

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD102824\  
 Data File : PD086229.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 28 Oct 2024 13:48  
 Operator : AR\AJ  
 Sample : P4476-03DL 10X  
 Misc :  
 ALS Vial : 12 Sample Multiplier: 1

Instrument :  
 ECD\_D  
 ClientSampleId :  
 XA102DL

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Oct 29 02:30:46 2024  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD102524CLP.M  
 Quant Title : GC Extractables  
 QLast Update : Fri Oct 25 14:36:38 2024  
 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 x 0.25µm

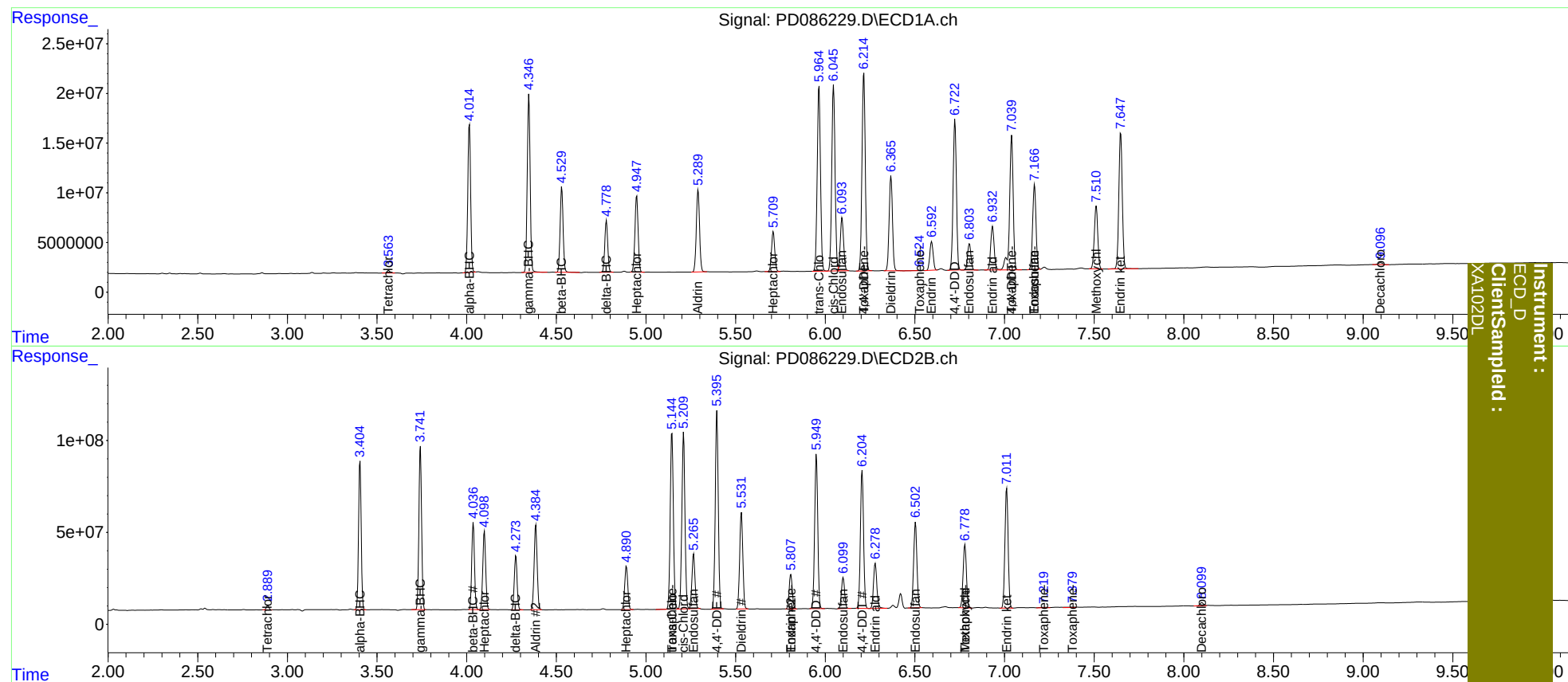
|                             | Compound        | RT#1   | RT#2   | Resp#1   | Resp#2   | ng/ml     | ng/ml      |
|-----------------------------|-----------------|--------|--------|----------|----------|-----------|------------|
| -----                       |                 |        |        |          |          |           |            |
| System Monitoring Compounds |                 |        |        |          |          |           |            |
| 1)                          | SA Tetrachlo... | 3.565  | 2.891  | 2986861  | 23183185 | 2.269     | 2.499      |
| 27)                         | SA Decachlor... | 9.097  | 8.101  | 3469989  | 22395210 | 1.936     | 2.368      |
| Target Compounds            |                 |        |        |          |          |           |            |
| 2)                          | A alpha-BHC     | 4.015  | 3.405  | 163.6E6  | 823.0E6  | 65.727    | 57.282     |
| 3)                          | MA gamma-BHC... | 4.347  | 3.742  | 201.2E6  | 934.9E6  | 80.873    | 69.318     |
| 4)                          | MA Heptachlor   | 4.949  | 4.099  | 94839529 | 483.0E6  | 38.363    | 35.354     |
| 5)                          | MB Aldrin       | 5.291  | 4.386  | 104.0E6  | 543.6E6  | 42.918    | 40.069     |
| 6)                          | B beta-BHC      | 4.531  | 4.037  | 99177905 | 501.8E6  | 89.304    | 80.038     |
| 7)                          | B delta-BHC     | 4.780  | 4.274  | 59313903 | 319.1E6  | 22.914    | 22.742     |
| 8)                          | B Heptachlo...  | 5.710  | 4.891  | 50213129 | 280.0E6  | 21.973    | 22.327     |
| 9)                          | A Endosulfan I  | 6.094  | 5.266  | 69345341 | 355.3E6  | 34.236    | 30.943     |
| 10)                         | B trans-Chl...  | 5.965  | 5.145  | 236.1E6  | 1171.6E6 | 106.991   | 89.065     |
| 11)                         | B cis-Chlor...  | 6.046  | 5.210  | 239.0E6  | 1150.5E6 | 108.108   | 90.585     |
| 12)                         | B 4,4'-DDE      | 6.215  | 5.396  | 252.2E6  | 1255.9E6 | 118.072   | 102.428    |
| 13)                         | MA Dieldrin     | 6.367  | 5.533  | 123.2E6  | 642.3E6  | 54.007    | 52.061     |
| 14)                         | MA Endrin       | 6.594  | 5.808  | 37308621 | 232.5E6  | 19.849    | 20.689     |
| 15)                         | B Endosulfa...  | 6.804  | 6.100  | 34114016 | 209.9E6  | 17.017    | 19.026     |
| 16)                         | A 4,4'-DDD      | 6.724  | 5.951  | 192.7E6  | 1002.4E6 | 118.931   | 102.115    |
| 17)                         | MA 4,4'-DDT     | 7.040  | 6.206  | 191.9E6  | 920.8E6  | 115.072   | 89.729     |
| 18)                         | B Endrin al...  | 6.933  | 6.279  | 58834409 | 317.2E6  | 39.440    | 38.218     |
| 19)                         | B Endosulfa...  | 7.167  | 6.503  | 110.3E6  | 587.5E6  | 59.813    | 55.736     |
| 20)                         | A Methoxychlor  | 7.512  | 6.779  | 84479492 | 440.4E6  | 89.765    | 92.652     |
| 21)                         | B Endrin ke...  | 7.648  | 7.012  | 184.4E6  | 809.1E6  | 89.467    | 70.707     |
| 22)                         | Toxaphene-1     | 6.215f | 5.145  | 252.2E6  | 1171.6E6 | 18188.175 | 17849.948  |
| 23)                         | Toxaphene-2     | 6.525f | 5.808f | 402546   | 232.5E6  | 20.267    | 3318.324 # |
| 24)                         | Toxaphene-3     | 7.040  | 6.779  | 191.9E6  | 440.4E6  | 3586.954  | 1916.582 # |
| 25)                         | Toxaphene-4     | 7.167  | 7.221  | 110.3E6  | 7324136  | 2775.602  | 45.128 #   |
| 26)                         | Toxaphene-5     | 0.000  | 7.380  | 0        | 8653725  | N.D.      | 73.994     |
| -----                       |                 |        |        |          |          |           |            |

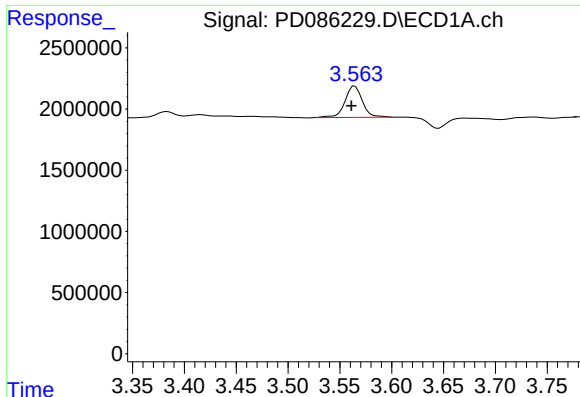
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD102824\  
Data File : PD086229.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 28 Oct 2024 13:48  
Operator : AR\AJ  
Sample : P4476-03DL 10X  
Misc :  
ALS Vial : 12 Sample Multiplier: 1

Integration File signal 1: autoint1.e  
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Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD102524CLP.M  
Quant Title : GC Extractables  
QLast Update : Fri Oct 25 14:36:38 2024  
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Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm

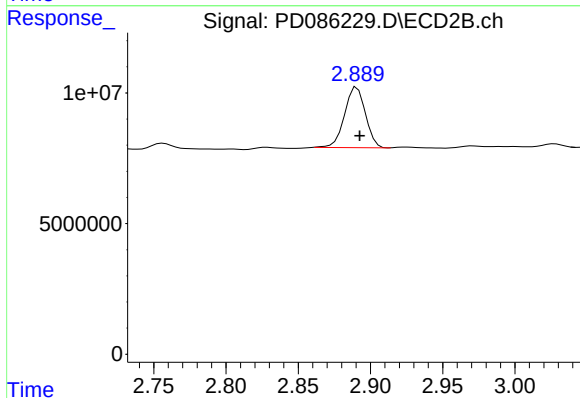




#1 Tetrachloro-m-xylene

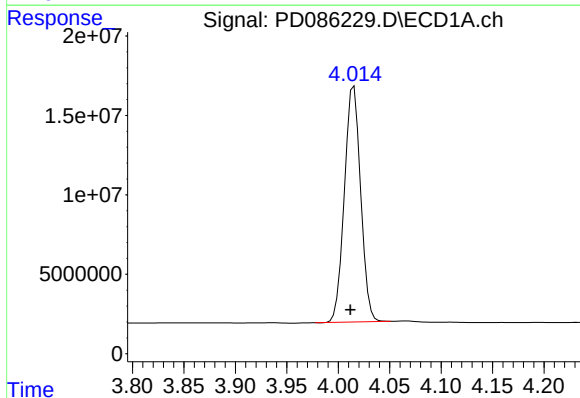
R.T.: 3.565 min  
Delta R.T.: 0.004 min  
Response: 2986861  
Conc: 2.27 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
XA102DL



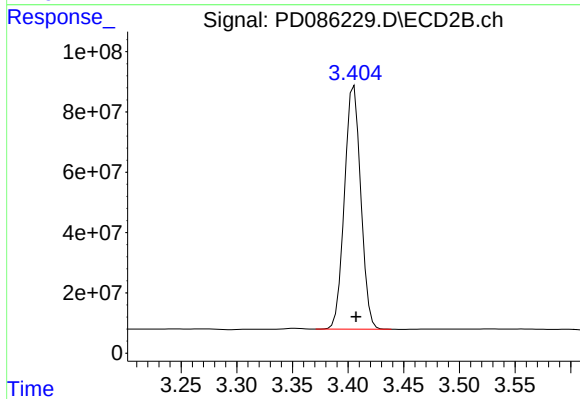
#1 Tetrachloro-m-xylene

R.T.: 2.891 min  
Delta R.T.: -0.002 min  
Response: 23183185  
Conc: 2.50 ng/ml



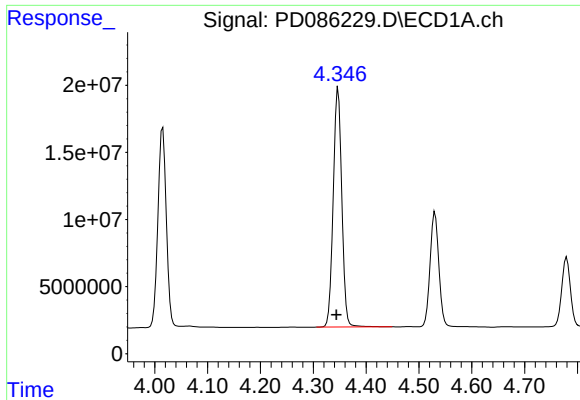
#2 alpha-BHC

R.T.: 4.015 min  
Delta R.T.: 0.003 min  
Response: 163621730  
Conc: 65.73 ng/ml



#2 alpha-BHC

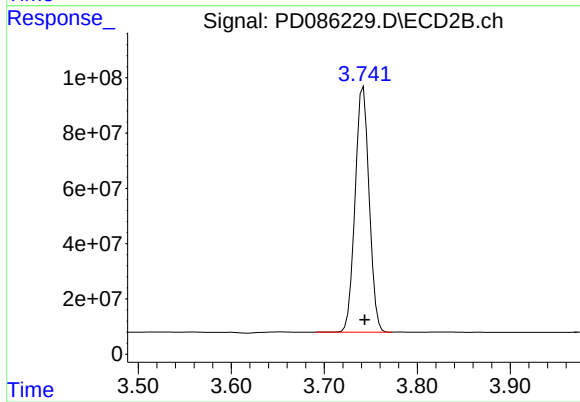
R.T.: 3.405 min  
Delta R.T.: -0.002 min  
Response: 823000061  
Conc: 57.28 ng/ml



#3 gamma-BHC (Lindane)

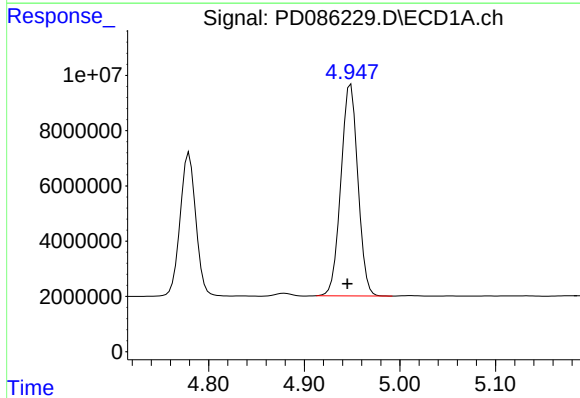
R.T.: 4.347 min  
Delta R.T.: 0.004 min  
Response: 201211628  
Conc: 80.87 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
XA102DL



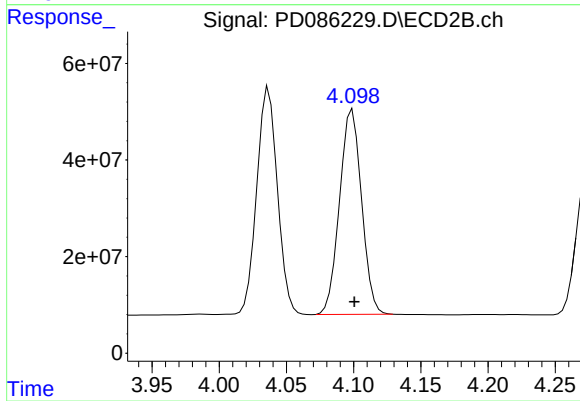
#3 gamma-BHC (Lindane)

R.T.: 3.742 min  
Delta R.T.: -0.001 min  
Response: 934936973  
Conc: 69.32 ng/ml



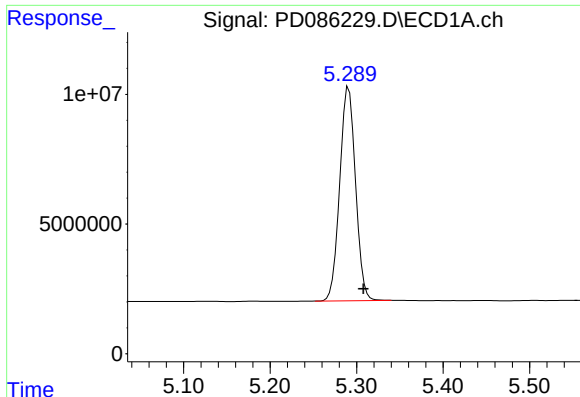
#4 Heptachlor

R.T.: 4.949 min  
Delta R.T.: 0.003 min  
Response: 94839529  
Conc: 38.36 ng/ml



#4 Heptachlor

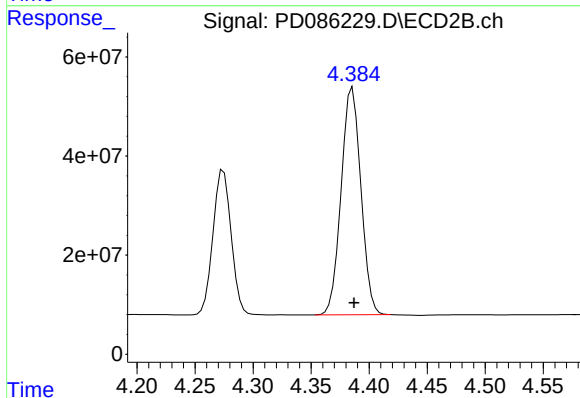
R.T.: 4.099 min  
Delta R.T.: -0.001 min  
Response: 483003090  
Conc: 35.35 ng/ml



#5 Aldrin

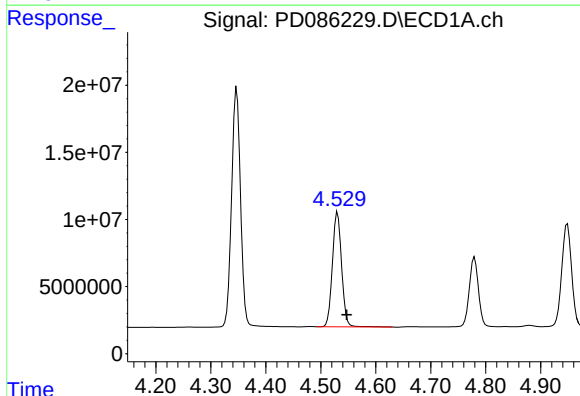
R.T.: 5.291 min  
Delta R.T.: -0.017 min  
Response: 104018976  
Conc: 42.92 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
XA102DL



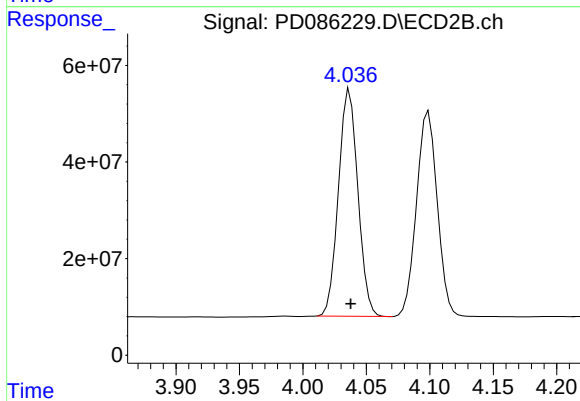
#5 Aldrin

R.T.: 4.386 min  
Delta R.T.: -0.001 min  
Response: 543604745  
Conc: 40.07 ng/ml



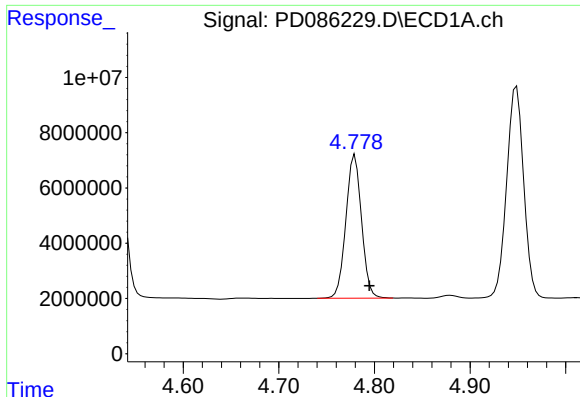
#6 beta-BHC

R.T.: 4.531 min  
Delta R.T.: -0.017 min  
Response: 99177905  
Conc: 89.30 ng/ml



#6 beta-BHC

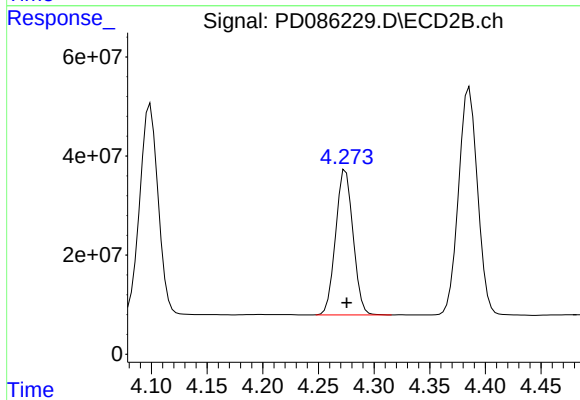
R.T.: 4.037 min  
Delta R.T.: 0.000 min  
Response: 501828600  
Conc: 80.04 ng/ml



#7 delta-BHC

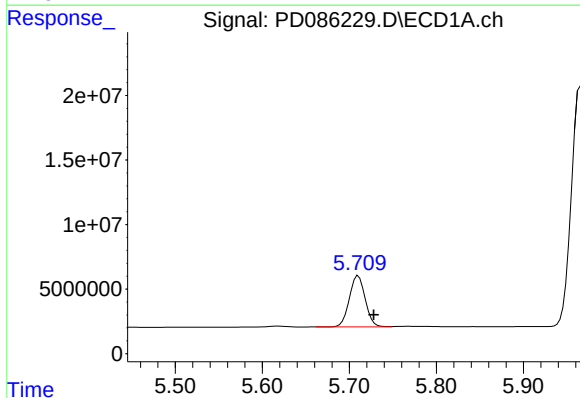
R.T.: 4.780 min  
Delta R.T.: -0.015 min  
Response: 59313903  
Conc: 22.91 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
XA102DL



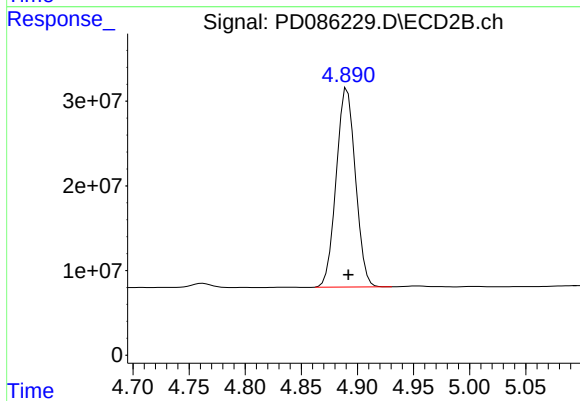
#7 delta-BHC

R.T.: 4.274 min  
Delta R.T.: -0.001 min  
Response: 319112180  
Conc: 22.74 ng/ml



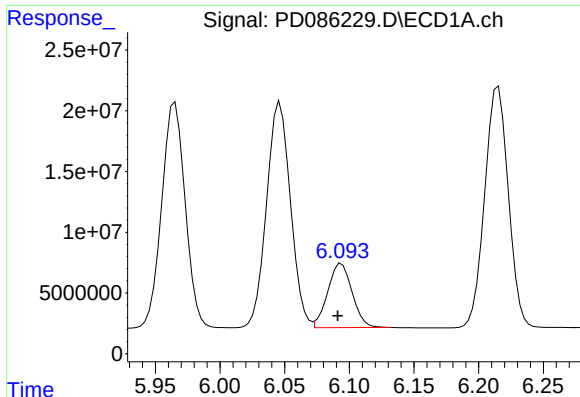
#8 Heptachlor epoxide

R.T.: 5.710 min  
Delta R.T.: -0.018 min  
Response: 50213129  
Conc: 21.97 ng/ml



#8 Heptachlor epoxide

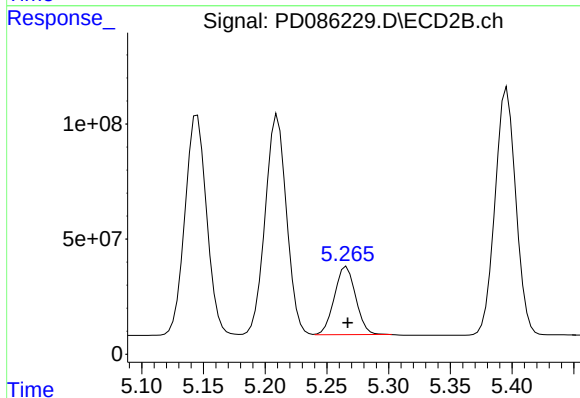
R.T.: 4.891 min  
Delta R.T.: -0.001 min  
Response: 279969364  
Conc: 22.33 ng/ml



#9 Endosulfan I

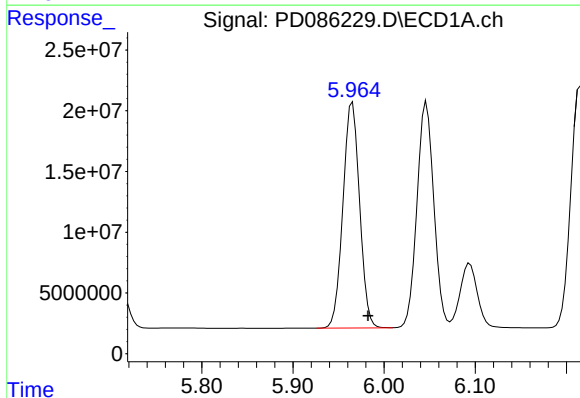
R.T.: 6.094 min  
Delta R.T.: 0.003 min  
Response: 69345341  
Conc: 34.24 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
XA102DL



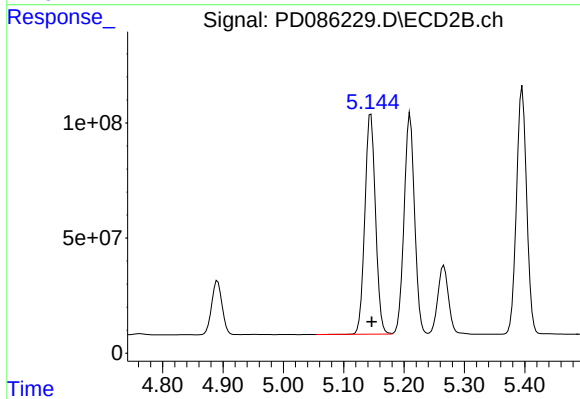
#9 Endosulfan I

R.T.: 5.266 min  
Delta R.T.: 0.000 min  
Response: 355269432  
Conc: 30.94 ng/ml



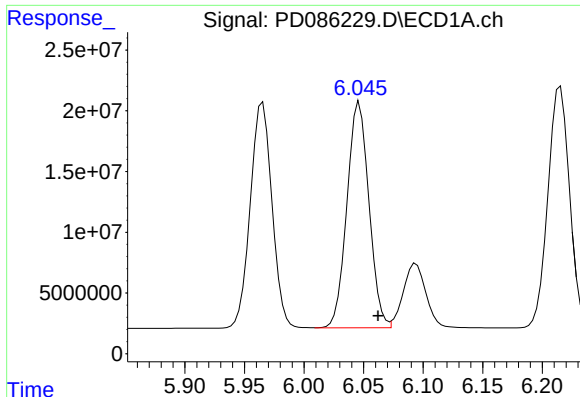
#10 trans-Chlordane

R.T.: 5.965 min  
Delta R.T.: -0.017 min  
Response: 236081957  
Conc: 106.99 ng/ml



#10 trans-Chlordane

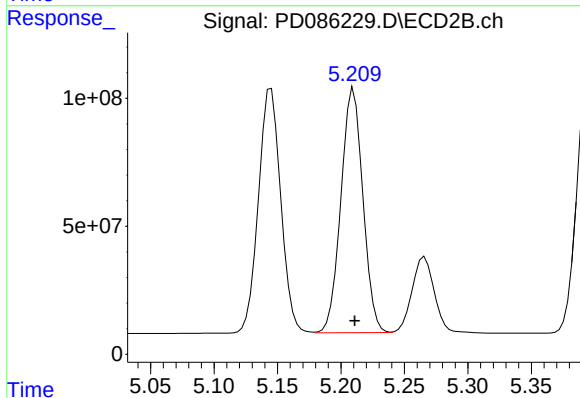
R.T.: 5.145 min  
Delta R.T.: -0.001 min  
Response: 1171618137  
Conc: 89.07 ng/ml



#11 cis-Chlordane

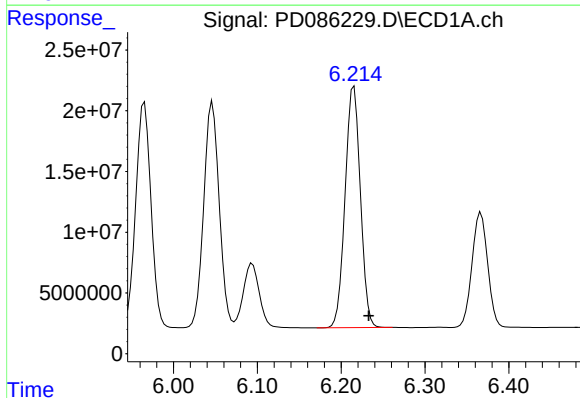
R.T.: 6.046 min  
Delta R.T.: -0.016 min  
Response: 239038835  
Conc: 108.11 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
XA102DL



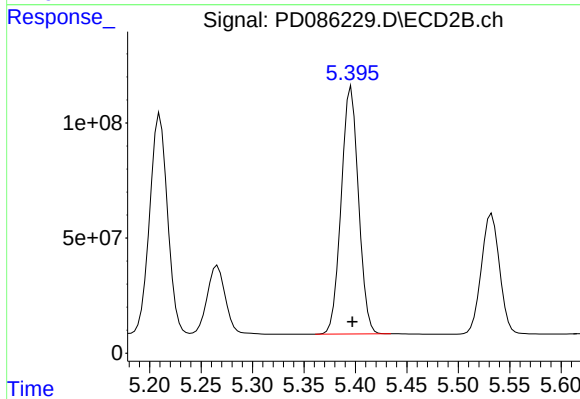
#11 cis-Chlordane

R.T.: 5.210 min  
Delta R.T.: 0.000 min  
Response: 1150541353  
Conc: 90.59 ng/ml



#12 4,4'-DDE

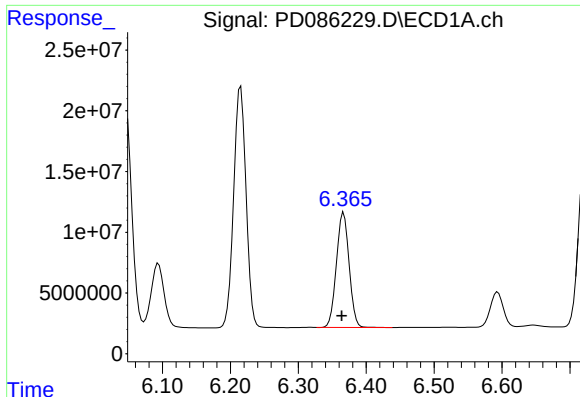
R.T.: 6.215 min  
Delta R.T.: -0.017 min  
Response: 252191796  
Conc: 118.07 ng/ml



#12 4,4'-DDE

R.T.: 5.396 min  
Delta R.T.: 0.000 min  
Response: 1255905919  
Conc: 102.43 ng/ml

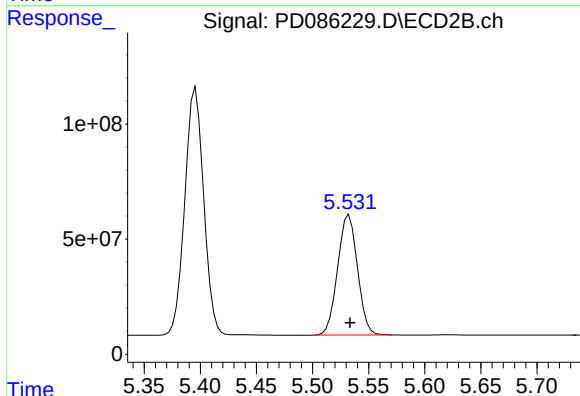




#13 Dieldrin

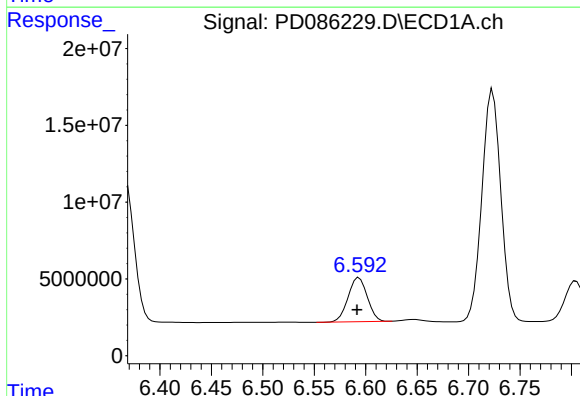
R.T.: 6.367 min  
Delta R.T.: 0.003 min  
Response: 123186531  
Conc: 54.01 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
XA102DL



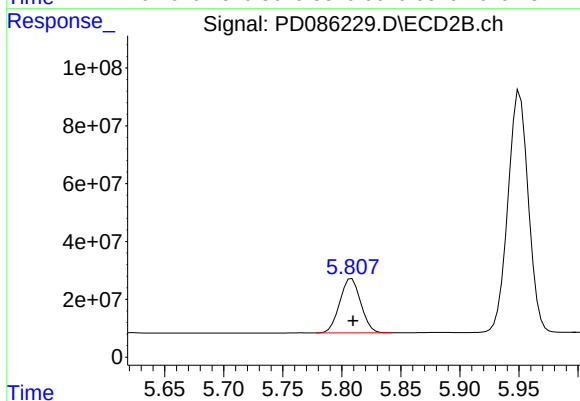
#13 Dieldrin

R.T.: 5.533 min  
Delta R.T.: 0.000 min  
Response: 642306805  
Conc: 52.06 ng/ml



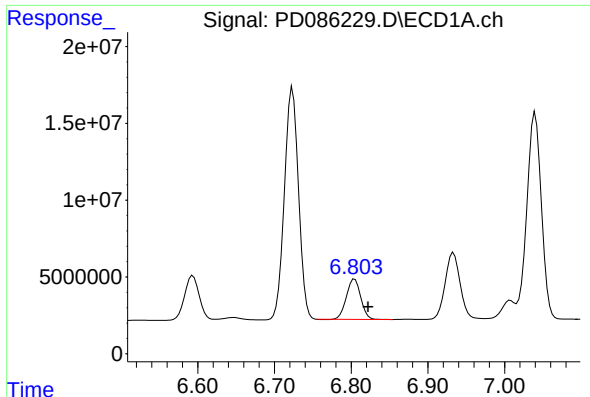
#14 Endrin

R.T.: 6.594 min  
Delta R.T.: 0.002 min  
Response: 37308621  
Conc: 19.85 ng/ml



#14 Endrin

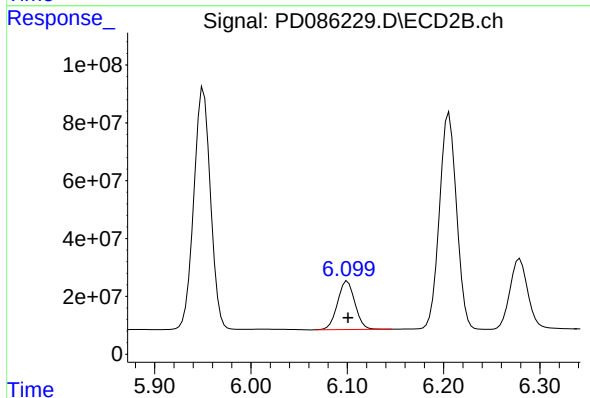
R.T.: 5.808 min  
Delta R.T.: -0.001 min  
Response: 232498024  
Conc: 20.69 ng/ml



#15 Endosulfan II

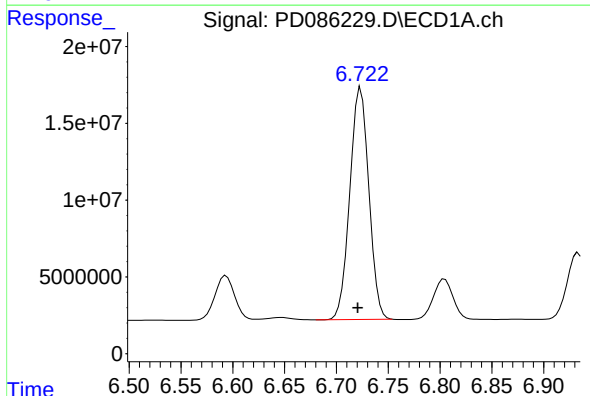
R.T.: 6.804 min  
Delta R.T.: -0.017 min  
Response: 34114016  
Conc: 17.02 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
XA102DL



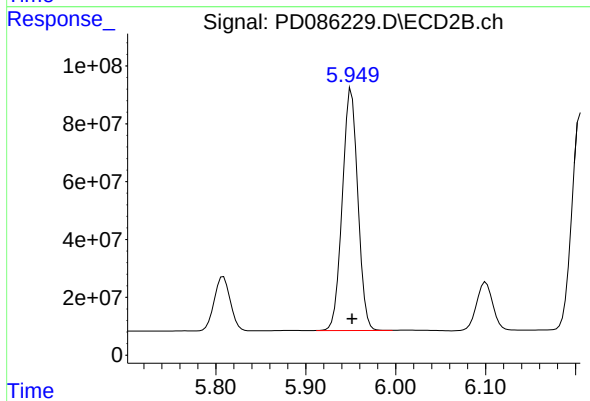
#15 Endosulfan II

R.T.: 6.100 min  
Delta R.T.: 0.000 min  
Response: 209912767  
Conc: 19.03 ng/ml



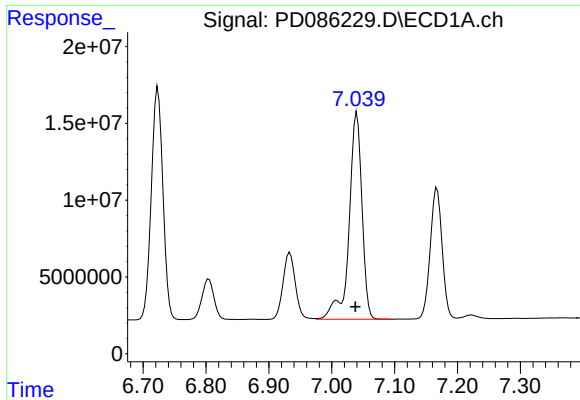
#16 4,4'-DDD

R.T.: 6.724 min  
Delta R.T.: 0.003 min  
Response: 192717676  
Conc: 118.93 ng/ml



#16 4,4'-DDD

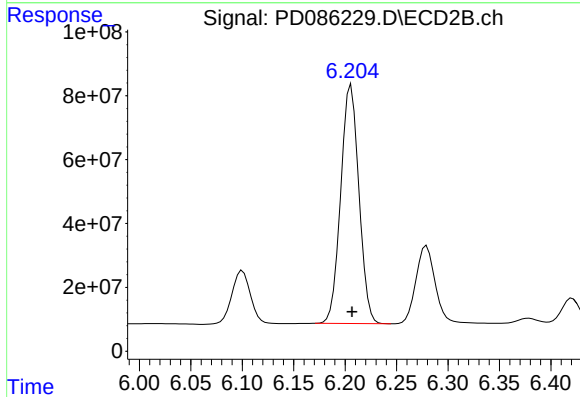
R.T.: 5.951 min  
Delta R.T.: 0.000 min  
Response: 1002383769  
Conc: 102.11 ng/ml



#17 4,4'-DDT

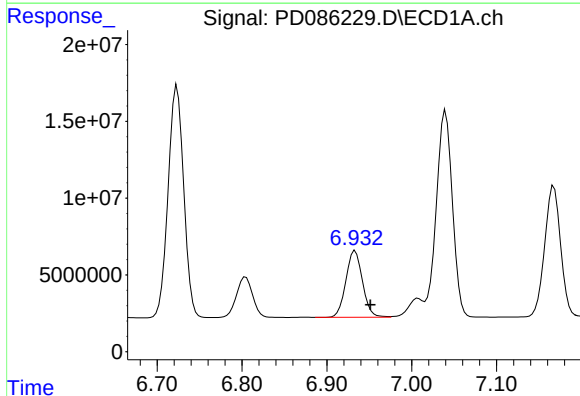
R.T.: 7.040 min  
Delta R.T.: 0.002 min  
Response: 191852270  
Conc: 115.07 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
XA102DL



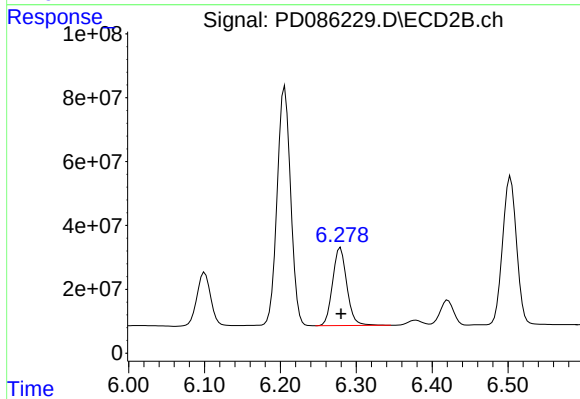
#17 4,4'-DDT

R.T.: 6.206 min  
Delta R.T.: 0.000 min  
Response: 920787810  
Conc: 89.73 ng/ml



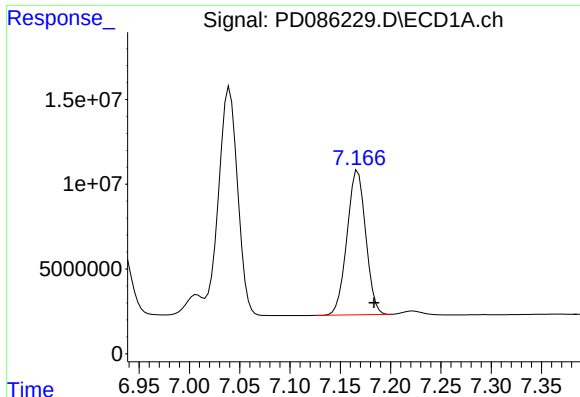
#18 Endrin aldehyde

R.T.: 6.933 min  
Delta R.T.: -0.018 min  
Response: 58834409  
Conc: 39.44 ng/ml



#18 Endrin aldehyde

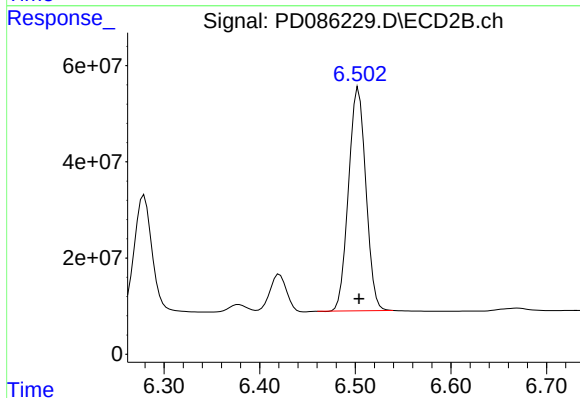
R.T.: 6.279 min  
Delta R.T.: 0.000 min  
Response: 317248365  
Conc: 38.22 ng/ml



#19 Endosulfan Sulfate

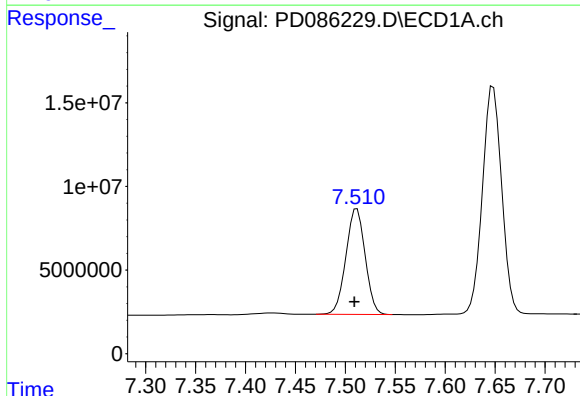
R.T.: 7.167 min  
Delta R.T.: -0.016 min  
Response: 110255201  
Conc: 59.81 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
XA102DL



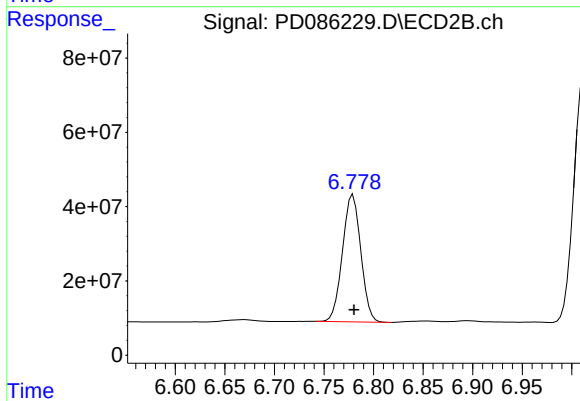
#19 Endosulfan Sulfate

R.T.: 6.503 min  
Delta R.T.: 0.000 min  
Response: 587535448  
Conc: 55.74 ng/ml



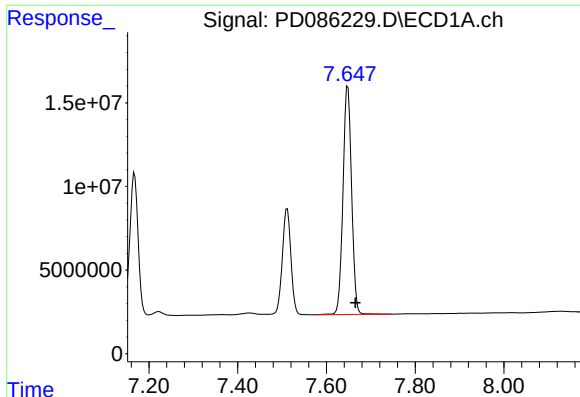
#20 Methoxychlor

R.T.: 7.512 min  
Delta R.T.: 0.002 min  
Response: 84479492  
Conc: 89.77 ng/ml



#20 Methoxychlor

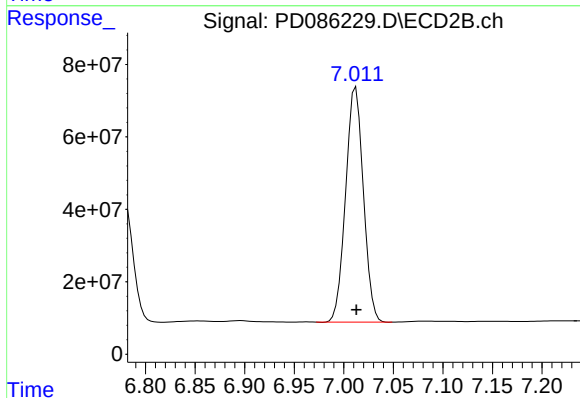
R.T.: 6.779 min  
Delta R.T.: 0.000 min  
Response: 440401740  
Conc: 92.65 ng/ml



#21 Endrin ketone

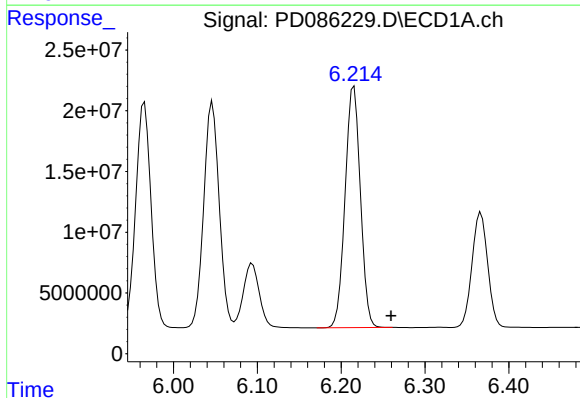
R.T.: 7.648 min  
Delta R.T.: -0.017 min  
Response: 184368505  
Conc: 89.47 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
XA102DL



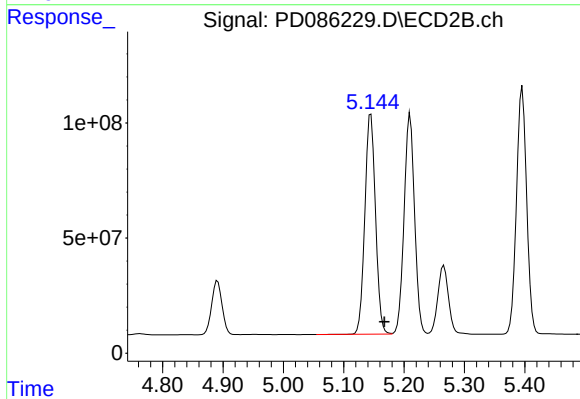
#21 Endrin ketone

R.T.: 7.012 min  
Delta R.T.: 0.000 min  
Response: 809092684  
Conc: 70.71 ng/ml



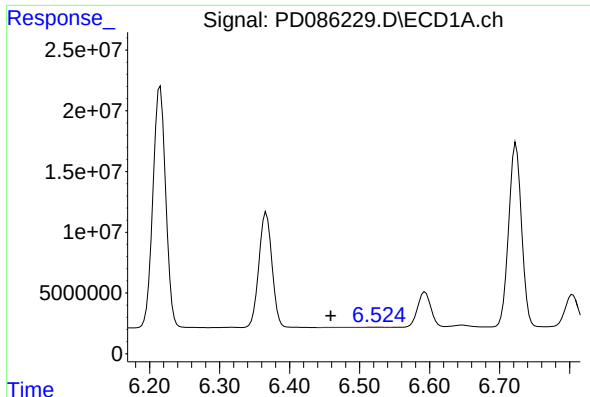
#22 Toxaphene-1

R.T.: 6.215 min  
Delta R.T.: -0.044 min  
Response: 252191796  
Conc: 18188.18 ng/ml



#22 Toxaphene-1

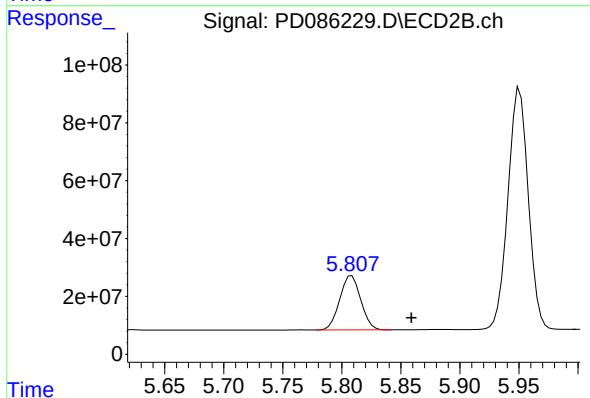
R.T.: 5.145 min  
Delta R.T.: -0.023 min  
Response: 1171618137  
Conc: 17849.95 ng/ml



#23 Toxaphene-2

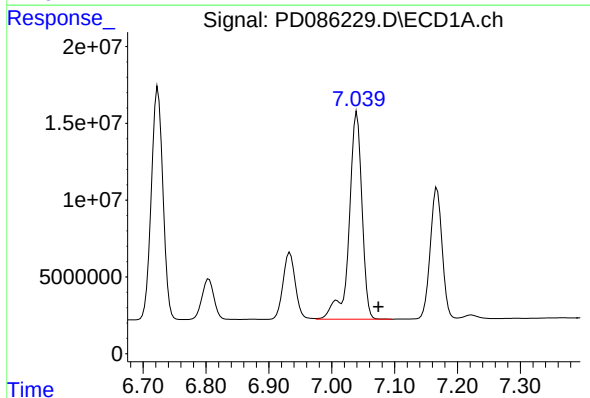
R.T.: 6.525 min  
Delta R.T.: 0.067 min  
Response: 402546  
Conc: 20.27 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
XA102DL



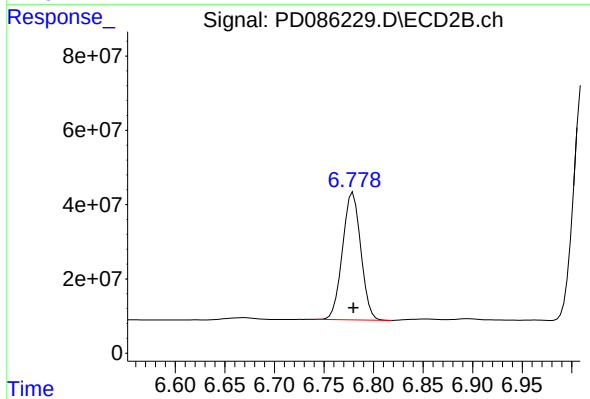
#23 Toxaphene-2

R.T.: 5.808 min  
Delta R.T.: -0.051 min  
Response: 232498024  
Conc: 3318.32 ng/ml



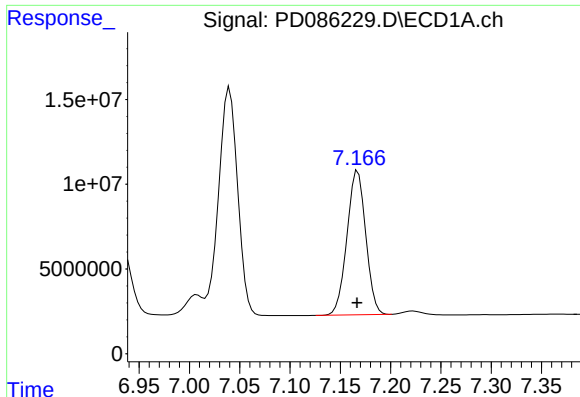
#24 Toxaphene-3

R.T.: 7.040 min  
Delta R.T.: -0.034 min  
Response: 191852270  
Conc: 3586.95 ng/ml



#24 Toxaphene-3

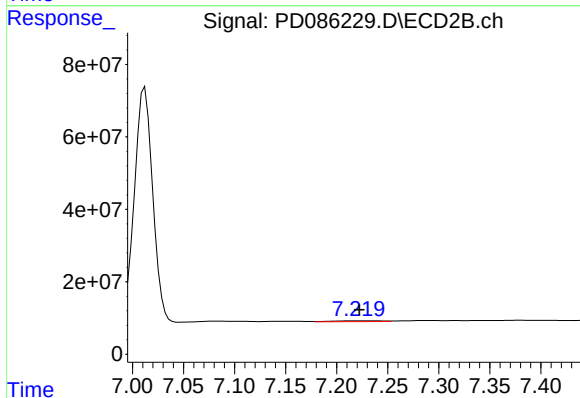
R.T.: 6.779 min  
Delta R.T.: 0.000 min  
Response: 440401740  
Conc: 1916.58 ng/ml



#25 Toxaphene-4

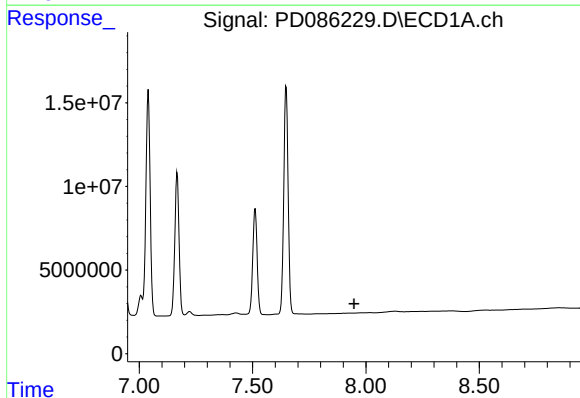
R.T.: 7.167 min  
Delta R.T.: 0.000 min  
Response: 110255201  
Conc: 2775.60 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
XA102DL



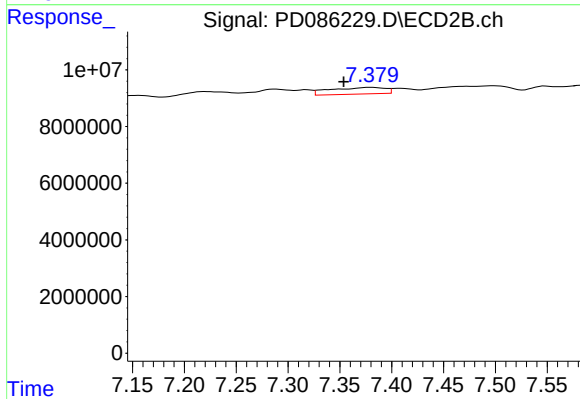
#25 Toxaphene-4

R.T.: 7.221 min  
Delta R.T.: -0.002 min  
Response: 7324136  
Conc: 45.13 ng/ml



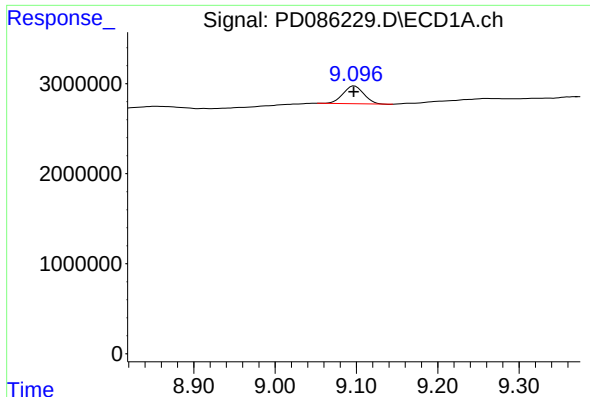
#26 Toxaphene-5

R.T.: 0.000 min  
Exp R.T. : 7.947 min  
Response: 0  
Conc: N.D.



#26 Toxaphene-5

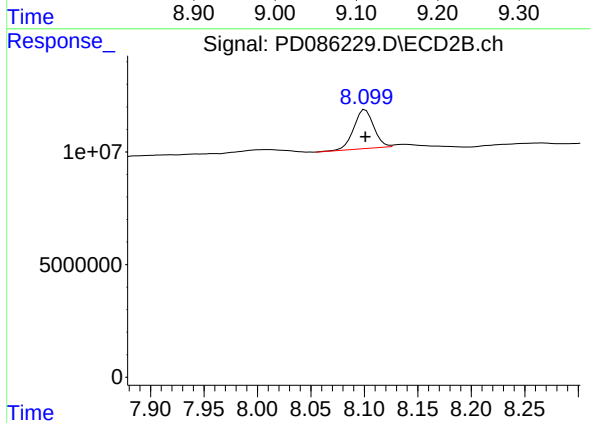
R.T.: 7.380 min  
Delta R.T.: 0.026 min  
Response: 8653725  
Conc: 73.99 ng/ml



#27 Decachlorobiphenyl

R.T.: 9.097 min  
Delta R.T.: 0.000 min  
Response: 3469989  
Conc: 1.94 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
XA102DL



#27 Decachlorobiphenyl

R.T.: 8.101 min  
Delta R.T.: 0.000 min  
Response: 22395210  
Conc: 2.37 ng/ml