

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL092623\  
 Data File : PL085512.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 26 Sep 2023 14:43  
 Operator : AR\AJ  
 Sample : PB155841BS  
 Misc :  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 PB155841BS

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Sep 26 21:26:21 2023  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL092523.M  
 Quant Title : GC Extractables  
 QLast Update : Tue Sep 26 01:26:21 2023  
 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... | 3.414 | 2.651 | 40484210 | 17673785 | 15.741 | 15.576 |
| 28)                         | SA Decachlor... | 8.940 | 7.822 | 36634611 | 21158441 | 17.852 | 17.821 |
| Target Compounds            |                 |       |       |          |          |        |        |
| 2)                          | A alpha-BHC     | 3.870 | 3.153 | 188.5E6  | 84618164 | 51.609 | 51.169 |
| 3)                          | MA gamma-BHC... | 4.203 | 3.483 | 172.4E6  | 79682574 | 48.609 | 49.696 |
| 4)                          | MA Heptachlor   | 4.792 | 3.821 | 175.4E6  | 82562442 | 51.967 | 54.017 |
| 5)                          | MB Aldrin       | 5.133 | 4.099 | 164.2E6  | 76758727 | 48.939 | 50.301 |
| 6)                          | B beta-BHC      | 4.404 | 3.785 | 72950905 | 33168352 | 46.715 | 49.178 |
| 7)                          | B delta-BHC     | 4.649 | 4.012 | 164.5E6  | 77144231 | 47.844 | 49.823 |
| 8)                          | B Heptachlo...  | 5.562 | 4.606 | 142.5E6  | 70485675 | 49.624 | 52.293 |
| 9)                          | A Endosulfan I  | 5.947 | 4.975 | 138.3E6  | 66722175 | 50.631 | 52.227 |
| 10)                         | B gamma-Chl...  | 5.819 | 4.858 | 146.3E6  | 71171223 | 50.404 | 53.058 |
| 11)                         | B alpha-Chl...  | 5.899 | 4.922 | 144.4E6  | 71434599 | 50.019 | 51.958 |
| 12)                         | B 4,4'-DDE      | 6.081 | 5.122 | 125.8E6  | 64365656 | 50.649 | 53.466 |
| 13)                         | MA Dieldrin     | 6.224 | 5.241 | 139.7E6  | 69840459 | 49.255 | 51.108 |
| 14)                         | MA Endrin       | 6.452 | 5.516 | 124.3E6  | 66722239 | 52.172 | 55.251 |
| 15)                         | B Endosulfa...  | 6.674 | 5.814 | 124.4E6  | 60396238 | 47.607 | 50.129 |
| 16)                         | A 4,4'-DDD      | 6.599 | 5.679 | 102.8E6  | 53730127 | 51.241 | 53.573 |
| 17)                         | MA 4,4'-DDT     | 6.915 | 5.931 | 116.0E6  | 60524942 | 55.256 | 56.367 |
| 18)                         | B Endrin al...  | 6.805 | 5.996 | 91285028 | 52139136 | 50.626 | 53.039 |
| 19)                         | B Endosulfa...  | 7.042 | 6.221 | 116.7E6  | 60814119 | 50.413 | 53.672 |
| 20)                         | A Methoxychlor  | 7.399 | 6.516 | 66394955 | 34126498 | 49.846 | 53.824 |
| 21)                         | B Endrin ke...  | 7.525 | 6.725 | 124.6E6  | 79505055 | 50.018 | 50.792 |
| 22)                         | Mirex           | 7.999 | 6.903 | 100.4E6  | 57166084 | 50.773 | 50.598 |
| -----                       |                 |       |       |          |          |        |        |

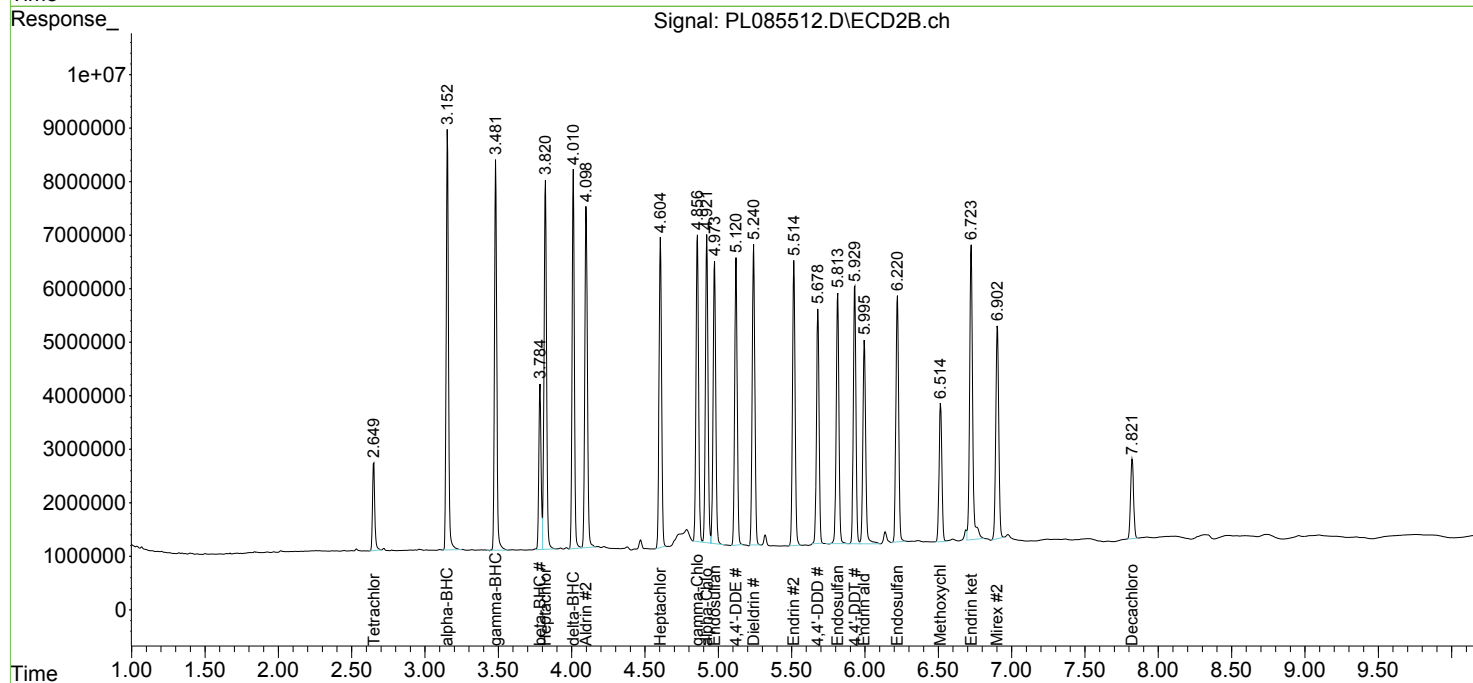
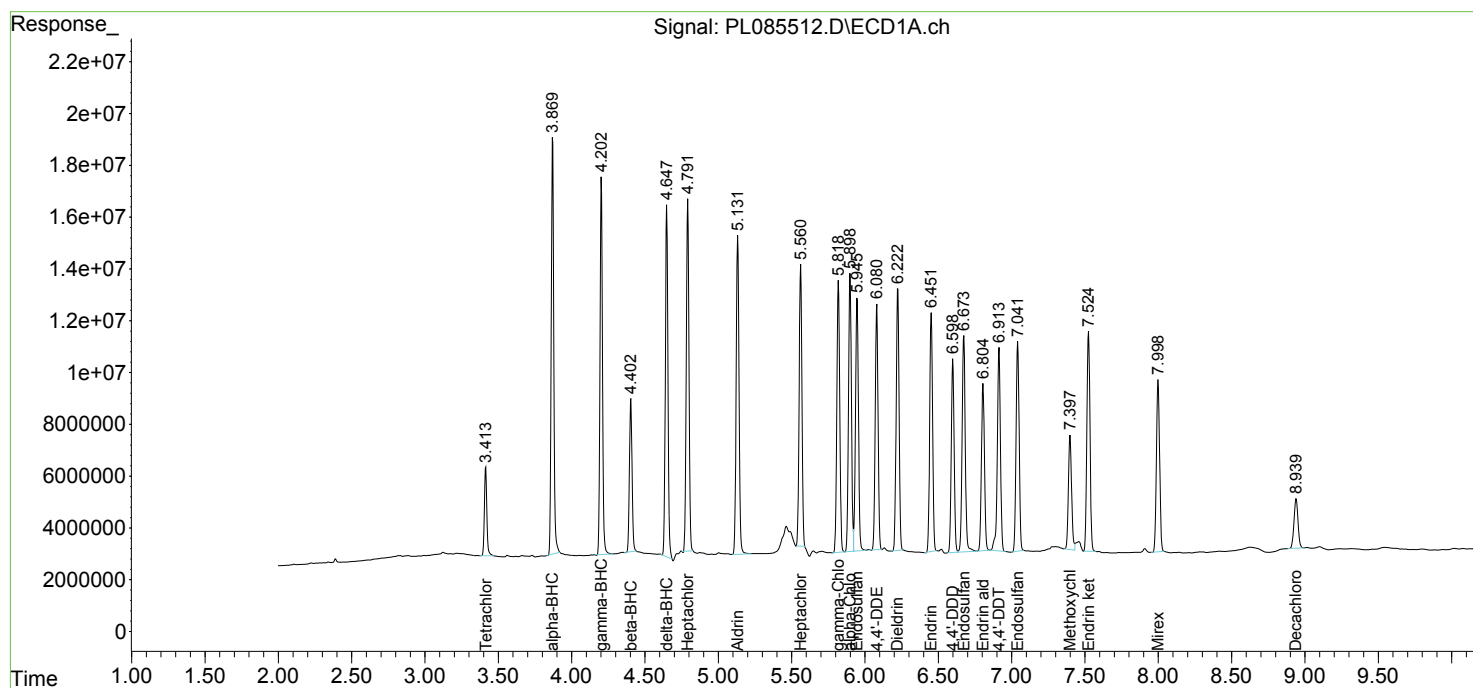
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

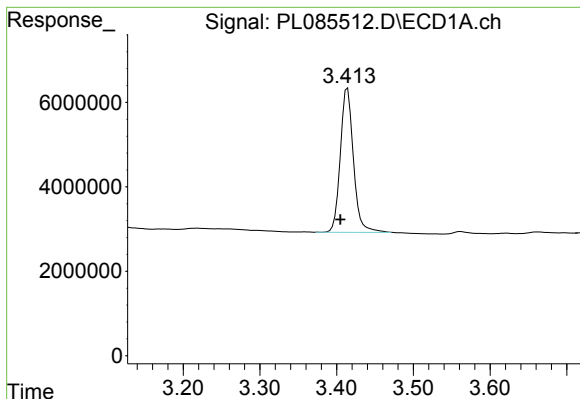
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL092623\  
Data File : PL085512.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 26 Sep 2023 14:43  
Operator : AR\AJ  
Sample : PB155841BS  
Misc :  
ALS Vial : 7 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :  
PB155841BS

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Sep 26 21:26:21 2023  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL092523.M  
Quant Title : GC Extractables  
QLast Update : Tue Sep 26 01:26:21 2023  
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

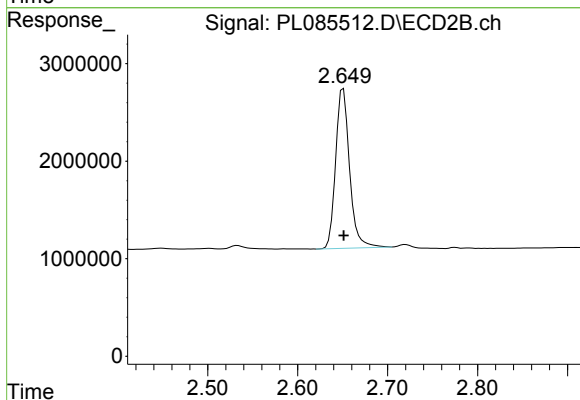




#1 Tetrachloro-m-xylene

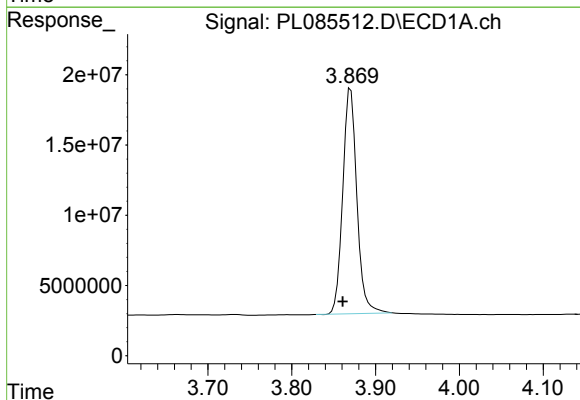
R.T.: 3.414 min  
Delta R.T.: 0.009 min  
Response: 40484210  
Conc: 15.74 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB155841BS



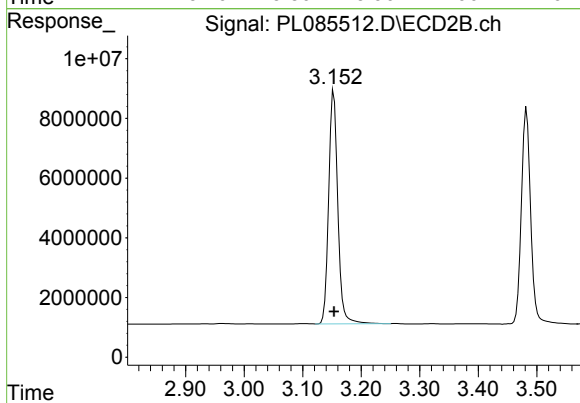
#1 Tetrachloro-m-xylene

R.T.: 2.651 min  
Delta R.T.: 0.000 min  
Response: 17673785  
Conc: 15.58 ng/ml



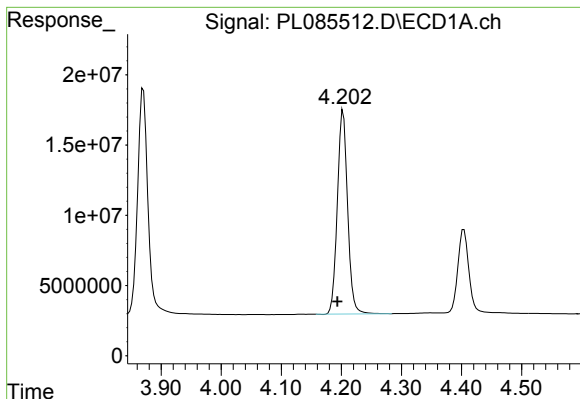
#2 alpha-BHC

R.T.: 3.870 min  
Delta R.T.: 0.009 min  
Response: 188523262  
Conc: 51.61 ng/ml



#2 alpha-BHC

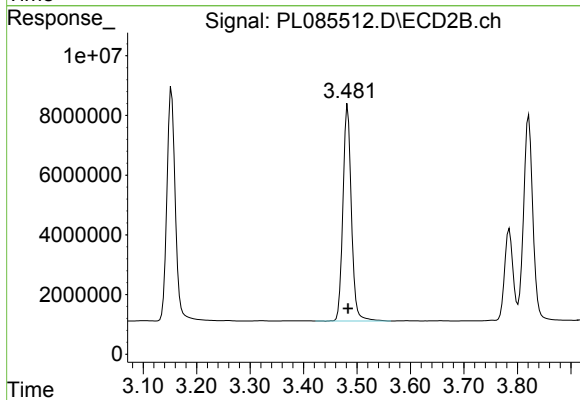
R.T.: 3.153 min  
Delta R.T.: 0.000 min  
Response: 84618164  
Conc: 51.17 ng/ml



#3 gamma-BHC (Lindane)

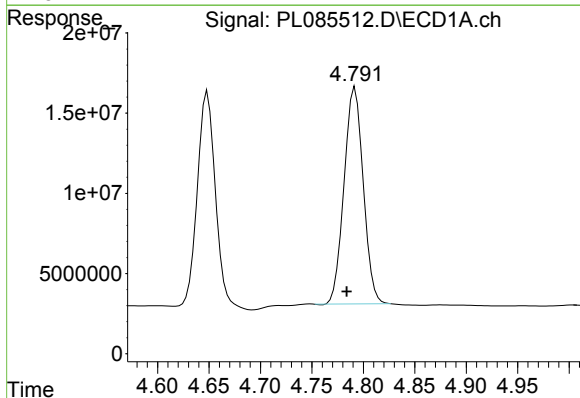
R.T.: 4.203 min  
Delta R.T.: 0.009 min  
Response: 172388396  
Conc: 48.61 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB155841BS



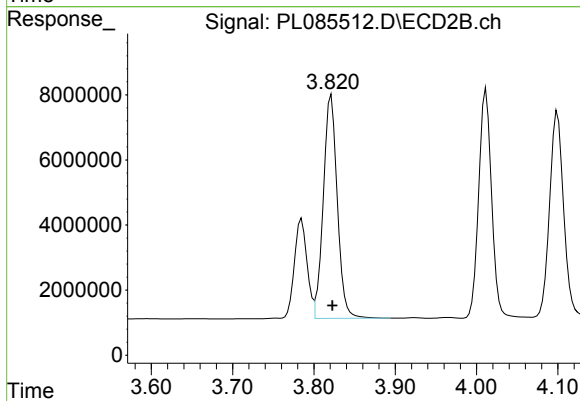
#3 gamma-BHC (Lindane)

R.T.: 3.483 min  
Delta R.T.: 0.000 min  
Response: 79682574  
Conc: 49.70 ng/ml



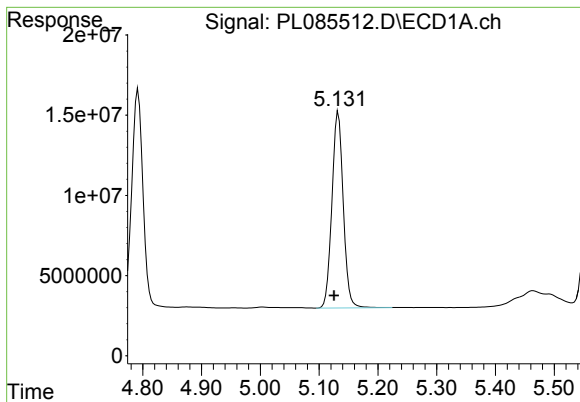
#4 Heptachlor

R.T.: 4.792 min  
Delta R.T.: 0.008 min  
Response: 175406918  
Conc: 51.97 ng/ml



#4 Heptachlor

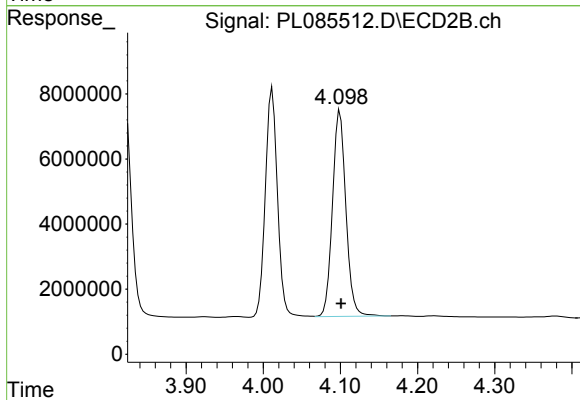
R.T.: 3.821 min  
Delta R.T.: -0.001 min  
Response: 82562442  
Conc: 54.02 ng/ml



#5 Aldrin

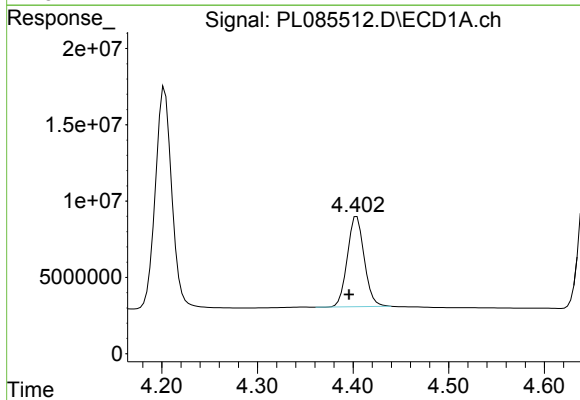
R.T.: 5.133 min  
Delta R.T.: 0.007 min  
Response: 164157185  
Conc: 48.94 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB155841BS



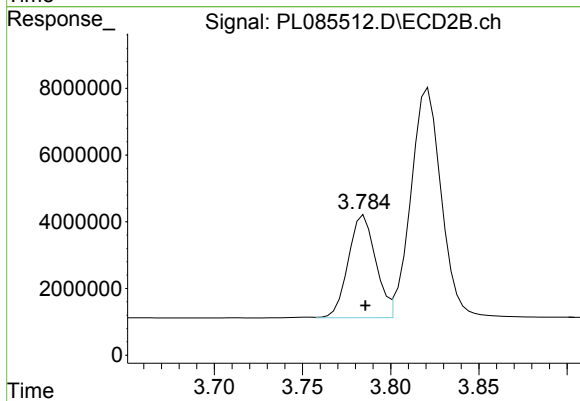
#5 Aldrin

R.T.: 4.099 min  
Delta R.T.: -0.001 min  
Response: 76758727  
Conc: 50.30 ng/ml



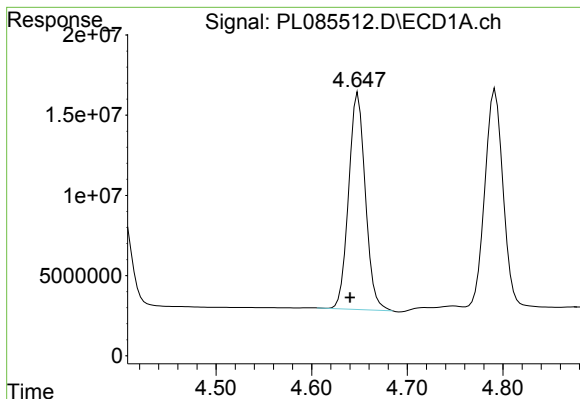
#6 beta-BHC

R.T.: 4.404 min  
Delta R.T.: 0.008 min  
Response: 72950905  
Conc: 46.72 ng/ml



#6 beta-BHC

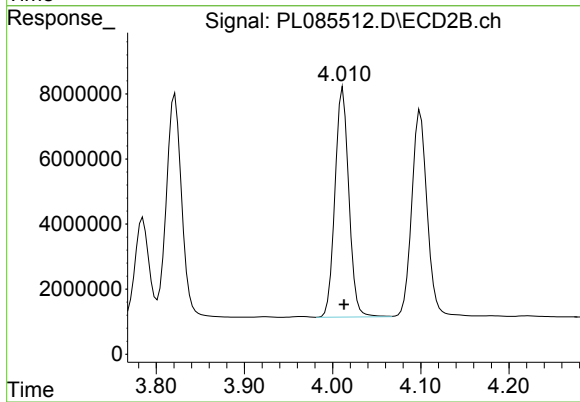
R.T.: 3.785 min  
Delta R.T.: 0.000 min  
Response: 33168352  
Conc: 49.18 ng/ml



#7 delta-BHC

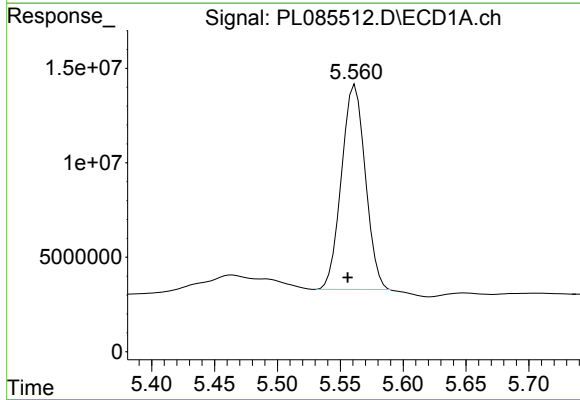
R.T.: 4.649 min  
Delta R.T.: 0.008 min  
Response: 164488643  
Conc: 47.84 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB155841BS



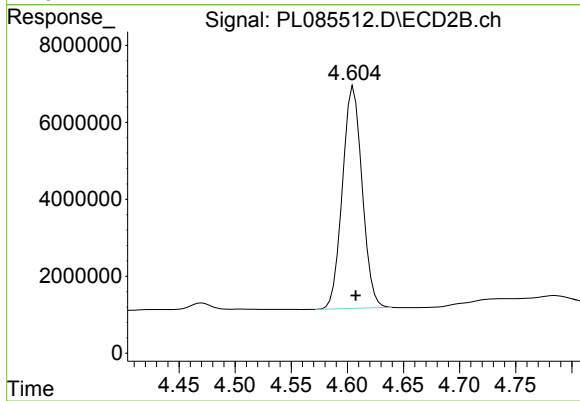
#7 delta-BHC

R.T.: 4.012 min  
Delta R.T.: -0.001 min  
Response: 77144231  
Conc: 49.82 ng/ml



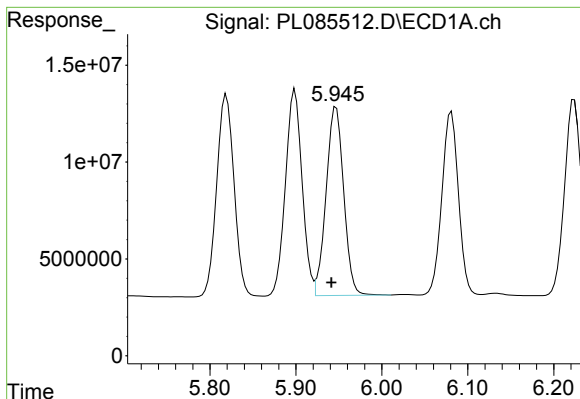
#8 Heptachlor epoxide

R.T.: 5.562 min  
Delta R.T.: 0.006 min  
Response: 142461458  
Conc: 49.62 ng/ml



#8 Heptachlor epoxide

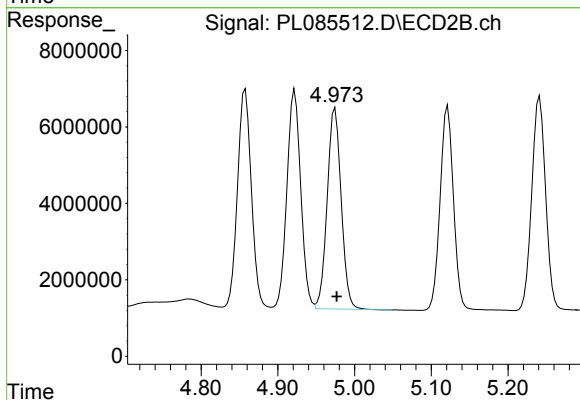
R.T.: 4.606 min  
Delta R.T.: -0.002 min  
Response: 70485675  
Conc: 52.29 ng/ml



#9 Endosulfan I

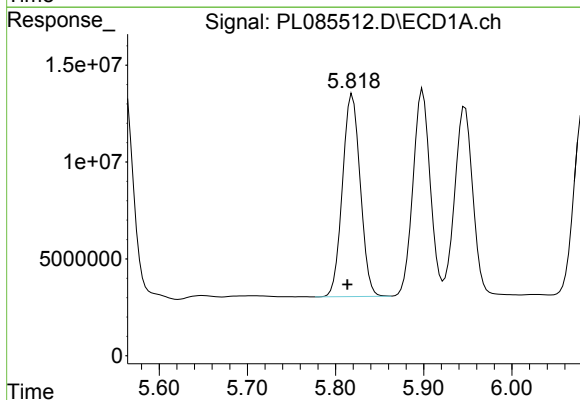
R.T.: 5.947 min  
Delta R.T.: 0.005 min  
Response: 138305779  
Conc: 50.63 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB155841BS



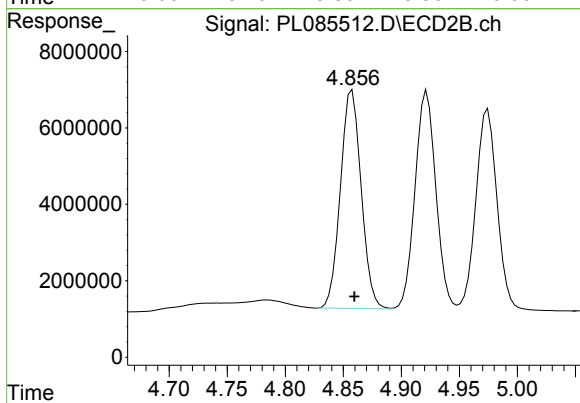
#9 Endosulfan I

R.T.: 4.975 min  
Delta R.T.: -0.002 min  
Response: 66722175  
Conc: 52.23 ng/ml



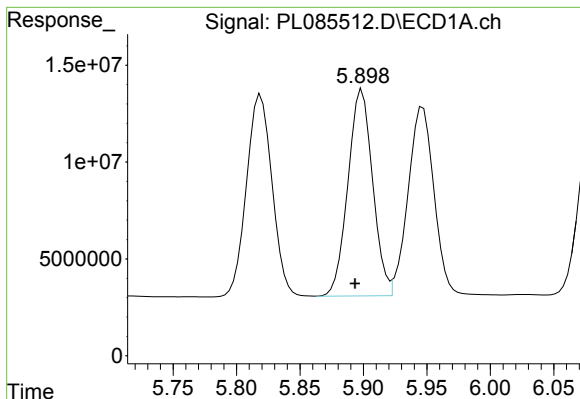
#10 gamma-Chlordane

R.T.: 5.819 min  
Delta R.T.: 0.006 min  
Response: 146275387  
Conc: 50.40 ng/ml



#10 gamma-Chlordane

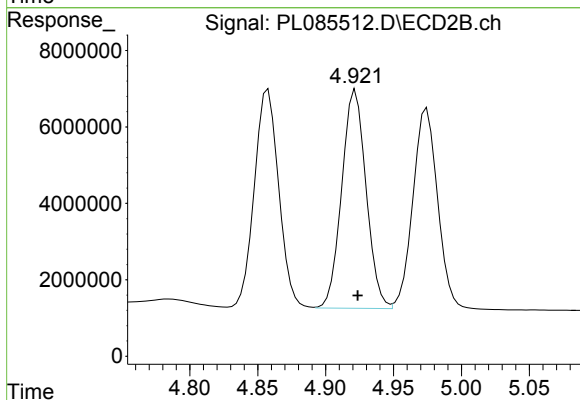
R.T.: 4.858 min  
Delta R.T.: -0.002 min  
Response: 71171223  
Conc: 53.06 ng/ml



#11 alpha-Chlordane

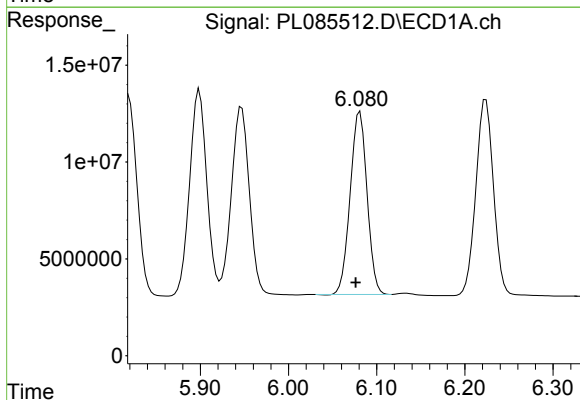
R.T.: 5.899 min  
Delta R.T.: 0.006 min  
Response: 144386621  
Conc: 50.02 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB155841BS



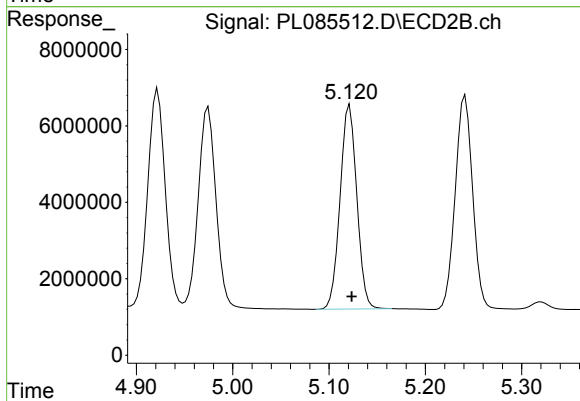
#11 alpha-Chlordane

R.T.: 4.922 min  
Delta R.T.: -0.002 min  
Response: 71434599  
Conc: 51.96 ng/ml



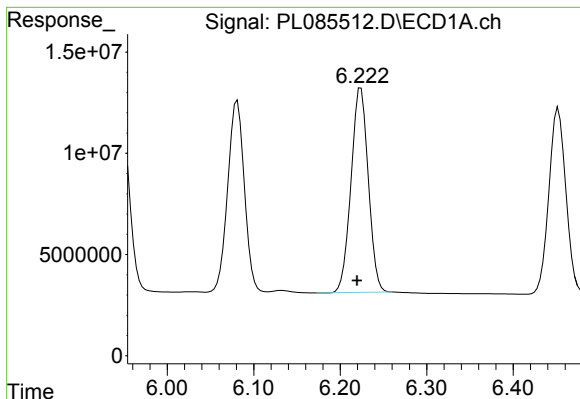
#12 4,4'-DDE

R.T.: 6.081 min  
Delta R.T.: 0.005 min  
Response: 125803110  
Conc: 50.65 ng/ml



#12 4,4'-DDE

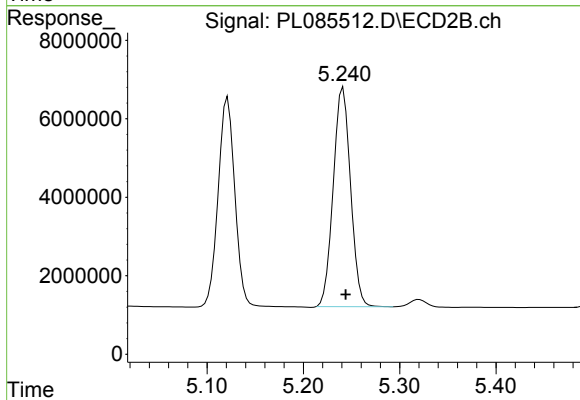
R.T.: 5.122 min  
Delta R.T.: -0.002 min  
Response: 64365656  
Conc: 53.47 ng/ml



#13 Dieldrin

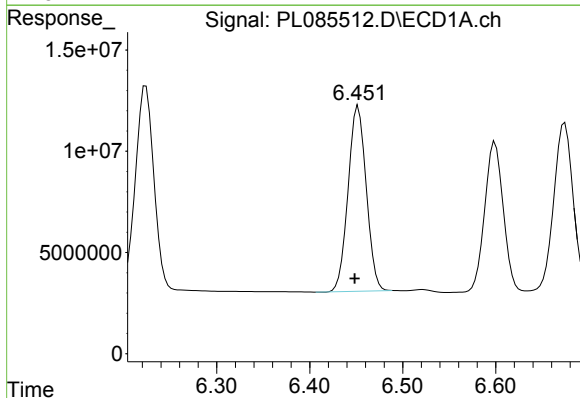
R.T.: 6.224 min  
Delta R.T.: 0.004 min  
Response: 139703187  
Conc: 49.25 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB155841BS



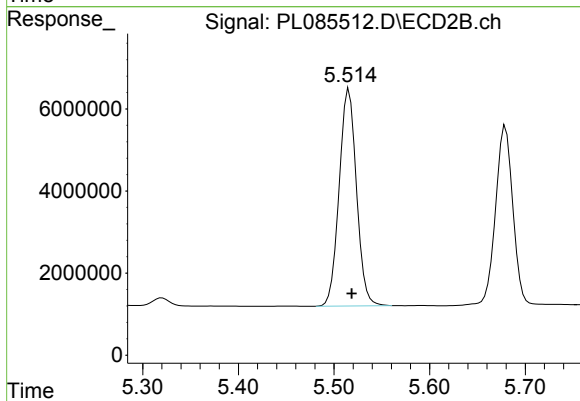
#13 Dieldrin

R.T.: 5.241 min  
Delta R.T.: -0.003 min  
Response: 69840459  
Conc: 51.11 ng/ml



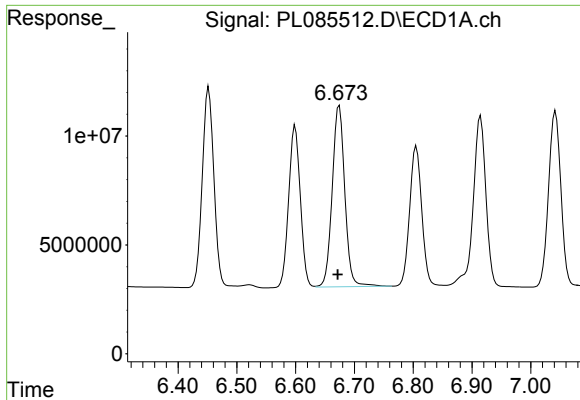
#14 Endrin

R.T.: 6.452 min  
Delta R.T.: 0.004 min  
Response: 124314538  
Conc: 52.17 ng/ml



#14 Endrin

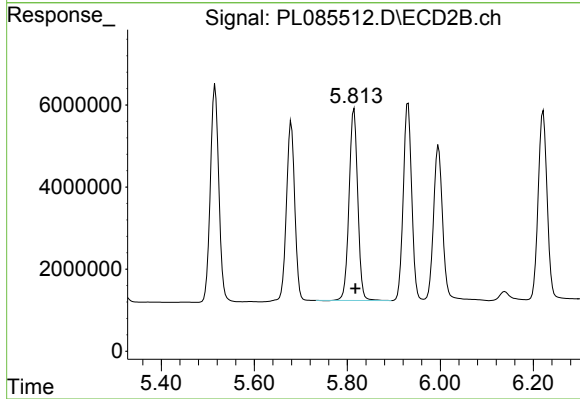
R.T.: 5.516 min  
Delta R.T.: -0.003 min  
Response: 66722239  
Conc: 55.25 ng/ml



#15 Endosulfan II

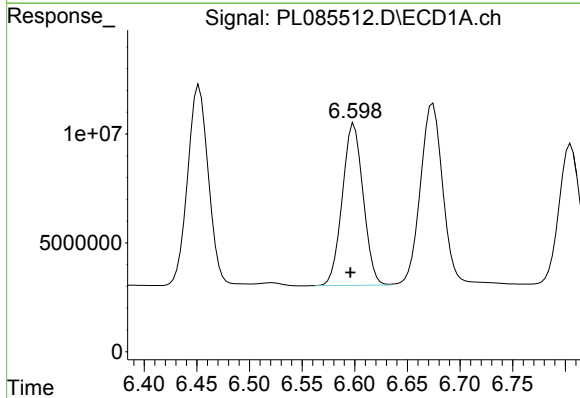
R.T.: 6.674 min  
Delta R.T.: 0.003 min  
Response: 124371585  
Conc: 47.61 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB155841BS



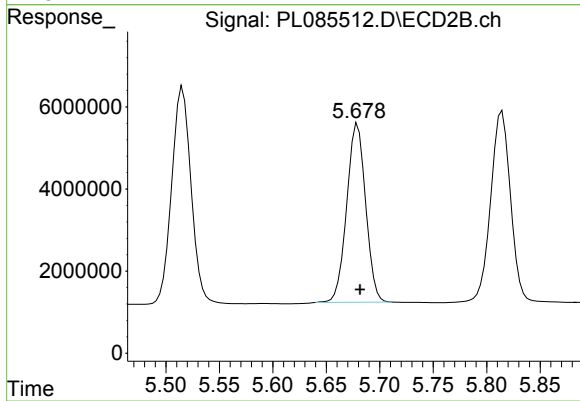
#15 Endosulfan II

R.T.: 5.814 min  
Delta R.T.: -0.003 min  
Response: 60396238  
Conc: 50.13 ng/ml



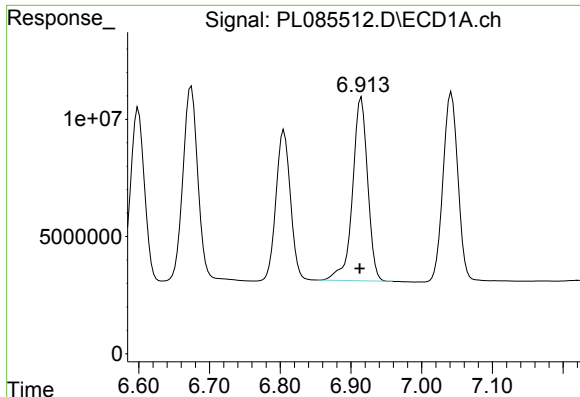
#16 4,4'-DDD

R.T.: 6.599 min  
Delta R.T.: 0.003 min  
Response: 102768877  
Conc: 51.24 ng/ml



#16 4,4'-DDD

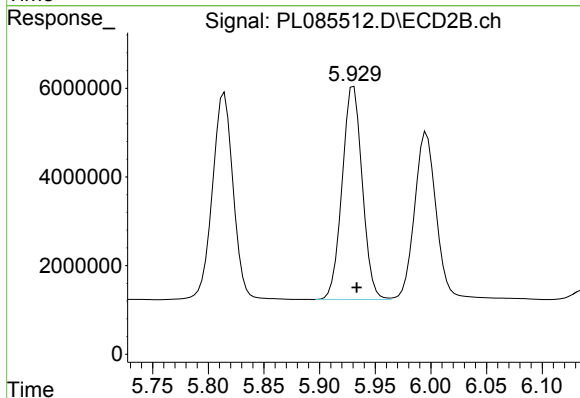
R.T.: 5.679 min  
Delta R.T.: -0.002 min  
Response: 53730127  
Conc: 53.57 ng/ml



#17 4,4'-DDT

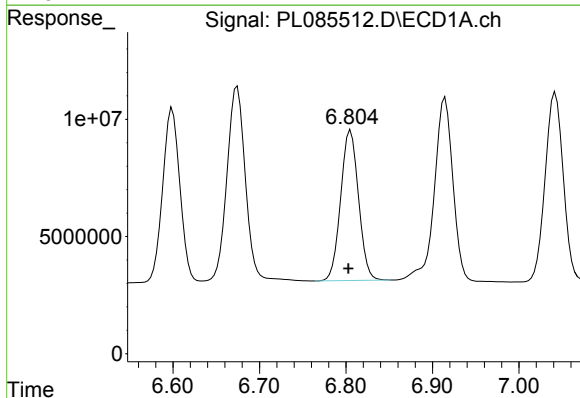
R.T.: 6.915 min  
Delta R.T.: 0.002 min  
Response: 116006602  
Conc: 55.26 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB155841BS



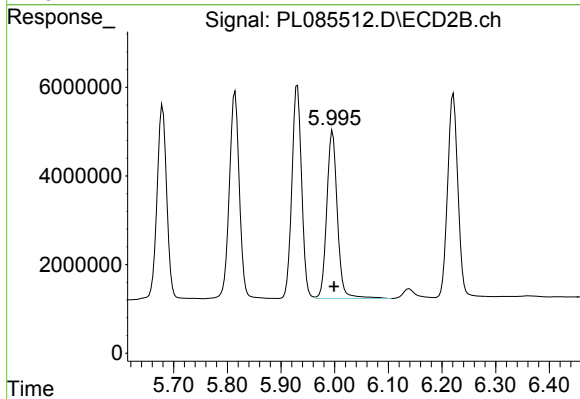
#17 4,4'-DDT

R.T.: 5.931 min  
Delta R.T.: -0.003 min  
Response: 60524942  
Conc: 56.37 ng/ml



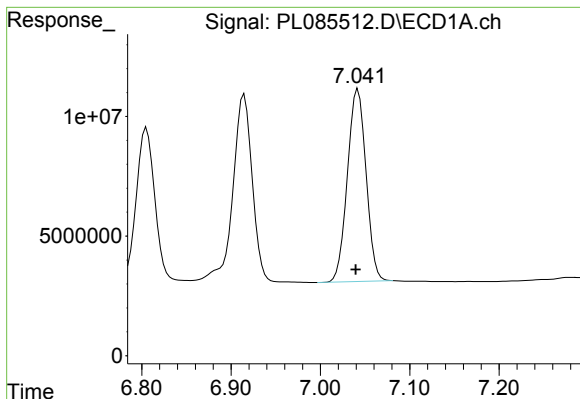
#18 Endrin aldehyde

R.T.: 6.805 min  
Delta R.T.: 0.003 min  
Response: 91285028  
Conc: 50.63 ng/ml



#18 Endrin aldehyde

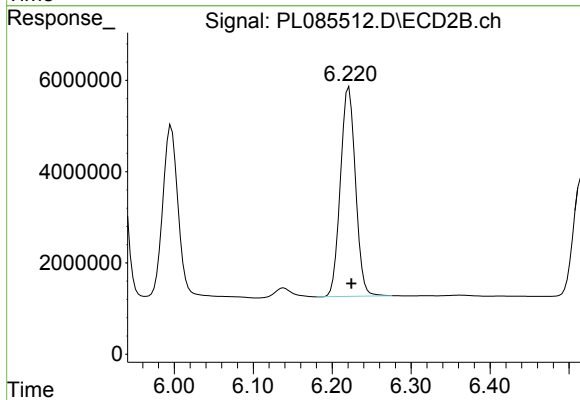
R.T.: 5.996 min  
Delta R.T.: -0.003 min  
Response: 52139136  
Conc: 53.04 ng/ml



#19 Endosulfan Sulfate

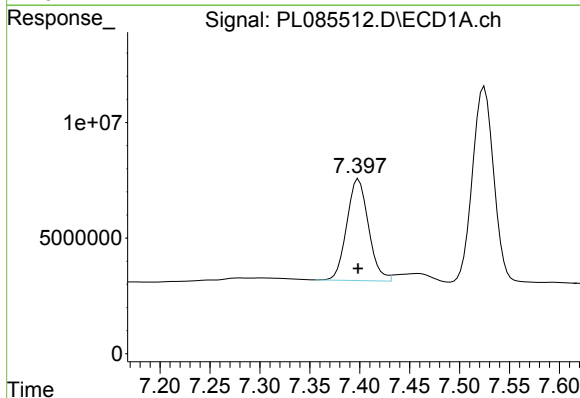
R.T.: 7.042 min  
Delta R.T.: 0.003 min  
Response: 116739698  
Conc: 50.41 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB155841BS



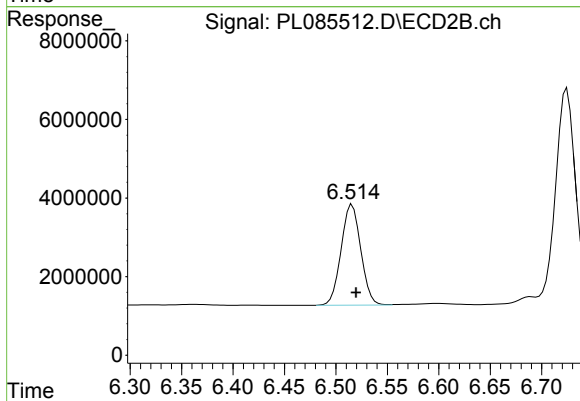
#19 Endosulfan Sulfate

R.T.: 6.221 min  
Delta R.T.: -0.003 min  
Response: 60814119  
Conc: 53.67 ng/ml



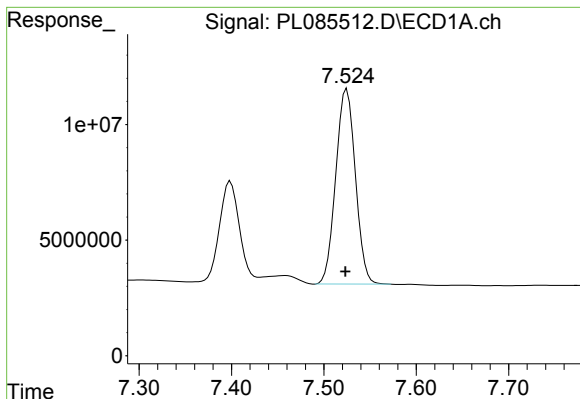
#20 Methoxychlor

R.T.: 7.399 min  
Delta R.T.: 0.000 min  
Response: 66394955  
Conc: 49.85 ng/ml



#20 Methoxychlor

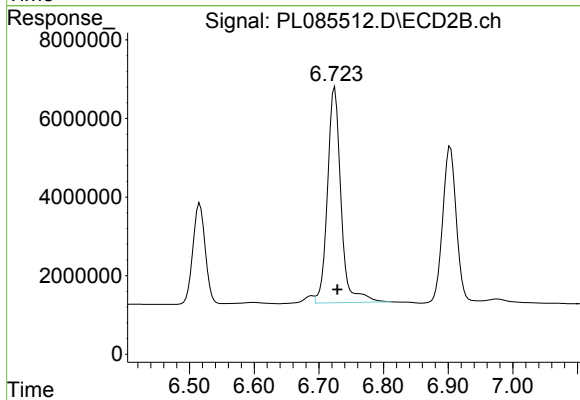
R.T.: 6.516 min  
Delta R.T.: -0.004 min  
Response: 34126498  
Conc: 53.82 ng/ml



#21 Endrin ketone

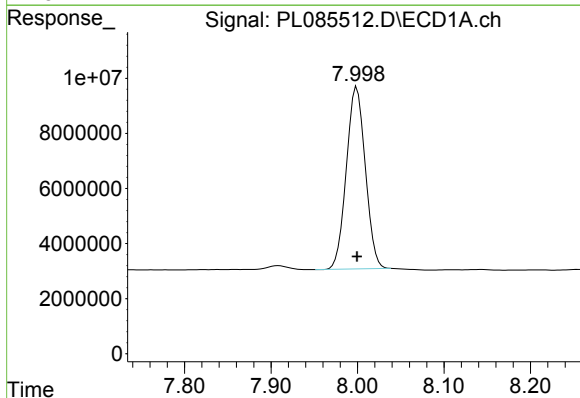
R.T.: 7.525 min  
Delta R.T.: 0.002 min  
Response: 124631490  
Conc: 50.02 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB155841BS



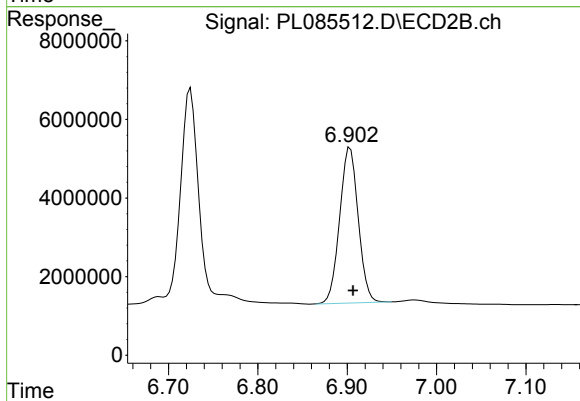
#21 Endrin ketone

R.T.: 6.725 min  
Delta R.T.: -0.004 min  
Response: 79505055  
Conc: 50.79 ng/ml



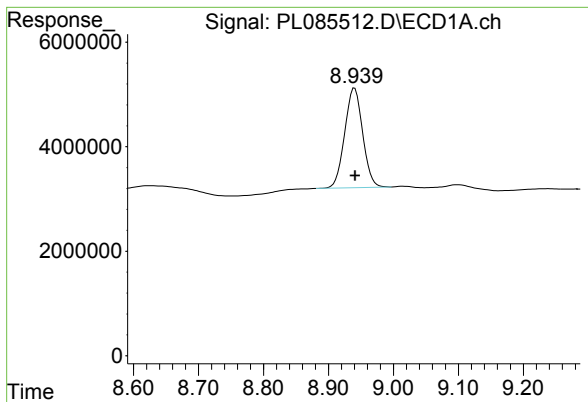
#22 Mirex

R.T.: 7.999 min  
Delta R.T.: 0.000 min  
Response: 100350809  
Conc: 50.77 ng/ml



#22 Mirex

R.T.: 6.903 min  
Delta R.T.: -0.003 min  
Response: 57166084  
Conc: 50.60 ng/ml



#28 Decachlorobiphenyl

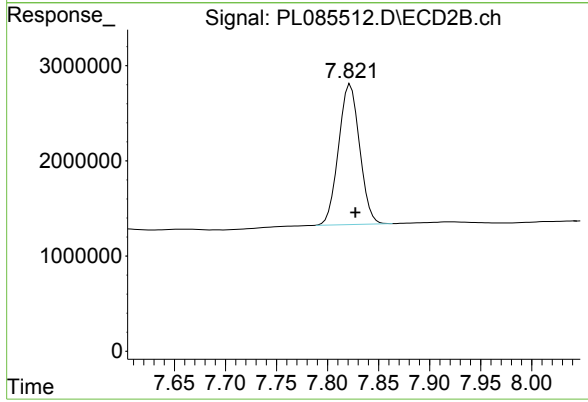
R.T.: 8.940 min

Delta R.T.: 0.000 min

Response: 36634611

Conc: 17.85 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB155841BS



#28 Decachlorobiphenyl

R.T.: 7.822 min

Delta R.T.: -0.005 min

Response: 21158441

Conc: 17.82 ng/ml