

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL022824\  
 Data File : PL088341.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 28 Feb 2024 15:47  
 Operator : AR\AJ  
 Sample : P1612-01  
 Misc :  
 ALS Vial : 12 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 OK-02-022724

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Feb 29 01:22:43 2024  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL021524.M  
 Quant Title : GC Extractables  
 QLast Update : Fri Feb 16 21:46:54 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...          | 3.635  | 2.854  | 38561180 | 24155665 | 14.039 | 17.223   |
| 28) SA Decachlor...         | 9.304  | 8.084  | 26477773 | 13998257 | 13.748 | 10.994   |
| Target Compounds            |        |        |          |          |        |          |
| 2) A alpha-BHC              | 4.090  | 3.354f | 620986   | 249996   | 0.149  | 0.122    |
| 3) MA gamma-BHC...          | 4.425  | 3.699  | 194157   | 65092    | 0.048  | 0.033 #  |
| 4) MA Heptachlor            | 0.000  | 4.050  | 0        | 89449    | N.D.   | 0.049 #  |
| 5) MB Aldrin                | 5.356f | 4.340  | 1895579  | 390103   | 0.496  | 0.201 #  |
| 6) B beta-BHC               | 0.000  | 4.017  | 0        | 29505    | N.D.   | 0.033 #  |
| 7) B delta-BHC              | 4.882  | 0.000  | 1310145  | 0        | 0.344  | N.D. #   |
| 8) B Heptachlo...           | 5.817  | 4.851  | 463481   | 140242   | 0.132  | 0.081 #  |
| 9) A Endosulfan I           | 0.000  | 5.241  | 0        | 221415   | N.D.   | 0.138 #  |
| 10) B gamma-Chl...          | 6.075  | 5.129f | 2574170  | 1243180  | 0.757  | 0.697    |
| 11) B alpha-Chl...          | 6.161  | 5.168  | 2662456  | 817334   | 0.780  | 0.459 #  |
| 12) B 4,4'-DDE              | 6.330  | 5.362  | 24373    | 559540   | 0.008  | 0.352 #  |
| 13) MA Dieldrin             | 6.510f | 5.500  | 932050   | 243748   | 0.283  | 0.141 #  |
| 14) MA Endrin               | 0.000  | 5.787  | 0        | 300999   | N.D.   | 0.201 #  |
| 15) B Endosulfa...          | 6.967f | 6.076  | 899818   | 456616   | 0.314  | 0.300    |
| 16) A 4,4'-DDD              | 6.867  | 5.926  | 598249   | 278448   | 0.231  | 0.204    |
| 17) MA 4,4'-DDT             | 7.175  | 6.175  | 413452   | 181451   | 0.157  | 0.133    |
| 20) A Methoxychlor          | 0.000  | 6.739f | 0        | 30357    | N.D.   | 0.039 #  |
| 21) B Endrin ke...          | 7.779f | 0.000  | 178414   | 0        | 0.064  | N.D. #   |
| 23) Chlordane-1             | 0.000  | 3.876  | 0        | 680196   | N.D.   | 13.215 # |
| 24) Chlordane-2             | 5.356  | 4.468  | 1895579  | 1452902  | 14.123 | 22.867 # |
| 25) Chlordane-3             | 6.075  | 5.129f | 2574170  | 1243180  | 5.097  | 6.677 #  |
| 26) Chlordane-4             | 6.161  | 5.168  | 2662456  | 817334   | 4.337  | 4.727    |
| 27) Chlordane-5             | 7.021  | 5.844  | 250293   | 337455   | 2.473  | 6.379 #  |
| -----                       |        |        |          |          |        |          |

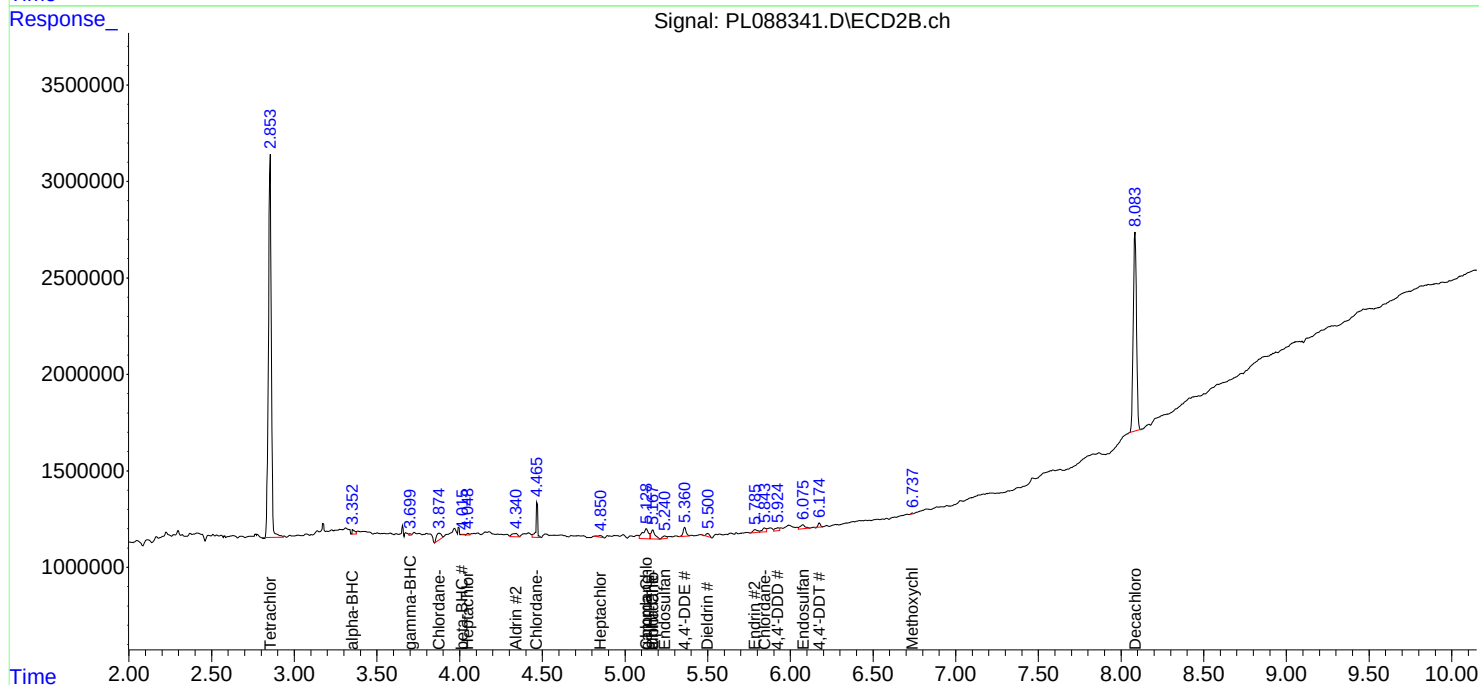
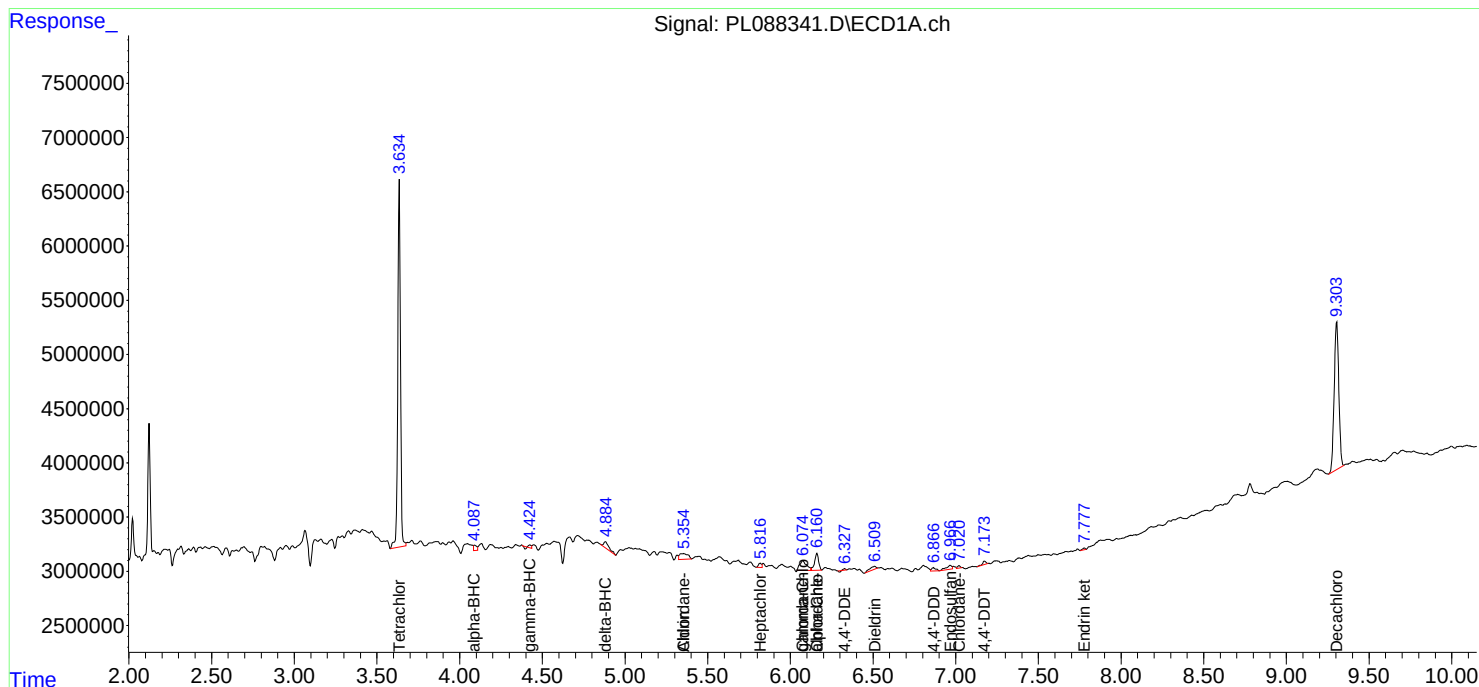
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

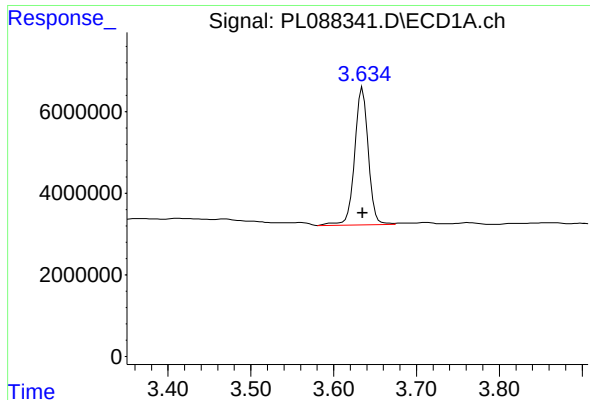
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL022824\  
Data File : PL088341.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 28 Feb 2024 15:47  
Operator : AR\AJ  
Sample : P1612-01  
Misc :  
ALS Vial : 12 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :  
OK-02-022724

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Feb 29 01:22:43 2024  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL021524.M  
Quant Title : GC Extractables  
QLast Update : Fri Feb 16 21:46:54 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

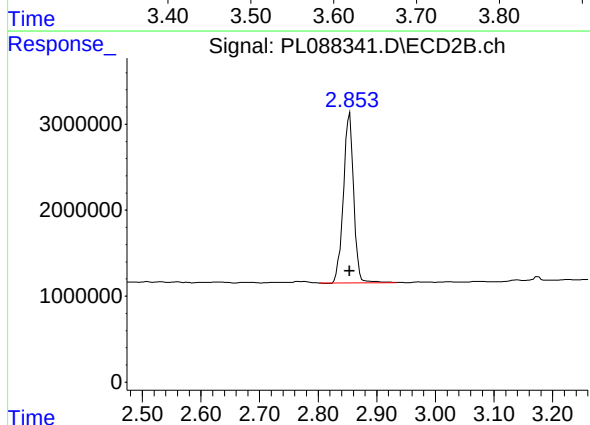




#1 Tetrachloro-m-xylene

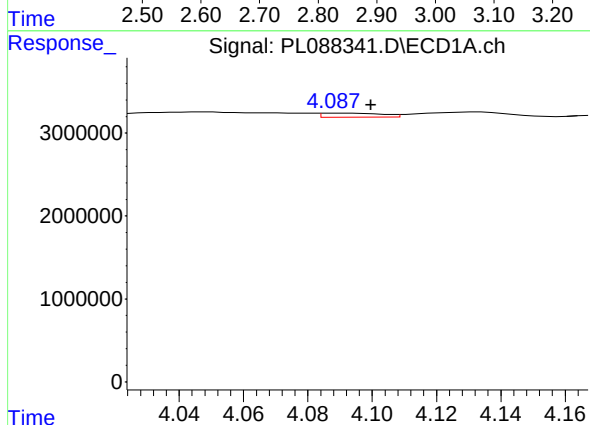
R.T.: 3.635 min  
Delta R.T.: 0.000 min  
Response: 38561180  
Conc: 14.04 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
OK-02-022724



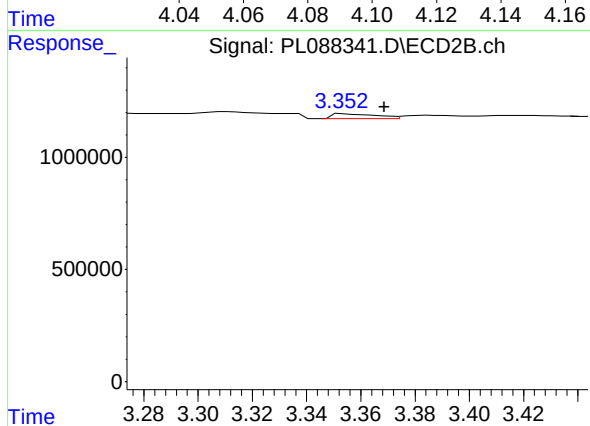
#1 Tetrachloro-m-xylene

R.T.: 2.854 min  
Delta R.T.: 0.000 min  
Response: 24155665  
Conc: 17.22 ng/ml



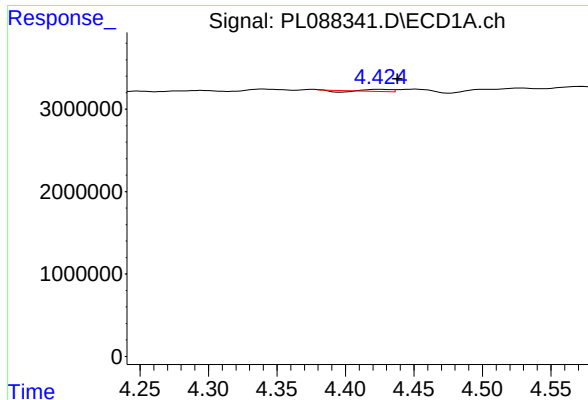
#2 alpha-BHC

R.T.: 4.090 min  
Delta R.T.: -0.009 min  
Response: 620986  
Conc: 0.15 ng/ml



#2 alpha-BHC

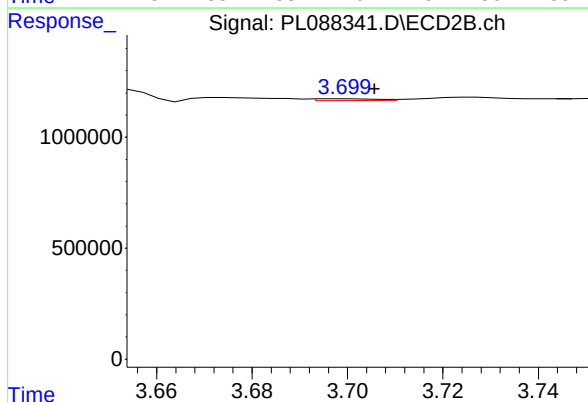
R.T.: 3.354 min  
Delta R.T.: -0.015 min  
Response: 249996  
Conc: 0.12 ng/ml



#3 gamma-BHC (Lindane)

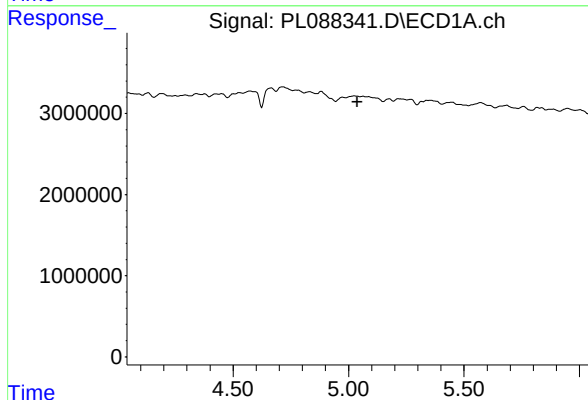
R.T.: 4.425 min  
Delta R.T.: -0.013 min  
Response: 194157  
Conc: 0.05 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
OK-02-022724



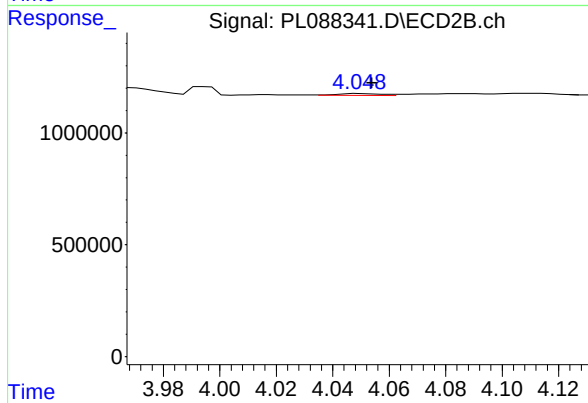
#3 gamma-BHC (Lindane)

R.T.: 3.699 min  
Delta R.T.: -0.006 min  
Response: 65092  
Conc: 0.03 ng/ml



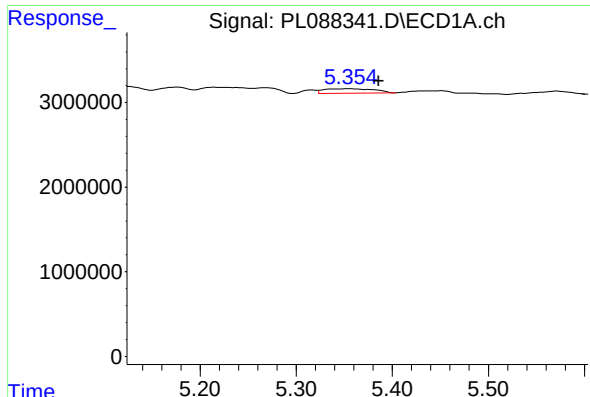
#4 Heptachlor

R.T.: 0.000 min  
Exp R.T.: 5.038 min  
Response: 0  
Conc: N.D.



#4 Heptachlor

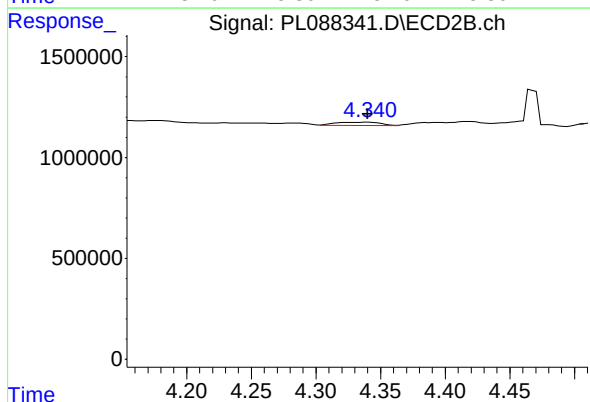
R.T.: 4.050 min  
Delta R.T.: -0.004 min  
Response: 89449  
Conc: 0.05 ng/ml



#5 Aldrin

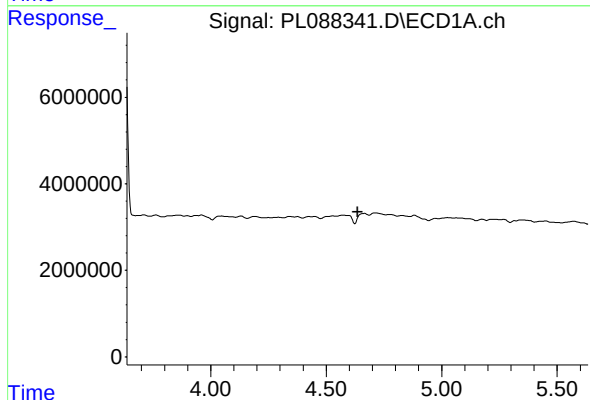
R.T.: 5.356 min  
Delta R.T.: -0.030 min  
Response: 1895579  
Conc: 0.50 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
OK-02-022724



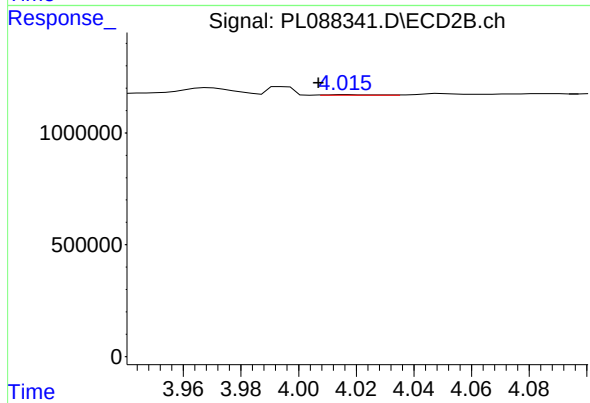
#5 Aldrin

R.T.: 4.340 min  
Delta R.T.: 0.000 min  
Response: 390103  
Conc: 0.20 ng/ml



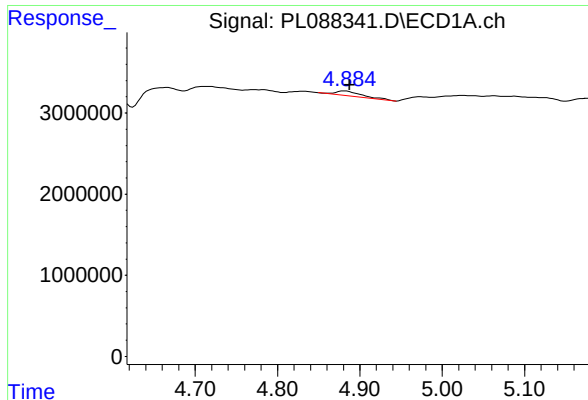
#6 beta-BHC

R.T.: 0.000 min  
Exp R.T.: 4.635 min  
Response: 0  
Conc: N.D.



#6 beta-BHC

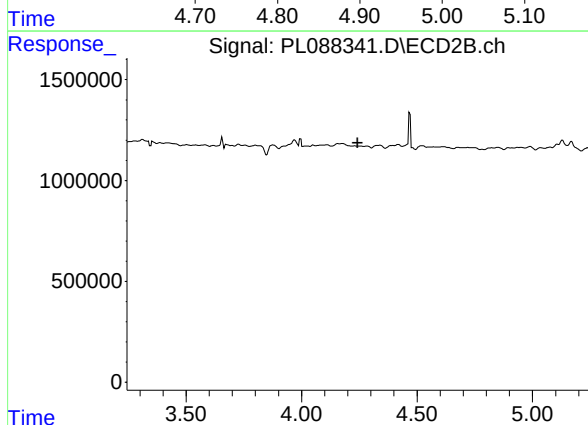
R.T.: 4.017 min  
Delta R.T.: 0.010 min  
Response: 29505  
Conc: 0.03 ng/ml



#7 delta-BHC

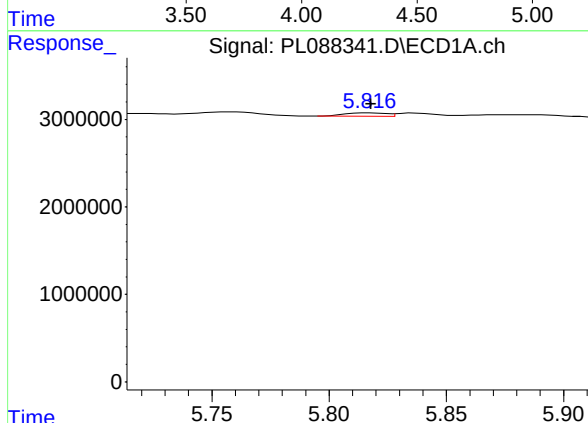
R.T.: 4.882 min  
Delta R.T.: -0.005 min  
Response: 1310145  
Conc: 0.34 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
OK-02-022724



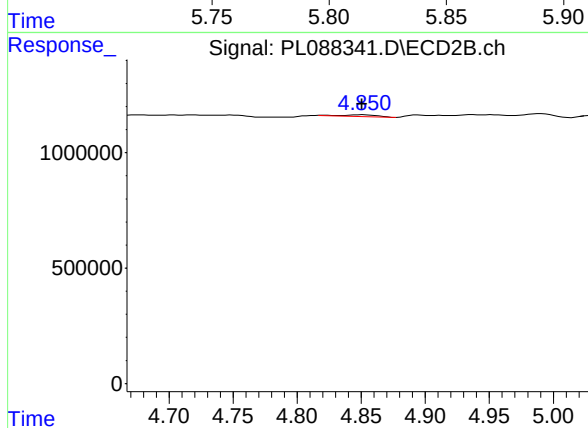
#7 delta-BHC

R.T.: 0.000 min  
Exp R.T.: 4.242 min  
Response: 0  
Conc: N.D.



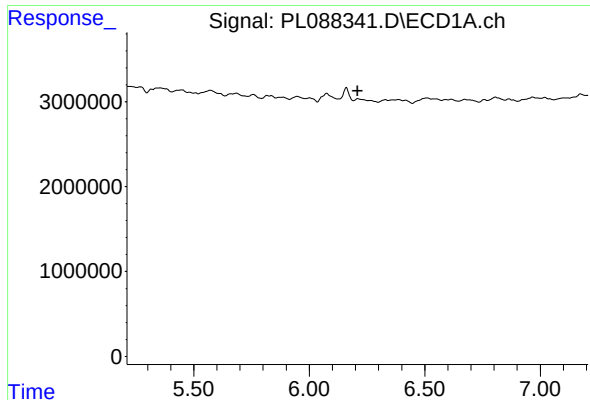
#8 Heptachlor epoxide

R.T.: 5.817 min  
Delta R.T.: 0.000 min  
Response: 463481  
Conc: 0.13 ng/ml



#8 Heptachlor epoxide

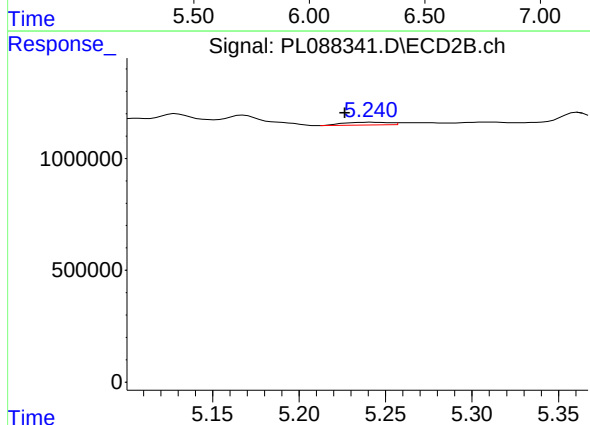
R.T.: 4.851 min  
Delta R.T.: 0.000 min  
Response: 140242  
Conc: 0.08 ng/ml



#9 Endosulfan I

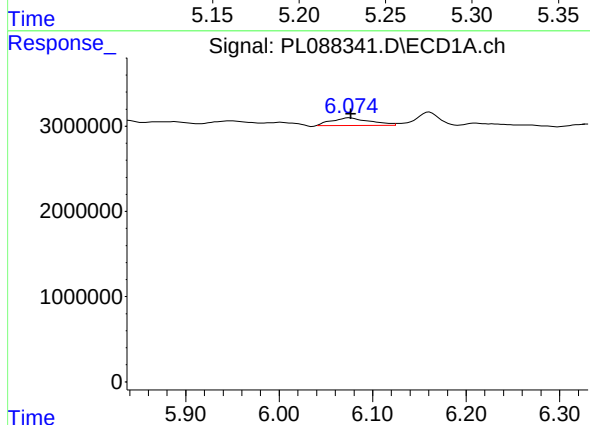
R.T.: 0.000 min  
Exp R.T.: 6.209 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :  
OK-02-022724



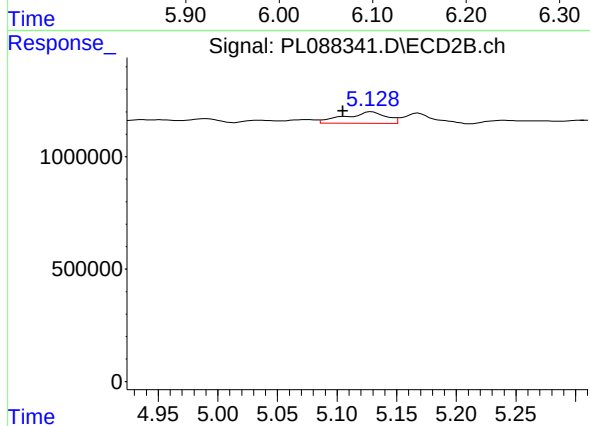
#9 Endosulfan I

R.T.: 5.241 min  
Delta R.T.: 0.015 min  
Response: 221415  
Conc: 0.14 ng/ml



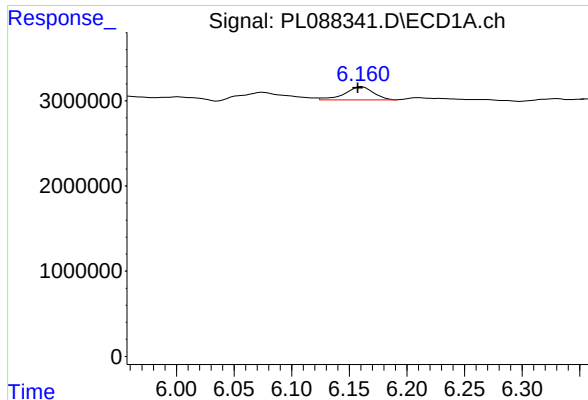
#10 gamma-Chlordane

R.T.: 6.075 min  
Delta R.T.: -0.001 min  
Response: 2574170  
Conc: 0.76 ng/ml



#10 gamma-Chlordane

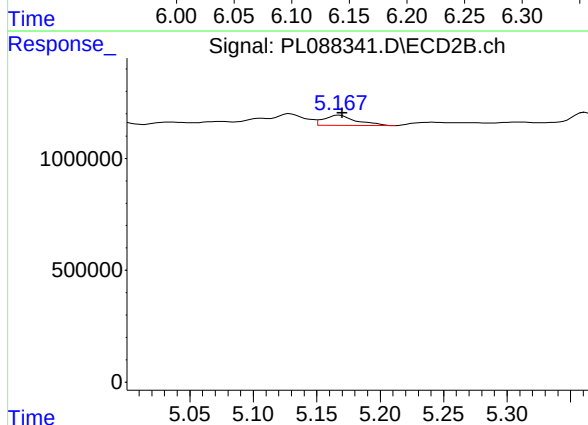
R.T.: 5.129 min  
Delta R.T.: 0.024 min  
Response: 1243180  
Conc: 0.70 ng/ml



#11 alpha-Chlordane

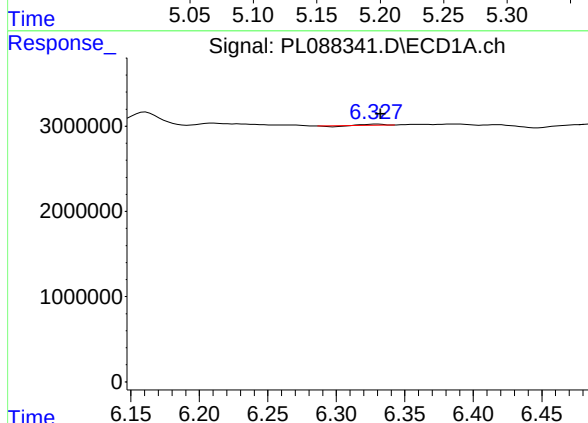
R.T.: 6.161 min  
Delta R.T.: 0.003 min  
Response: 2662456  
Conc: 0.78 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
OK-02-022724



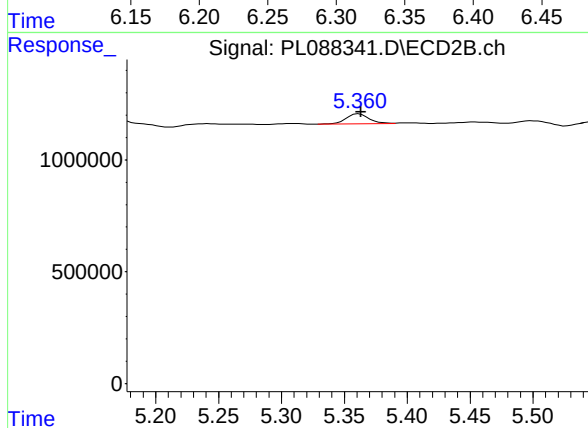
#11 alpha-Chlordane

R.T.: 5.168 min  
Delta R.T.: -0.002 min  
Response: 817334  
Conc: 0.46 ng/ml



#12 4,4'-DDE

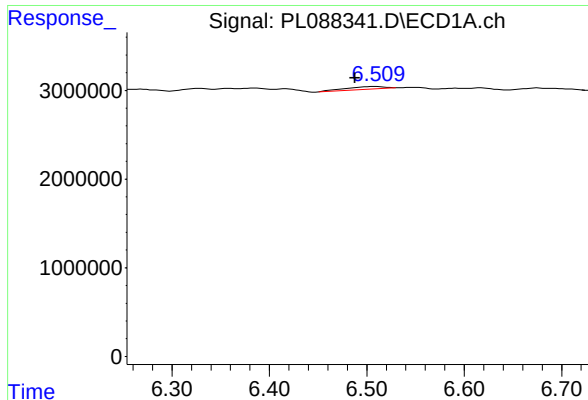
R.T.: 6.330 min  
Delta R.T.: -0.003 min  
Response: 24373  
Conc: 0.01 ng/ml



#12 4,4'-DDE

R.T.: 5.362 min  
Delta R.T.: -0.002 min  
Response: 559540  
Conc: 0.35 ng/ml

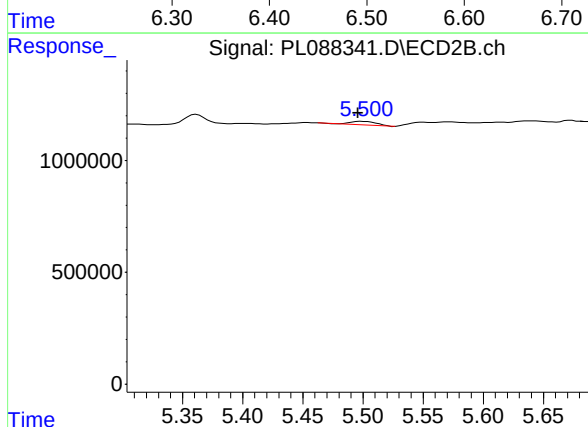




#13 Dieldrin

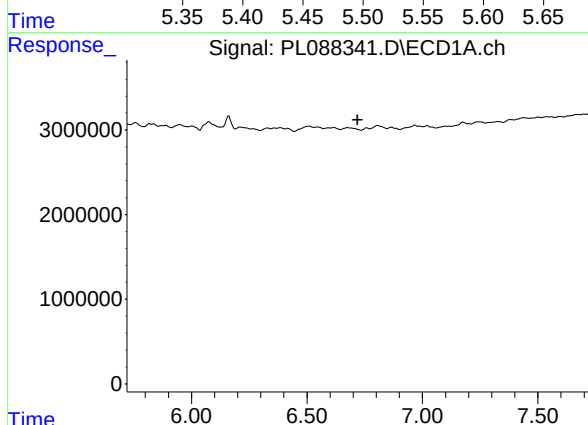
R.T.: 6.510 min  
Delta R.T.: 0.023 min  
Response: 932050  
Conc: 0.28 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
OK-02-022724



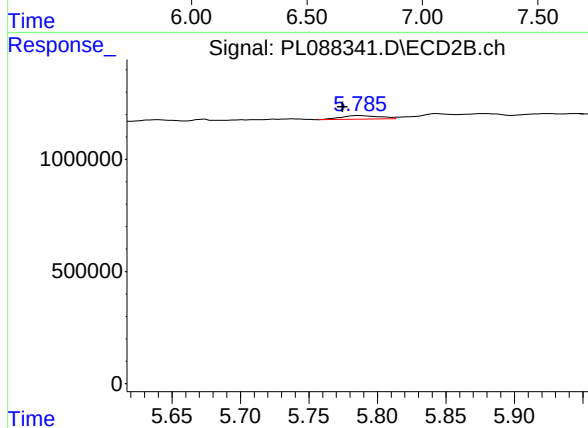
#13 Dieldrin

R.T.: 5.500 min  
Delta R.T.: 0.003 min  
Response: 243748  
Conc: 0.14 ng/ml



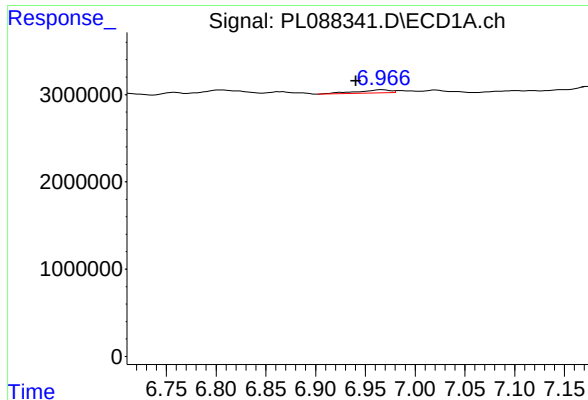
#14 Endrin

R.T.: 0.000 min  
Exp R.T.: 6.720 min  
Response: 0  
Conc: N.D.



#14 Endrin

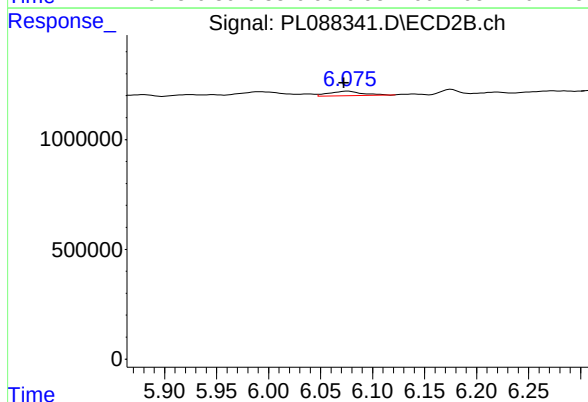
R.T.: 5.787 min  
Delta R.T.: 0.012 min  
Response: 300999  
Conc: 0.20 ng/ml



#15 Endosulfan II

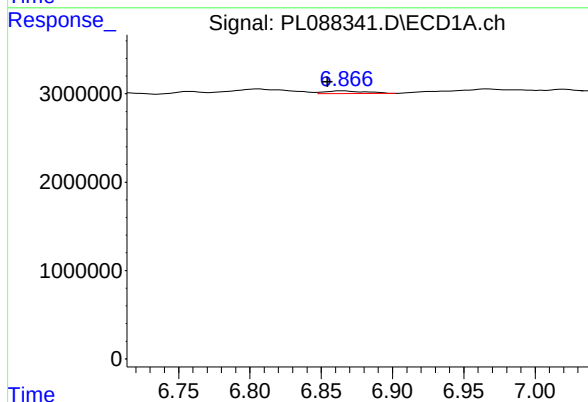
R.T.: 6.967 min  
Delta R.T.: 0.027 min  
Response: 899818  
Conc: 0.31 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
OK-02-022724



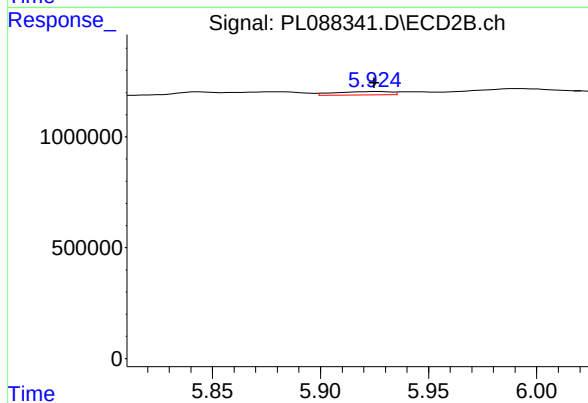
#15 Endosulfan II

R.T.: 6.076 min  
Delta R.T.: 0.003 min  
Response: 456616  
Conc: 0.30 ng/ml



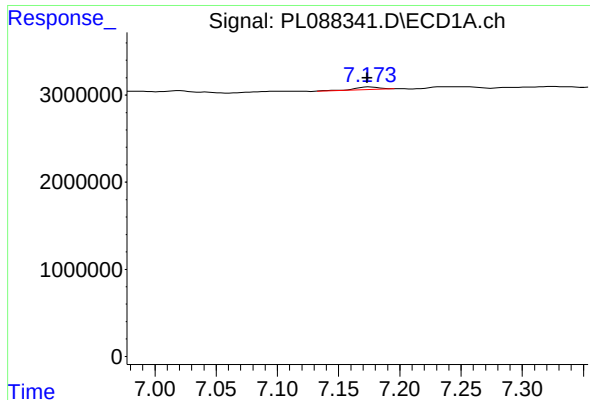
#16 4,4'-DDD

R.T.: 6.867 min  
Delta R.T.: 0.012 min  
Response: 598249  
Conc: 0.23 ng/ml



#16 4,4'-DDD

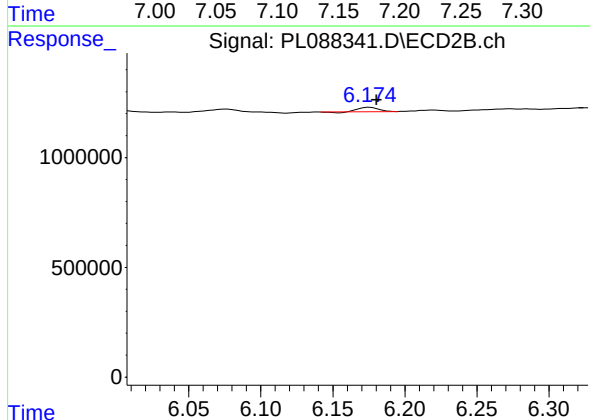
R.T.: 5.926 min  
Delta R.T.: 0.000 min  
Response: 278448  
Conc: 0.20 ng/ml



#17 4,4'-DDT

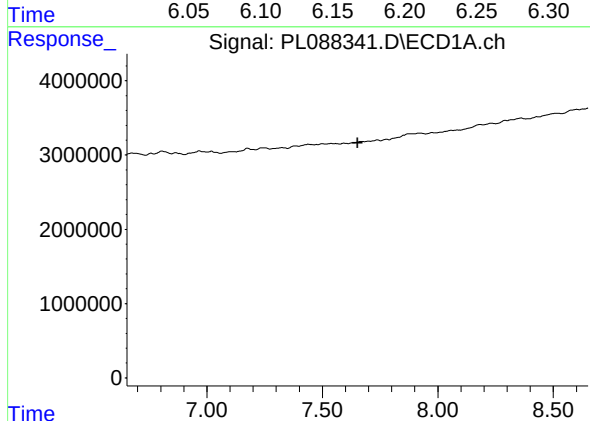
R.T.: 7.175 min  
Delta R.T.: 0.001 min  
Response: 413452  
Conc: 0.16 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
OK-02-022724



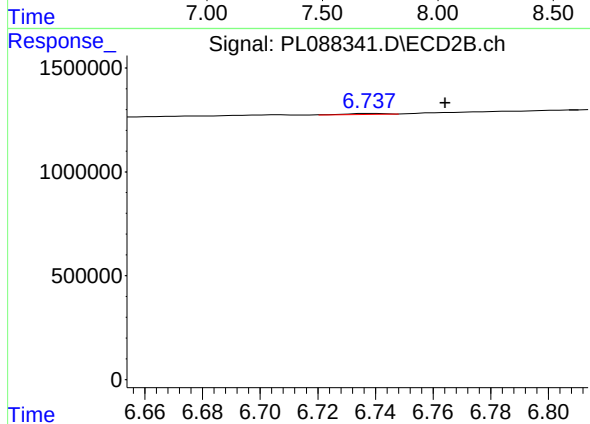
#17 4,4'-DDT

R.T.: 6.175 min  
Delta R.T.: -0.005 min  
Response: 181451  
Conc: 0.13 ng/ml



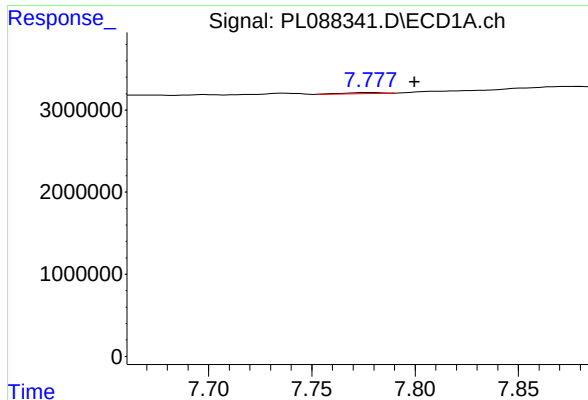
#20 Methoxychlor

R.T.: 0.000 min  
Exp R.T.: 7.653 min  
Response: 0  
Conc: N.D.



#20 Methoxychlor

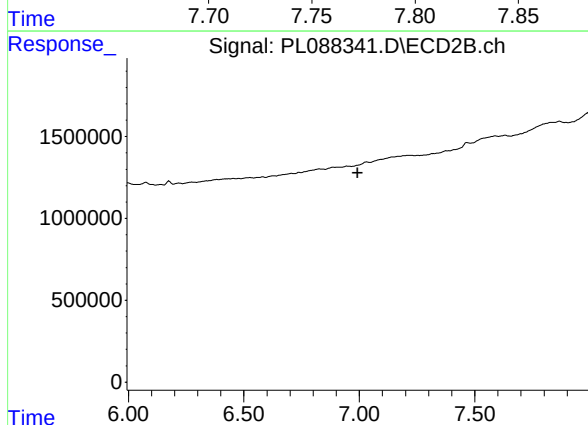
R.T.: 6.739 min  
Delta R.T.: -0.026 min  
Response: 30357  
Conc: 0.04 ng/ml



#21 Endrin ketone

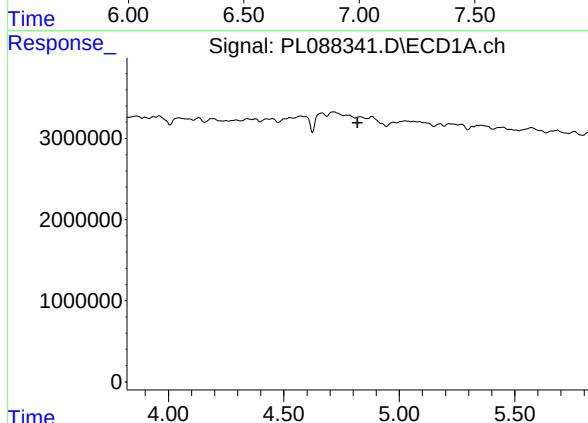
R.T.: 7.779 min  
Delta R.T.: -0.021 min  
Response: 178414  
Conc: 0.06 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
OK-02-022724



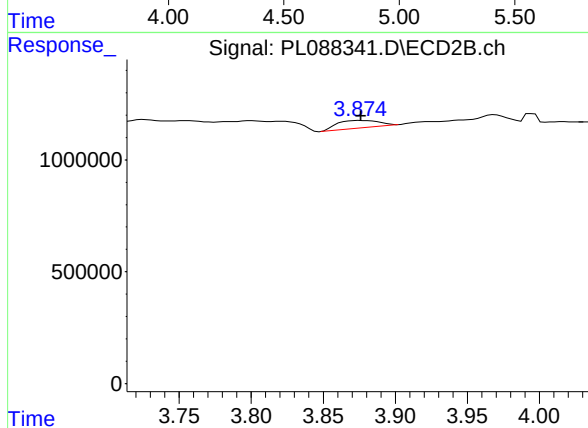
#21 Endrin ketone

R.T.: 0.000 min  
Exp R.T.: 6.994 min  
Response: 0  
Conc: N.D.



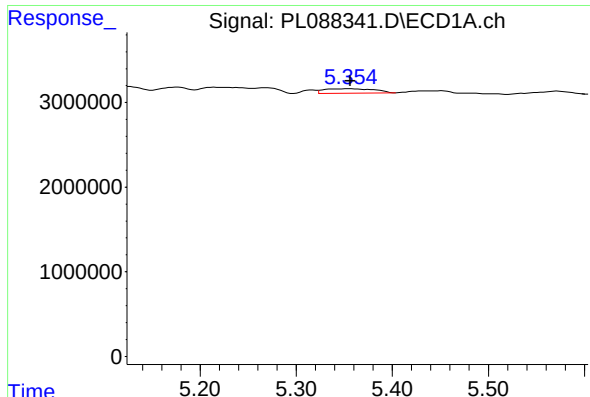
#23 Chlordane-1

R.T.: 0.000 min  
Exp R.T.: 4.820 min  
Response: 0  
Conc: N.D.



#23 Chlordane-1

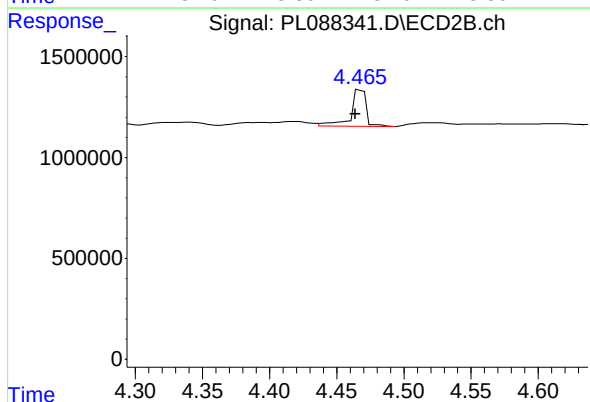
R.T.: 3.876 min  
Delta R.T.: 0.000 min  
Response: 680196  
Conc: 13.21 ng/ml



#24 Chlordane-2

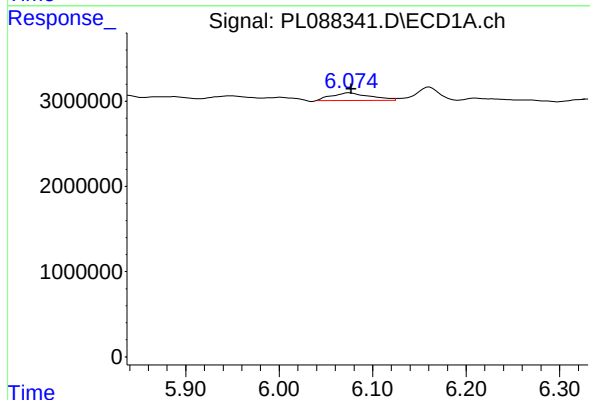
R.T.: 5.356 min  
Delta R.T.: 0.000 min  
Response: 1895579  
Conc: 14.12 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
OK-02-022724



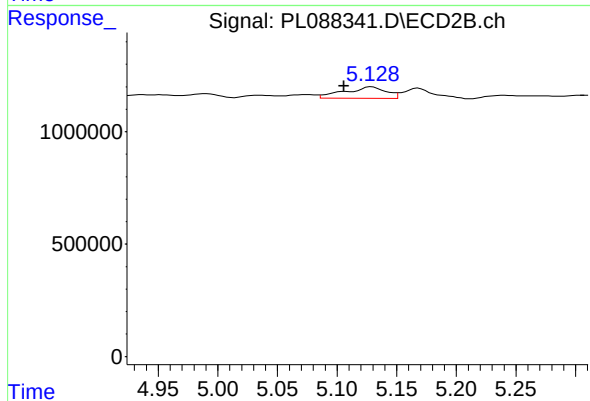
#24 Chlordane-2

R.T.: 4.468 min  
Delta R.T.: 0.004 min  
Response: 1452902  
Conc: 22.87 ng/ml



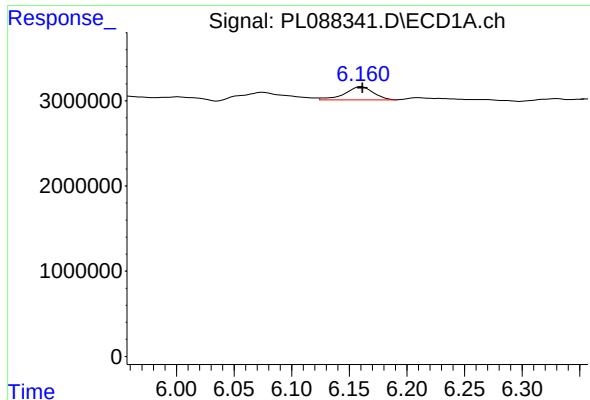
#25 Chlordane-3

R.T.: 6.075 min  
Delta R.T.: -0.002 min  
Response: 2574170  
Conc: 5.10 ng/ml



#25 Chlordane-3

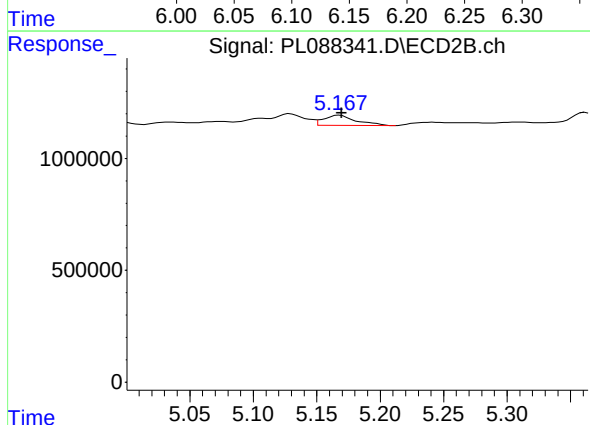
R.T.: 5.129 min  
Delta R.T.: 0.023 min  
Response: 1243180  
Conc: 6.68 ng/ml



#26 Chlordane-4

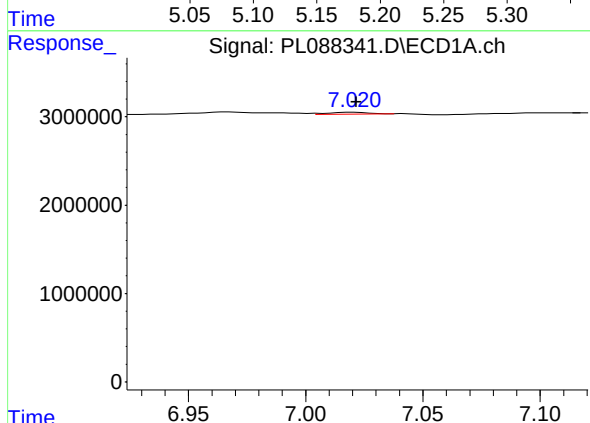
R.T.: 6.161 min  
Delta R.T.: 0.000 min  
Response: 2662456  
Conc: 4.34 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
OK-02-022724



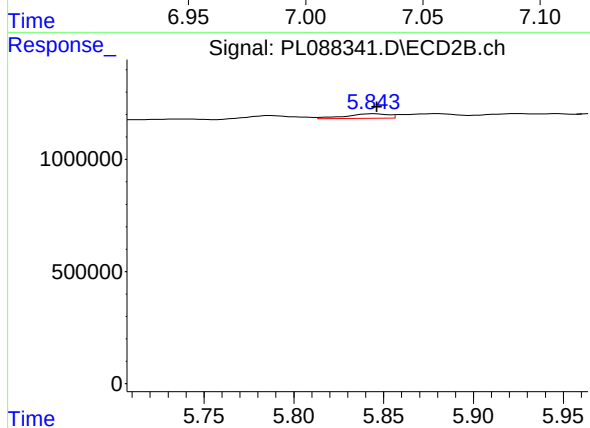
#26 Chlordane-4

R.T.: 5.168 min  
Delta R.T.: -0.002 min  
Response: 817334  
Conc: 4.73 ng/ml



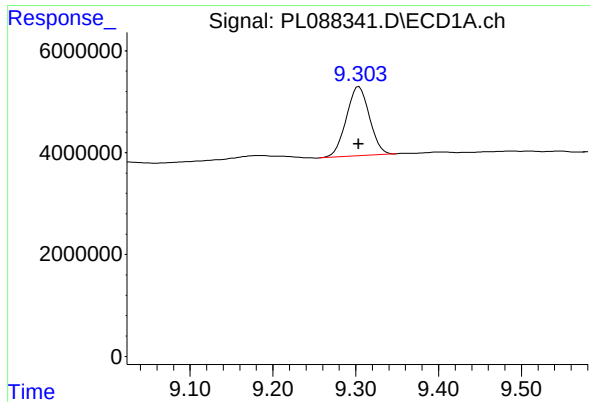
#27 Chlordane-5

R.T.: 7.021 min  
Delta R.T.: 0.000 min  
Response: 250293  
Conc: 2.47 ng/ml



#27 Chlordane-5

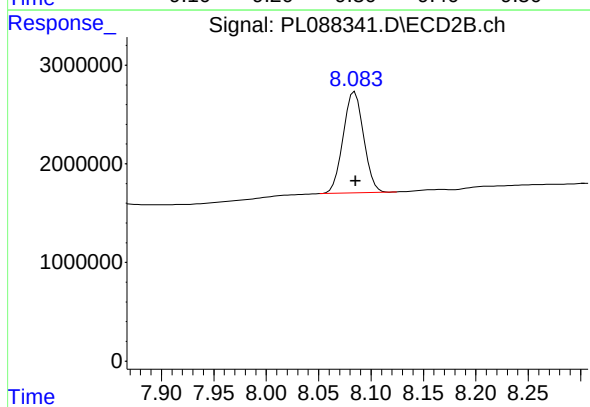
R.T.: 5.844 min  
Delta R.T.: -0.002 min  
Response: 337455  
Conc: 6.38 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.304 min  
Delta R.T.: 0.000 min  
Response: 26477773  
Conc: 13.75 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
OK-02-022724



#28 Decachlorobiphenyl

R.T.: 8.084 min  
Delta R.T.: 0.000 min  
Response: 13998257  
Conc: 10.99 ng/ml