delta R.T.: 0.000 min  
Response: 64639200  
Conc: 27.08 ng/ml



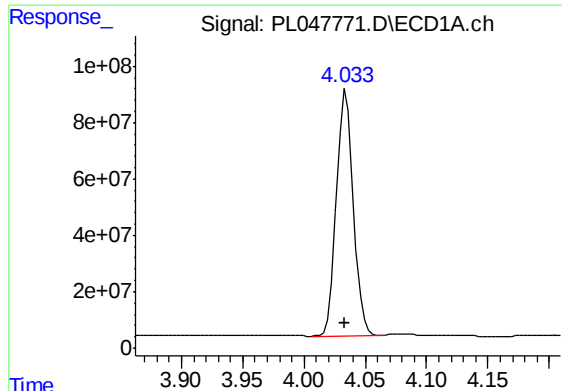
#2 alpha-BHC

R.T.: 3.758 min  
Delta R.T.: 0.001 min  
Response: 892619819  
Conc: 61.06 ng/ml



#2 alpha-BHC

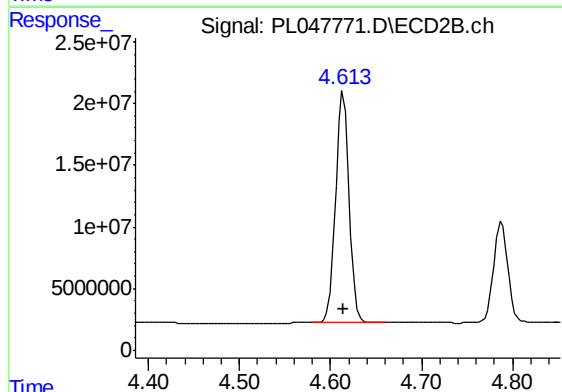
R.T.: 4.331 min  
Delta R.T.: 0.000 min  
Response: 207614496  
Conc: 62.56 ng/ml



#3 gamma-BHC (Lindane)

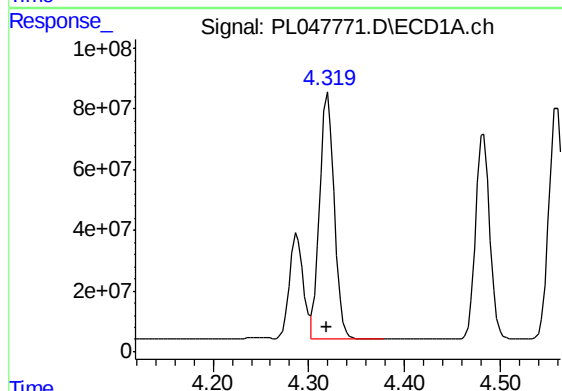
R.T.: 4.035 min  
Delta R.T.: 0.000 min  
Response: 834053160  
Conc: 62.93 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PST-028-B001-042219MS



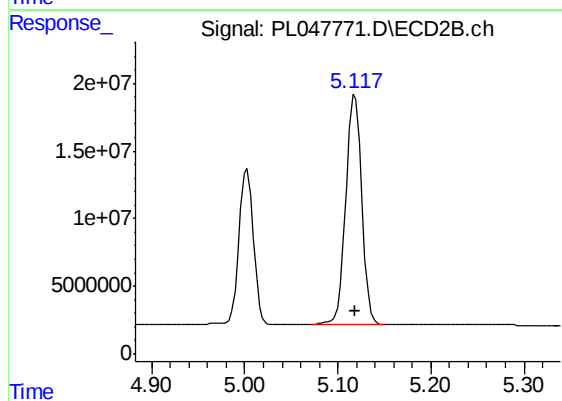
#3 gamma-BHC (Lindane)

R.T.: 4.614 min  
Delta R.T.: 0.000 min  
Response: 192300278  
Conc: 61.31 ng/ml



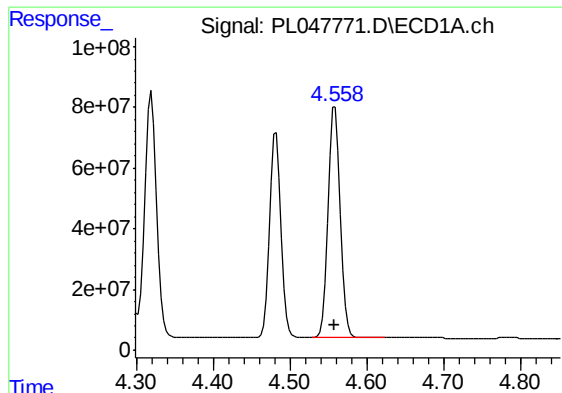
#4 Heptachlor

R.T.: 4.320 min  
Delta R.T.: 0.001 min  
Response: 866780035  
Conc: 60.83 ng/ml



#4 Heptachlor

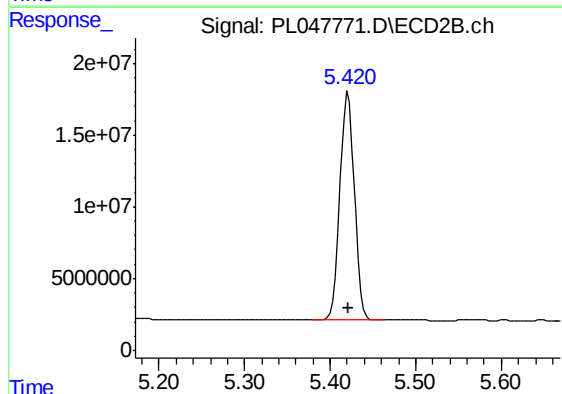
R.T.: 5.118 min  
Delta R.T.: 0.000 min  
Response: 200630444  
Conc: 59.70 ng/ml



#5 Aldrin

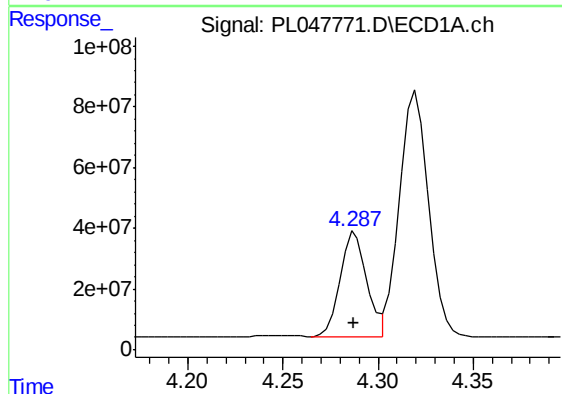
R.T.: 4.559 min  
Delta R.T.: 0.000 min  
Response: 838885553  
Conc: 60.24 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PST-028-B001-042219MS



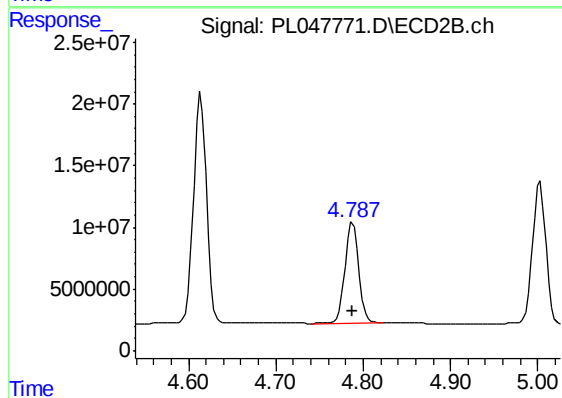
#5 Aldrin

R.T.: 5.421 min  
Delta R.T.: 0.000 min  
Response: 186943972  
Conc: 59.90 ng/ml



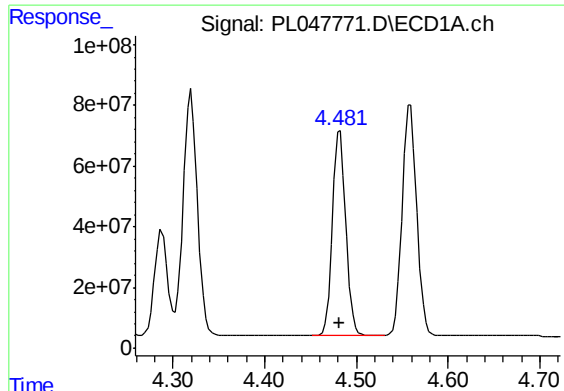
#6 beta-BHC

R.T.: 4.288 min  
Delta R.T.: 0.001 min  
Response: 341034427  
Conc: 60.36 ng/ml



#6 beta-BHC

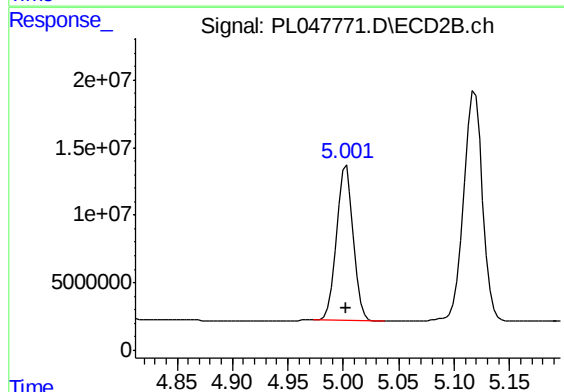
R.T.: 4.788 min  
Delta R.T.: 0.000 min  
Response: 88837113  
Conc: 61.66 ng/ml



#7 delta-BHC

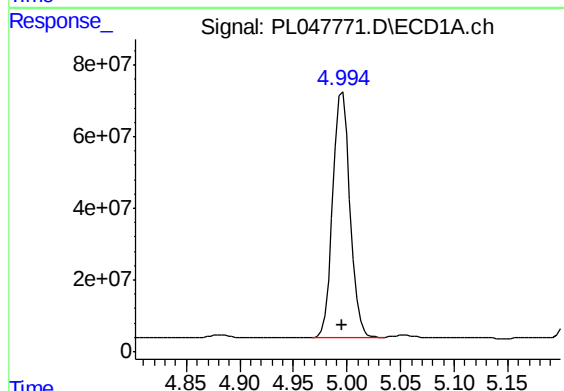
R.T.: 4.482 min  
Delta R.T.: 0.001 min  
Response: 699443198  
Conc: 53.84 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PST-028-B001-042219MS



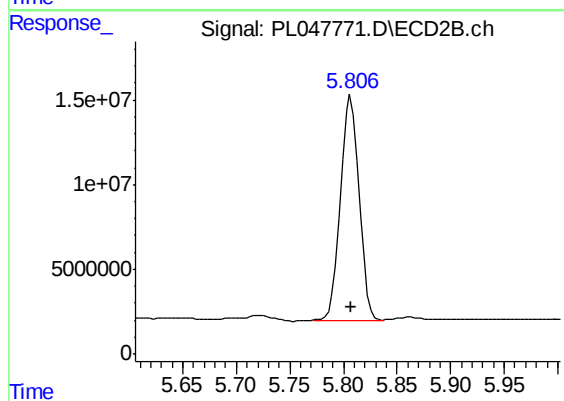
#7 delta-BHC

R.T.: 5.003 min  
Delta R.T.: 0.000 min  
Response: 121706285  
Conc: 48.44 ng/ml



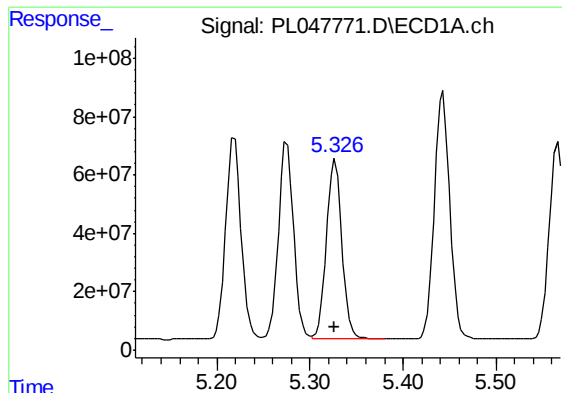
#8 Heptachlor epoxide

R.T.: 4.996 min  
Delta R.T.: 0.000 min  
Response: 766358268  
Conc: 59.80 ng/ml



#8 Heptachlor epoxide

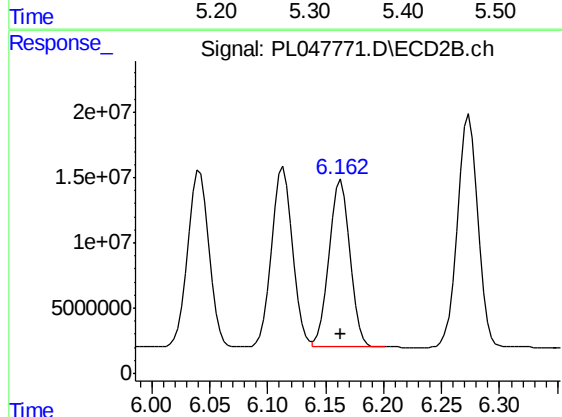
R.T.: 5.807 min  
Delta R.T.: 0.000 min  
Response: 159764208  
Conc: 57.17 ng/ml



#9 Endosulfan I

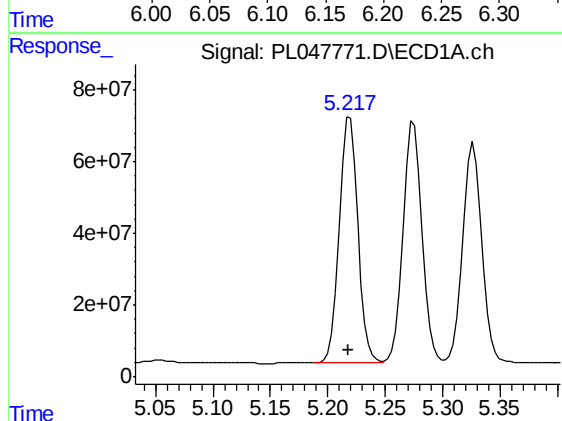
R.T.: 5.327 min  
Delta R.T.: 0.000 min  
Response: 710098389  
Conc: 58.72 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PST-028-B001-042219MS



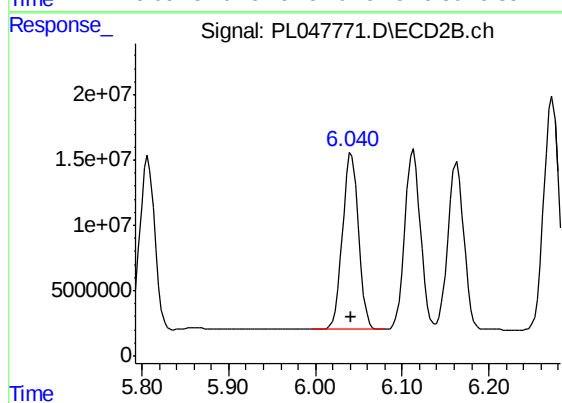
#9 Endosulfan I

R.T.: 6.163 min  
Delta R.T.: 0.000 min  
Response: 161750807  
Conc: 57.60 ng/ml



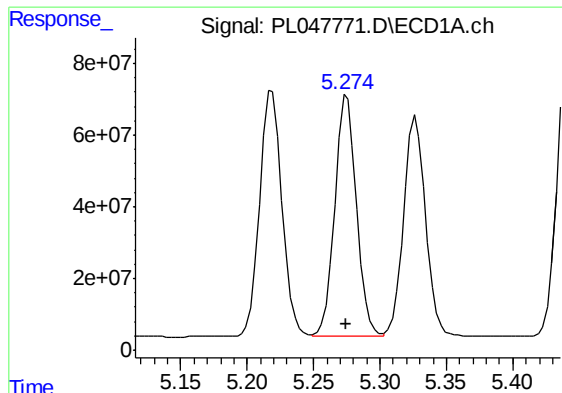
#10 gamma-Chlordane

R.T.: 5.219 min  
Delta R.T.: 0.001 min  
Response: 793073914  
Conc: 59.57 ng/ml



#10 gamma-Chlordane

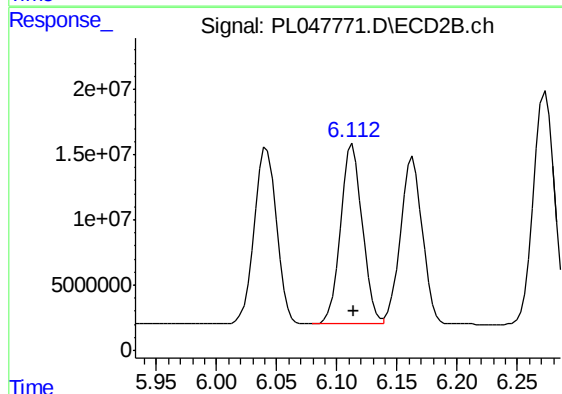
R.T.: 6.042 min  
Delta R.T.: 0.000 min  
Response: 174233801  
Conc: 57.57 ng/ml



#11 alpha-Chlordane

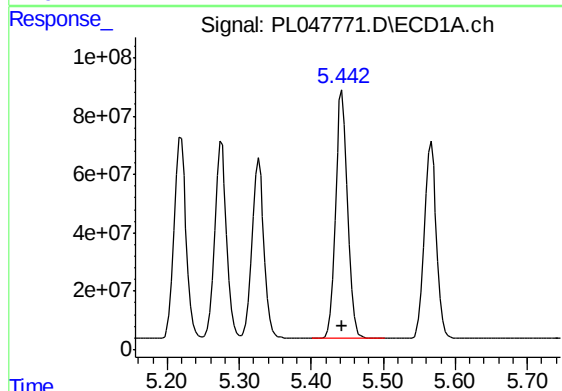
R.T.: 5.275 min  
Delta R.T.: 0.001 min  
Response: 770829484  
Conc: 59.07 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PST-028-B001-042219MS



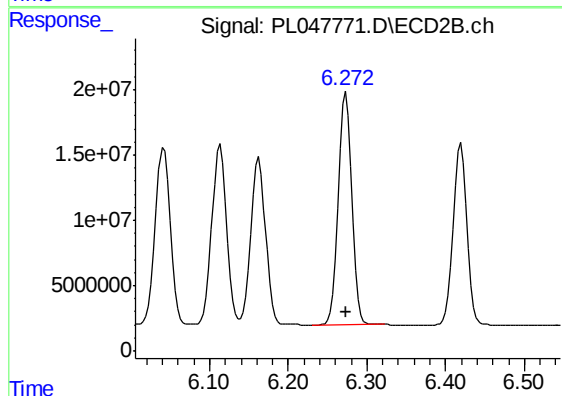
#11 alpha-Chlordane

R.T.: 6.113 min  
Delta R.T.: 0.000 min  
Response: 174415828  
Conc: 57.65 ng/ml



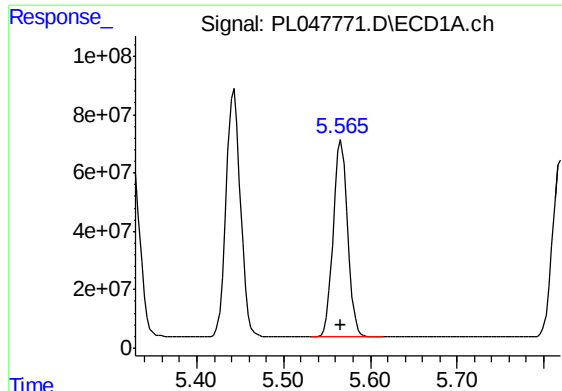
#12 4,4'-DDE

R.T.: 5.443 min  
Delta R.T.: 0.000 min  
Response: 984801742  
Conc: 79.17 ng/ml



#12 4,4'-DDE

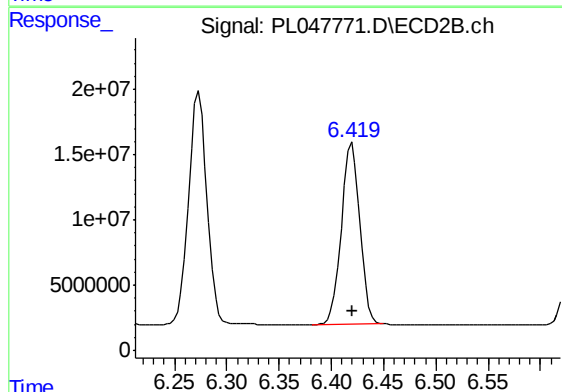
R.T.: 6.273 min  
Delta R.T.: 0.000 min  
Response: 218383329  
Conc: 79.09 ng/ml



#13 Dielldrin

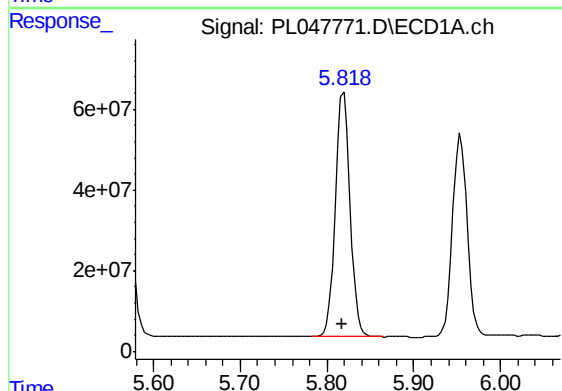
R.T.: 5.567 min  
Delta R.T.: 0.000 min  
Response: 781214872  
Conc: 60.18 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PST-028-B001-042219MS



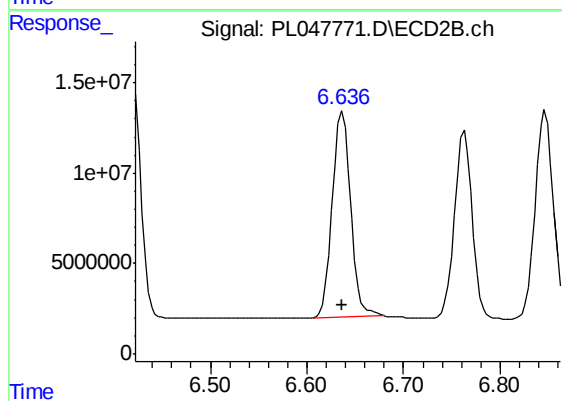
#13 Dielldrin

R.T.: 6.420 min  
Delta R.T.: 0.000 min  
Response: 171159087  
Conc: 58.55 ng/ml



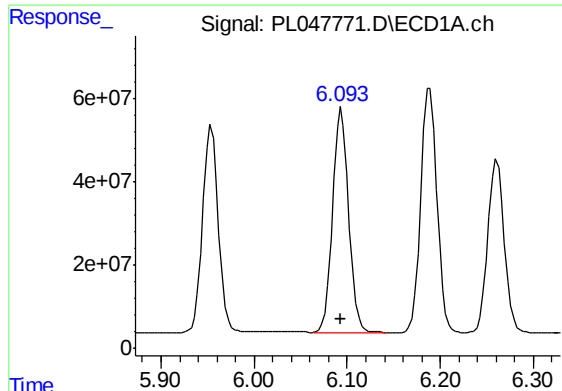
#14 Endrin

R.T.: 5.819 min  
Delta R.T.: 0.001 min  
Response: 717542476  
Conc: 60.38 ng/ml



#14 Endrin

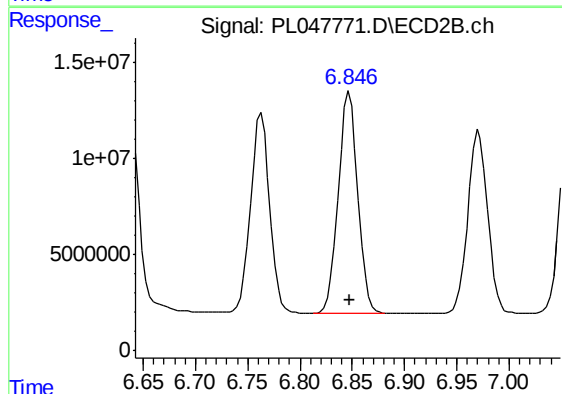
R.T.: 6.637 min  
Delta R.T.: 0.000 min  
Response: 148849516  
Conc: 58.27 ng/ml



#15 Endosulfan II

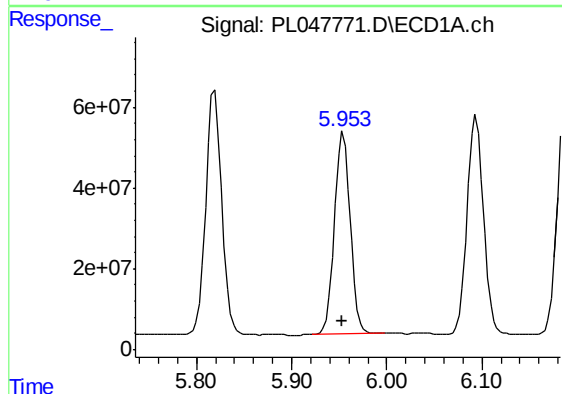
R.T.: 6.094 min  
Delta R.T.: 0.000 min  
Response: 643028418  
Conc: 57.43 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PST-028-B001-042219MS



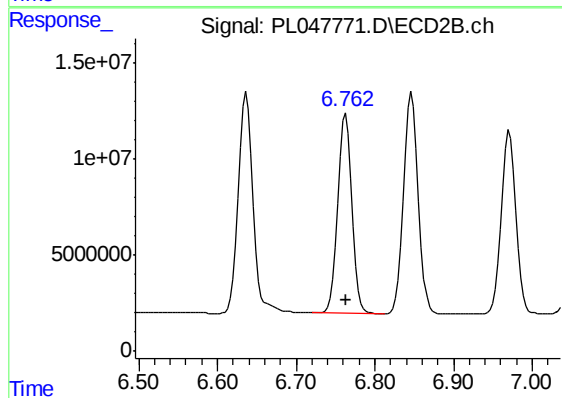
#15 Endosulfan II

R.T.: 6.847 min  
Delta R.T.: 0.000 min  
Response: 149605884  
Conc: 57.02 ng/ml



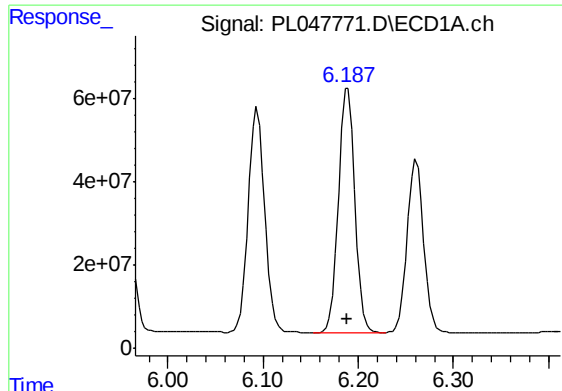
#16 4,4'-DDD

R.T.: 5.954 min  
Delta R.T.: 0.000 min  
Response: 577670302  
Conc: 58.75 ng/ml



#16 4,4'-DDD

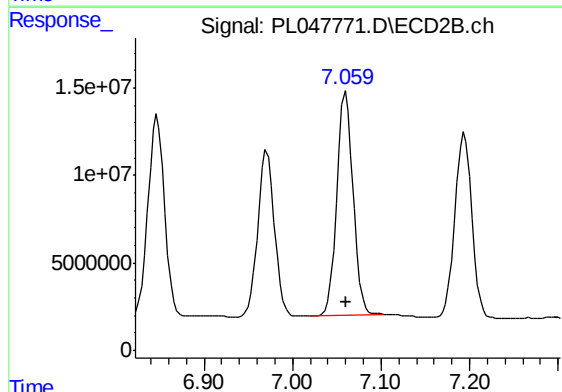
R.T.: 6.763 min  
Delta R.T.: 0.000 min  
Response: 132207349  
Conc: 58.89 ng/ml



#17 4,4'-DDT

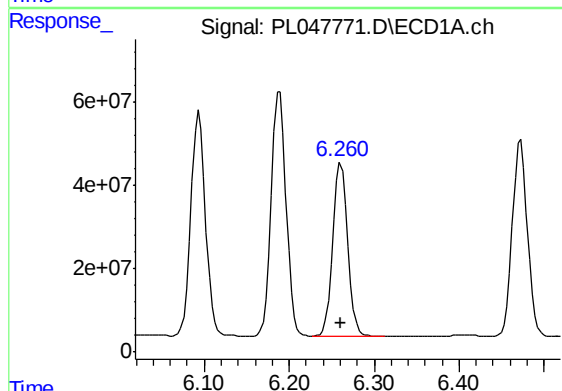
R.T.: 6.189 min  
Delta R.T.: 0.000 min  
Response: 710628501  
Conc: 71.28 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PST-028-B001-042219MS



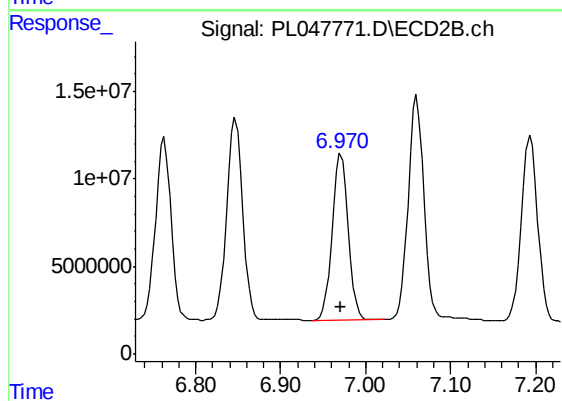
#17 4,4'-DDT

R.T.: 7.060 min  
Delta R.T.: 0.000 min  
Response: 163192590  
Conc: 68.51 ng/ml



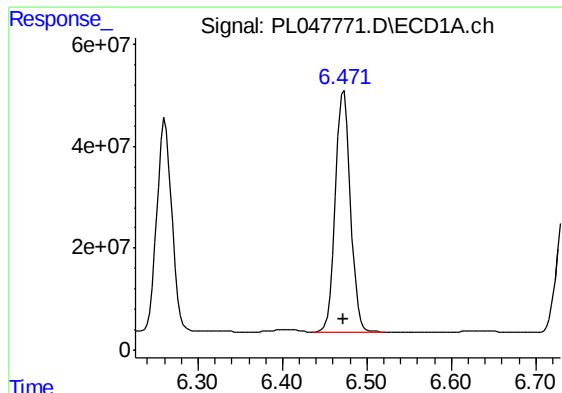
#18 Endrin aldehyde

R.T.: 6.261 min  
Delta R.T.: 0.000 min  
Response: 511312362  
Conc: 54.19 ng/ml



#18 Endrin aldehyde

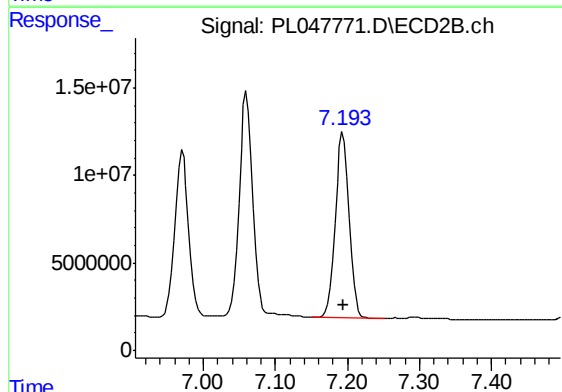
R.T.: 6.971 min  
Delta R.T.: 0.000 min  
Response: 125049616  
Conc: 54.13 ng/ml



#19 Endosulfan Sulfate

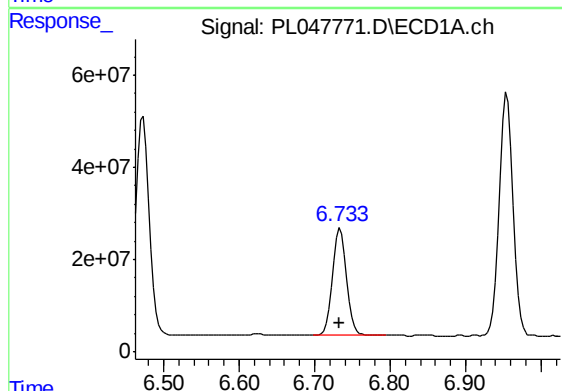
R.T.: 6.473 min  
Delta R.T.: 0.000 min  
Response: 587704677  
Conc: 52.73 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PST-028-B001-042219MS



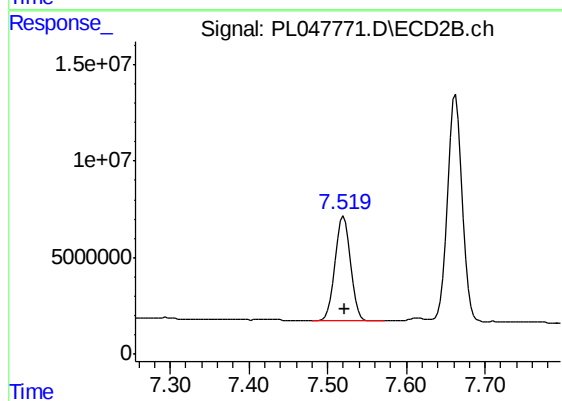
#19 Endosulfan Sulfate

R.T.: 7.194 min  
Delta R.T.: 0.000 min  
Response: 140872794  
Conc: 51.44 ng/ml



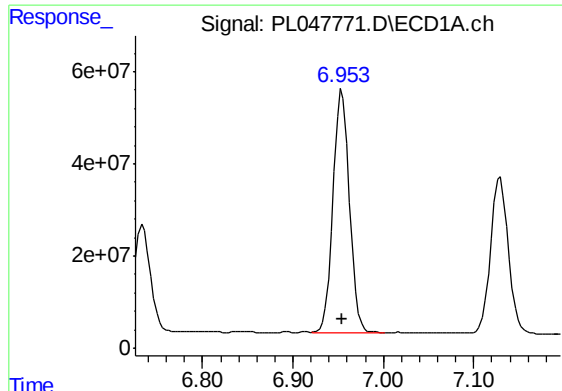
#20 Methoxychlor

R.T.: 6.734 min  
Delta R.T.: 0.000 min  
Response: 296481424  
Conc: 55.74 ng/ml



#20 Methoxychlor

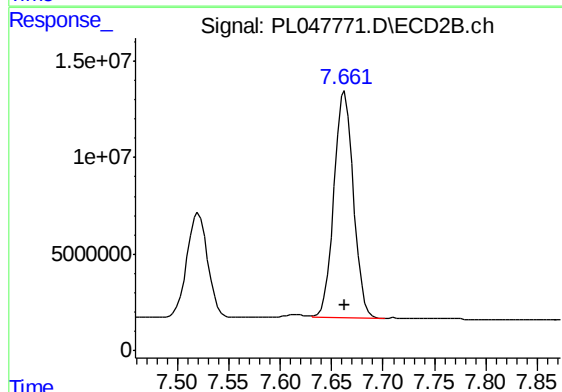
R.T.: 7.520 min  
Delta R.T.: 0.000 min  
Response: 76217198  
Conc: 54.36 ng/ml



#21 Endrin ketone

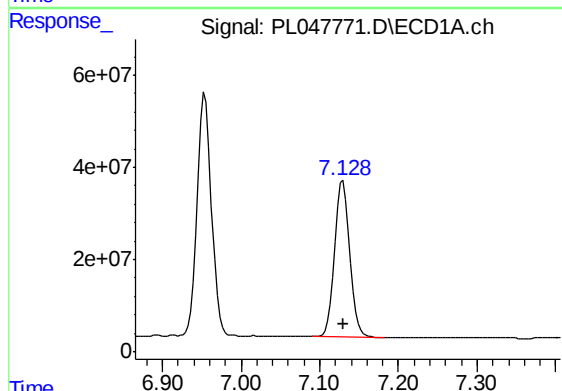
R.T.: 6.955 min  
Delta R.T.: 0.000 min  
Response: 656759518  
Conc: 55.38 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PST-028-B001-042219MS



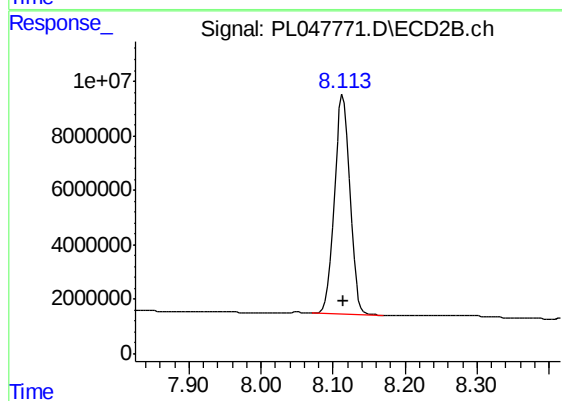
#21 Endrin ketone

R.T.: 7.663 min  
Delta R.T.: 0.000 min  
Response: 155217711  
Conc: 55.20 ng/ml



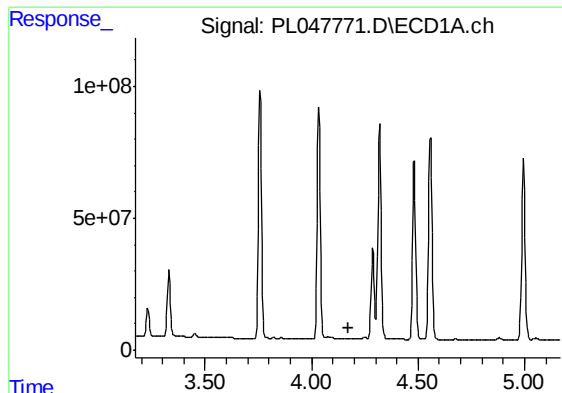
#22 Mirex

R.T.: 7.129 min  
Delta R.T.: 0.000 min  
Response: 464571714  
Conc: 49.49 ng/ml



#22 Mirex

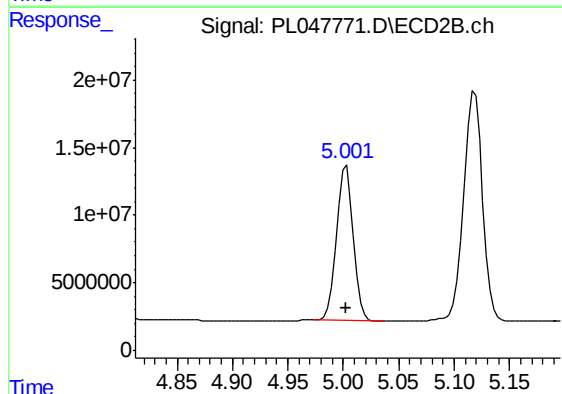
R.T.: 8.114 min  
Delta R.T.: 0.000 min  
Response: 120433210  
Conc: 51.76 ng/ml



#23 Chlordane-1

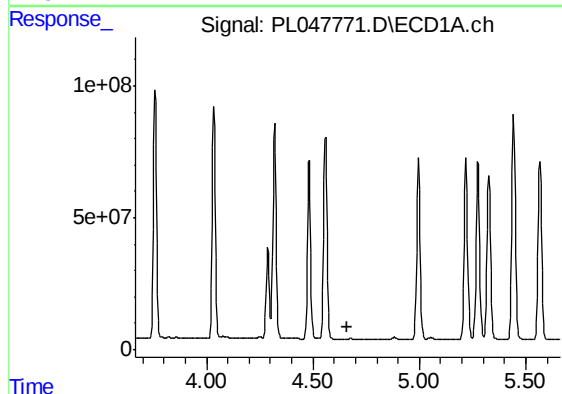
R.T.: 0.000 min  
Exp R.T.: 4.172 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :  
PST-028-B001-042219MS



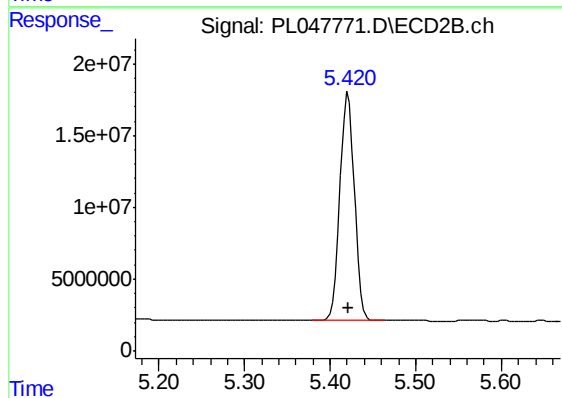
#23 Chlordane-1

R.T.: 5.003 min  
Delta R.T.: 0.000 min  
Response: 121706285  
Conc: 475.04 ng/ml



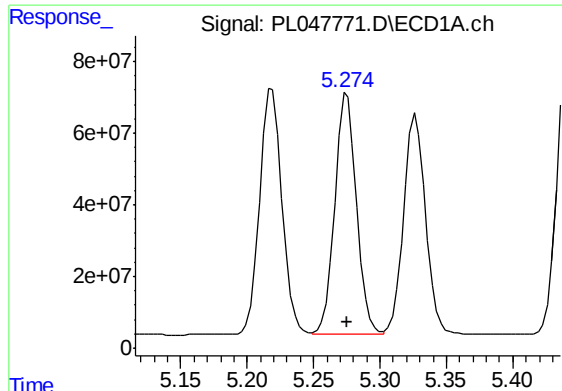
#24 Chlordane-2

R.T.: 0.000 min  
Exp R.T.: 4.663 min  
Response: 0  
Conc: N.D.



#24 Chlordane-2

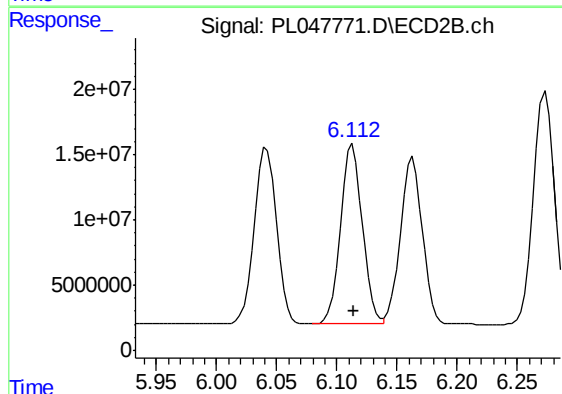
R.T.: 5.421 min  
Delta R.T.: 0.000 min  
Response: 186943972  
Conc: 600.76 ng/ml



#25 Chlordane-3

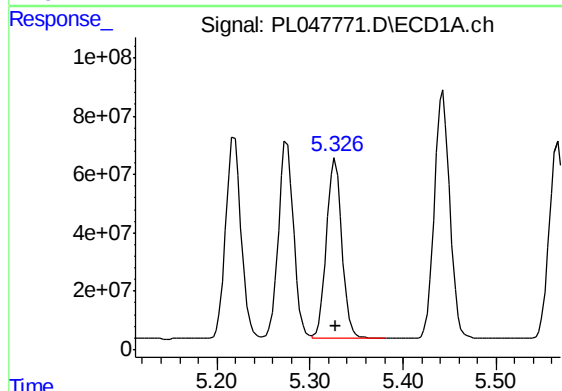
R.T.: 5.275 min  
Delta R.T.: 0.000 min  
Response: 770829484  
Conc: 584.68 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PST-028-B001-042219MS



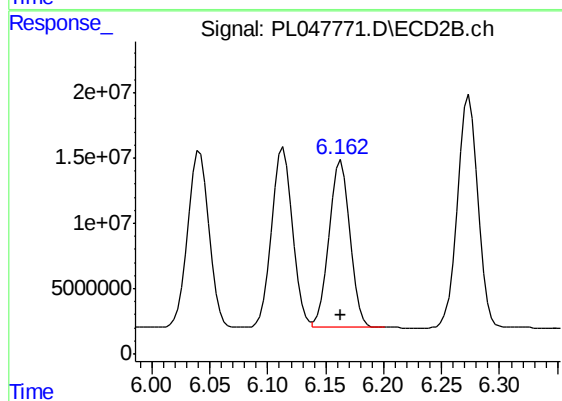
#25 Chlordane-3

R.T.: 6.113 min  
Delta R.T.: -0.001 min  
Response: 174415828  
Conc: 588.79 ng/ml



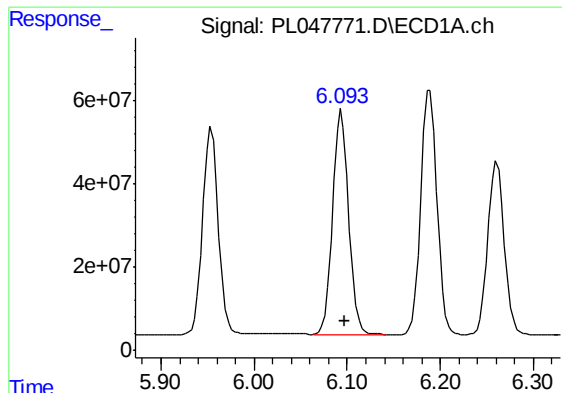
#26 Chlordane-4

R.T.: 5.327 min  
Delta R.T.: 0.000 min  
Response: 710098389  
Conc: 577.91 ng/ml



#26 Chlordane-4

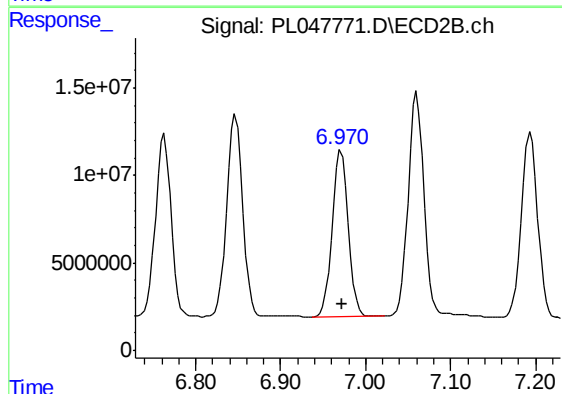
R.T.: 6.163 min  
Delta R.T.: 0.000 min  
Response: 161750807  
Conc: 587.34 ng/ml



#27 Chlordane-5

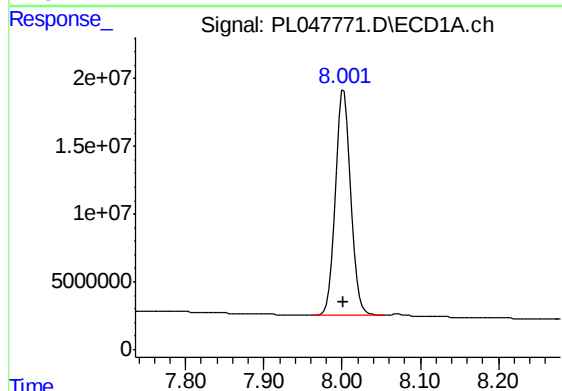
R.T.: 6.094 min  
Delta R.T.: -0.004 min  
Response: 643028418  
Conc: 1516.67 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PST-028-B001-042219MS



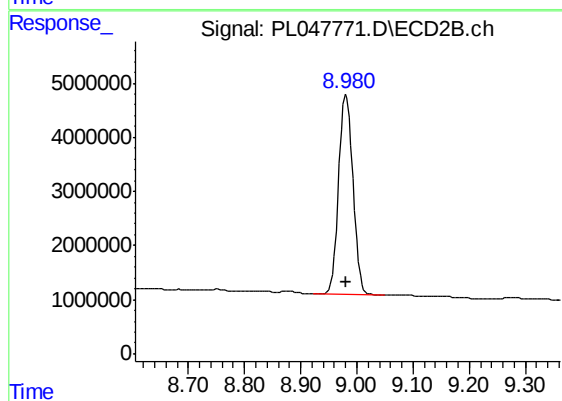
#27 Chlordane-5

R.T.: 6.971 min  
Delta R.T.: -0.001 min  
Response: 125049616  
Conc: 554.90 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.002 min  
Delta R.T.: 0.000 min  
Response: 229362621  
Conc: 20.49 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.981 min  
Delta R.T.: 0.000 min  
Response: 65580863  
Conc: 22.97 ng/ml