

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD070323\  
 Data File : PD076299.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 03 Jul 2023 14:20  
 Operator : AR\AJ  
 Sample : PSTDCCC050  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 ECD\_D  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Jul 03 21:47:27 2023  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD061523.M  
 Quant Title : GC Extractables  
 QLast Update : Fri Jun 16 10:43:19 2023  
 Response via : Initial Calibration  
 Integrator: ChemStation

Volume Inj. : 2 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 x 0.25µm

|                             | Compound        | RT#1   | RT#2   | Resp#1   | Resp#2   | ng/ml    | ng/ml      |
|-----------------------------|-----------------|--------|--------|----------|----------|----------|------------|
| -----                       |                 |        |        |          |          |          |            |
| System Monitoring Compounds |                 |        |        |          |          |          |            |
| 1)                          | SA Tetrachlo... | 3.546  | 2.766  | 100.7E6  | 50665141 | 47.274   | 46.699     |
| 28)                         | SA Decachlor... | 9.089  | 7.912  | 109.5E6  | 42700267 | 43.235   | 43.670     |
| Target Compounds            |                 |        |        |          |          |          |            |
| 2)                          | A alpha-BHC     | 4.003  | 3.268  | 177.7E6  | 78243286 | 48.133   | 48.910     |
| 3)                          | MA gamma-BHC... | 4.336  | 3.598  | 160.5E6  | 71372581 | 47.689   | 48.440     |
| 4)                          | MA Heptachlor   | 4.927  | 3.938  | 161.7E6  | 70261911 | 45.090   | 46.260     |
| 5)                          | MB Aldrin       | 5.271  | 4.219  | 159.2E6  | 71330417 | 45.421   | 47.834     |
| 6)                          | B beta-BHC      | 4.533  | 3.895  | 65935415 | 30273308 | 45.861   | 47.494     |
| 7)                          | B delta-BHC     | 4.781  | 4.125  | 162.8E6  | 73470418 | 48.995   | 50.705     |
| 8)                          | B Heptachlo...  | 5.698  | 4.721  | 144.3E6  | 63925499 | 44.771   | 46.537     |
| 9)                          | A Endosulfan I  | 6.085  | 5.092  | 131.4E6  | 59392273 | 43.808   | 46.465     |
| 10)                         | B gamma-Chl...  | 5.955  | 4.972  | 145.6E6  | 65037518 | 45.212   | 47.399     |
| 11)                         | B alpha-Chl...  | 6.034  | 5.036  | 142.5E6  | 64088844 | 44.067   | 46.720     |
| 12)                         | B 4,4'-DDE      | 6.207  | 5.225  | 128.3E6  | 59967408 | 44.878   | 53.726     |
| 13)                         | MA Dieldrin     | 6.361  | 5.357  | 136.7E6  | 64986418 | 43.732   | 48.168     |
| 14)                         | MA Endrin       | 6.592  | 5.632  | 109.9E6  | 53582547 | 41.108   | 44.029     |
| 15)                         | B Endosulfa...  | 6.811  | 5.927  | 109.8E6  | 50927718 | 42.492   | 47.206     |
| 16)                         | A 4,4'-DDD      | 6.725  | 5.780  | 109.7E6  | 51230664 | 48.199   | 58.133     |
| 17)                         | MA 4,4'-DDT     | 7.040  | 6.031  | 99615752 | 43279710 | 43.898   | 53.281     |
| 18)                         | B Endrin al...  | 6.941  | 6.106  | 76016296 | 39908935 | 37.883   | 46.111     |
| 19)                         | B Endosulfa...  | 7.176  | 6.329  | 110.0E6  | 51613495 | 43.679   | 47.763     |
| 20)                         | A Methoxychlor  | 7.516  | 6.607  | 53801869 | 23269514 | 41.565   | 50.275     |
| 21)                         | B Endrin ke...  | 7.663  | 6.836  | 126.3E6  | 59533948 | 45.353   | 49.001     |
| 22)                         | Mirex           | 8.138  | 7.018  | 90243214 | 45392178 | 42.120   | 43.304     |
| 24)                         | Chlordane-2     | 5.271f | 4.361f | 159.2E6  | 1873595  | 1209.392 | 35.339 #   |
| 25)                         | Chlordane-3     | 5.955  | 4.972  | 145.6E6  | 65037518 | 280.452  | 438.084 #  |
| 26)                         | Chlordane-4     | 6.034  | 5.036  | 142.5E6  | 64088844 | 226.051  | 436.697 #  |
| 27)                         | Chlordane-5     | 0.000  | 5.927  | 0        | 50927718 | N.D.     | 1052.934 # |
| -----                       |                 |        |        |          |          |          |            |

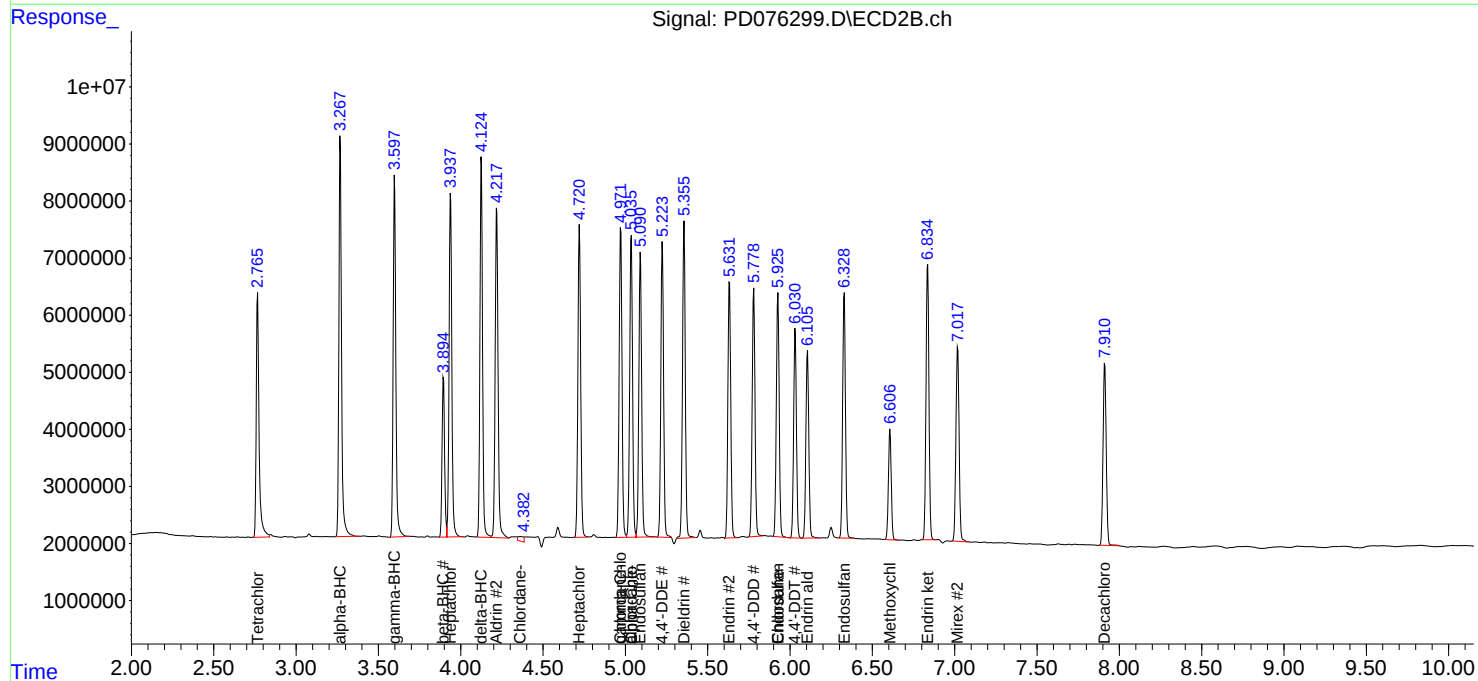
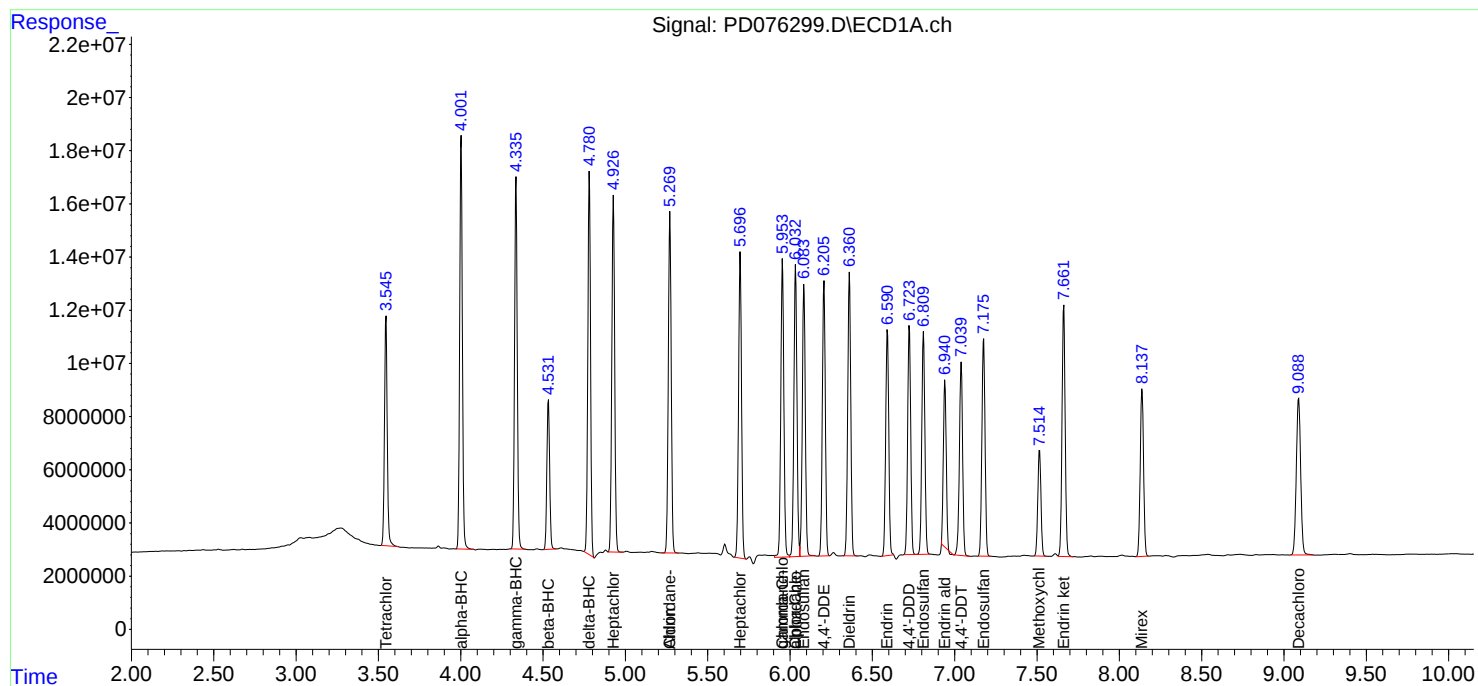
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

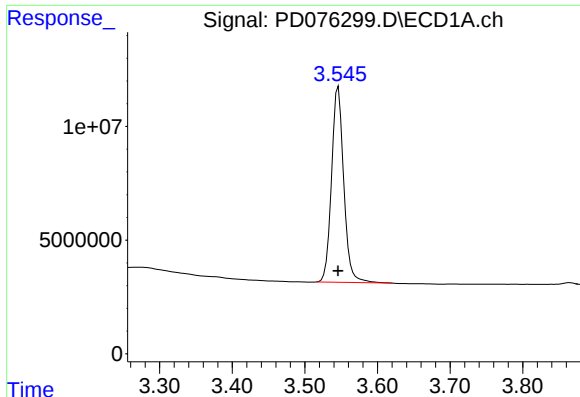
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD070323\  
Data File : PD076299.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 03 Jul 2023 14:20  
Operator : AR\AJ  
Sample : PSTDCCC050  
Misc :  
ALS Vial : 4 Sample Multiplier: 1

Instrument :  
ECD\_D  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Jul 03 21:47:27 2023  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD061523.M  
Quant Title : GC Extractables  
QLast Update : Fri Jun 16 10:43:19 2023  
Response via : Initial Calibration  
Integrator: ChemStation

Volume Inj. : 2 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 x 0.25µm

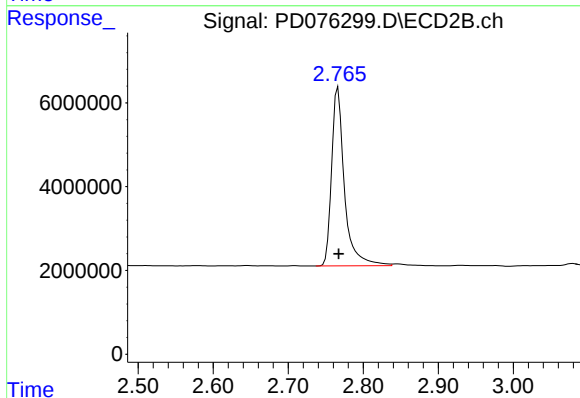




#1 Tetrachloro-m-xylene

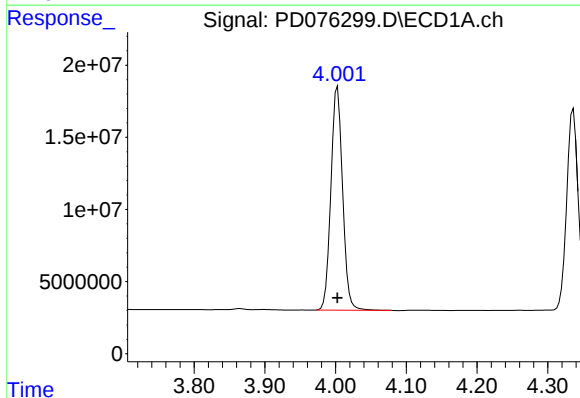
R.T.: 3.546 min  
Delta R.T.: 0.000 min  
Response: 100700958  
Conc: 47.27 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



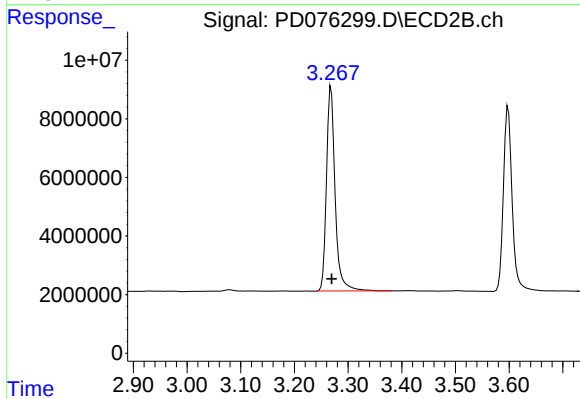
#1 Tetrachloro-m-xylene

R.T.: 2.766 min  
Delta R.T.: 0.000 min  
Response: 50665141  
Conc: 46.70 ng/ml



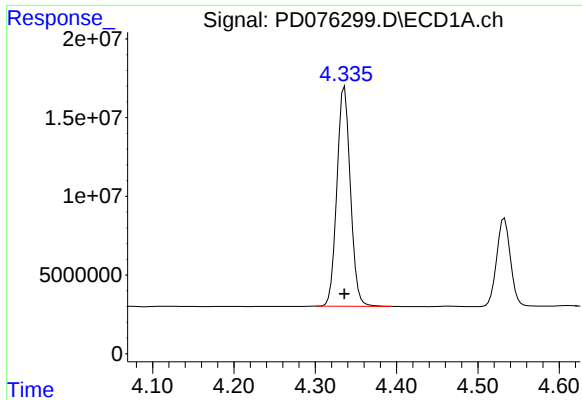
#2 alpha-BHC

R.T.: 4.003 min  
Delta R.T.: 0.000 min  
Response: 177710836  
Conc: 48.13 ng/ml



#2 alpha-BHC

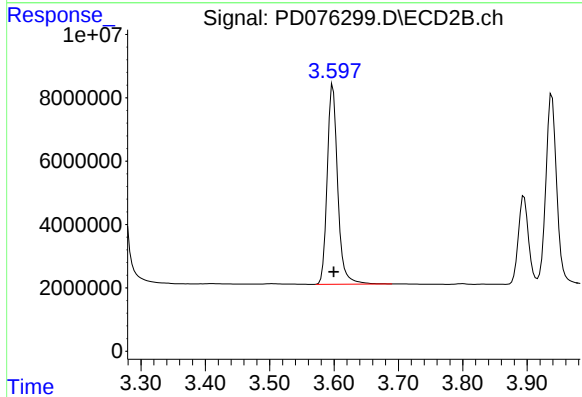
R.T.: 3.268 min  
Delta R.T.: -0.001 min  
Response: 78243286  
Conc: 48.91 ng/ml



#3 gamma-BHC (Lindane)

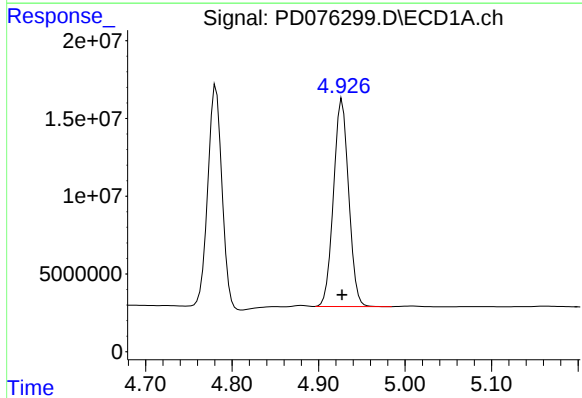
R.T.: 4.336 min  
Delta R.T.: 0.000 min  
Response: 160468879  
Conc: 47.69 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



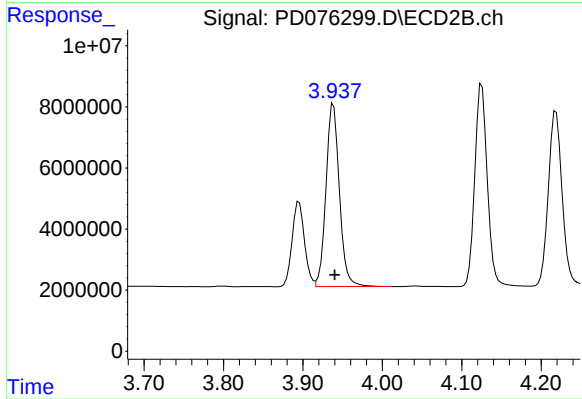
#3 gamma-BHC (Lindane)

R.T.: 3.598 min  
Delta R.T.: -0.001 min  
Response: 71372581  
Conc: 48.44 ng/ml



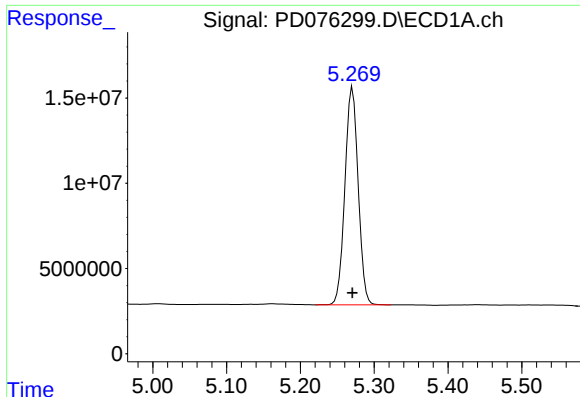
#4 Heptachlor

R.T.: 4.927 min  
Delta R.T.: 0.000 min  
Response: 161719793  
Conc: 45.09 ng/ml



#4 Heptachlor

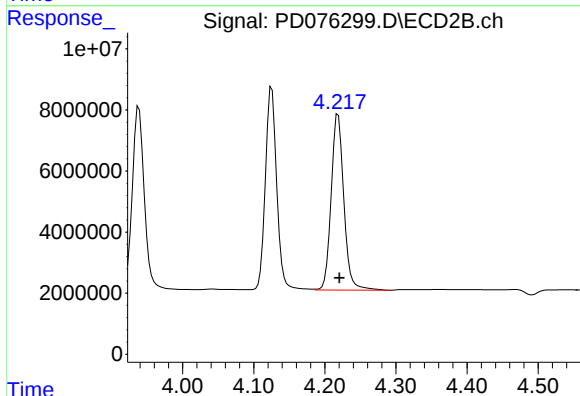
R.T.: 3.938 min  
Delta R.T.: -0.002 min  
Response: 70261911  
Conc: 46.26 ng/ml



#5 Aldrin

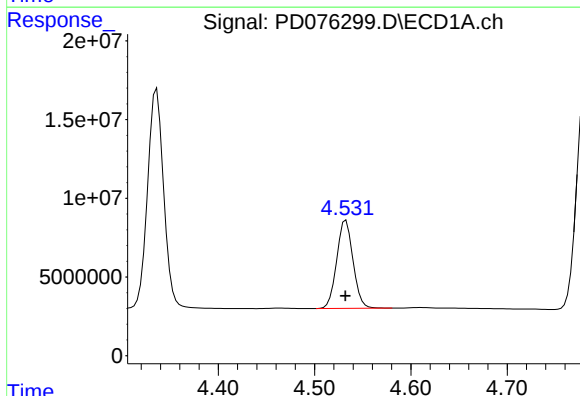
R.T.: 5.271 min  
Delta R.T.: 0.000 min  
Response: 159166072  
Conc: 45.42 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



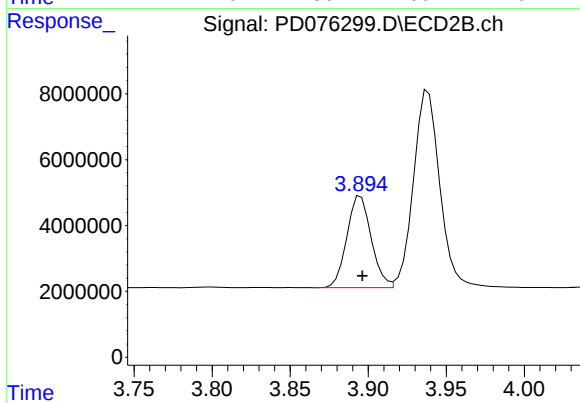
#5 Aldrin

R.T.: 4.219 min  
Delta R.T.: -0.002 min  
Response: 71330417  
Conc: 47.83 ng/ml



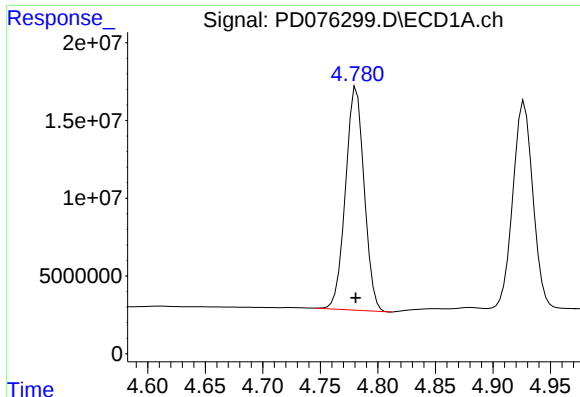
#6 beta-BHC

R.T.: 4.533 min  
Delta R.T.: 0.000 min  
Response: 65935415  
Conc: 45.86 ng/ml



#6 beta-BHC

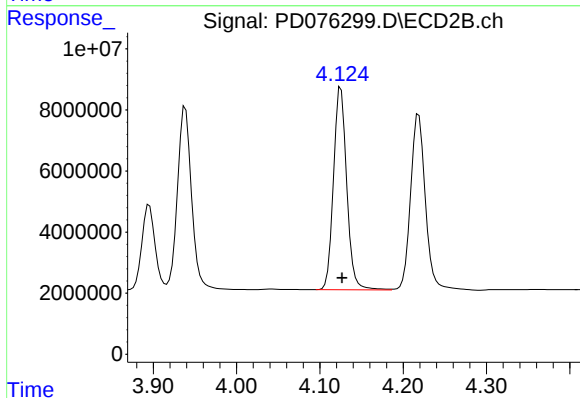
R.T.: 3.895 min  
Delta R.T.: -0.001 min  
Response: 30273308  
Conc: 47.49 ng/ml



#7 delta-BHC

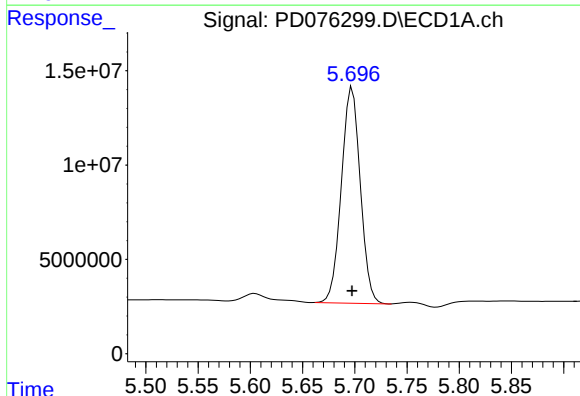
R.T.: 4.781 min  
Delta R.T.: 0.000 min  
Response: 162841167  
Conc: 48.99 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



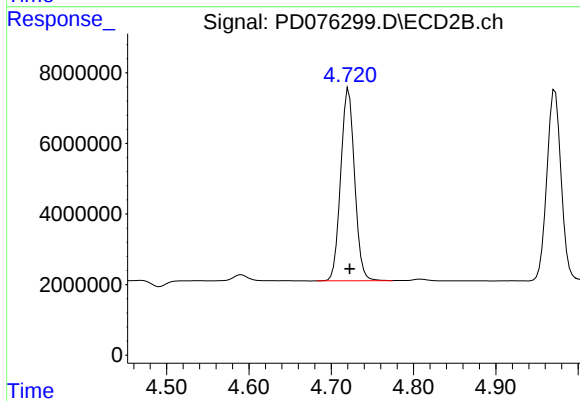
#7 delta-BHC

R.T.: 4.125 min  
Delta R.T.: -0.001 min  
Response: 73470418  
Conc: 50.70 ng/ml



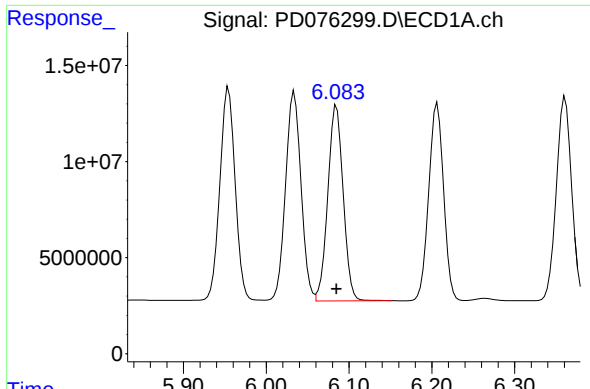
#8 Heptachlor epoxide

R.T.: 5.698 min  
Delta R.T.: 0.000 min  
Response: 144264377  
Conc: 44.77 ng/ml



#8 Heptachlor epoxide

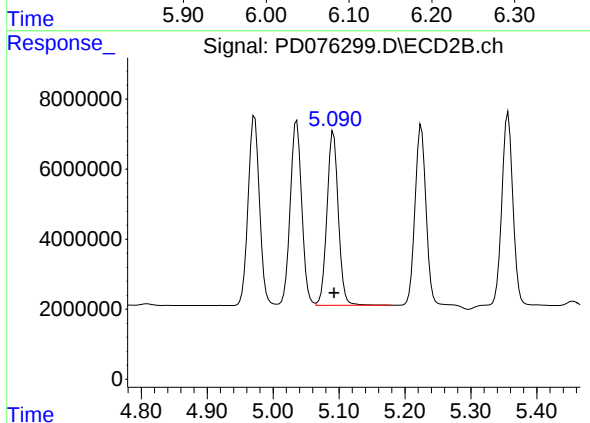
R.T.: 4.721 min  
Delta R.T.: -0.001 min  
Response: 63925499  
Conc: 46.54 ng/ml



#9 Endosulfan I

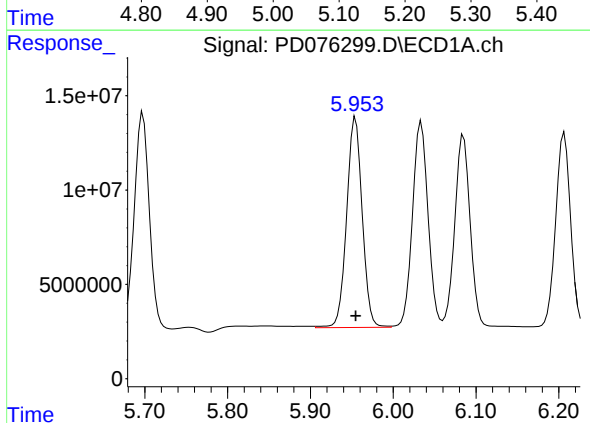
R.T.: 6.085 min  
Delta R.T.: 0.000 min  
Response: 131402279  
Conc: 43.81 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



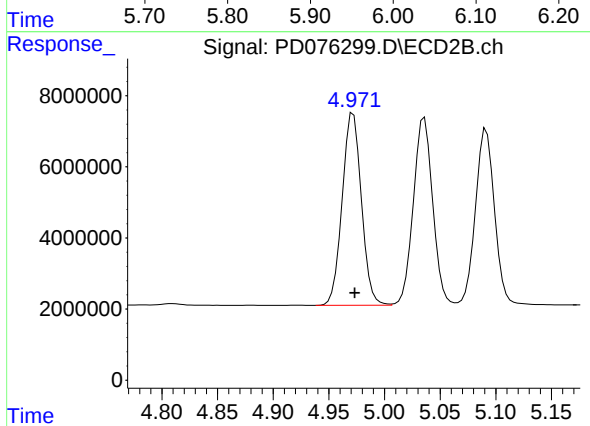
#9 Endosulfan I

R.T.: 5.092 min  
Delta R.T.: -0.001 min  
Response: 59392273  
Conc: 46.47 ng/ml



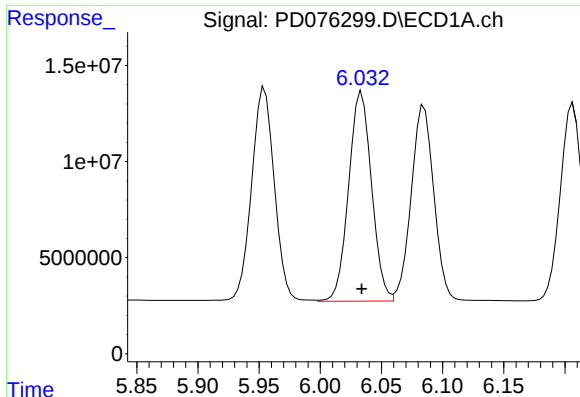
#10 gamma-Chlordane

R.T.: 5.955 min  
Delta R.T.: 0.000 min  
Response: 145641703  
Conc: 45.21 ng/ml



#10 gamma-Chlordane

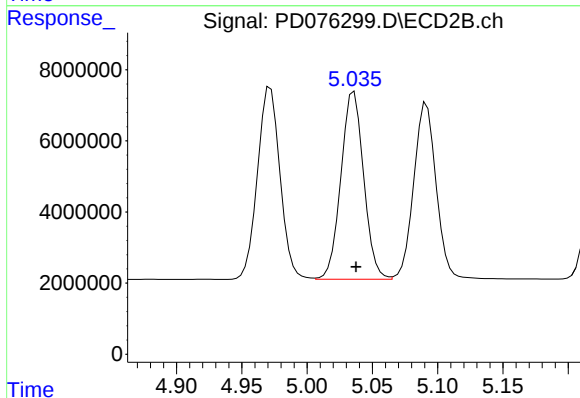
R.T.: 4.972 min  
Delta R.T.: -0.001 min  
Response: 65037518  
Conc: 47.40 ng/ml



#11 alpha-Chlordane

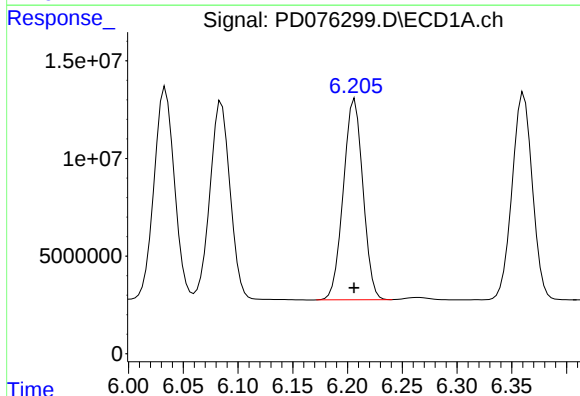
R.T.: 6.034 min  
Delta R.T.: 0.000 min  
Response: 142462027  
Conc: 44.07 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



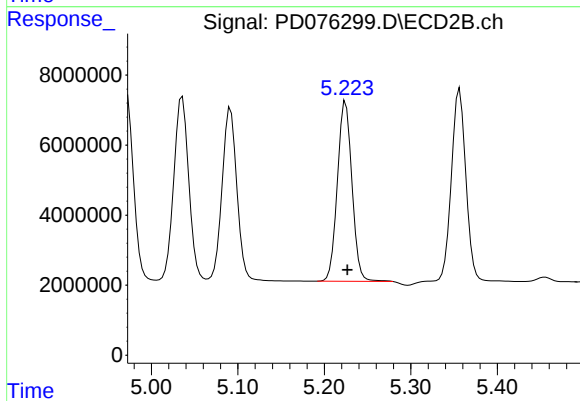
#11 alpha-Chlordane

R.T.: 5.036 min  
Delta R.T.: -0.002 min  
Response: 64088844  
Conc: 46.72 ng/ml



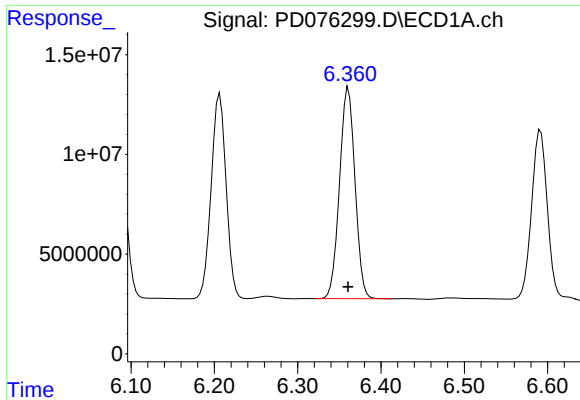
#12 4,4'-DDE

R.T.: 6.207 min  
Delta R.T.: 0.000 min  
Response: 128267218  
Conc: 44.88 ng/ml



#12 4,4'-DDE

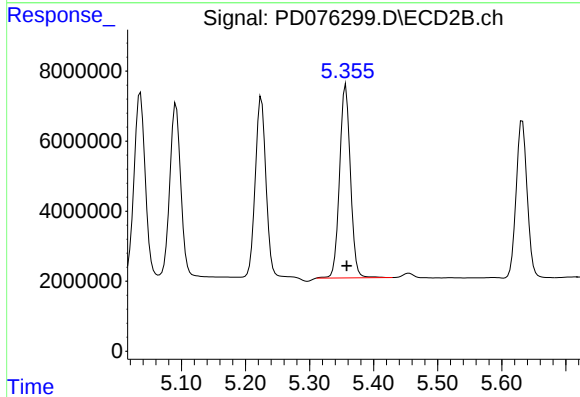
R.T.: 5.225 min  
Delta R.T.: -0.002 min  
Response: 59967408  
Conc: 53.73 ng/ml



#13 Dieldrin

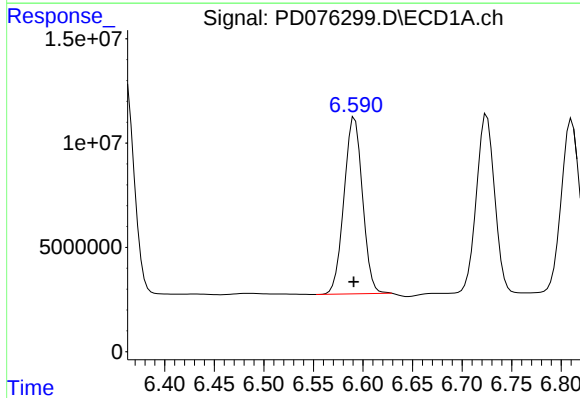
R.T.: 6.361 min  
Delta R.T.: 0.000 min  
Response: 136662533  
Conc: 43.73 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



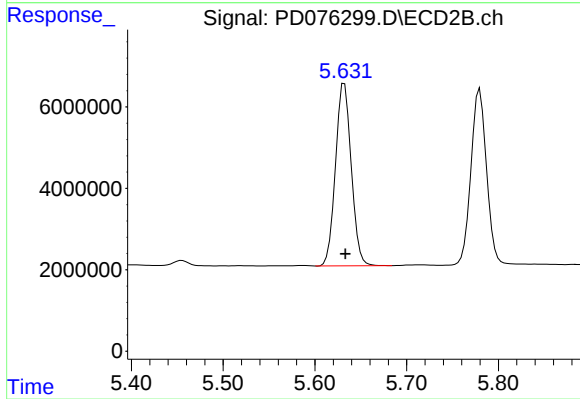
#13 Dieldrin

R.T.: 5.357 min  
Delta R.T.: -0.002 min  
Response: 64986418  
Conc: 48.17 ng/ml



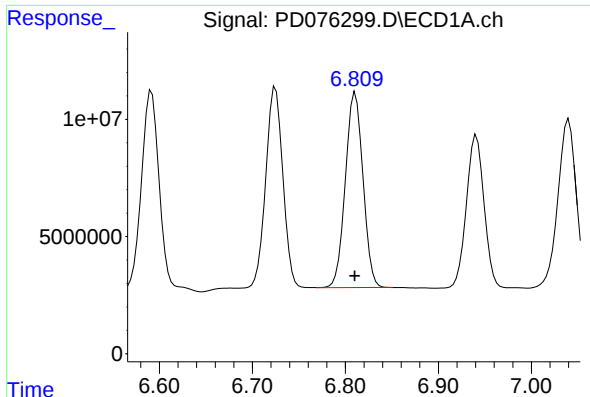
#14 Endrin

R.T.: 6.592 min  
Delta R.T.: 0.001 min  
Response: 109937393  
Conc: 41.11 ng/ml



#14 Endrin

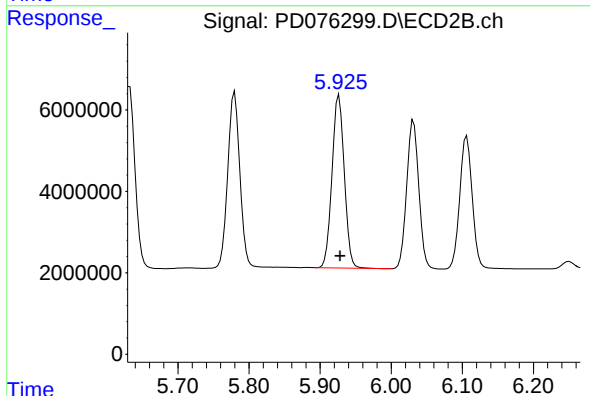
R.T.: 5.632 min  
Delta R.T.: -0.001 min  
Response: 53582547  
Conc: 44.03 ng/ml



#15 Endosulfan II

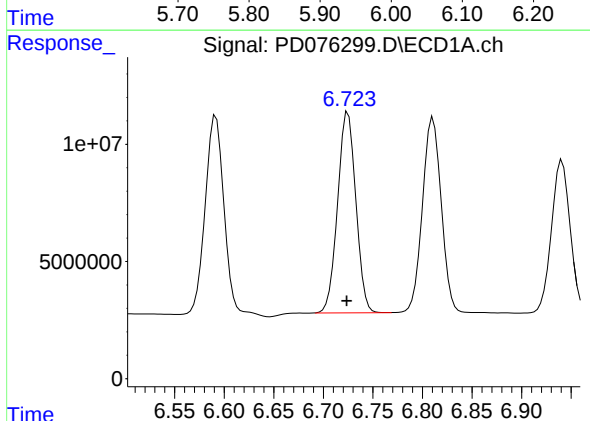
R.T.: 6.811 min  
Delta R.T.: 0.000 min  
Response: 109784525  
Conc: 42.49 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



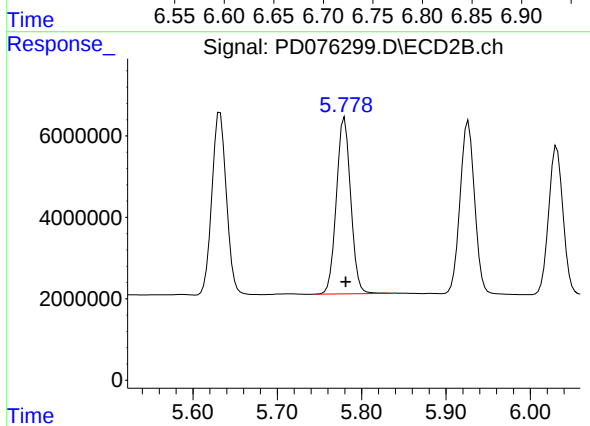
#15 Endosulfan II

R.T.: 5.927 min  
Delta R.T.: -0.001 min  
Response: 50927718  
Conc: 47.21 ng/ml



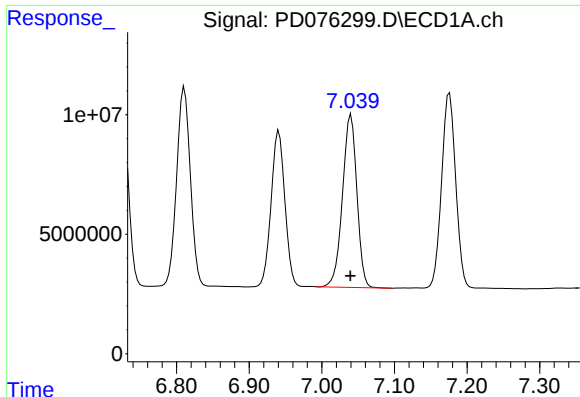
#16 4,4'-DDD

R.T.: 6.725 min  
Delta R.T.: 0.001 min  
Response: 109682917  
Conc: 48.20 ng/ml



#16 4,4'-DDD

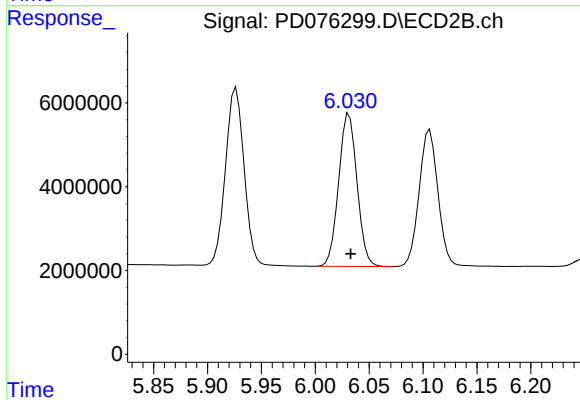
R.T.: 5.780 min  
Delta R.T.: -0.001 min  
Response: 51230664  
Conc: 58.13 ng/ml



#17 4,4'-DDT

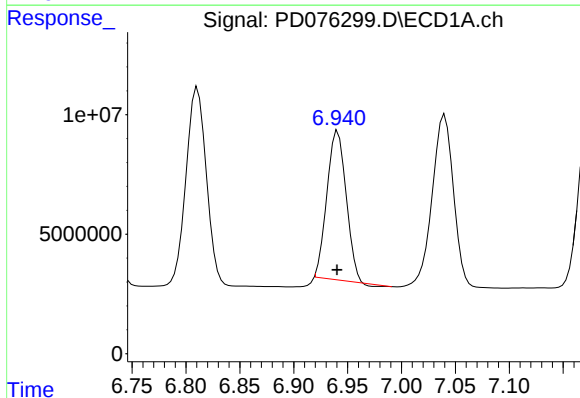
R.T.: 7.040 min  
Delta R.T.: 0.000 min  
Response: 99615752  
Conc: 43.90 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



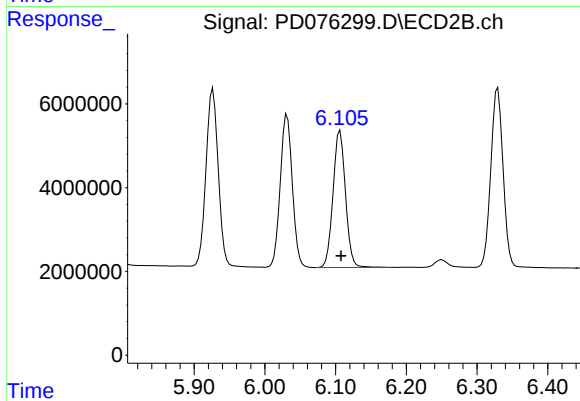
#17 4,4'-DDT

R.T.: 6.031 min  
Delta R.T.: -0.002 min  
Response: 43279710  
Conc: 53.28 ng/ml



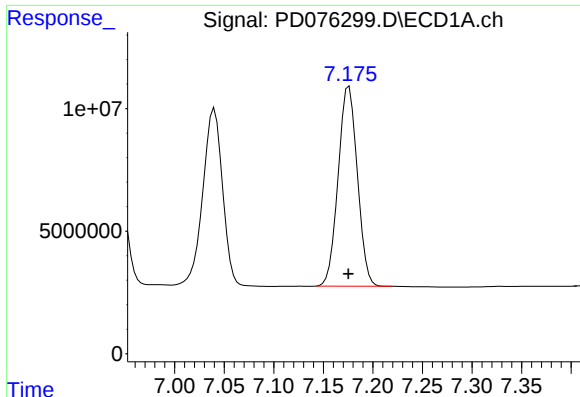
#18 Endrin aldehyde

R.T.: 6.941 min  
Delta R.T.: 0.000 min  
Response: 76016296  
Conc: 37.88 ng/ml



#18 Endrin aldehyde

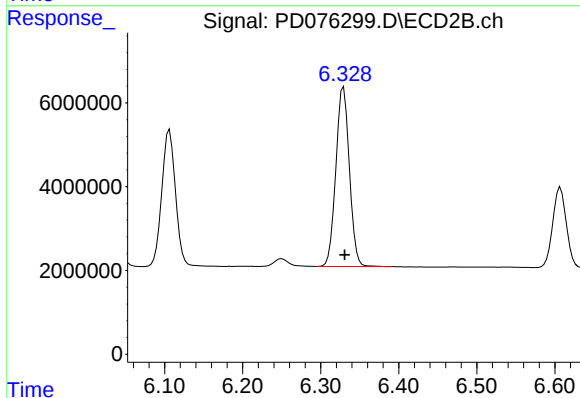
R.T.: 6.106 min  
Delta R.T.: -0.001 min  
Response: 39908935  
Conc: 46.11 ng/ml



#19 Endosulfan Sulfate

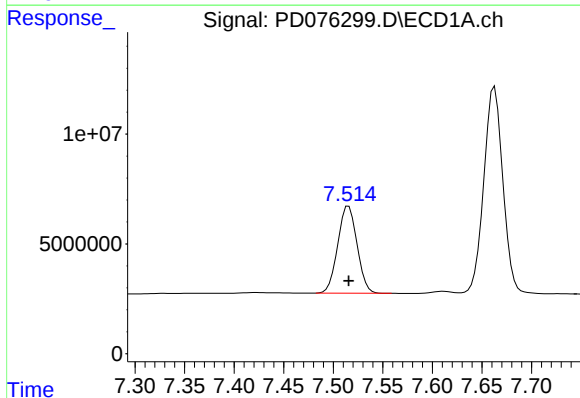
R.T.: 7.176 min  
Delta R.T.: 0.000 min  
Response: 110043677  
Conc: 43.68 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



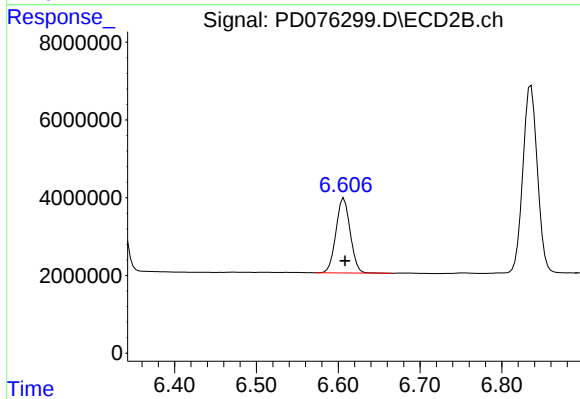
#19 Endosulfan Sulfate

R.T.: 6.329 min  
Delta R.T.: -0.001 min  
Response: 51613495  
Conc: 47.76 ng/ml



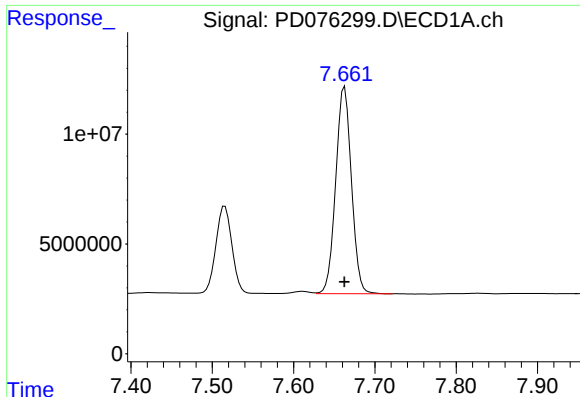
#20 Methoxychlor

R.T.: 7.516 min  
Delta R.T.: 0.000 min  
Response: 53801869  
Conc: 41.57 ng/ml



#20 Methoxychlor

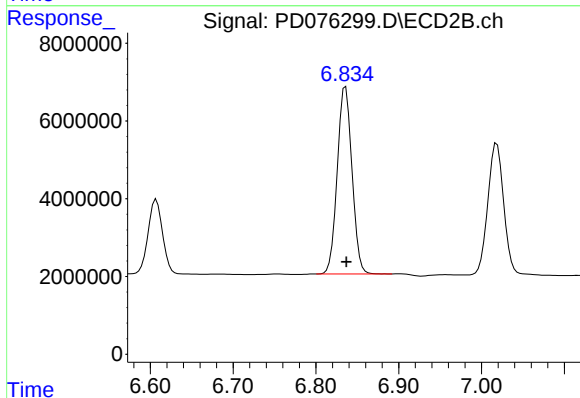
R.T.: 6.607 min  
Delta R.T.: 0.000 min  
Response: 23269514  
Conc: 50.28 ng/ml



#21 Endrin ketone

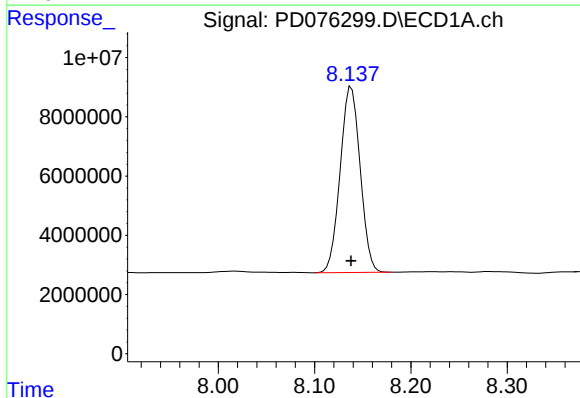
R.T.: 7.663 min  
Delta R.T.: 0.000 min  
Response: 126349720  
Conc: 45.35 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



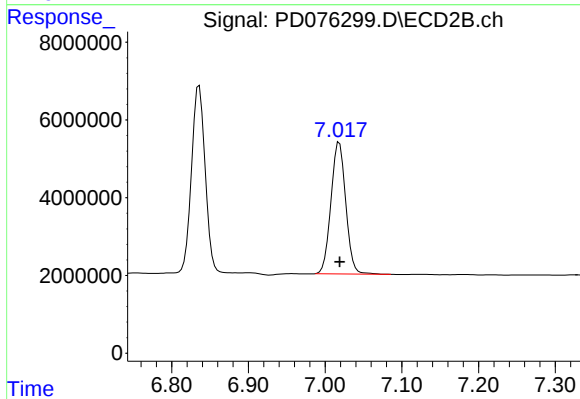
#21 Endrin ketone

R.T.: 6.836 min  
Delta R.T.: -0.001 min  
Response: 59533948  
Conc: 49.00 ng/ml



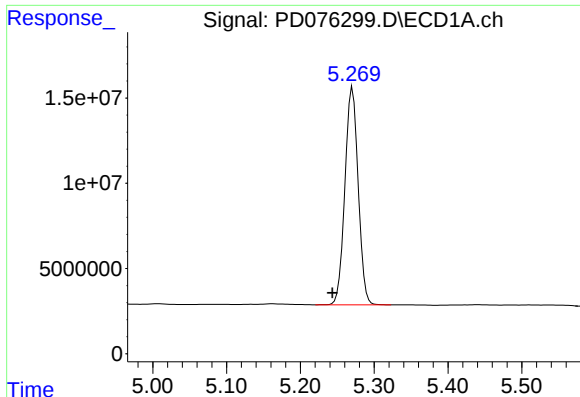
#22 Mirex

R.T.: 8.138 min  
Delta R.T.: 0.000 min  
Response: 90243214  
Conc: 42.12 ng/ml



#22 Mirex

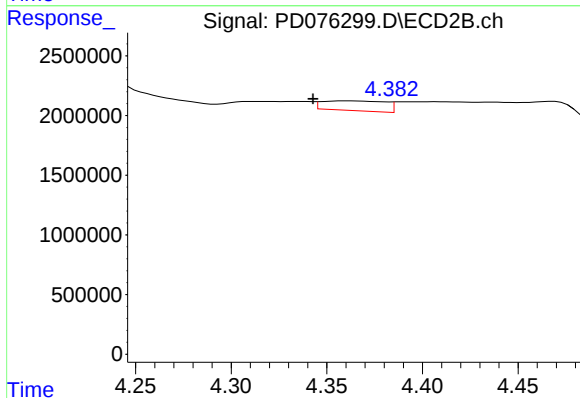
R.T.: 7.018 min  
Delta R.T.: 0.000 min  
Response: 45392178  
Conc: 43.30 ng/ml



#24 Chlordane-2

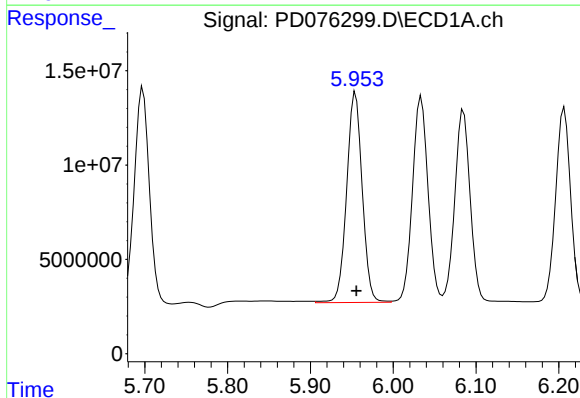
R.T.: 5.271 min  
Delta R.T.: 0.027 min  
Response: 159166072  
Conc: 1209.39 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



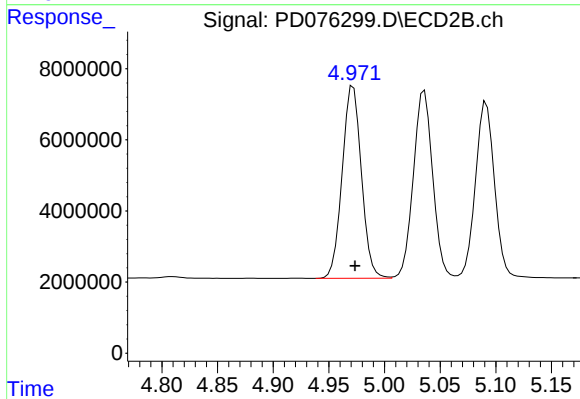
#24 Chlordane-2

R.T.: 4.361 min  
Delta R.T.: 0.018 min  
Response: 1873595  
Conc: 35.34 ng/ml



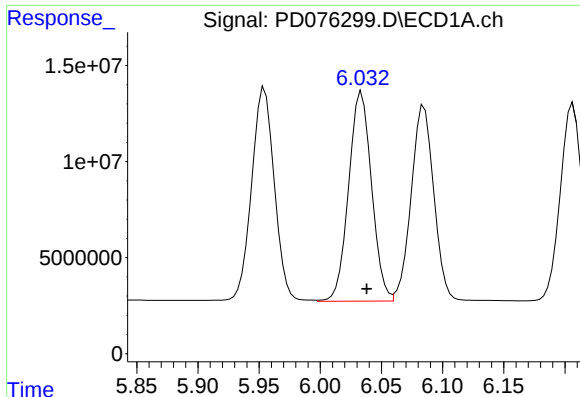
#25 Chlordane-3

R.T.: 5.955 min  
Delta R.T.: -0.001 min  
Response: 145641703  
Conc: 280.45 ng/ml



#25 Chlordane-3

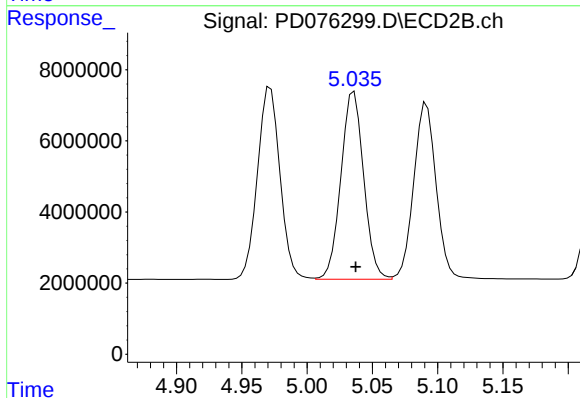
R.T.: 4.972 min  
Delta R.T.: -0.002 min  
Response: 65037518  
Conc: 438.08 ng/ml



#26 Chlordane-4

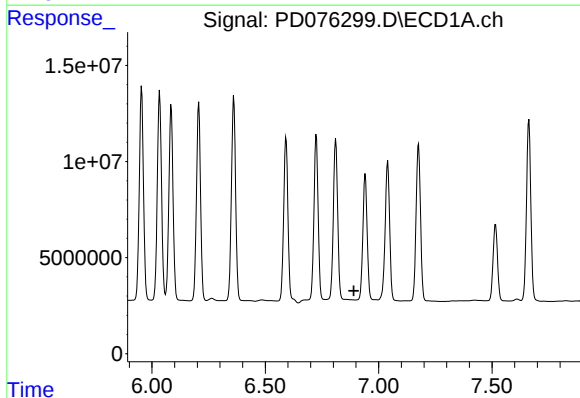
R.T.: 6.034 min  
Delta R.T.: -0.004 min  
Response: 142462027  
Conc: 226.05 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



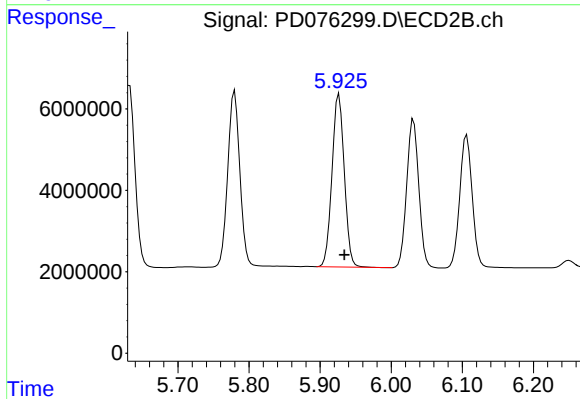
#26 Chlordane-4

R.T.: 5.036 min  
Delta R.T.: -0.001 min  
Response: 64088844  
Conc: 436.70 ng/ml



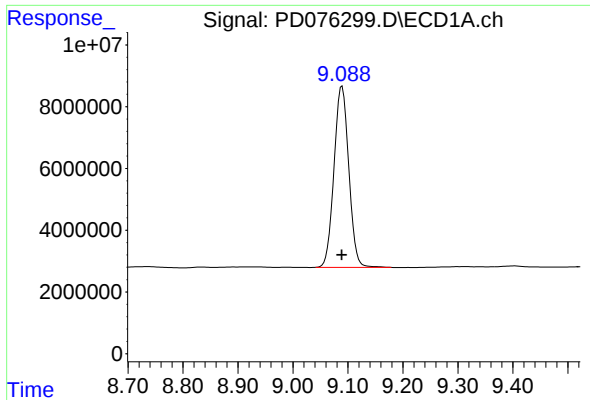
#27 Chlordane-5

R.T.: 0.000 min  
Exp R.T. : 6.890 min  
Response: 0  
Conc: N.D.



#27 Chlordane-5

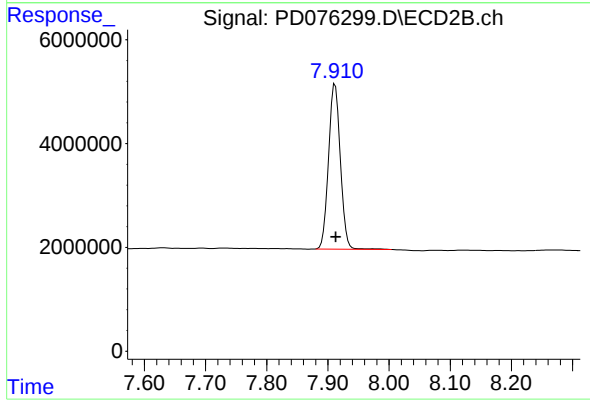
R.T.: 5.927 min  
Delta R.T.: -0.008 min  
Response: 50927718  
Conc: 1052.93 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.089 min  
Delta R.T.: 0.000 min  
Response: 109530187  
Conc: 43.24 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



#28 Decachlorobiphenyl

R.T.: 7.912 min  
Delta R.T.: 0.000 min  
Response: 42700267  
Conc: 43.67 ng/ml