

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL122721\  
 Data File : PL071681.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 28 Dec 2021 02:08  
 Operator : AR\AJ  
 Sample : M5238-01  
 Misc :  
 ALS Vial : 28 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 OK-02-122321

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Dec 28 02:46:54 2021  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL122721.M  
 Quant Title : GC Extractables  
 QLast Update : Mon Dec 27 14:06:28 2021  
 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... | 4.560  | 5.497   | 8609986  | 22277157 | 13.271 | 13.055   |
| 28)                         | SA Decachlor... | 10.322 | 11.390  | 10545329 | 18274070 | 14.165 | 14.581   |
| Target Compounds            |                 |        |         |          |          |        |          |
| 4)                          | MA Heptachlor   | 6.096  | 7.120   | 1906155  | 3731281  | 1.983  | 1.615    |
| 5)                          | MB Aldrin       | 6.418  | 7.469f  | 271150   | 6183067  | 0.304  | 2.806 #  |
| 6)                          | B beta-BHC      | 6.096f | 6.726   | 1906155  | 472269   | 5.016  | 0.459 #  |
| 8)                          | B Heptachlo...  | 0.000  | 7.979f  | 0        | 2499990  | N.D.   | 1.271 #  |
| 9)                          | A Endosulfan I  | 0.000  | 8.366   | 0        | 240735   | N.D.   | 0.141 #  |
| 10)                         | B gamma-Chl...  | 7.274  | 8.228   | 2771368  | 8876009  | 3.235  | 4.550 #  |
| 11)                         | B alpha-Chl...  | 7.342  | 8.310   | 5163051  | 18257375 | 6.079  | 9.796 #  |
| 12)                         | B 4,4'-DDE      | 7.558  | 8.495   | 1825653  | 3130150  | 2.450  | 1.769 #  |
| 13)                         | MA Dieldrin     | 7.696  | 8.649   | 390509   | 181187   | 0.474  | 0.098 #  |
| 14)                         | MA Endrin       | 7.997f | 8.891   | 432935   | 24951    | 0.582  | 0.017 #  |
| 15)                         | B Endosulfa...  | 8.291  | 9.108f  | 1594206  | 219993   | 2.216  | 0.148 #  |
| 16)                         | A 4,4'-DDD      | 0.000  | 9.037   | 0        | 1411230  | N.D.   | 1.087 #  |
| 17)                         | MA 4,4'-DDT     | 8.403  | 9.354   | 1402951  | 2182596  | 2.176  | 1.599 #  |
| 18)                         | B Endrin al...  | 0.000  | 9.278   | 0        | 223016   | N.D.   | 0.193 #  |
| 19)                         | B Endosulfa...  | 8.709  | 9.500   | 54271    | 33029    | 0.073  | 0.023 #  |
| 20)                         | A Methoxychlor  | 8.973f | 0.000   | 196749   | 0        | 0.528  | N.D. #   |
| 22)                         | Mirex           | 0.000  | 10.485f | 0        | 291593   | N.D.   | 0.268 #  |
| 23)                         | Chlordane-1     | 5.885  | 6.879   | 1579063  | 2632028  | 63.804 | 39.095 # |
| 24)                         | Chlordane-2     | 6.576  | 7.469   | 2906924  | 6183067  | 89.334 | 83.913   |
| 25)                         | Chlordane-3     | 7.274  | 8.228   | 2771368  | 8876009  | 32.132 | 32.121   |
| 26)                         | Chlordane-4     | 7.342  | 8.310   | 5163051  | 18257375 | 55.943 | 56.283   |
| 27)                         | Chlordane-5     | 8.291  | 9.196   | 1594206  | 3147163  | 52.570 | 58.012   |
| -----                       |                 |        |         |          |          |        |          |

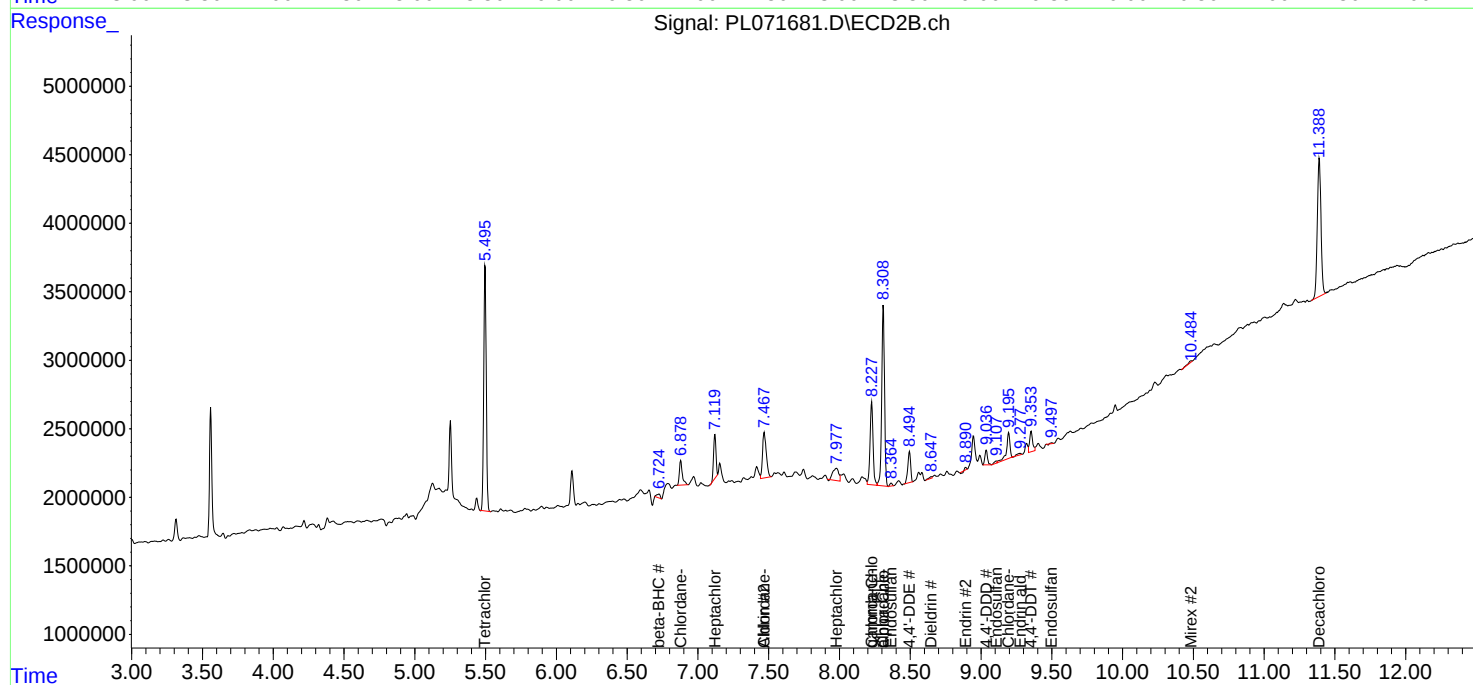
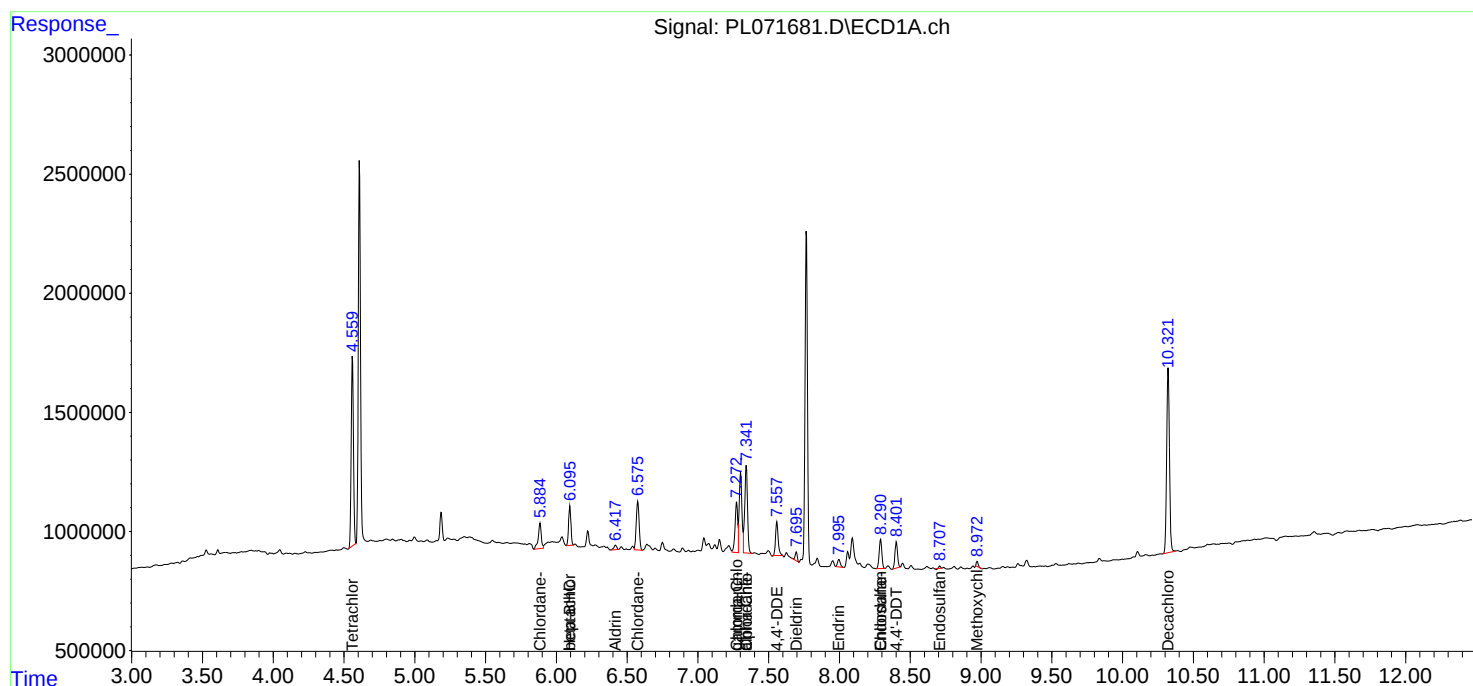
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

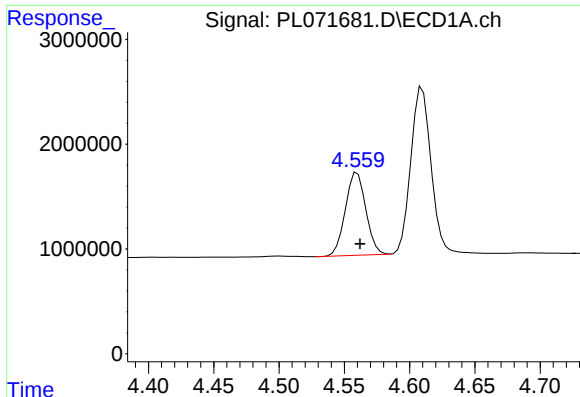
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL122721\  
Data File : PL071681.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 28 Dec 2021 02:08  
Operator : AR\AJ  
Sample : M5238-01  
Misc :  
ALS Vial : 28 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :  
OK-02-122321

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Dec 28 02:46:54 2021  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL122721.M  
Quant Title : GC Extractables  
QLast Update : Mon Dec 27 14:06:28 2021  
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

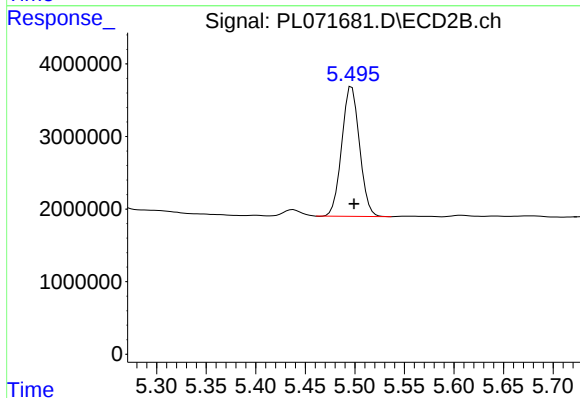




#1 Tetrachloro-m-xylene

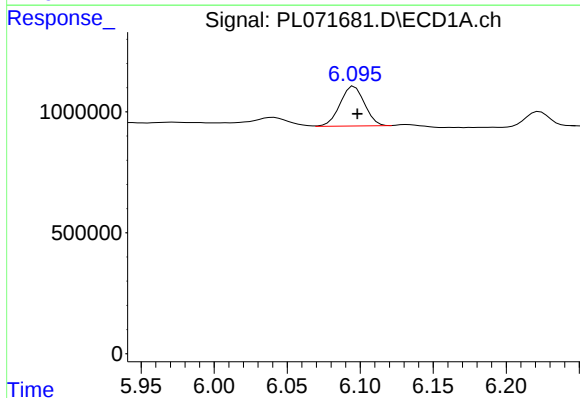
R.T.: 4.560 min  
Delta R.T.: -0.002 min  
Response: 8609986  
Conc: 13.27 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
OK-02-122321



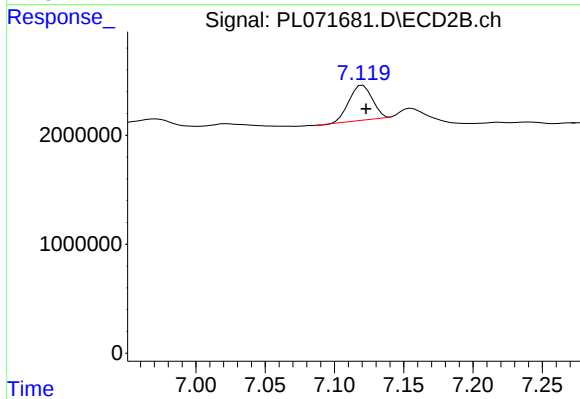
#1 Tetrachloro-m-xylene

R.T.: 5.497 min  
Delta R.T.: -0.002 min  
Response: 22277157  
Conc: 13.05 ng/ml



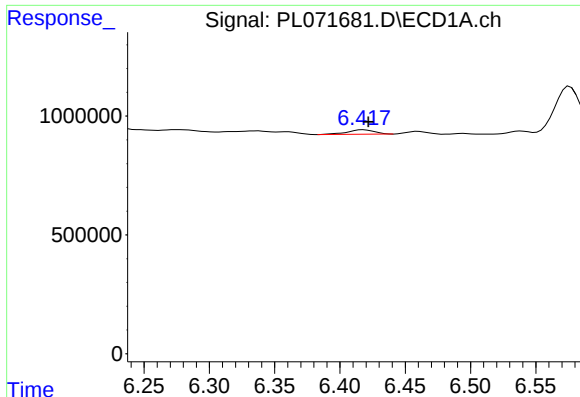
#4 Heptachlor

R.T.: 6.096 min  
Delta R.T.: -0.002 min  
Response: 1906155  
Conc: 1.98 ng/ml



#4 Heptachlor

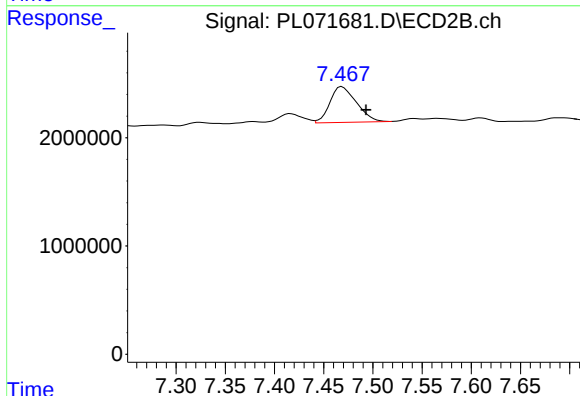
R.T.: 7.120 min  
Delta R.T.: -0.002 min  
Response: 3731281  
Conc: 1.61 ng/ml



#5 Aldrin

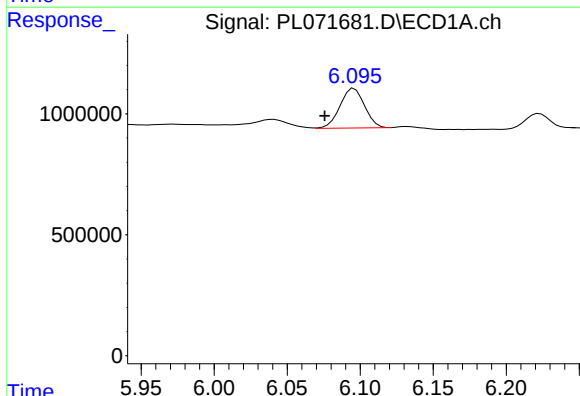
R.T.: 6.418 min  
Delta R.T.: -0.004 min  
Response: 271150  
Conc: 0.30 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
OK-02-122321



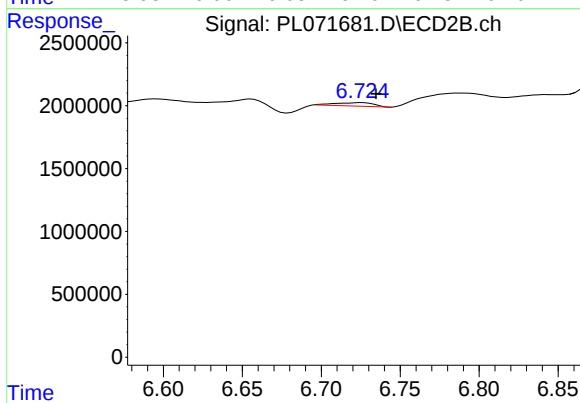
#5 Aldrin

R.T.: 7.469 min  
Delta R.T.: -0.024 min  
Response: 6183067  
Conc: 2.81 ng/ml



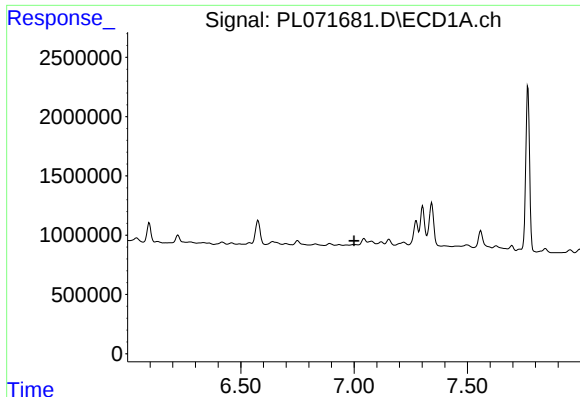
#6 beta-BHC

R.T.: 6.096 min  
Delta R.T.: 0.020 min  
Response: 1906155  
Conc: 5.02 ng/ml



#6 beta-BHC

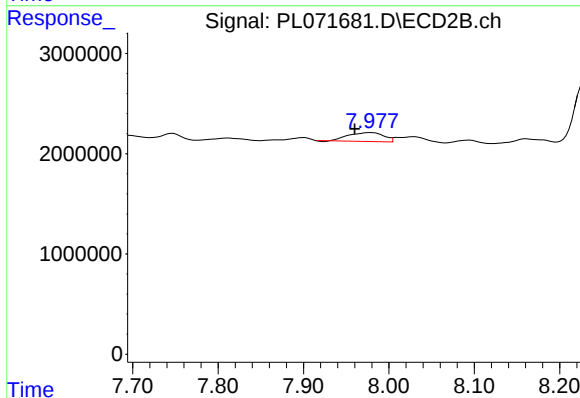
R.T.: 6.726 min  
Delta R.T.: -0.009 min  
Response: 472269  
Conc: 0.46 ng/ml



#8 Heptachlor epoxide

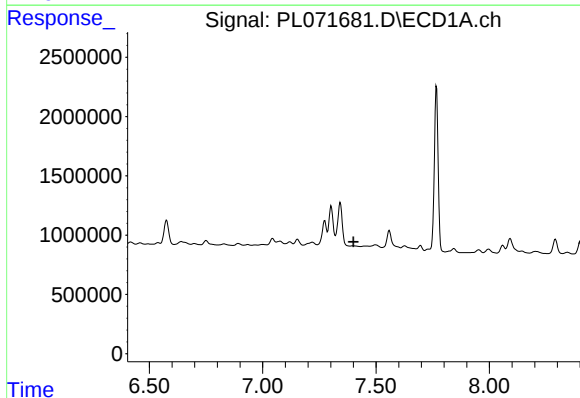
R.T.: 0.000 min  
Exp R.T.: 6.999 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :  
OK-02-122321



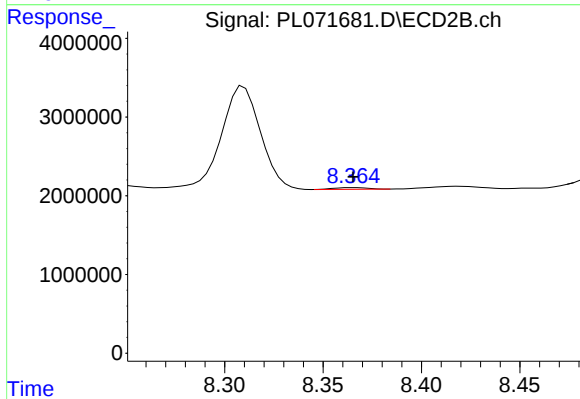
#8 Heptachlor epoxide

R.T.: 7.979 min  
Delta R.T.: 0.019 min  
Response: 2499990  
Conc: 1.27 ng/ml



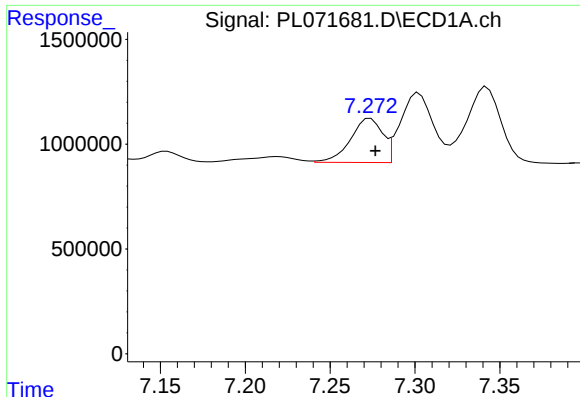
#9 Endosulfan I

R.T.: 0.000 min  
Exp R.T.: 7.401 min  
Response: 0  
Conc: N.D.



#9 Endosulfan I

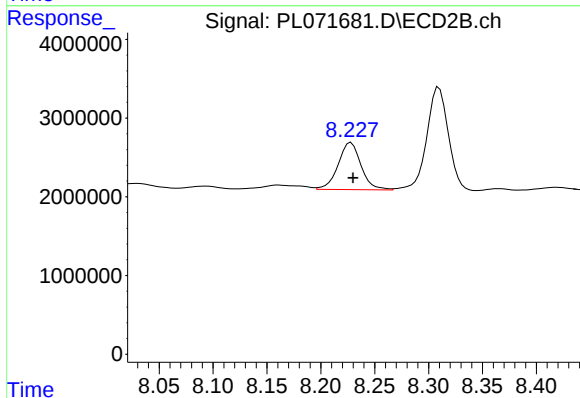
R.T.: 8.366 min  
Delta R.T.: 0.000 min  
Response: 240735  
Conc: 0.14 ng/ml



#10 gamma-Chlordane

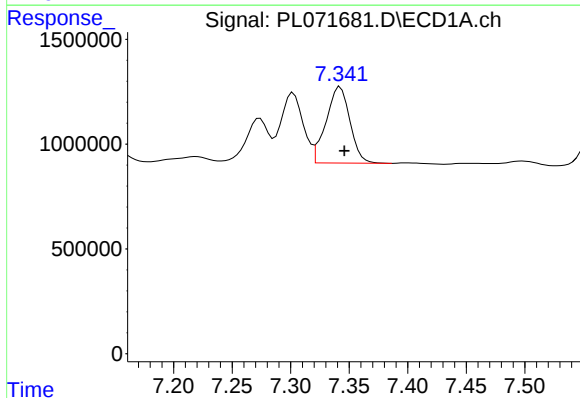
R.T.: 7.274 min  
Delta R.T.: -0.003 min  
Response: 2771368  
Conc: 3.24 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
OK-02-122321



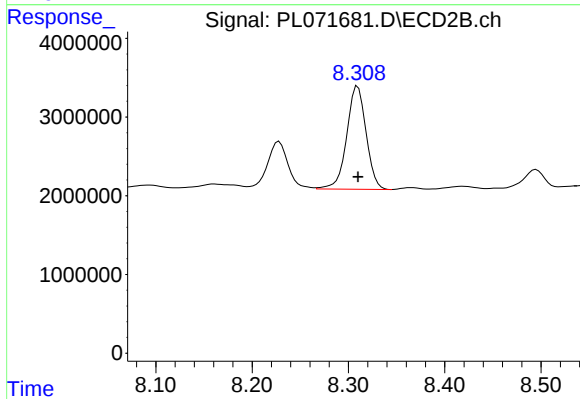
#10 gamma-Chlordane

R.T.: 8.228 min  
Delta R.T.: -0.002 min  
Response: 8876009  
Conc: 4.55 ng/ml



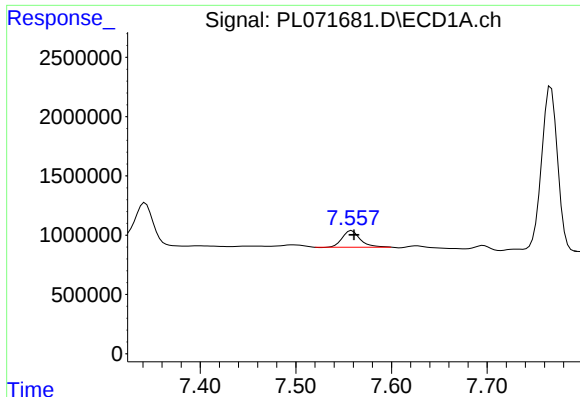
#11 alpha-Chlordane

R.T.: 7.342 min  
Delta R.T.: -0.003 min  
Response: 5163051  
Conc: 6.08 ng/ml



#11 alpha-Chlordane

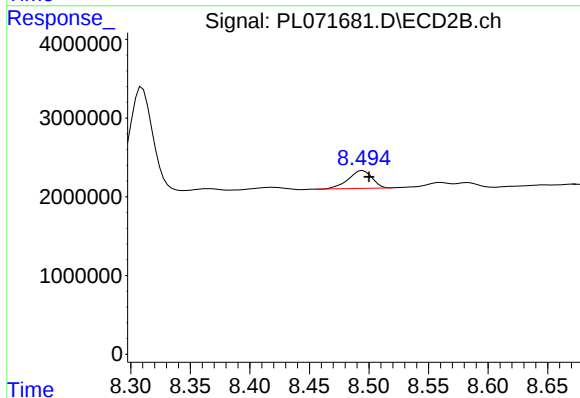
R.T.: 8.310 min  
Delta R.T.: 0.000 min  
Response: 18257375  
Conc: 9.80 ng/ml



#12 4,4'-DDE

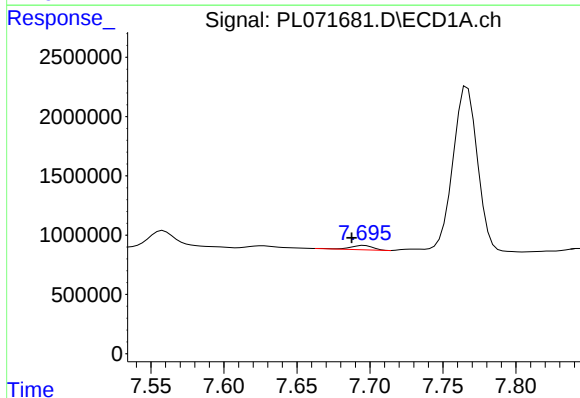
R.T.: 7.558 min  
Delta R.T.: -0.002 min  
Response: 1825653  
Conc: 2.45 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
OK-02-122321



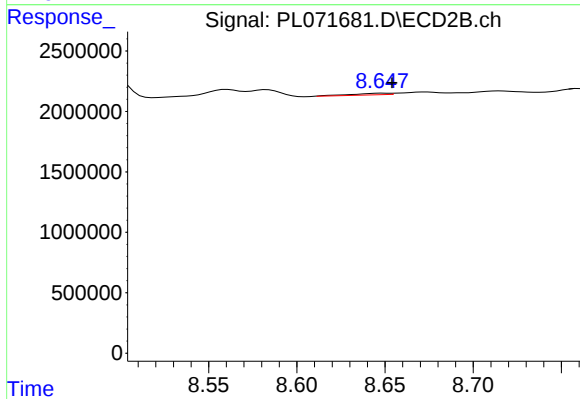
#12 4,4'-DDE

R.T.: 8.495 min  
Delta R.T.: -0.005 min  
Response: 3130150  
Conc: 1.77 ng/ml



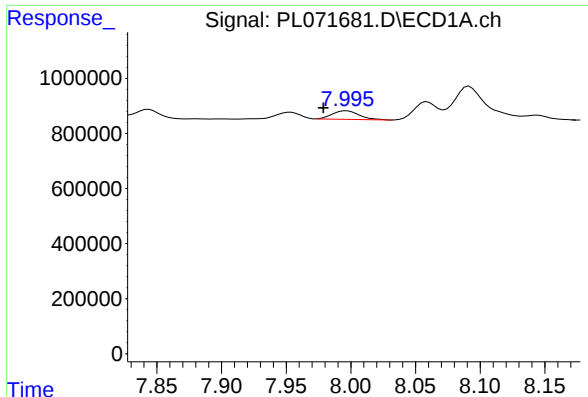
#13 Dieldrin

R.T.: 7.696 min  
Delta R.T.: 0.009 min  
Response: 390509  
Conc: 0.47 ng/ml



#13 Dieldrin

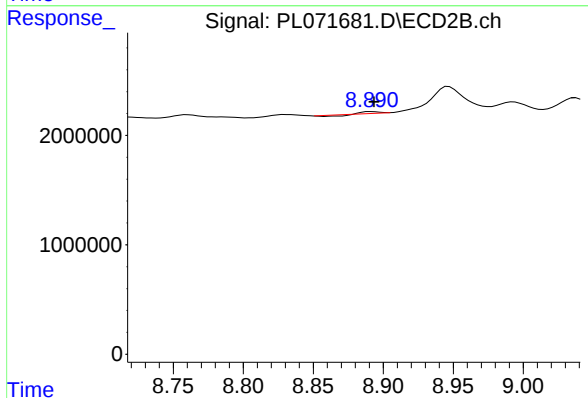
R.T.: 8.649 min  
Delta R.T.: -0.005 min  
Response: 181187  
Conc: 0.10 ng/ml



#14 Endrin

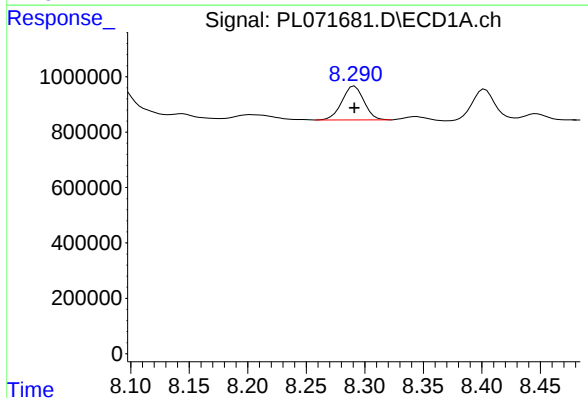
R.T.: 7.997 min  
Delta R.T.: 0.018 min  
Response: 432935  
Conc: 0.58 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
OK-02-122321



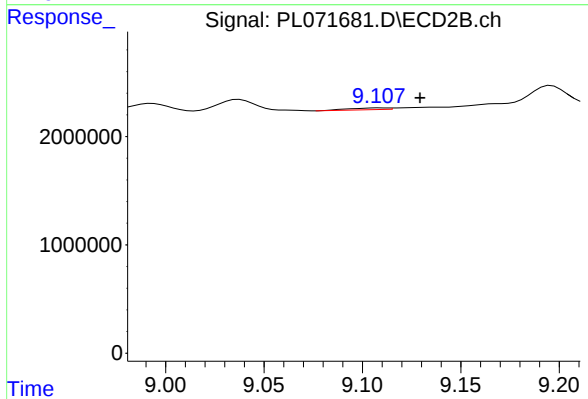
#14 Endrin

R.T.: 8.891 min  
Delta R.T.: -0.002 min  
Response: 24951  
Conc: 0.02 ng/ml



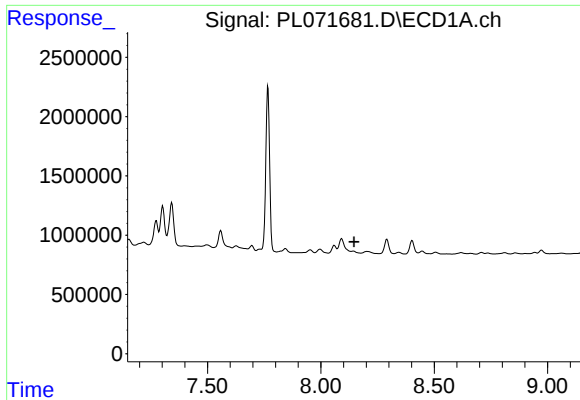
#15 Endosulfan II

R.T.: 8.291 min  
Delta R.T.: 0.000 min  
Response: 1594206  
Conc: 2.22 ng/ml



#15 Endosulfan II

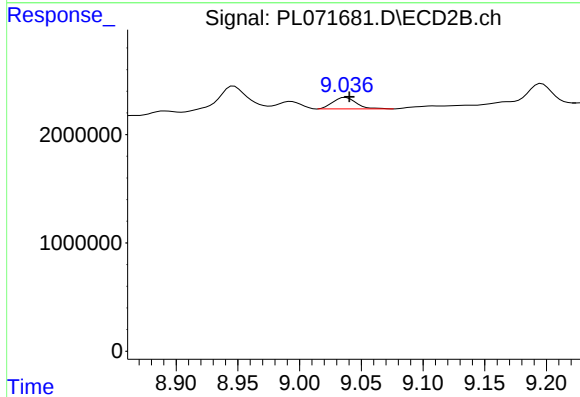
R.T.: 9.108 min  
Delta R.T.: -0.021 min  
Response: 219993  
Conc: 0.15 ng/ml



#16 4,4'-DDD

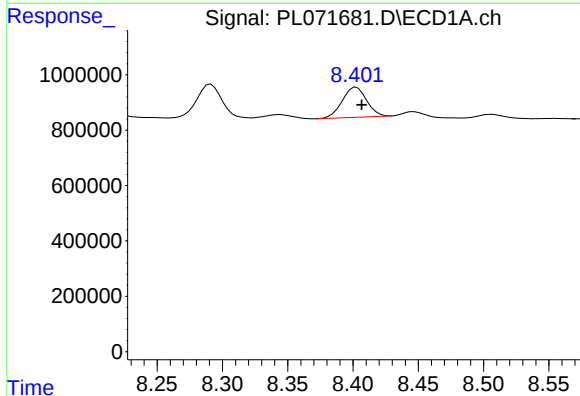
R.T.: 0.000 min  
Exp R.T.: 8.147 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :  
OK-02-122321



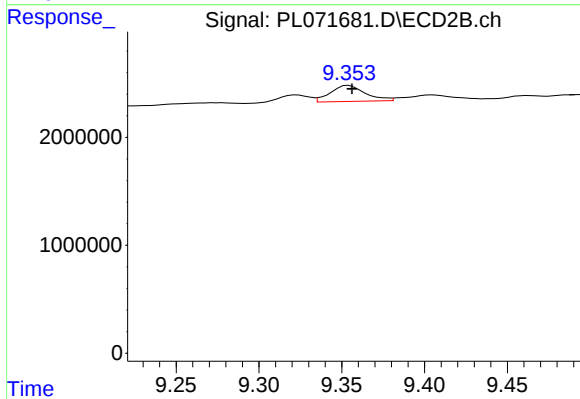
#16 4,4'-DDD

R.T.: 9.037 min  
Delta R.T.: -0.003 min  
Response: 1411230  
Conc: 1.09 ng/ml



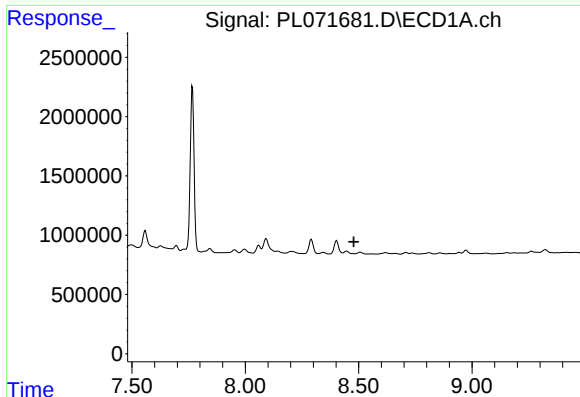
#17 4,4'-DDT

R.T.: 8.403 min  
Delta R.T.: -0.004 min  
Response: 1402951  
Conc: 2.18 ng/ml



#17 4,4'-DDT

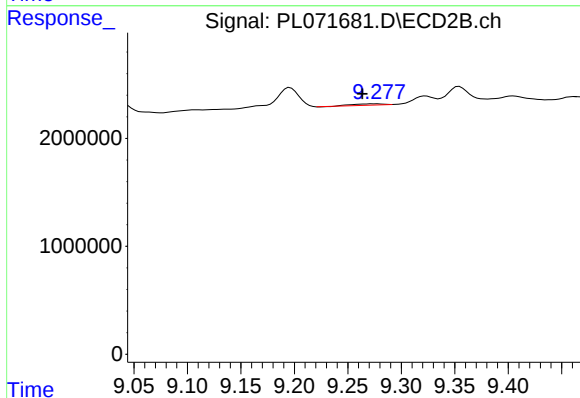
R.T.: 9.354 min  
Delta R.T.: -0.002 min  
Response: 2182596  
Conc: 1.60 ng/ml



#18 Endrin aldehyde

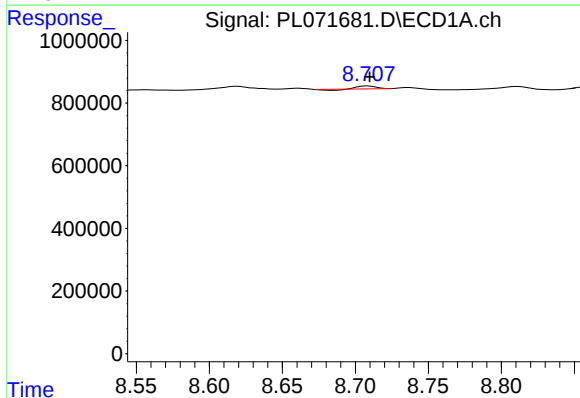
R.T.: 0.000 min  
Exp R.T.: 8.479 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :  
OK-02-122321



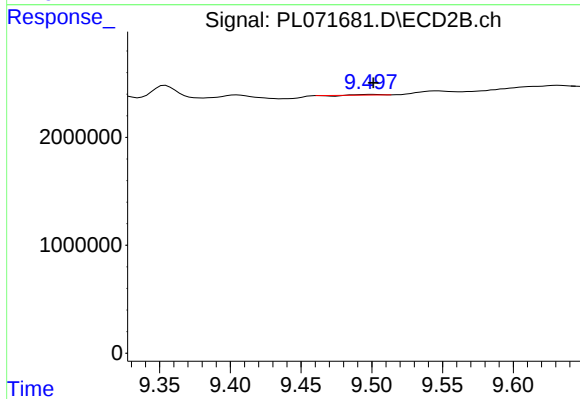
#18 Endrin aldehyde

R.T.: 9.278 min  
Delta R.T.: 0.015 min  
Response: 223016  
Conc: 0.19 ng/ml



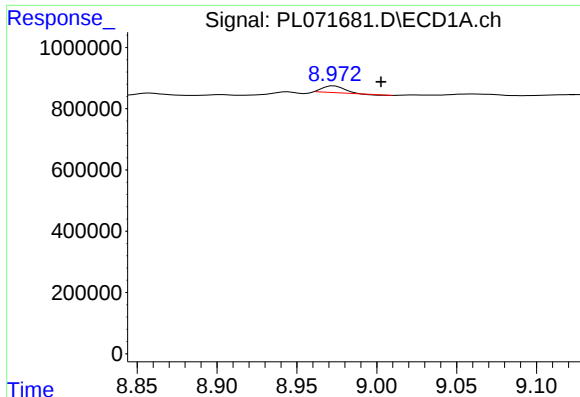
#19 Endosulfan Sulfate

R.T.: 8.709 min  
Delta R.T.: -0.001 min  
Response: 54271  
Conc: 0.07 ng/ml



#19 Endosulfan Sulfate

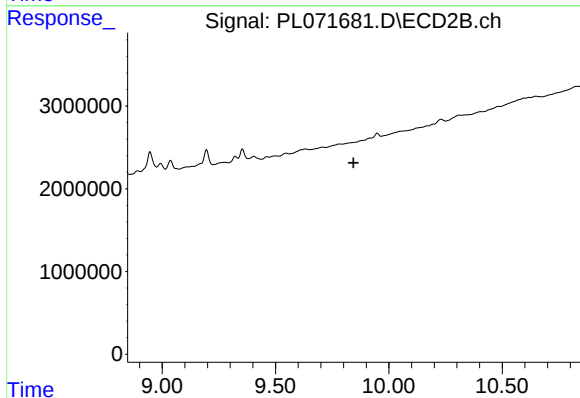
R.T.: 9.500 min  
Delta R.T.: -0.002 min  
Response: 33029  
Conc: 0.02 ng/ml



#20 Methoxychlor

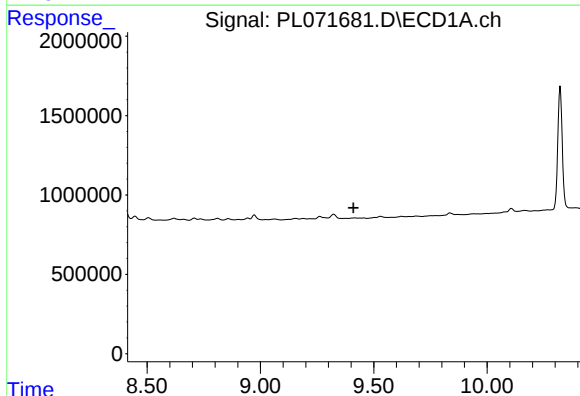
R.T.: 8.973 min  
Delta R.T.: -0.029 min  
Response: 196749  
Conc: 0.53 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
OK-02-122321



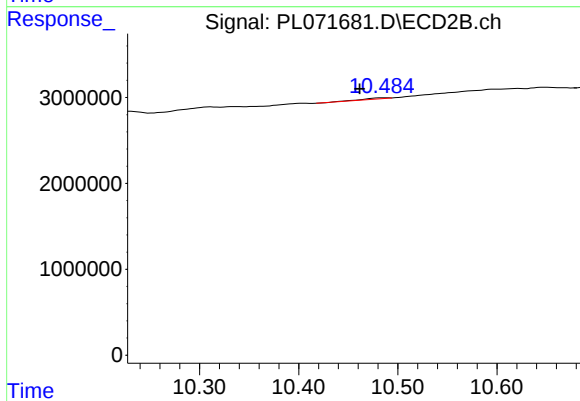
#20 Methoxychlor

R.T.: 0.000 min  
Exp R.T. : 9.844 min  
Response: 0  
Conc: N.D.



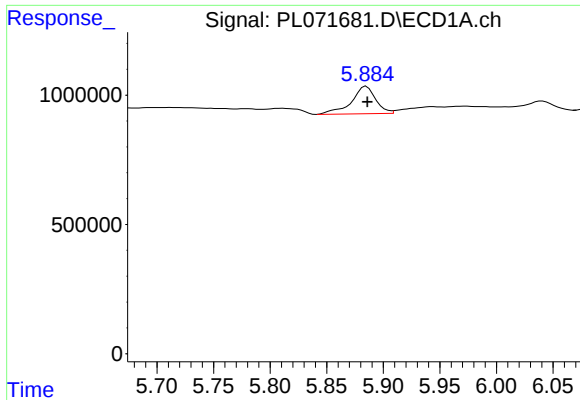
#22 Mirex

R.T.: 0.000 min  
Exp R.T. : 9.411 min  
Response: 0  
Conc: N.D.



#22 Mirex

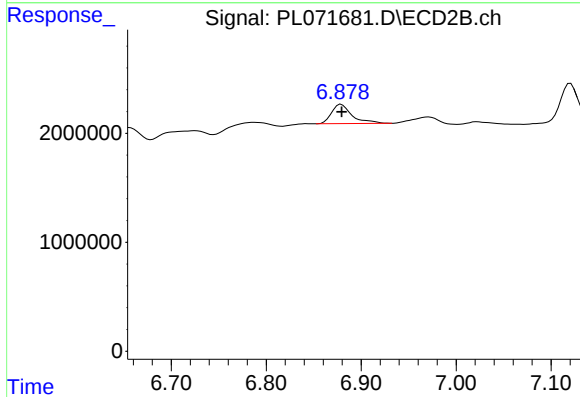
R.T.: 10.485 min  
Delta R.T.: 0.024 min  
Response: 291593  
Conc: 0.27 ng/ml



#23 Chlordane-1

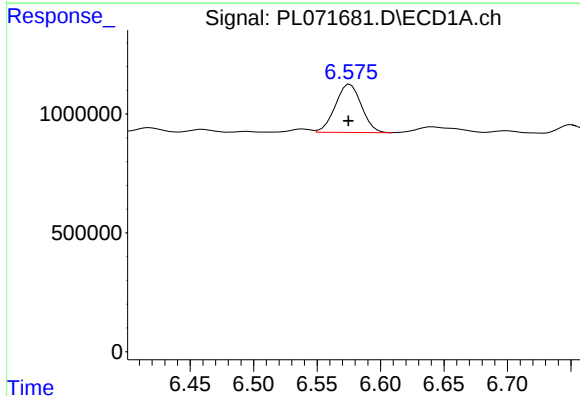
R.T.: 5.885 min  
Delta R.T.: 0.000 min  
Response: 1579063  
Conc: 63.80 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
OK-02-122321



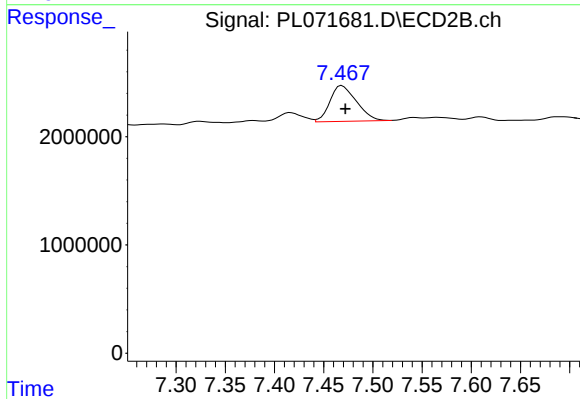
#23 Chlordane-1

R.T.: 6.879 min  
Delta R.T.: 0.000 min  
Response: 2632028  
Conc: 39.10 ng/ml



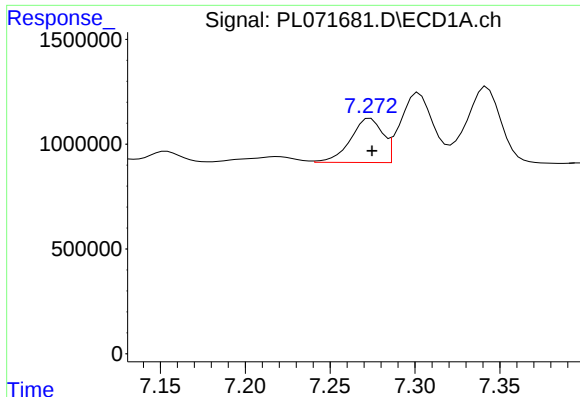
#24 Chlordane-2

R.T.: 6.576 min  
Delta R.T.: 0.001 min  
Response: 2906924  
Conc: 89.33 ng/ml



#24 Chlordane-2

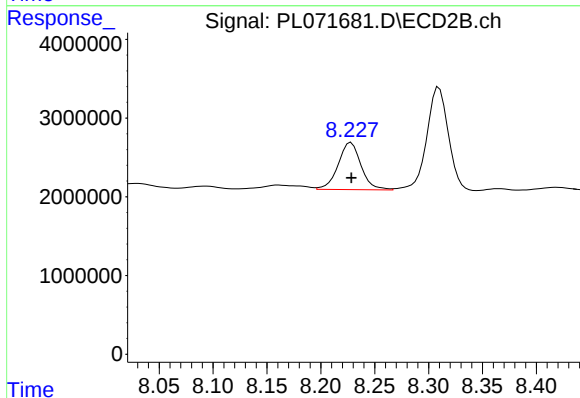
R.T.: 7.469 min  
Delta R.T.: -0.004 min  
Response: 6183067  
Conc: 83.91 ng/ml



#25 Chlordane-3

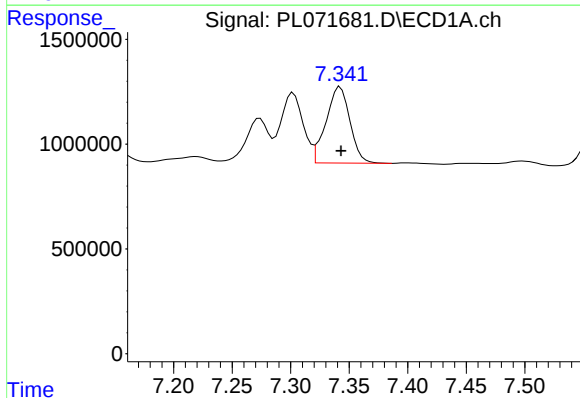
R.T.: 7.274 min  
Delta R.T.: 0.000 min  
Response: 2771368  
Conc: 32.13 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
OK-02-122321



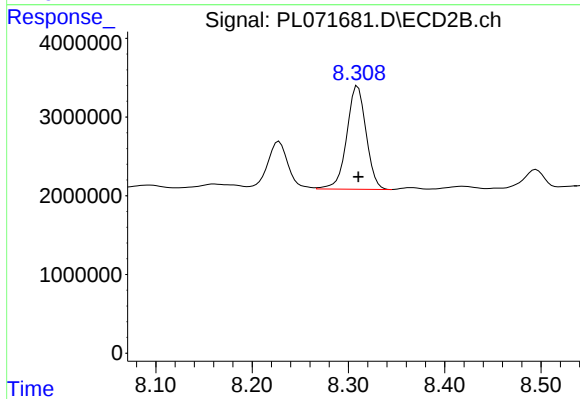
#25 Chlordane-3

R.T.: 8.228 min  
Delta R.T.: 0.000 min  
Response: 8876009  
Conc: 32.12 ng/ml



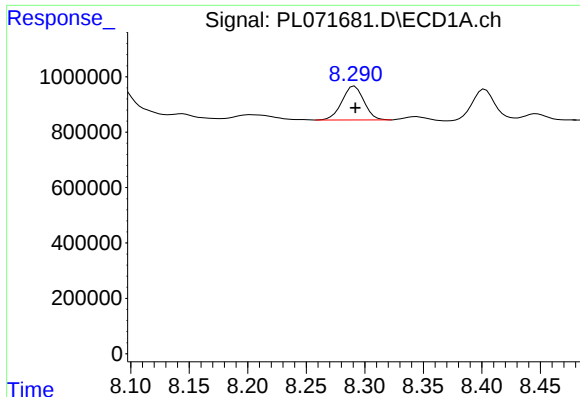
#26 Chlordane-4

R.T.: 7.342 min  
Delta R.T.: 0.000 min  
Response: 5163051  
Conc: 55.94 ng/ml



#26 Chlordane-4

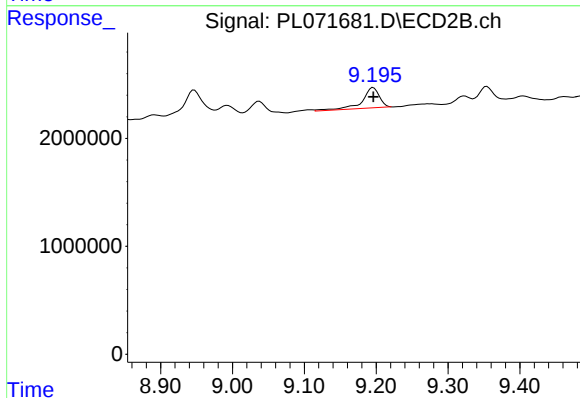
R.T.: 8.310 min  
Delta R.T.: 0.000 min  
Response: 18257375  
Conc: 56.28 ng/ml



#27 Chlordane-5

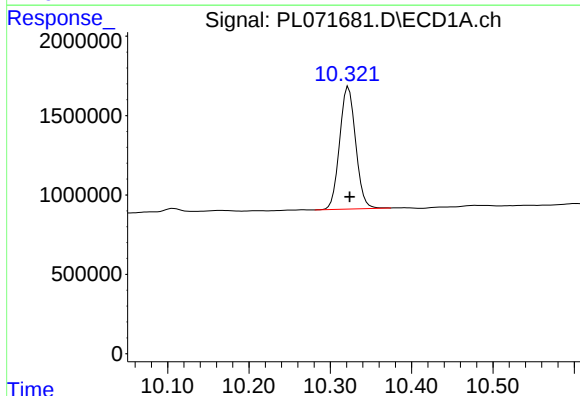
R.T.: 8.291 min  
Delta R.T.: 0.000 min  
Response: 1594206  
Conc: 52.57 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
OK-02-122321



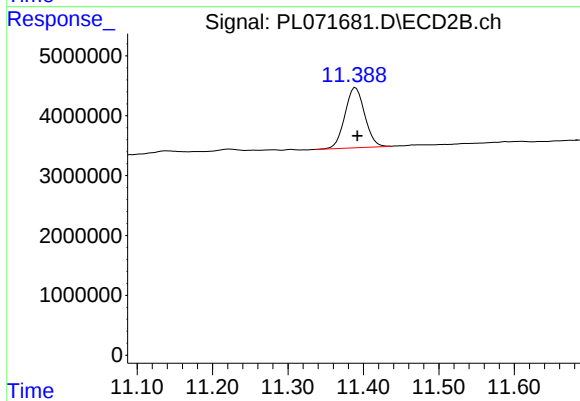
#27 Chlordane-5

R.T.: 9.196 min  
Delta R.T.: 0.000 min  
Response: 3147163  
Conc: 58.01 ng/ml



#28 Decachlorobiphenyl

R.T.: 10.322 min  
Delta R.T.: -0.001 min  
Response: 10545329  
Conc: 14.16 ng/ml



#28 Decachlorobiphenyl

R.T.: 11.390 min  
Delta R.T.: -0.003 min  
Response: 18274070  
Conc: 14.58 ng/ml