

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL091125\  
 Data File : PL097128.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 10 Sep 2025 15:42  
 Operator : AR\AJ  
 Sample : Q3048-01MS  
 Misc :  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 VNJ-258MS

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Sep 11 07:10:51 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL082025.M  
 Quant Title : GC Extractables  
 QLast Update : Thu Aug 21 06:34:01 2025  
 Response via : Initial Calibration  
 Integrator: ChemStation

Volume Inj. : 1 µl  
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2  
 Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x0.25µm

|                             | Compound        | RT#1  | RT#2   | Resp#1   | Resp#2   | ng/ml   | ng/ml      |
|-----------------------------|-----------------|-------|--------|----------|----------|---------|------------|
| -----                       |                 |       |        |          |          |         |            |
| System Monitoring Compounds |                 |       |        |          |          |         |            |
| 1)                          | SA Tetrachlo... | 3.527 | 2.824  | 30848479 | 92843606 | 7.822   | 16.471 #   |
| 2)                          | SA Decachlor... | 8.998 | 7.961f | -1188062 | 123.6E6  | N.D.    | 25.770     |
| Target Compounds            |                 |       |        |          |          |         |            |
| 2)                          | A alpha-BHC     | 3.974 | 3.328  | 225.1E6  | 296.2E6  | 38.850  | 36.075     |
| 3)                          | MA gamma-BHC... | 0.000 | 3.660  | 0        | 216.2E6  | N.D.    | 29.346 #   |
| 4)                          | MA Heptachlor   | 4.892 | 4.007  | 251.7E6  | 348.6E6  | 47.194  | 46.326     |
| 5)                          | MB Aldrin       | 5.231 | 4.289  | 296.1E6  | 284.6E6  | 56.366  | 40.462 #   |
| 6)                          | B beta-BHC      | 4.489 | 3.955  | 76721961 | 137.6E6  | 33.546  | 42.175 #   |
| 7)                          | B delta-BHC     | 4.734 | 4.188  | 229.5E6  | 306.6E6  | 51.003  | 41.724     |
| 8)                          | B Heptachlo...  | 5.651 | 4.791  | 273.2E6  | 497.7E6  | 53.087  | 78.689 #   |
| 9)                          | A Endosulfan I  | 6.032 | 5.163  | 250.1E6  | 326.0E6  | 58.216  | 54.414     |
| 10)                         | B gamma-Chl...  | 5.905 | 5.043  | 369.1E6  | 517.6E6  | 80.150  | 78.292     |
| 11)                         | B alpha-Chl...  | 5.986 | 5.107  | 537.4E6  | 569.7E6  | 114.206 | 87.249     |
| 12)                         | B 4,4'-DDE      | 6.156 | 5.295  | 160.5E6  | 205.4E6  | 40.214  | 33.372     |
| 13)                         | MA Dieldrin     | 6.305 | 5.427  | 214.5E6  | 333.9E6  | 47.242  | 50.960     |
| 14)                         | MA Endrin       | 6.531 | 5.701  | 171.2E6  | 269.0E6  | 45.727  | 45.533     |
| 15)                         | B Endosulfa...  | 6.744 | 5.994  | 202.4E6  | 354.2E6  | 45.954  | 61.928 #   |
| 16)                         | A 4,4'-DDD      | 6.663 | 5.848  | 184.4E6  | 203.2E6  | 58.431  | 38.909 #   |
| 17)                         | MA 4,4'-DDT     | 6.978 | 6.100  | 171.9E6  | 286.7E6  | 49.067  | 52.352     |
| 18)                         | B Endrin al...  | 6.873 | 6.171  | 133.0E6  | 239.3E6  | 51.109  | 58.325     |
| 19)                         | B Endosulfa...  | 7.106 | 6.394  | 149.8E6  | 229.7E6  | 43.643  | 40.993     |
| 20)                         | A Methoxychlor  | 0.000 | 6.672  | 0        | 132.0E6  | N.D.    | 44.017 #   |
| 21)                         | B Endrin ke...  | 7.585 | 6.898  | 163.9E6  | 250.0E6  | 46.101  | 39.939     |
| 22)                         | Mirex           | 8.063 | 7.088  | 122.2E6  | 174.8E6  | 40.855  | 36.001     |
| 23)                         | Chlordane-1     | 4.678 | 3.831  | 9629405  | 17537719 | 55.370  | 89.600 #   |
| 24)                         | Chlordane-2     | 5.201 | 4.415  | 77686895 | 122.2E6  | 426.442 | 522.210    |
| 25)                         | Chlordane-3     | 5.905 | 5.043  | 369.1E6  | 517.6E6  | 586.968 | 821.162 #  |
| 26)                         | Chlordane-4     | 5.986 | 5.107  | 537.4E6  | 569.7E6  | 660.803 | 1021.552 # |
| 27)                         | Chlordane-5     | 6.827 | 5.994  | 41757471 | 354.2E6  | 307.851 | 1571.755 # |
| -----                       |                 |       |        |          |          |         |            |

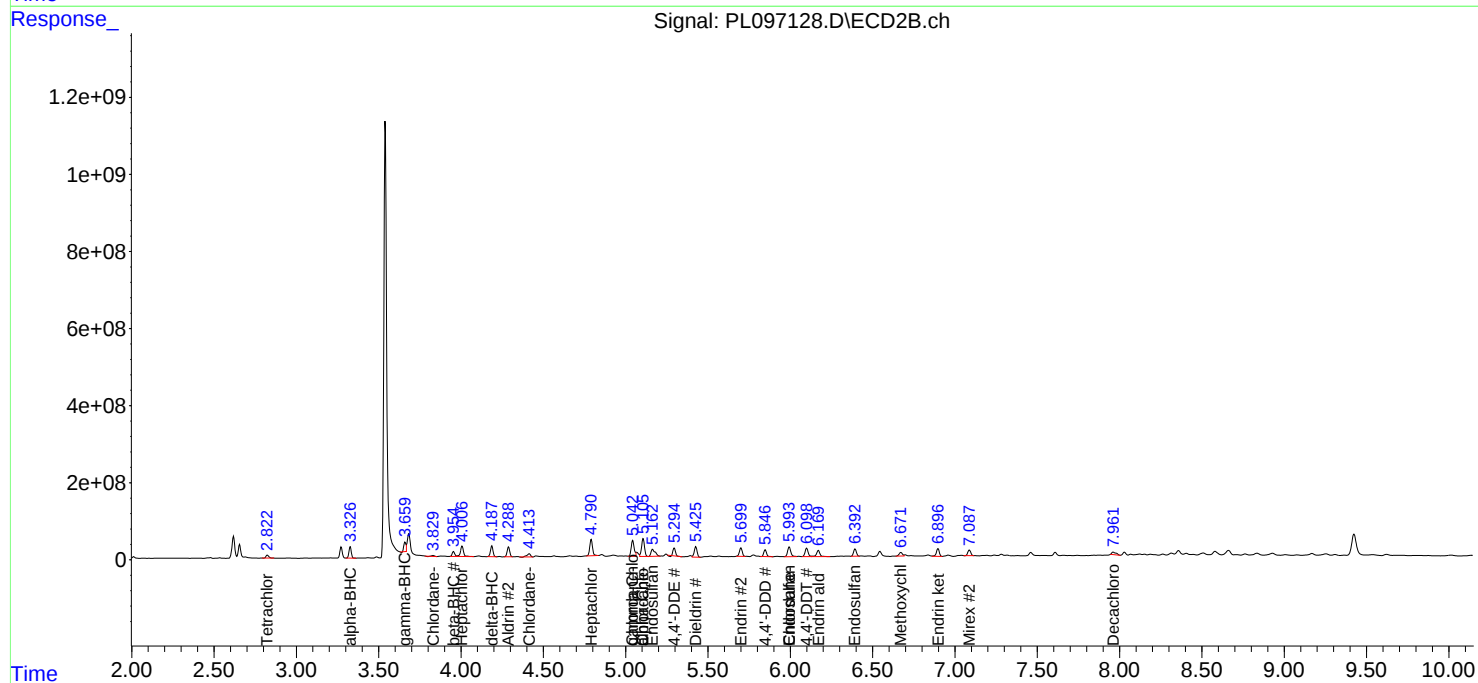
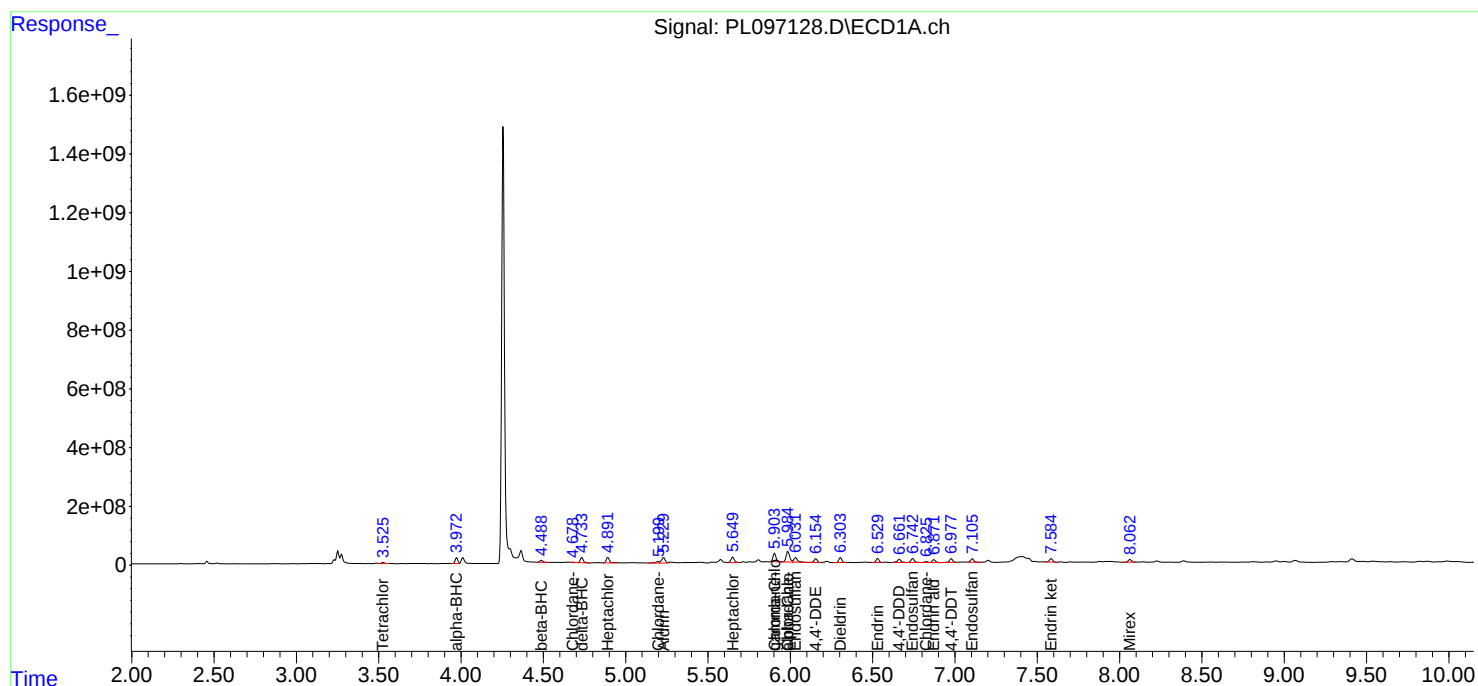
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

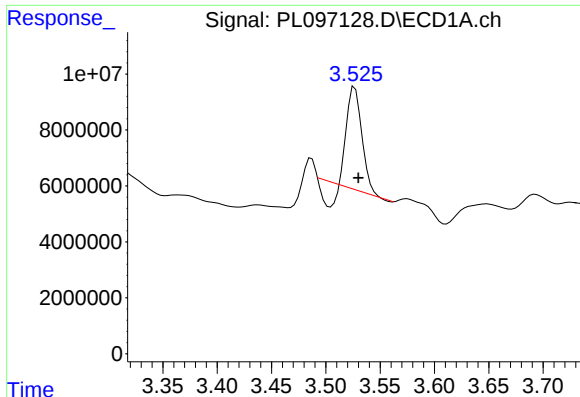
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL091125\  
Data File : PL097128.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 10 Sep 2025 15:42  
Operator : AR\AJ  
Sample : Q3048-01MS  
Misc :  
ALS Vial : 11 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :  
VNJ-258MS

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Sep 11 07:10:51 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL082025.M  
Quant Title : GC Extractables  
QLast Update : Thu Aug 21 06:34:01 2025  
Response via : Initial Calibration  
Integrator: ChemStation

Volume Inj. : 1 µl  
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2  
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x0.25µm

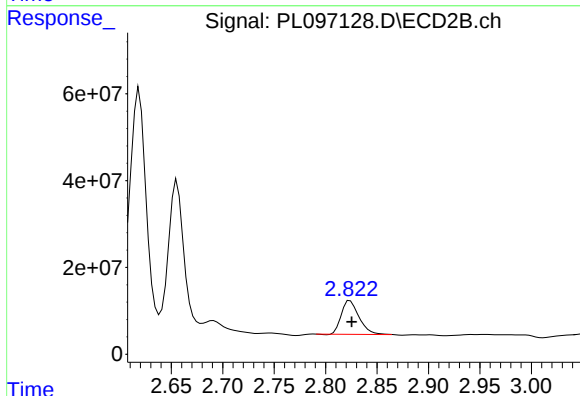




#1 Tetrachloro-m-xylene

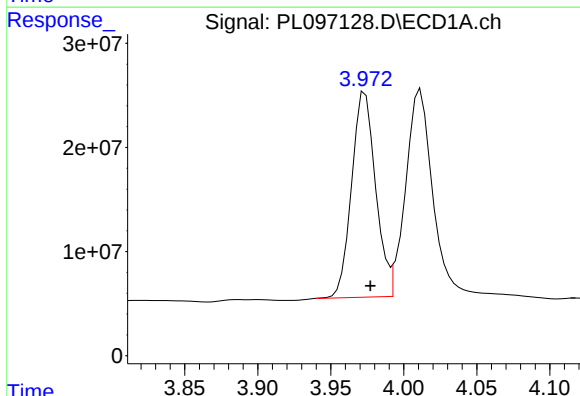
R.T.: 3.527 min  
Delta R.T.: -0.003 min  
Response: 30848479  
Conc: 7.82 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
VNJ-258MS



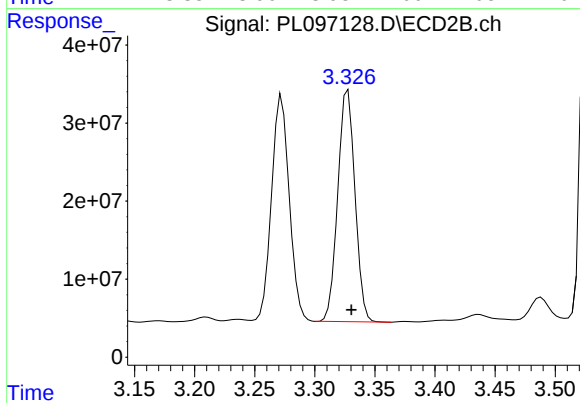
#1 Tetrachloro-m-xylene

R.T.: 2.824 min  
Delta R.T.: -0.001 min  
Response: 92843606  
Conc: 16.47 ng/ml



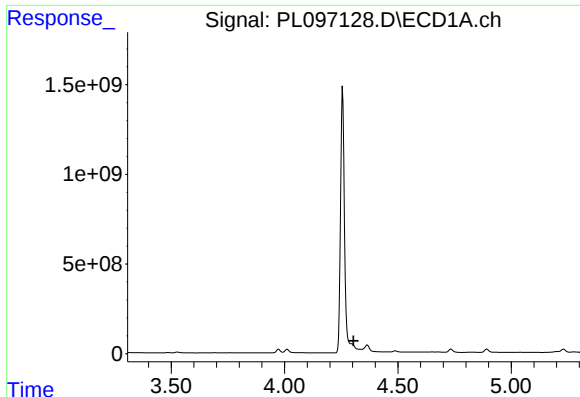
#2 alpha-BHC

R.T.: 3.974 min  
Delta R.T.: -0.004 min  
Response: 225097590  
Conc: 38.85 ng/ml



#2 alpha-BHC

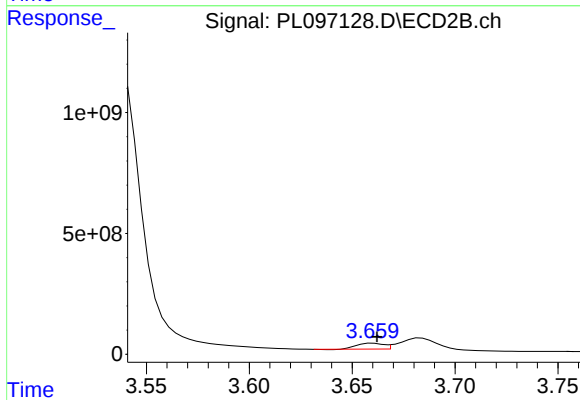
R.T.: 3.328 min  
Delta R.T.: -0.003 min  
Response: 296226234  
Conc: 36.08 ng/ml



#3 gamma-BHC (Lindane)

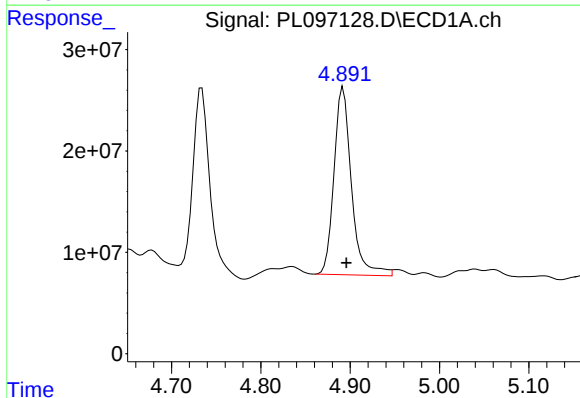
R.T.: 0.000 min  
Exp R.T.: 4.305 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :  
VNJ-258MS



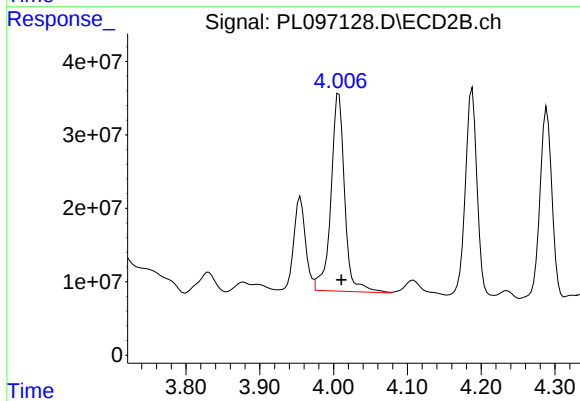
#3 gamma-BHC (Lindane)

R.T.: 3.660 min  
Delta R.T.: -0.002 min  
Response: 216179974  
Conc: 29.35 ng/ml



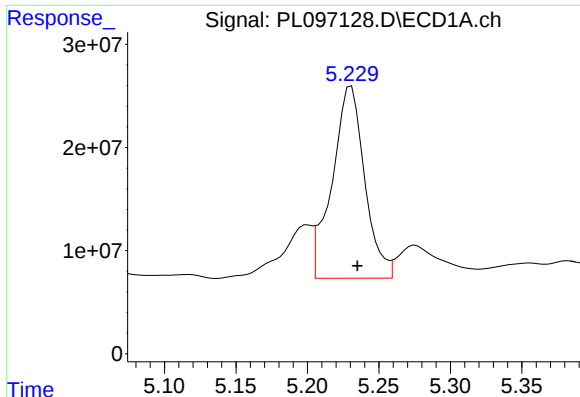
#4 Heptachlor

R.T.: 4.892 min  
Delta R.T.: -0.004 min  
Response: 251654895  
Conc: 47.19 ng/ml



#4 Heptachlor

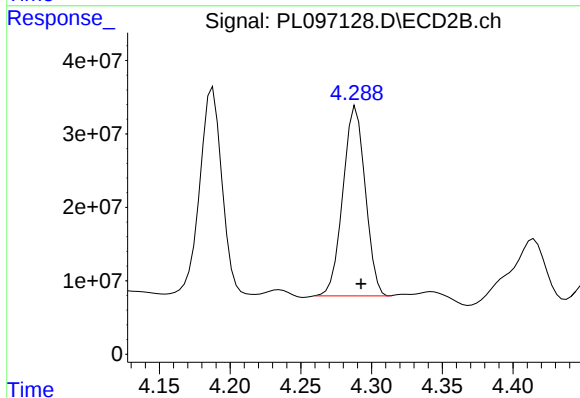
R.T.: 4.007 min  
Delta R.T.: -0.003 min  
Response: 348569176  
Conc: 46.33 ng/ml



#5 Aldrin

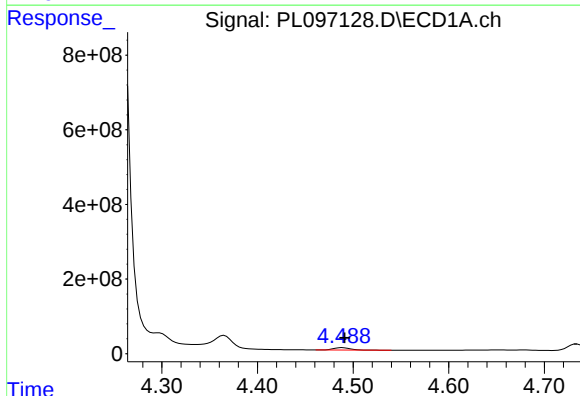
R.T.: 5.231 min  
Delta R.T.: -0.004 min  
Response: 296120482  
Conc: 56.37 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
VNJ-258MS



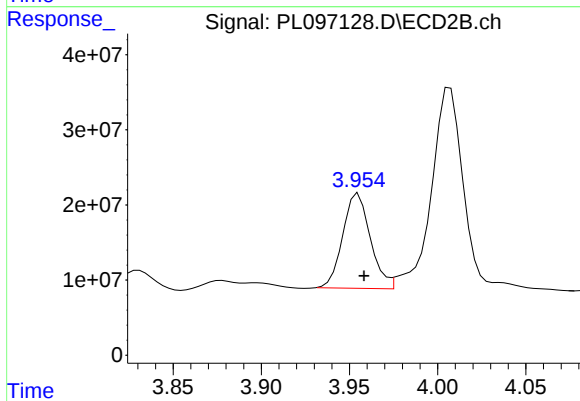
#5 Aldrin

R.T.: 4.289 min  
Delta R.T.: -0.004 min  
Response: 284560568  
Conc: 40.46 ng/ml



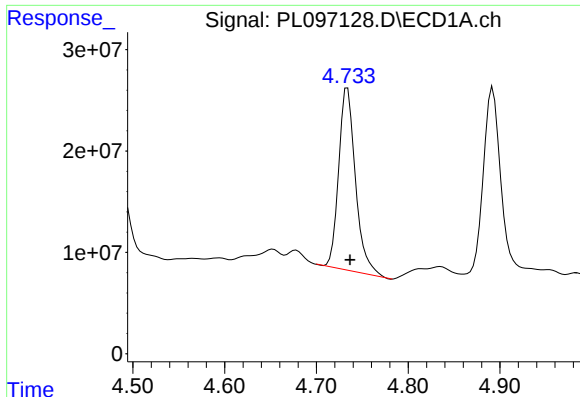
#6 beta-BHC

R.T.: 4.489 min  
Delta R.T.: -0.002 min  
Response: 76721961  
Conc: 33.55 ng/ml



#6 beta-BHC

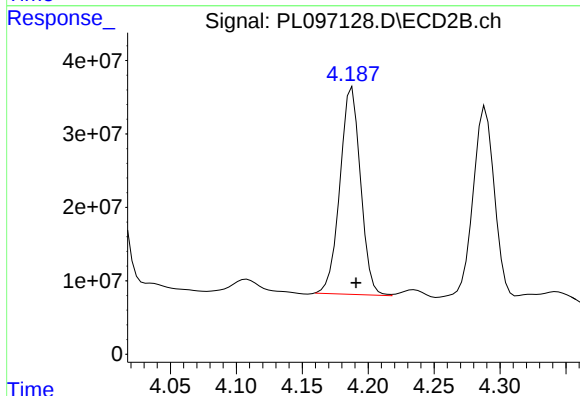
R.T.: 3.955 min  
Delta R.T.: -0.003 min  
Response: 137585806  
Conc: 42.17 ng/ml



#7 delta-BHC

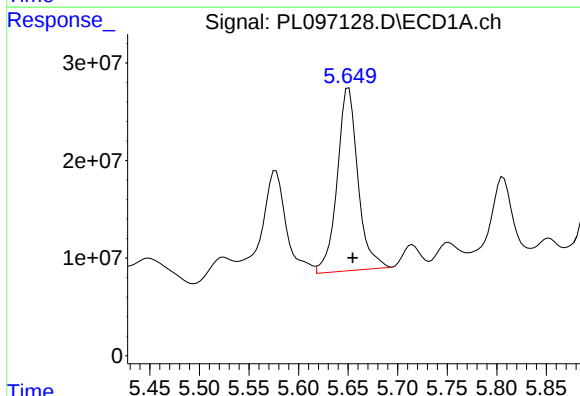
R.T.: 4.734 min  
Delta R.T.: -0.003 min  
Response: 229511622  
Conc: 51.00 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
VNJ-258MS



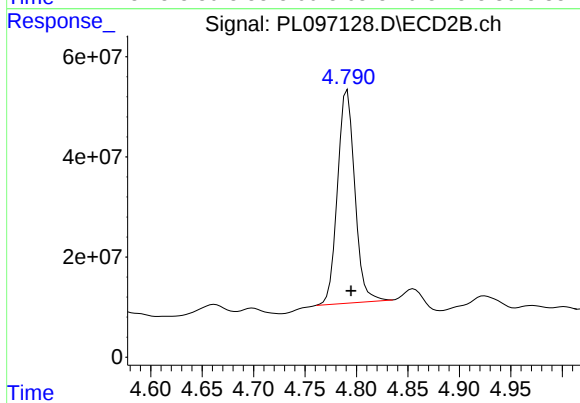
#7 delta-BHC

R.T.: 4.188 min  
Delta R.T.: -0.003 min  
Response: 306620314  
Conc: 41.72 ng/ml



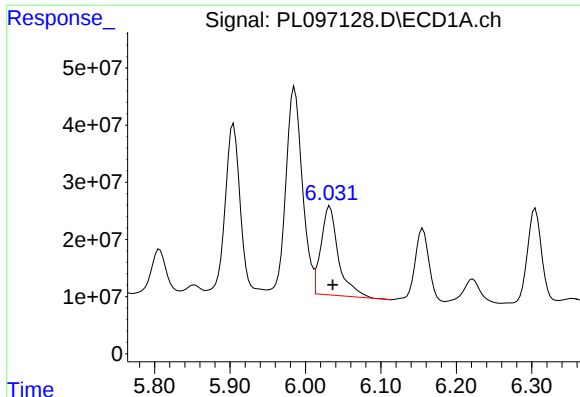
#8 Heptachlor epoxide

R.T.: 5.651 min  
Delta R.T.: -0.004 min  
Response: 273177905  
Conc: 53.09 ng/ml



#8 Heptachlor epoxide

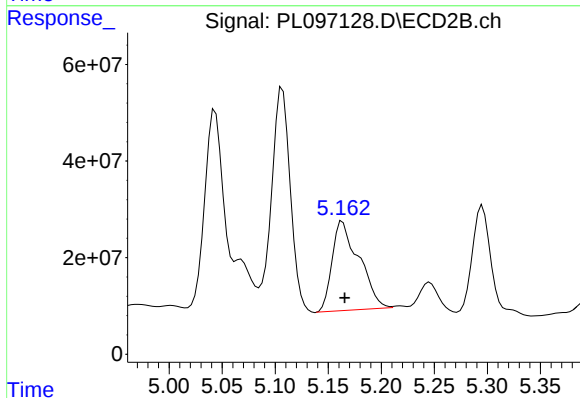
R.T.: 4.791 min  
Delta R.T.: -0.004 min  
Response: 497706566  
Conc: 78.69 ng/ml



#9 Endosulfan I

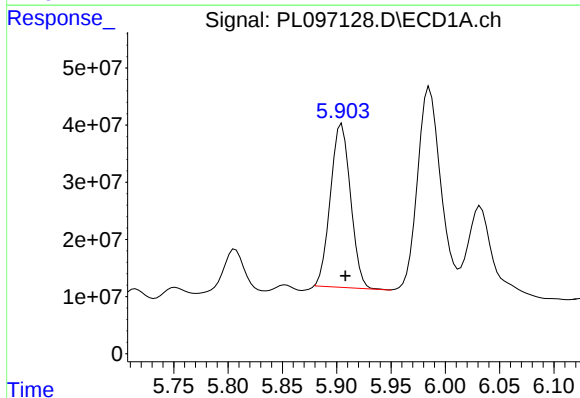
R.T.: 6.032 min  
Delta R.T.: -0.003 min  
Response: 250142113  
Conc: 58.22 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
VNJ-258MS



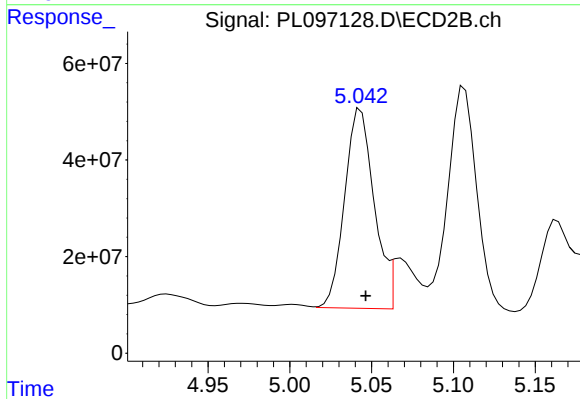
#9 Endosulfan I

R.T.: 5.163 min  
Delta R.T.: -0.002 min  
Response: 326011935  
Conc: 54.41 ng/ml



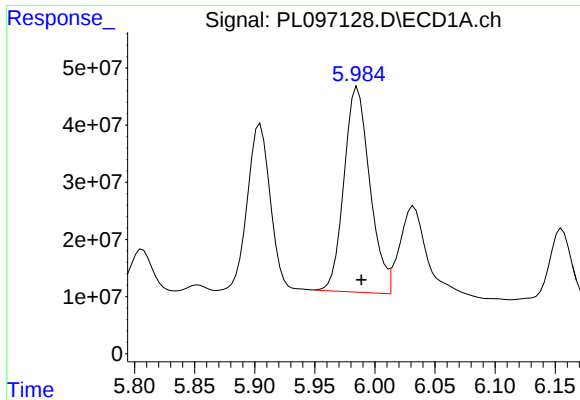
#10 gamma-Chlordane

R.T.: 5.905 min  
Delta R.T.: -0.003 min  
Response: 369130309  
Conc: 80.15 ng/ml



#10 gamma-Chlordane

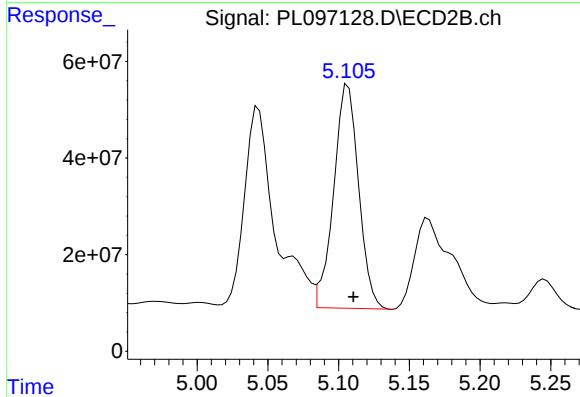
R.T.: 5.043 min  
Delta R.T.: -0.003 min  
Response: 517593497  
Conc: 78.29 ng/ml



#11 alpha-Chlordane

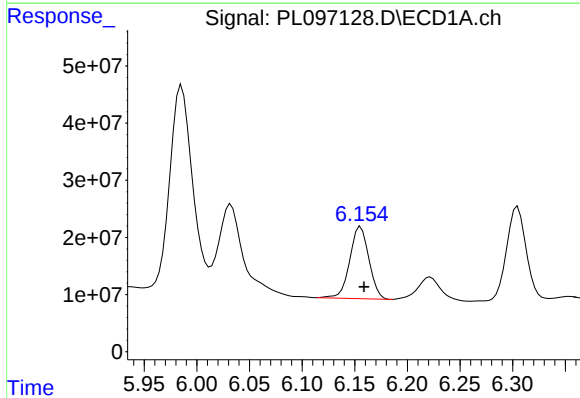
R.T.: 5.986 min  
Delta R.T.: -0.003 min  
Response: 537440244  
Conc: 114.21 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
VNJ-258MS



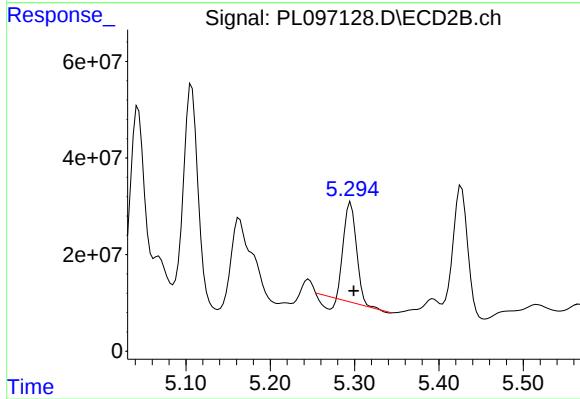
#11 alpha-Chlordane

R.T.: 5.107 min  
Delta R.T.: -0.004 min  
Response: 569714192  
Conc: 87.25 ng/ml



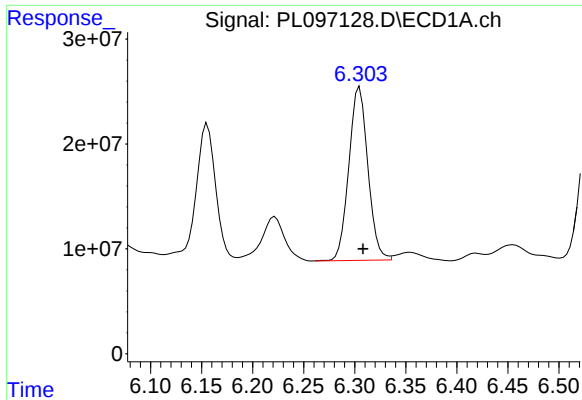
#12 4,4'-DDE

R.T.: 6.156 min  
Delta R.T.: -0.003 min  
Response: 160458875  
Conc: 40.21 ng/ml



#12 4,4'-DDE

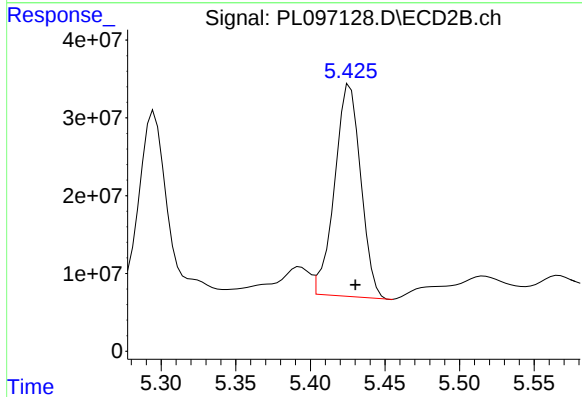
R.T.: 5.295 min  
Delta R.T.: -0.004 min  
Response: 205397124  
Conc: 33.37 ng/ml



#13 Dieldrin

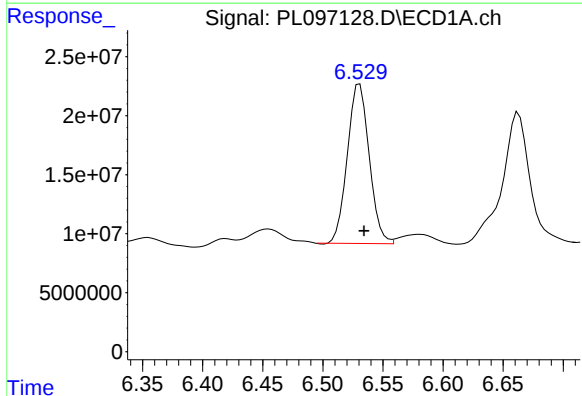
R.T.: 6.305 min  
Delta R.T.: -0.003 min  
Response: 214518922  
Conc: 47.24 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
VNJ-258MS



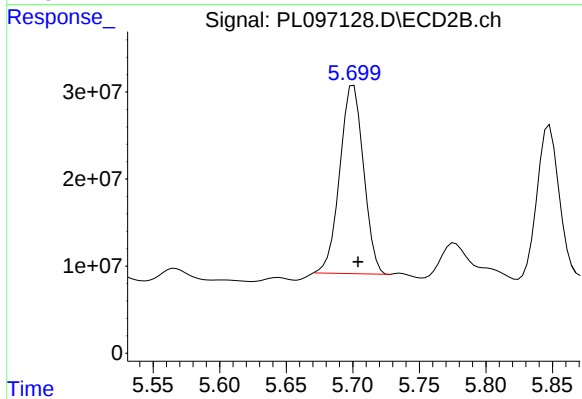
#13 Dieldrin

R.T.: 5.427 min  
Delta R.T.: -0.004 min  
Response: 333939603  
Conc: 50.96 ng/ml



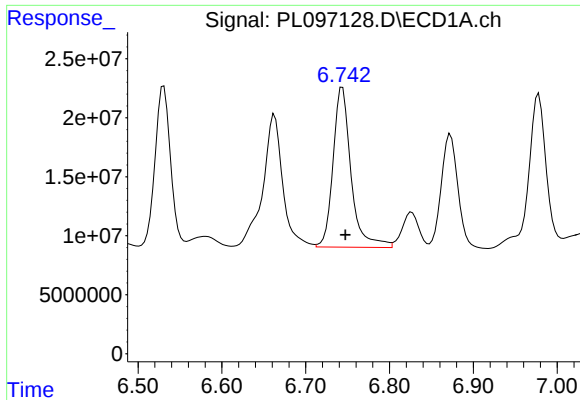
#14 Endrin

R.T.: 6.531 min  
Delta R.T.: -0.004 min  
Response: 171244270  
Conc: 45.73 ng/ml



#14 Endrin

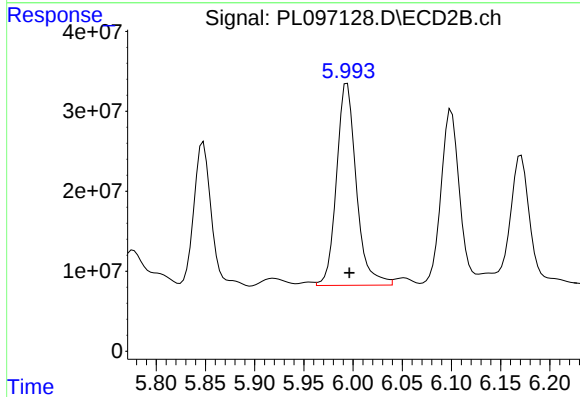
R.T.: 5.701 min  
Delta R.T.: -0.003 min  
Response: 268972213  
Conc: 45.53 ng/ml



#15 Endosulfan II

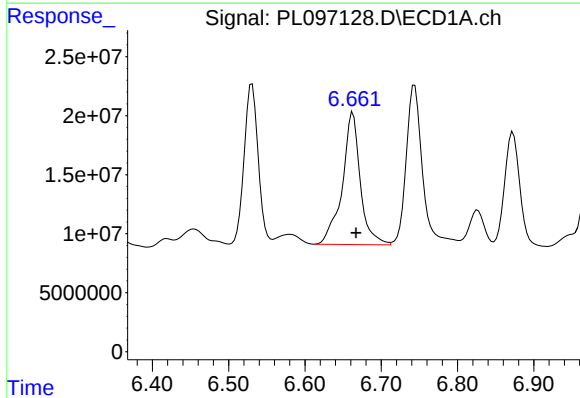
R.T.: 6.744 min  
Delta R.T.: -0.004 min  
Response: 202429158  
Conc: 45.95 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
VNJ-258MS



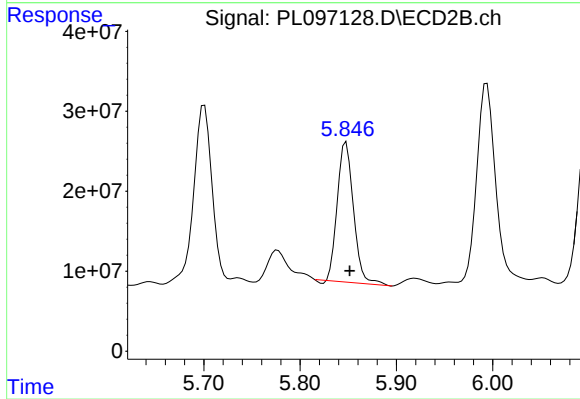
#15 Endosulfan II

R.T.: 5.994 min  
Delta R.T.: -0.002 min  
Response: 354151718  
Conc: 61.93 ng/ml



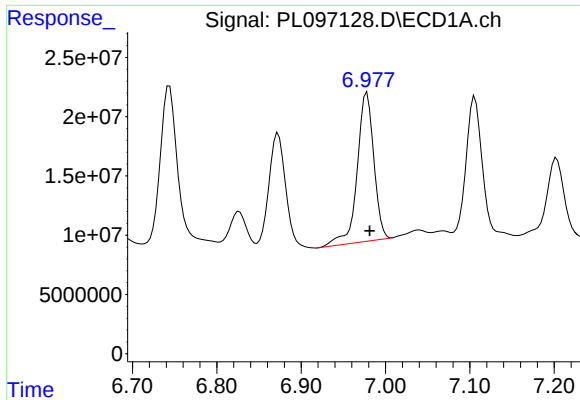
#16 4,4'-DDD

R.T.: 6.663 min  
Delta R.T.: -0.004 min  
Response: 184397669  
Conc: 58.43 ng/ml



#16 4,4'-DDD

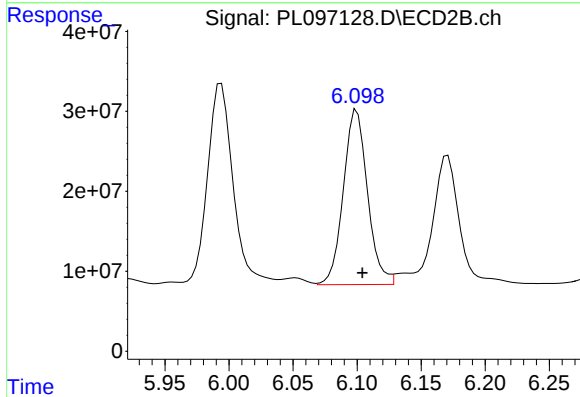
R.T.: 5.848 min  
Delta R.T.: -0.004 min  
Response: 203194791  
Conc: 38.91 ng/ml



#17 4,4'-DDT

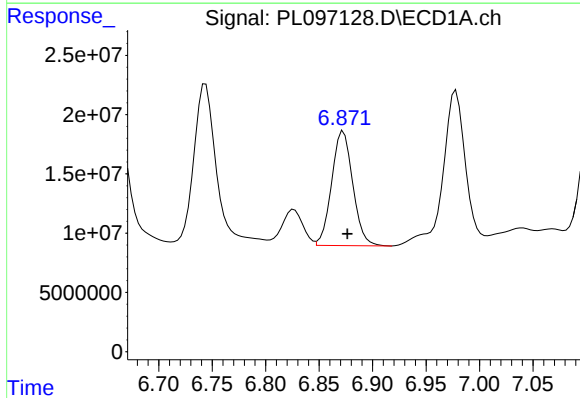
R.T.: 6.978 min  
Delta R.T.: -0.003 min  
Response: 171853198  
Conc: 49.07 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
VNJ-258MS



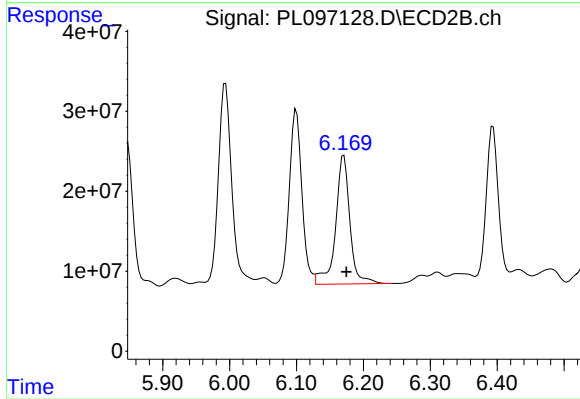
#17 4,4'-DDT

R.T.: 6.100 min  
Delta R.T.: -0.004 min  
Response: 286744340  
Conc: 52.35 ng/ml



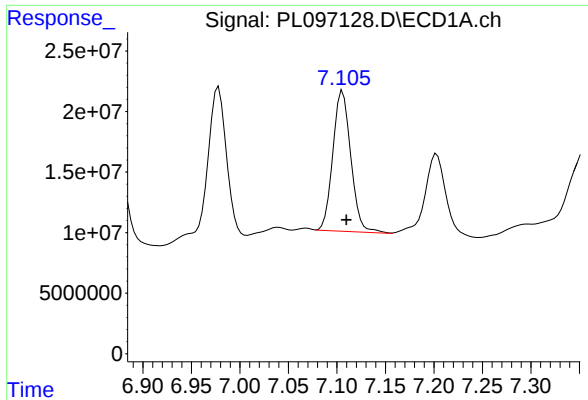
#18 Endrin aldehyde

R.T.: 6.873 min  
Delta R.T.: -0.004 min  
Response: 132956153  
Conc: 51.11 ng/ml



#18 Endrin aldehyde

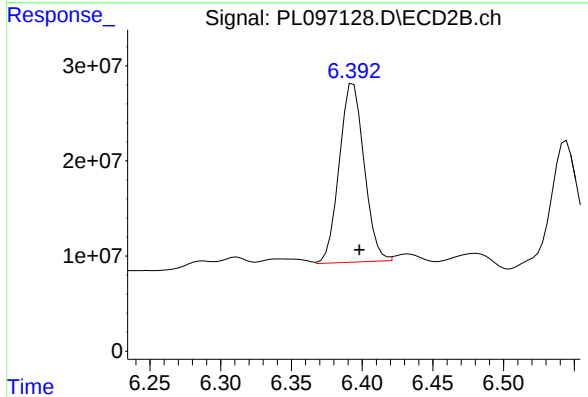
R.T.: 6.171 min  
Delta R.T.: -0.004 min  
Response: 239338685  
Conc: 58.32 ng/ml



#19 Endosulfan Sulfate

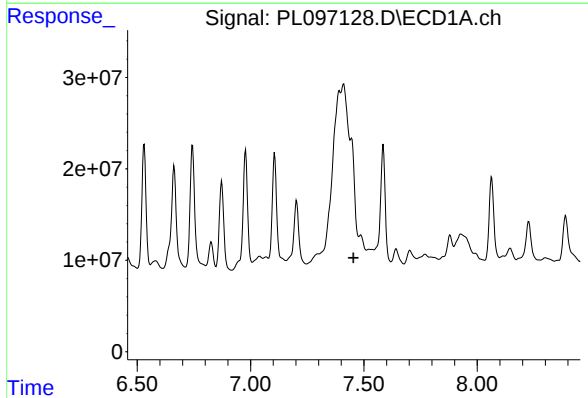
R.T.: 7.106 min  
Delta R.T.: -0.004 min  
Response: 149843156  
Conc: 43.64 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
VNJ-258MS



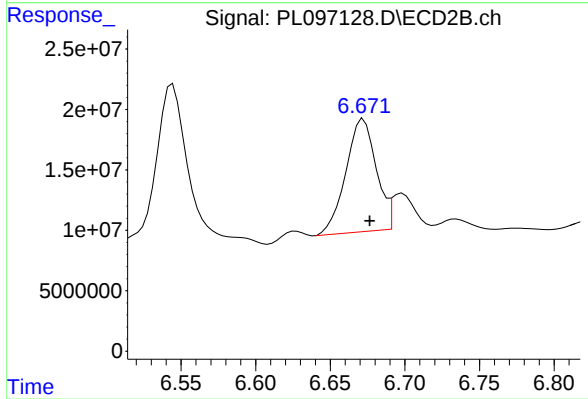
#19 Endosulfan Sulfate

R.T.: 6.394 min  
Delta R.T.: -0.004 min  
Response: 229683672  
Conc: 40.99 ng/ml



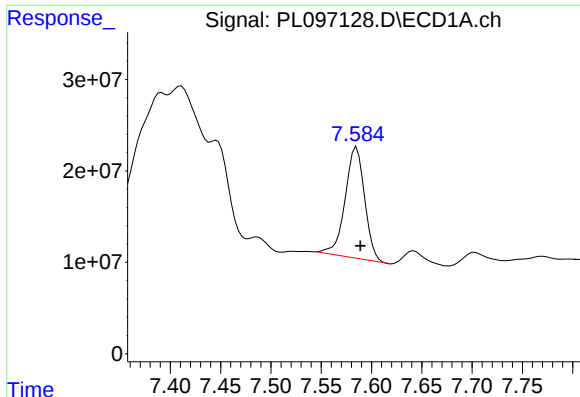
#20 Methoxychlor

R.T.: 0.000 min  
Exp R.T. : 7.454 min  
Response: 0  
Conc: N.D.



#20 Methoxychlor

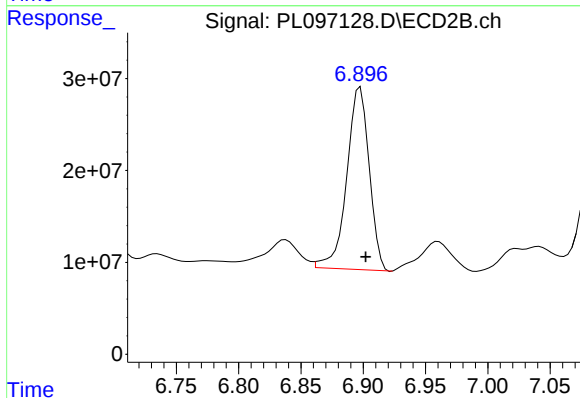
R.T.: 6.672 min  
Delta R.T.: -0.004 min  
Response: 132041940  
Conc: 44.02 ng/ml



#21 Endrin ketone

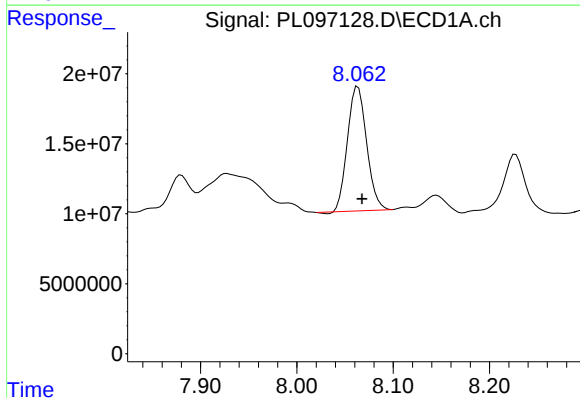
R.T.: 7.585 min  
Delta R.T.: -0.004 min  
Response: 163901716  
Conc: 46.10 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
VNJ-258MS



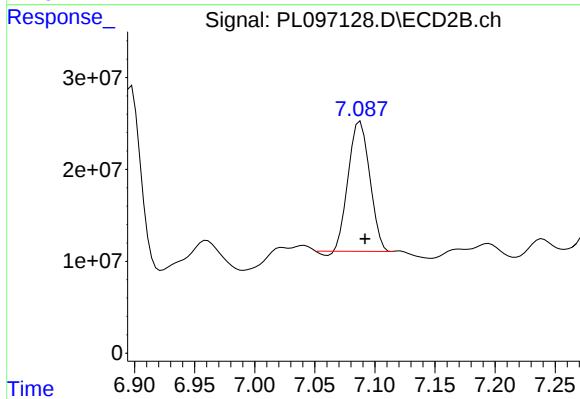
#21 Endrin ketone

R.T.: 6.898 min  
Delta R.T.: -0.004 min  
Response: 249973656  
Conc: 39.94 ng/ml



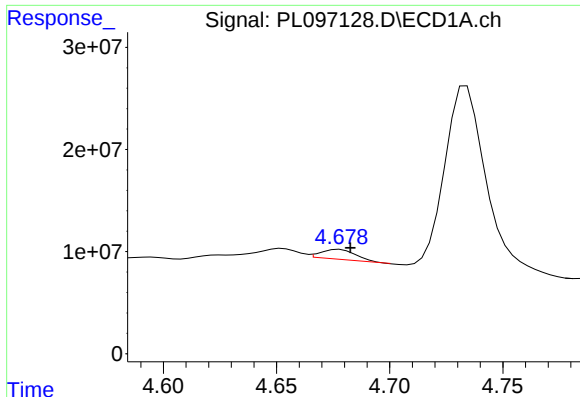
#22 Mirex

R.T.: 8.063 min  
Delta R.T.: -0.004 min  
Response: 122235036  
Conc: 40.86 ng/ml



#22 Mirex

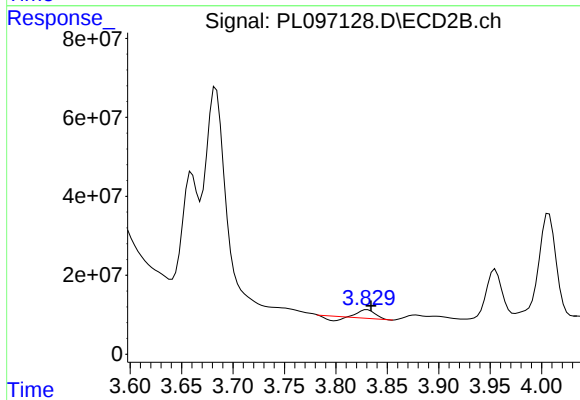
R.T.: 7.088 min  
Delta R.T.: -0.004 min  
Response: 174839876  
Conc: 36.00 ng/ml



#23 Chlordane-1

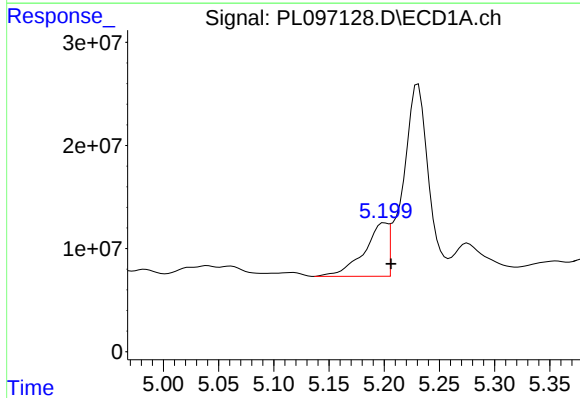
R.T.: 4.678 min  
Delta R.T.: -0.005 min  
Response: 9629405  
Conc: 55.37 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
VNJ-258MS



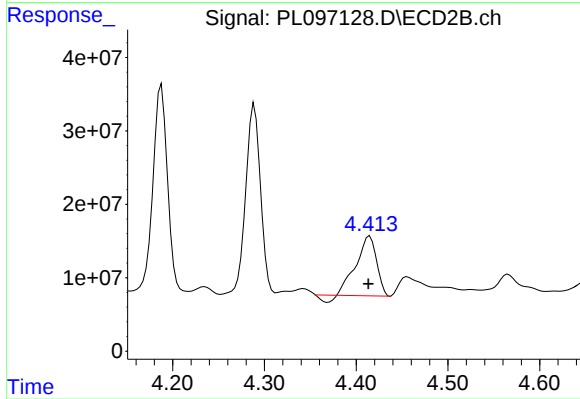
#23 Chlordane-1

R.T.: 3.831 min  
Delta R.T.: -0.004 min  
Response: 17537719  
Conc: 89.60 ng/ml



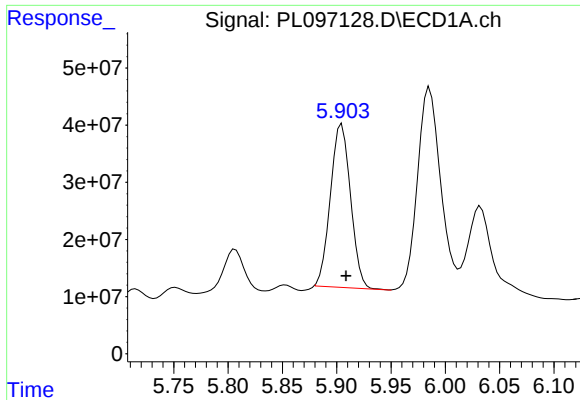
#24 Chlordane-2

R.T.: 5.201 min  
Delta R.T.: -0.005 min  
Response: 77686895  
Conc: 426.44 ng/ml



#24 Chlordane-2

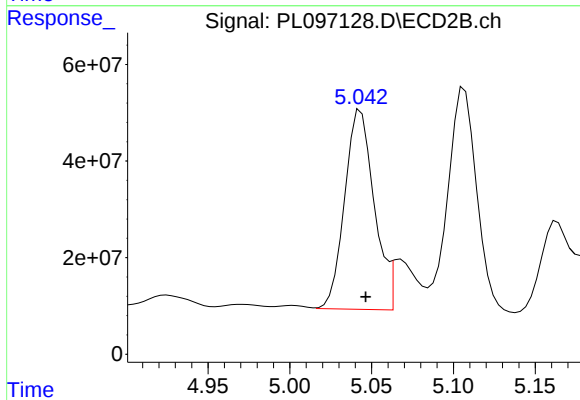
R.T.: 4.415 min  
Delta R.T.: 0.002 min  
Response: 122233047  
Conc: 522.21 ng/ml



#25 Chlordane-3

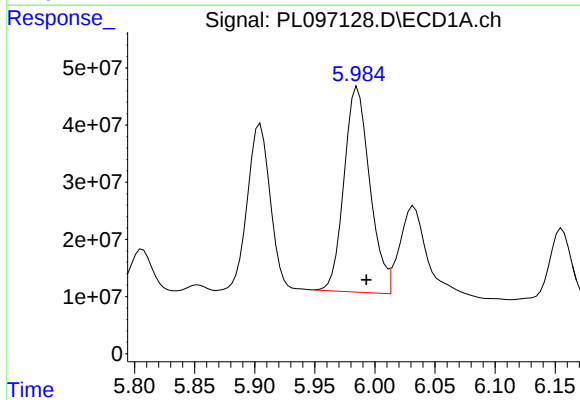
R.T.: 5.905 min  
Delta R.T.: -0.004 min  
Response: 369130309  
Conc: 586.97 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
VNJ-258MS



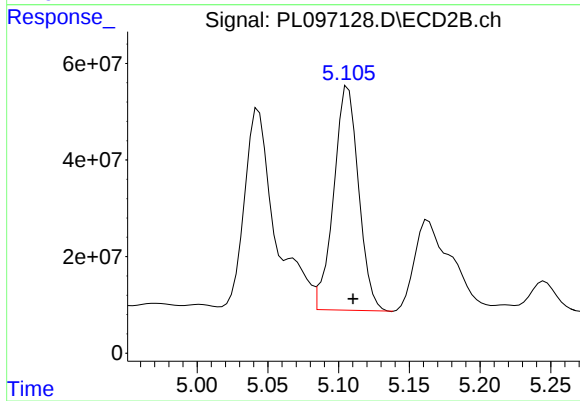
#25 Chlordane-3

R.T.: 5.043 min  
Delta R.T.: -0.003 min  
Response: 517593497  
Conc: 821.16 ng/ml



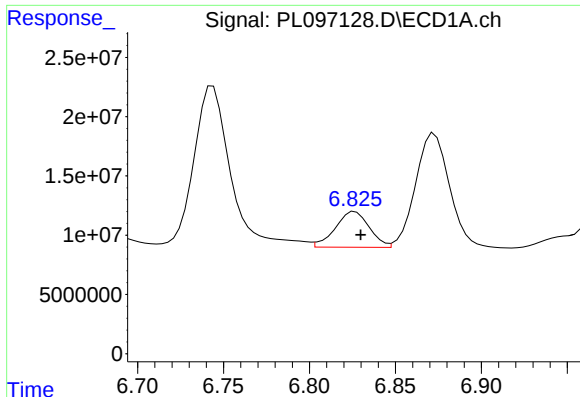
#26 Chlordane-4

R.T.: 5.986 min  
Delta R.T.: -0.007 min  
Response: 537440244  
Conc: 660.80 ng/ml



#26 Chlordane-4

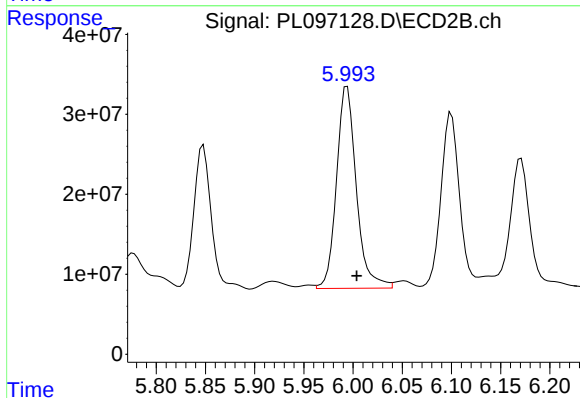
R.T.: 5.107 min  
Delta R.T.: -0.003 min  
Response: 569714192  
Conc: 1021.55 ng/ml



#27 Chlordane-5

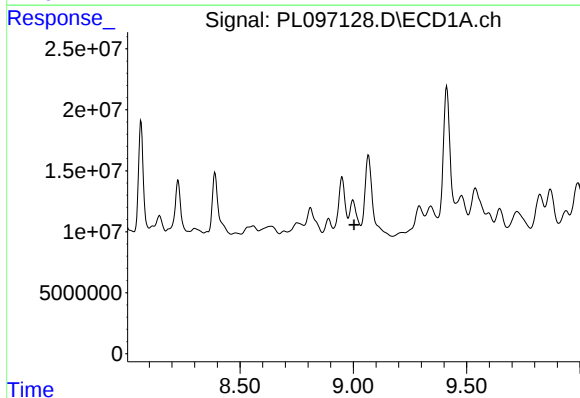
R.T.: 6.827 min  
Delta R.T.: -0.003 min  
Response: 41757471  
Conc: 307.85 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
VNJ-258MS



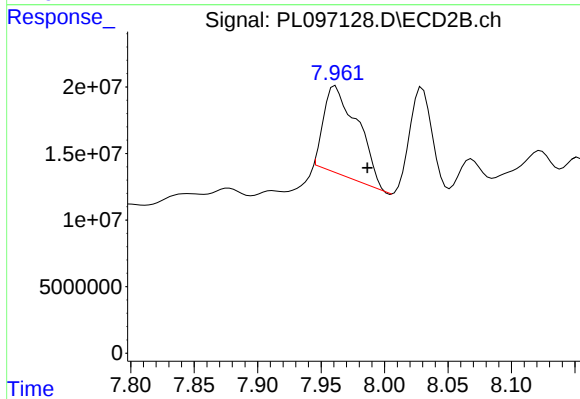
#27 Chlordane-5

R.T.: 5.994 min  
Delta R.T.: -0.010 min  
Response: 354151718  
Conc: 1571.75 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.998 min  
Delta R.T.: -0.006 min  
Response: -1188062  
Conc: N.D.



#28 Decachlorobiphenyl

R.T.: 7.961 min  
Delta R.T.: -0.025 min  
Response: 123589202  
Conc: 25.77 ng/ml