

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL111824\  
 Data File : PL093123.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 18 Nov 2024 15:56  
 Operator : AR\AJ  
 Sample : P4889-01  
 Misc :  
 ALS Vial : 24 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 VNJ-228

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Nov 19 01:31:08 2024  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL102824.M  
 Quant Title : GC Extractables  
 QLast Update : Mon Oct 28 18:58:23 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... | 3.539  | 2.778  | 84361808 | 57863984 | 34.430   | 21.264 #    |
| 28)                         | SA Decachlor... | 9.052  | 7.916  | 41823695 | 60453136 | 21.732   | 22.150      |
| Target Compounds            |                 |        |        |          |          |          |             |
| 3)                          | MA gamma-BHC... | 0.000  | 3.612  | 0        | 10495520 | N.D.     | 2.719 #     |
| 4)                          | MA Heptachlor   | 0.000  | 3.948  | 0        | 17475945 | N.D.     | 4.631 #     |
| 5)                          | MB Aldrin       | 0.000  | 4.256f | 0        | 13950809 | N.D.     | 3.811 #     |
| 6)                          | B beta-BHC      | 4.542f | 3.916  | -3816977 | 47756366 | N.D.     | 29.009      |
| 7)                          | B delta-BHC     | 4.768  | 4.130  | 157.0E6  | 5066660  | 50.158   | 1.318 #     |
| 8)                          | B Heptachlo...  | 5.685  | 4.731  | 423.4E6  | 148.2E6  | 153.319  | 44.367 #    |
| 9)                          | A Endosulfan I  | 0.000  | 5.085f | 0        | 77277080 | N.D.     | 25.311 #    |
| 10)                         | B gamma-Chl...  | 5.941  | 4.981  | 1612.1E6 | 2151.2E6 | 605.911  | 639.905     |
| 11)                         | B alpha-Chl...  | 6.022  | 5.044  | 2330.8E6 | 2580.4E6 | 880.179  | 775.824     |
| 12)                         | B 4,4'-DDE      | 6.180  | 5.233  | 84007969 | 20331625 | 35.459   | 6.311 #     |
| 13)                         | MA Dieldrin     | 6.346  | 5.365  | 625.4E6  | 944.7E6  | 237.308  | 282.812     |
| 14)                         | MA Endrin       | 0.000  | 5.642  | 0        | 15542324 | N.D.     | 5.372 #     |
| 15)                         | B Endosulfa...  | 6.804  | 5.940  | 30033403 | 805.0E6  | 12.599   | 284.121 #   |
| 17)                         | MA 4,4'-DDT     | 7.023  | 6.038  | 49158887 | 50506384 | 23.751   | 18.830      |
| 18)                         | B Endrin al...  | 6.926  | 6.137f | 36236577 | 34425085 | 19.296   | 14.920      |
| 19)                         | B Endosulfa...  | 7.167  | 6.324  | 22342600 | 1484660  | 10.295   | 0.551 #     |
| 20)                         | A Methoxychlor  | 7.501  | 0.000  | 12885361 | 0        | 11.303   | N.D. #      |
| 21)                         | B Endrin ke...  | 7.669f | 6.823f | 4428125  | 4588597  | 1.828    | 1.495       |
| 23)                         | Chlordane-1     | 4.701  | 3.774  | 51648725 | 68459568 | 469.577  | 644.907 #   |
| 24)                         | Chlordane-2     | 5.228  | 4.355  | 940.7E6  | 1271.2E6 | 8207.895 | 10263.530 # |
| 25)                         | Chlordane-3     | 5.941  | 4.981  | 1612.1E6 | 2151.2E6 | 4130.276 | 5931.250 #  |
| 26)                         | Chlordane-4     | 6.022  | 5.044  | 2330.8E6 | 2580.4E6 | 4876.175 | 7376.526 #  |
| 27)                         | Chlordane-5     | 6.873  | 5.940  | 517.8E6  | 805.0E6  | 5469.993 | 6348.128    |
| -----                       |                 |        |        |          |          |          |             |

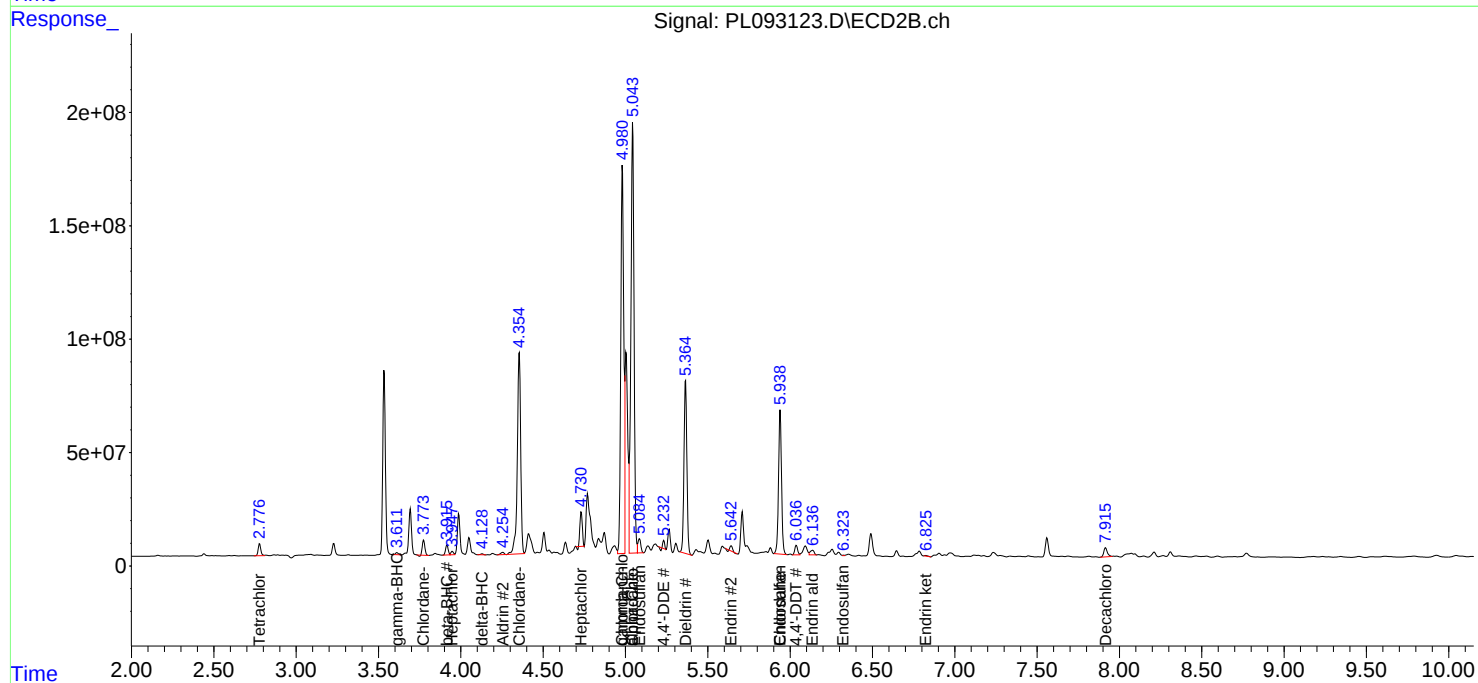
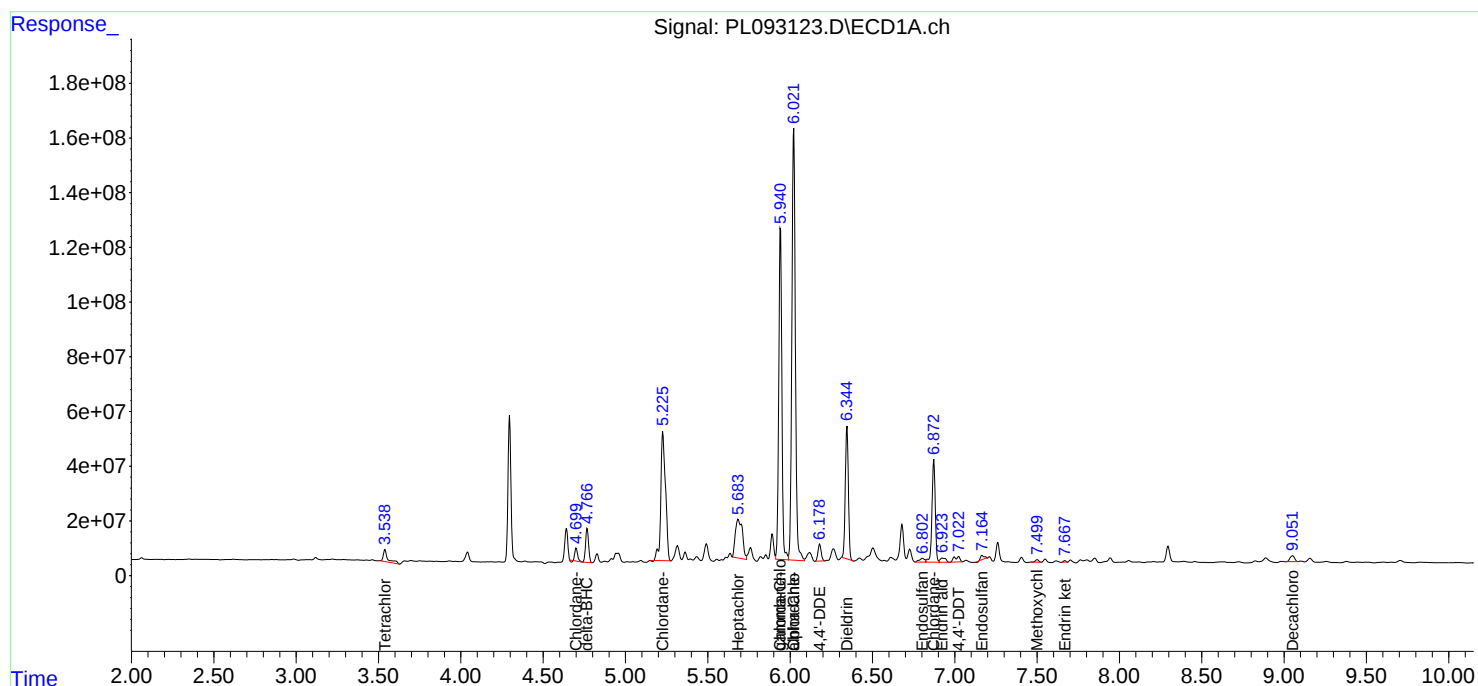
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

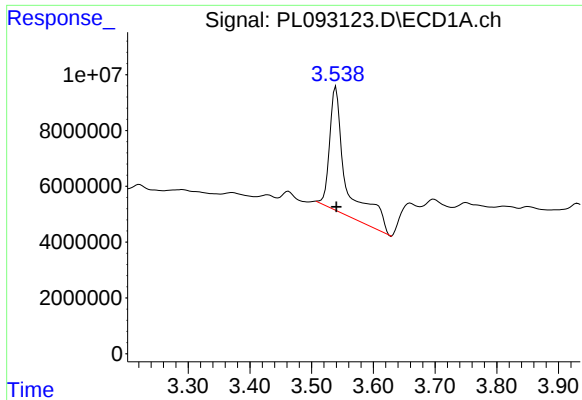
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL111824\  
Data File : PL093123.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 18 Nov 2024 15:56  
Operator : AR\AJ  
Sample : P4889-01  
Misc :  
ALS Vial : 24 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :  
VNJ-228

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Nov 19 01:31:08 2024  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL102824.M  
Quant Title : GC Extractables  
QLast Update : Mon Oct 28 18:58:23 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

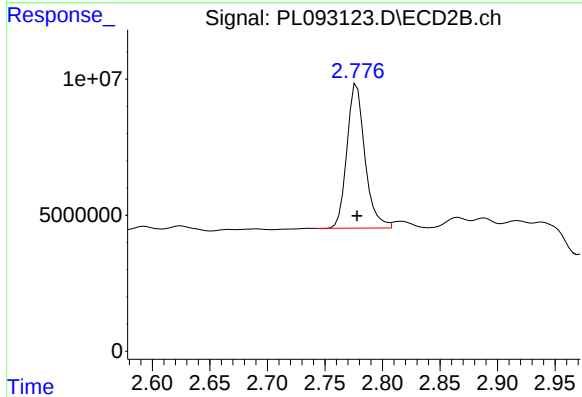




#1 Tetrachloro-m-xylene

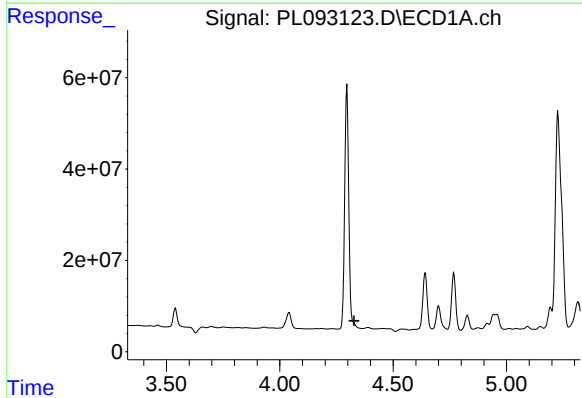
R.T.: 3.539 min  
Delta R.T.: 0.000 min  
Response: 84361808  
Conc: 34.43 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
VNJ-228



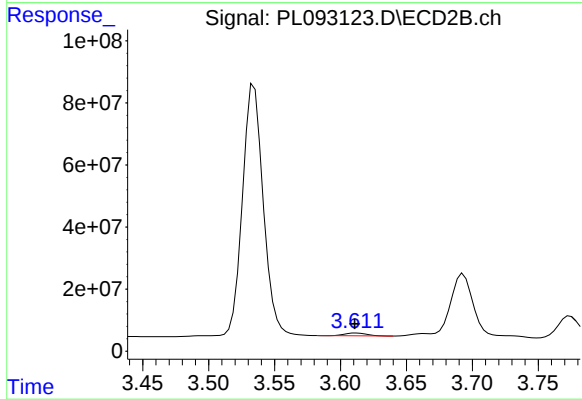
#1 Tetrachloro-m-xylene

R.T.: 2.778 min  
Delta R.T.: 0.000 min  
Response: 57863984  
Conc: 21.26 ng/ml



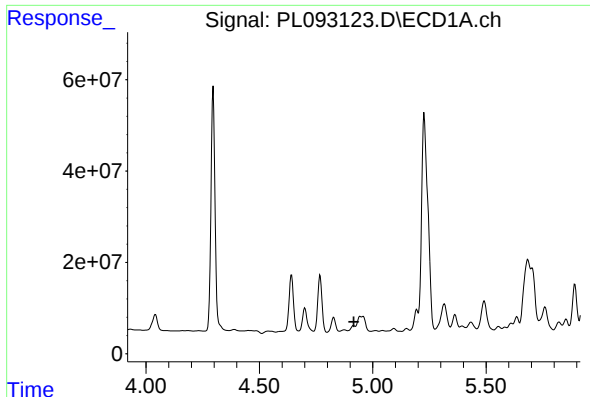
#3 gamma-BHC (Lindane)

R.T.: 0.000 min  
Exp R.T. : 4.328 min  
Response: 0  
Conc: N.D.



#3 gamma-BHC (Lindane)

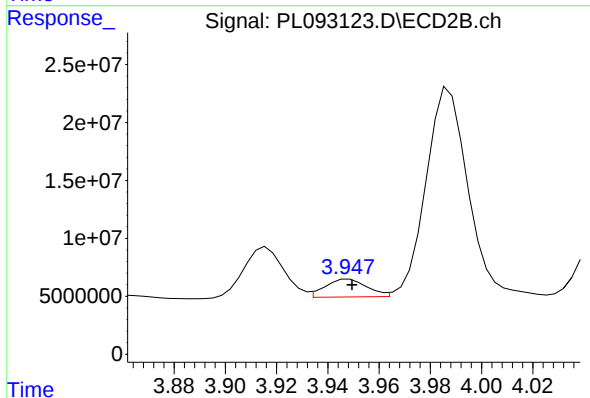
R.T.: 3.612 min  
Delta R.T.: 0.001 min  
Response: 10495520  
Conc: 2.72 ng/ml



#4 Heptachlor

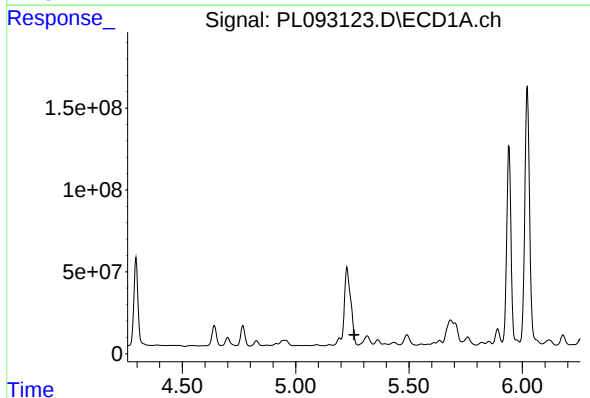
R.T.: 0.000 min  
Exp R.T.: 4.917 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :  
VNJ-228



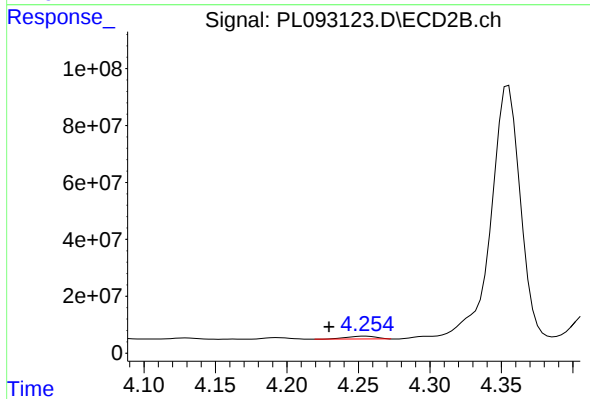
#4 Heptachlor

R.T.: 3.948 min  
Delta R.T.: -0.001 min  
Response: 17475945  
Conc: 4.63 ng/ml



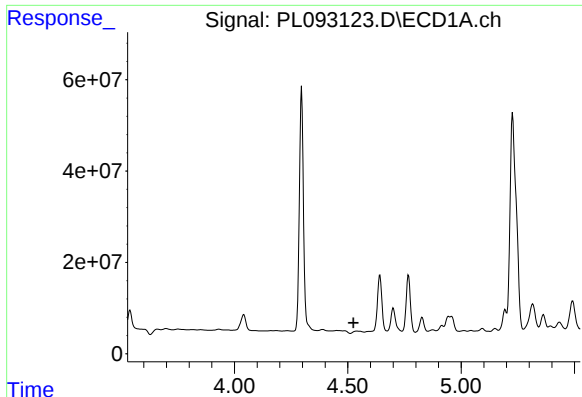
#5 Aldrin

R.T.: 0.000 min  
Exp R.T.: 5.258 min  
Response: 0  
Conc: N.D.



#5 Aldrin

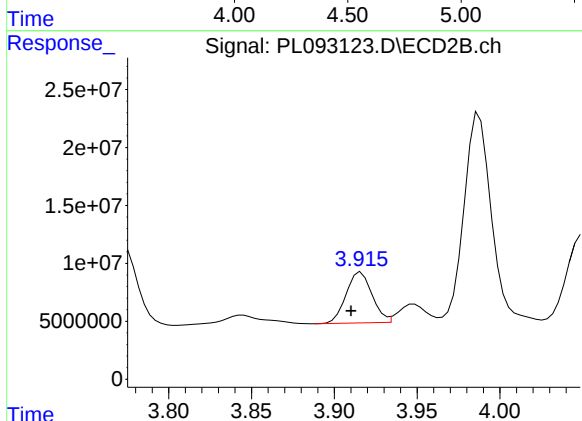
R.T.: 4.256 min  
Delta R.T.: 0.026 min  
Response: 13950809  
Conc: 3.81 ng/ml



#6 beta-BHC

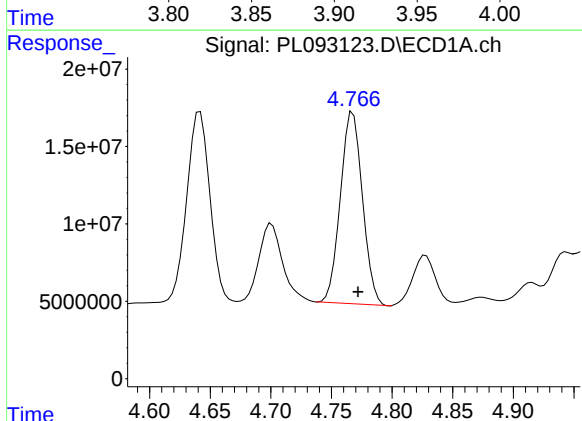
R.T.: 4.542 min  
Delta R.T.: 0.017 min  
Response: -3816977  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :  
VNJ-228



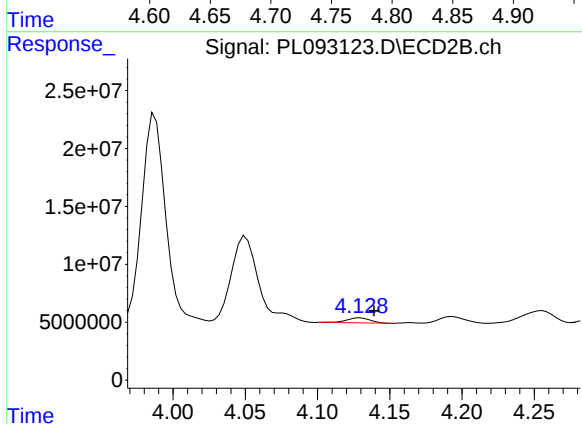
#6 beta-BHC

R.T.: 3.916 min  
Delta R.T.: 0.006 min  
Response: 47756366  
Conc: 29.01 ng/ml



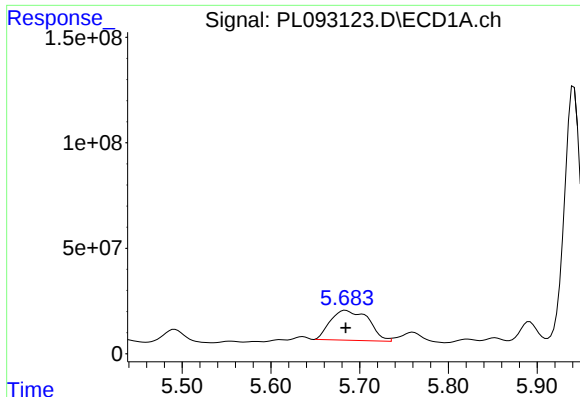
#7 delta-BHC

R.T.: 4.768 min  
Delta R.T.: -0.004 min  
Response: 156986908  
Conc: 50.16 ng/ml



#7 delta-BHC

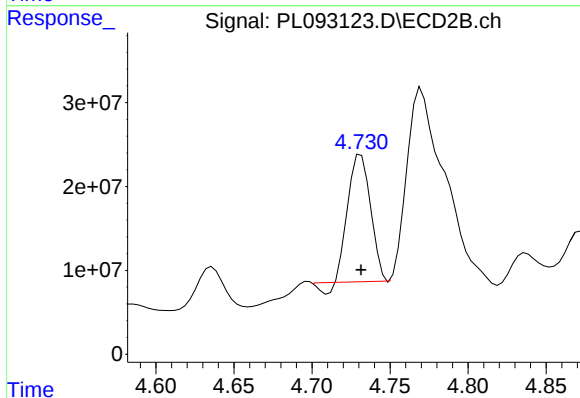
R.T.: 4.130 min  
Delta R.T.: -0.009 min  
Response: 5066660  
Conc: 1.32 ng/ml



#8 Heptachlor epoxide

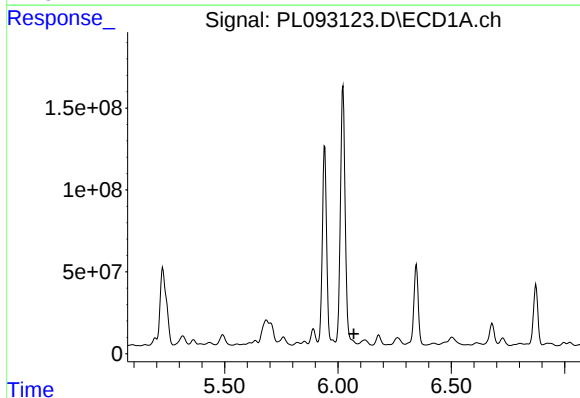
R.T.: 5.685 min  
Delta R.T.: 0.000 min  
Response: 423376315  
Conc: 153.32 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
VNJ-228



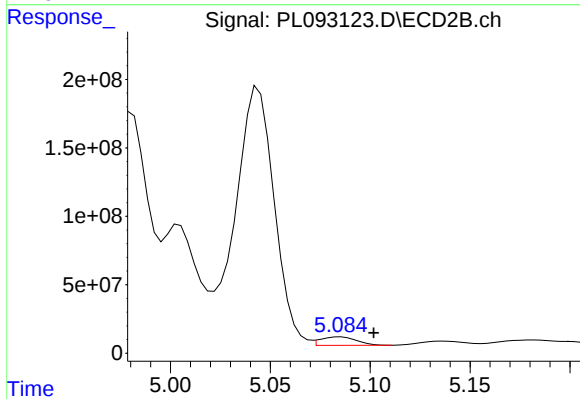
#8 Heptachlor epoxide

R.T.: 4.731 min  
Delta R.T.: 0.000 min  
Response: 148246633  
Conc: 44.37 ng/ml



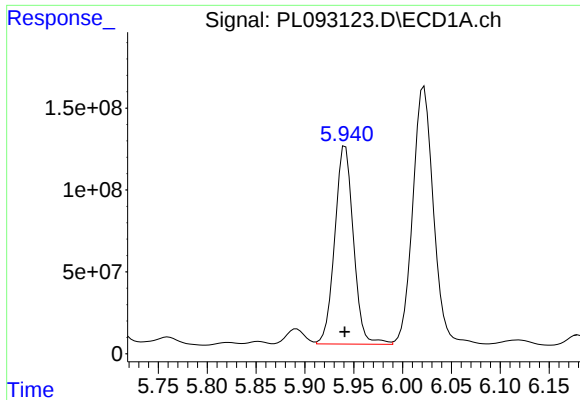
#9 Endosulfan I

R.T.: 0.000 min  
Exp R.T. : 6.070 min  
Response: 0  
Conc: N.D.



#9 Endosulfan I

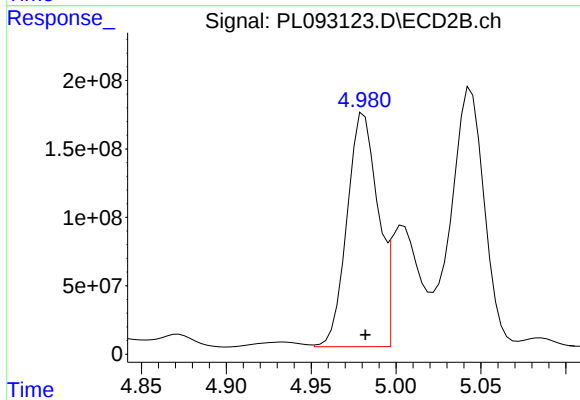
R.T.: 5.085 min  
Delta R.T.: -0.017 min  
Response: 77277080  
Conc: 25.31 ng/ml



#10 gamma-Chlordane

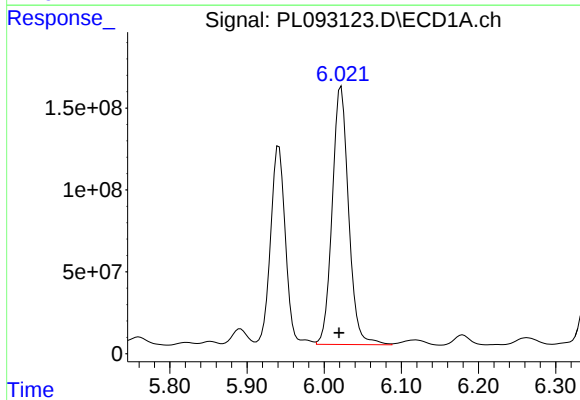
R.T.: 5.941 min  
Delta R.T.: 0.000 min  
Response: 1612109950  
Conc: 605.91 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
VNJ-228



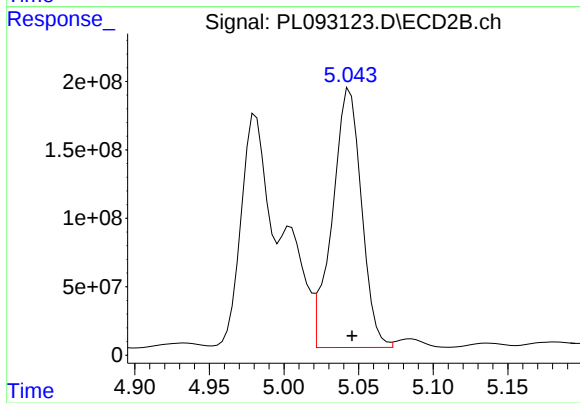
#10 gamma-Chlordane

R.T.: 4.981 min  
Delta R.T.: 0.000 min  
Response: 2151163235  
Conc: 639.91 ng/ml



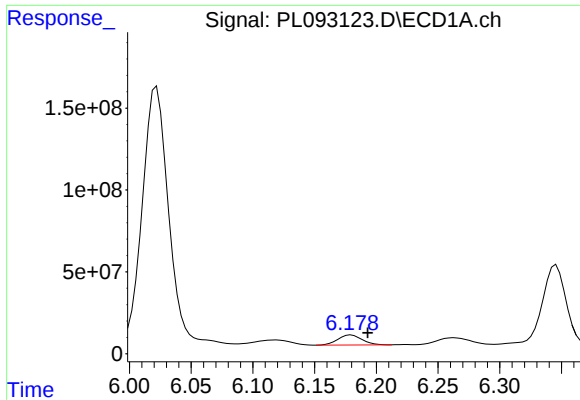
#11 alpha-Chlordane

R.T.: 6.022 min  
Delta R.T.: 0.003 min  
Response: 2330838077  
Conc: 880.18 ng/ml



#11 alpha-Chlordane

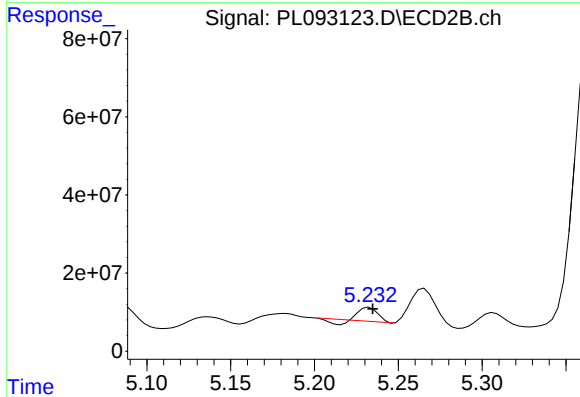
R.T.: 5.044 min  
Delta R.T.: -0.001 min  
Response: 2580409568  
Conc: 775.82 ng/ml



#12 4,4'-DDE

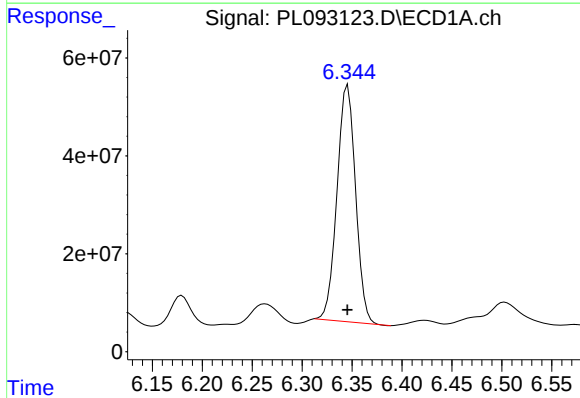
R.T.: 6.180 min  
Delta R.T.: -0.013 min  
Response: 84007969  
Conc: 35.46 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
VNJ-228



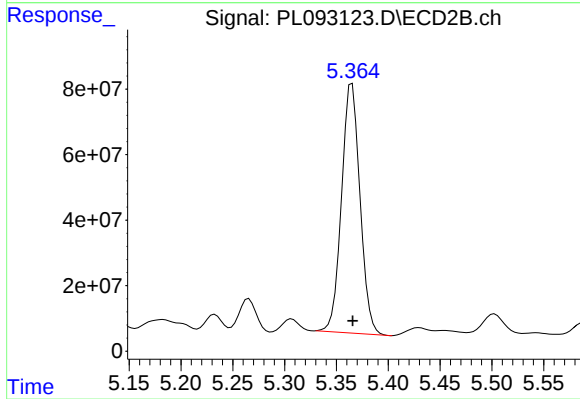
#12 4,4'-DDE

R.T.: 5.233 min  
Delta R.T.: -0.002 min  
Response: 20331625  
Conc: 6.31 ng/ml



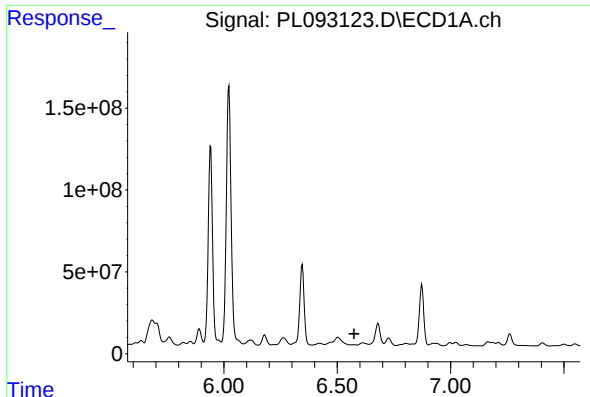
#13 Dieldrin

R.T.: 6.346 min  
Delta R.T.: 0.000 min  
Response: 625420446  
Conc: 237.31 ng/ml



#13 Dieldrin

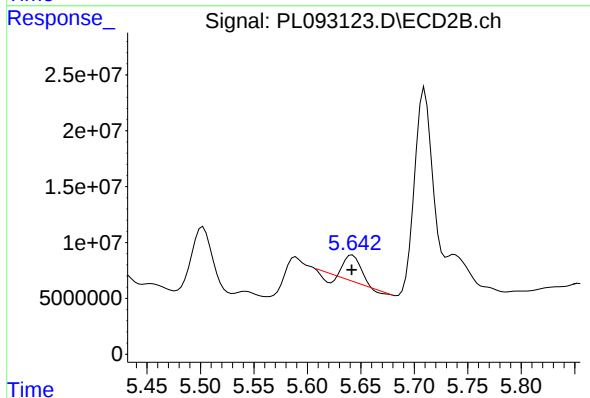
R.T.: 5.365 min  
Delta R.T.: 0.000 min  
Response: 944677005  
Conc: 282.81 ng/ml



#14 Endrin

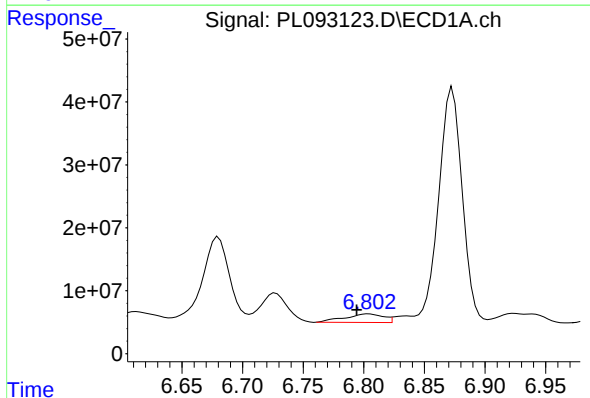
R.T.: 0.000 min  
Exp R.T.: 6.574 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :  
VNJ-228



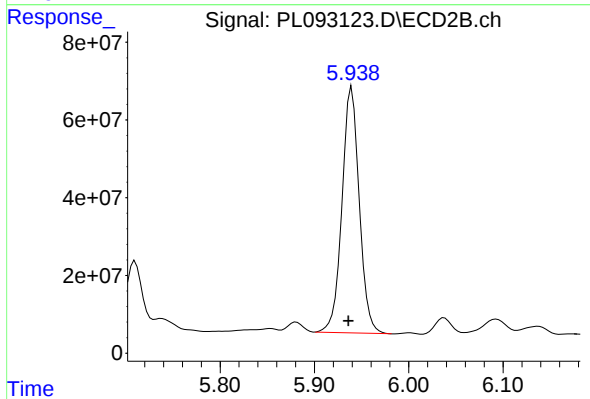
#14 Endrin

R.T.: 5.642 min  
Delta R.T.: 0.000 min  
Response: 15542324  
Conc: 5.37 ng/ml



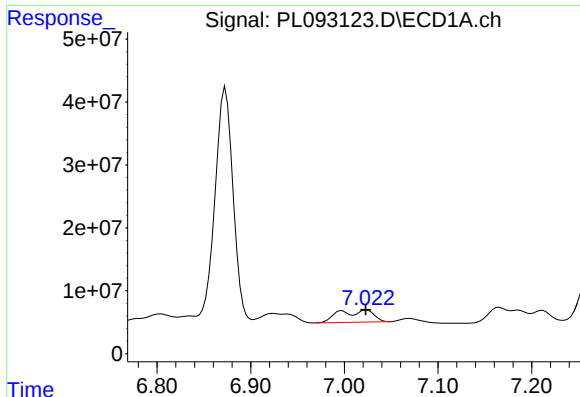
#15 Endosulfan II

R.T.: 6.804 min  
Delta R.T.: 0.010 min  
Response: 30033403  
Conc: 12.60 ng/ml



#15 Endosulfan II

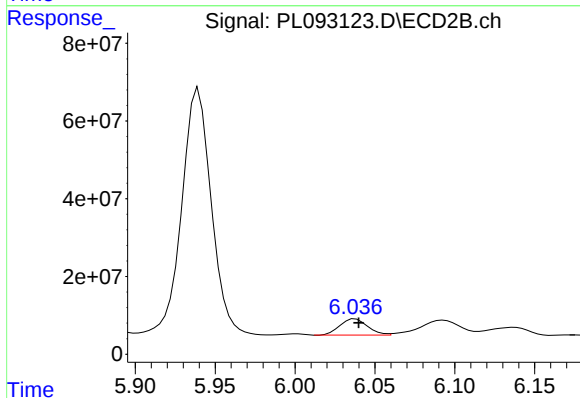
R.T.: 5.940 min  
Delta R.T.: 0.004 min  
Response: 804993314  
Conc: 284.12 ng/ml



#17 4,4'-DDT

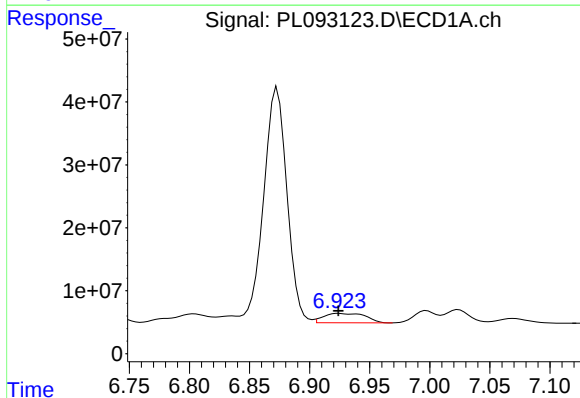
R.T.: 7.023 min  
Delta R.T.: 0.000 min  
Response: 49158887  
Conc: 23.75 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
VNJ-228



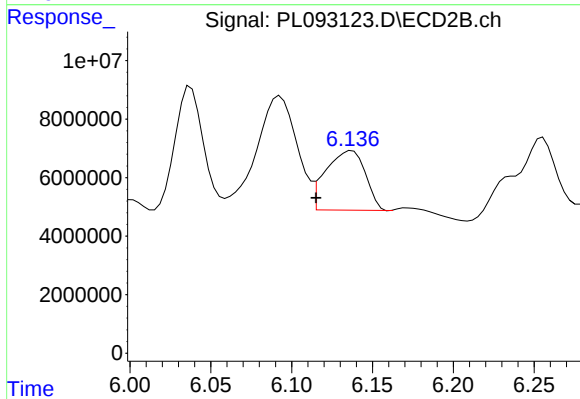
#17 4,4'-DDT

R.T.: 6.038 min  
Delta R.T.: -0.002 min  
Response: 50506384  
Conc: 18.83 ng/ml



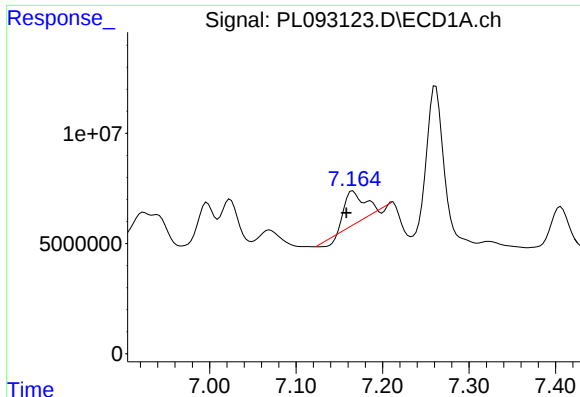
#18 Endrin aldehyde

R.T.: 6.926 min  
Delta R.T.: 0.002 min  
Response: 36236577  
Conc: 19.30 ng/ml



#18 Endrin aldehyde

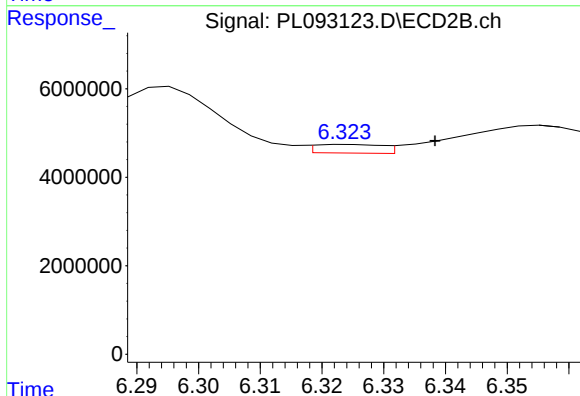
R.T.: 6.137 min  
Delta R.T.: 0.022 min  
Response: 34425085  
Conc: 14.92 ng/ml



#19 Endosulfan Sulfate

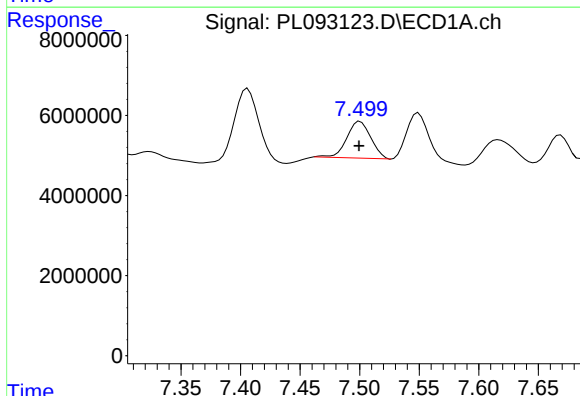
R.T.: 7.167 min  
Delta R.T.: 0.009 min  
Response: 22342600  
Conc: 10.29 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
VNJ-228



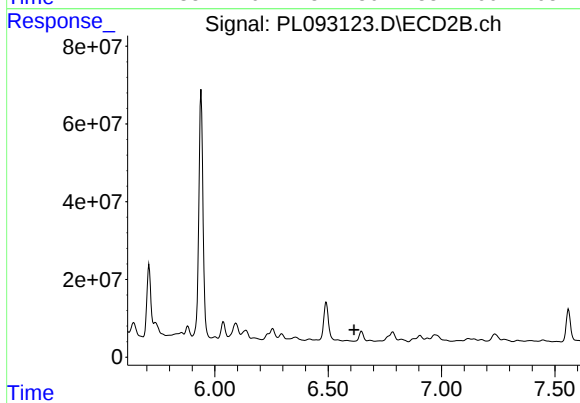
#19 Endosulfan Sulfate

R.T.: 6.324 min  
Delta R.T.: -0.014 min  
Response: 1484660  
Conc: 0.55 ng/ml



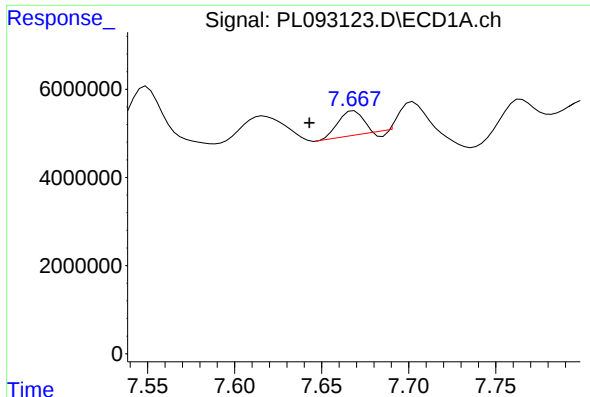
#20 Methoxychlor

R.T.: 7.501 min  
Delta R.T.: 0.001 min  
Response: 12885361  
Conc: 11.30 ng/ml



#20 Methoxychlor

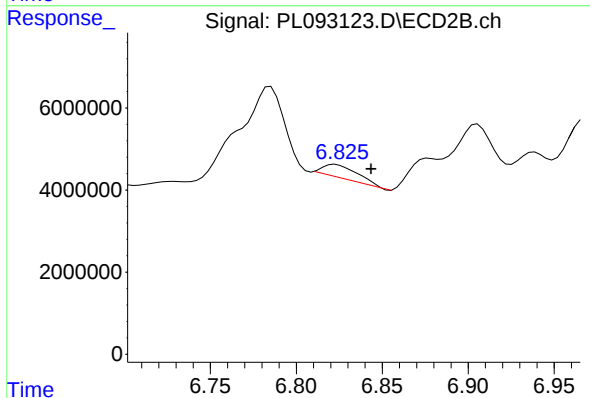
R.T.: 0.000 min  
Exp R.T. : 6.615 min  
Response: 0  
Conc: N.D.



#21 Endrin ketone

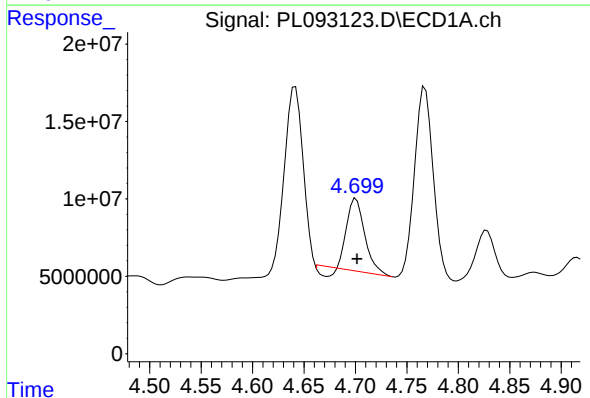
R.T.: 7.669 min  
Delta R.T.: 0.026 min  
Response: 4428125  
Conc: 1.83 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
VNJ-228



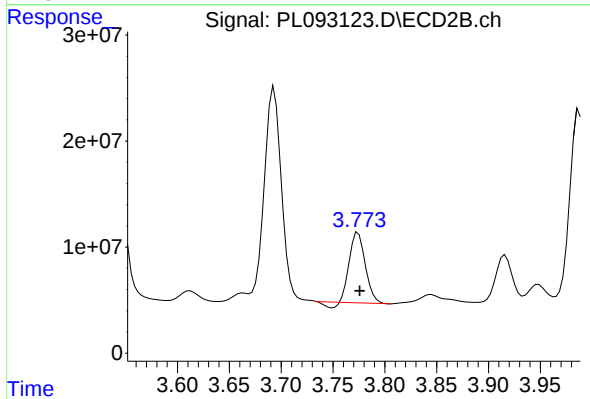
#21 Endrin ketone

R.T.: 6.823 min  
Delta R.T.: -0.021 min  
Response: 4588597  
Conc: 1.50 ng/ml



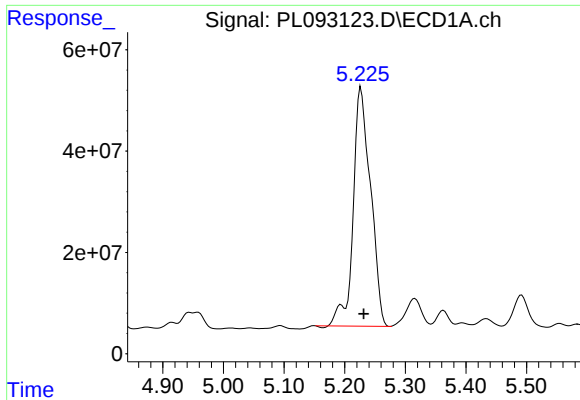
#23 Chlordane-1

R.T.: 4.701 min  
Delta R.T.: 0.000 min  
Response: 51648725  
Conc: 469.58 ng/ml



#23 Chlordane-1

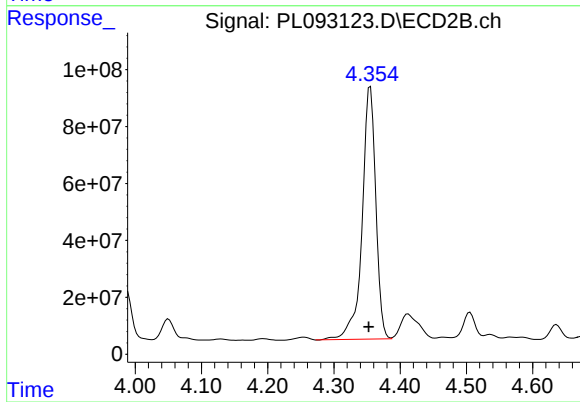
R.T.: 3.774 min  
Delta R.T.: -0.002 min  
Response: 68459568  
Conc: 644.91 ng/ml



#24 Chlordane-2

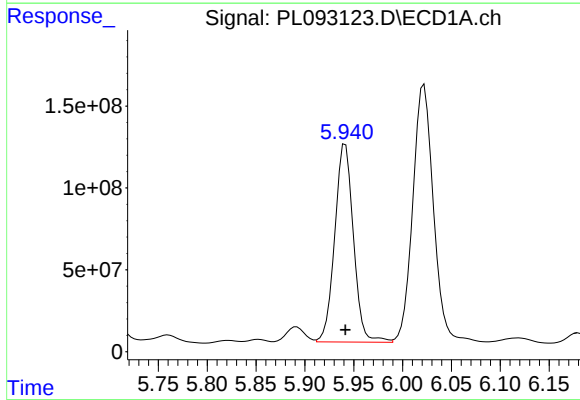
R.T.: 5.228 min  
Delta R.T.: -0.003 min  
Response: 940738094  
Conc: 8207.89 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
VNJ-228



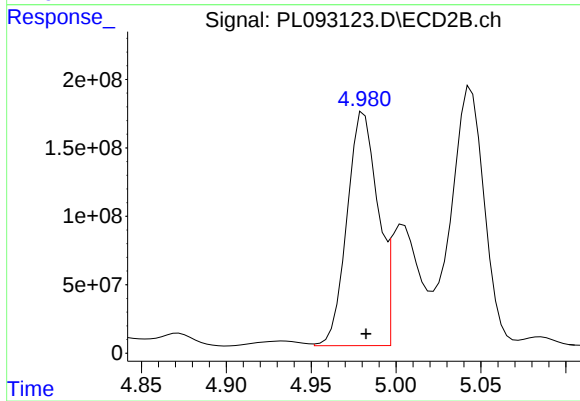
#24 Chlordane-2

R.T.: 4.355 min  
Delta R.T.: 0.003 min  
Response: 1271169266  
Conc: 10263.53 ng/ml



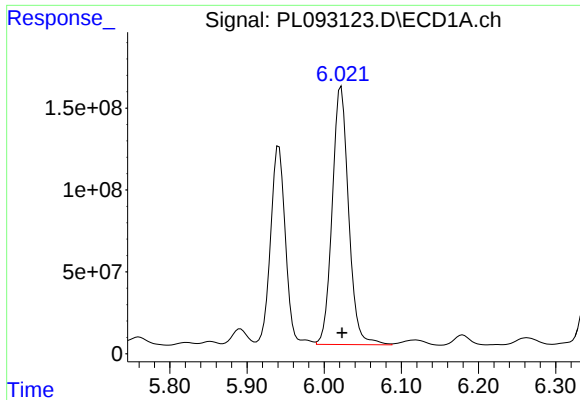
#25 Chlordane-3

R.T.: 5.941 min  
Delta R.T.: 0.000 min  
Response: 1612109950  
Conc: 4130.28 ng/ml



#25 Chlordane-3

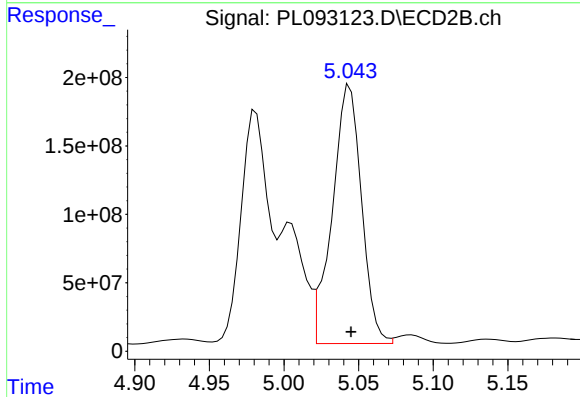
R.T.: 4.981 min  
Delta R.T.: -0.001 min  
Response: 2151163235  
Conc: 5931.25 ng/ml



#26 Chlordane-4

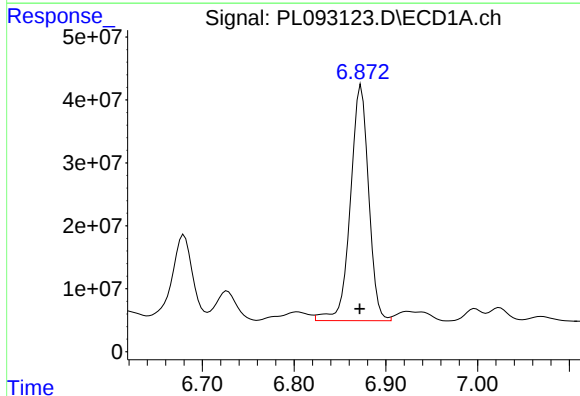
R.T.: 6.022 min  
Delta R.T.: 0.000 min  
Response: 2330838077  
Conc: 4876.18 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
VNJ-228



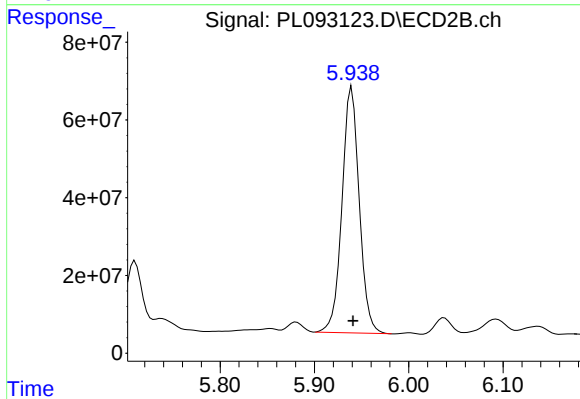
#26 Chlordane-4

R.T.: 5.044 min  
Delta R.T.: 0.000 min  
Response: 2580409568  
Conc: 7376.53 ng/ml



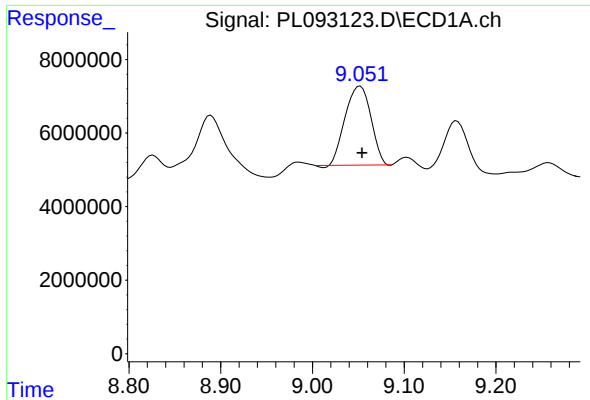
#27 Chlordane-5

R.T.: 6.873 min  
Delta R.T.: 0.001 min  
Response: 517790422  
Conc: 5469.99 ng/ml



#27 Chlordane-5

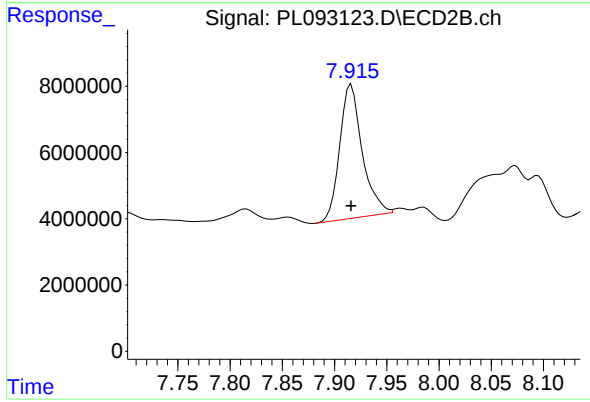
R.T.: 5.940 min  
Delta R.T.: -0.001 min  
Response: 804993314  
Conc: 6348.13 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.052 min  
Delta R.T.: -0.002 min  
Response: 41823695  
Conc: 21.73 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
VNJ-228



#28 Decachlorobiphenyl

R.T.: 7.916 min  
Delta R.T.: 0.000 min  
Response: 60453136  
Conc: 22.15 ng/ml