

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL091824\  
 Data File : PL091836.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 18 Sep 2024 22:02  
 Operator : AR\AJ  
 Sample : PSTDCCC050  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 PSTDCCC050

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Sep 19 01:55:26 2024  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL090924.M  
 Quant Title : GC Extractables  
 QLast Update : Mon Sep 09 19:26:36 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... | 3.542  | 2.781 | 70959303 | 83677200 | 45.528   | 44.740     |
| 2)                          | SA Decachlor... | 9.060  | 7.923 | 54122620 | 83707301 | 44.534   | 45.332     |
| Target Compounds            |                 |        |       |          |          |          |            |
| 2)                          | A alpha-BHC     | 3.998  | 3.284 | 97367610 | 118.9E6  | 45.079   | 44.722     |
| 3)                          | MA gamma-BHC... | 4.331  | 3.614 | 90909194 | 111.7E6  | 44.223   | 45.409     |
| 4)                          | MA Heptachlor   | 4.920  | 3.954 | 88635090 | 111.0E6  | 47.322   | 46.098     |
| 5)                          | MB Aldrin       | 5.261  | 4.235 | 83429077 | 105.7E6  | 44.792   | 46.328     |
| 6)                          | B beta-BHC      | 4.527  | 3.914 | 42751185 | 49728593 | 46.978   | 45.520     |
| 7)                          | B delta-BHC     | 4.775  | 4.143 | 89419694 | 108.4E6  | 46.544   | 47.129     |
| 8)                          | B Heptachlo...  | 5.687  | 4.737 | 79626540 | 94828114 | 47.717   | 44.991     |
| 9)                          | A Endosulfan I  | 6.073  | 5.107 | 72404013 | 87074440 | 46.469   | 45.132     |
| 10)                         | B gamma-Chl...  | 5.943  | 4.987 | 78274483 | 99955281 | 46.849   | 45.317     |
| 11)                         | B alpha-Chl...  | 6.023  | 5.051 | 77965825 | 96597257 | 48.371   | 46.688     |
| 12)                         | B 4,4'-DDE      | 6.196  | 5.240 | 70351169 | 92074345 | 48.230   | 48.544     |
| 13)                         | MA Dieldrin     | 6.348  | 5.371 | 77101452 | 94320871 | 47.251   | 45.888     |
| 14)                         | MA Endrin       | 6.577  | 5.647 | 62634014 | 83587114 | 47.104   | 44.292     |
| 15)                         | B Endosulfa...  | 6.797  | 5.941 | 70816996 | 83159594 | 45.688   | 47.012     |
| 16)                         | A 4,4'-DDD      | 6.713  | 5.795 | 61820729 | 77088225 | 48.772   | 46.002     |
| 17)                         | MA 4,4'-DDT     | 7.027  | 6.045 | 61892597 | 74152224 | 47.183   | 46.149     |
| 18)                         | B Endrin al...  | 6.927  | 6.121 | 56613295 | 64516280 | 47.649   | 47.194     |
| 19)                         | B Endosulfa...  | 7.162  | 6.344 | 65080360 | 79893360 | 46.606   | 46.555     |
| 20)                         | A Methoxychlor  | 7.503  | 6.621 | 33512101 | 41929641 | 49.540   | 47.337     |
| 21)                         | B Endrin ke...  | 7.647  | 6.849 | 73238147 | 94453518 | 47.363   | 46.959     |
| 22)                         | Mirex           | 8.120  | 7.031 | 56745487 | 76360692 | 47.389   | 43.063     |
| 24)                         | Chlordane-2     | 5.261f | 4.371 | 83429077 | 3501752  | 1085.155 | 46.720 #   |
| 25)                         | Chlordane-3     | 5.943  | 4.987 | 78274483 | 99955281 | 304.690  | 428.733 #  |
| 26)                         | Chlordane-4     | 6.023  | 5.051 | 77965825 | 96597257 | 263.259  | 463.223 #  |
| 27)                         | Chlordane-5     | 0.000  | 5.941 | 0        | 83159594 | N.D.     | 1160.465 # |
| -----                       |                 |        |       |          |          |          |            |

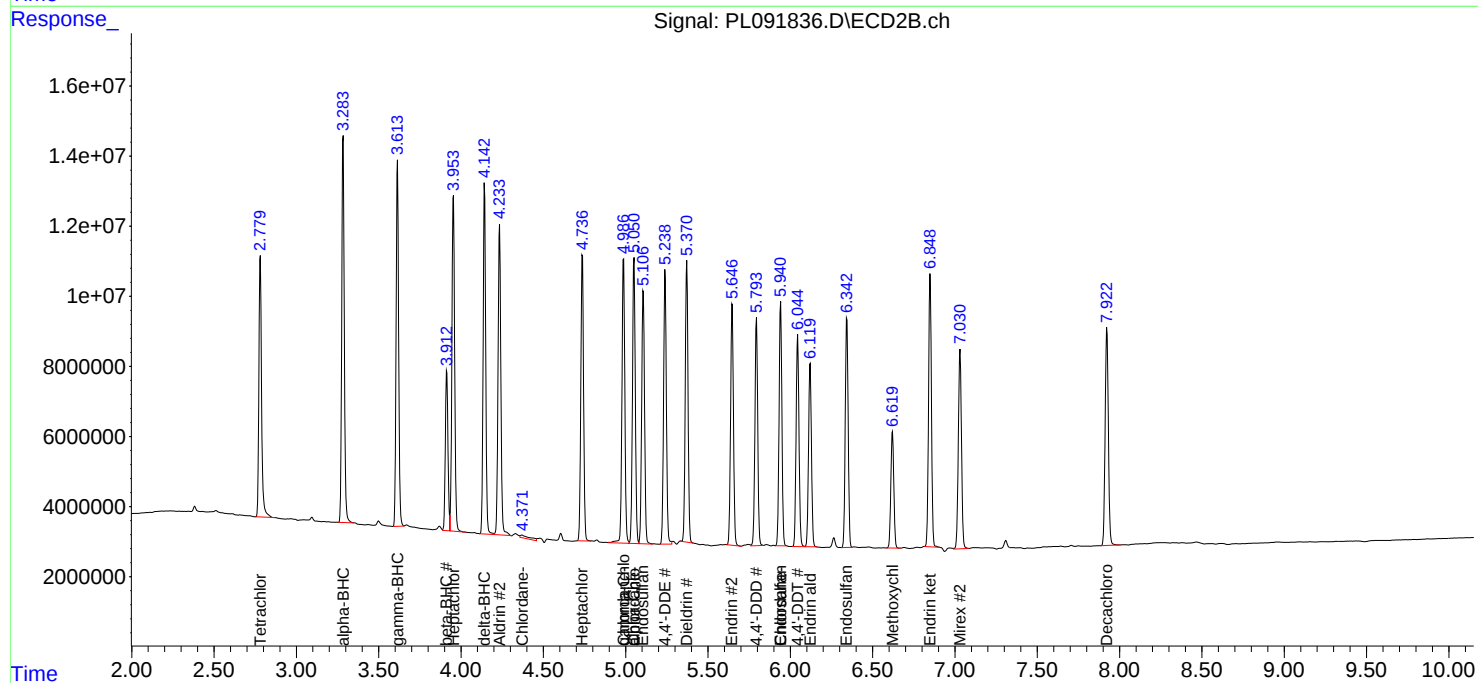
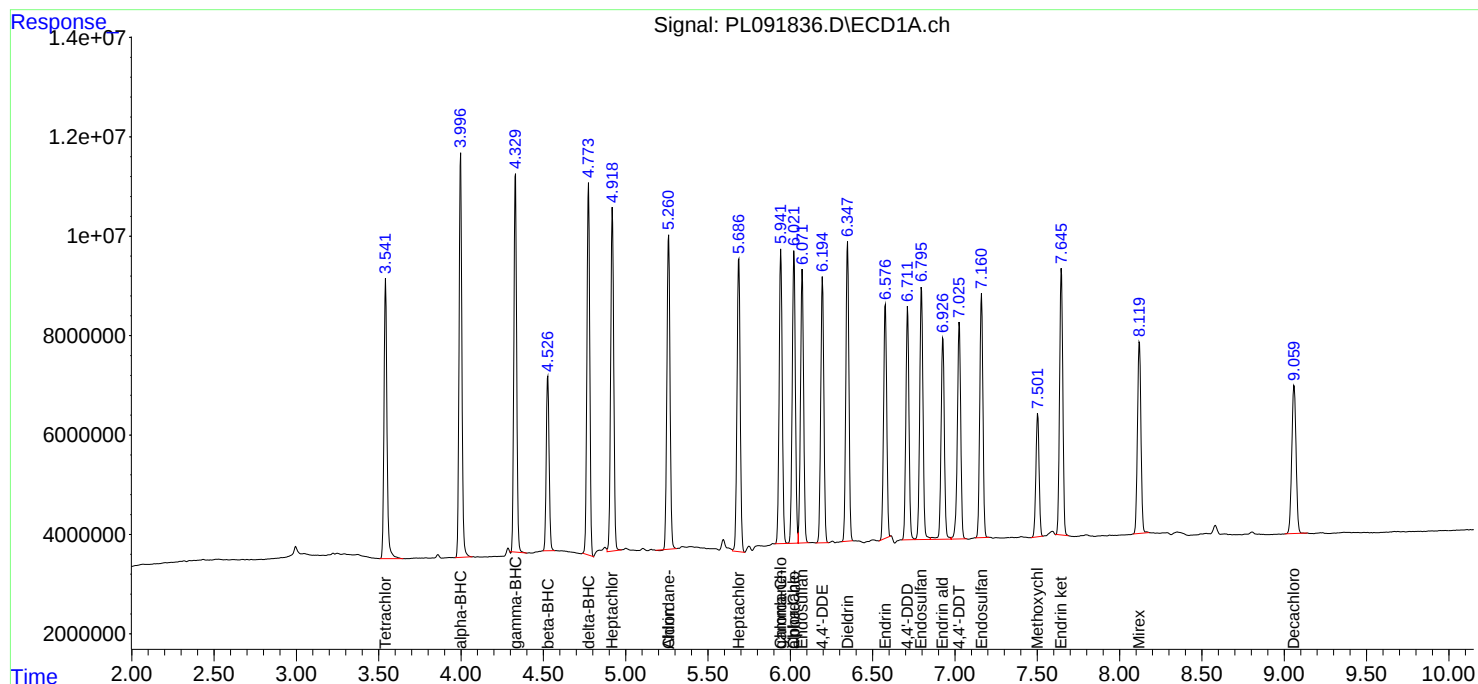
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

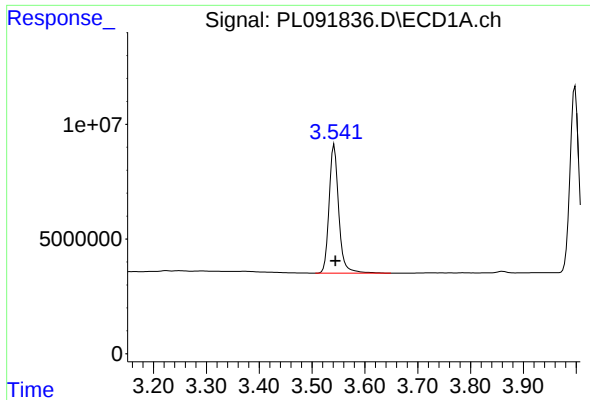
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL091824\  
Data File : PL091836.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 18 Sep 2024 22:02  
Operator : AR\AJ  
Sample : PSTDCCC050  
Misc :  
ALS Vial : 4 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Sep 19 01:55:26 2024  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL090924.M  
Quant Title : GC Extractables  
QLast Update : Mon Sep 09 19:26:36 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

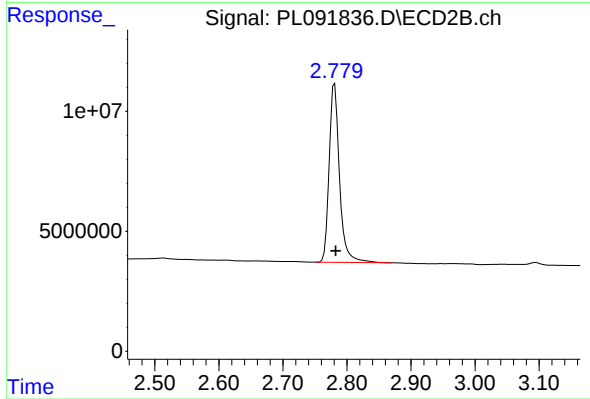




#1 Tetrachloro-m-xylene

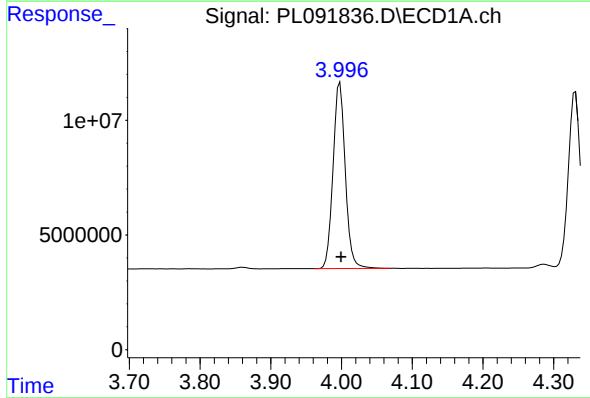
R.T.: 3.542 min  
Delta R.T.: -0.002 min  
Response: 70959303  
Conc: 45.53 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



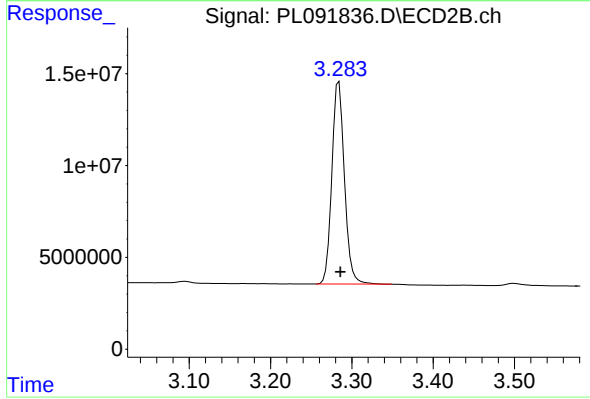
#1 Tetrachloro-m-xylene

R.T.: 2.781 min  
Delta R.T.: -0.002 min  
Response: 83677200  
Conc: 44.74 ng/ml



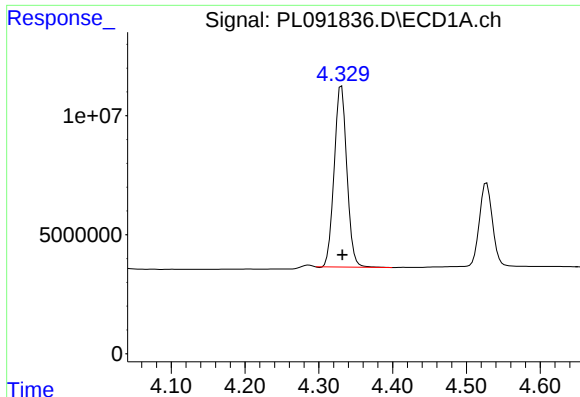
#2 alpha-BHC

R.T.: 3.998 min  
Delta R.T.: -0.002 min  
Response: 97367610  
Conc: 45.08 ng/ml



#2 alpha-BHC

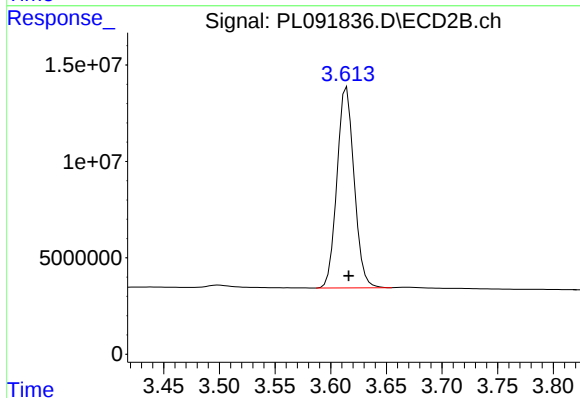
R.T.: 3.284 min  
Delta R.T.: -0.002 min  
Response: 118941263  
Conc: 44.72 ng/ml



#3 gamma-BHC (Lindane)

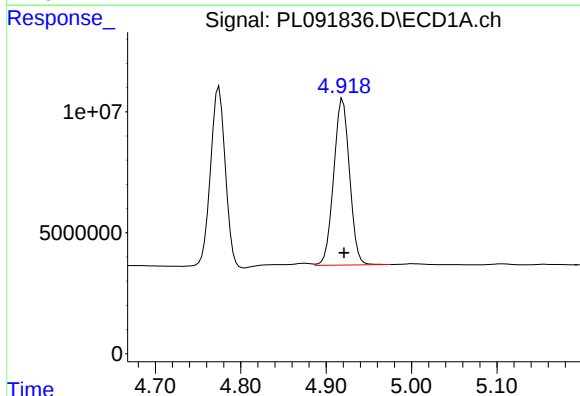
R.T.: 4.331 min  
Delta R.T.: -0.001 min  
Response: 90909194  
Conc: 44.22 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



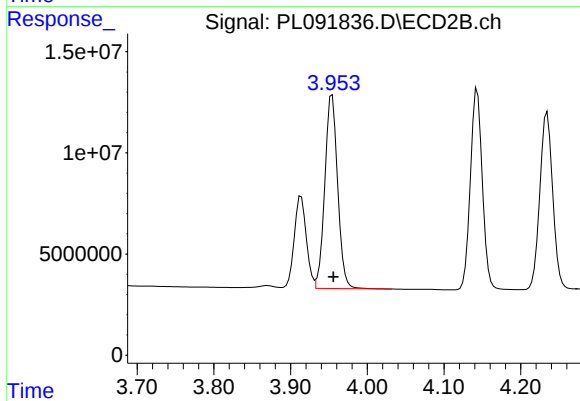
#3 gamma-BHC (Lindane)

R.T.: 3.614 min  
Delta R.T.: -0.002 min  
Response: 111680892  
Conc: 45.41 ng/ml



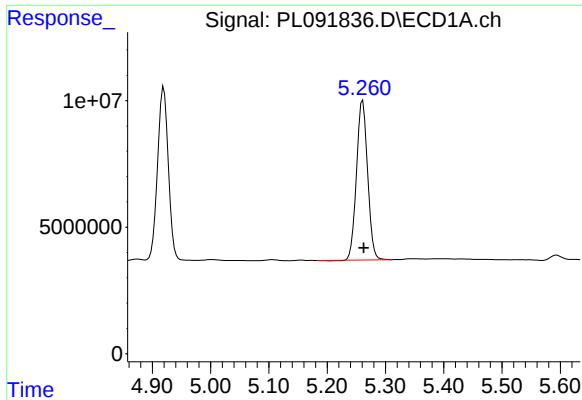
#4 Heptachlor

R.T.: 4.920 min  
Delta R.T.: -0.001 min  
Response: 88635090  
Conc: 47.32 ng/ml



#4 Heptachlor

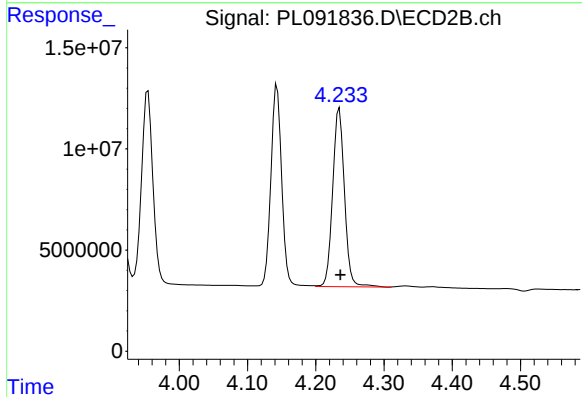
R.T.: 3.954 min  
Delta R.T.: -0.002 min  
Response: 111019538  
Conc: 46.10 ng/ml



#5 Aldrin

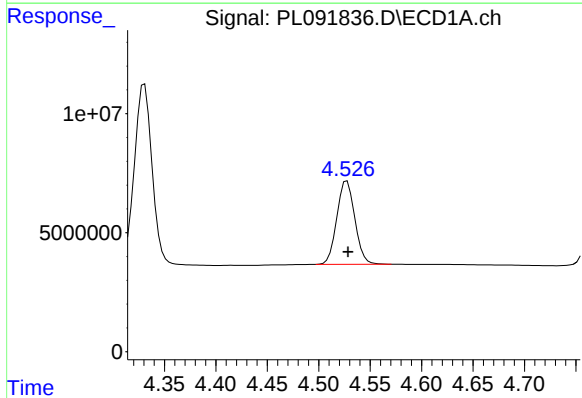
R.T.: 5.261 min  
Delta R.T.: -0.001 min  
Response: 83429077  
Conc: 44.79 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



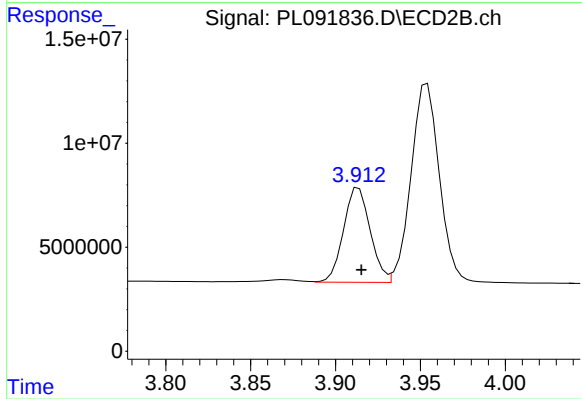
#5 Aldrin

R.T.: 4.235 min  
Delta R.T.: -0.002 min  
Response: 105698153  
Conc: 46.33 ng/ml



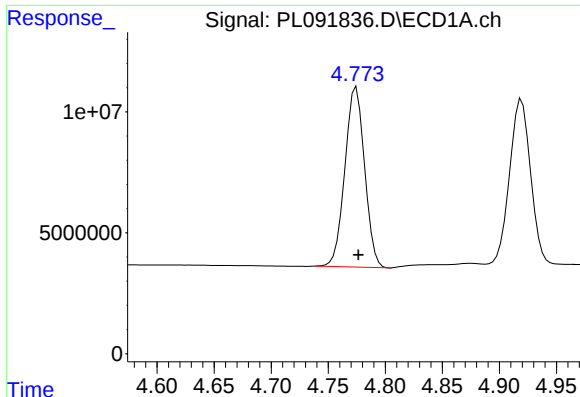
#6 beta-BHC

R.T.: 4.527 min  
Delta R.T.: -0.001 min  
Response: 42751185  
Conc: 46.98 ng/ml



#6 beta-BHC

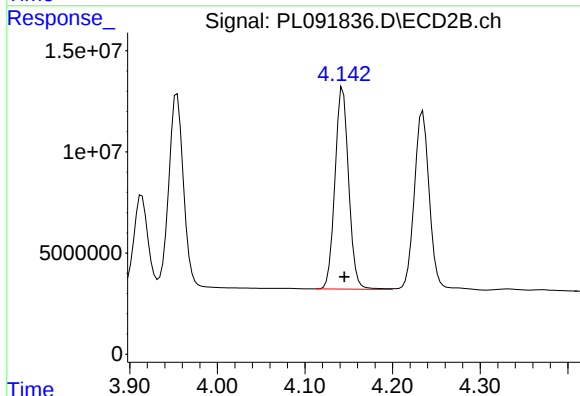
R.T.: 3.914 min  
Delta R.T.: -0.002 min  
Response: 49728593  
Conc: 45.52 ng/ml



#7 delta-BHC

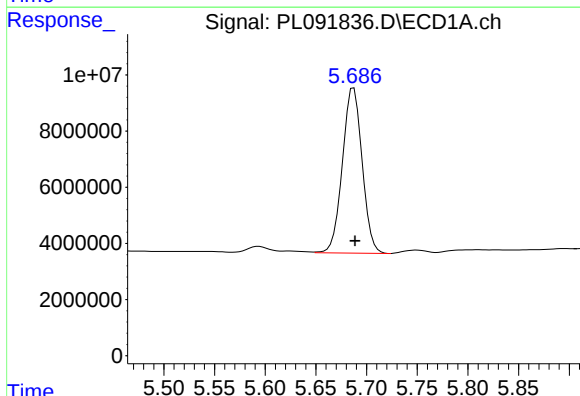
R.T.: 4.775 min  
Delta R.T.: -0.002 min  
Response: 89419694  
Conc: 46.54 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



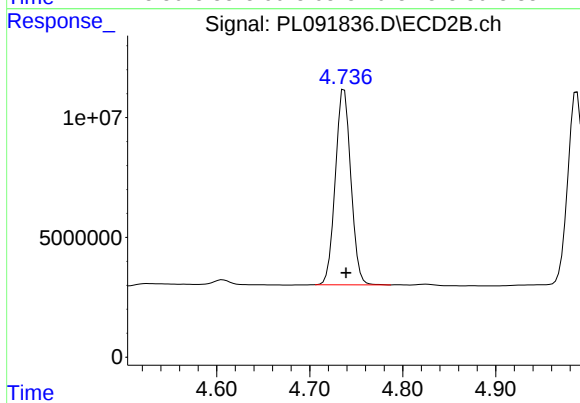
#7 delta-BHC

R.T.: 4.143 min  
Delta R.T.: -0.002 min  
Response: 108431133  
Conc: 47.13 ng/ml



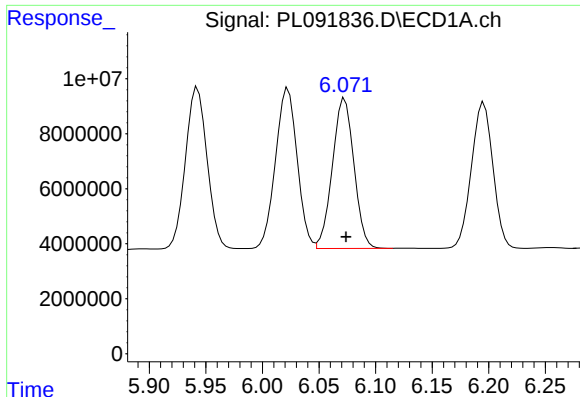
#8 Heptachlor epoxide

R.T.: 5.687 min  
Delta R.T.: -0.001 min  
Response: 79626540  
Conc: 47.72 ng/ml



#8 Heptachlor epoxide

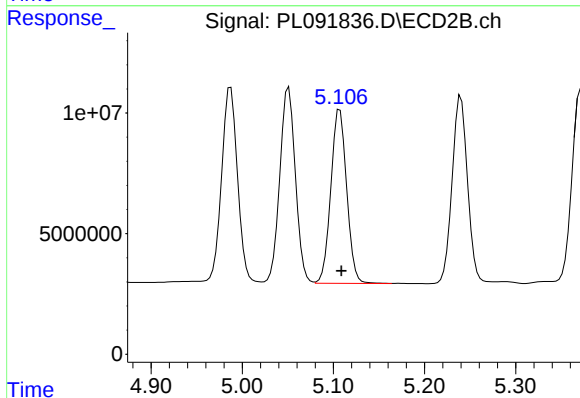
R.T.: 4.737 min  
Delta R.T.: -0.002 min  
Response: 94828114  
Conc: 44.99 ng/ml



#9 Endosulfan I

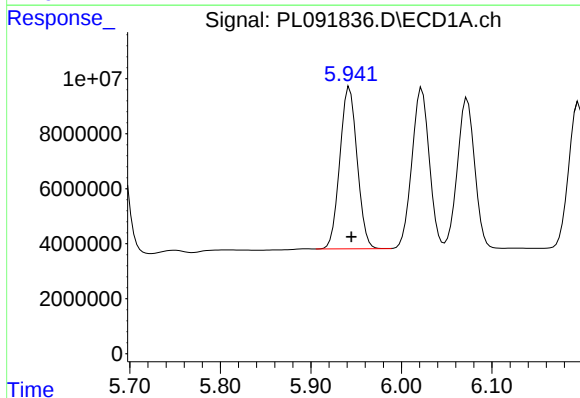
R.T.: 6.073 min  
Delta R.T.: -0.001 min  
Response: 72404013  
Conc: 46.47 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



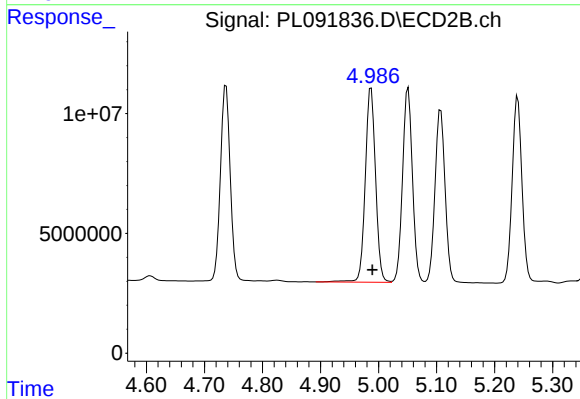
#9 Endosulfan I

R.T.: 5.107 min  
Delta R.T.: -0.002 min  
Response: 87074440  
Conc: 45.13 ng/ml



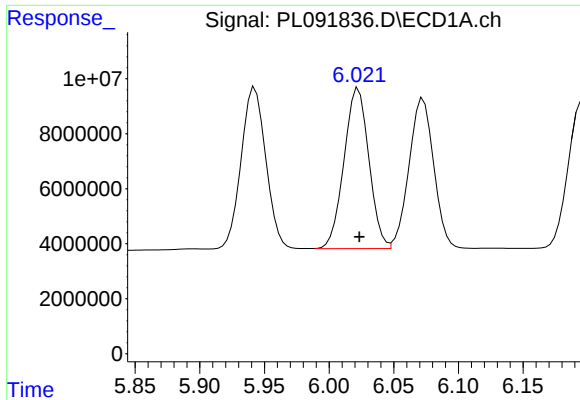
#10 gamma-Chlordane

R.T.: 5.943 min  
Delta R.T.: -0.002 min  
Response: 78274483  
Conc: 46.85 ng/ml



#10 gamma-Chlordane

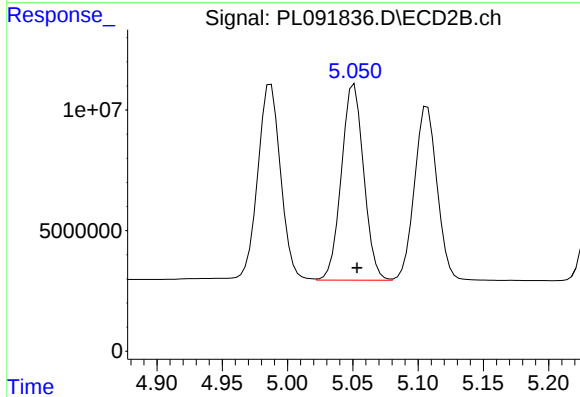
R.T.: 4.987 min  
Delta R.T.: -0.002 min  
Response: 99955281  
Conc: 45.32 ng/ml



#11 alpha-Chlordane

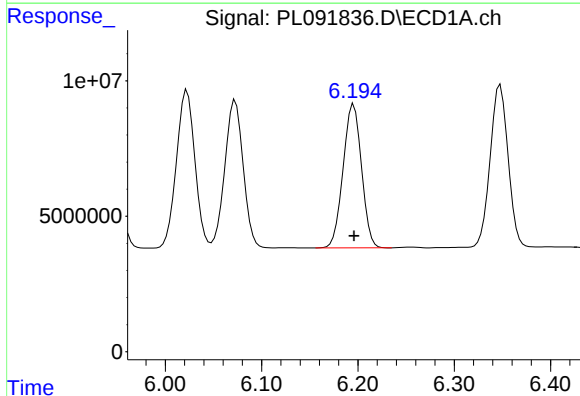
R.T.: 6.023 min  
Delta R.T.: 0.000 min  
Response: 77965825  
Conc: 48.37 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



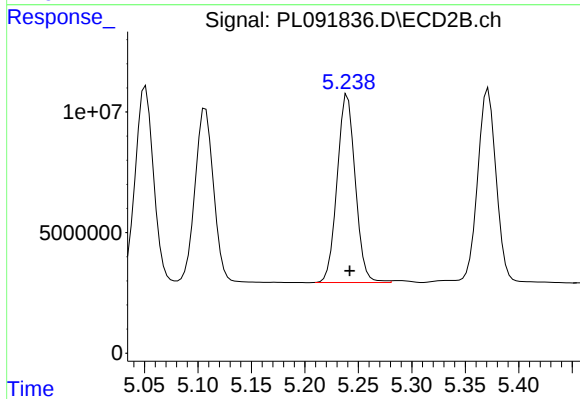
#11 alpha-Chlordane

R.T.: 5.051 min  
Delta R.T.: -0.002 min  
Response: 96597257  
Conc: 46.69 ng/ml



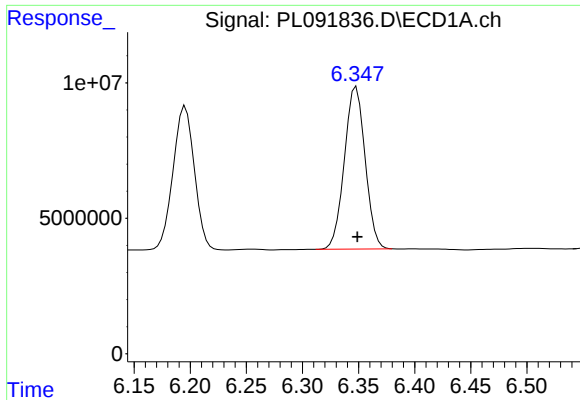
#12 4,4'-DDE

R.T.: 6.196 min  
Delta R.T.: 0.000 min  
Response: 70351169  
Conc: 48.23 ng/ml



#12 4,4'-DDE

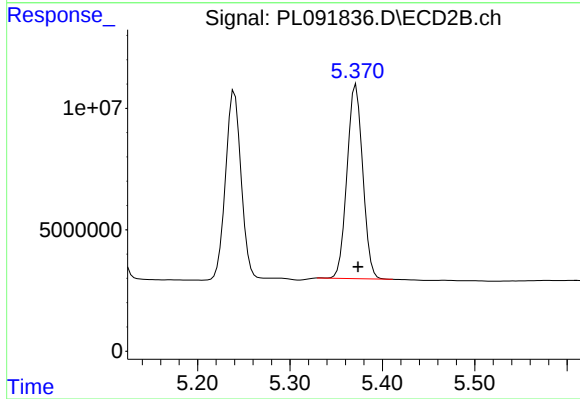
R.T.: 5.240 min  
Delta R.T.: -0.002 min  
Response: 92074345  
Conc: 48.54 ng/ml



#13 Dieldrin

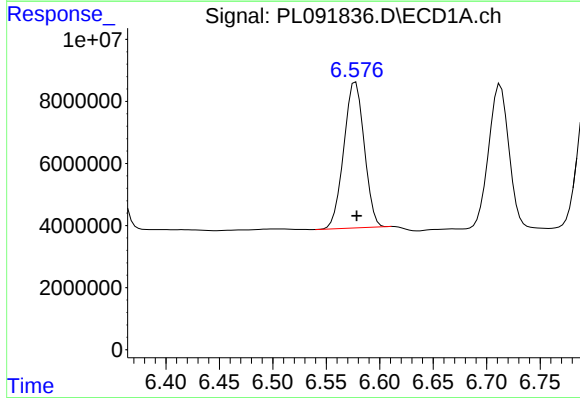
R.T.: 6.348 min  
Delta R.T.: -0.001 min  
Response: 77101452  
Conc: 47.25 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



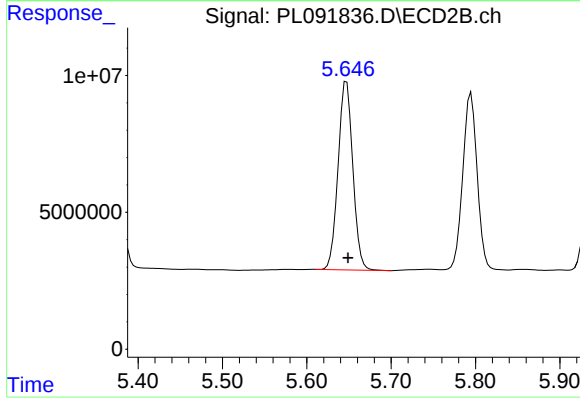
#13 Dieldrin

R.T.: 5.371 min  
Delta R.T.: -0.002 min  
Response: 94320871  
Conc: 45.89 ng/ml



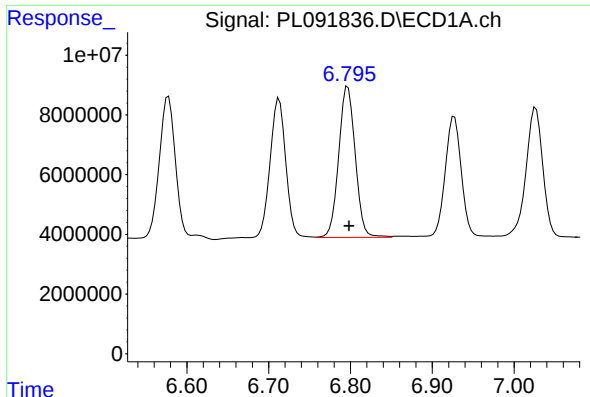
#14 Endrin

R.T.: 6.577 min  
Delta R.T.: -0.001 min  
Response: 62634014  
Conc: 47.10 ng/ml



#14 Endrin

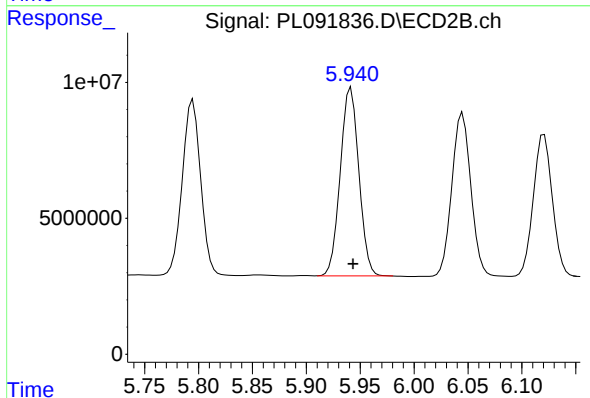
R.T.: 5.647 min  
Delta R.T.: -0.002 min  
Response: 83587114  
Conc: 44.29 ng/ml



#15 Endosulfan II

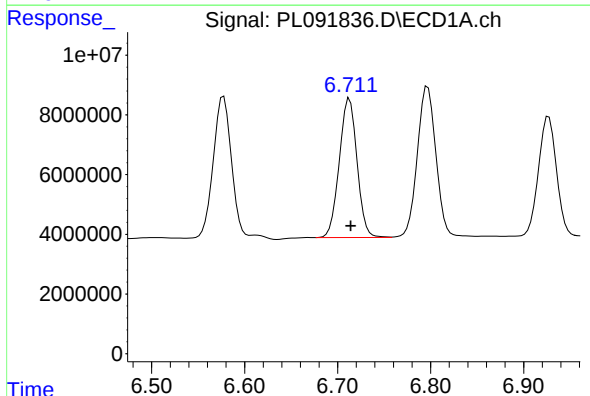
R.T.: 6.797 min  
Delta R.T.: -0.001 min  
Response: 70816996  
Conc: 45.69 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



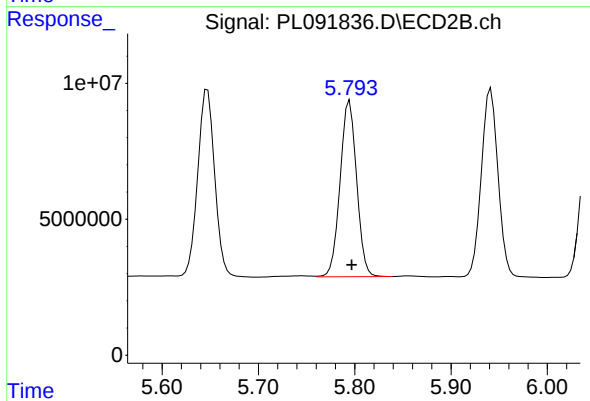
#15 Endosulfan II

R.T.: 5.941 min  
Delta R.T.: -0.002 min  
Response: 83159594  
Conc: 47.01 ng/ml



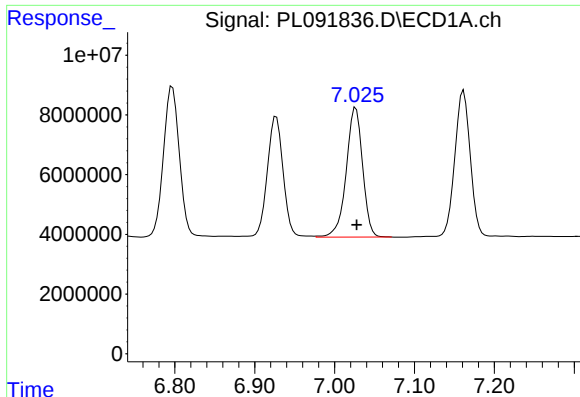
#16 4,4'-DDD

R.T.: 6.713 min  
Delta R.T.: -0.001 min  
Response: 61820729  
Conc: 48.77 ng/ml



#16 4,4'-DDD

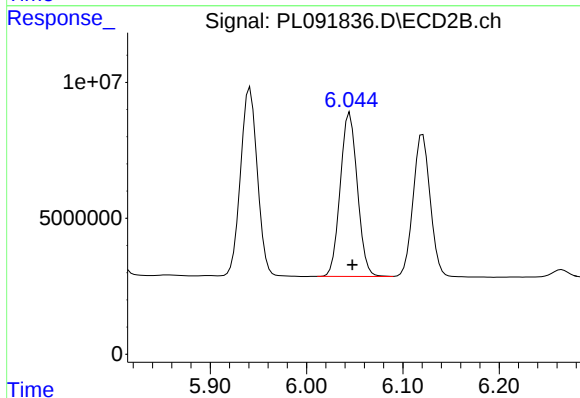
R.T.: 5.795 min  
Delta R.T.: -0.002 min  
Response: 77088225  
Conc: 46.00 ng/ml



#17 4,4'-DDT

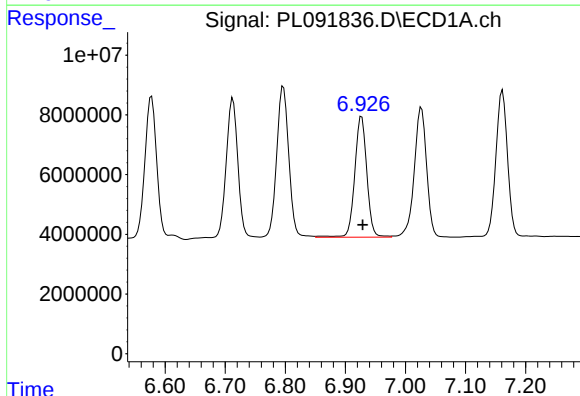
R.T.: 7.027 min  
Delta R.T.: -0.001 min  
Response: 61892597  
Conc: 47.18 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



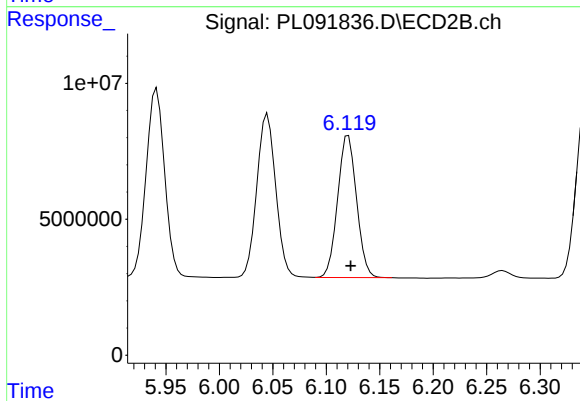
#17 4,4'-DDT

R.T.: 6.045 min  
Delta R.T.: -0.002 min  
Response: 74152224  
Conc: 46.15 ng/ml



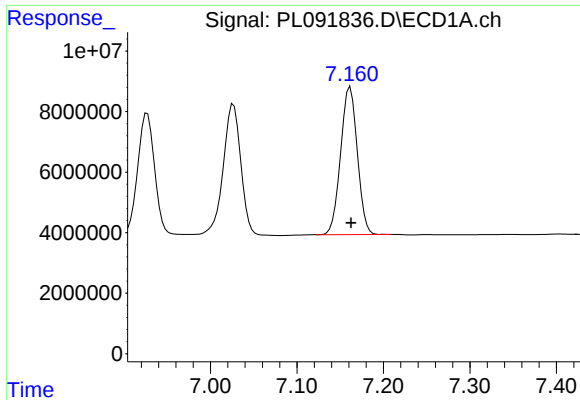
#18 Endrin aldehyde

R.T.: 6.927 min  
Delta R.T.: -0.002 min  
Response: 56613295  
Conc: 47.65 ng/ml



#18 Endrin aldehyde

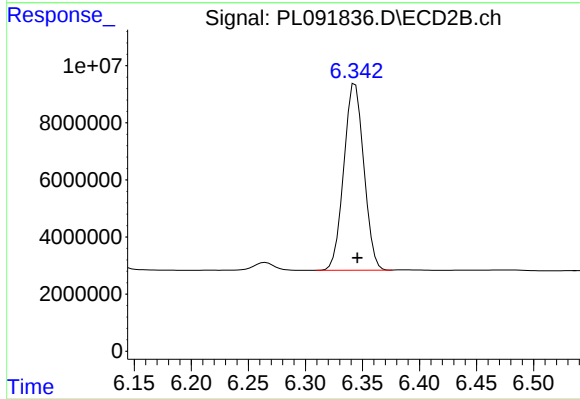
R.T.: 6.121 min  
Delta R.T.: -0.002 min  
Response: 64516280  
Conc: 47.19 ng/ml



#19 Endosulfan Sulfate

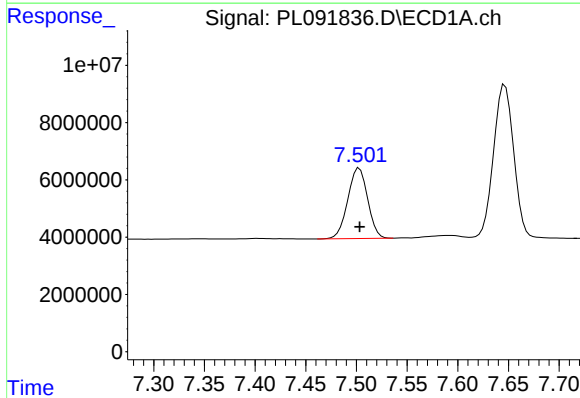
R.T.: 7.162 min  
Delta R.T.: 0.000 min  
Response: 65080360  
Conc: 46.61 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



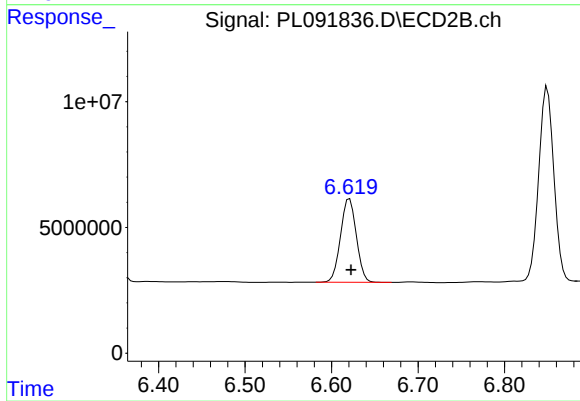
#19 Endosulfan Sulfate

R.T.: 6.344 min  
Delta R.T.: -0.002 min  
Response: 79893360  
Conc: 46.55 ng/ml



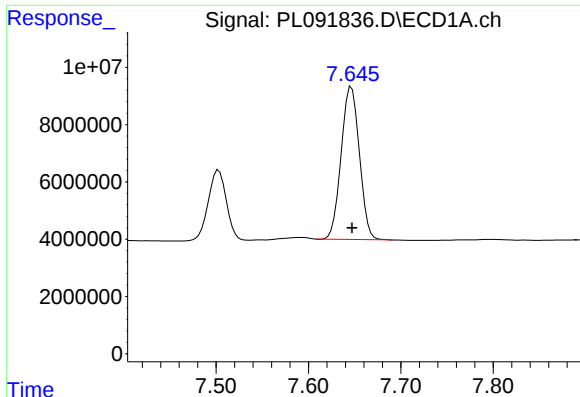
#20 Methoxychlor

R.T.: 7.503 min  
Delta R.T.: 0.000 min  
Response: 33512101  
Conc: 49.54 ng/ml



#20 Methoxychlor

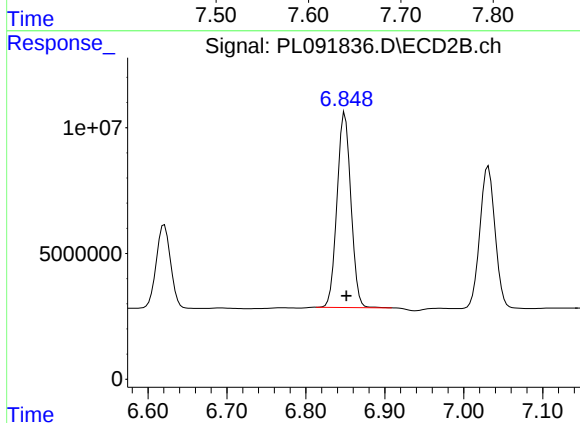
R.T.: 6.621 min  
Delta R.T.: -0.002 min  
Response: 41929641  
Conc: 47.34 ng/ml



#21 Endrin ketone

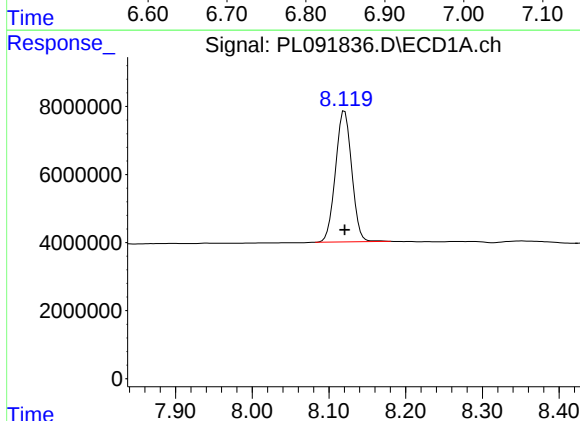
R.T.: 7.647 min  
Delta R.T.: 0.000 min  
Response: 73238147  
Conc: 47.36 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



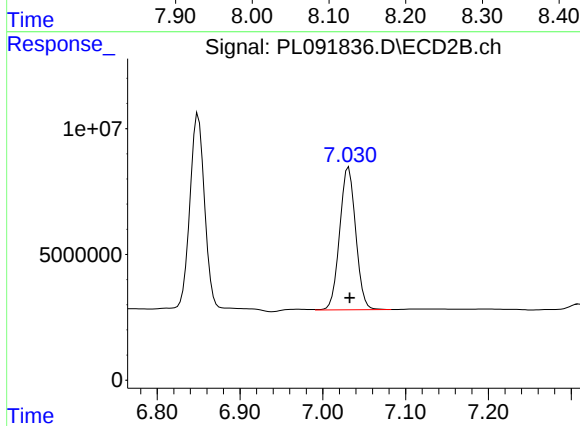
#21 Endrin ketone

R.T.: 6.849 min  
Delta R.T.: -0.002 min  
Response: 94453518  
Conc: 46.96 ng/ml



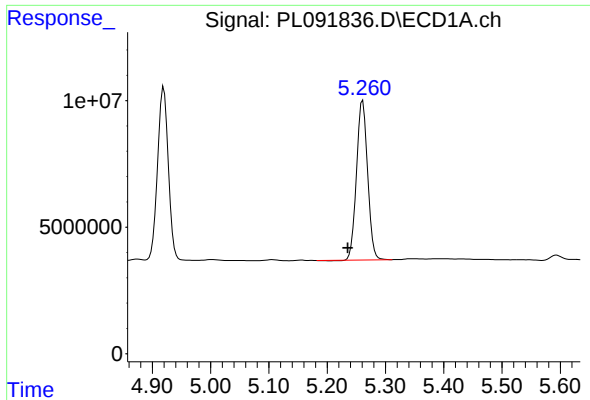
#22 Mirex

R.T.: 8.120 min  
Delta R.T.: 0.000 min  
Response: 56745487  
Conc: 47.39 ng/ml



#22 Mirex

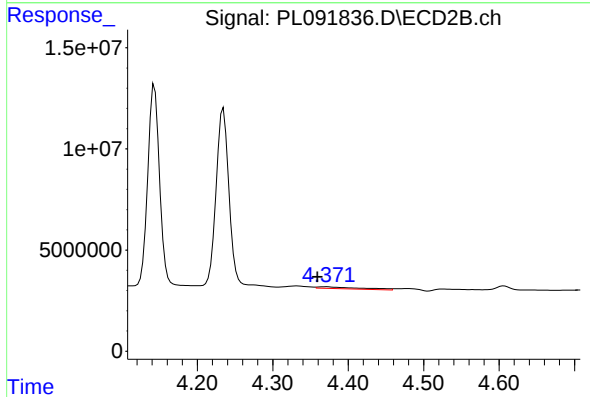
R.T.: 7.031 min  
Delta R.T.: -0.001 min  
Response: 76360692  
Conc: 43.06 ng/ml



#24 Chlordane-2

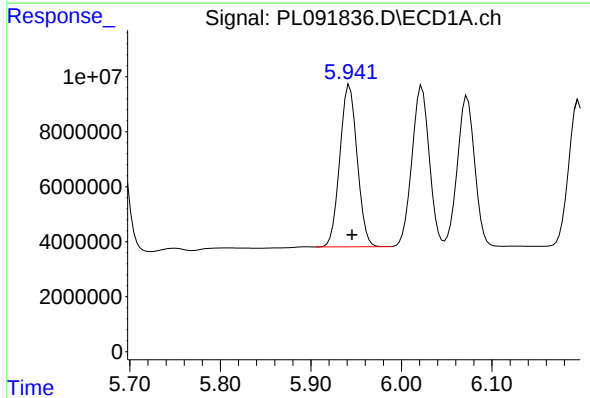
R.T.: 5.261 min  
Delta R.T.: 0.026 min  
Response: 83429077  
Conc: 1085.15 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



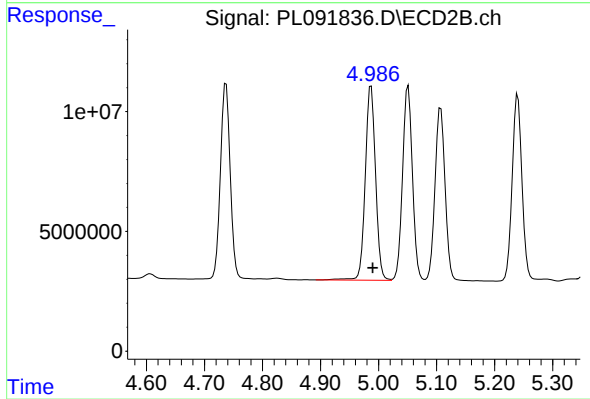
#24 Chlordane-2

R.T.: 4.371 min  
Delta R.T.: 0.012 min  
Response: 3501752  
Conc: 46.72 ng/ml



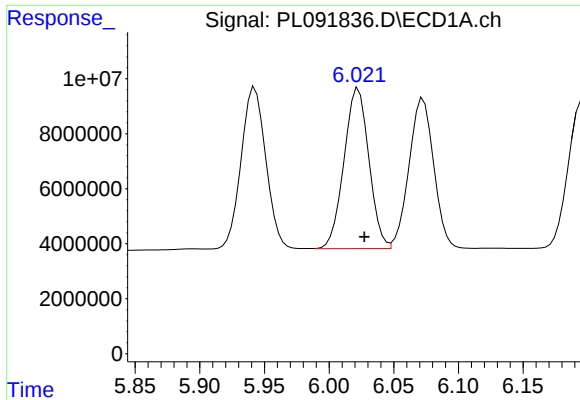
#25 Chlordane-3

R.T.: 5.943 min  
Delta R.T.: -0.003 min  
Response: 78274483  
Conc: 304.69 ng/ml



#25 Chlordane-3

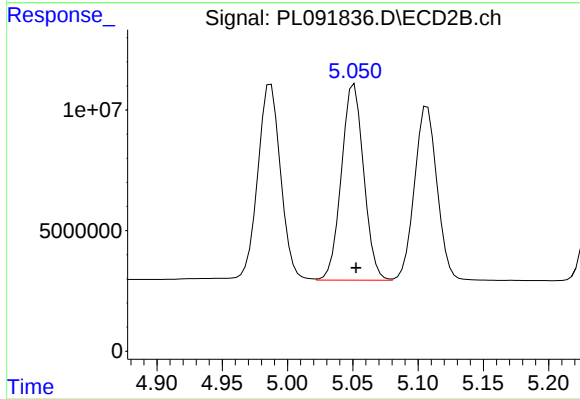
R.T.: 4.987 min  
Delta R.T.: -0.003 min  
Response: 99955281  
Conc: 428.73 ng/ml



#26 Chlordane-4

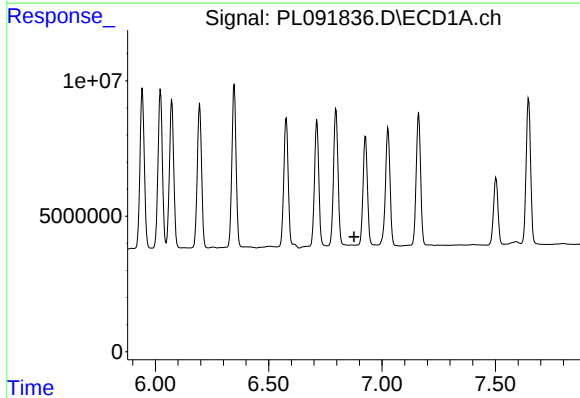
R.T.: 6.023 min  
Delta R.T.: -0.005 min  
Response: 77965825  
Conc: 263.26 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



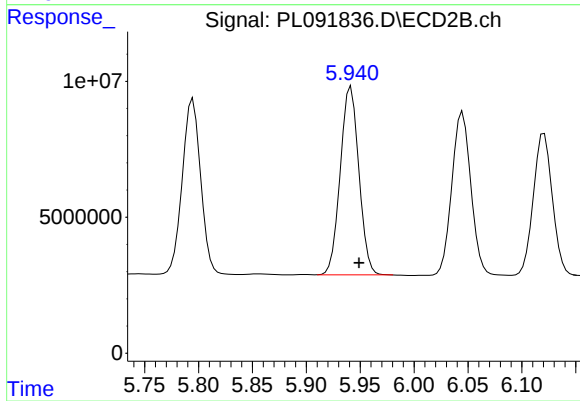
#26 Chlordane-4

R.T.: 5.051 min  
Delta R.T.: -0.001 min  
Response: 96597257  
Conc: 463.22 ng/ml



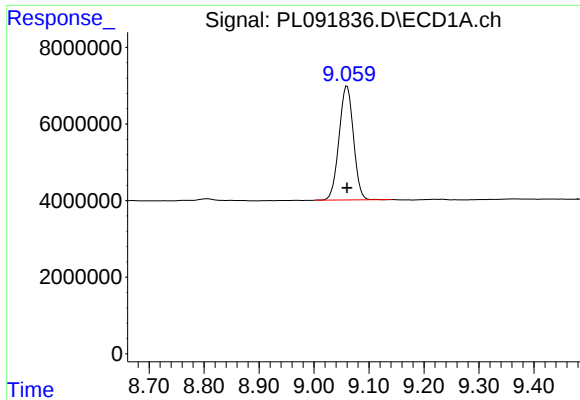
#27 Chlordane-5

R.T.: 0.000 min  
Exp R.T. : 6.876 min  
Response: 0  
Conc: N.D.



#27 Chlordane-5

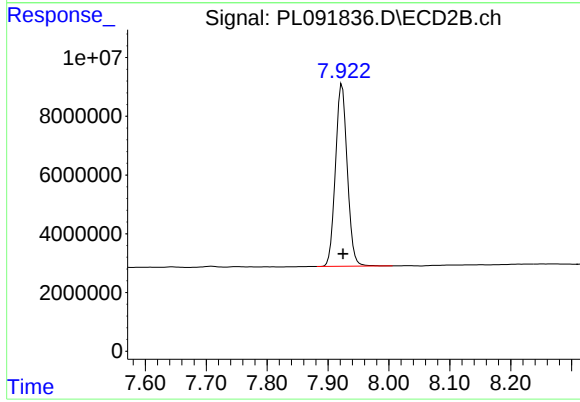
R.T.: 5.941 min  
Delta R.T.: -0.007 min  
Response: 83159594  
Conc: 1160.46 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.060 min  
Delta R.T.: 0.000 min  
Response: 54122620  
Conc: 44.53 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



#28 Decachlorobiphenyl

R.T.: 7.923 min  
Delta R.T.: -0.001 min  
Response: 83707301  
Conc: 45.33 ng/ml