

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL080719\  
 Data File : PL051158.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 07 Aug 2019 16:13  
 Operator : SM\AJ  
 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: Aug 08 01:56:10 2019  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL071719.M  
 Quant Title : GC Extractables  
 QLast Update : Fri Jul 19 01:19:13 2019  
 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... | 3.318 | 3.928 | 558.4E6 | 149.2E6  | 55.578 | 52.297  |
| 28)                         | SA Decachlor... | 7.980 | 8.958 | 586.8E6 | 150.4E6  | 57.951 | 53.199  |
| Target Compounds            |                 |       |       |         |          |        |         |
| 2)                          | A alpha-BHC     | 3.746 | 4.317 | 942.5E6 | 226.3E6  | 56.244 | 54.842  |
| 3)                          | MA gamma-BHC... | 4.021 | 4.599 | 881.5E6 | 213.4E6  | 57.311 | 55.095  |
| 4)                          | MA Heptachlor   | 4.305 | 5.101 | 918.1E6 | 220.6E6  | 55.955 | 53.199  |
| 5)                          | MB Aldrin       | 4.543 | 5.403 | 891.5E6 | 209.2E6  | 57.547 | 55.514  |
| 6)                          | B beta-BHC      | 4.276 | 4.776 | 365.8E6 | 97766836 | 55.792 | 56.550  |
| 7)                          | B delta-BHC     | 4.469 | 4.990 | 933.1E6 | 215.7E6  | 56.865 | 55.780  |
| 8)                          | B Heptachlo...  | 4.980 | 5.790 | 827.0E6 | 201.7E6  | 55.976 | 52.747  |
| 9)                          | A Endosulfan I  | 5.310 | 6.145 | 781.9E6 | 189.3E6  | 53.760 | 55.043  |
| 10)                         | B gamma-Chl...  | 5.201 | 6.024 | 873.0E6 | 205.4E6  | 55.310 | 55.574  |
| 11)                         | B alpha-Chl...  | 5.257 | 6.095 | 840.6E6 | 202.3E6  | 55.097 | 55.206  |
| 12)                         | B 4,4'-DDE      | 5.425 | 6.256 | 775.6E6 | 201.1E6  | 51.758 | 55.799  |
| 13)                         | MA Dieldrin     | 5.548 | 6.401 | 870.8E6 | 199.3E6  | 56.192 | 56.295  |
| 14)                         | MA Endrin       | 5.801 | 6.618 | 769.3E6 | 165.8E6  | 52.264 | 53.460  |
| 15)                         | B Endosulfa...  | 6.076 | 6.831 | 751.7E6 | 176.2E6  | 53.715 | 55.423  |
| 16)                         | A 4,4'-DDD      | 5.935 | 6.746 | 699.9E6 | 157.9E6  | 58.402 | 59.297  |
| 17)                         | MA 4,4'-DDT     | 6.169 | 7.043 | 641.0E6 | 145.8E6  | 51.749 | 54.012  |
| 18)                         | B Endrin al...  | 6.243 | 6.953 | 614.5E6 | 148.9E6  | 53.267 | 54.805m |
| 19)                         | B Endosulfa...  | 6.454 | 7.177 | 682.9E6 | 162.6E6  | 53.604 | 56.288  |
| 20)                         | A Methoxychlor  | 6.714 | 7.504 | 320.2E6 | 80207341 | 51.325 | 54.664  |
| 21)                         | B Endrin ke...  | 6.936 | 7.644 | 774.4E6 | 173.1E6  | 56.617 | 59.865m |
| 22)                         | Mirex           | 7.109 | 8.094 | 523.5E6 | 126.4E6  | 53.399 | 55.029  |
| -----                       |                 |       |       |         |          |        |         |

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL080719\  
Data File : PL051158.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 07 Aug 2019 16:13  
Operator : SM\AJ  
Sample : PSTDCCC050  
Misc :  
ALS Vial : 4 Sample Multiplier: 1

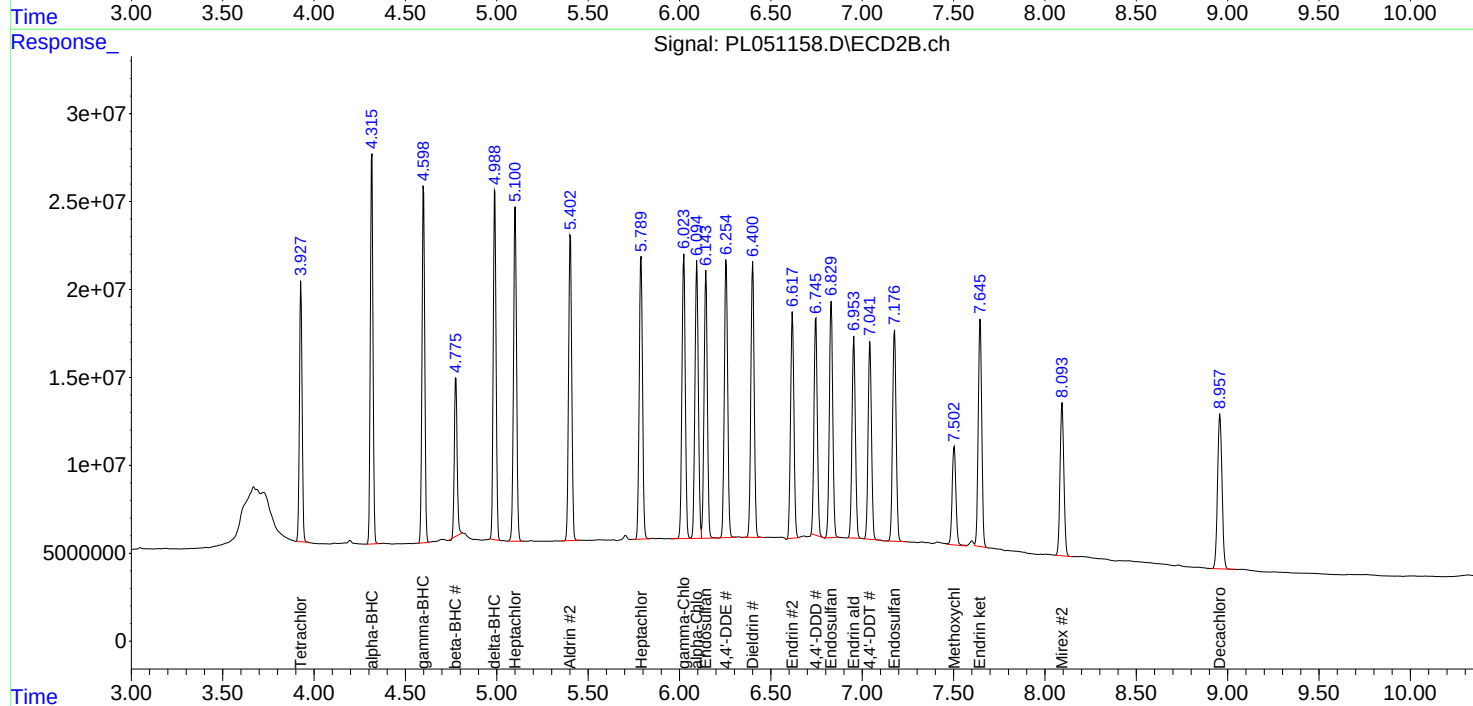
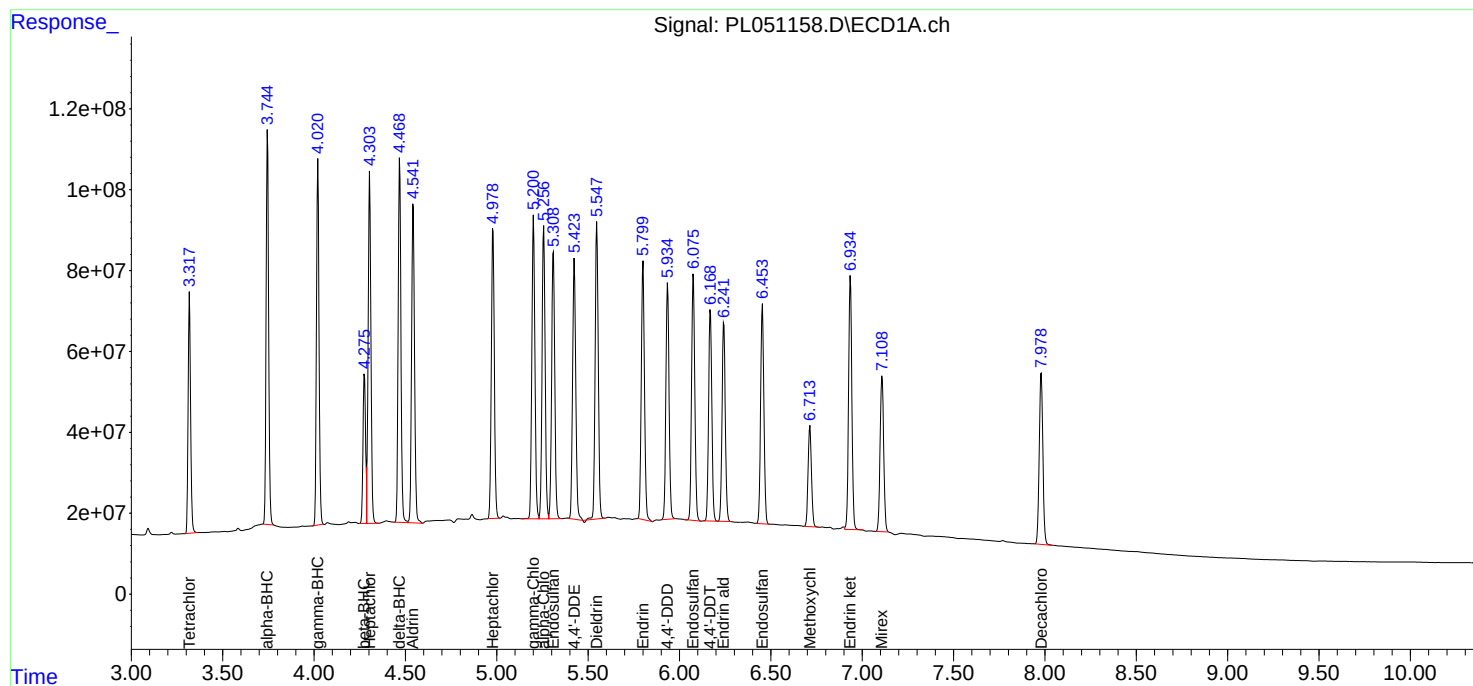
Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

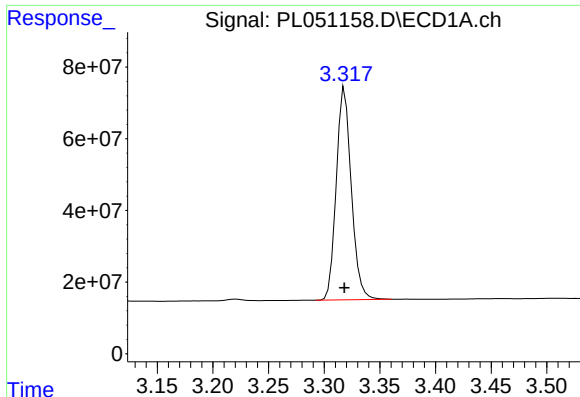
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Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Aug 08 01:56:10 2019  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL071719.M  
Quant Title : GC Extractables  
QLast Update : Fri Jul 19 01:19:13 2019  
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





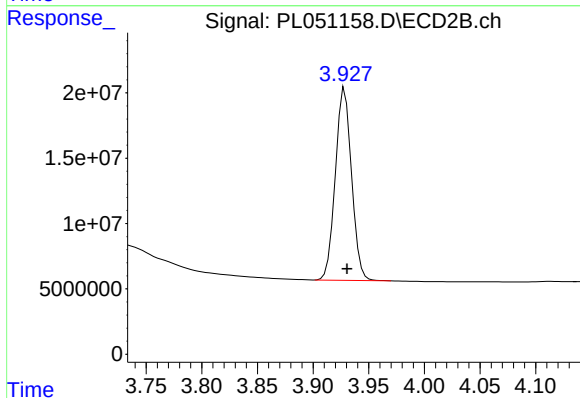
#1 Tetrachloro-m-xylene

R.T.: 3.318 min  
Delta R.T.: 0.000 min  
Response: 558439994  
Conc: 55.58 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

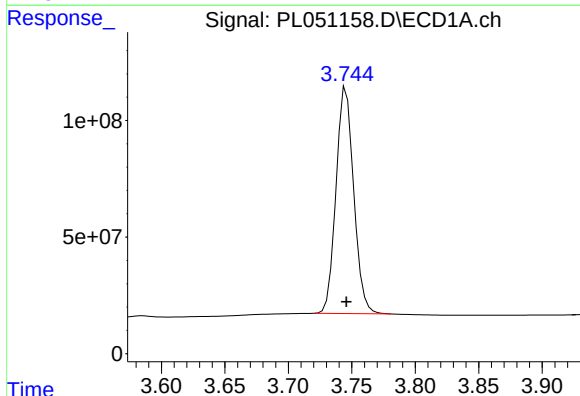
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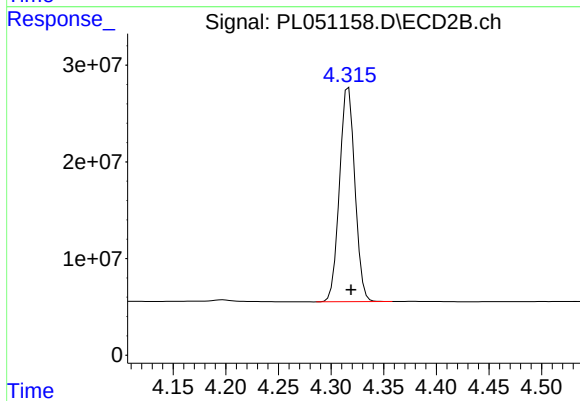
#1 Tetrachloro-m-xylene

R.T.: 3.928 min  
Delta R.T.: -0.002 min  
Response: 149213203  
Conc: 52.30 ng/ml



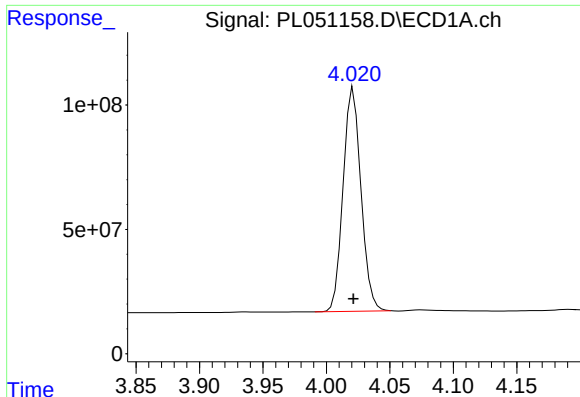
#2 alpha-BHC

R.T.: 3.746 min  
Delta R.T.: 0.000 min  
Response: 942514681  
Conc: 56.24 ng/ml



#2 alpha-BHC

R.T.: 4.317 min  
Delta R.T.: -0.002 min  
Response: 226275684  
Conc: 54.84 ng/ml



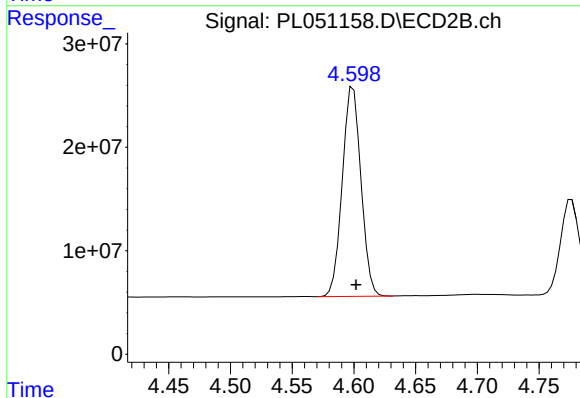
#3 gamma-BHC (Lindane)

R.T.: 4.021 min  
Delta R.T.: 0.000 min  
Response: 881540908  
Conc: 57.31 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

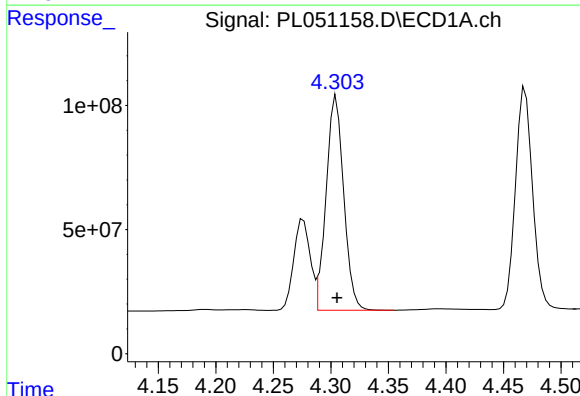
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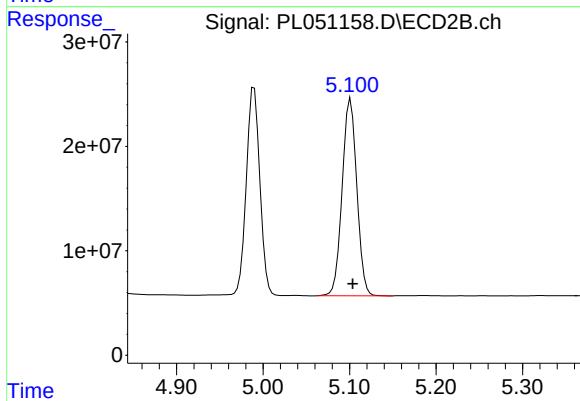
#3 gamma-BHC (Lindane)

R.T.: 4.599 min  
Delta R.T.: -0.002 min  
Response: 213391131  
Conc: 55.09 ng/ml



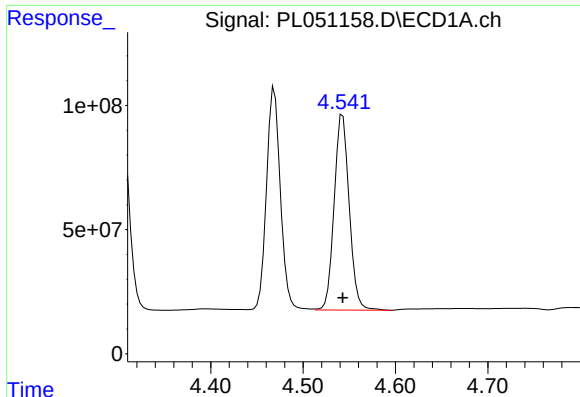
#4 Heptachlor

R.T.: 4.305 min  
Delta R.T.: 0.000 min  
Response: 918104557  
Conc: 55.96 ng/ml



#4 Heptachlor

R.T.: 5.101 min  
Delta R.T.: -0.002 min  
Response: 220600664  
Conc: 53.20 ng/ml



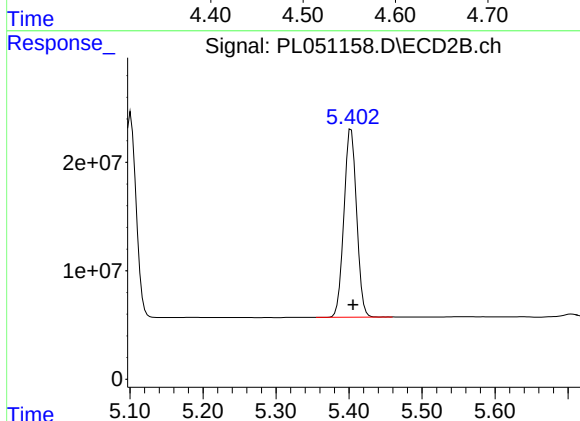
#5 Aldrin

R.T.: 4.543 min  
Delta R.T.: 0.000 min  
Response: 891487336  
Conc: 57.55 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

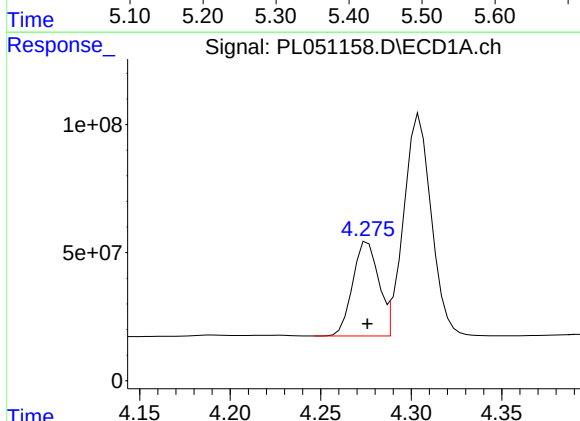
Manual Integrations  
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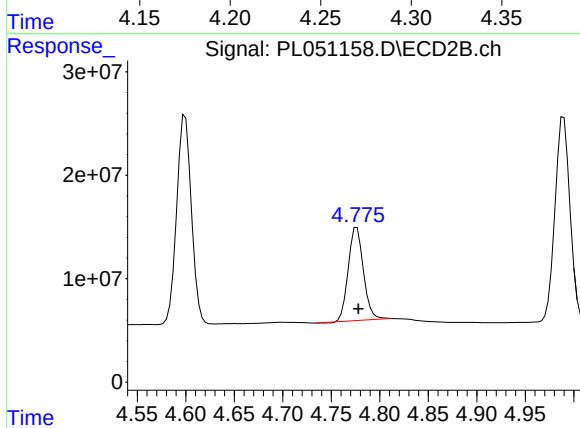
#5 Aldrin

R.T.: 5.403 min  
Delta R.T.: -0.002 min  
Response: 209195645  
Conc: 55.51 ng/ml



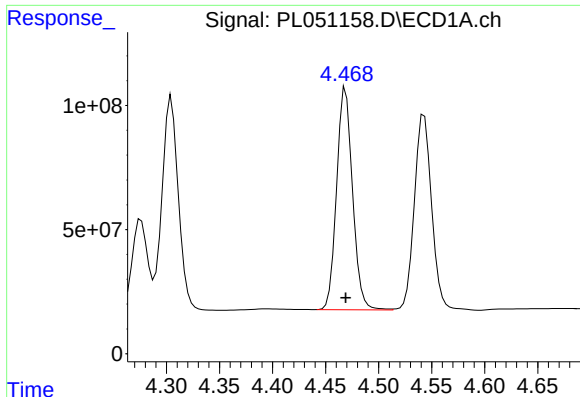
#6 beta-BHC

R.T.: 4.276 min  
Delta R.T.: 0.000 min  
Response: 365765359  
Conc: 55.79 ng/ml



#6 beta-BHC

R.T.: 4.776 min  
Delta R.T.: -0.002 min  
Response: 97766836  
Conc: 56.55 ng/ml



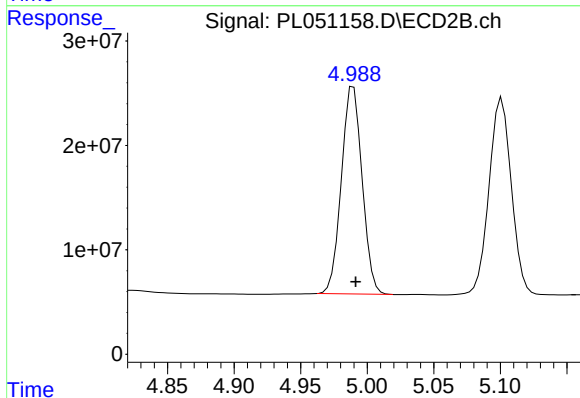
#7 delta-BHC

R.T.: 4.469 min  
Delta R.T.: 0.000 min  
Response: 933082004  
Conc: 56.87 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

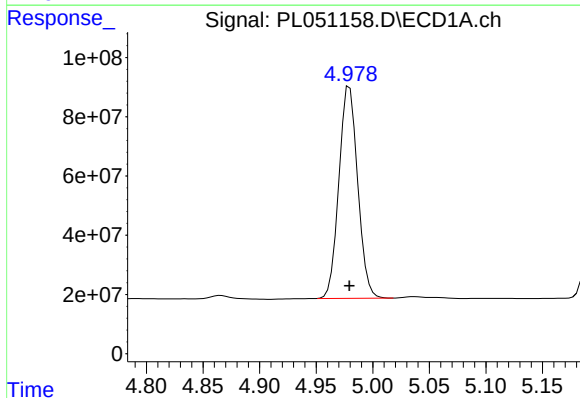
Manual Integrations  
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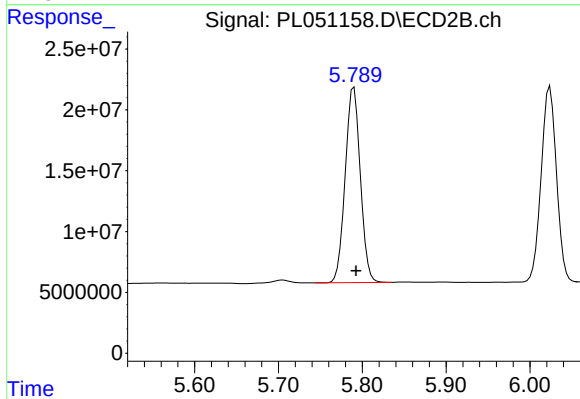
#7 delta-BHC

R.T.: 4.990 min  
Delta R.T.: -0.002 min  
Response: 215734626  
Conc: 55.78 ng/ml



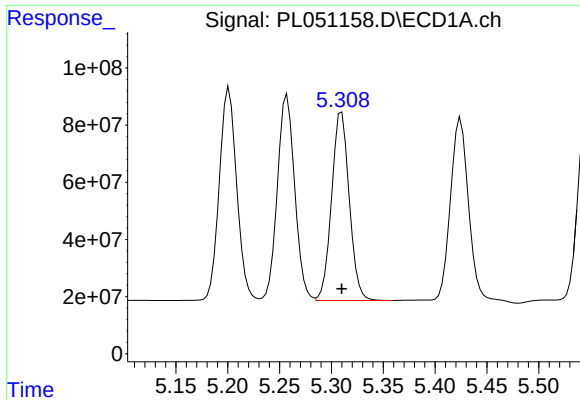
#8 Heptachlor epoxide

R.T.: 4.980 min  
Delta R.T.: 0.000 min  
Response: 826976088  
Conc: 55.98 ng/ml



#8 Heptachlor epoxide

R.T.: 5.790 min  
Delta R.T.: -0.003 min  
Response: 201746566  
Conc: 52.75 ng/ml



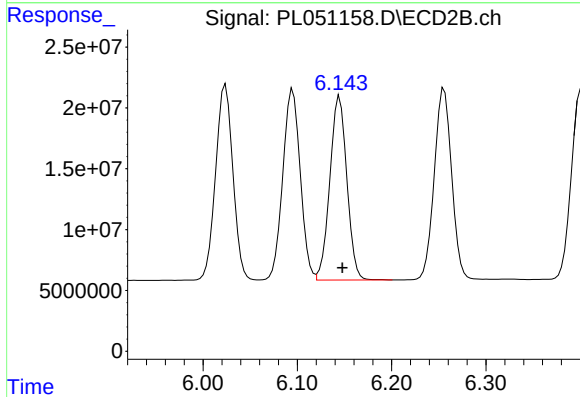
#9 Endosulfan I

R.T.: 5.310 min  
Delta R.T.: 0.000 min  
Response: 781885377  
Conc: 53.76 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

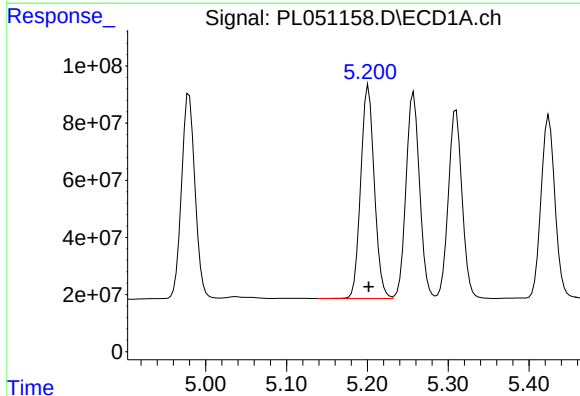
Manual Integrations  
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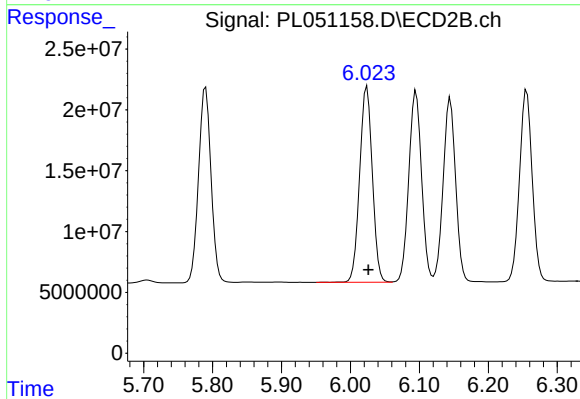
#9 Endosulfan I

R.T.: 6.145 min  
Delta R.T.: -0.003 min  
Response: 189287060  
Conc: 55.04 ng/ml



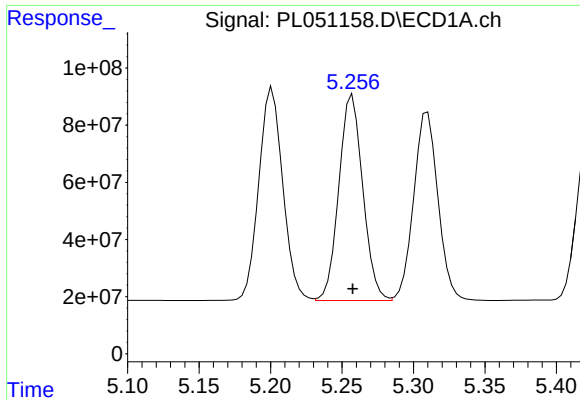
#10 gamma-Chlordane

R.T.: 5.201 min  
Delta R.T.: 0.000 min  
Response: 872962066  
Conc: 55.31 ng/ml



#10 gamma-Chlordane

R.T.: 6.024 min  
Delta R.T.: -0.002 min  
Response: 205360336  
Conc: 55.57 ng/ml



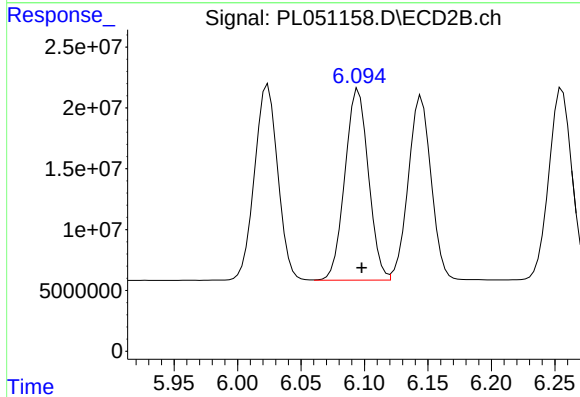
#11 alpha-Chlordane

R.T.: 5.257 min  
Delta R.T.: 0.000 min  
Response: 840558979  
Conc: 55.10 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

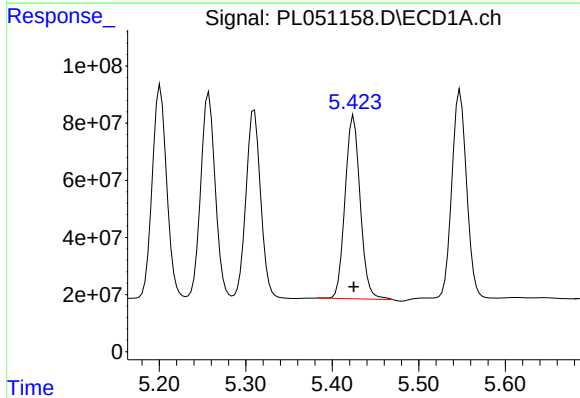
Manual Integrations  
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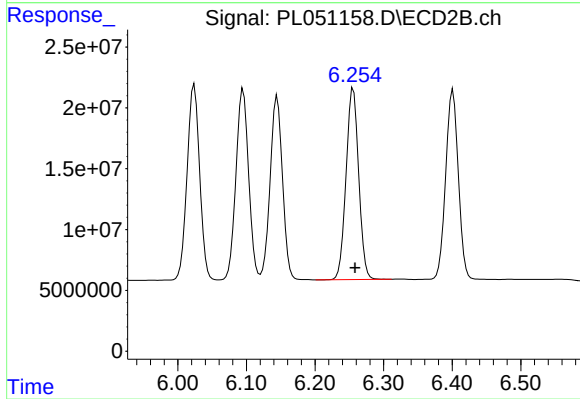
#11 alpha-Chlordane

R.T.: 6.095 min  
Delta R.T.: -0.003 min  
Response: 202338256  
Conc: 55.21 ng/ml



#12 4,4'-DDE

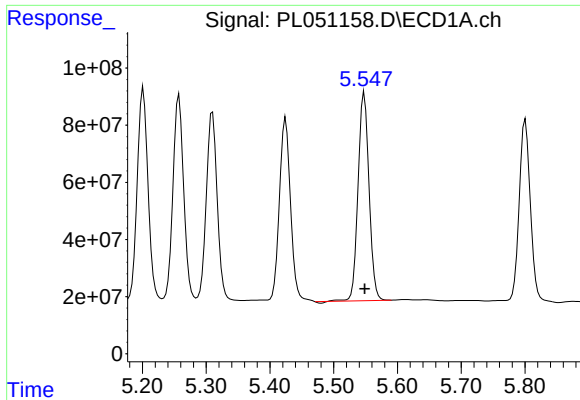
R.T.: 5.425 min  
Delta R.T.: 0.000 min  
Response: 775631911  
Conc: 51.76 ng/ml



#12 4,4'-DDE

R.T.: 6.256 min  
Delta R.T.: -0.003 min  
Response: 201064183  
Conc: 55.80 ng/ml





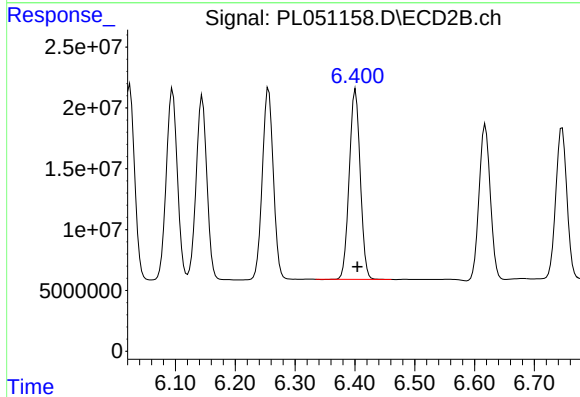
#13 Dieldrin

R.T.: 5.548 min  
Delta R.T.: 0.000 min  
Response: 870787666  
Conc: 56.19 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

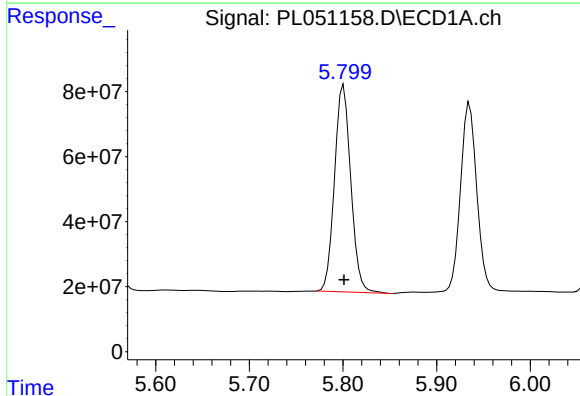
Manual Integrations  
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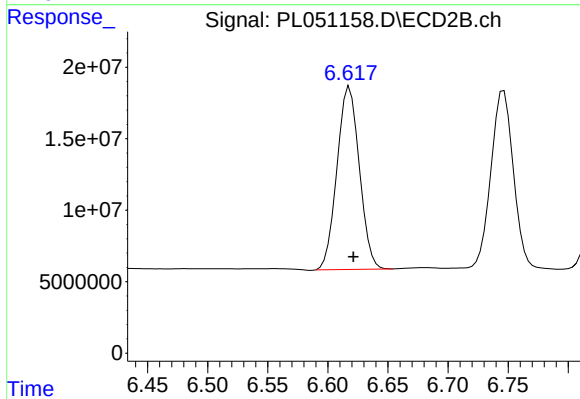
#13 Dieldrin

R.T.: 6.401 min  
Delta R.T.: -0.003 min  
Response: 199348123  
Conc: 56.29 ng/ml



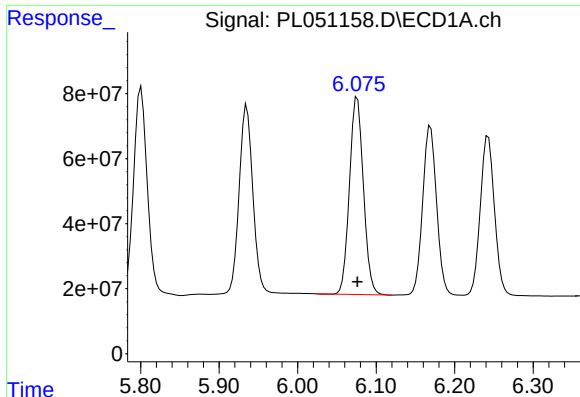
#14 Endrin

R.T.: 5.801 min  
Delta R.T.: 0.000 min  
Response: 769344606  
Conc: 52.26 ng/ml



#14 Endrin

R.T.: 6.618 min  
Delta R.T.: -0.003 min  
Response: 165803905  
Conc: 53.46 ng/ml



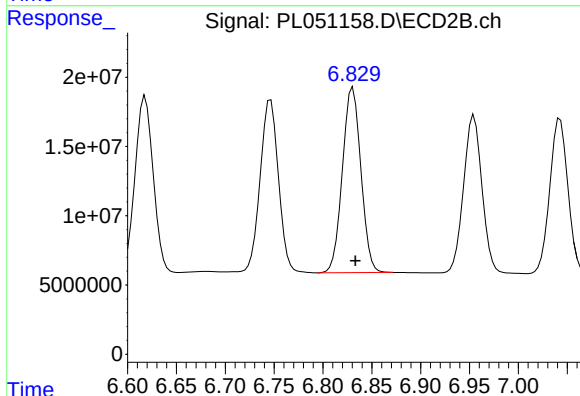
#15 Endosulfan II

R.T.: 6.076 min  
Delta R.T.: 0.000 min  
Response: 751739804  
Conc: 53.72 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

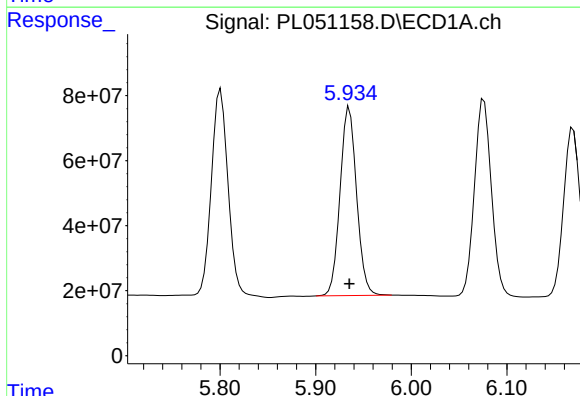
Manual Integrations  
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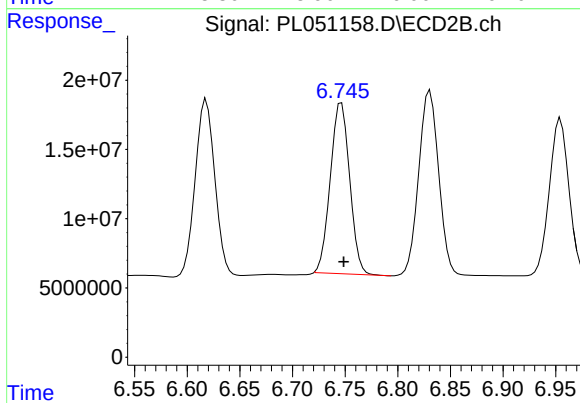
#15 Endosulfan II

R.T.: 6.831 min  
Delta R.T.: -0.003 min  
Response: 176199482  
Conc: 55.42 ng/ml



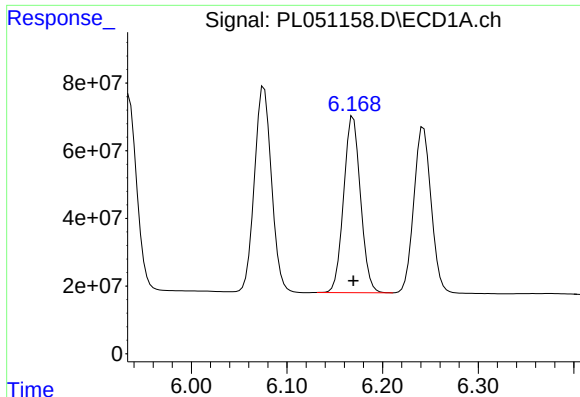
#16 4,4'-DDD

R.T.: 5.935 min  
Delta R.T.: 0.000 min  
Response: 699881752  
Conc: 58.40 ng/ml



#16 4,4'-DDD

R.T.: 6.746 min  
Delta R.T.: -0.002 min  
Response: 157900111  
Conc: 59.30 ng/ml



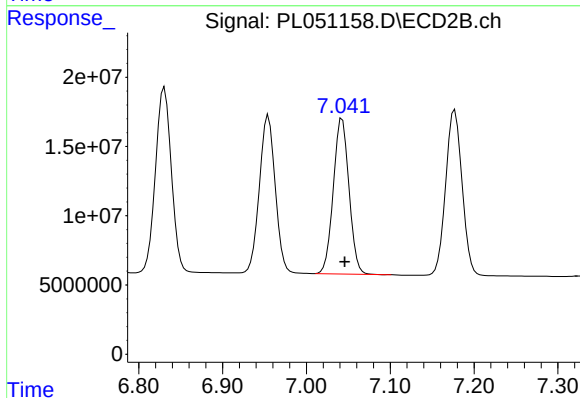
#17 4,4'-DDT

R.T.: 6.169 min  
Delta R.T.: 0.000 min  
Response: 640951078  
Conc: 51.75 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

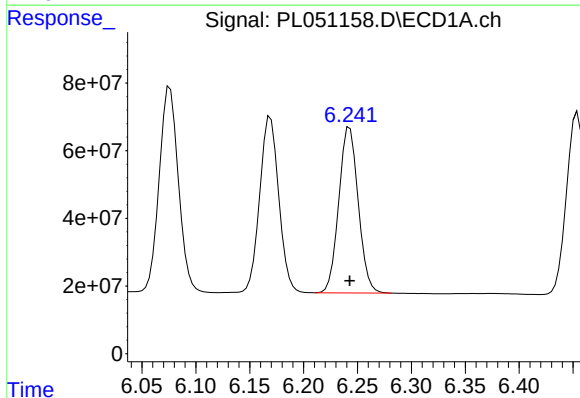
Manual Integrations  
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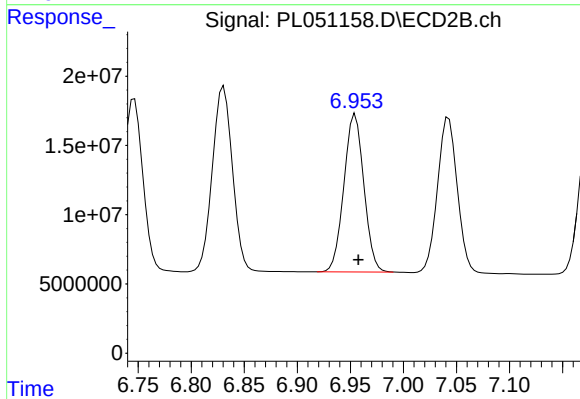
#17 4,4'-DDT

R.T.: 7.043 min  
Delta R.T.: -0.003 min  
Response: 145810179  
Conc: 54.01 ng/ml



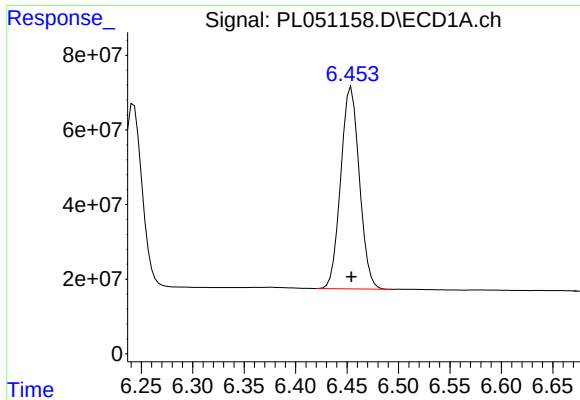
#18 Endrin aldehyde

R.T.: 6.243 min  
Delta R.T.: 0.000 min  
Response: 614514220  
Conc: 53.27 ng/ml



#18 Endrin aldehyde

R.T.: 6.953 min  
Delta R.T.: -0.004 min  
Response: 148937606  
Conc: 54.80 ng/ml m



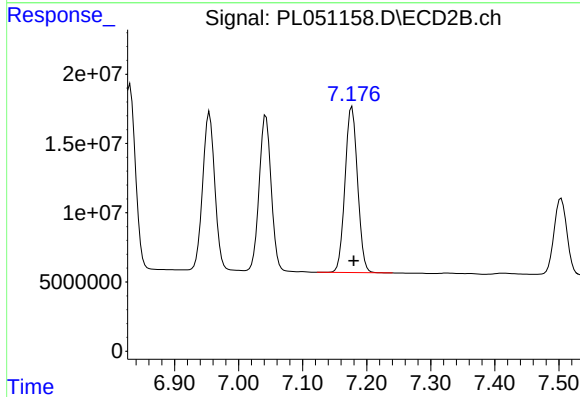
#19 Endosulfan Sulfate

R.T.: 6.454 min  
Delta R.T.: 0.000 min  
Response: 682890028  
Conc: 53.60 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

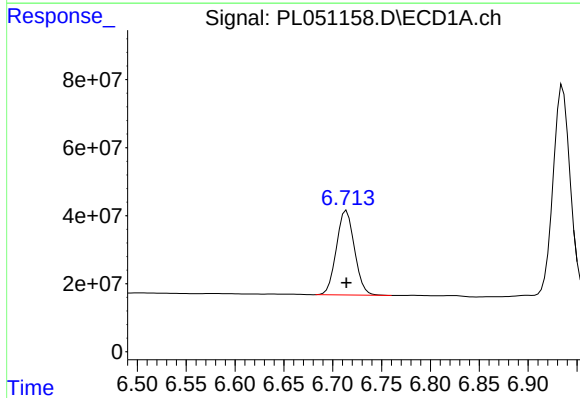
Manual Integrations  
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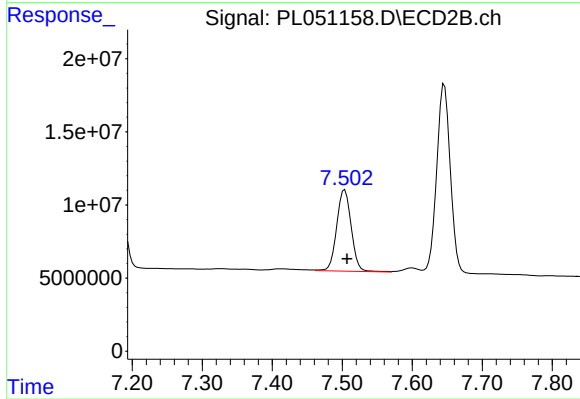
#19 Endosulfan Sulfate

R.T.: 7.177 min  
Delta R.T.: -0.003 min  
Response: 162572177  
Conc: 56.29 ng/ml



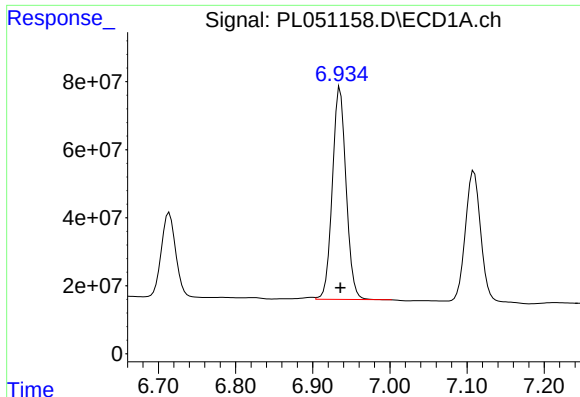
#20 Methoxychlor

R.T.: 6.714 min  
Delta R.T.: 0.000 min  
Response: 320215454  
Conc: 51.33 ng/ml



#20 Methoxychlor

R.T.: 7.504 min  
Delta R.T.: -0.003 min  
Response: 80207341  
Conc: 54.66 ng/ml



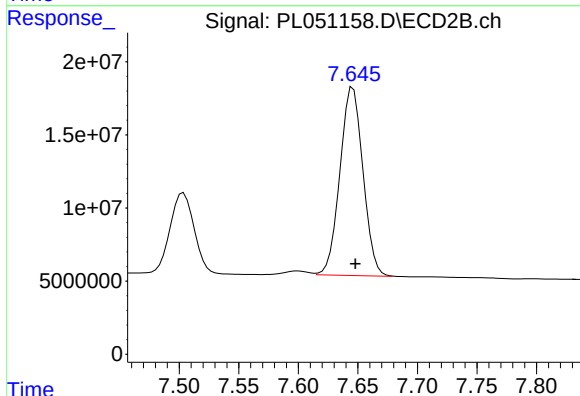
#21 Endrin ketone

R.T.: 6.936 min  
Delta R.T.: 0.000 min  
Response: 774371888  
Conc: 56.62 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

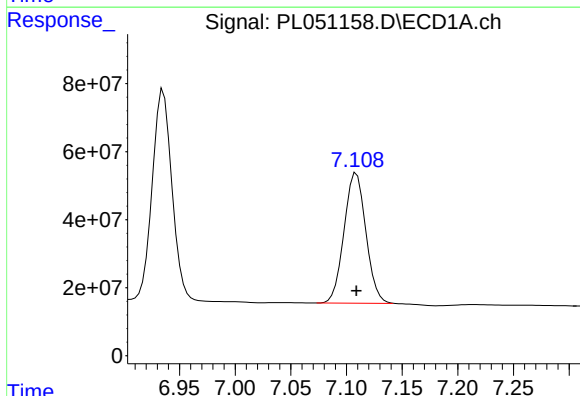
Manual Integrations  
APPROVED

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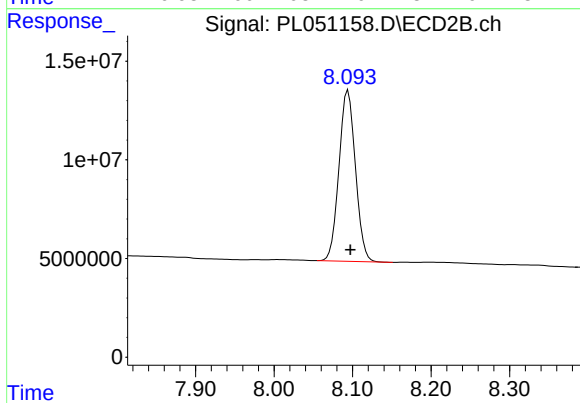
#21 Endrin ketone

R.T.: 7.644 min  
Delta R.T.: -0.004 min  
Response: 173085228  
Conc: 59.86 ng/ml m



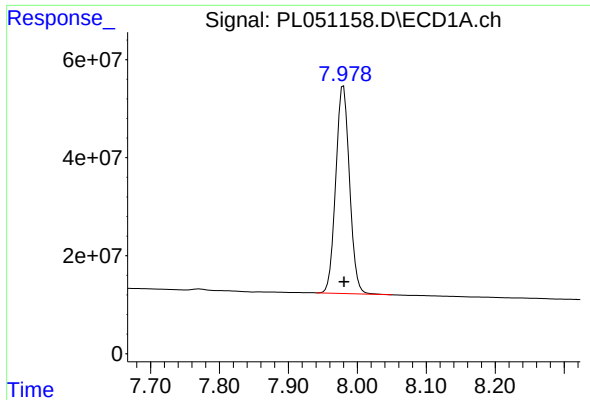
#22 Mirex

R.T.: 7.109 min  
Delta R.T.: 0.000 min  
Response: 523539276  
Conc: 53.40 ng/ml



#22 Mirex

R.T.: 8.094 min  
Delta R.T.: -0.003 min  
Response: 126401552  
Conc: 55.03 ng/ml



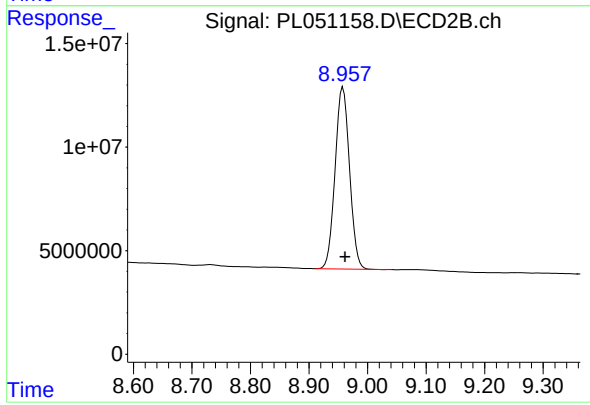
#28 Decachlorobiphenyl

R.T.: 7.980 min  
Delta R.T.: 0.000 min  
Response: 586779376  
Conc: 57.95 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

Manual Integrations  
APPROVED

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#28 Decachlorobiphenyl

R.T.: 8.958 min  
Delta R.T.: -0.004 min  
Response: 150441385  
Conc: 53.20 ng/ml