

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL111921\  
 Data File : PL071094.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 19 Nov 2021 21:37  
 Operator : AR\AJ  
 Sample : M4731-02MS  
 Misc :  
 ALS Vial : 27 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 C-1600-FLOOD-WALL-JGMS

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Nov 22 05:17:12 2021  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL110321.M  
 Quant Title : GC Extractables  
 QLast Update : Thu Nov 04 19:28:07 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... | 4.565  | 5.500  | 10026026 | 26961452 | 20.469  | 21.383     |
| 28)                         | SA Decachlor... | 10.325 | 11.387 | 14444281 | 27689838 | 21.139  | 20.705     |
| Target Compounds            |                 |        |        |          |          |         |            |
| 2)                          | A alpha-BHC     | 5.271  | 6.080  | 34291946 | 100.2E6  | 51.227  | 54.436     |
| 3)                          | MA gamma-BHC... | 5.694  | 6.475  | 33608395 | 94449159 | 50.103  | 54.467     |
| 4)                          | MA Heptachlor   | 6.101  | 7.122  | 36290749 | 97591831 | 50.579  | 60.083     |
| 5)                          | MB Aldrin       | 6.424  | 7.492  | 32834810 | 89426893 | 51.347  | 55.072     |
| 6)                          | B beta-BHC      | 6.077  | 6.732  | 15605024 | 43809169 | 48.040  | 51.130     |
| 7)                          | B delta-BHC     | 6.335  | 6.998  | 31403858 | 85548617 | 47.451  | 51.158     |
| 8)                          | B Heptachlo...  | 7.001  | 7.958  | 32826204 | 84294986 | 50.490  | 55.306     |
| 9)                          | A Endosulfan I  | 7.403  | 8.363  | 20448778 | 50405800 | 33.382  | 35.038     |
| 10)                         | B gamma-Chl...  | 7.279  | 8.228  | 33346383 | 83860759 | 50.234  | 54.161     |
| 11)                         | B alpha-Chl...  | 7.348  | 8.308  | 33478412 | 82470580 | 50.240  | 54.222     |
| 12)                         | B 4,4'-DDE      | 7.563  | 8.498  | 30090034 | 82021370 | 51.645  | 55.588     |
| 13)                         | MA Dieldrin     | 7.689  | 8.652  | 31804104 | 80534508 | 50.951  | 55.269     |
| 14)                         | MA Endrin       | 7.980  | 8.890  | 29386568 | 67099541 | 51.831  | 57.929     |
| 15)                         | B Endosulfa...  | 8.291  | 9.125  | 15156736 | 34264173 | 25.038  | 28.054     |
| 16)                         | A 4,4'-DDD      | 8.148  | 9.037  | 28426800 | 63706588 | 55.948  | 52.937     |
| 17)                         | MA 4,4'-DDT     | 8.409  | 9.353  | 27485412 | 66954432 | 49.976  | 53.072     |
| 18)                         | B Endrin al...  | 8.480  | 9.259  | 23768800 | 53637884 | 52.318  | 55.465     |
| 19)                         | B Endosulfa...  | 8.711  | 9.497  | 30844304 | 65731887 | 50.000  | 53.035     |
| 20)                         | A Methoxychlor  | 9.004  | 9.840  | 17990789 | 34110618 | 49.177  | 50.400     |
| 21)                         | B Endrin ke...  | 9.229  | 9.993  | 36802563 | 72771474 | 51.468  | 50.694     |
| 22)                         | Mirex           | 9.411  | 10.457 | 30611094 | 53560649 | 49.844  | 51.421     |
| 24)                         | Chlordane-2     | 0.000  | 7.492f | 0        | 89426893 | N.D.    | 1704.833 # |
| 25)                         | Chlordane-3     | 7.279  | 8.228  | 33346383 | 83860759 | 546.187 | 414.889    |
| 26)                         | Chlordane-4     | 7.348  | 8.308  | 33478412 | 82470580 | 509.950 | 339.845 #  |
| 27)                         | Chlordane-5     | 8.291  | 0.000  | 15156736 | 0        | 677.915 | N.D. #     |
| -----                       |                 |        |        |          |          |         |            |

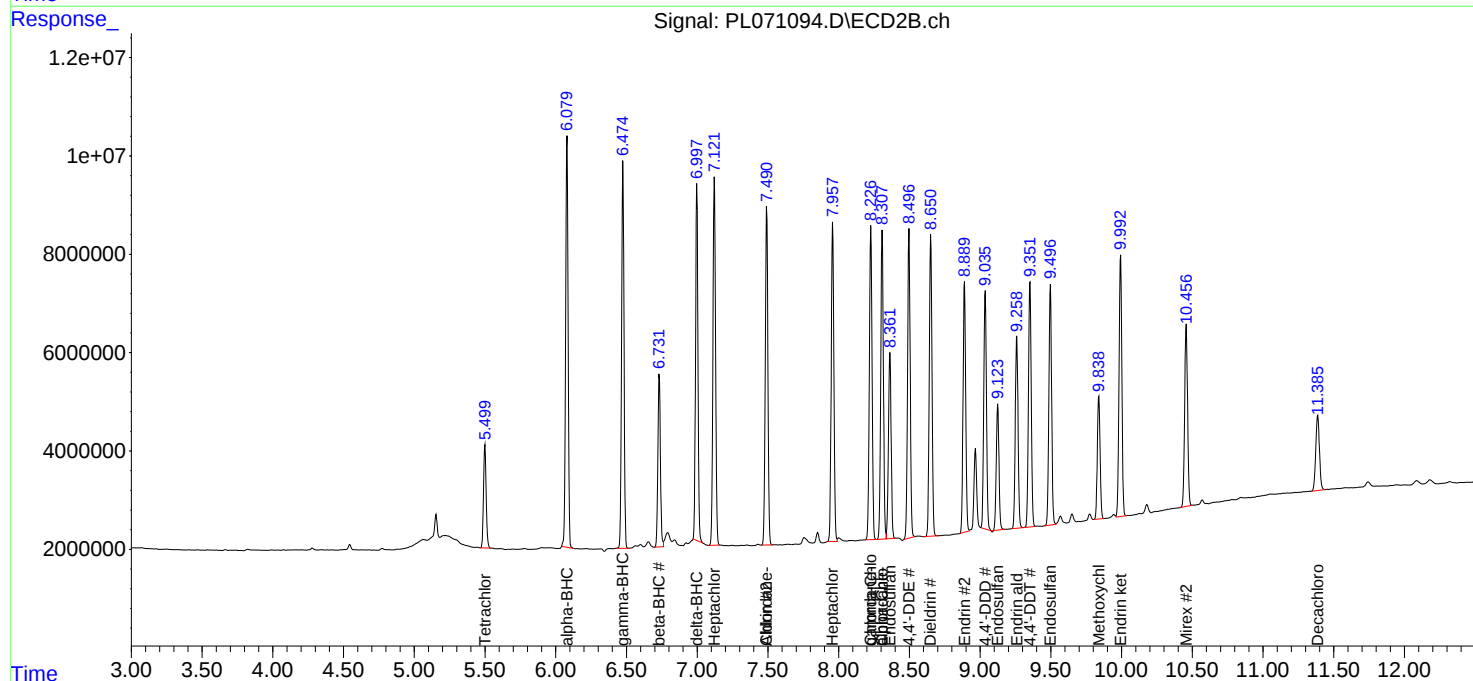
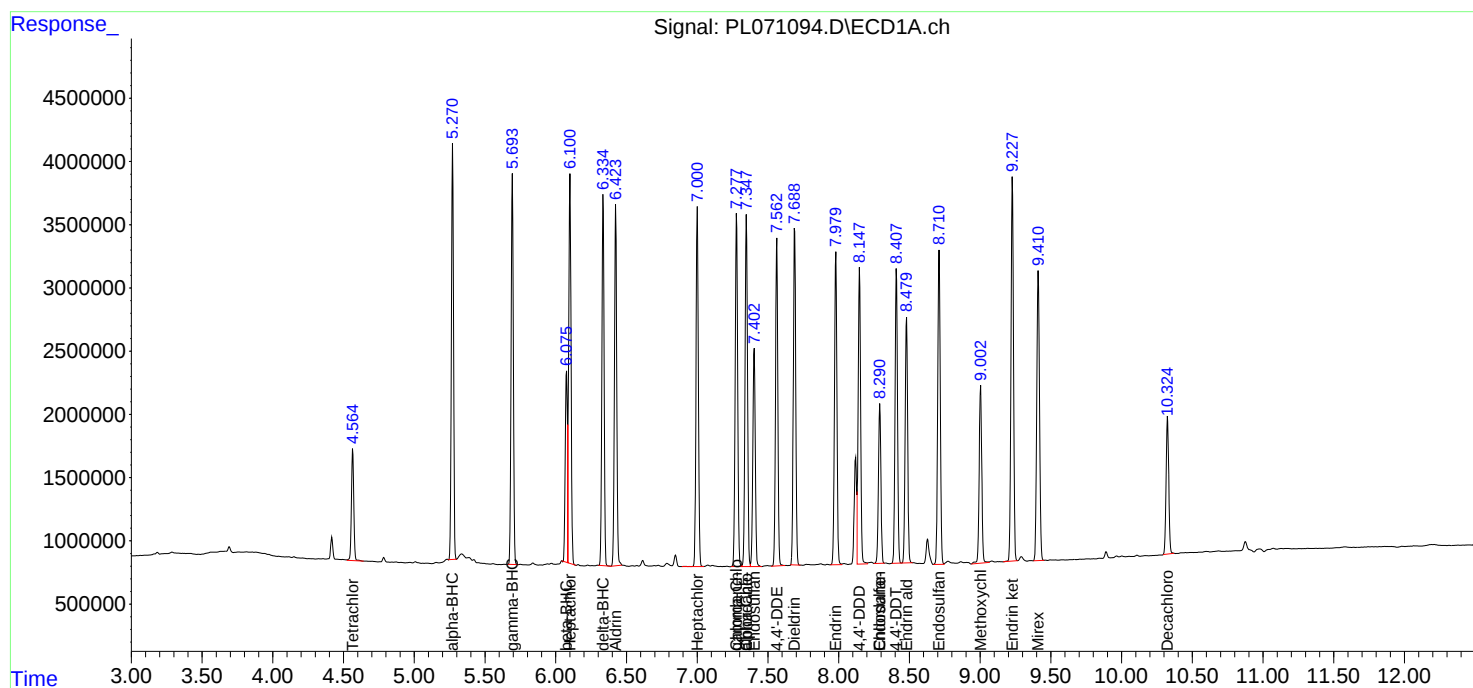
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

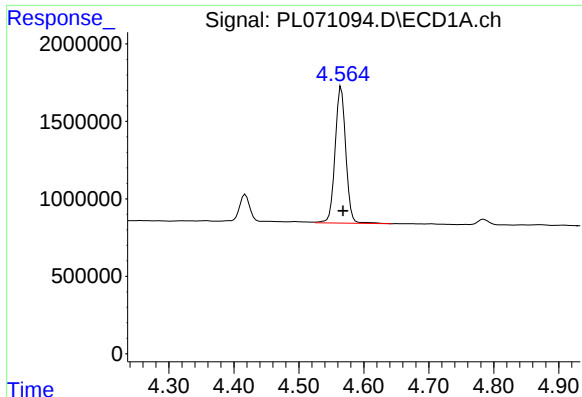
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL111921\  
Data File : PL071094.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 19 Nov 2021 21:37  
Operator : AR\AJ  
Sample : M4731-02MS  
Misc :  
ALS Vial : 27 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :  
C-1600-FLOOD-WALL-JGMS

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Nov 22 05:17:12 2021  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL110321.M  
Quant Title : GC Extractables  
QLast Update : Thu Nov 04 19:28:07 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

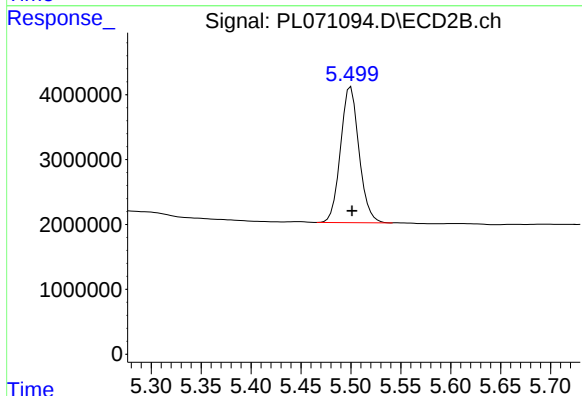




#1 Tetrachloro-m-xylene

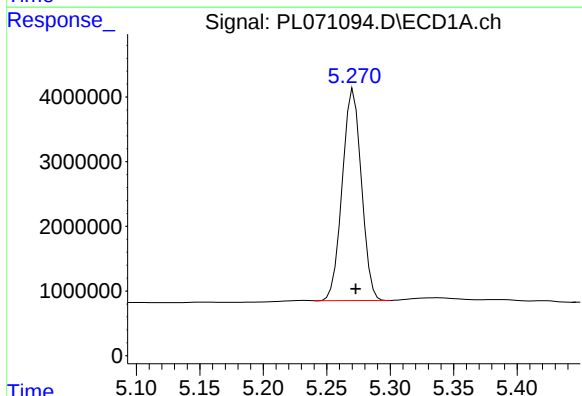
R.T.: 4.565 min  
Delta R.T.: -0.003 min  
Response: 10026026  
Conc: 20.47 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
C-1600-FLOOD-WALL-JGMS



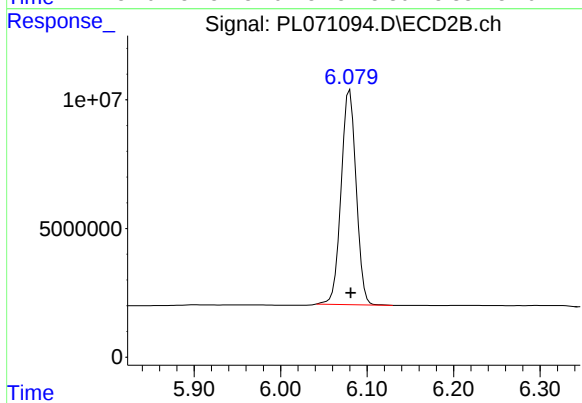
#1 Tetrachloro-m-xylene

R.T.: 5.500 min  
Delta R.T.: -0.001 min  
Response: 26961452  
Conc: 21.38 ng/ml



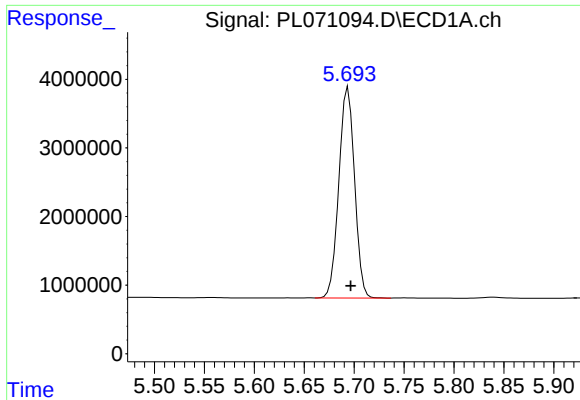
#2 alpha-BHC

R.T.: 5.271 min  
Delta R.T.: -0.002 min  
Response: 34291946  
Conc: 51.23 ng/ml



#2 alpha-BHC

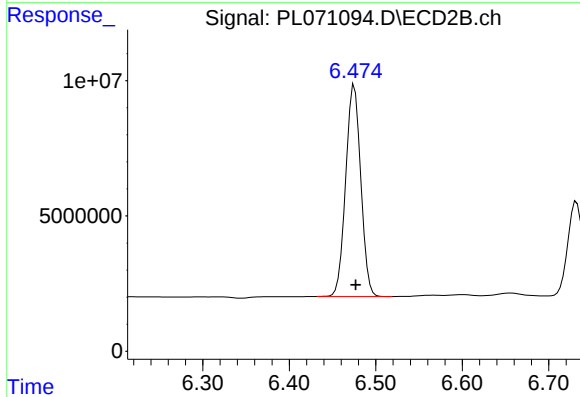
R.T.: 6.080 min  
Delta R.T.: -0.001 min  
Response: 100206539  
Conc: 54.44 ng/ml



#3 gamma-BHC (Lindane)

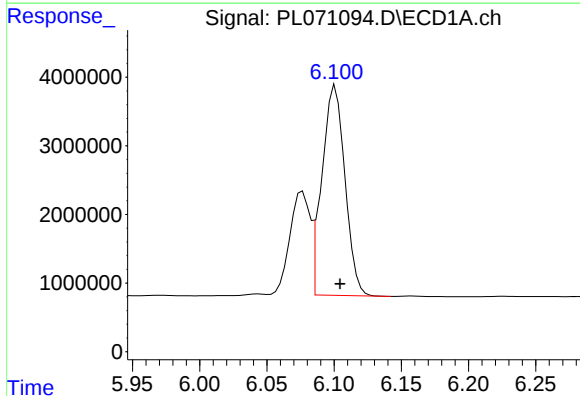
R.T.: 5.694 min  
Delta R.T.: -0.003 min  
Response: 33608395  
Conc: 50.10 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
C-1600-FLOOD-WALL-JGMS



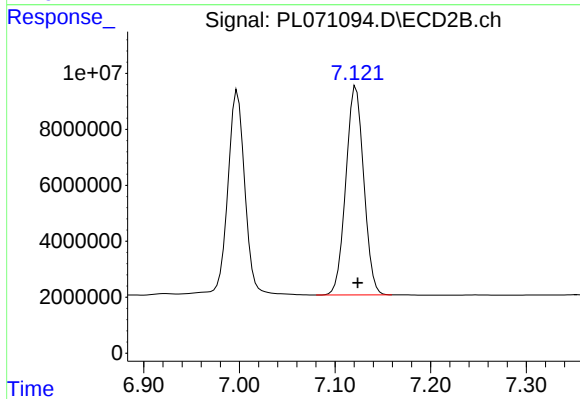
#3 gamma-BHC (Lindane)

R.T.: 6.475 min  
Delta R.T.: -0.001 min  
Response: 94449159  
Conc: 54.47 ng/ml



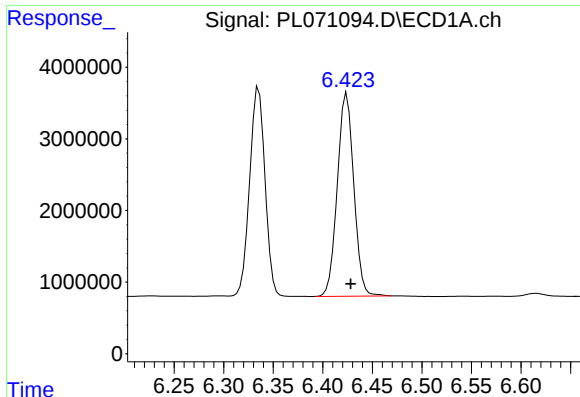
#4 Heptachlor

R.T.: 6.101 min  
Delta R.T.: -0.004 min  
Response: 36290749  
Conc: 50.58 ng/ml



#4 Heptachlor

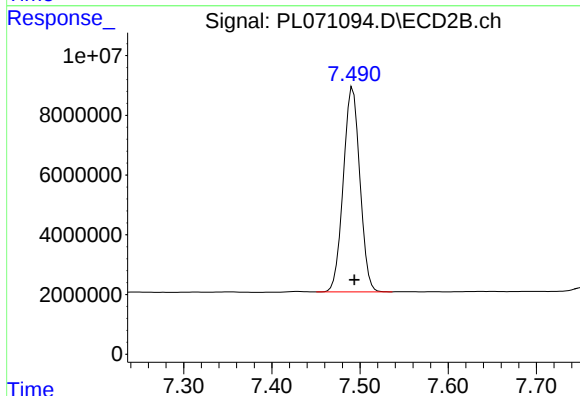
R.T.: 7.122 min  
Delta R.T.: -0.002 min  
Response: 97591831  
Conc: 60.08 ng/ml



#5 Aldrin

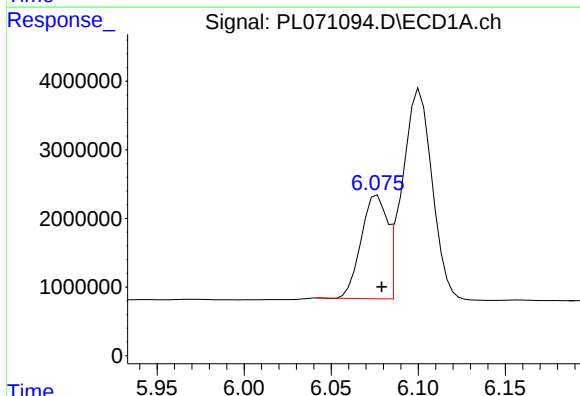
R.T.: 6.424 min  
Delta R.T.: -0.004 min  
Response: 32834810  
Conc: 51.35 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
C-1600-FLOOD-WALL-JGMS



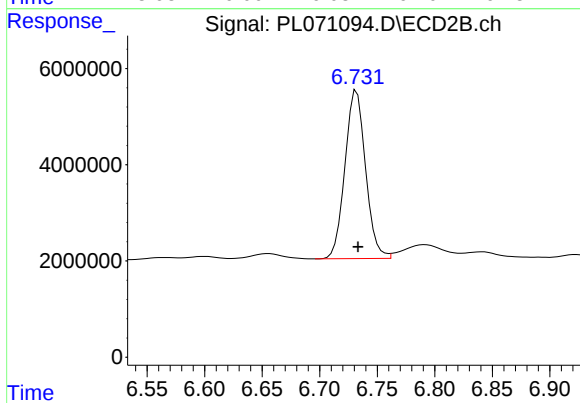
#5 Aldrin

R.T.: 7.492 min  
Delta R.T.: -0.002 min  
Response: 89426893  
Conc: 55.07 ng/ml



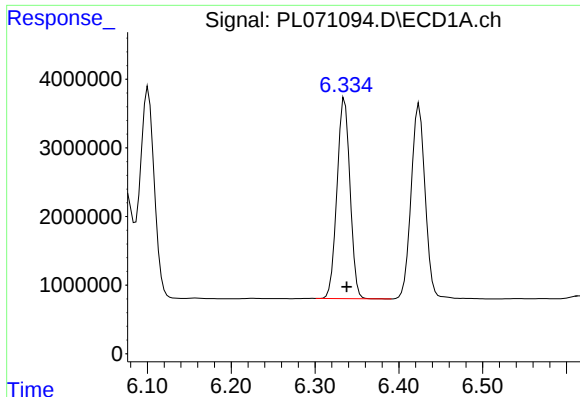
#6 beta-BHC

R.T.: 6.077 min  
Delta R.T.: -0.003 min  
Response: 15605024  
Conc: 48.04 ng/ml



#6 beta-BHC

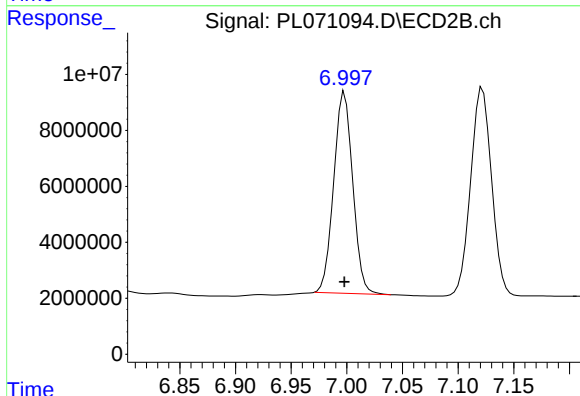
R.T.: 6.732 min  
Delta R.T.: -0.001 min  
Response: 43809169  
Conc: 51.13 ng/ml



#7 delta-BHC

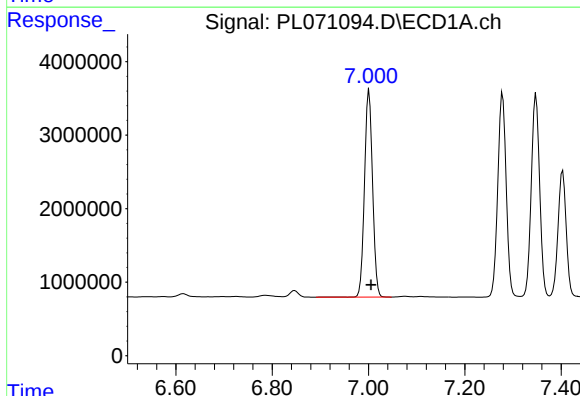
R.T.: 6.335 min  
Delta R.T.: -0.003 min  
Response: 31403858  
Conc: 47.45 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
C-1600-FLOOD-WALL-JGMS



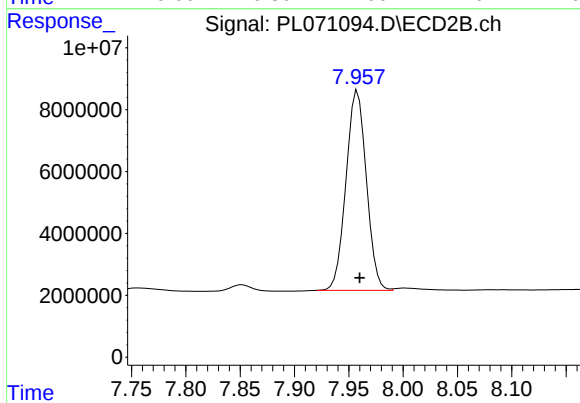
#7 delta-BHC

R.T.: 6.998 min  
Delta R.T.: 0.000 min  
Response: 85548617  
Conc: 51.16 ng/ml



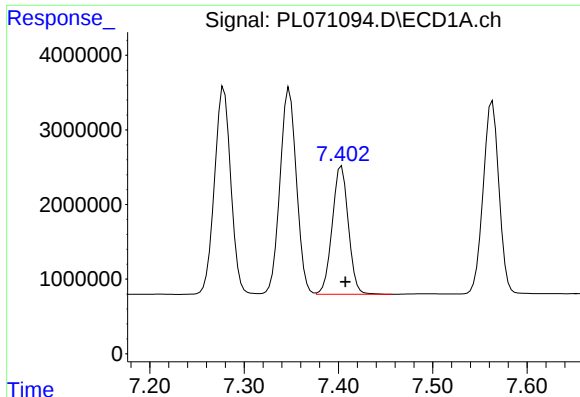
#8 Heptachlor epoxide

R.T.: 7.001 min  
Delta R.T.: -0.004 min  
Response: 32826204  
Conc: 50.49 ng/ml



#8 Heptachlor epoxide

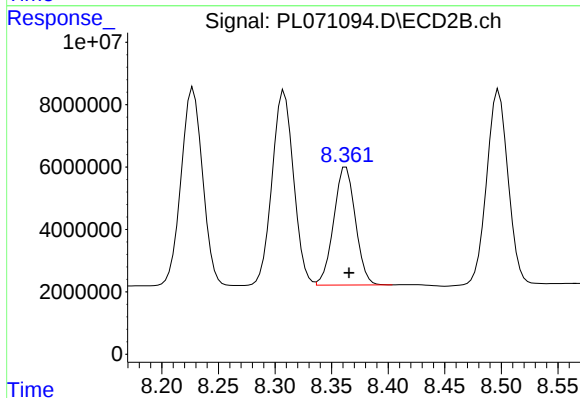
R.T.: 7.958 min  
Delta R.T.: -0.002 min  
Response: 84294986  
Conc: 55.31 ng/ml



#9 Endosulfan I

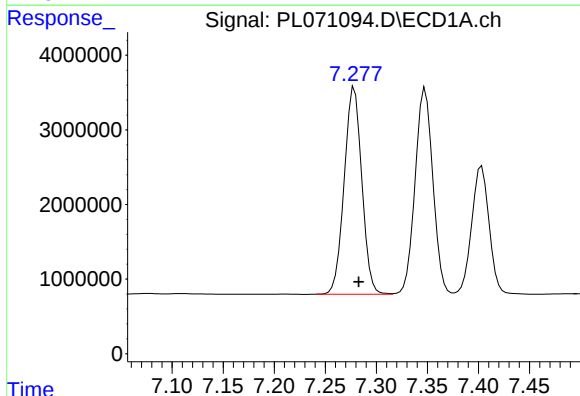
R.T.: 7.403 min  
Delta R.T.: -0.004 min  
Response: 20448778  
Conc: 33.38 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
C-1600-FLOOD-WALL-JGMS



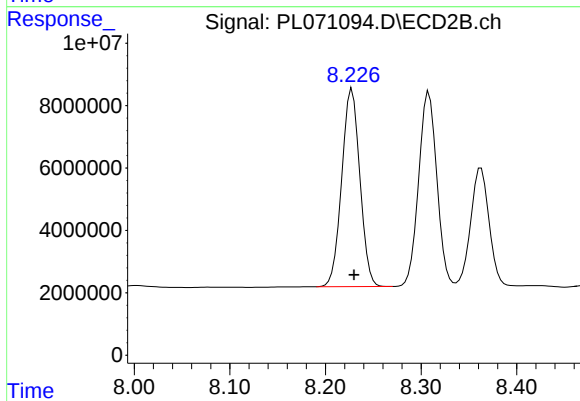
#9 Endosulfan I

R.T.: 8.363 min  
Delta R.T.: -0.002 min  
Response: 50405800  
Conc: 35.04 ng/ml



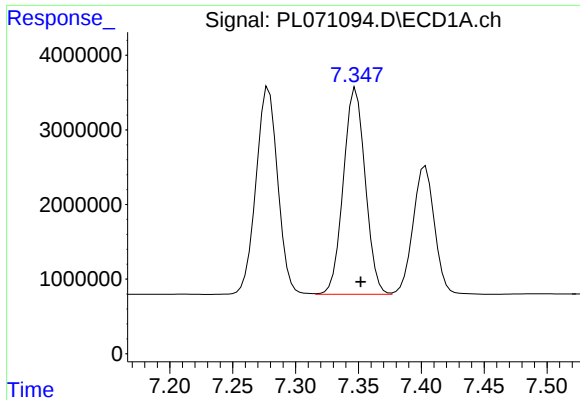
#10 gamma-Chlordane

R.T.: 7.279 min  
Delta R.T.: -0.004 min  
Response: 33346383  
Conc: 50.23 ng/ml



#10 gamma-Chlordane

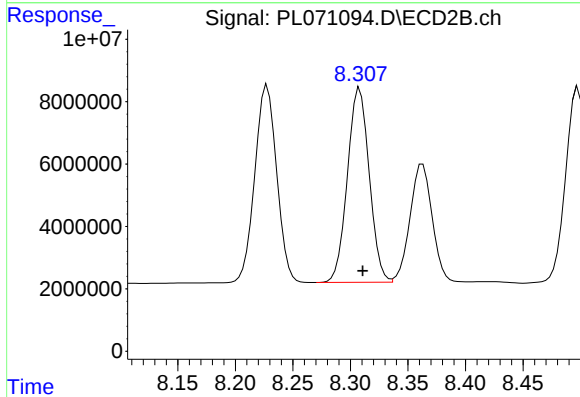
R.T.: 8.228 min  
Delta R.T.: -0.002 min  
Response: 83860759  
Conc: 54.16 ng/ml



#11 alpha-Chlordane

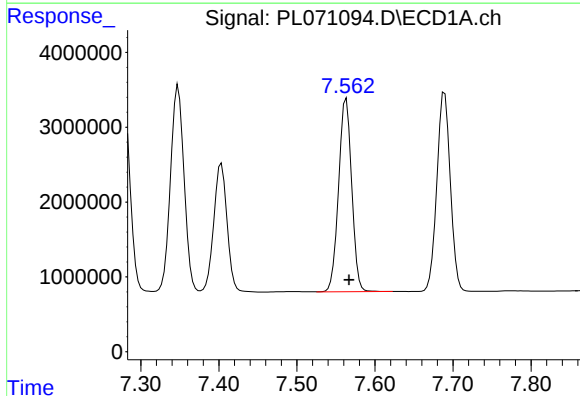
R.T.: 7.348 min  
Delta R.T.: -0.004 min  
Response: 33478412  
Conc: 50.24 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
C-1600-FLOOD-WALL-JGMS



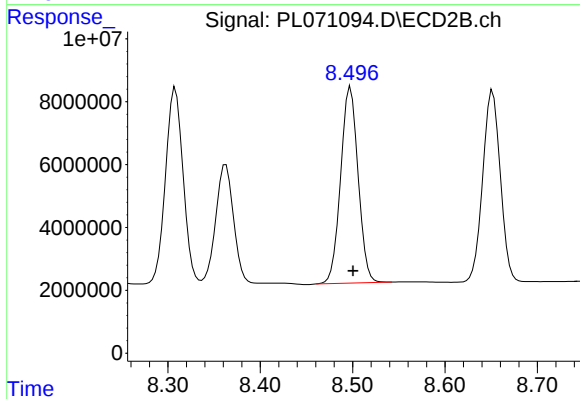
#11 alpha-Chlordane

R.T.: 8.308 min  
Delta R.T.: -0.003 min  
Response: 82470580  
Conc: 54.22 ng/ml



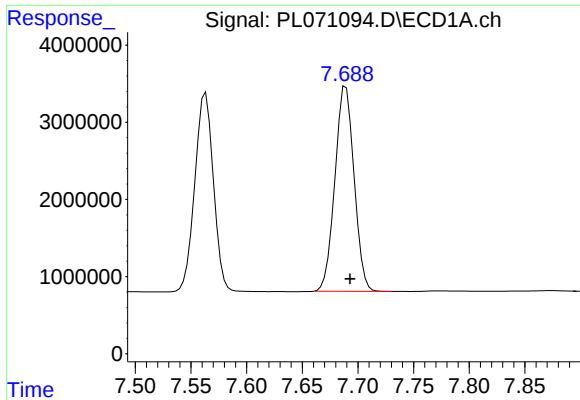
#12 4,4'-DDE

R.T.: 7.563 min  
Delta R.T.: -0.004 min  
Response: 30090034  
Conc: 51.65 ng/ml



#12 4,4'-DDE

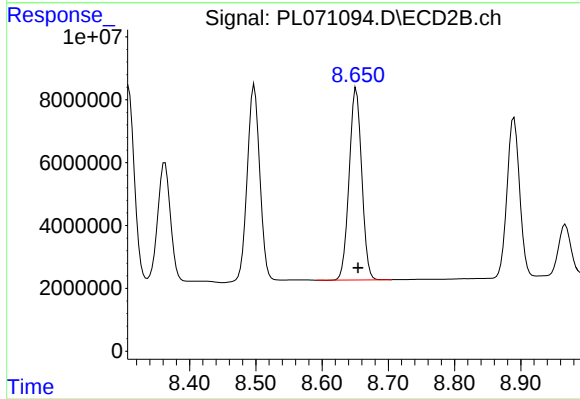
R.T.: 8.498 min  
Delta R.T.: -0.003 min  
Response: 82021370  
Conc: 55.59 ng/ml



#13 Dieldrin

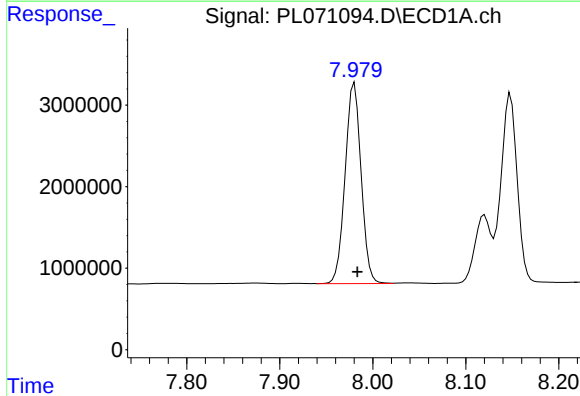
R.T.: 7.689 min  
Delta R.T.: -0.004 min  
Response: 31804104  
Conc: 50.95 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
C-1600-FLOOD-WALL-JGMS



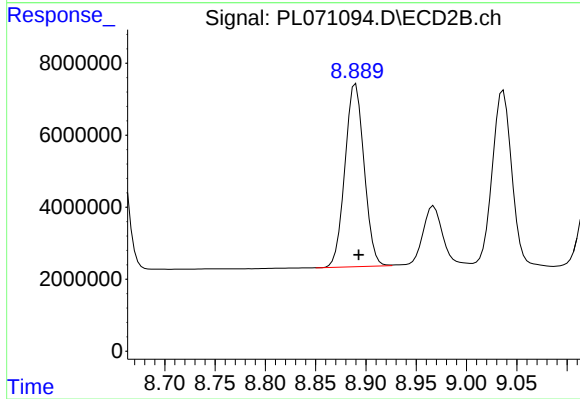
#13 Dieldrin

R.T.: 8.652 min  
Delta R.T.: -0.003 min  
Response: 80534508  
Conc: 55.27 ng/ml



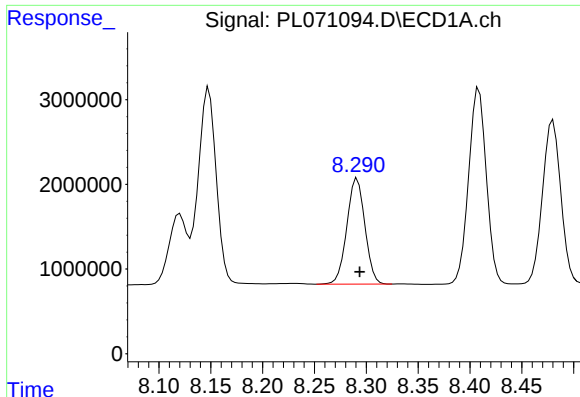
#14 Endrin

R.T.: 7.980 min  
Delta R.T.: -0.003 min  
Response: 29386568  
Conc: 51.83 ng/ml



#14 Endrin

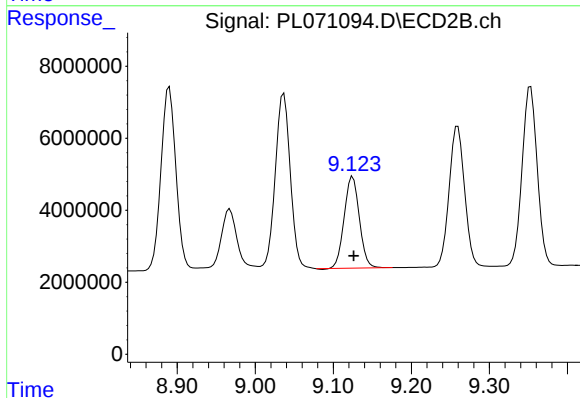
R.T.: 8.890 min  
Delta R.T.: -0.003 min  
Response: 67099541  
Conc: 57.93 ng/ml



#15 Endosulfan II

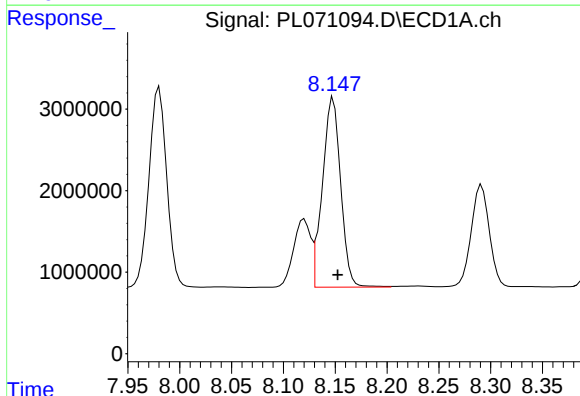
R.T.: 8.291 min  
Delta R.T.: -0.003 min  
Response: 15156736  
Conc: 25.04 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
C-1600-FLOOD-WALL-JGMS



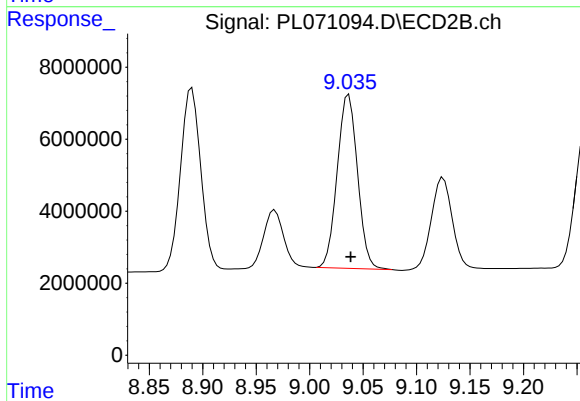
#15 Endosulfan II

R.T.: 9.125 min  
Delta R.T.: -0.001 min  
Response: 34264173  
Conc: 28.05 ng/ml



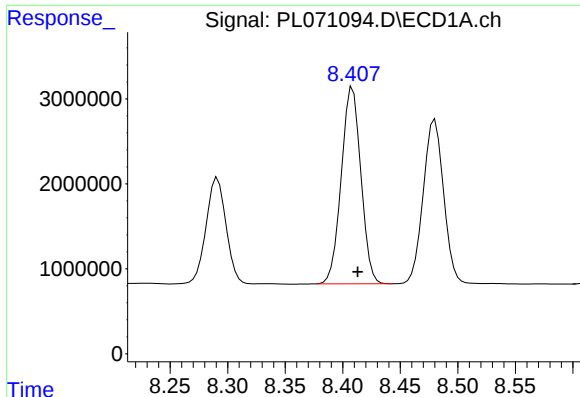
#16 4,4'-DDD

R.T.: 8.148 min  
Delta R.T.: -0.004 min  
Response: 28426800  
Conc: 55.95 ng/ml



#16 4,4'-DDD

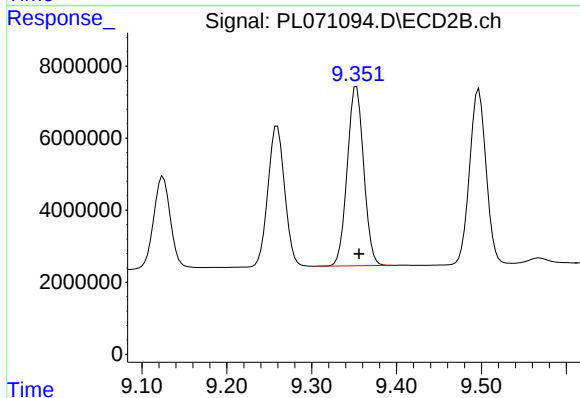
R.T.: 9.037 min  
Delta R.T.: -0.002 min  
Response: 63706588  
Conc: 52.94 ng/ml



#17 4,4'-DDT

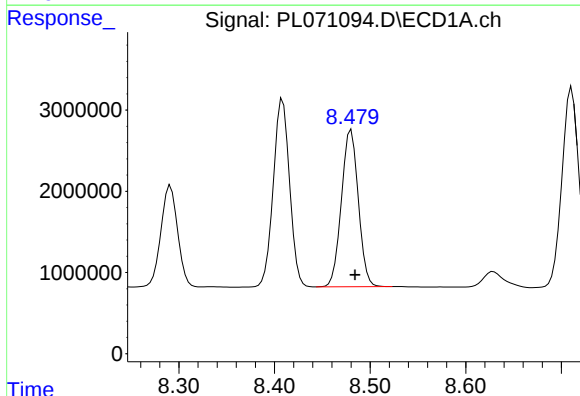
R.T.: 8.409 min  
Delta R.T.: -0.004 min  
Response: 27485412  
Conc: 49.98 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
C-1600-FLOOD-WALL-JGMS



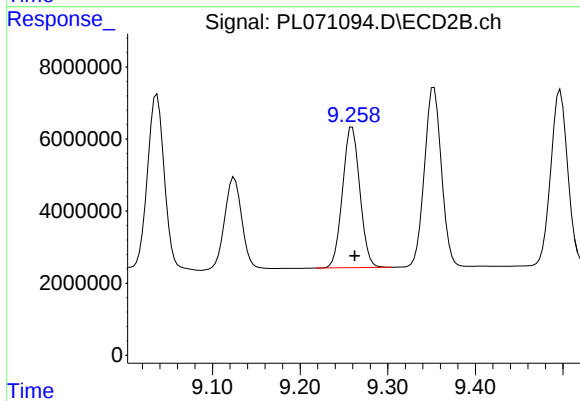
#17 4,4'-DDT

R.T.: 9.353 min  
Delta R.T.: -0.003 min  
Response: 66954432  
Conc: 53.07 ng/ml



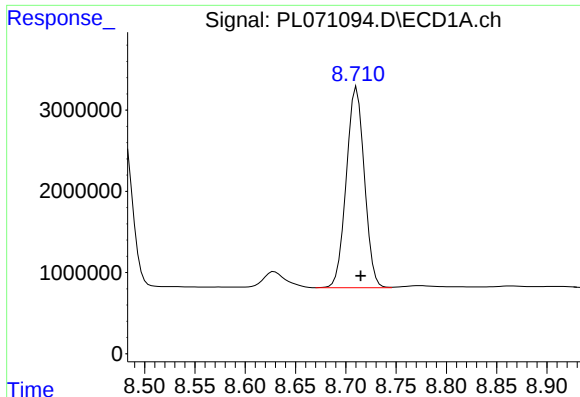
#18 Endrin aldehyde

R.T.: 8.480 min  
Delta R.T.: -0.004 min  
Response: 23768800  
Conc: 52.32 ng/ml



#18 Endrin aldehyde

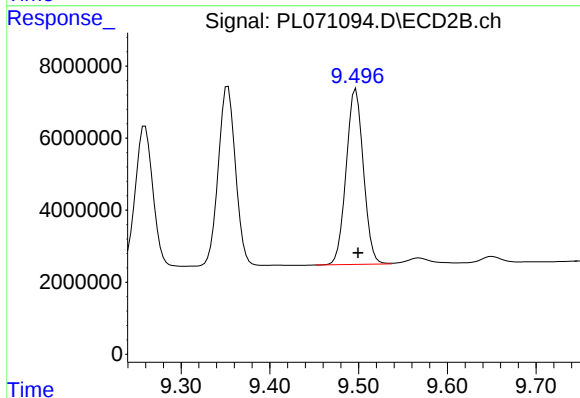
R.T.: 9.259 min  
Delta R.T.: -0.003 min  
Response: 53637884  
Conc: 55.47 ng/ml



#19 Endosulfan Sulfate

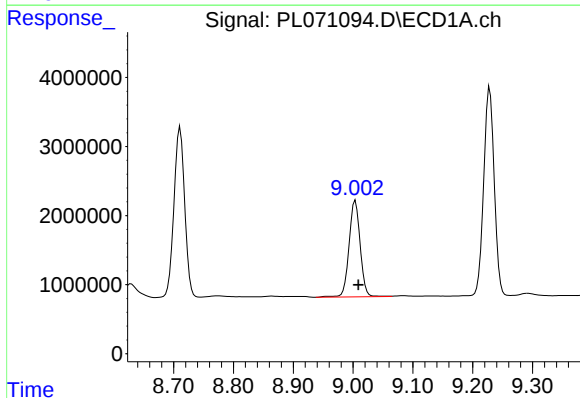
R.T.: 8.711 min  
Delta R.T.: -0.004 min  
Response: 30844304  
Conc: 50.00 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
C-1600-FLOOD-WALL-JGMS



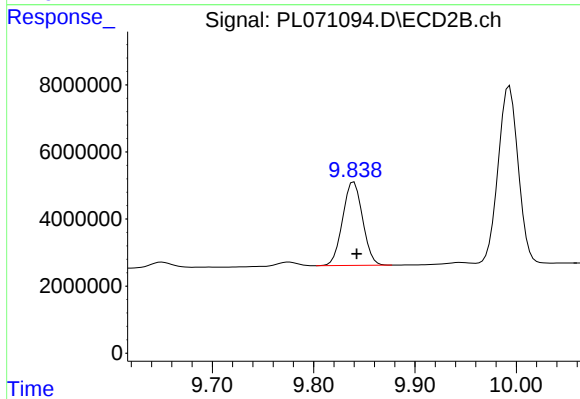
#19 Endosulfan Sulfate

R.T.: 9.497 min  
Delta R.T.: -0.002 min  
Response: 65731887  
Conc: 53.04 ng/ml



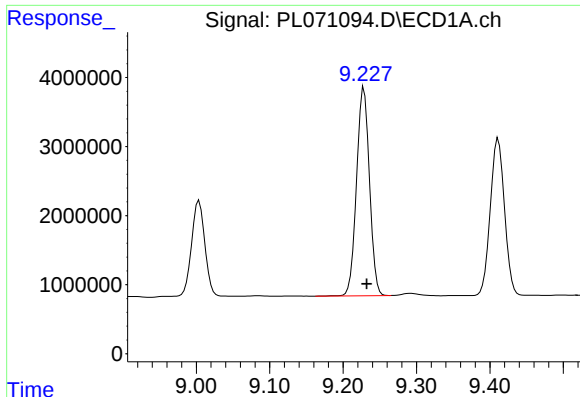
#20 Methoxychlor

R.T.: 9.004 min  
Delta R.T.: -0.005 min  
Response: 17990789  
Conc: 49.18 ng/ml



#20 Methoxychlor

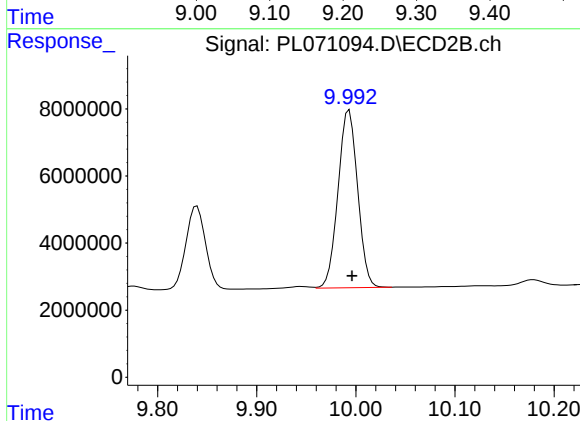
R.T.: 9.840 min  
Delta R.T.: -0.003 min  
Response: 34110618  
Conc: 50.40 ng/ml



#21 Endrin ketone

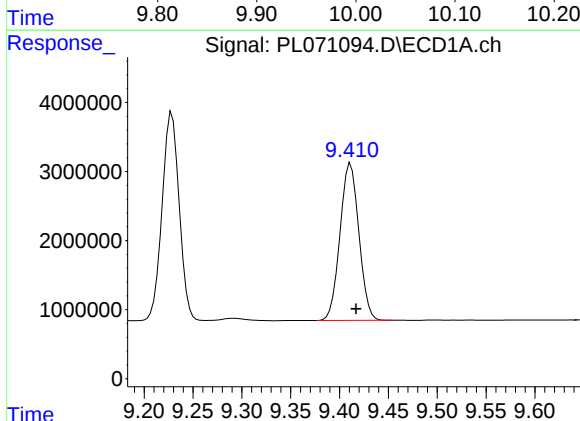
R.T.: 9.229 min  
Delta R.T.: -0.004 min  
Response: 36802563  
Conc: 51.47 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
C-1600-FLOOD-WALL-JGMS



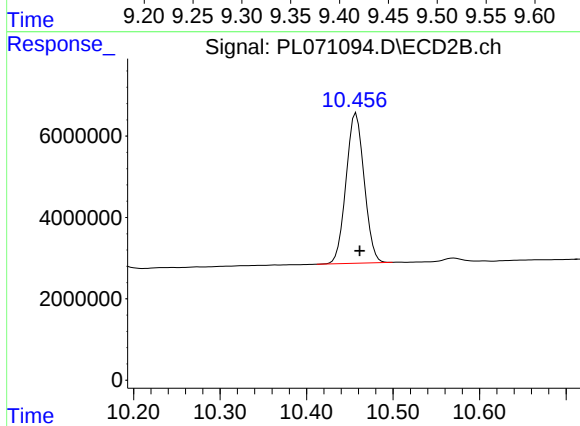
#21 Endrin ketone

R.T.: 9.993 min  
Delta R.T.: -0.003 min  
Response: 72771474  
Conc: 50.69 ng/ml



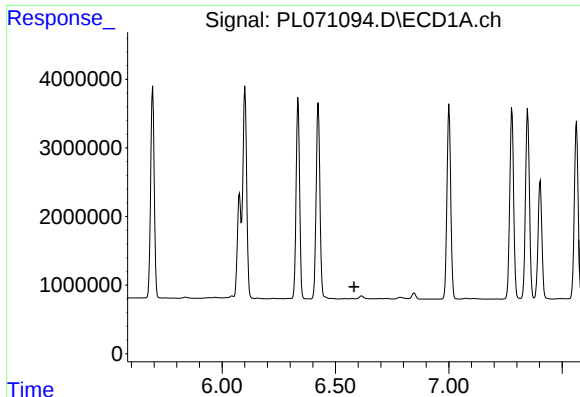
#22 Mirex

R.T.: 9.411 min  
Delta R.T.: -0.005 min  
Response: 30611094  
Conc: 49.84 ng/ml



#22 Mirex

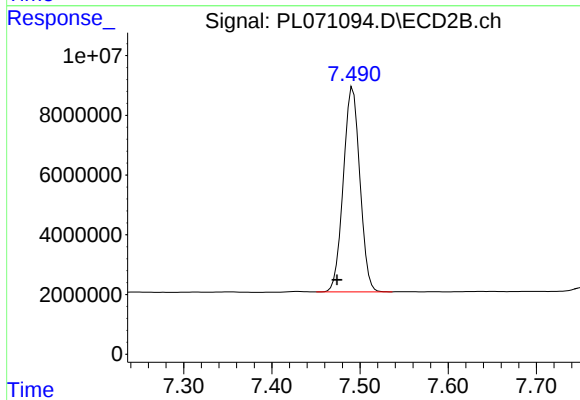
R.T.: 10.457 min  
Delta R.T.: -0.004 min  
Response: 53560649  
Conc: 51.42 ng/ml



#24 Chlordane-2

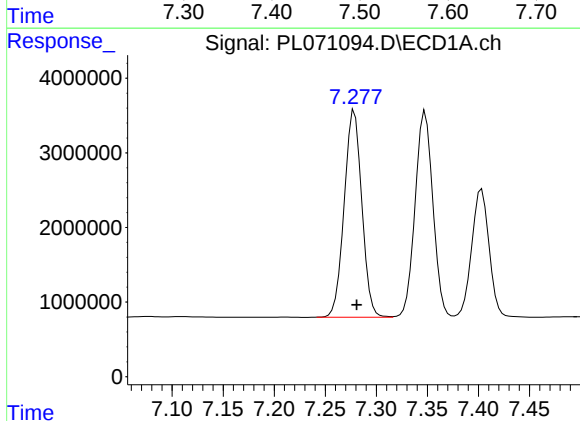
R.T.: 0.000 min  
Exp R.T.: 6.582 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :  
C-1600-FLOOD-WALL-JGMS



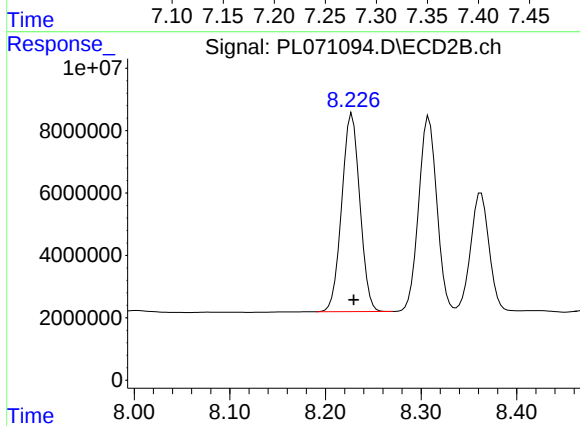
#24 Chlordane-2

R.T.: 7.492 min  
Delta R.T.: 0.018 min  
Response: 89426893  
Conc: 1704.83 ng/ml



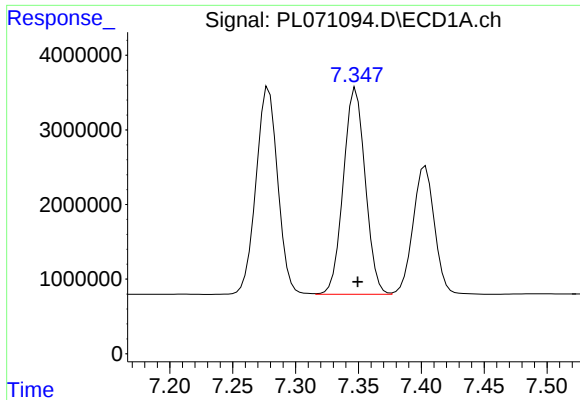
#25 Chlordane-3

R.T.: 7.279 min  
Delta R.T.: -0.002 min  
Response: 33346383  
Conc: 546.19 ng/ml



#25 Chlordane-3

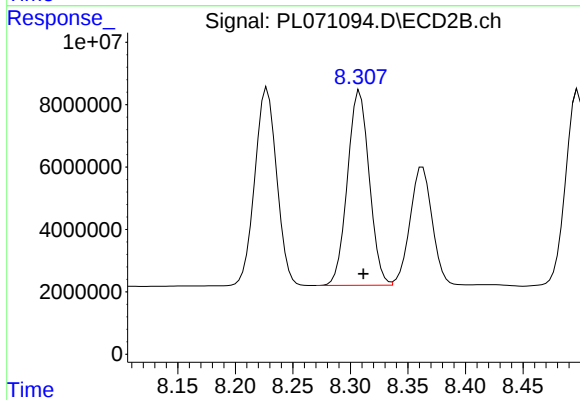
R.T.: 8.228 min  
Delta R.T.: -0.002 min  
Response: 83860759  
Conc: 414.89 ng/ml



#26 Chlordane-4

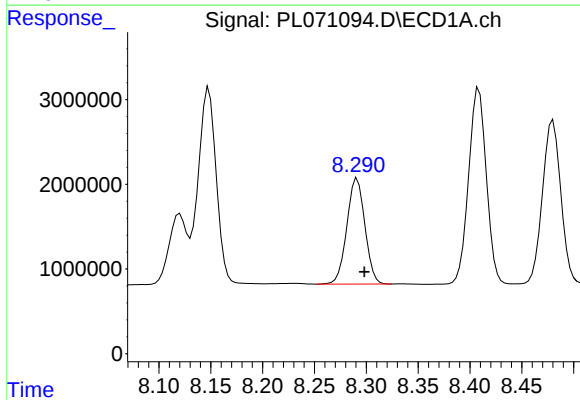
R.T.: 7.348 min  
Delta R.T.: -0.002 min  
Response: 33478412  
Conc: 509.95 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
C-1600-FLOOD-WALL-JGMS



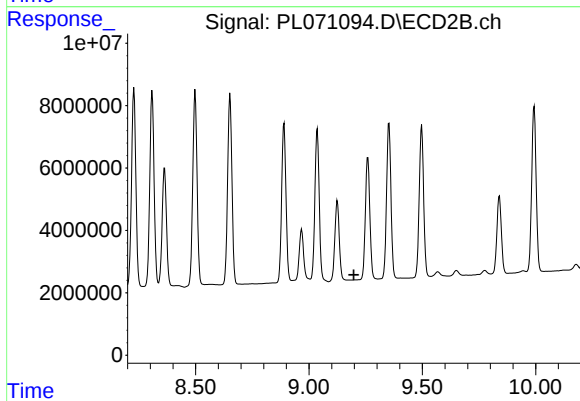
#26 Chlordane-4

R.T.: 8.308 min  
Delta R.T.: -0.003 min  
Response: 82470580  
Conc: 339.85 ng/ml



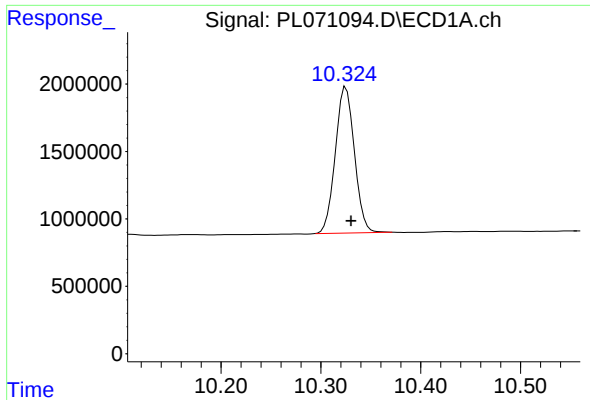
#27 Chlordane-5

R.T.: 8.291 min  
Delta R.T.: -0.007 min  
Response: 15156736  
Conc: 677.91 ng/ml



#27 Chlordane-5

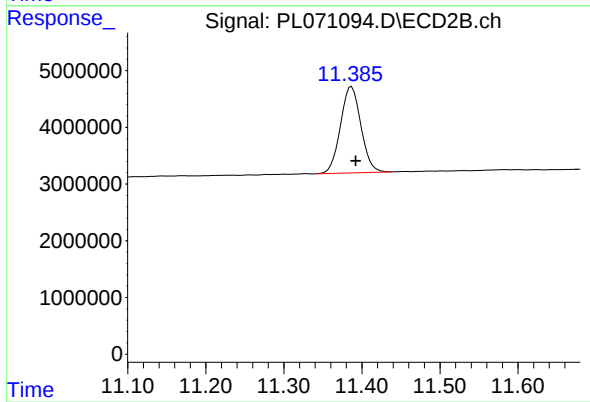
R.T.: 0.000 min  
Exp R.T.: 9.197 min  
Response: 0  
Conc: N.D.



#28 Decachlorobiphenyl

R.T.: 10.325 min  
Delta R.T.: -0.005 min  
Response: 14444281  
Conc: 21.14 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
C-1600-FLOOD-WALL-JGMS



#28 Decachlorobiphenyl

R.T.: 11.387 min  
Delta R.T.: -0.005 min  
Response: 27689838  
Conc: 20.70 ng/ml