

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL022420\  
 Data File : PL056806.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 24 Feb 2020 17:54  
 Operator : AJ\MA  
 Sample : PSTDCCC050  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 PSTDCCC050

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Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Feb 25 02:39:59 2020  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL021920.M  
 Quant Title : GC Extractables  
 QLast Update : Thu Feb 20 02:32:45 2020  
 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... | 3.498 | 4.020 | 426.3E6 | 129.1E6  | 49.294  | 51.831 |
| 28)                         | SA Decachlor... | 8.252 | 9.093 | 510.8E6 | 110.5E6  | 42.943  | 52.599 |
| Target Compounds            |                 |       |       |         |          |         |        |
| 2)                          | A alpha-BHC     | 3.936 | 4.409 | 750.0E6 | 201.1E6  | 47.518  | 53.462 |
| 3)                          | MA gamma-BHC... | 4.220 | 4.694 | 710.6E6 | 185.8E6  | 47.632  | 53.959 |
| 4)                          | MA Heptachlor   | 4.522 | 5.201 | 675.3E6 | 151.0E6  | 45.797  | 51.618 |
| 5)                          | MB Aldrin       | 4.771 | 5.505 | 701.4E6 | 161.4E6  | 46.979  | 51.585 |
| 6)                          | B beta-BHC      | 4.471 | 4.867 | 280.2E6 | 74023767 | 48.352  | 56.620 |
| 7)                          | B delta-BHC     | 4.676 | 5.084 | 702.9E6 | 162.8E6  | 48.768  | 53.482 |
| 8)                          | B Heptachlo...  | 5.213 | 5.893 | 659.4E6 | 143.6E6  | 46.614  | 49.105 |
| 9)                          | A Endosulfan I  | 5.554 | 6.251 | 628.5E6 | 137.0E6  | 47.014  | 50.710 |
| 10)                         | B gamma-Chl...  | 5.440 | 6.128 | 683.8E6 | 146.5E6  | 47.072  | 51.067 |
| 11)                         | B alpha-Chl...  | 5.499 | 6.200 | 670.9E6 | 145.2E6  | 46.458  | 51.017 |
| 12)                         | B 4,4'-DDE      | 5.661 | 6.358 | 653.0E6 | 139.3E6  | 46.423m | 50.595 |
| 13)                         | MA Dieldrin     | 5.795 | 6.508 | 679.1E6 | 144.9E6  | 45.560m | 50.680 |
| 14)                         | MA Endrin       | 6.054 | 6.726 | 586.1E6 | 113.7E6  | 43.422  | 46.159 |
| 15)                         | B Endosulfa...  | 6.327 | 6.937 | 576.2E6 | 124.8E6  | 46.392  | 48.323 |
| 16)                         | A 4,4'-DDD      | 6.179 | 6.851 | 548.4E6 | 118.9E6  | 49.028  | 51.619 |
| 17)                         | MA 4,4'-DDT     | 6.420 | 7.148 | 459.1E6 | 96541170 | 42.155  | 46.403 |
| 18)                         | B Endrin al...  | 6.496 | 7.061 | 490.0E6 | 103.4E6  | 45.267  | 49.300 |
| 19)                         | B Endosulfa...  | 6.709 | 7.285 | 550.8E6 | 116.9E6  | 46.454  | 49.171 |
| 20)                         | A Methoxychlor  | 6.964 | 7.609 | 236.2E6 | 51548895 | 44.554  | 46.578 |
| 21)                         | B Endrin ke...  | 7.200 | 7.756 | 632.7E6 | 128.4E6  | 47.459  | 50.839 |
| 22)                         | Mirex           | 7.390 | 8.209 | 408.4E6 | 83939614 | 48.664  | 49.965 |
| -----                       |                 |       |       |         |          |         |        |

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL022420\  
 Data File : PL056806.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 24 Feb 2020 17:54  
 Operator : AJ\MA  
 Sample : PSTDCCC050  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

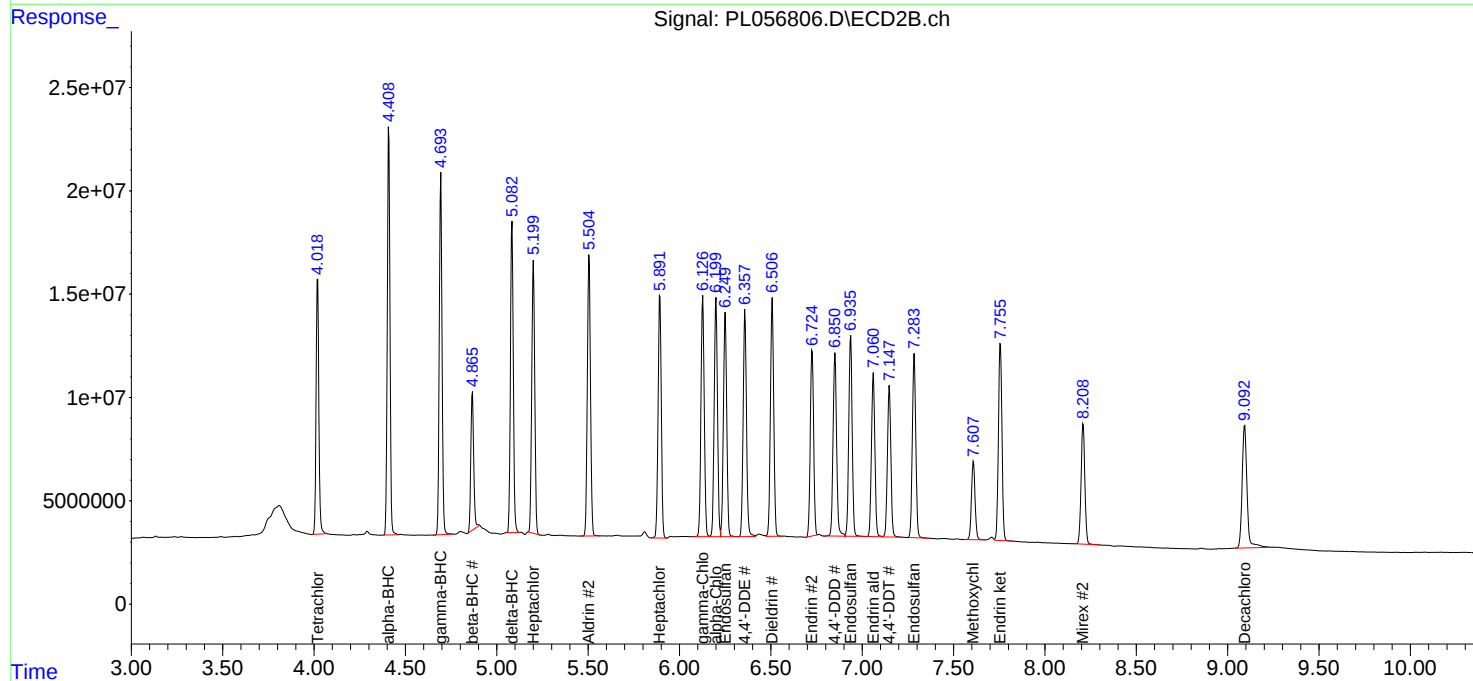
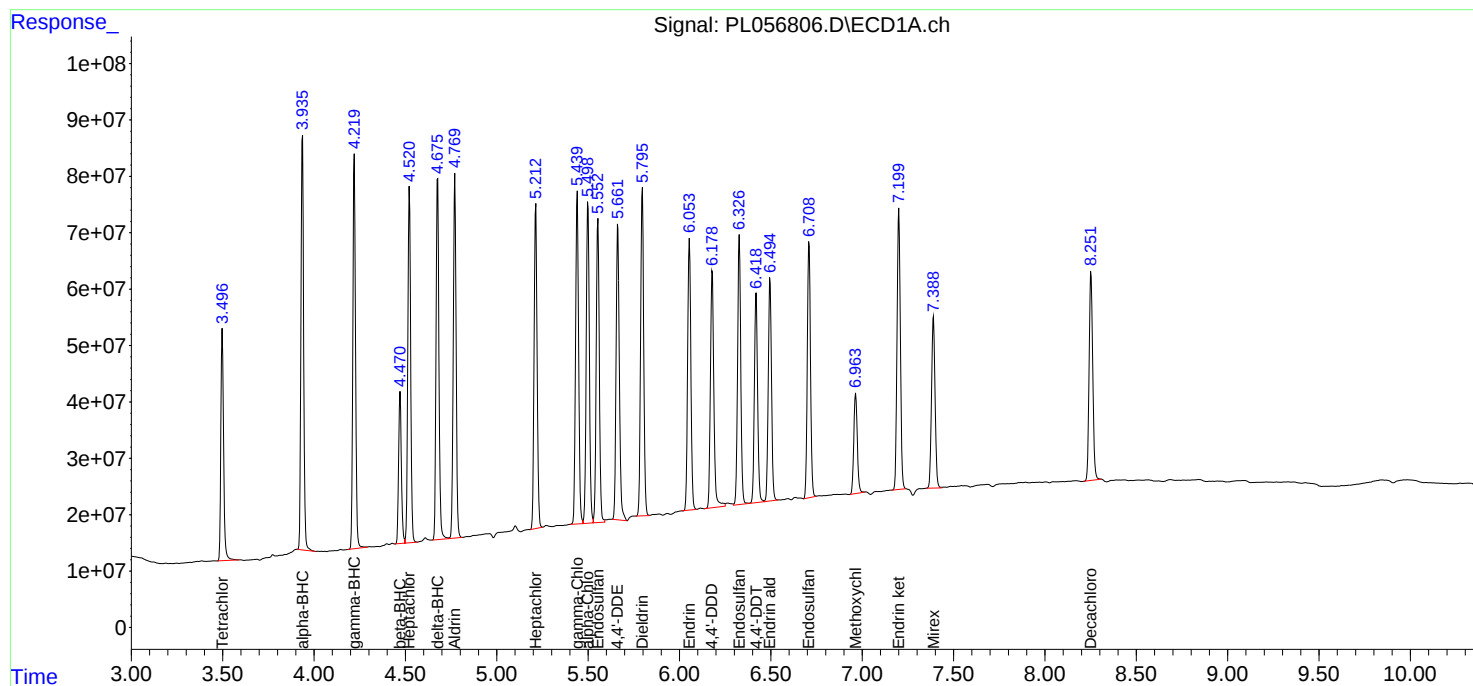
Instrument :  
 ECD\_L  
 ClientSampleId :  
 PSTDCCC050

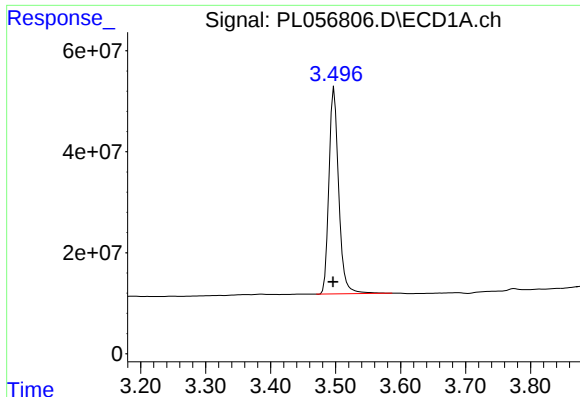
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Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Feb 25 02:39:59 2020  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL021920.M  
 Quant Title : GC Extractables  
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Volume 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





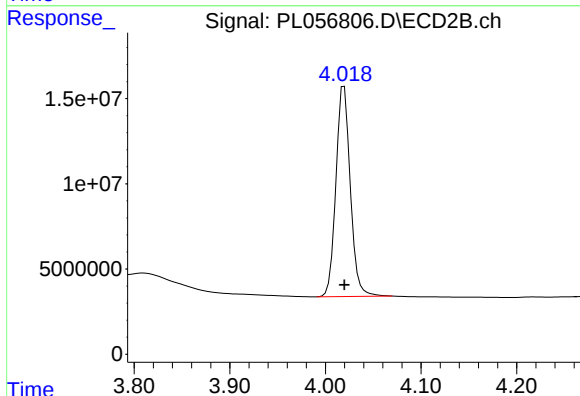
#1 Tetrachloro-m-xylene

R.T.: 3.498 min  
Delta R.T.: 0.002 min  
Response: 426277799  
Conc: 49.29 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

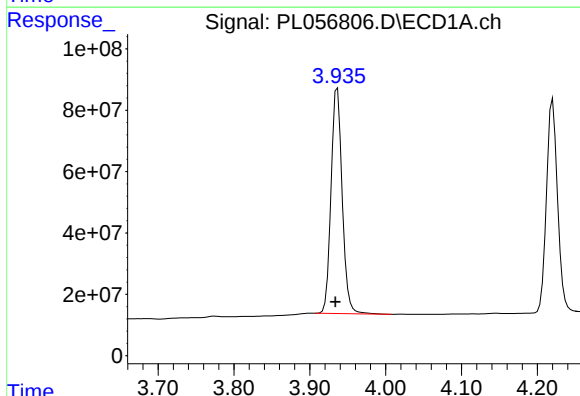
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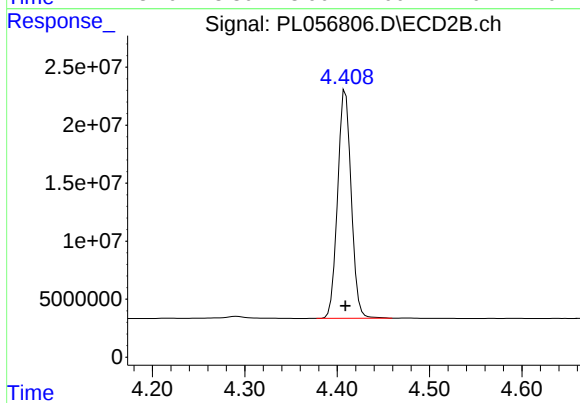
#1 Tetrachloro-m-xylene

R.T.: 4.020 min  
Delta R.T.: 0.000 min  
Response: 129110388  
Conc: 51.83 ng/ml



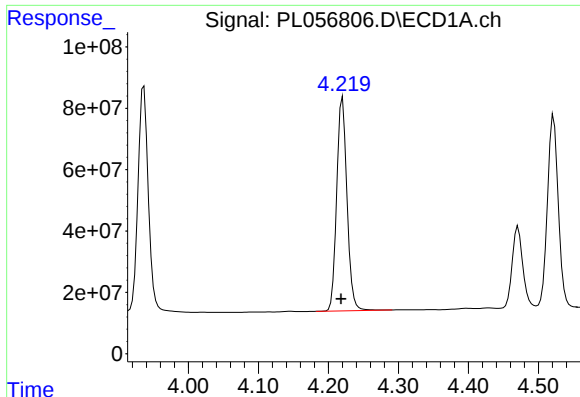
#2 alpha-BHC

R.T.: 3.936 min  
Delta R.T.: 0.003 min  
Response: 750030844  
Conc: 47.52 ng/ml



#2 alpha-BHC

R.T.: 4.409 min  
Delta R.T.: 0.000 min  
Response: 201119403  
Conc: 53.46 ng/ml



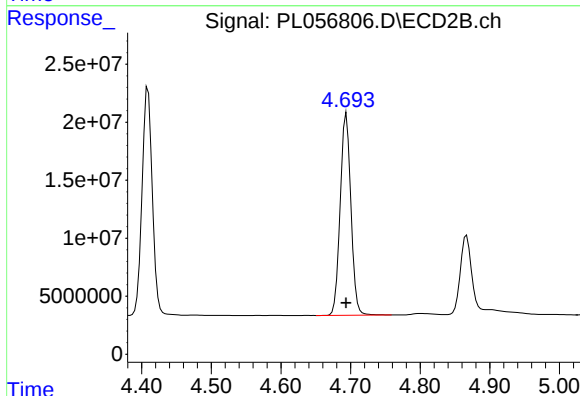
#3 gamma-BHC (Lindane)

R.T.: 4.220 min  
Delta R.T.: 0.002 min  
Response: 710576882  
Conc: 47.63 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

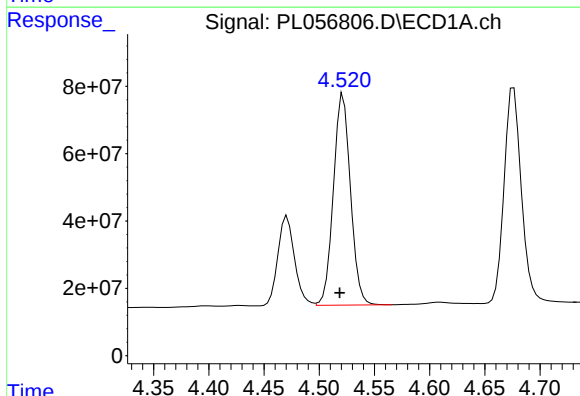
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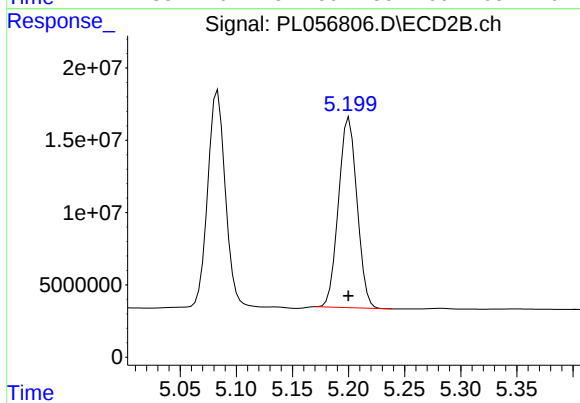
#3 gamma-BHC (Lindane)

R.T.: 4.694 min  
Delta R.T.: 0.000 min  
Response: 185814414  
Conc: 53.96 ng/ml



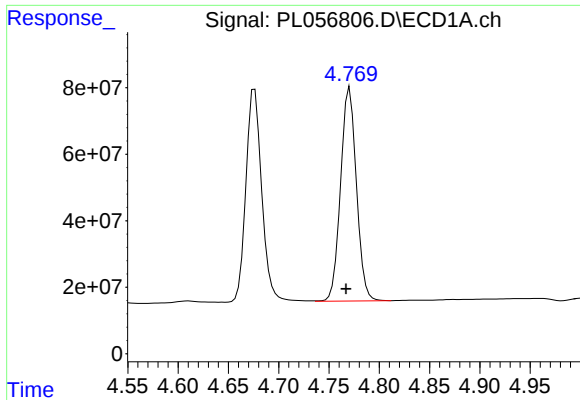
#4 Heptachlor

R.T.: 4.522 min  
Delta R.T.: 0.003 min  
Response: 675297201  
Conc: 45.80 ng/ml



#4 Heptachlor

R.T.: 5.201 min  
Delta R.T.: 0.000 min  
Response: 151007708  
Conc: 51.62 ng/ml



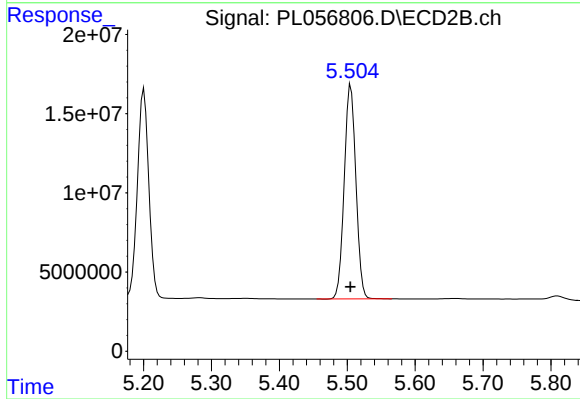
#5 Aldrin

R.T.: 4.771 min  
Delta R.T.: 0.004 min  
Response: 701365548  
Conc: 46.98 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

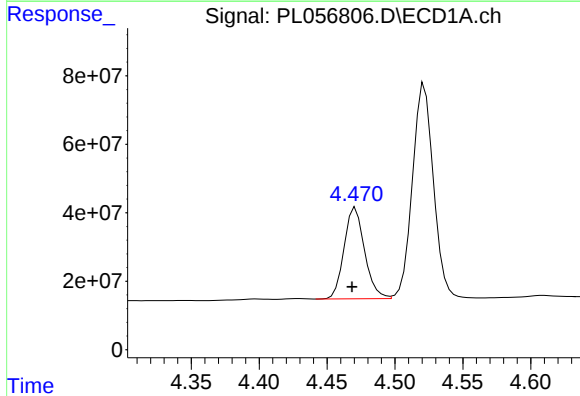
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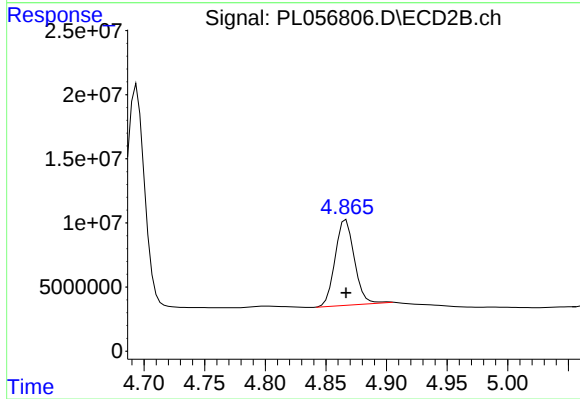
#5 Aldrin

R.T.: 5.505 min  
Delta R.T.: 0.000 min  
Response: 161448752  
Conc: 51.58 ng/ml



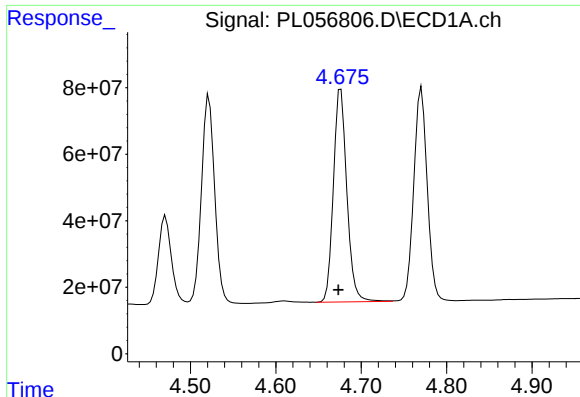
#6 beta-BHC

R.T.: 4.471 min  
Delta R.T.: 0.003 min  
Response: 280214073  
Conc: 48.35 ng/ml



#6 beta-BHC

R.T.: 4.867 min  
Delta R.T.: 0.000 min  
Response: 74023767  
Conc: 56.62 ng/ml



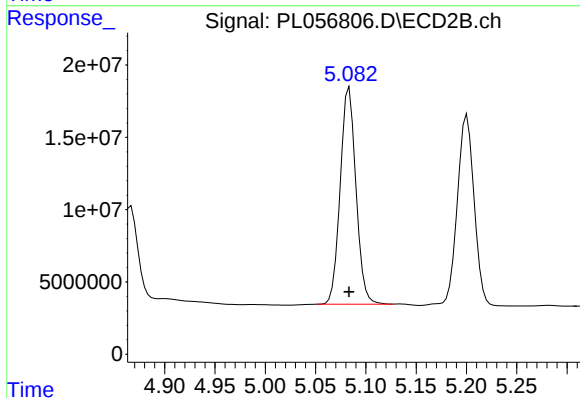
#7 delta-BHC

R.T.: 4.676 min  
Delta R.T.: 0.003 min  
Response: 702902232  
Conc: 48.77 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

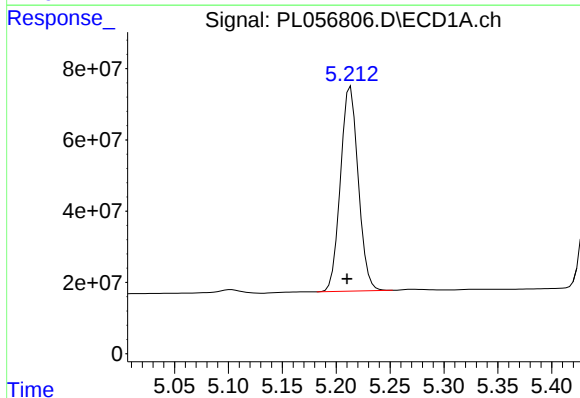
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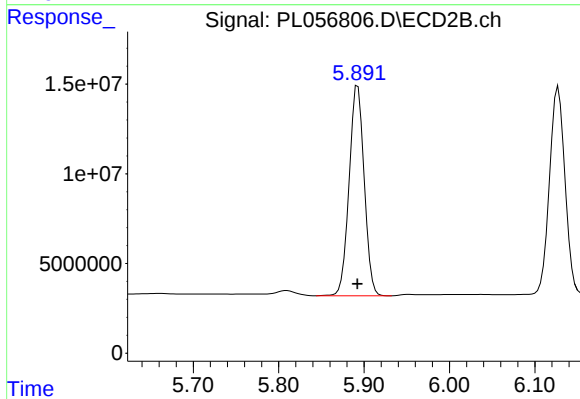
#7 delta-BHC

R.T.: 5.084 min  
Delta R.T.: 0.000 min  
Response: 162829168  
Conc: 53.48 ng/ml



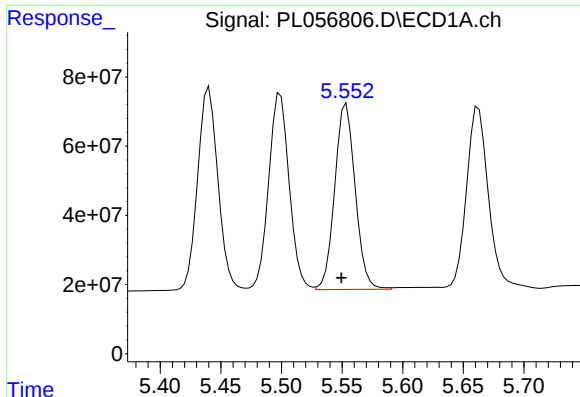
#8 Heptachlor epoxide

R.T.: 5.213 min  
Delta R.T.: 0.003 min  
Response: 659447353  
Conc: 46.61 ng/ml



#8 Heptachlor epoxide

R.T.: 5.893 min  
Delta R.T.: 0.000 min  
Response: 143571133  
Conc: 49.10 ng/ml



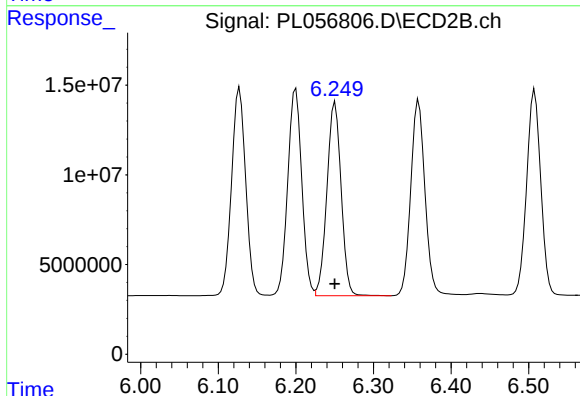
#9 Endosulfan I

R.T.: 5.554 min  
Delta R.T.: 0.004 min  
Response: 628495559  
Conc: 47.01 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

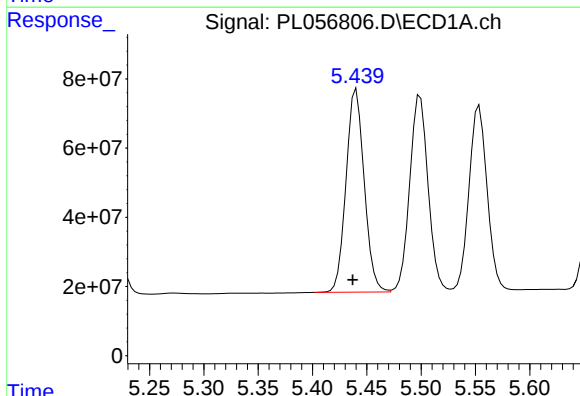
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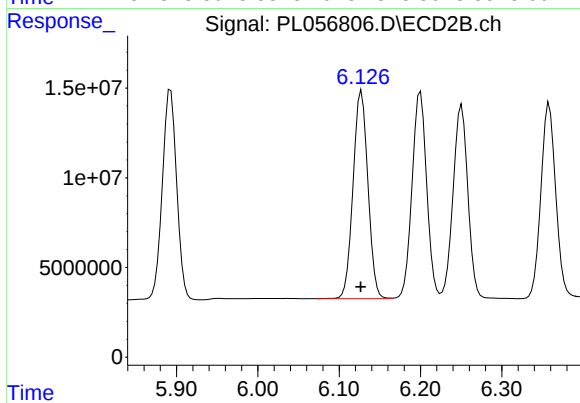
#9 Endosulfan I

R.T.: 6.251 min  
Delta R.T.: 0.000 min  
Response: 136998354  
Conc: 50.71 ng/ml



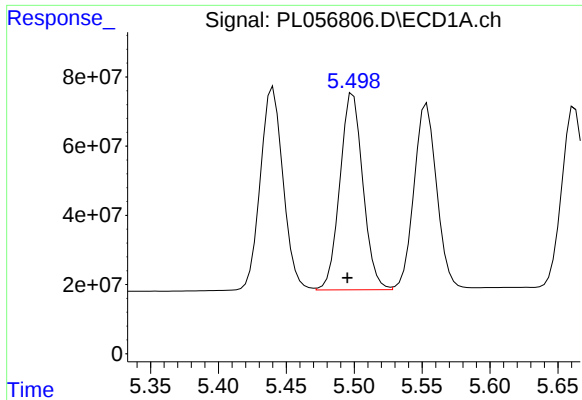
#10 gamma-Chlordane

R.T.: 5.440 min  
Delta R.T.: 0.003 min  
Response: 683757237  
Conc: 47.07 ng/ml



#10 gamma-Chlordane

R.T.: 6.128 min  
Delta R.T.: 0.000 min  
Response: 146465752  
Conc: 51.07 ng/ml



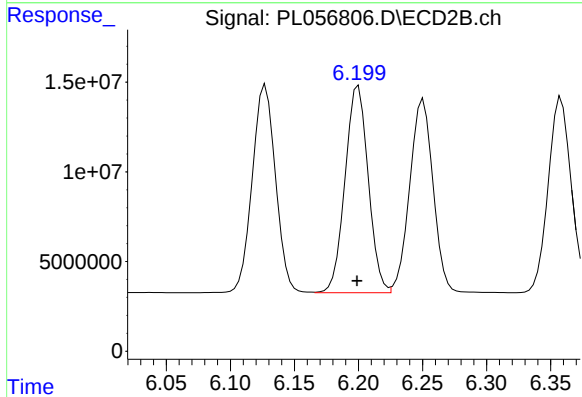
#11 alpha-Chlordane

R.T.: 5.499 min  
Delta R.T.: 0.004 min  
Response: 670865258  
Conc: 46.46 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

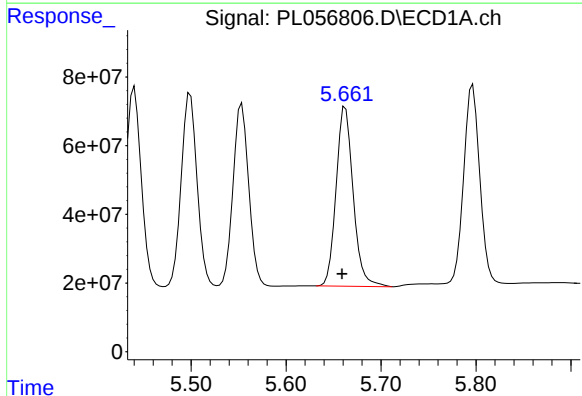
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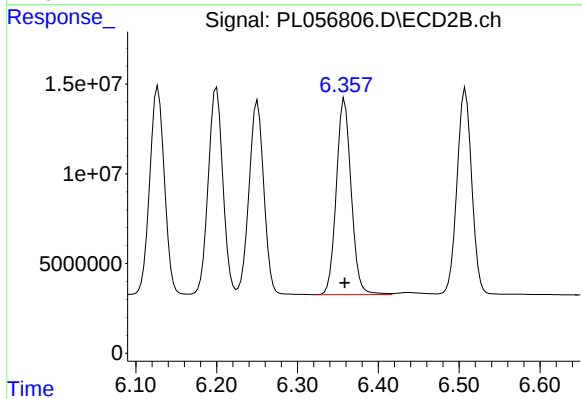
#11 alpha-Chlordane

R.T.: 6.200 min  
Delta R.T.: 0.001 min  
Response: 145164470  
Conc: 51.02 ng/ml



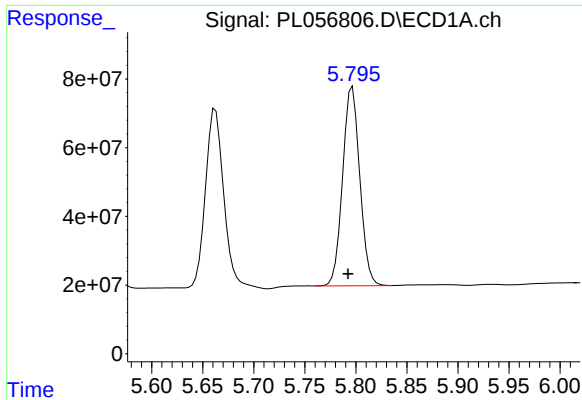
#12 4,4'-DDE

R.T.: 5.661 min  
Delta R.T.: 0.002 min  
Response: 652979979  
Conc: 46.42 ng/ml m



#12 4,4'-DDE

R.T.: 6.358 min  
Delta R.T.: 0.000 min  
Response: 139331341  
Conc: 50.60 ng/ml



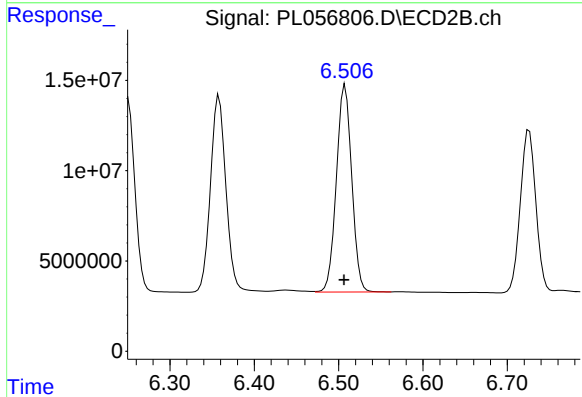
#13 Dieldrin

R.T.: 5.795 min  
Delta R.T.: 0.003 min  
Response: 679087186  
Conc: 45.56 ng/ml m

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

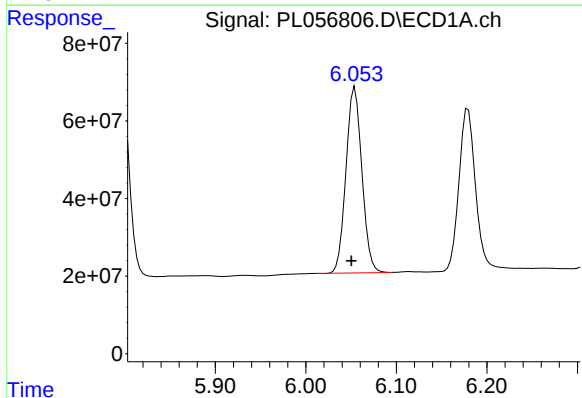
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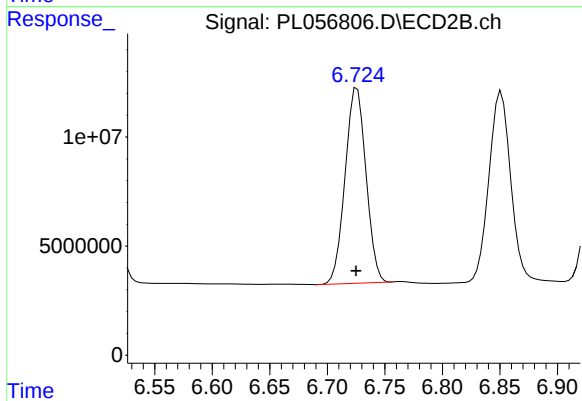
#13 Dieldrin

R.T.: 6.508 min  
Delta R.T.: 0.001 min  
Response: 144867992  
Conc: 50.68 ng/ml



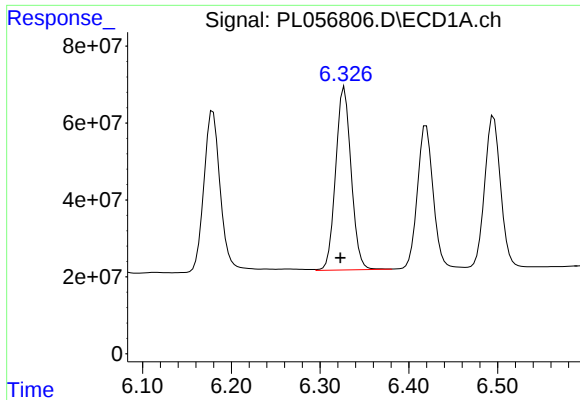
#14 Endrin

R.T.: 6.054 min  
Delta R.T.: 0.004 min  
Response: 586071090  
Conc: 43.42 ng/ml



#14 Endrin

R.T.: 6.726 min  
Delta R.T.: 0.000 min  
Response: 113710812  
Conc: 46.16 ng/ml



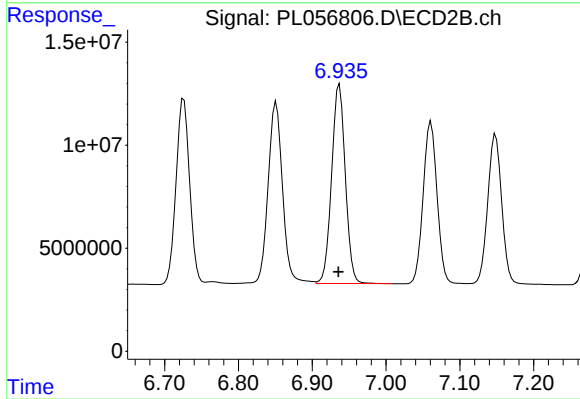
#15 Endosulfan II

R.T.: 6.327 min  
Delta R.T.: 0.005 min  
Response: 576159356  
Conc: 46.39 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

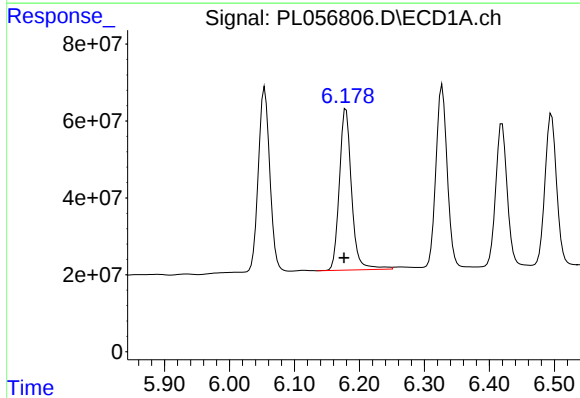
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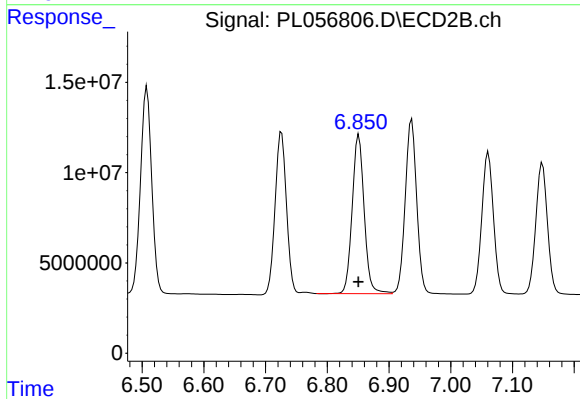
#15 Endosulfan II

R.T.: 6.937 min  
Delta R.T.: 0.001 min  
Response: 124801667  
Conc: 48.32 ng/ml



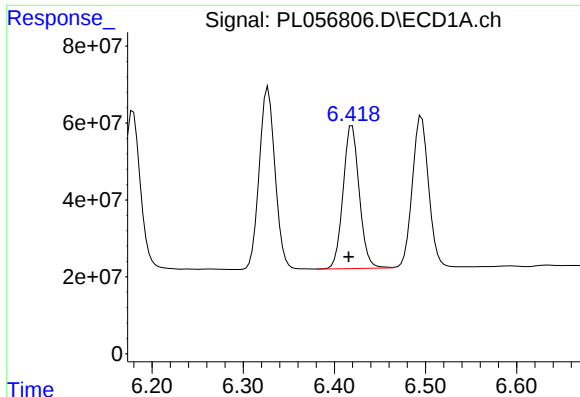
#16 4,4'-DDD

R.T.: 6.179 min  
Delta R.T.: 0.003 min  
Response: 548393647  
Conc: 49.03 ng/ml



#16 4,4'-DDD

R.T.: 6.851 min  
Delta R.T.: 0.000 min  
Response: 118858139  
Conc: 51.62 ng/ml



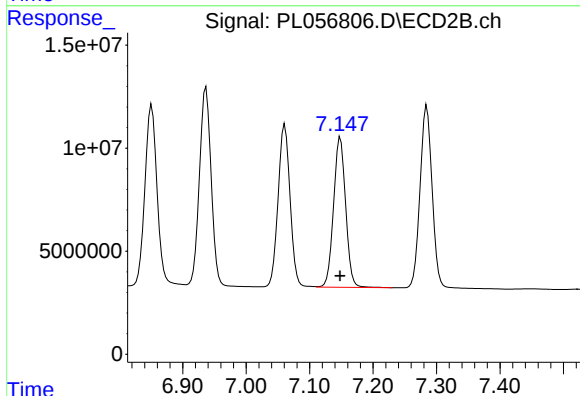
#17 4,4'-DDT

R.T.: 6.420 min  
Delta R.T.: 0.004 min  
Response: 459093170  
Conc: 42.16 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

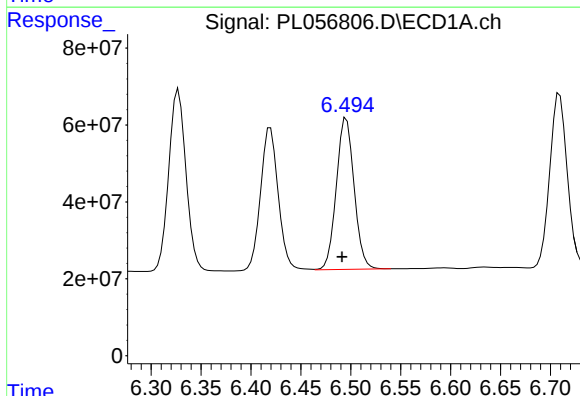
Manual Integrations  
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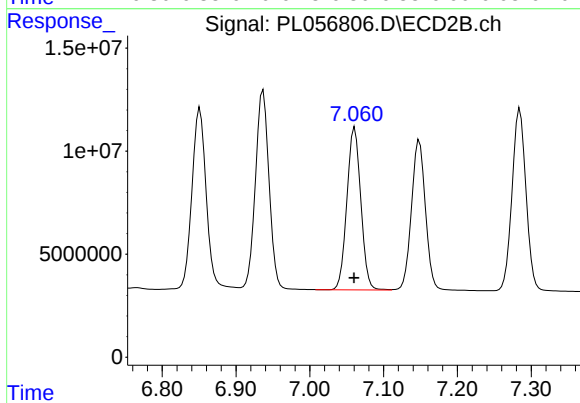
#17 4,4'-DDT

R.T.: 7.148 min  
Delta R.T.: 0.000 min  
Response: 96541170  
Conc: 46.40 ng/ml



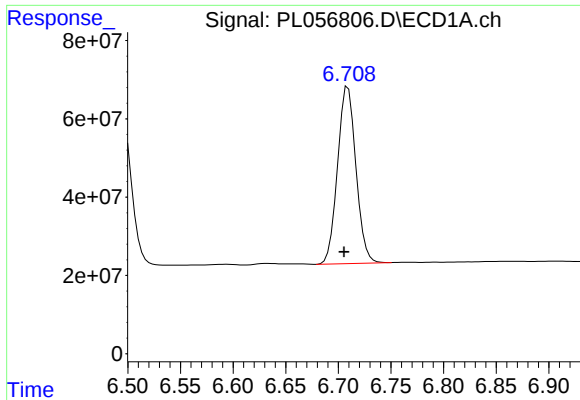
#18 Endrin aldehyde

R.T.: 6.496 min  
Delta R.T.: 0.004 min  
Response: 489995432  
Conc: 45.27 ng/ml



#18 Endrin aldehyde

R.T.: 7.061 min  
Delta R.T.: 0.000 min  
Response: 103421802  
Conc: 49.30 ng/ml



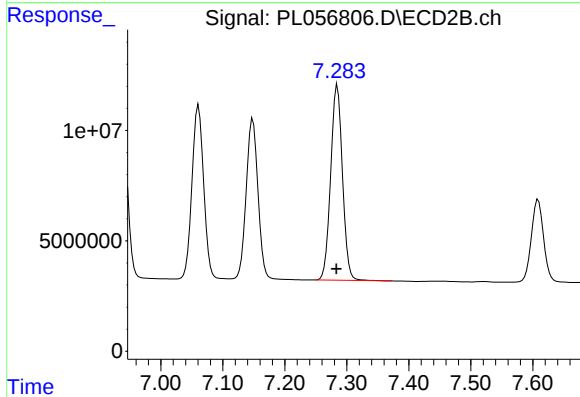
#19 Endosulfan Sulfate

R.T.: 6.709 min  
Delta R.T.: 0.004 min  
Response: 550793664  
Conc: 46.45 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

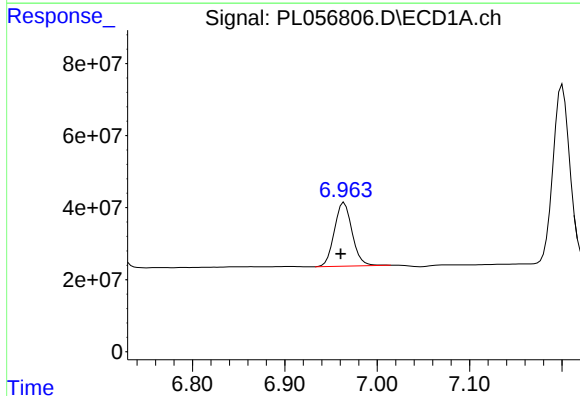
Manual Integrations  
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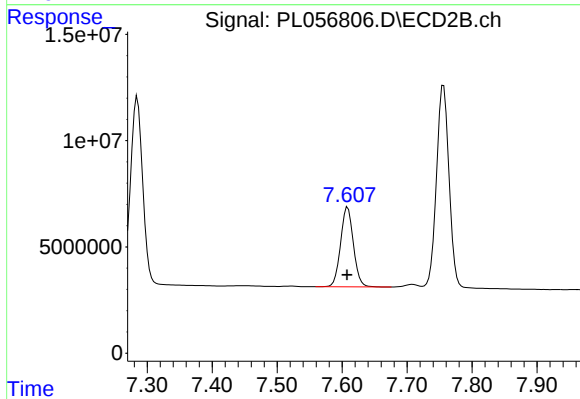
#19 Endosulfan Sulfate

R.T.: 7.285 min  
Delta R.T.: 0.001 min  
Response: 116855417  
Conc: 49.17 ng/ml



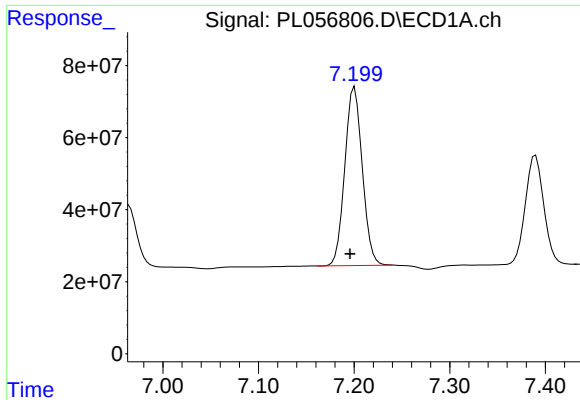
#20 Methoxychlor

R.T.: 6.964 min  
Delta R.T.: 0.004 min  
Response: 236242176  
Conc: 44.55 ng/ml



#20 Methoxychlor

R.T.: 7.609 min  
Delta R.T.: 0.000 min  
Response: 51548895  
Conc: 46.58 ng/ml



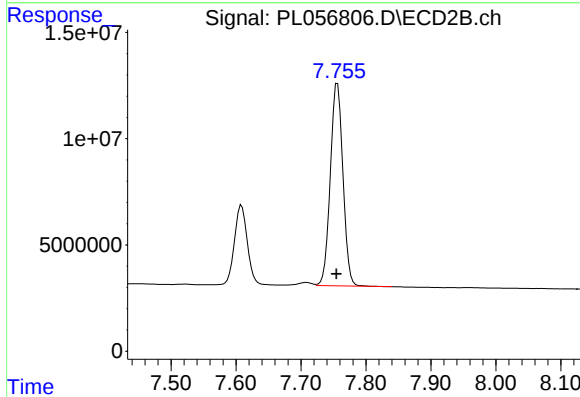
#21 Endrin ketone

R.T.: 7.200 min  
Delta R.T.: 0.004 min  
Response: 632714964  
Conc: 47.46 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

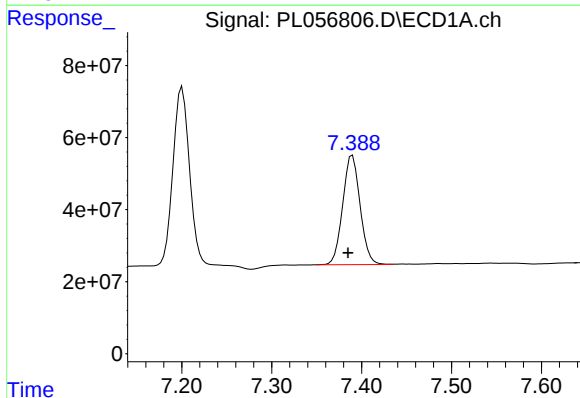
Manual Integrations  
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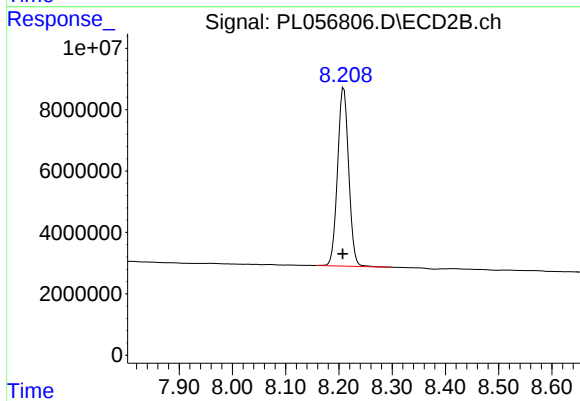
#21 Endrin ketone

R.T.: 7.756 min  
Delta R.T.: 0.001 min  
Response: 128385660  
Conc: 50.84 ng/ml



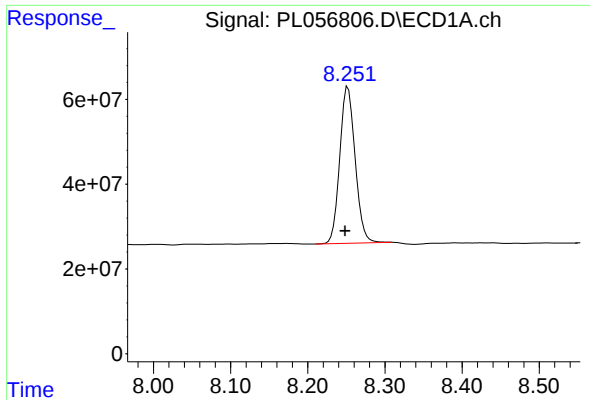
#22 Mirex

R.T.: 7.390 min  
Delta R.T.: 0.005 min  
Response: 408362402  
Conc: 48.66 ng/ml



#22 Mirex

R.T.: 8.209 min  
Delta R.T.: 0.002 min  
Response: 83939614  
Conc: 49.97 ng/ml



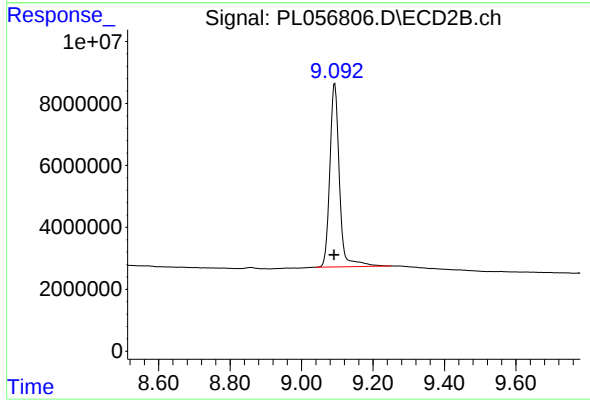
#28 Decachlorobiphenyl

R.T.: 8.252 min  
Delta R.T.: 0.004 min  
Response: 510819951  
Conc: 42.94 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

Manual Integrations  
APPROVED

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#28 Decachlorobiphenyl

R.T.: 9.093 min  
Delta R.T.: 0.002 min  
Response: 110527118  
Conc: 52.60 ng/ml