

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL051024\  
 Data File : PL089486.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 11 May 2024 00:40  
 Operator : AR\AJ  
 Sample : P2423-05MS  
 Misc :  
 ALS Vial : 38 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 WC-HHMS

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: May 11 07:14:40 2024  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL042624.M  
 Quant Title : GC Extractables  
 QLast Update : Fri Apr 26 19:27:30 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... | 3.551 | 2.797 | 43300681 | 27368180 | 21.503  | 21.331    |
| 28)                         | SA Decachlor... | 9.067 | 7.948 | 28473848 | 27249865 | 20.353  | 20.257    |
| Target Compounds            |                 |       |       |          |          |         |           |
| 2)                          | A alpha-BHC     | 4.007 | 3.302 | 142.5E6  | 103.4E6  | 49.955  | 54.819    |
| 3)                          | MA gamma-BHC... | 4.339 | 3.633 | 133.6E6  | 97960641 | 48.000  | 53.088    |
| 4)                          | MA Heptachlor   | 4.929 | 3.975 | 121.0E6  | 93664618 | 48.785  | 53.452    |
| 5)                          | MB Aldrin       | 5.271 | 4.256 | 119.8E6  | 91943881 | 46.653  | 52.010    |
| 6)                          | B beta-BHC      | 4.533 | 3.930 | 62010419 | 44025459 | 49.154  | 53.923    |
| 7)                          | B delta-BHC     | 4.781 | 4.161 | 124.8E6  | 94401224 | 47.073  | 52.469    |
| 8)                          | B Heptachlo...  | 5.696 | 4.759 | 110.7E6  | 84931576 | 47.192  | 52.532    |
| 9)                          | A Endosulfan I  | 6.082 | 5.129 | 103.1E6  | 79629262 | 47.953  | 53.168    |
| 10)                         | B gamma-Chl...  | 5.952 | 5.009 | 112.2E6  | 89593479 | 49.087  | 54.599    |
| 11)                         | B alpha-Chl...  | 6.031 | 5.073 | 109.8E6  | 88871357 | 48.274  | 53.888    |
| 12)                         | B 4,4'-DDE      | 6.203 | 5.262 | 97653815 | 79484370 | 48.263  | 54.667    |
| 13)                         | MA Dieldrin     | 6.357 | 5.394 | 107.6E6  | 86255450 | 48.060  | 53.618    |
| 14)                         | MA Endrin       | 6.586 | 5.670 | 90359852 | 77173371 | 47.700  | 53.679    |
| 15)                         | B Endosulfa...  | 6.804 | 5.963 | 94144801 | 76868315 | 47.171  | 53.443    |
| 16)                         | A 4,4'-DDD      | 6.719 | 5.817 | 84649912 | 68661258 | 50.178  | 55.675    |
| 17)                         | MA 4,4'-DDT     | 7.034 | 6.068 | 85707901 | 66553951 | 46.606  | 49.190    |
| 18)                         | B Endrin al...  | 6.934 | 6.143 | 71193149 | 55890786 | 47.076  | 50.247    |
| 19)                         | B Endosulfa...  | 7.168 | 6.365 | 91048475 | 71656161 | 50.335  | 51.656    |
| 20)                         | A Methoxychlor  | 7.508 | 6.643 | 44297114 | 38390118 | 45.045  | 48.013    |
| 21)                         | B Endrin ke...  | 7.653 | 6.872 | 97241482 | 84281407 | 48.581  | 52.709    |
| 22)                         | Mirex           | 8.128 | 7.055 | 75953175 | 69775786 | 48.873  | 51.147    |
| 24)                         | Chlordane-2     | 0.000 | 4.391 | 0        | 494638   | N.D.    | 7.775 #   |
| 25)                         | Chlordane-3     | 5.952 | 5.009 | 112.2E6  | 89593479 | 339.763 | 523.263 # |
| 26)                         | Chlordane-4     | 6.031 | 5.073 | 109.8E6  | 88871357 | 269.390 | 552.529 # |
| 27)                         | Chlordane-5     | 6.871 | 5.747 | 245703   | 276006   | 2.952   | 5.393 #   |
| -----                       |                 |       |       |          |          |         |           |

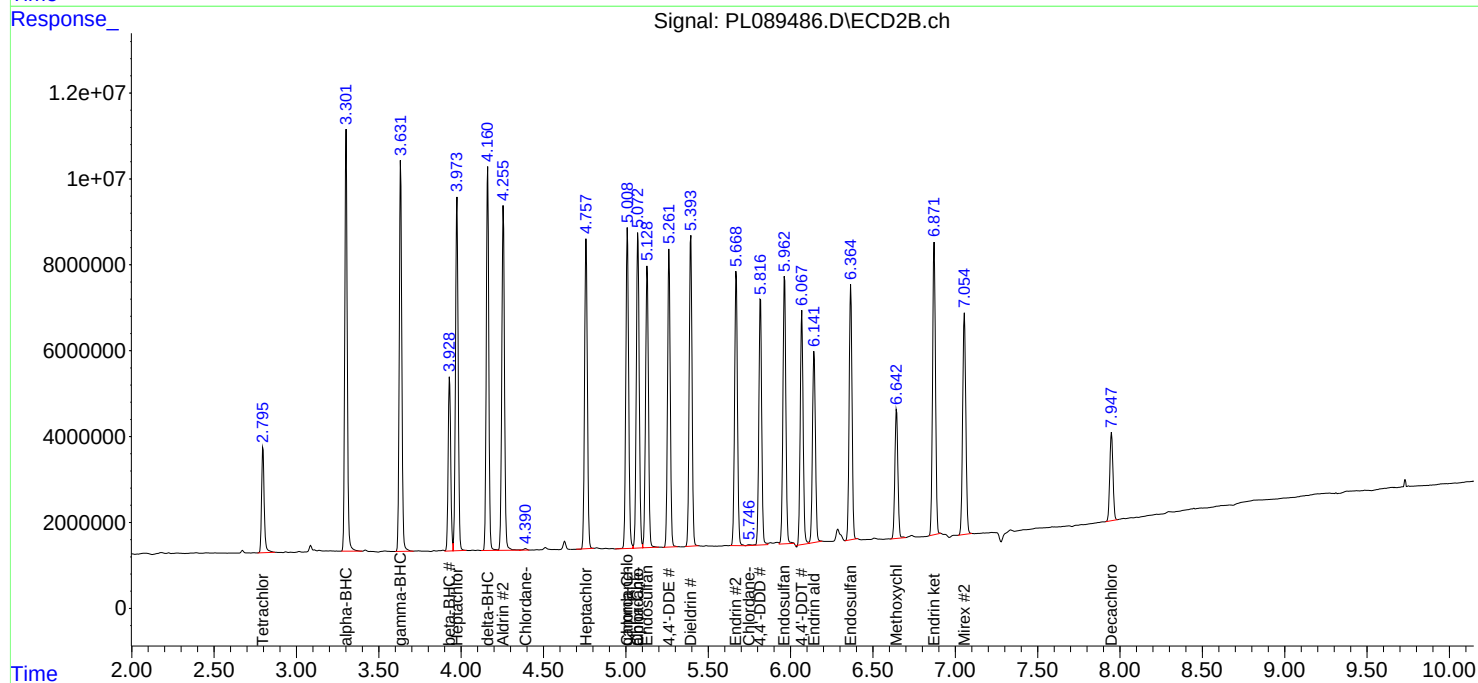
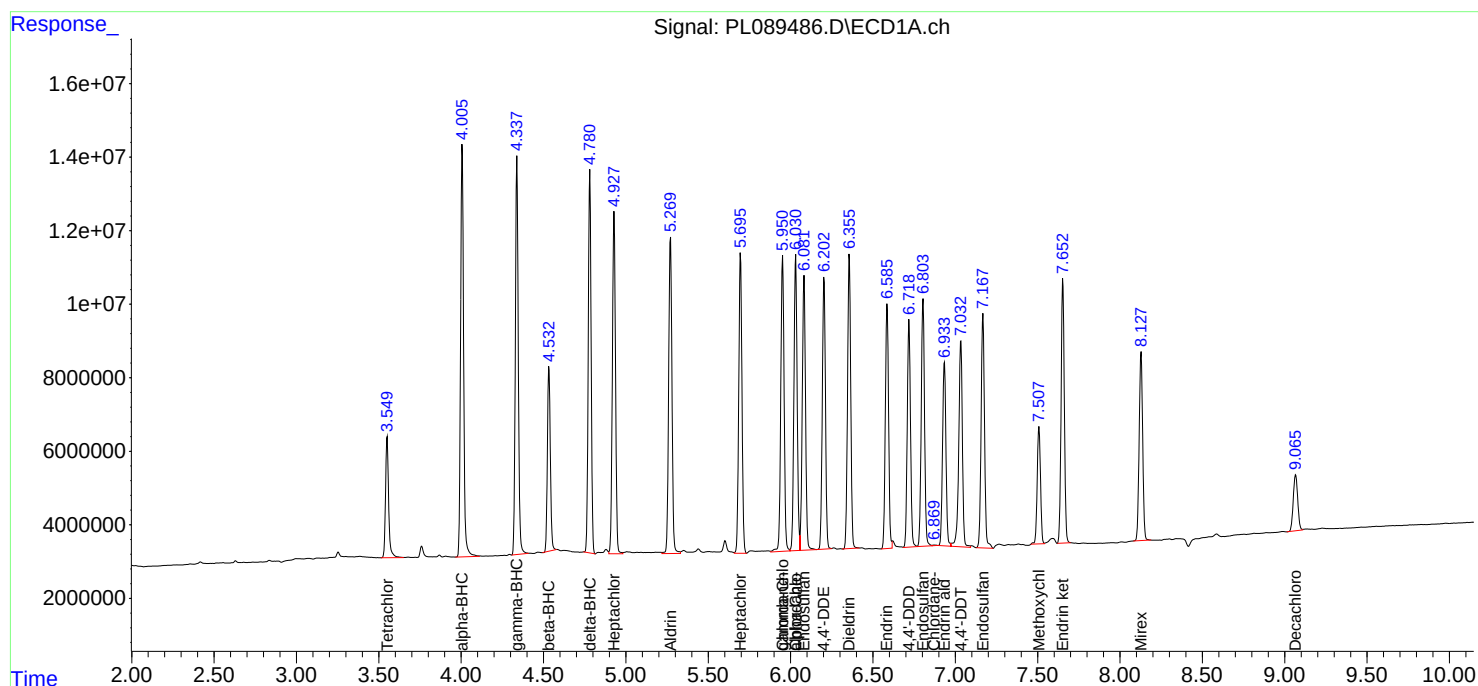
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

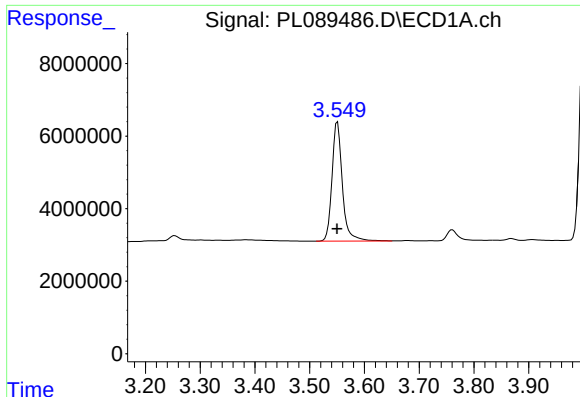
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL051024\  
Data File : PL089486.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 11 May 2024 00:40  
Operator : AR\AJ  
Sample : P2423-05MS  
Misc :  
ALS Vial : 38 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :  
WC-HHMS

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: May 11 07:14:40 2024  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL042624.M  
Quant Title : GC Extractables  
QLast Update : Fri Apr 26 19:27:30 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

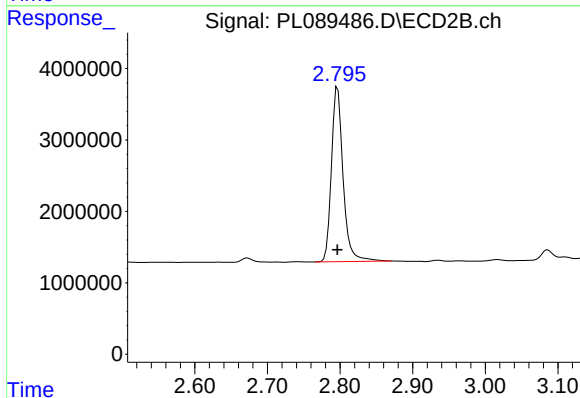




#1 Tetrachloro-m-xylene

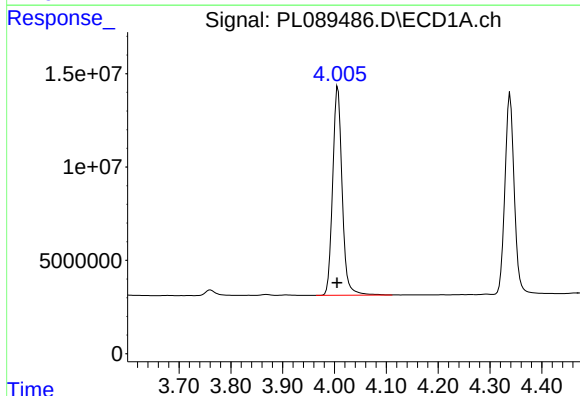
R.T.: 3.551 min  
Delta R.T.: 0.000 min  
Response: 43300681  
Conc: 21.50 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
WC-HHMS



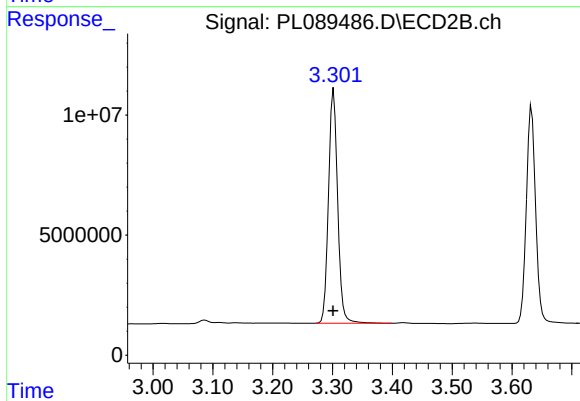
#1 Tetrachloro-m-xylene

R.T.: 2.797 min  
Delta R.T.: 0.000 min  
Response: 27368180  
Conc: 21.33 ng/ml



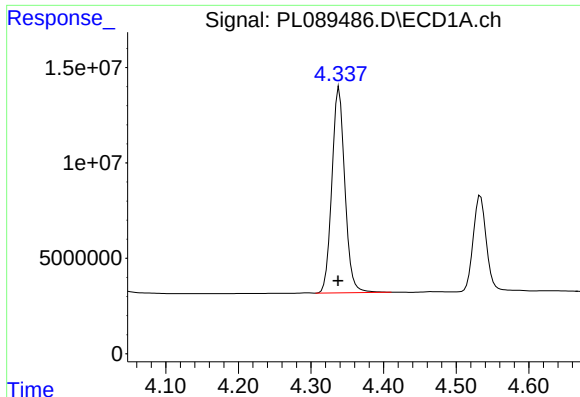
#2 alpha-BHC

R.T.: 4.007 min  
Delta R.T.: 0.002 min  
Response: 142461300  
Conc: 49.96 ng/ml



#2 alpha-BHC

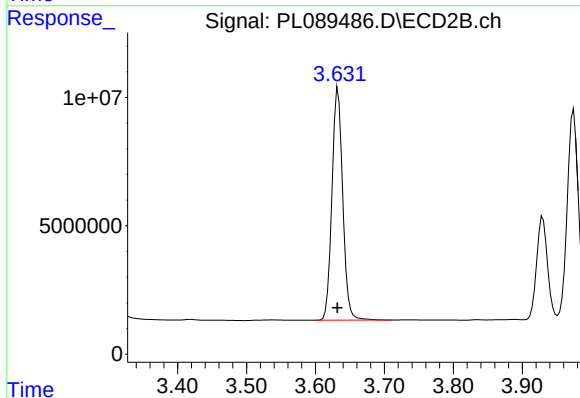
R.T.: 3.302 min  
Delta R.T.: 0.000 min  
Response: 103436752  
Conc: 54.82 ng/ml



#3 gamma-BHC (Lindane)

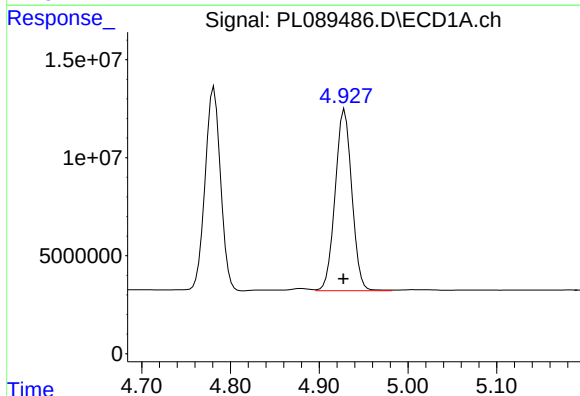
R.T.: 4.339 min  
Delta R.T.: 0.001 min  
Response: 133628333  
Conc: 48.00 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
WC-HHMS



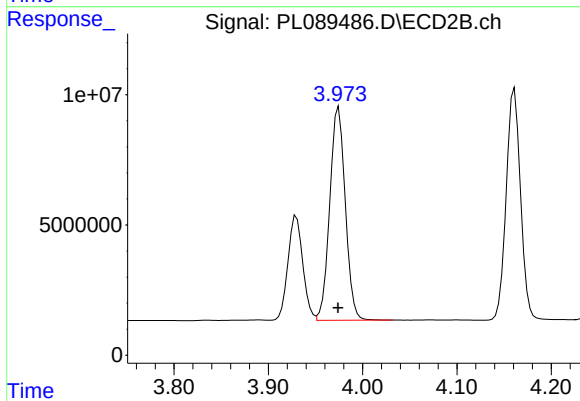
#3 gamma-BHC (Lindane)

R.T.: 3.633 min  
Delta R.T.: 0.000 min  
Response: 97960641  
Conc: 53.09 ng/ml



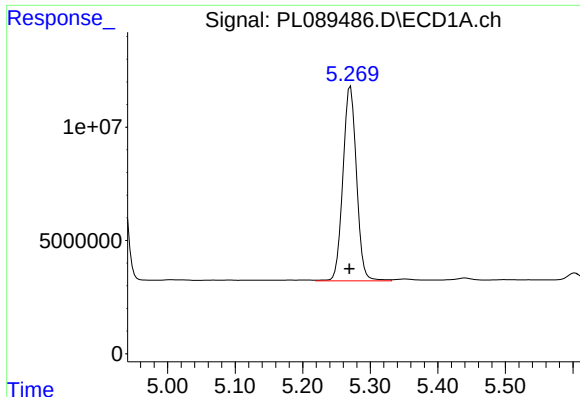
#4 Heptachlor

R.T.: 4.929 min  
Delta R.T.: 0.001 min  
Response: 120990752  
Conc: 48.78 ng/ml



#4 Heptachlor

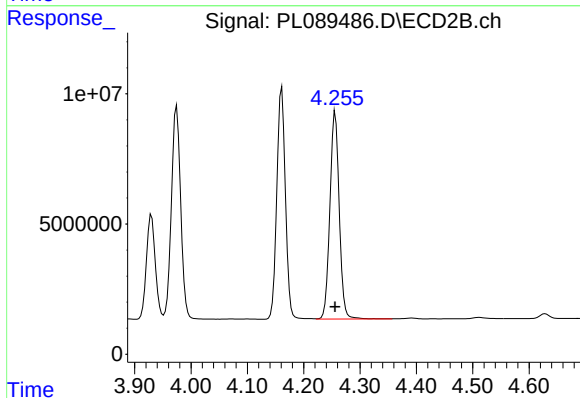
R.T.: 3.975 min  
Delta R.T.: 0.000 min  
Response: 93664618  
Conc: 53.45 ng/ml



#5 Aldrin

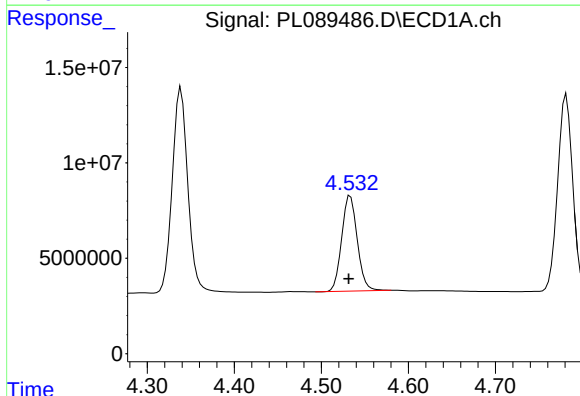
R.T.: 5.271 min  
Delta R.T.: 0.002 min  
Response: 119816889  
Conc: 46.65 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
WC-HHMS



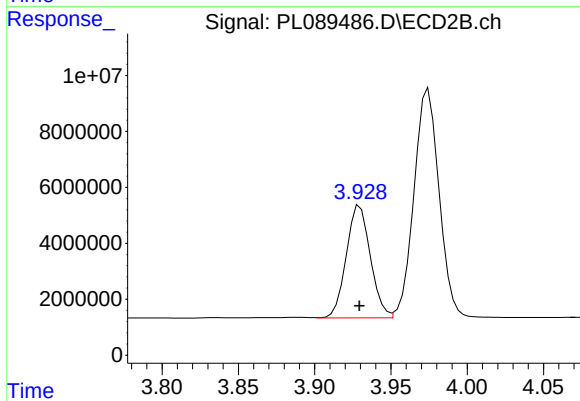
#5 Aldrin

R.T.: 4.256 min  
Delta R.T.: 0.000 min  
Response: 91943881  
Conc: 52.01 ng/ml



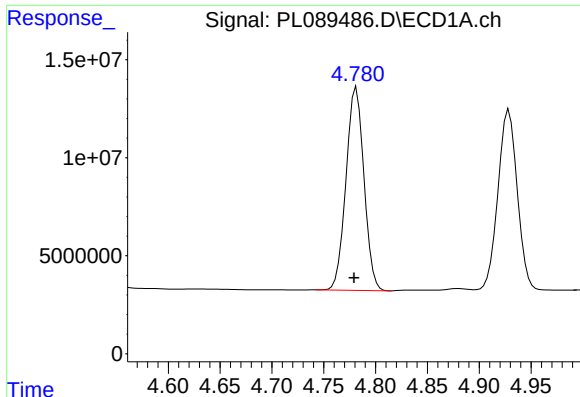
#6 beta-BHC

R.T.: 4.533 min  
Delta R.T.: 0.002 min  
Response: 62010419  
Conc: 49.15 ng/ml



#6 beta-BHC

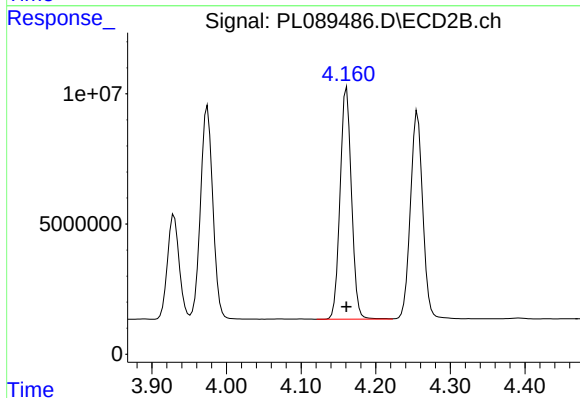
R.T.: 3.930 min  
Delta R.T.: 0.000 min  
Response: 44025459  
Conc: 53.92 ng/ml



#7 delta-BHC

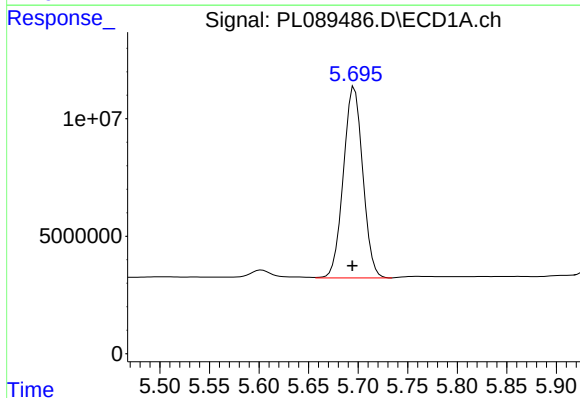
R.T.: 4.781 min  
Delta R.T.: 0.002 min  
Response: 124840016  
Conc: 47.07 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
WC-HHMS



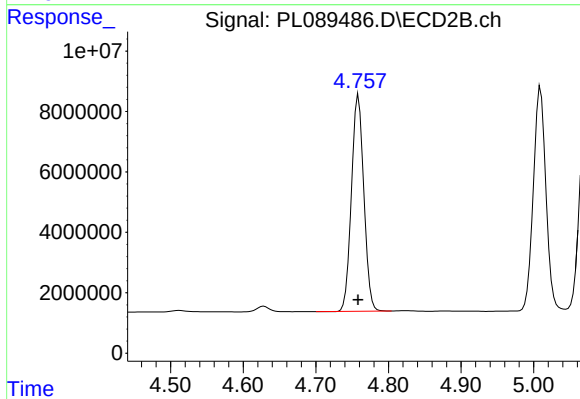
#7 delta-BHC

R.T.: 4.161 min  
Delta R.T.: 0.000 min  
Response: 94401224  
Conc: 52.47 ng/ml



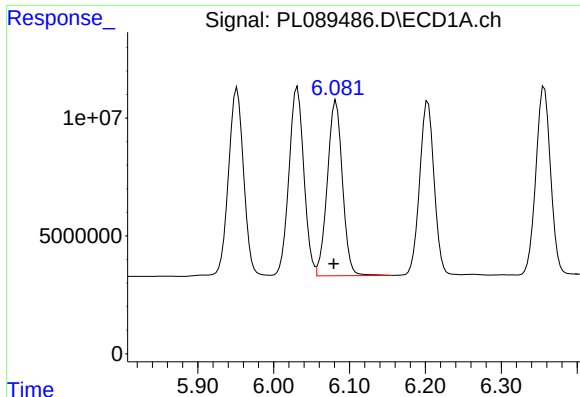
#8 Heptachlor epoxide

R.T.: 5.696 min  
Delta R.T.: 0.002 min  
Response: 110687933  
Conc: 47.19 ng/ml



#8 Heptachlor epoxide

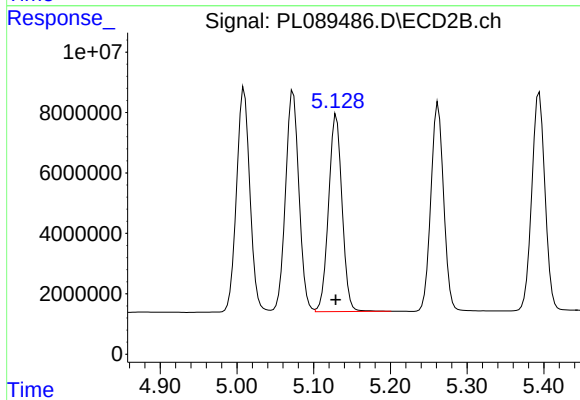
R.T.: 4.759 min  
Delta R.T.: 0.000 min  
Response: 84931576  
Conc: 52.53 ng/ml



#9 Endosulfan I

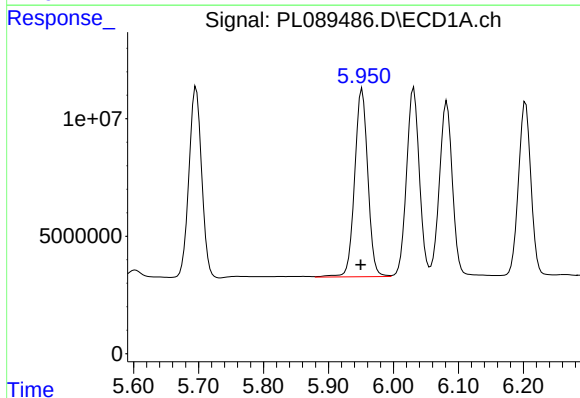
R.T.: 6.082 min  
Delta R.T.: 0.003 min  
Response: 103089320  
Conc: 47.95 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
WC-HHMS



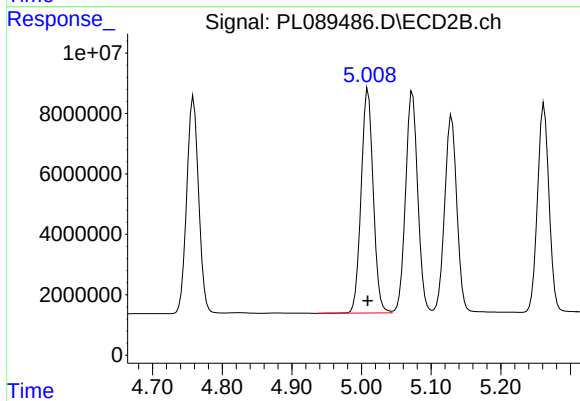
#9 Endosulfan I

R.T.: 5.129 min  
Delta R.T.: 0.000 min  
Response: 79629262  
Conc: 53.17 ng/ml



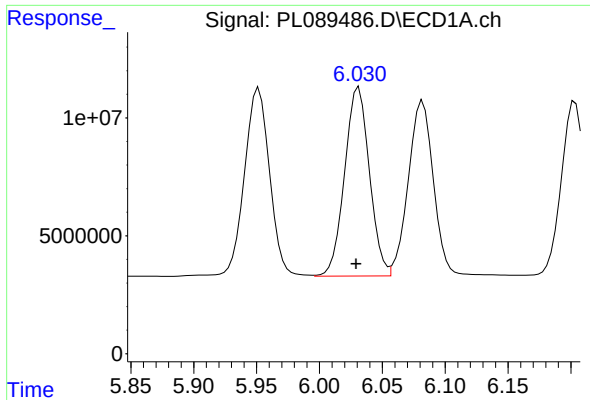
#10 gamma-Chlordane

R.T.: 5.952 min  
Delta R.T.: 0.003 min  
Response: 112209414  
Conc: 49.09 ng/ml



#10 gamma-Chlordane

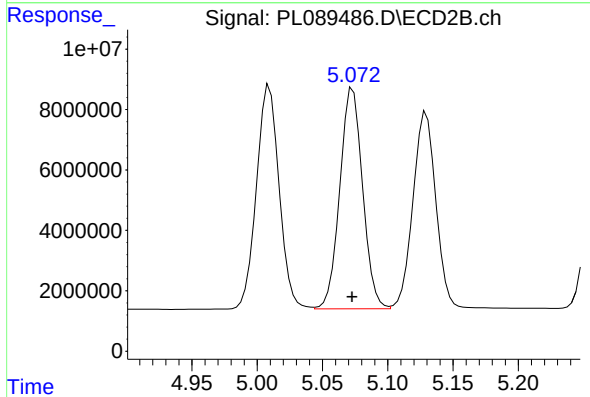
R.T.: 5.009 min  
Delta R.T.: 0.000 min  
Response: 89593479  
Conc: 54.60 ng/ml



#11 alpha-Chlordane

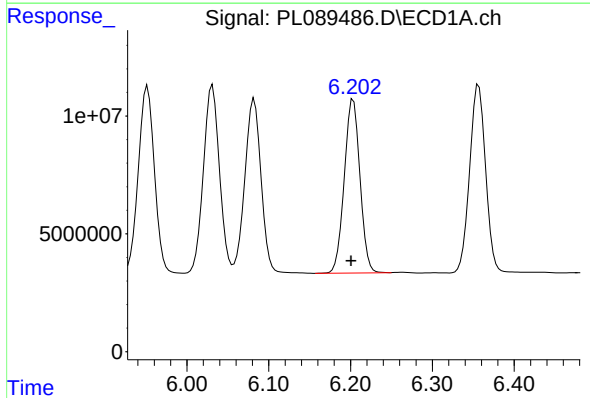
R.T.: 6.031 min  
Delta R.T.: 0.002 min  
Response: 109809803  
Conc: 48.27 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
WC-HHMS



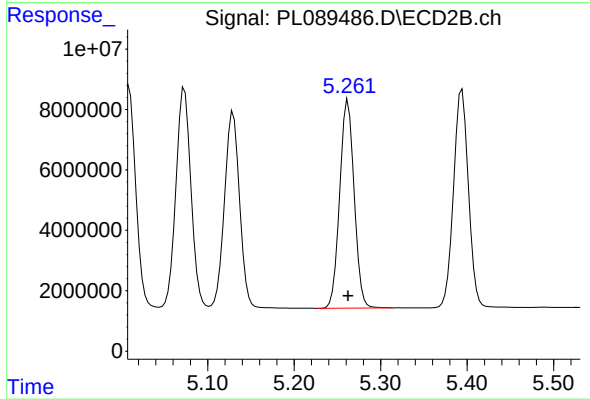
#11 alpha-Chlordane

R.T.: 5.073 min  
Delta R.T.: 0.000 min  
Response: 88871357  
Conc: 53.89 ng/ml



#12 4,4'-DDE

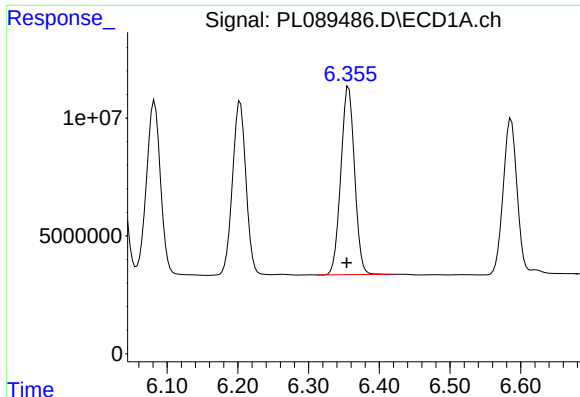
R.T.: 6.203 min  
Delta R.T.: 0.003 min  
Response: 97653815  
Conc: 48.26 ng/ml



#12 4,4'-DDE

R.T.: 5.262 min  
Delta R.T.: 0.000 min  
Response: 79484370  
Conc: 54.67 ng/ml

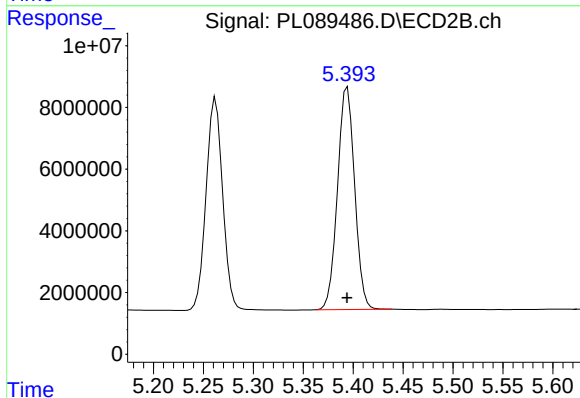




#13 Dieldrin

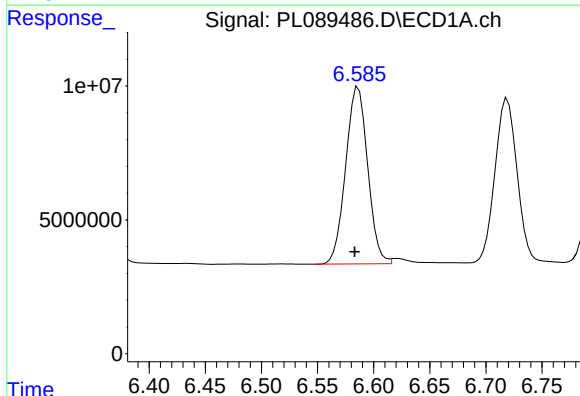
R.T.: 6.357 min  
Delta R.T.: 0.003 min  
Response: 107579488  
Conc: 48.06 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
WC-HHMS



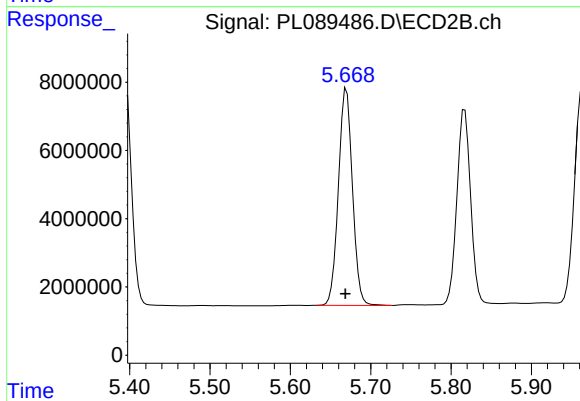
#13 Dieldrin

R.T.: 5.394 min  
Delta R.T.: 0.000 min  
Response: 86255450  
Conc: 53.62 ng/ml



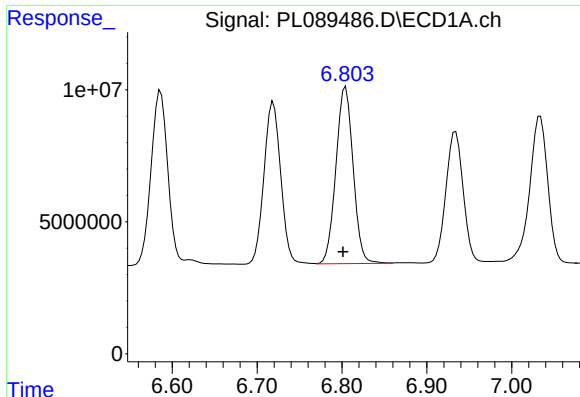
#14 Endrin

R.T.: 6.586 min  
Delta R.T.: 0.003 min  
Response: 90359852  
Conc: 47.70 ng/ml



#14 Endrin

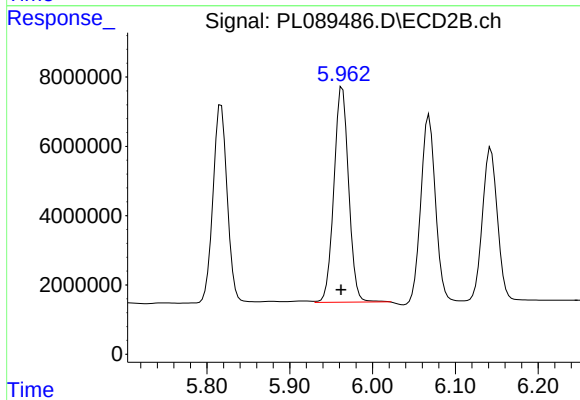
R.T.: 5.670 min  
Delta R.T.: 0.001 min  
Response: 77173371  
Conc: 53.68 ng/ml



#15 Endosulfan II

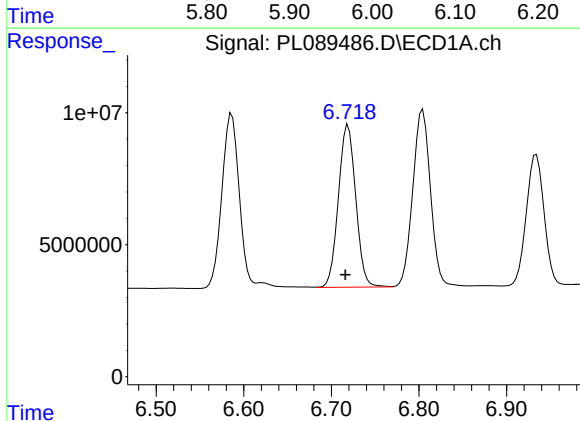
R.T.: 6.804 min  
Delta R.T.: 0.003 min  
Response: 94144801  
Conc: 47.17 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
WC-HHMS



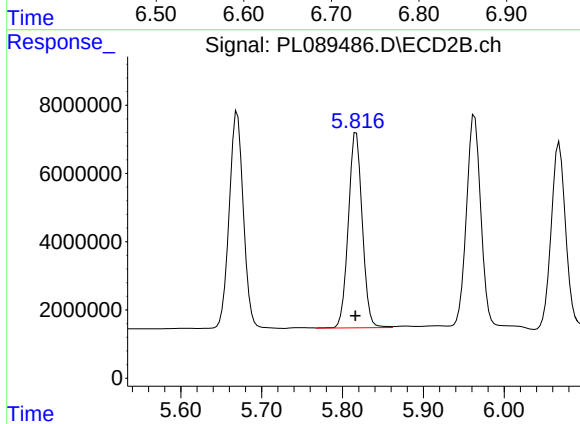
#15 Endosulfan II

R.T.: 5.963 min  
Delta R.T.: 0.001 min  
Response: 76868315  
Conc: 53.44 ng/ml



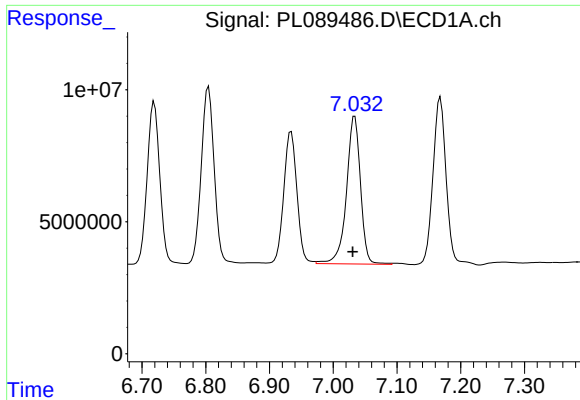
#16 4,4'-DDD

R.T.: 6.719 min  
Delta R.T.: 0.003 min  
Response: 84649912  
Conc: 50.18 ng/ml



#16 4,4'-DDD

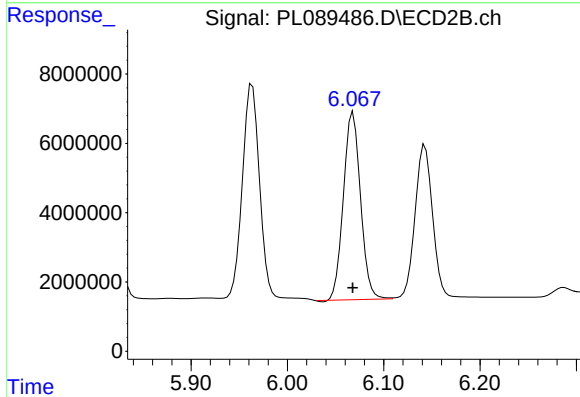
R.T.: 5.817 min  
Delta R.T.: 0.001 min  
Response: 68661258  
Conc: 55.68 ng/ml



#17 4,4'-DDT

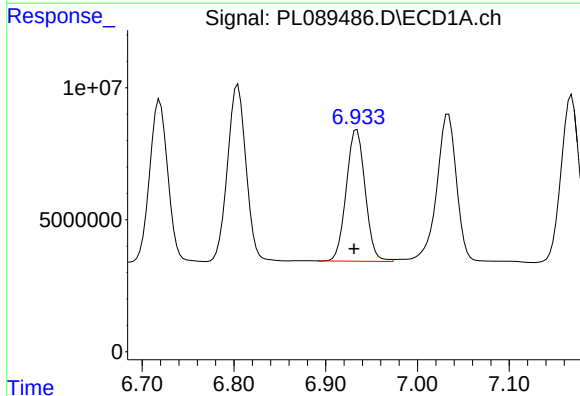
R.T.: 7.034 min  
Delta R.T.: 0.003 min  
Response: 85707901  
Conc: 46.61 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
WC-HHMS



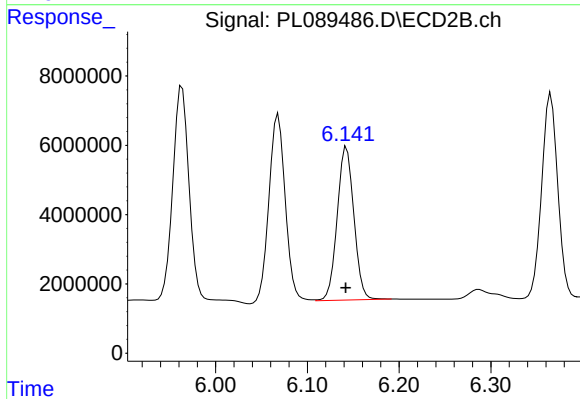
#17 4,4'-DDT

R.T.: 6.068 min  
Delta R.T.: 0.000 min  
Response: 66553951  
Conc: 49.19 ng/ml



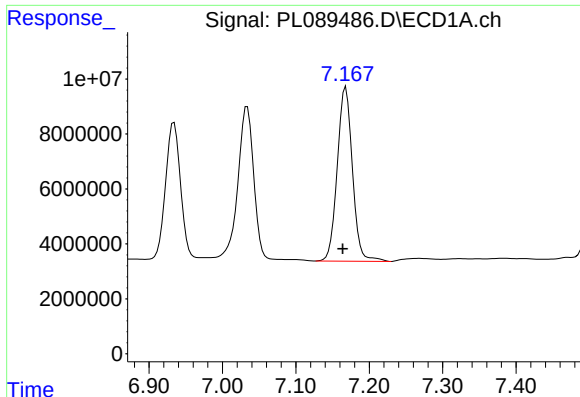
#18 Endrin aldehyde

R.T.: 6.934 min  
Delta R.T.: 0.003 min  
Response: 71193149  
Conc: 47.08 ng/ml



#18 Endrin aldehyde

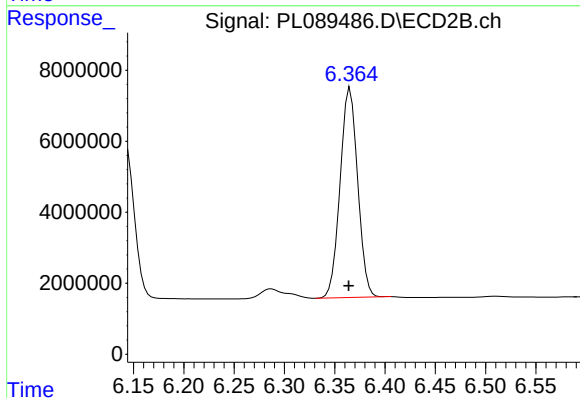
R.T.: 6.143 min  
Delta R.T.: 0.001 min  
Response: 55890786  
Conc: 50.25 ng/ml



#19 Endosulfan Sulfate

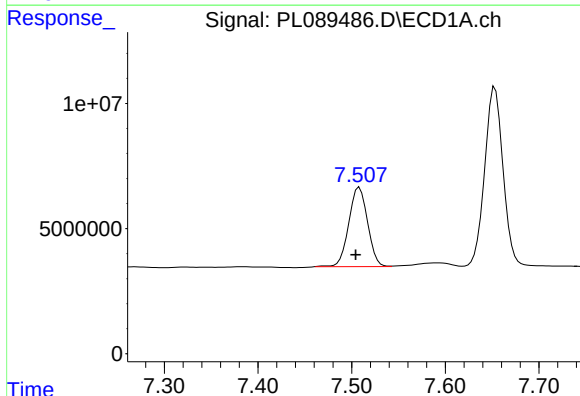
R.T.: 7.168 min  
Delta R.T.: 0.004 min  
Response: 91048475  
Conc: 50.33 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
WC-HHMS



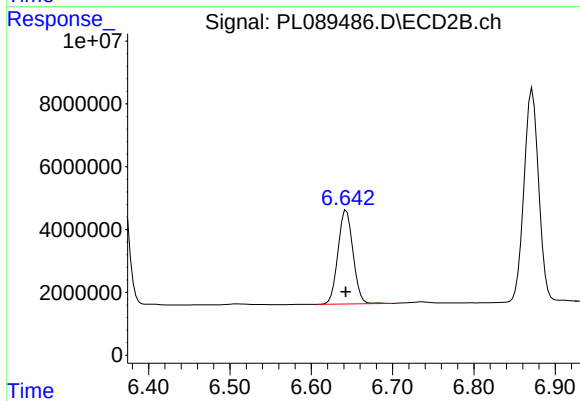
#19 Endosulfan Sulfate

R.T.: 6.365 min  
Delta R.T.: 0.002 min  
Response: 71656161  
Conc: 51.66 ng/ml



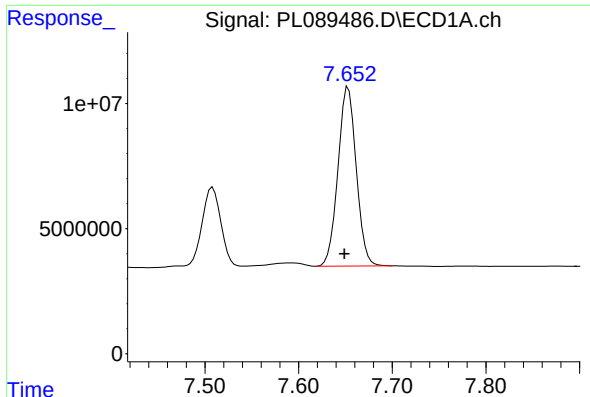
#20 Methoxychlor

R.T.: 7.508 min  
Delta R.T.: 0.004 min  
Response: 44297114  
Conc: 45.04 ng/ml



#20 Methoxychlor

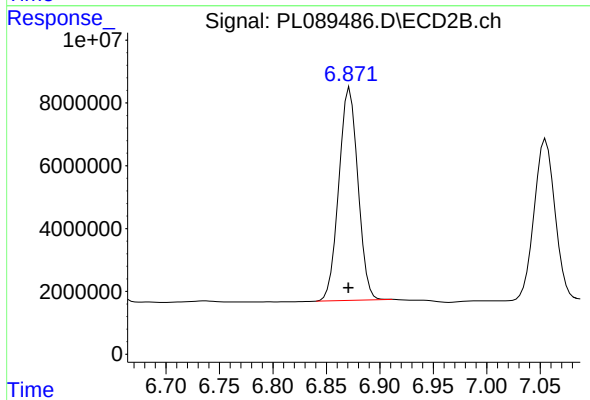
R.T.: 6.643 min  
Delta R.T.: 0.000 min  
Response: 38390118  
Conc: 48.01 ng/ml



#21 Endrin ketone

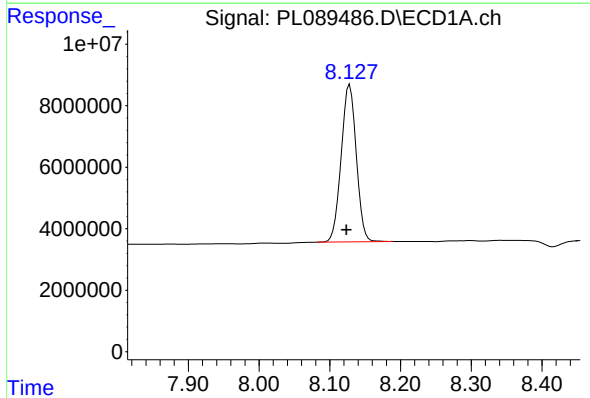
R.T.: 7.653 min  
Delta R.T.: 0.004 min  
Response: 97241482  
Conc: 48.58 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
WC-HHMS



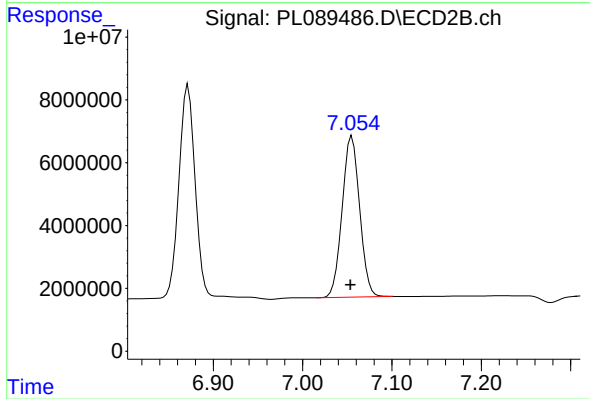
#21 Endrin ketone

R.T.: 6.872 min  
Delta R.T.: 0.001 min  
Response: 84281407  
Conc: 52.71 ng/ml



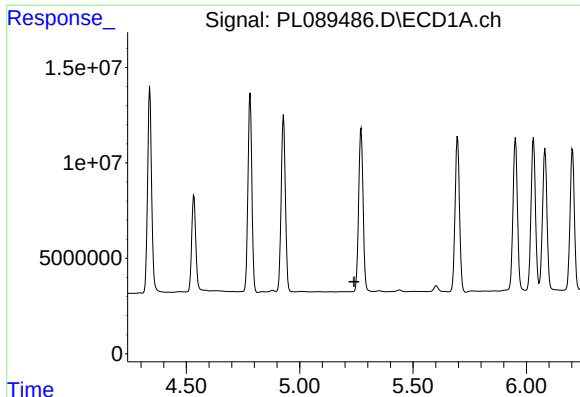
#22 Mirex

R.T.: 8.128 min  
Delta R.T.: 0.005 min  
Response: 75953175  
Conc: 48.87 ng/ml



#22 Mirex

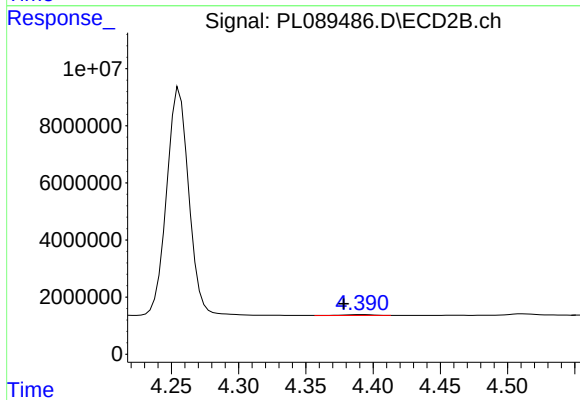
R.T.: 7.055 min  
Delta R.T.: 0.002 min  
Response: 69775786  
Conc: 51.15 ng/ml



#24 Chlordane-2

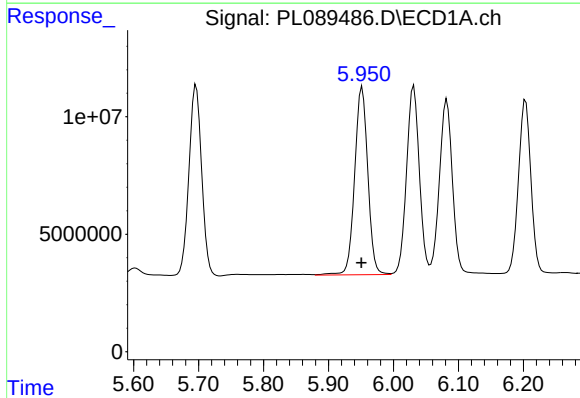
R.T.: 0.000 min  
Exp R.T.: 5.240 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :  
WC-HHMS



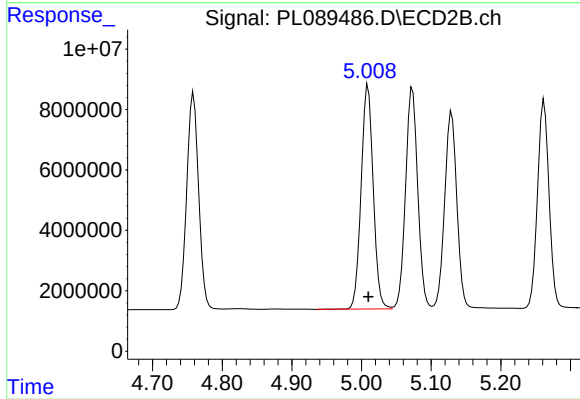
#24 Chlordane-2

R.T.: 4.391 min  
Delta R.T.: 0.013 min  
Response: 494638  
Conc: 7.78 ng/ml



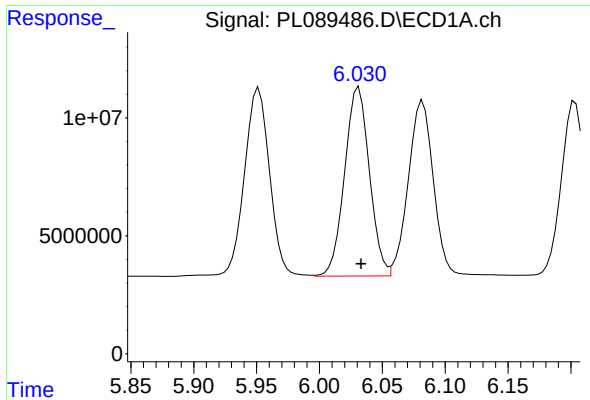
#25 Chlordane-3

R.T.: 5.952 min  
Delta R.T.: 0.001 min  
Response: 112209414  
Conc: 339.76 ng/ml



#25 Chlordane-3

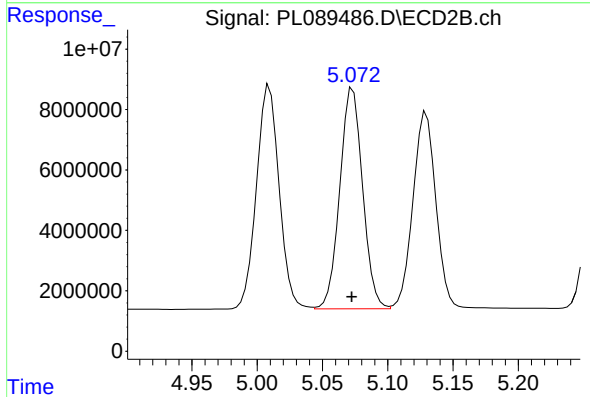
R.T.: 5.009 min  
Delta R.T.: 0.000 min  
Response: 89593479  
Conc: 523.26 ng/ml



#26 Chlordane-4

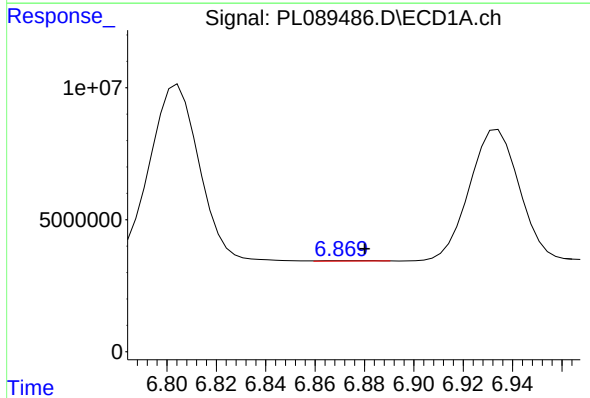
R.T.: 6.031 min  
Delta R.T.: -0.002 min  
Response: 109809803  
Conc: 269.39 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
WC-HHMS



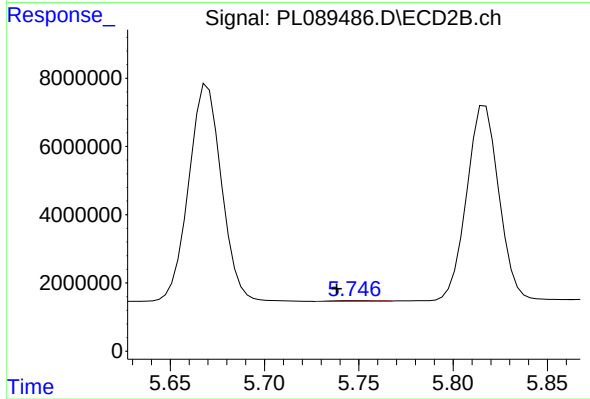
#26 Chlordane-4

R.T.: 5.073 min  
Delta R.T.: 0.000 min  
Response: 88871357  
Conc: 552.53 ng/ml



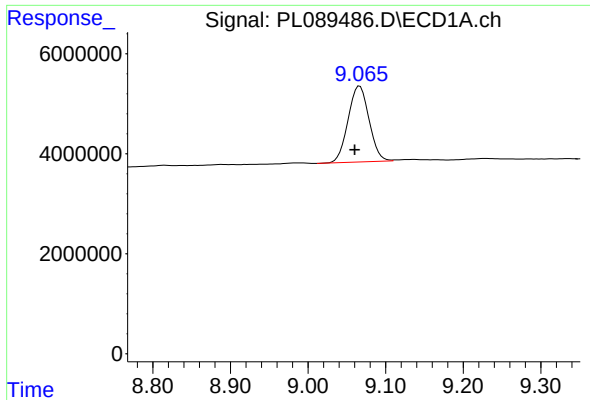
#27 Chlordane-5

R.T.: 6.871 min  
Delta R.T.: -0.009 min  
Response: 245703  
Conc: 2.95 ng/ml



#27 Chlordane-5

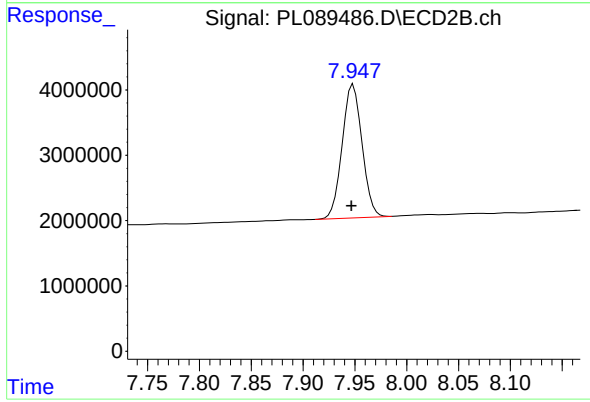
R.T.: 5.747 min  
Delta R.T.: 0.009 min  
Response: 276006  
Conc: 5.39 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.067 min  
Delta R.T.: 0.006 min  
Response: 28473848  
Conc: 20.35 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
WC-HHMS



#28 Decachlorobiphenyl

R.T.: 7.948 min  
Delta R.T.: 0.002 min  
Response: 27249865  
Conc: 20.26 ng/ml