

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD012825\  
 Data File : PD087548.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 28 Jan 2025 09:21  
 Operator : AR\AJ  
 Sample : Q1148-07  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 ECD\_D  
 ClientSampleId :  
 XA176

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Jan 29 07:48:29 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD011625CLP.M  
 Quant Title : GC Extractables  
 QLast Update : Thu Jan 16 13:39:07 2025  
 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

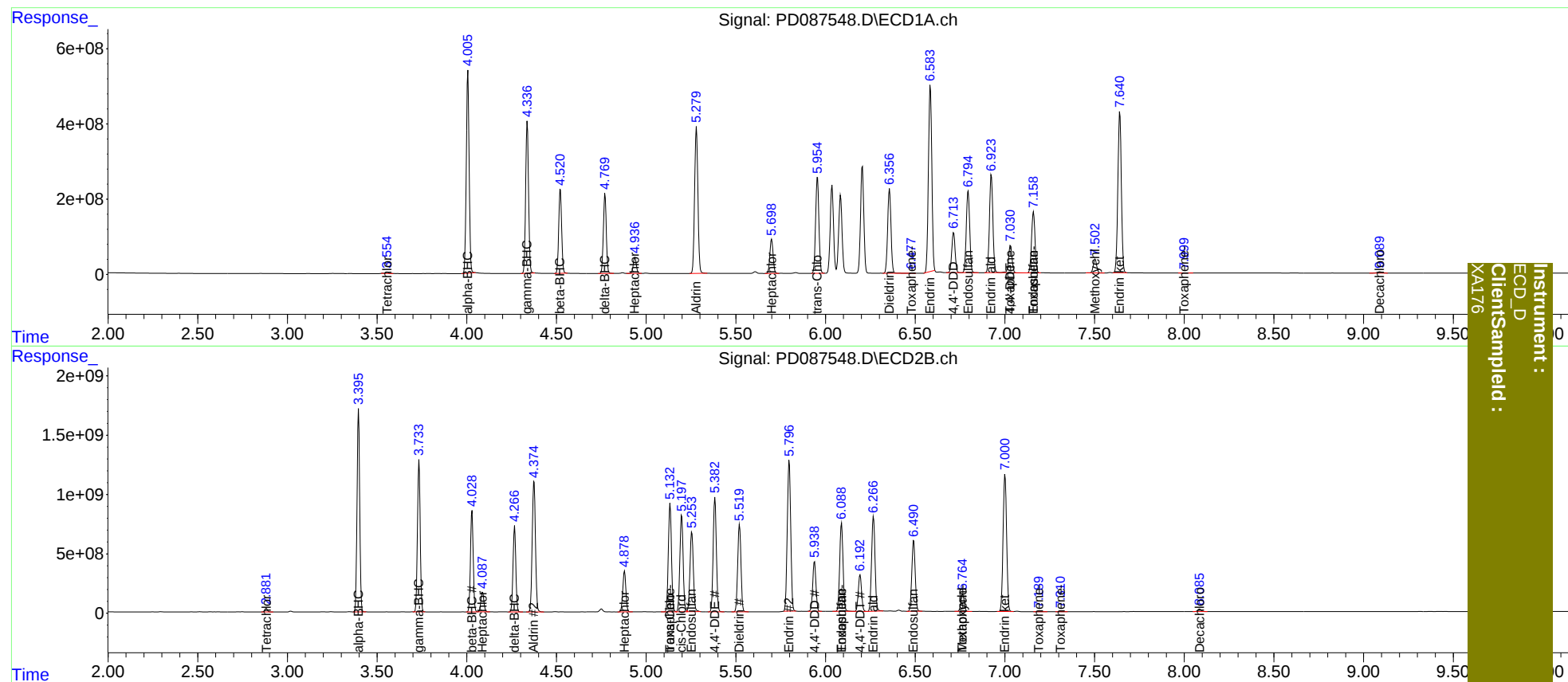
|                             | Compound        | RT#1   | RT#2   | Resp#1   | Resp#2    | ng/ml     | ng/ml        |
|-----------------------------|-----------------|--------|--------|----------|-----------|-----------|--------------|
| -----                       |                 |        |        |          |           |           |              |
| System Monitoring Compounds |                 |        |        |          |           |           |              |
| 1)                          | SA Tetrachlo... | 3.556  | 2.882  | 49055665 | 312.9E6   | 24.071    | 25.302       |
| 27)                         | SA Decachlor... | 9.090  | 8.086  | 62958627 | 289.6E6   | 18.831    | 19.991       |
| Target Compounds            |                 |        |        |          |           |           |              |
| 2)                          | A alpha-BHC     | 4.006  | 3.397  | 5936.9E6 | 13965.9E6 | 1429.093  | 705.289 #    |
| 3)                          | MA gamma-BHC... | 4.337  | 3.734  | 4496.0E6 | 13570.6E6 | 1117.678  | 740.882 #    |
| 4)                          | MA Heptachlor   | 4.938  | 4.088  | 513.8E6  | 1918.3E6  | 125.701   | 102.780      |
| 5)                          | MB Aldrin       | 5.281  | 4.375  | 4946.8E6 | 13898.8E6 | 1235.135  | 768.988 #    |
| 6)                          | B beta-BHC      | 4.522  | 4.029  | 2520.1E6 | 9092.7E6  | 1403.123  | 1065.906     |
| 7)                          | B delta-BHC     | 4.771  | 4.267  | 2378.5E6 | 7770.0E6  | 575.587   | 416.312 #    |
| 8)                          | B Heptachlo...  | 5.700  | 4.880  | 1142.6E6 | 4127.7E6  | 305.811   | 243.875      |
| 10)                         | B trans-Chl...  | 5.955  | 5.134  | 3262.6E6 | 11159.8E6 | 885.590   | 620.752 #    |
| 12)                         | B 4,4'-DDE      | 0.000  | 5.384  | 0        | 11855.4E6 | N.D.      | 723.831      |
| 13)                         | MA Dieldrin     | 6.357  | 5.521  | 2906.6E6 | 9306.1E6  | 762.410   | 557.561 #    |
| 14)                         | MA Endrin       | 6.584  | 5.799  | 6480.8E6 | 13330.0E6 | 1996.745  | 892.098 #    |
| 15)                         | B Endosulfa...  | 6.796  | 6.090  | 2876.7E6 | 9625.2E6  | 893.571   | 649.707 #    |
| 16)                         | A 4,4'-DDD      | 6.715  | 5.939  | 1371.0E6 | 5220.4E6  | 498.654   | 390.464      |
| 17)                         | MA 4,4'-DDT     | 7.031  | 6.193  | 975.6E6  | 3919.7E6  | 336.605   | 284.434      |
| 18)                         | B Endrin al...  | 6.925  | 6.268  | 3454.4E6 | 10604.1E6 | 1370.934  | 919.783 #    |
| 19)                         | B Endosulfa...  | 7.160  | 6.492  | 2182.4E6 | 7829.6E6  | 706.892   | 538.599      |
| 20)                         | A Methoxychlor  | 7.504  | 6.765  | 483.9E6  | 1878.5E6  | 305.454   | 304.978      |
| 21)                         | B Endrin ke...  | 7.641  | 7.001  | 5776.7E6 | 15865.7E6 | 1677.929  | 998.973 #    |
| 22)                         | Toxaphene-1     | 6.307f | 5.134  | -415341  | 11159.8E6 | N.D.      | 128570.896   |
| 23)                         | Toxaphene-2     | 6.479  | 6.090f | 6243759  | 9625.2E6  | 193.977   | 102837.240 # |
| 24)                         | Toxaphene-3     | 7.031  | 6.765  | 975.6E6  | 1878.5E6  | 10991.619 | 6311.011 #   |
| 25)                         | Toxaphene-4     | 7.160  | 7.190  | 2182.4E6 | 977548    | 33430.255 | 4.614 #      |
| 26)                         | Toxaphene-5     | 8.000f | 7.311  | 682574   | 6711407   | 14.046    | 43.278 #     |
| -----                       |                 |        |        |          |           |           |              |

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

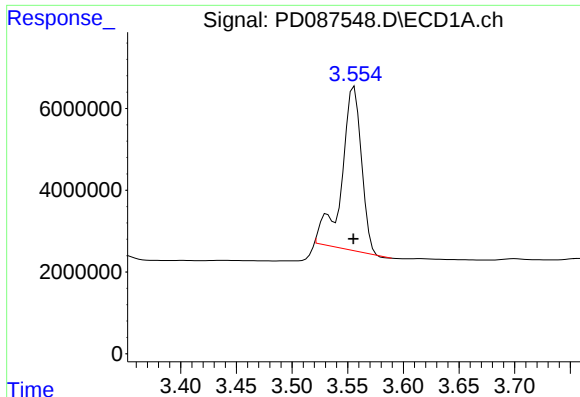
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD012825\  
Data File : PD087548.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 28 Jan 2025 09:21  
Operator : AR\AJ  
Sample : Q1148-07  
Misc :  
ALS Vial : 4 Sample Multiplier: 1

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Jan 29 07:48:29 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD011625CLP.M  
Quant Title : GC Extractables  
QLast Update : Thu Jan 16 13:39:07 2025  
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



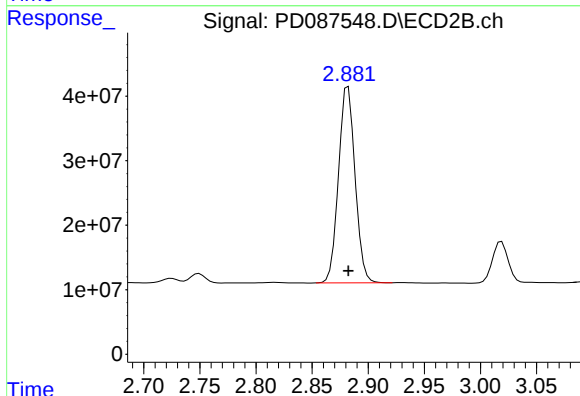
Instrument :  
ECD\_D  
ClientSampled :  
XA176



#1 Tetrachloro-m-xylene

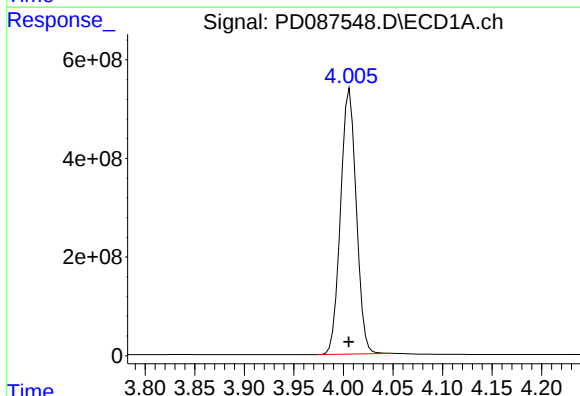
R.T.: 3.556 min  
Delta R.T.: 0.000 min  
Response: 49055665  
Conc: 24.07 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
XA176



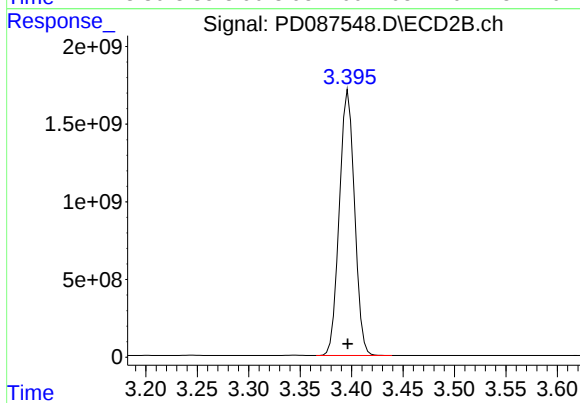
#1 Tetrachloro-m-xylene

R.T.: 2.882 min  
Delta R.T.: 0.000 min  
Response: 312926578  
Conc: 25.30 ng/ml



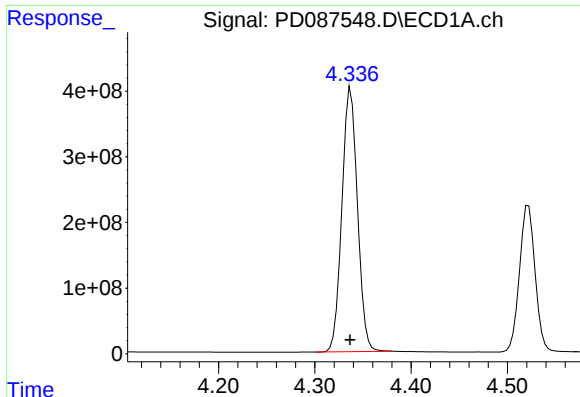
#2 alpha-BHC

R.T.: 4.006 min  
Delta R.T.: 0.001 min  
Response: 5936935109  
Conc: 1429.09 ng/ml



#2 alpha-BHC

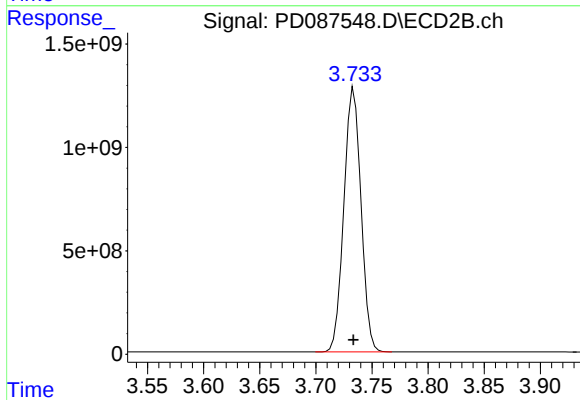
R.T.: 3.397 min  
Delta R.T.: 0.000 min  
Response: 13965881924  
Conc: 705.29 ng/ml



#3 gamma-BHC (Lindane)

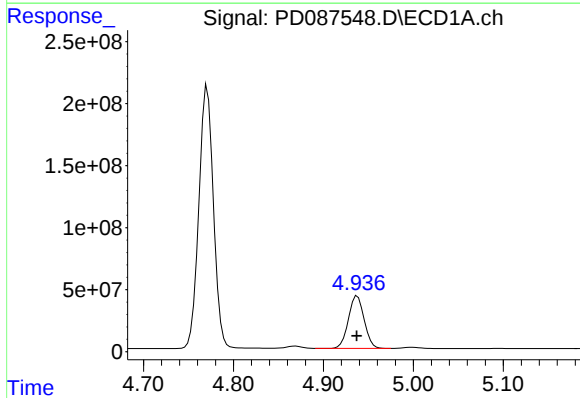
R.T.: 4.337 min  
Delta R.T.: 0.000 min  
Response: 4495975018  
Conc: 1117.68 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
XA176



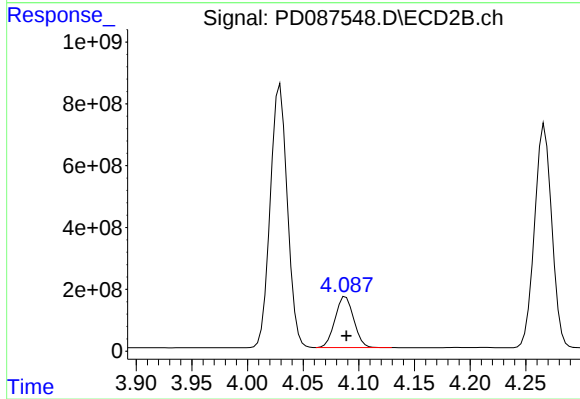
#3 gamma-BHC (Lindane)

R.T.: 3.734 min  
Delta R.T.: 0.000 min  
Response: 13570606443  
Conc: 740.88 ng/ml



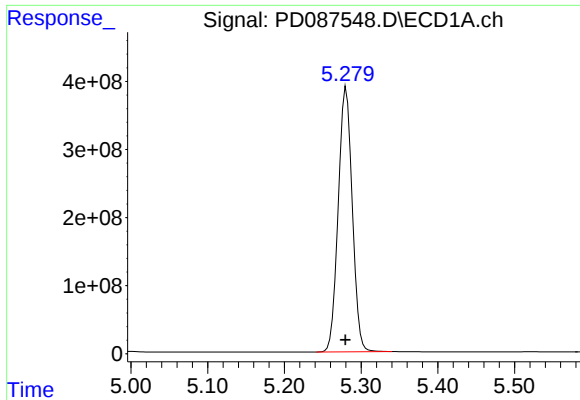
#4 Heptachlor

R.T.: 4.938 min  
Delta R.T.: 0.000 min  
Response: 513808948  
Conc: 125.70 ng/ml



#4 Heptachlor

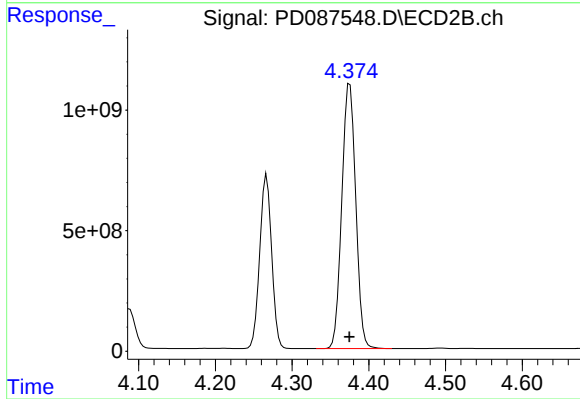
R.T.: 4.088 min  
Delta R.T.: 0.000 min  
Response: 1918315530  
Conc: 102.78 ng/ml



#5 Aldrin

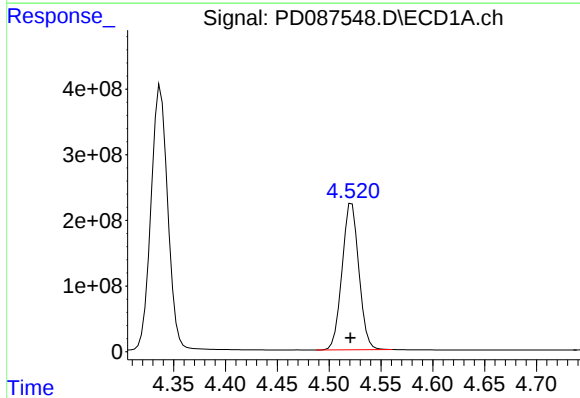
R.T.: 5.281 min  
Delta R.T.: 0.001 min  
Response: 4946825059  
Conc: 1235.14 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
XA176



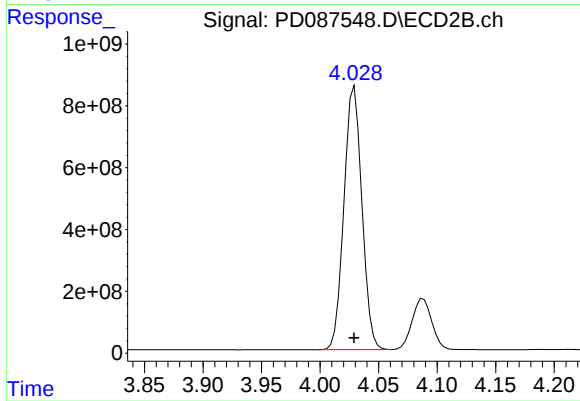
#5 Aldrin

R.T.: 4.375 min  
Delta R.T.: 0.000 min  
Response: 13898754144  
Conc: 768.99 ng/ml



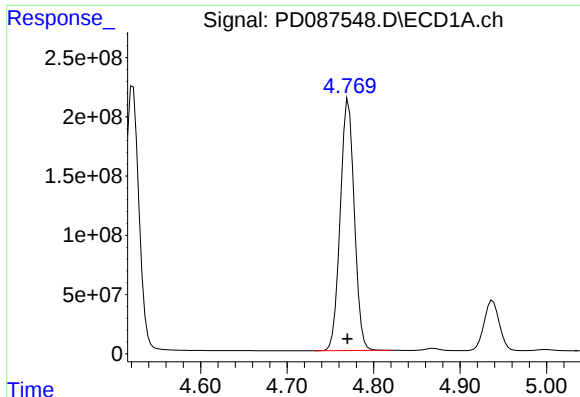
#6 beta-BHC

R.T.: 4.522 min  
Delta R.T.: 0.001 min  
Response: 2520060253  
Conc: 1403.12 ng/ml



#6 beta-BHC

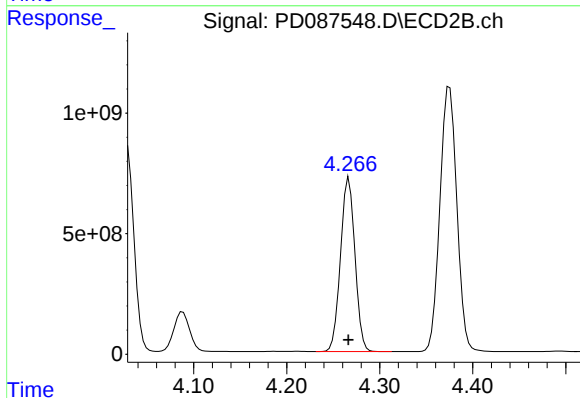
R.T.: 4.029 min  
Delta R.T.: 0.000 min  
Response: 9092653589  
Conc: 1065.91 ng/ml



#7 delta-BHC

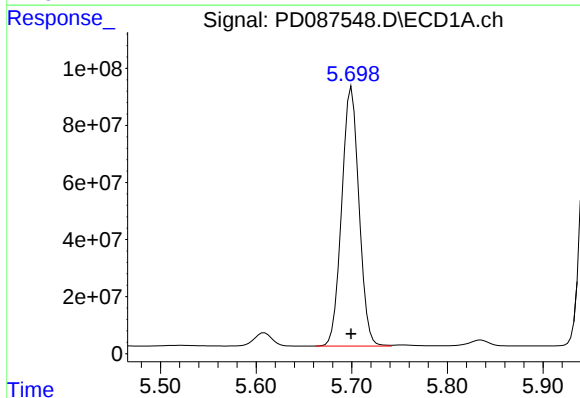
R.T.: 4.771 min  
Delta R.T.: 0.001 min  
Response: 2378519905  
Conc: 575.59 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
XA176



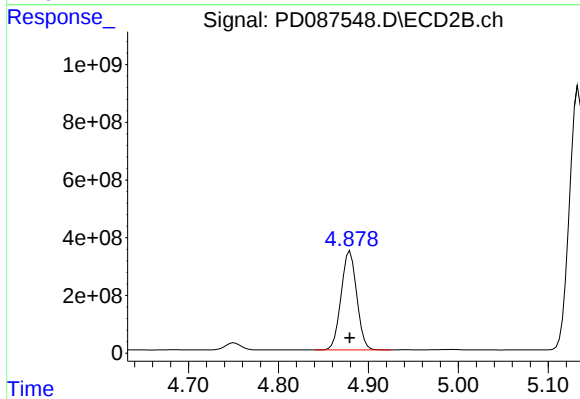
#7 delta-BHC

R.T.: 4.267 min  
Delta R.T.: 0.000 min  
Response: 7769971412  
Conc: 416.31 ng/ml



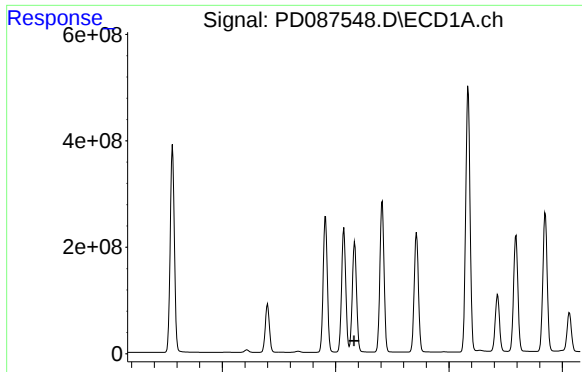
#8 Heptachlor epoxide

R.T.: 5.700 min  
Delta R.T.: 0.000 min  
Response: 1142577862  
Conc: 305.81 ng/ml



#8 Heptachlor epoxide

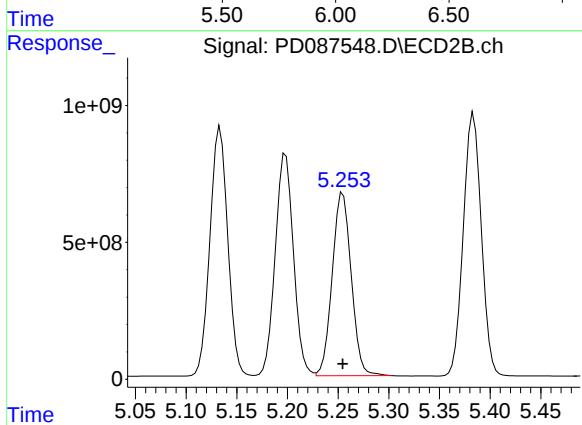
R.T.: 4.880 min  
Delta R.T.: 0.000 min  
Response: 4127724731  
Conc: 243.88 ng/ml



#9 Endosulfan I

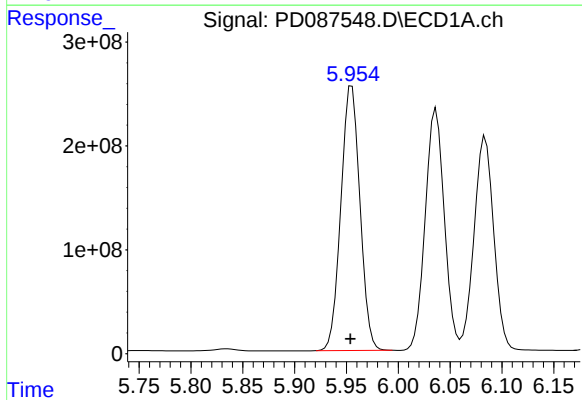
R.T.: 6.084 min  
Delta R.T.: 0.002 min  
Response: -4244101711  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :  
XA176



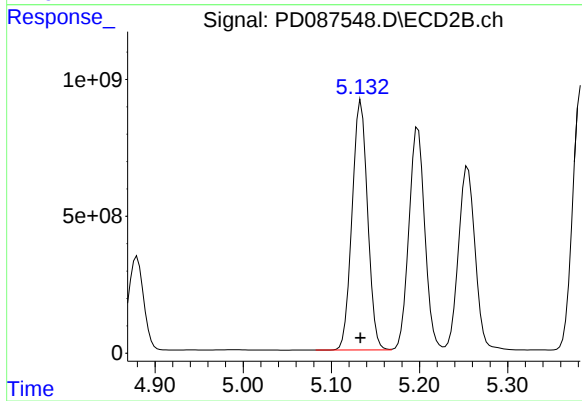
#9 Endosulfan I

R.T.: 5.255 min  
Delta R.T.: 0.000 min  
Response: 8738233001  
Conc: 550.53 ng/ml



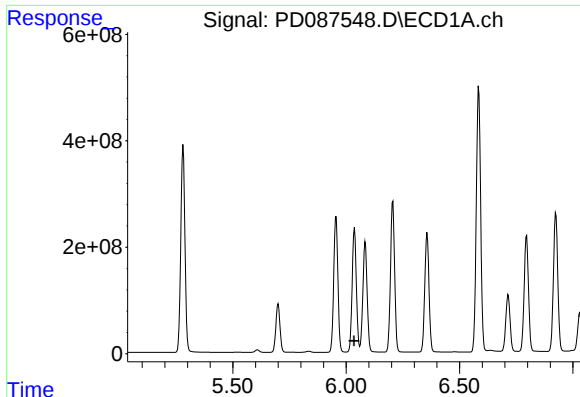
#10 trans-Chlordane

R.T.: 5.955 min  
Delta R.T.: 0.001 min  
Response: 3262600210  
Conc: 885.59 ng/ml



#10 trans-Chlordane

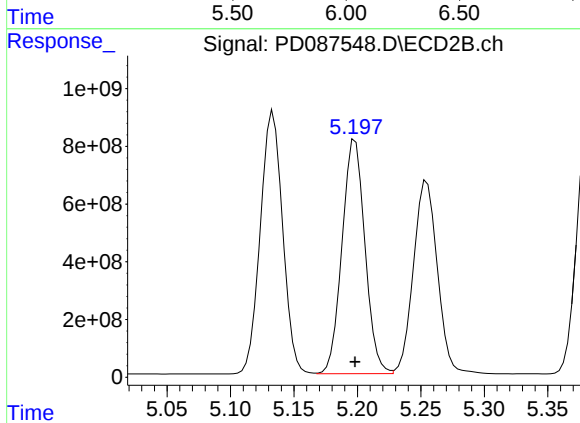
R.T.: 5.134 min  
Delta R.T.: 0.000 min  
Response: 11159752554  
Conc: 620.75 ng/ml



#11 cis-Chlordane

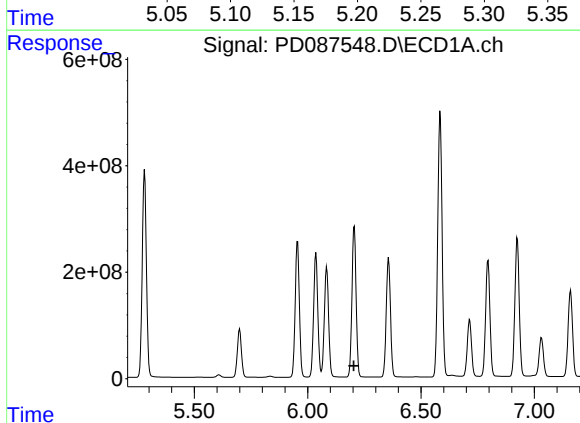
R.T.: 6.084 min  
Delta R.T.: 0.049 min  
Response: -4244101711  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :  
XA176



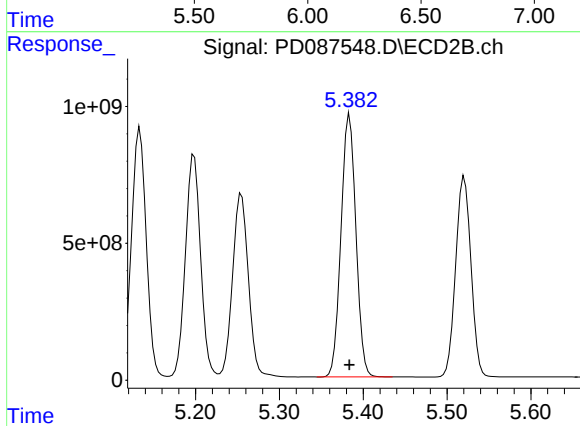
#11 cis-Chlordane

R.T.: 5.198 min  
Delta R.T.: 0.000 min  
Response: 10185231138  
Conc: 588.48 ng/ml



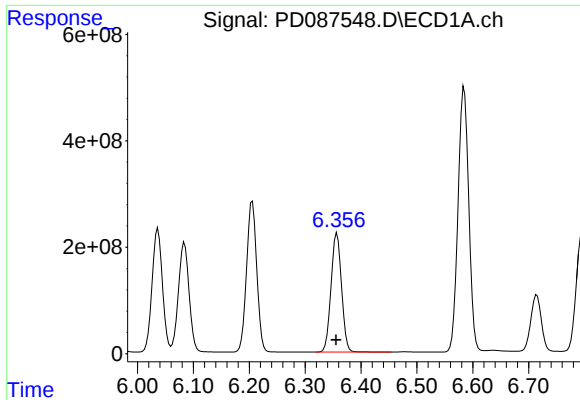
#12 4,4'-DDE

R.T.: 0.000 min  
Exp R.T. : 6.204 min  
Response: 0  
Conc: N.D.



#12 4,4'-DDE

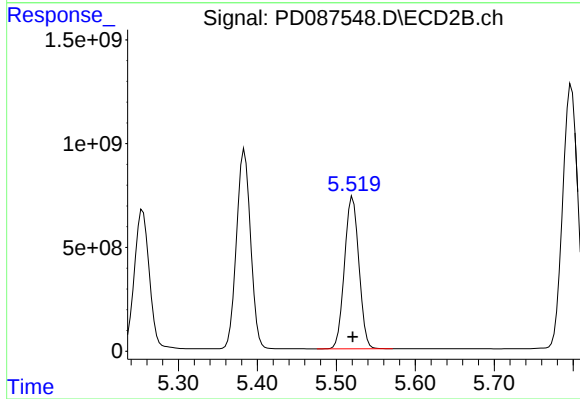
R.T.: 5.384 min  
Delta R.T.: 0.000 min  
Response: 11855413806  
Conc: 723.83 ng/ml



#13 Dieldrin

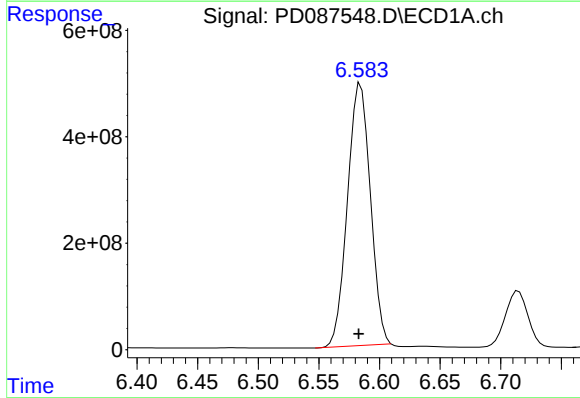
R.T.: 6.357 min  
Delta R.T.: 0.001 min  
Response: 2906584535  
Conc: 762.41 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
XA176



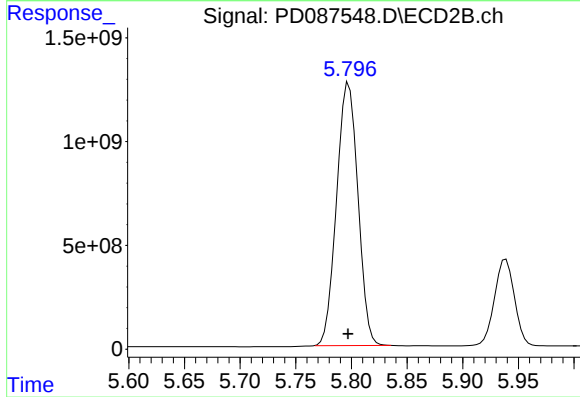
#13 Dieldrin

R.T.: 5.521 min  
Delta R.T.: 0.000 min  
Response: 9306079996  
Conc: 557.56 ng/ml



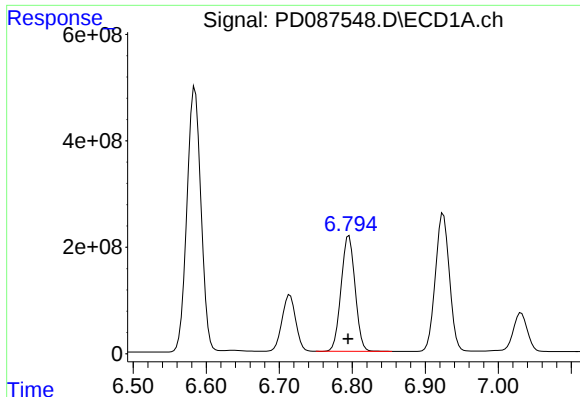
#14 Endrin

R.T.: 6.584 min  
Delta R.T.: 0.001 min  
Response: 6480798652  
Conc: 1996.75 ng/ml



#14 Endrin

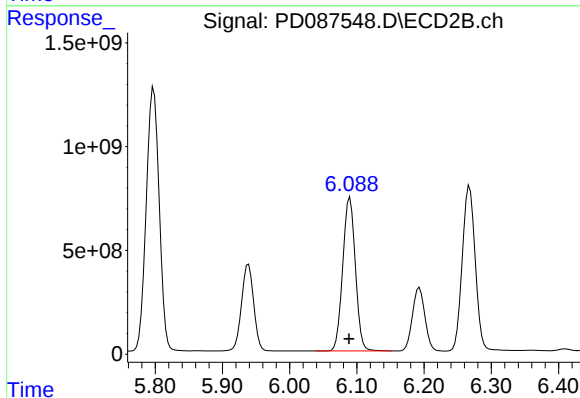
R.T.: 5.799 min  
Delta R.T.: 0.003 min  
Response: 13330014082  
Conc: 892.10 ng/ml



#15 Endosulfan II

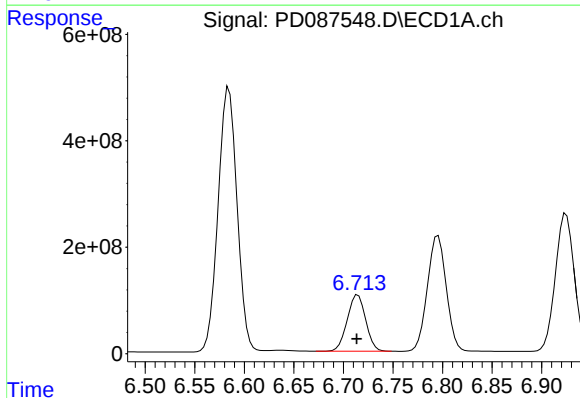
R.T.: 6.796 min  
Delta R.T.: 0.001 min  
Response: 2876729169  
Conc: 893.57 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
XA176



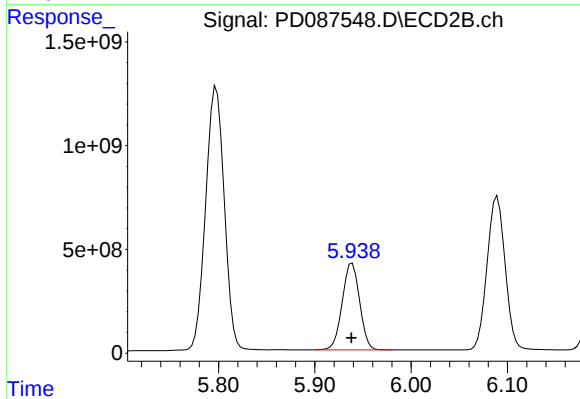
#15 Endosulfan II

R.T.: 6.090 min  
Delta R.T.: 0.001 min  
Response: 9625199299  
Conc: 649.71 ng/ml



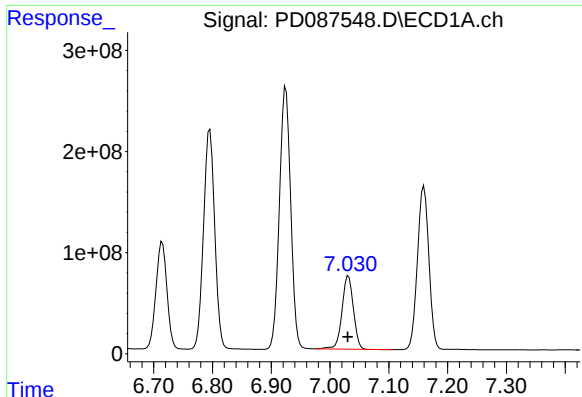
#16 4,4'-DDD

R.T.: 6.715 min  
Delta R.T.: 0.001 min  
Response: 1371041698  
Conc: 498.65 ng/ml



#16 4,4'-DDD

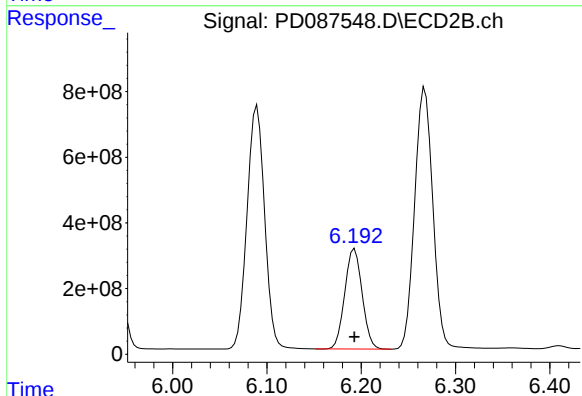
R.T.: 5.939 min  
Delta R.T.: 0.001 min  
Response: 5220387385  
Conc: 390.46 ng/ml



#17 4,4'-DDT

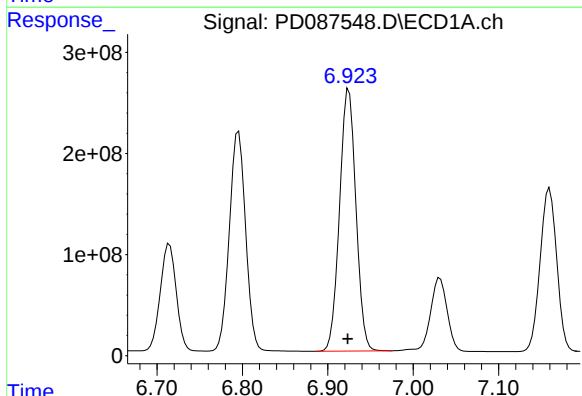
R.T.: 7.031 min  
Delta R.T.: 0.002 min  
Response: 975559711  
Conc: 336.61 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
XA176



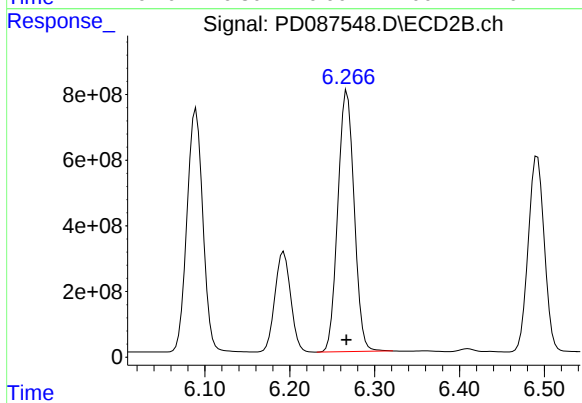
#17 4,4'-DDT

R.T.: 6.193 min  
Delta R.T.: 0.000 min  
Response: 3919730603  
Conc: 284.43 ng/ml



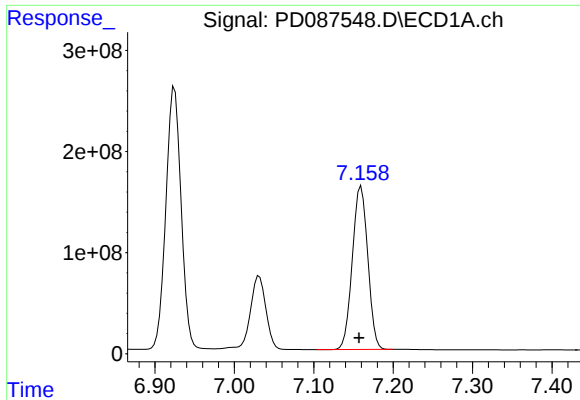
#18 Endrin aldehyde

R.T.: 6.925 min  
Delta R.T.: 0.002 min  
Response: 3454439792  
Conc: 1370.93 ng/ml



#18 Endrin aldehyde

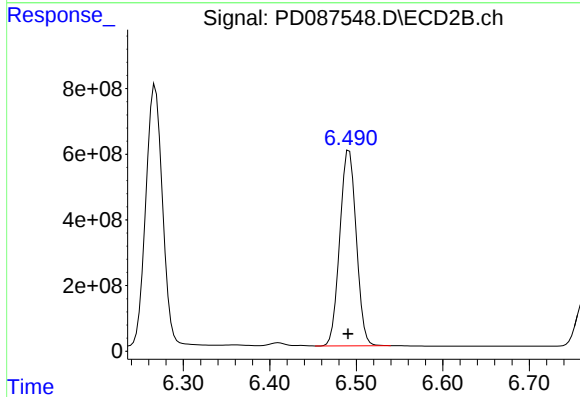
R.T.: 6.268 min  
Delta R.T.: 0.000 min  
Response: 10604126598  
Conc: 919.78 ng/ml



#19 Endosulfan Sulfate

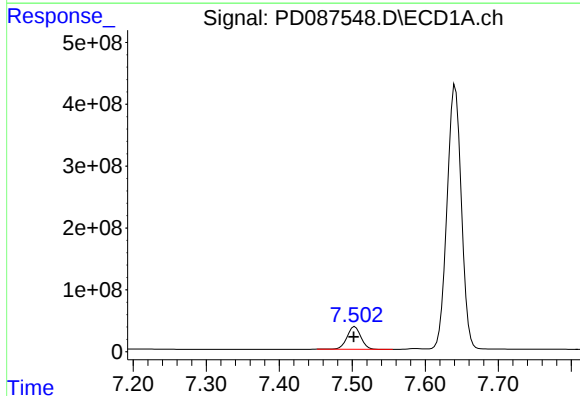
R.T.: 7.160 min  
Delta R.T.: 0.002 min  
Response: 2182387660  
Conc: 706.89 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
XA176



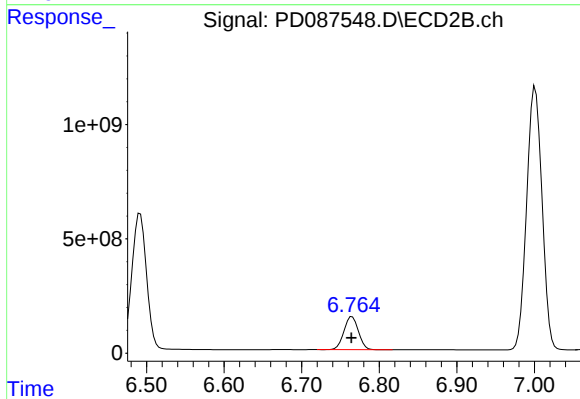
#19 Endosulfan Sulfate

R.T.: 6.492 min  
Delta R.T.: 0.001 min  
Response: 7829612979  
Conc: 538.60 ng/ml



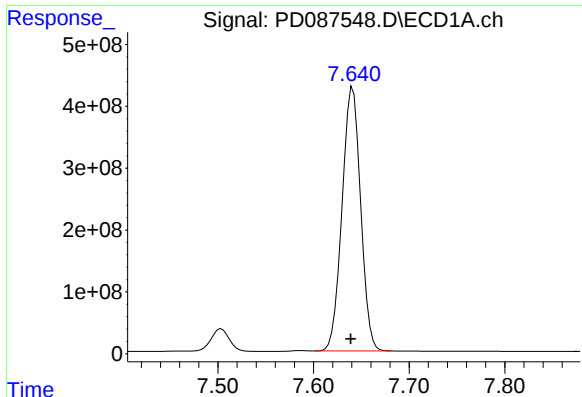
#20 Methoxychlor

R.T.: 7.504 min  
Delta R.T.: 0.002 min  
Response: 483945834  
Conc: 305.45 ng/ml



#20 Methoxychlor

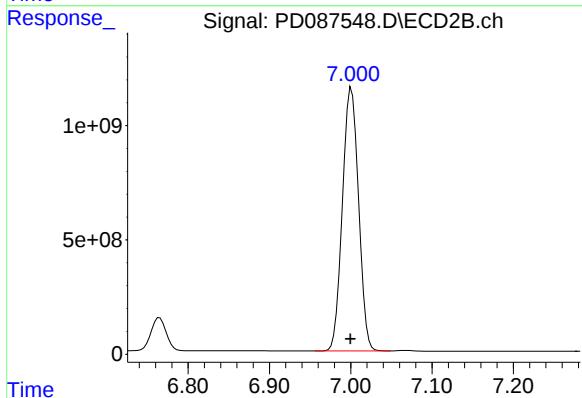
R.T.: 6.765 min  
Delta R.T.: 0.000 min  
Response: 1878452481  
Conc: 304.98 ng/ml



#21 Endrin ketone

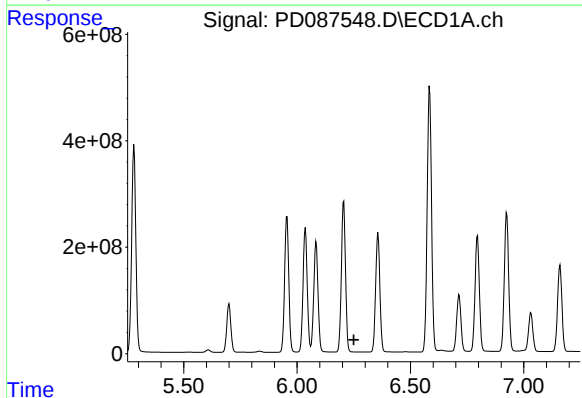
R.T.: 7.641 min  
Delta R.T.: 0.002 min  
Response: 5776652458  
Conc: 1677.93 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
XA176



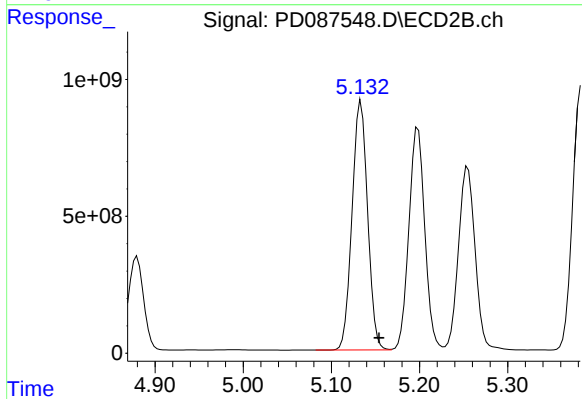
#21 Endrin ketone

R.T.: 7.001 min  
Delta R.T.: 0.001 min  
Response: 15865653853  
Conc: 998.97 ng/ml



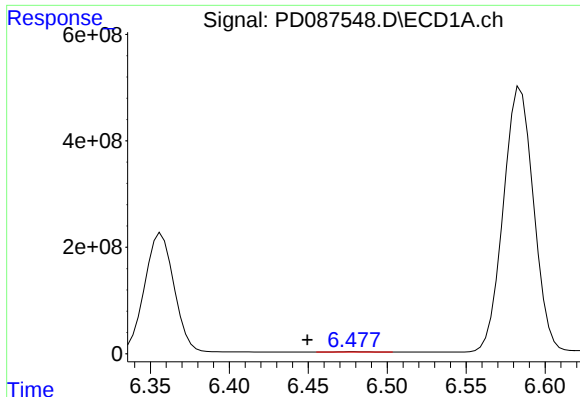
#22 Toxaphene-1

R.T.: 6.307 min  
Delta R.T.: 0.057 min  
Response: -415341  
Conc: N.D.



#22 Toxaphene-1

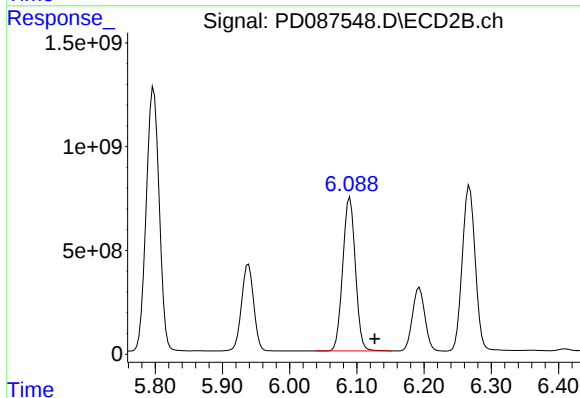
R.T.: 5.134 min  
Delta R.T.: -0.020 min  
Response: 11159752554  
Conc: 128570.90 ng/ml



#23 Toxaphene-2

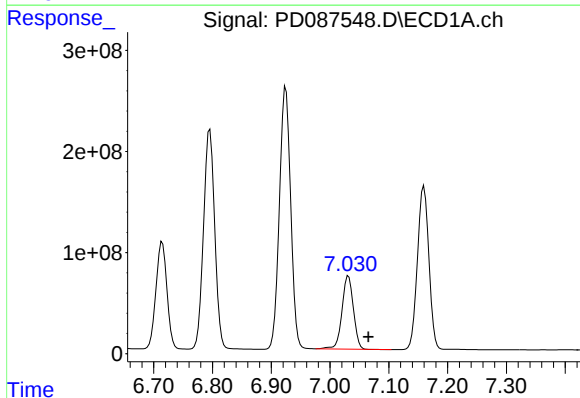
R.T.: 6.479 min  
Delta R.T.: 0.029 min  
Response: 6243759  
Conc: 193.98 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
XA176



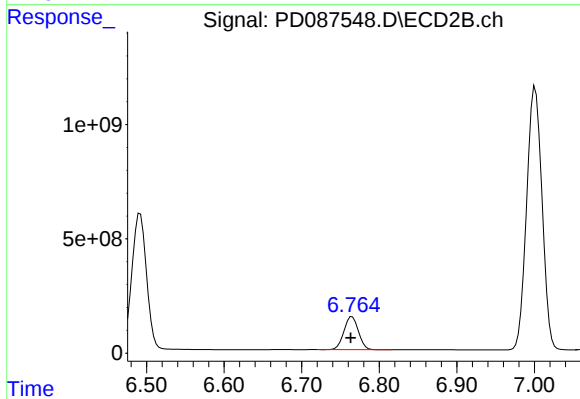
#23 Toxaphene-2

R.T.: 6.090 min  
Delta R.T.: -0.037 min  
Response: 9625199299  
Conc: 102837.24 ng/ml



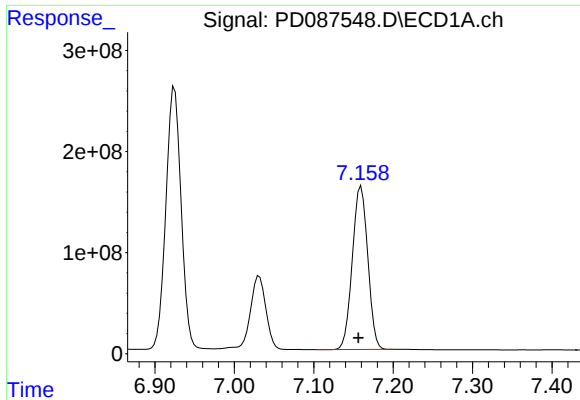
#24 Toxaphene-3

R.T.: 7.031 min  
Delta R.T.: -0.034 min  
Response: 975559711  
Conc: 10991.62 ng/ml



#24 Toxaphene-3

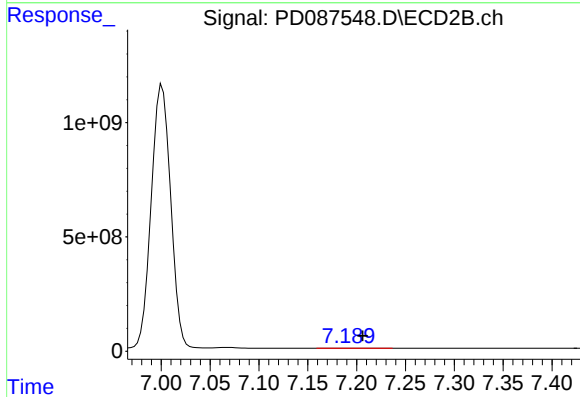
R.T.: 6.765 min  
Delta R.T.: 0.002 min  
Response: 1878452481  
Conc: 6311.01 ng/ml



#25 Toxaphene-4

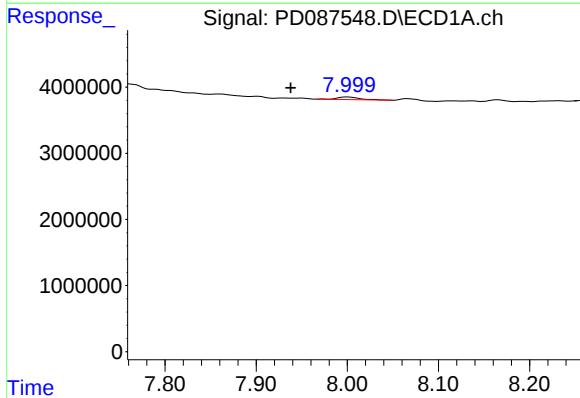
R.T.: 7.160 min  
Delta R.T.: 0.003 min  
Response: 2182387660  
Conc: 33430.26 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
XA176



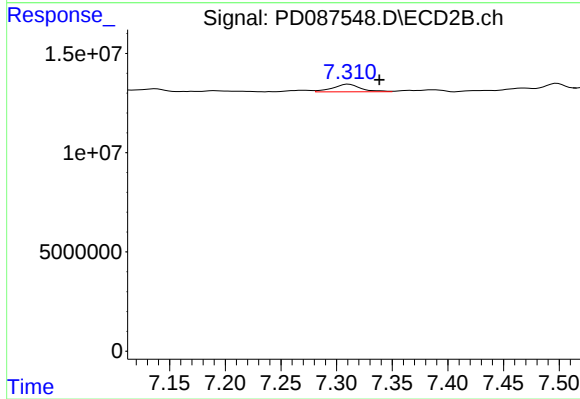
#25 Toxaphene-4

R.T.: 7.190 min  
Delta R.T.: -0.016 min  
Response: 977548  
Conc: 4.61 ng/ml



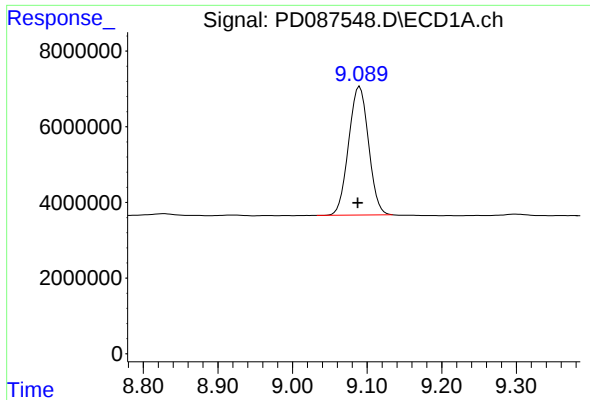
#26 Toxaphene-5

R.T.: 8.000 min  
Delta R.T.: 0.062 min  
Response: 682574  
Conc: 14.05 ng/ml



#26 Toxaphene-5

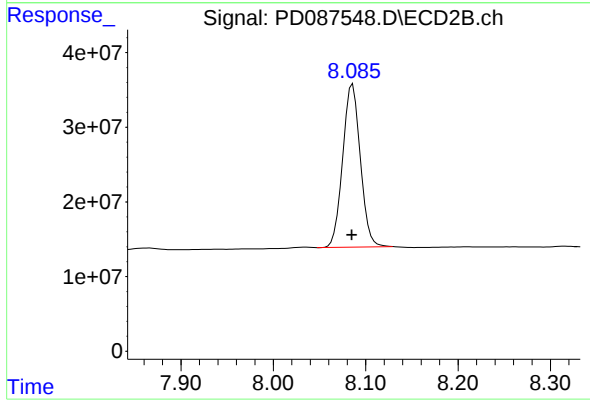
R.T.: 7.311 min  
Delta R.T.: -0.028 min  
Response: 6711407  
Conc: 43.28 ng/ml



#27 Decachlorobiphenyl

R.T.: 9.090 min  
Delta R.T.: 0.003 min  
Response: 62958627  
Conc: 18.83 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
XA176



#27 Decachlorobiphenyl

R.T.: 8.086 min  
Delta R.T.: 0.001 min  
Response: 289555440  
Conc: 19.99 ng/ml