

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL120423\  
 Data File : PL086974.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 04 Dec 2023 21:30  
 Operator : AR\AJ  
 Sample : 05612-02MS  
 Misc :  
 ALS Vial : 34 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 MW-06IMS

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Dec 05 00:40:27 2023  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL112923.M  
 Quant Title : GC Extractables  
 QLast Update : Wed Nov 29 06:35:04 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... | 3.342  | 2.609  | 43761817 | 13562705 | 13.688   | 14.913    |
| 28)                         | SA Decachlor... | 8.843  | 7.760  | 38342419 | 15430893 | 14.362   | 13.995    |
| Target Compounds            |                 |        |        |          |          |          |           |
| 2)                          | A alpha-BHC     | 3.796  | 3.108  | 227.4E6  | 73200483 | 49.107   | 57.641    |
| 3)                          | MA gamma-BHC... | 4.128  | 3.435  | 228.4E6  | 64856303 | 52.217   | 53.081    |
| 4)                          | MA Heptachlor   | 4.715  | 3.771  | 215.8E6  | 66609410 | 54.373   | 57.046    |
| 5)                          | MB Aldrin       | 5.054  | 4.047  | 229.3E6  | 58892190 | 54.330   | 48.251    |
| 6)                          | B beta-BHC      | 4.333  | 3.738  | 98518948 | 29810701 | 52.665   | 56.344    |
| 7)                          | B delta-BHC     | 4.575  | 3.962  | 238.0E6  | 64899605 | 56.072   | 55.575    |
| 8)                          | B Heptachlo...  | 5.486  | 4.551  | 181.7E6  | 61581988 | 51.288   | 54.096    |
| 9)                          | A Endosulfan I  | 5.869  | 4.919  | 225.7E6  | 57932492 | 62.658   | 45.121 #  |
| 10)                         | B gamma-Chl...  | 5.743  | 4.803  | 204.8E6  | 59996034 | 54.483   | 52.339    |
| 11)                         | B alpha-Chl...  | 5.822  | 4.867  | 203.8E6  | 59989164 | 54.147   | 45.112    |
| 12)                         | B 4,4'-DDE      | 6.007  | 5.067  | 156.2E6  | 50388708 | 51.675   | 54.885    |
| 13)                         | MA Dieldrin     | 6.146  | 5.185  | 201.7E6  | 61461545 | 58.088   | 57.390    |
| 14)                         | MA Endrin       | 6.375  | 5.459  | 176.3E6  | 57433226 | 68.404   | 68.145    |
| 15)                         | B Endosulfa...  | 6.598  | 5.757  | 162.6E6  | 53124283 | 56.997   | 57.212    |
| 16)                         | A 4,4'-DDD      | 6.526  | 5.623  | 129.9E6  | 43106441 | 55.478   | 55.814    |
| 17)                         | MA 4,4'-DDT     | 6.841  | 5.874  | 147.7E6  | 45825275 | 57.564   | 56.822    |
| 18)                         | B Endrin al...  | 6.730  | 5.939  | 114.5E6  | 43543837 | 53.672   | 62.329    |
| 19)                         | B Endosulfa...  | 6.967  | 6.164  | 164.2E6  | 55962453 | 57.497   | 58.981    |
| 20)                         | A Methoxychlor  | 7.328  | 6.459  | 79878667 | 29061450 | 60.492   | 56.461    |
| 21)                         | B Endrin ke...  | 7.448  | 6.665  | 175.0E6  | 64373232 | 58.523   | 56.394    |
| 22)                         | Mirex           | 7.920  | 6.841  | 125.0E6  | 48324092 | 48.877   | 46.561    |
| 23)                         | Chlordane-1     | 4.508  | 3.590  | 8195888  | 5159129  | 63.154   | 150.423 # |
| 24)                         | Chlordane-2     | 5.054f | 4.200f | 229.3E6  | 2684662  | 1625.284 | 65.370 #  |
| 25)                         | Chlordane-3     | 5.743  | 4.803  | 204.8E6  | 59996034 | 387.077  | 547.862 # |
| 26)                         | Chlordane-4     | 5.822  | 4.867  | 203.8E6  | 59989164 | 305.736  | 441.398 # |
| -----                       |                 |        |        |          |          |          |           |

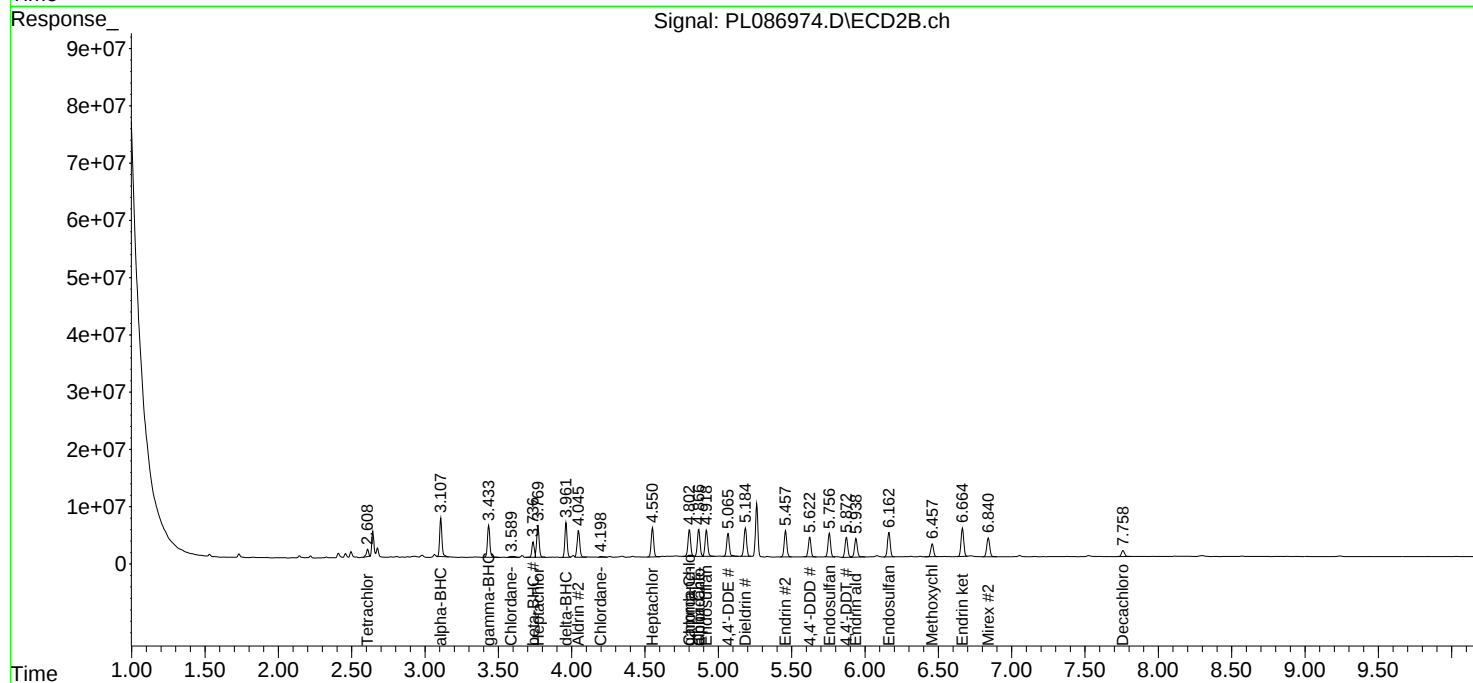
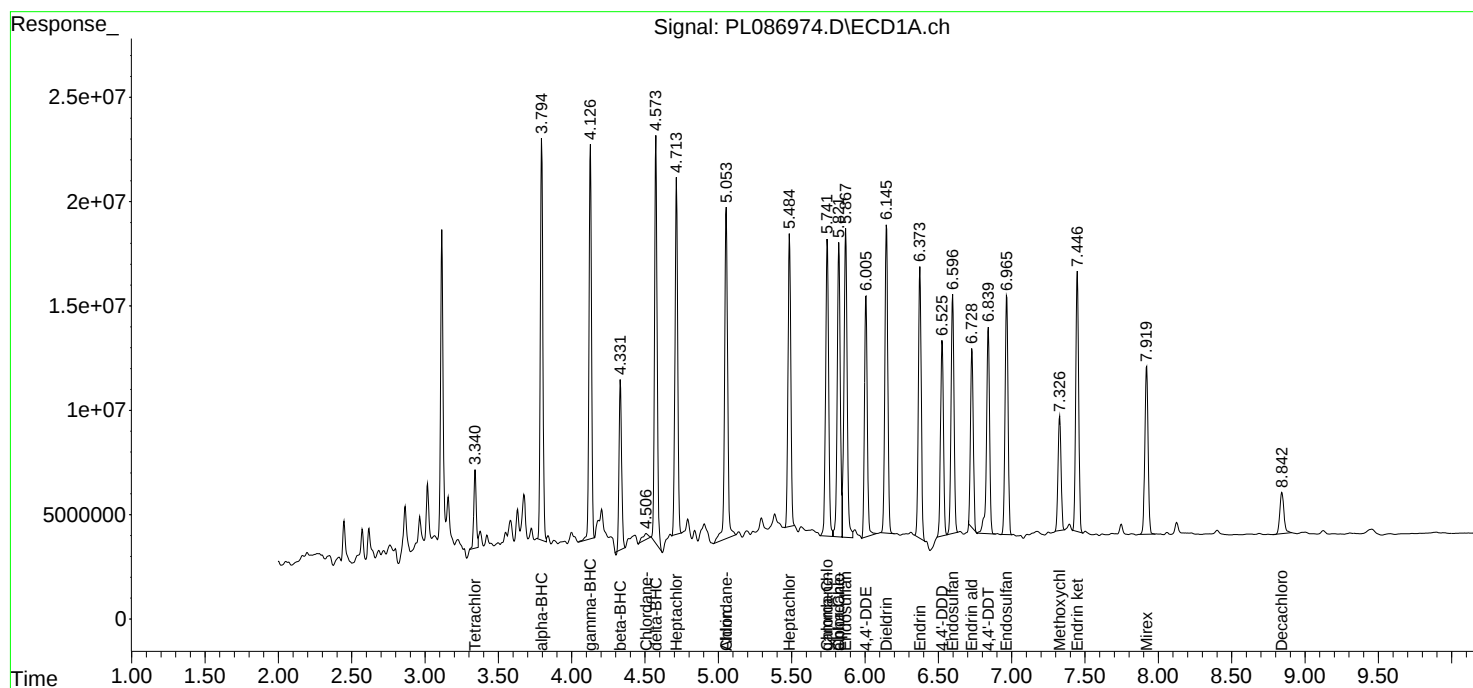
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

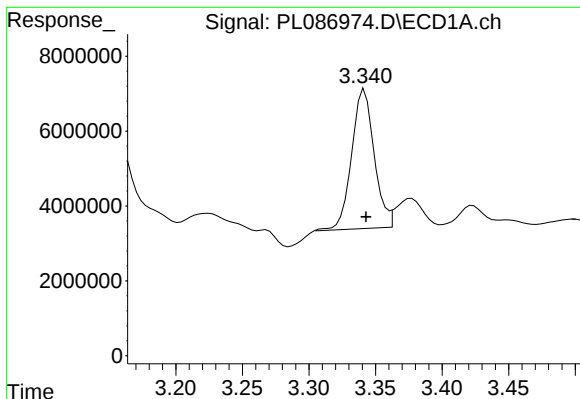
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL120423\  
Data File : PL086974.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 04 Dec 2023 21:30  
Operator : AR\AJ  
Sample : 05612-02MS  
Misc :  
ALS Vial : 34 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :  
MW-06IMS

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Dec 05 00:40:27 2023  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL112923.M  
Quant Title : GC Extractables  
QLast Update : Wed Nov 29 06:35:04 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

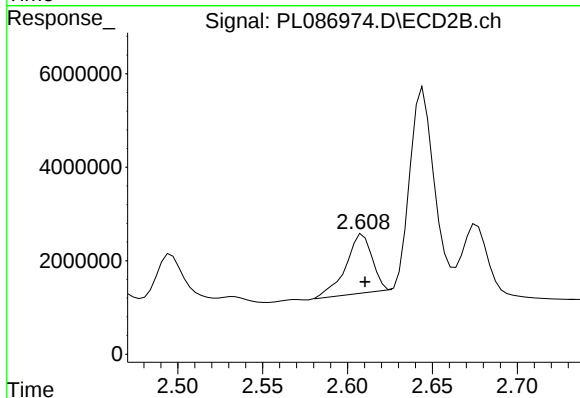




#1 Tetrachloro-m-xylene

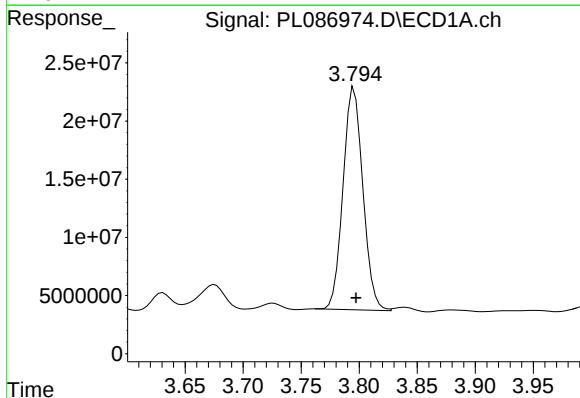
R.T.: 3.342 min  
Delta R.T.: -0.001 min  
Response: 43761817  
Conc: 13.69 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
MW-06IMS



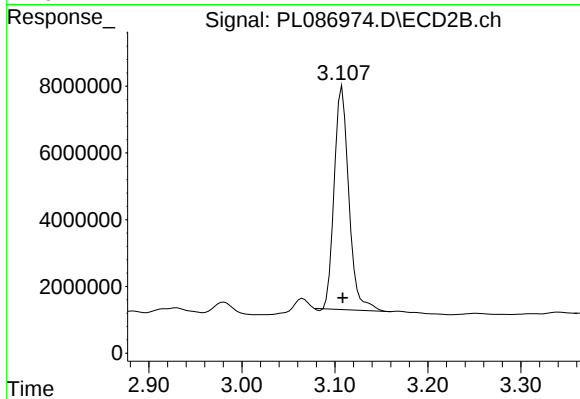
#1 Tetrachloro-m-xylene

R.T.: 2.609 min  
Delta R.T.: -0.001 min  
Response: 13562705  
Conc: 14.91 ng/ml



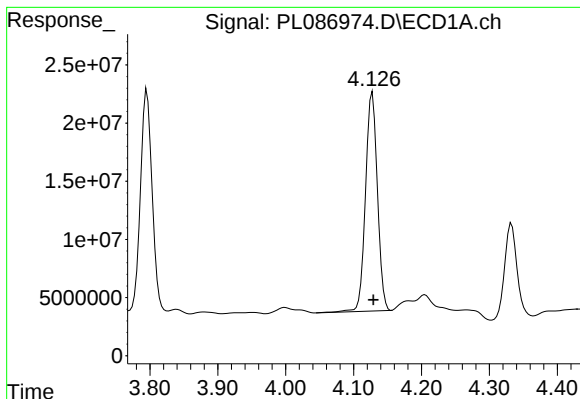
#2 alpha-BHC

R.T.: 3.796 min  
Delta R.T.: -0.002 min  
Response: 227371458  
Conc: 49.11 ng/ml



#2 alpha-BHC

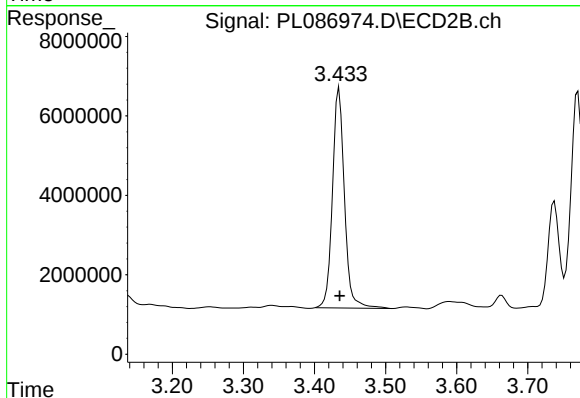
R.T.: 3.108 min  
Delta R.T.: 0.000 min  
Response: 73200483  
Conc: 57.64 ng/ml



#3 gamma-BHC (Lindane)

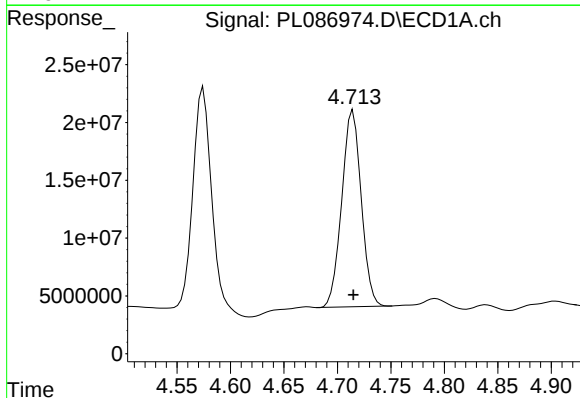
R.T.: 4.128 min  
Delta R.T.: -0.001 min  
Response: 228438892  
Conc: 52.22 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
MW-06IMS



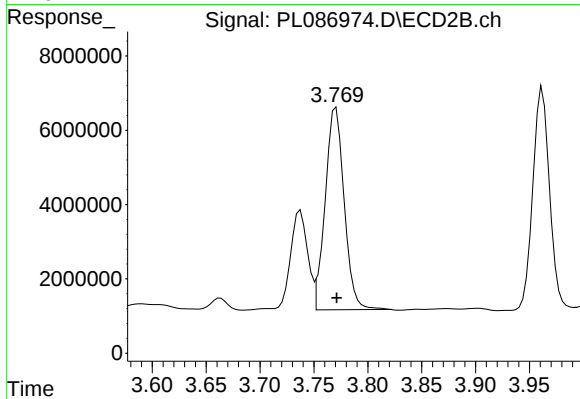
#3 gamma-BHC (Lindane)

R.T.: 3.435 min  
Delta R.T.: 0.000 min  
Response: 64856303  
Conc: 53.08 ng/ml



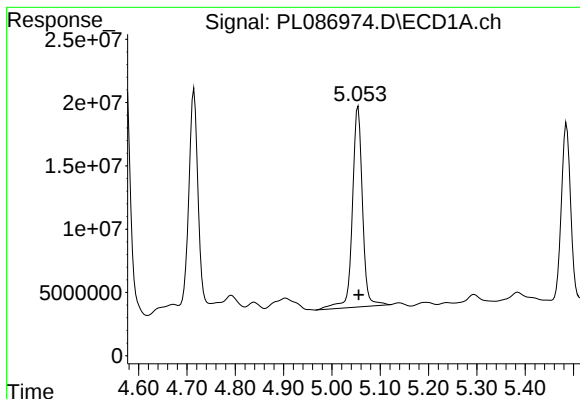
#4 Heptachlor

R.T.: 4.715 min  
Delta R.T.: 0.000 min  
Response: 215791111  
Conc: 54.37 ng/ml



#4 Heptachlor

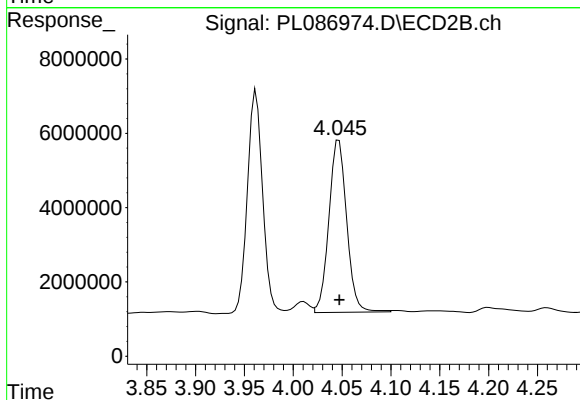
R.T.: 3.771 min  
Delta R.T.: 0.000 min  
Response: 66609410  
Conc: 57.05 ng/ml



#5 Aldrin

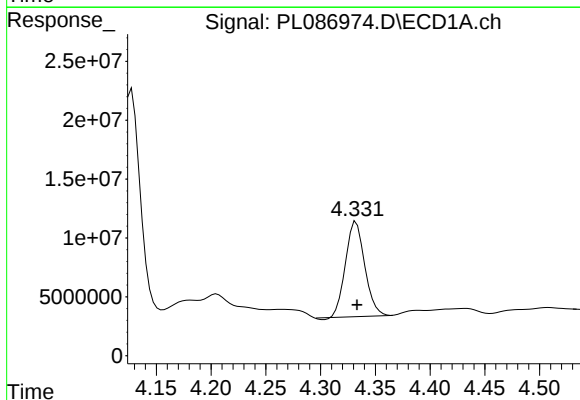
R.T.: 5.054 min  
Delta R.T.: -0.001 min  
Response: 229281504  
Conc: 54.33 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
MW-06IMS



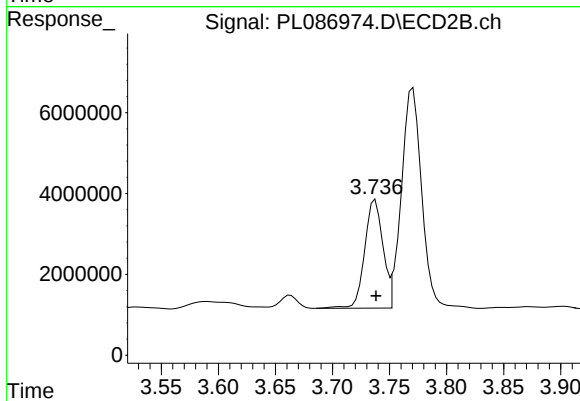
#5 Aldrin

R.T.: 4.047 min  
Delta R.T.: 0.000 min  
Response: 58892190  
Conc: 48.25 ng/ml



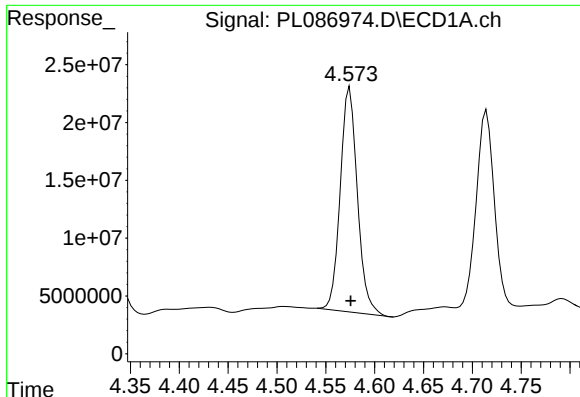
#6 beta-BHC

R.T.: 4.333 min  
Delta R.T.: 0.000 min  
Response: 98518948  
Conc: 52.67 ng/ml



#6 beta-BHC

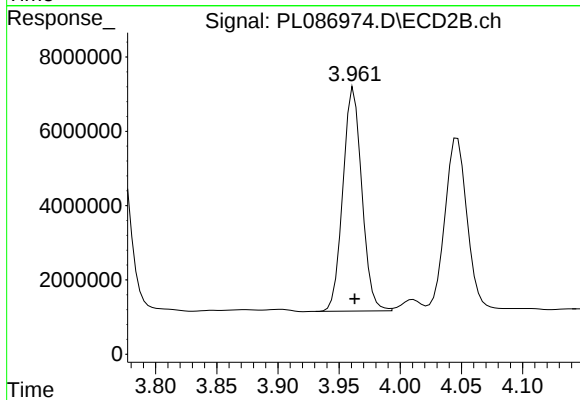
R.T.: 3.738 min  
Delta R.T.: 0.000 min  
Response: 29810701  
Conc: 56.34 ng/ml



#7 delta-BHC

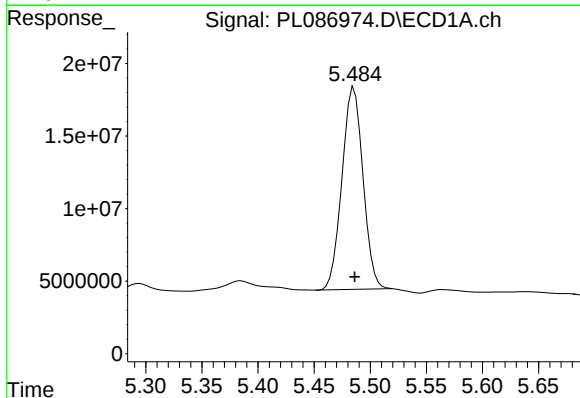
R.T.: 4.575 min  
Delta R.T.: -0.001 min  
Response: 238035116  
Conc: 56.07 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
MW-06IMS



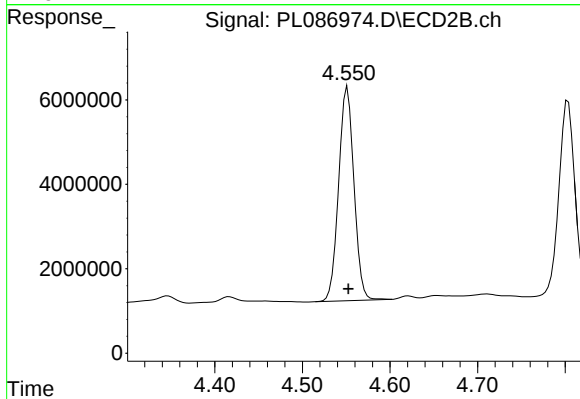
#7 delta-BHC

R.T.: 3.962 min  
Delta R.T.: 0.000 min  
Response: 64899605  
Conc: 55.57 ng/ml



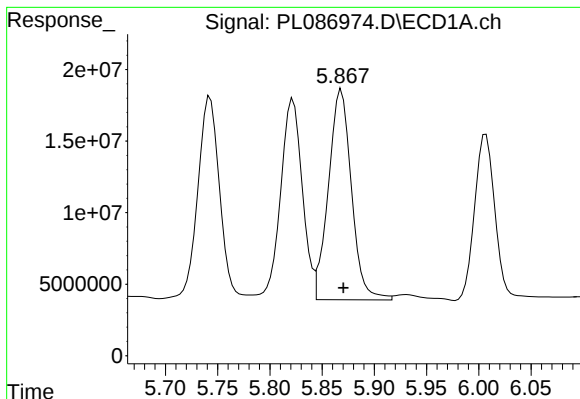
#8 Heptachlor epoxide

R.T.: 5.486 min  
Delta R.T.: 0.000 min  
Response: 181679465  
Conc: 51.29 ng/ml



#8 Heptachlor epoxide

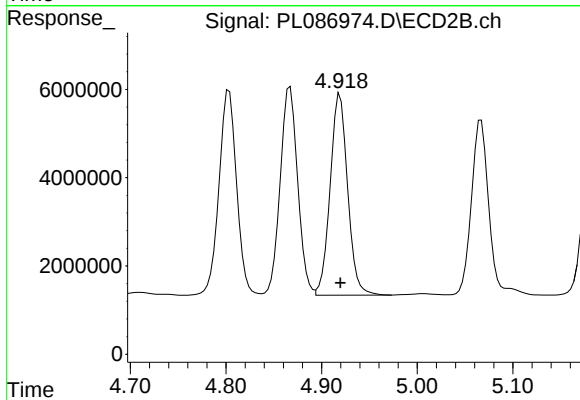
R.T.: 4.551 min  
Delta R.T.: -0.001 min  
Response: 61581988  
Conc: 54.10 ng/ml



#9 Endosulfan I

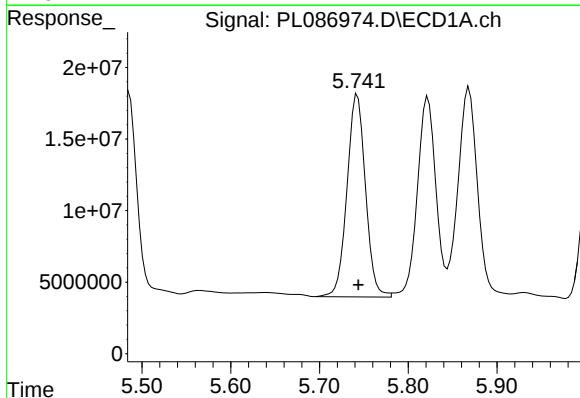
R.T.: 5.869 min  
Delta R.T.: -0.002 min  
Response: 225748207  
Conc: 62.66 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
MW-06IMS



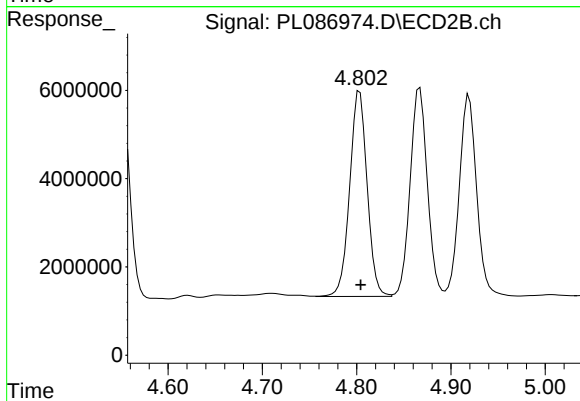
#9 Endosulfan I

R.T.: 4.919 min  
Delta R.T.: 0.000 min  
Response: 57932492  
Conc: 45.12 ng/ml



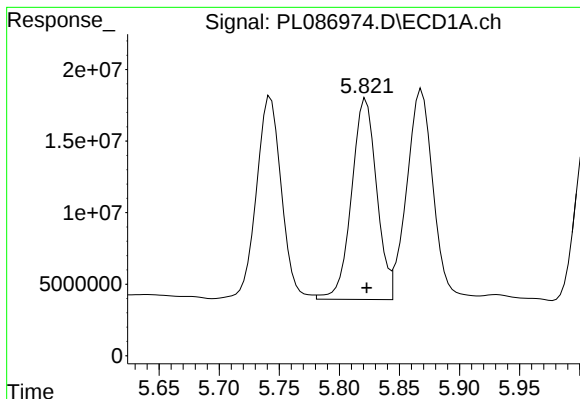
#10 gamma-Chlordane

R.T.: 5.743 min  
Delta R.T.: -0.001 min  
Response: 204848530  
Conc: 54.48 ng/ml



#10 gamma-Chlordane

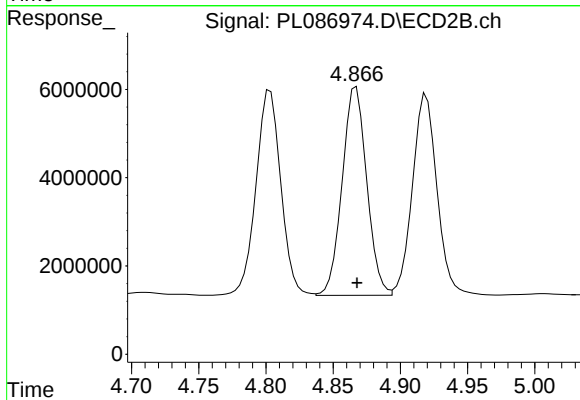
R.T.: 4.803 min  
Delta R.T.: -0.001 min  
Response: 59996034  
Conc: 52.34 ng/ml



#11 alpha-Chlordane

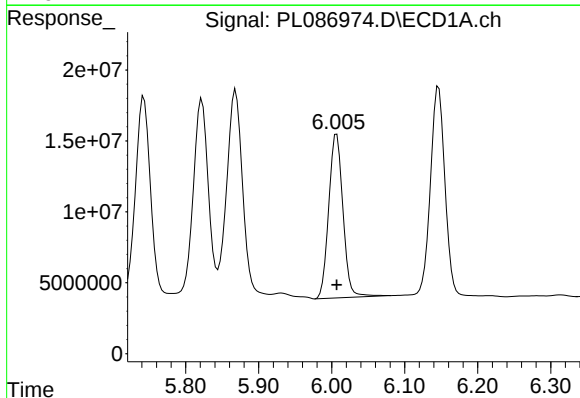
R.T.: 5.822 min  
Delta R.T.: 0.000 min  
Response: 203838410  
Conc: 54.15 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
MW-06IMS



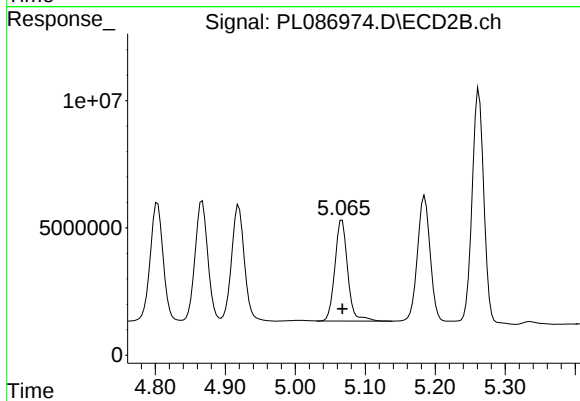
#11 alpha-Chlordane

R.T.: 4.867 min  
Delta R.T.: 0.000 min  
Response: 59989164  
Conc: 45.11 ng/ml



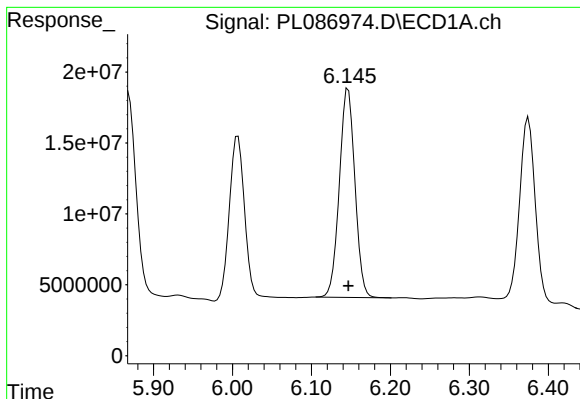
#12 4,4'-DDE

R.T.: 6.007 min  
Delta R.T.: 0.000 min  
Response: 156232981  
Conc: 51.67 ng/ml



#12 4,4'-DDE

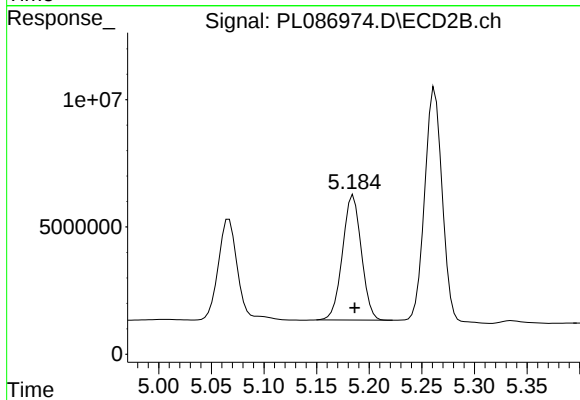
R.T.: 5.067 min  
Delta R.T.: 0.000 min  
Response: 50388708  
Conc: 54.89 ng/ml



#13 Dieldrin

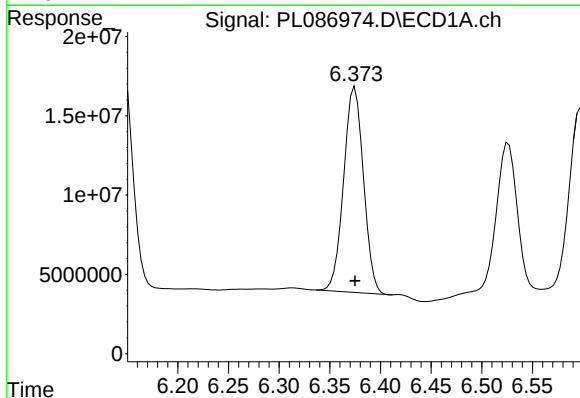
R.T.: 6.146 min  
Delta R.T.: 0.000 min  
Response: 201661852  
Conc: 58.09 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
MW-06IMS



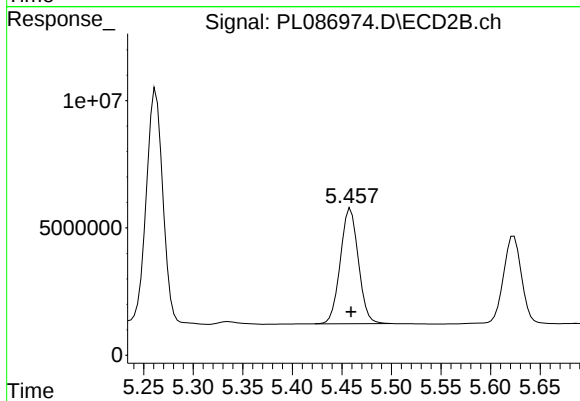
#13 Dieldrin

R.T.: 5.185 min  
Delta R.T.: -0.001 min  
Response: 61461545  
Conc: 57.39 ng/ml



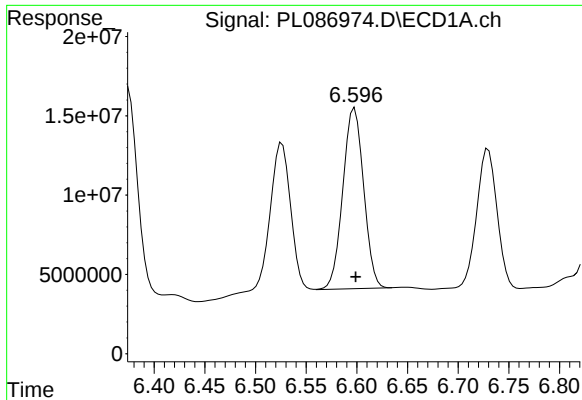
#14 Endrin

R.T.: 6.375 min  
Delta R.T.: 0.000 min  
Response: 176321564  
Conc: 68.40 ng/ml



#14 Endrin

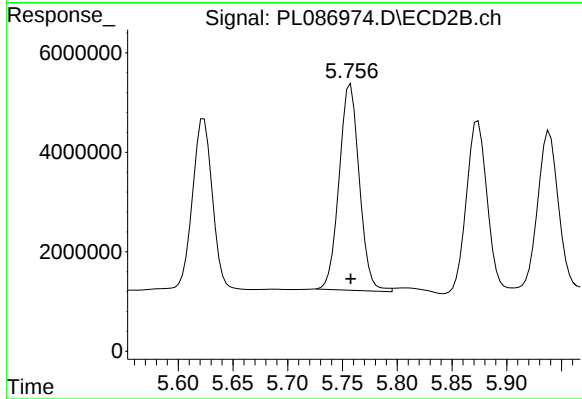
R.T.: 5.459 min  
Delta R.T.: 0.000 min  
Response: 57433226  
Conc: 68.15 ng/ml



#15 Endosulfan II

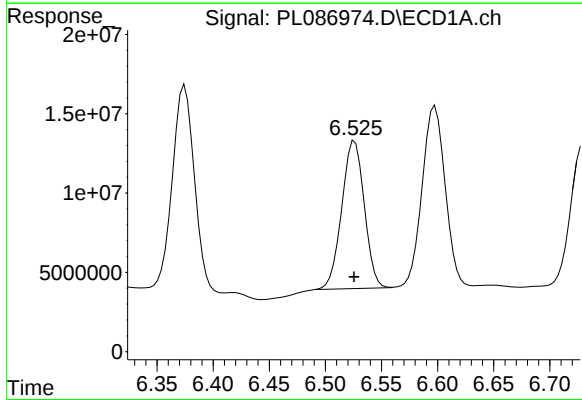
R.T.: 6.598 min  
Delta R.T.: -0.001 min  
Response: 162646582  
Conc: 57.00 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
MW-06IMS



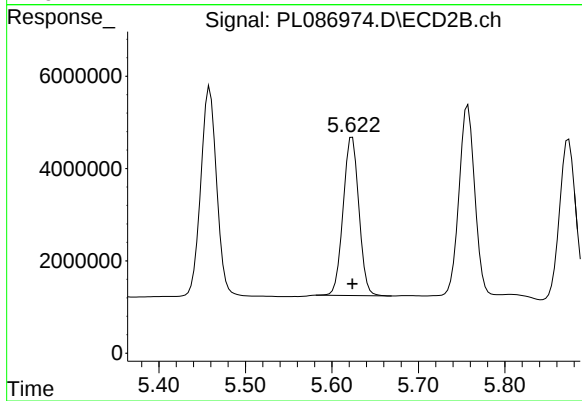
#15 Endosulfan II

R.T.: 5.757 min  
Delta R.T.: 0.000 min  
Response: 53124283  
Conc: 57.21 ng/ml



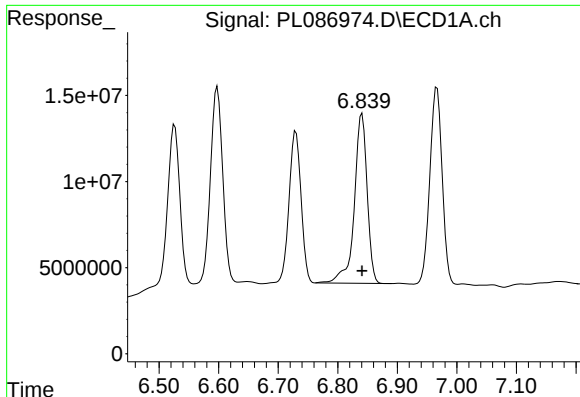
#16 4,4'-DDD

R.T.: 6.526 min  
Delta R.T.: 0.000 min  
Response: 129905780  
Conc: 55.48 ng/ml



#16 4,4'-DDD

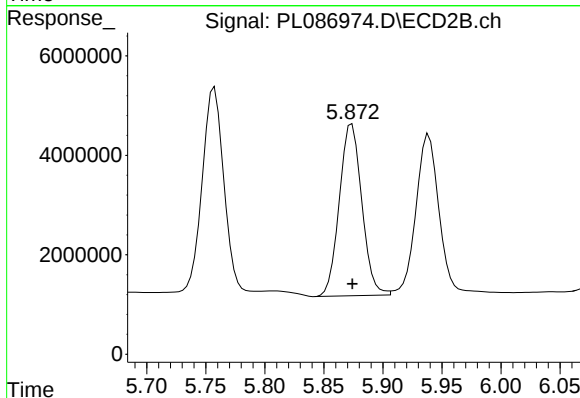
R.T.: 5.623 min  
Delta R.T.: 0.000 min  
Response: 43106441  
Conc: 55.81 ng/ml



#17 4,4'-DDT

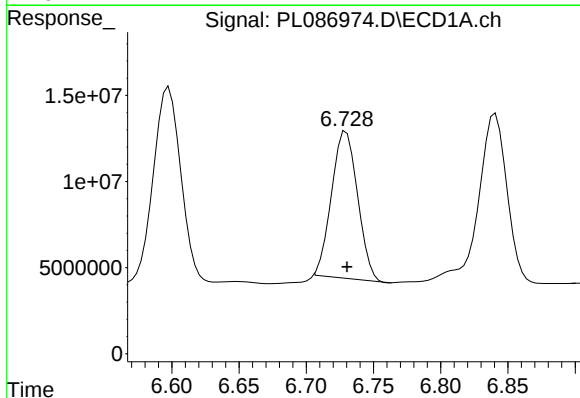
R.T.: 6.841 min  
Delta R.T.: 0.000 min  
Response: 147748295  
Conc: 57.56 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
MW-06IMS



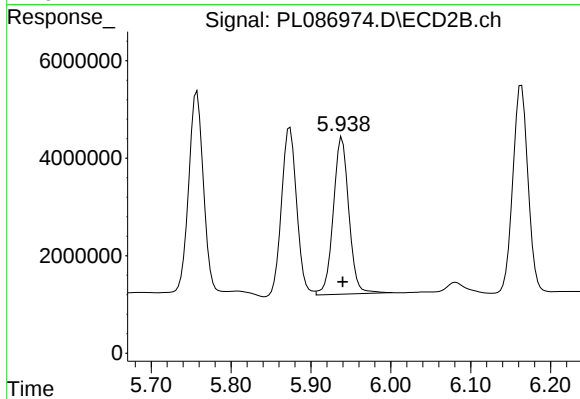
#17 4,4'-DDT

R.T.: 5.874 min  
Delta R.T.: 0.000 min  
Response: 45825275  
Conc: 56.82 ng/ml



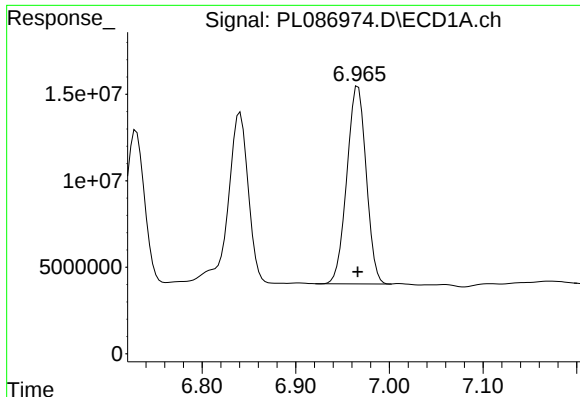
#18 Endrin aldehyde

R.T.: 6.730 min  
Delta R.T.: 0.000 min  
Response: 114494305  
Conc: 53.67 ng/ml



#18 Endrin aldehyde

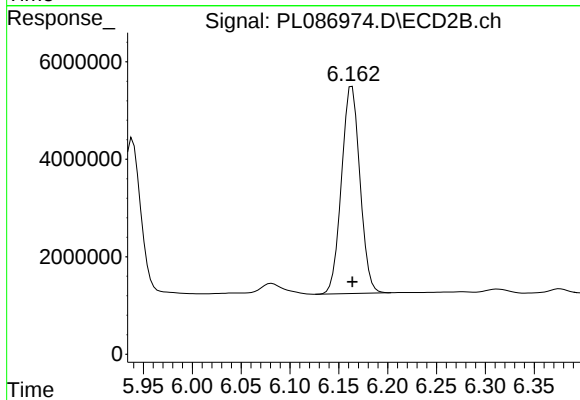
R.T.: 5.939 min  
Delta R.T.: 0.000 min  
Response: 43543837  
Conc: 62.33 ng/ml



#19 Endosulfan Sulfate

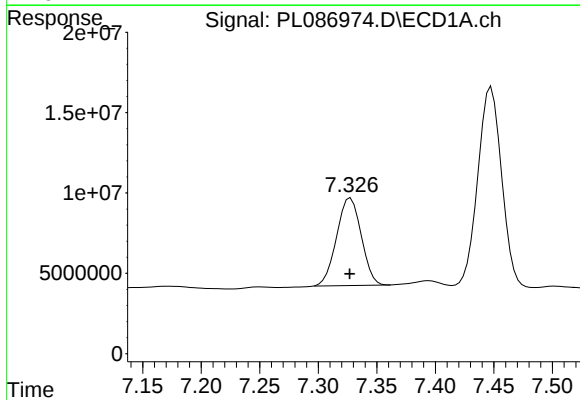
R.T.: 6.967 min  
Delta R.T.: 0.000 min  
Response: 164196004  
Conc: 57.50 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
MW-06IMS



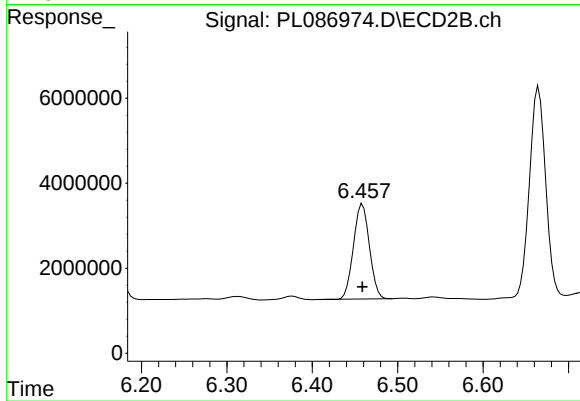
#19 Endosulfan Sulfate

R.T.: 6.164 min  
Delta R.T.: 0.000 min  
Response: 55962453  
Conc: 58.98 ng/ml



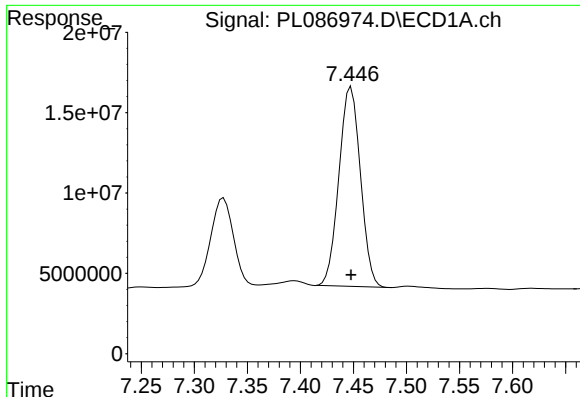
#20 Methoxychlor

R.T.: 7.328 min  
Delta R.T.: 0.000 min  
Response: 79878667  
Conc: 60.49 ng/ml



#20 Methoxychlor

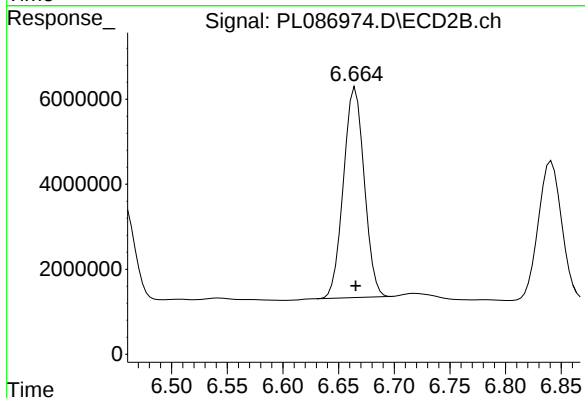
R.T.: 6.459 min  
Delta R.T.: 0.000 min  
Response: 29061450  
Conc: 56.46 ng/ml



#21 Endrin ketone

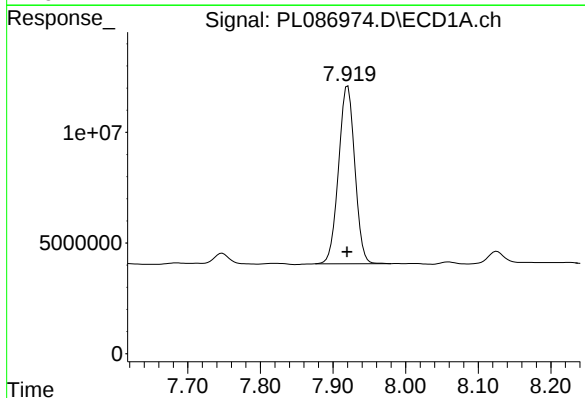
R.T.: 7.448 min  
Delta R.T.: 0.000 min  
Response: 174964955  
Conc: 58.52 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
MW-06IMS



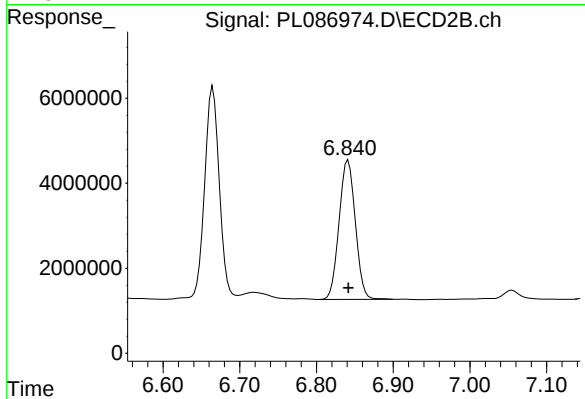
#21 Endrin ketone

R.T.: 6.665 min  
Delta R.T.: 0.000 min  
Response: 64373232  
Conc: 56.39 ng/ml



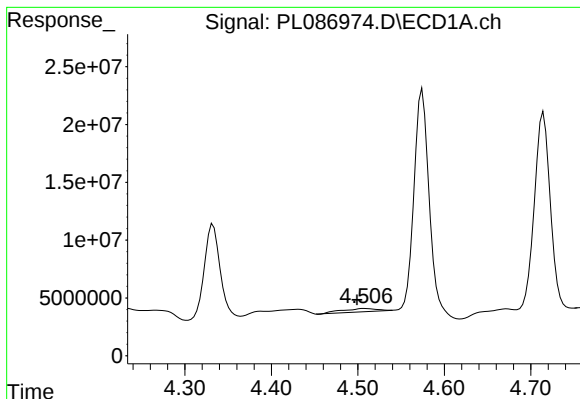
#22 Mirex

R.T.: 7.920 min  
Delta R.T.: 0.000 min  
Response: 125013653  
Conc: 48.88 ng/ml



#22 Mirex

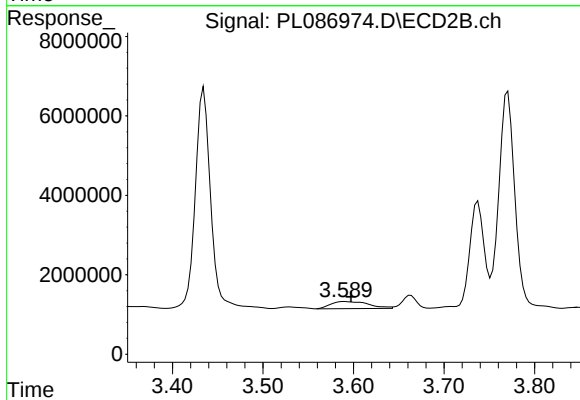
R.T.: 6.841 min  
Delta R.T.: 0.000 min  
Response: 48324092  
Conc: 46.56 ng/ml



#23 Chlordane-1

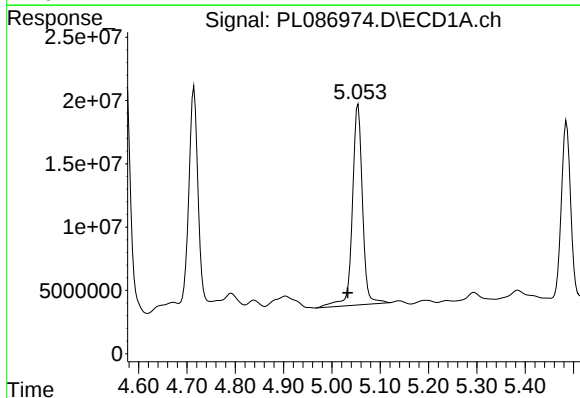
R.T.: 4.508 min  
Delta R.T.: 0.009 min  
Response: 8195888  
Conc: 63.15 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
MW-06IMS



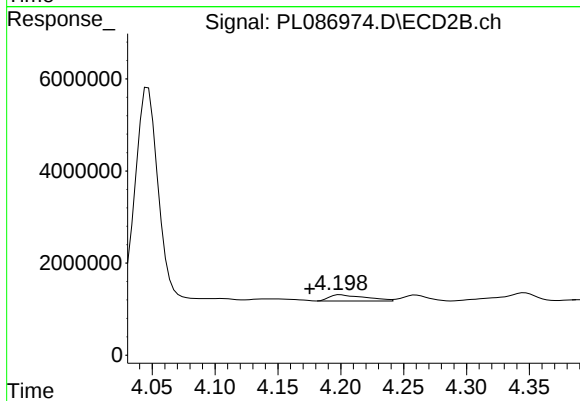
#23 Chlordane-1

R.T.: 3.590 min  
Delta R.T.: -0.007 min  
Response: 5159129  
Conc: 150.42 ng/ml



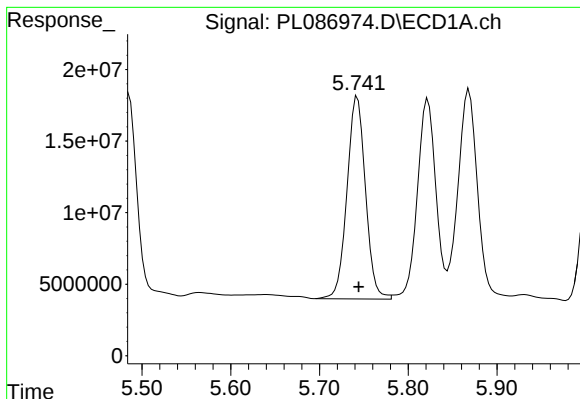
#24 Chlordane-2

R.T.: 5.054 min  
Delta R.T.: 0.021 min  
Response: 229281504  
Conc: 1625.28 ng/ml



#24 Chlordane-2

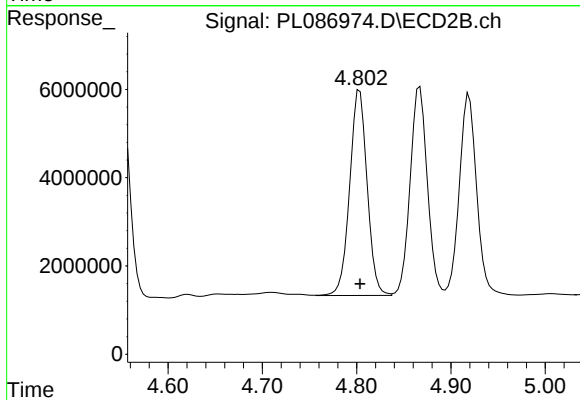
R.T.: 4.200 min  
Delta R.T.: 0.024 min  
Response: 2684662  
Conc: 65.37 ng/ml



#25 Chlordane-3

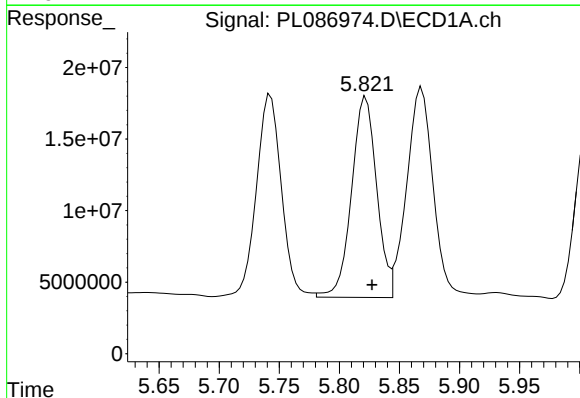
R.T.: 5.743 min  
Delta R.T.: -0.002 min  
Response: 204848530  
Conc: 387.08 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
MW-06IMS



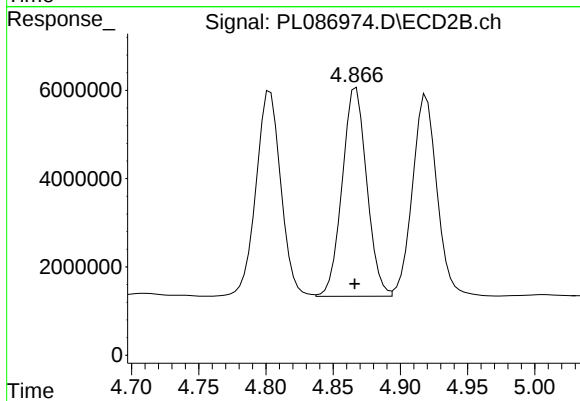
#25 Chlordane-3

R.T.: 4.803 min  
Delta R.T.: 0.000 min  
Response: 59996034  
Conc: 547.86 ng/ml



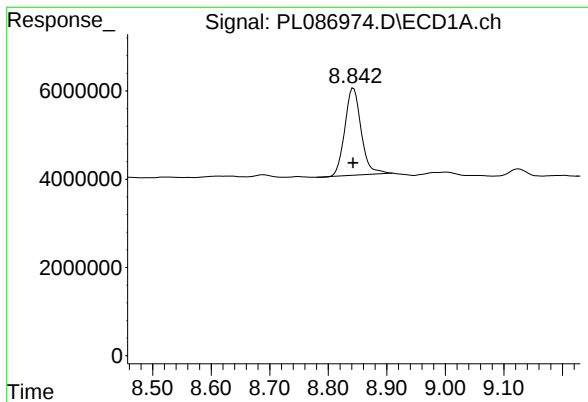
#26 Chlordane-4

R.T.: 5.822 min  
Delta R.T.: -0.005 min  
Response: 203838410  
Conc: 305.74 ng/ml



#26 Chlordane-4

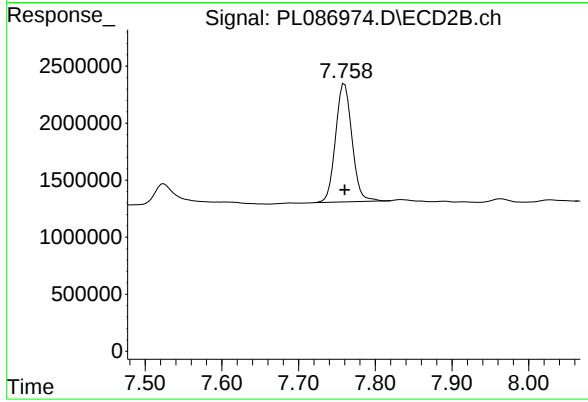
R.T.: 4.867 min  
Delta R.T.: 0.001 min  
Response: 59989164  
Conc: 441.40 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.843 min  
Delta R.T.: 0.000 min  
Response: 38342419  
Conc: 14.36 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
MW-06IMS



#28 Decachlorobiphenyl

R.T.: 7.760 min  
Delta R.T.: 0.000 min  
Response: 15430893  
Conc: 14.00 ng/ml