

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL123119\  
 Data File : PL055427.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 31 Dec 2019 16:06  
 Operator : SG\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: Jan 01 00:42:13 2020  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL122119.M  
 Quant Title : GC Extractables  
 QLast Update : Sat Dec 21 05:21:06 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... | 3.540 | 4.050 | 506.8E6 | 141.2E6  | 48.192 | 53.434   |
| 28)                         | SA Decachlor... | 8.320 | 9.155 | 437.0E6 | 106.5E6  | 47.100 | 48.238   |
| Target Compounds            |                 |       |       |         |          |        |          |
| 2)                          | A alpha-BHC     | 3.983 | 4.441 | 842.4E6 | 204.9E6  | 48.419 | 55.642   |
| 3)                          | MA gamma-BHC... | 4.269 | 4.727 | 777.9E6 | 188.5E6  | 47.178 | 55.141   |
| 4)                          | MA Heptachlor   | 4.575 | 5.236 | 768.1E6 | 166.5E6  | 47.044 | 52.920   |
| 5)                          | MB Aldrin       | 4.826 | 5.543 | 759.9E6 | 158.7E6  | 49.764 | 55.130   |
| 6)                          | B beta-BHC      | 4.521 | 4.897 | 323.5E6 | 86890557 | 47.174 | 52.911m  |
| 7)                          | B delta-BHC     | 4.728 | 5.116 | 744.8E6 | 168.3E6  | 49.209 | 60.198   |
| 8)                          | B Heptachlo...  | 5.272 | 5.930 | 698.1E6 | 144.6E6  | 48.858 | 56.740   |
| 9)                          | A Endosulfan I  | 5.613 | 6.288 | 633.9E6 | 134.6E6  | 47.973 | 54.333   |
| 10)                         | B gamma-Chl...  | 5.500 | 6.165 | 709.2E6 | 144.8E6  | 48.674 | 54.543   |
| 11)                         | B alpha-Chl...  | 5.558 | 6.237 | 673.6E6 | 141.7E6  | 47.841 | 54.052   |
| 12)                         | B 4,4'-DDE      | 5.721 | 6.395 | 572.2E6 | 132.7E6  | 42.938 | 54.437 # |
| 13)                         | MA Dieldrin     | 5.857 | 6.546 | 683.4E6 | 140.2E6  | 48.952 | 54.927   |
| 14)                         | MA Endrin       | 6.116 | 6.765 | 570.1E6 | 111.9E6  | 44.858 | 52.157   |
| 15)                         | B Endosulfa...  | 6.390 | 6.975 | 572.3E6 | 122.7E6  | 48.758 | 51.749   |
| 16)                         | A 4,4'-DDD      | 6.239 | 6.887 | 511.5E6 | 110.7E6  | 53.255 | 58.251   |
| 17)                         | MA 4,4'-DDT     | 6.481 | 7.187 | 447.7E6 | 91984797 | 44.471 | 46.868   |
| 18)                         | B Endrin al...  | 6.558 | 7.101 | 468.9E6 | 102.3E6  | 48.141 | 53.015   |
| 19)                         | B Endosulfa...  | 6.771 | 7.325 | 507.5E6 | 109.3E6  | 50.451 | 52.334   |
| 20)                         | A Methoxychlor  | 7.025 | 7.648 | 214.3E6 | 50095745 | 44.462 | 46.416   |
| 21)                         | B Endrin ke...  | 7.265 | 7.799 | 566.5E6 | 121.5E6  | 54.049 | 54.569   |
| 22)                         | Mirex           | 7.456 | 8.256 | 375.3E6 | 83802830 | 49.265 | 50.542   |
| -----                       |                 |       |       |         |          |        |          |

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL123119\  
Data File : PL055427.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 31 Dec 2019 16:06  
Operator : SG\AJ  
Sample : PSTDCCC050  
Misc :  
ALS Vial : 4 Sample Multiplier: 1

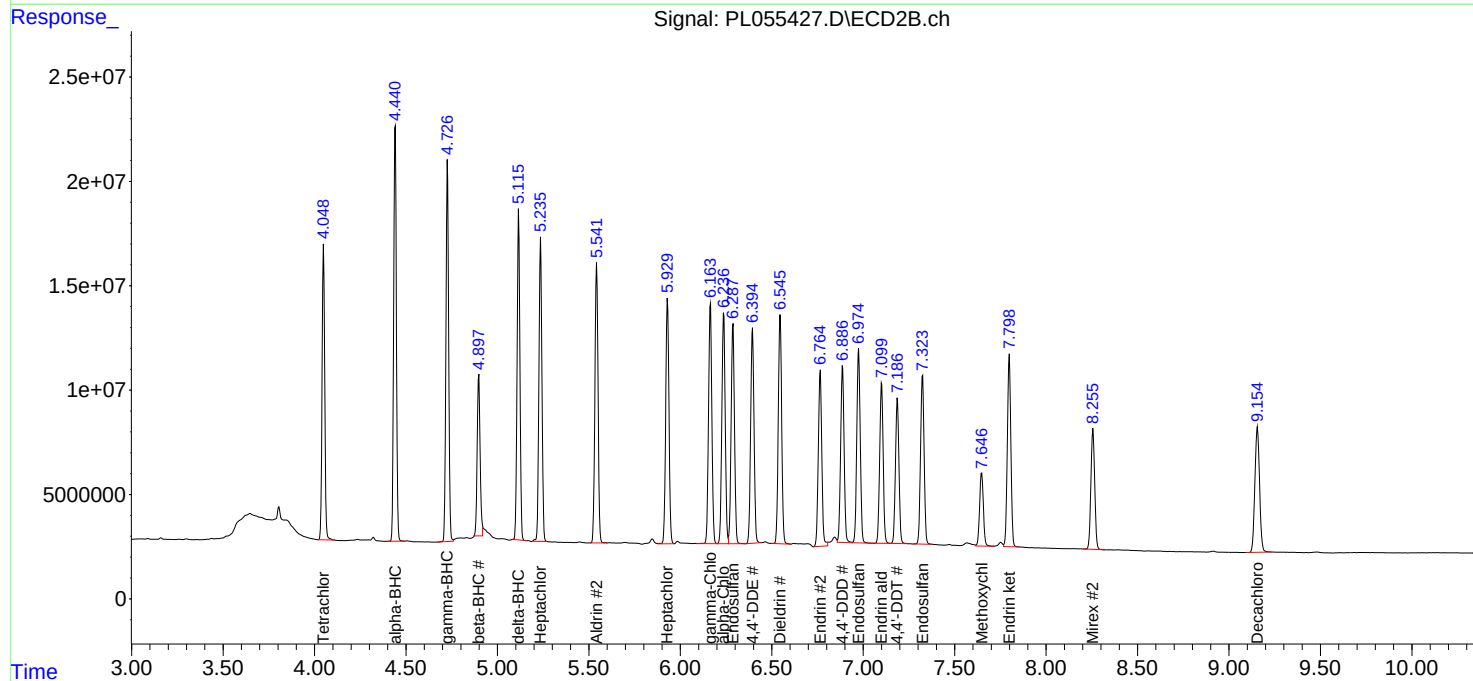
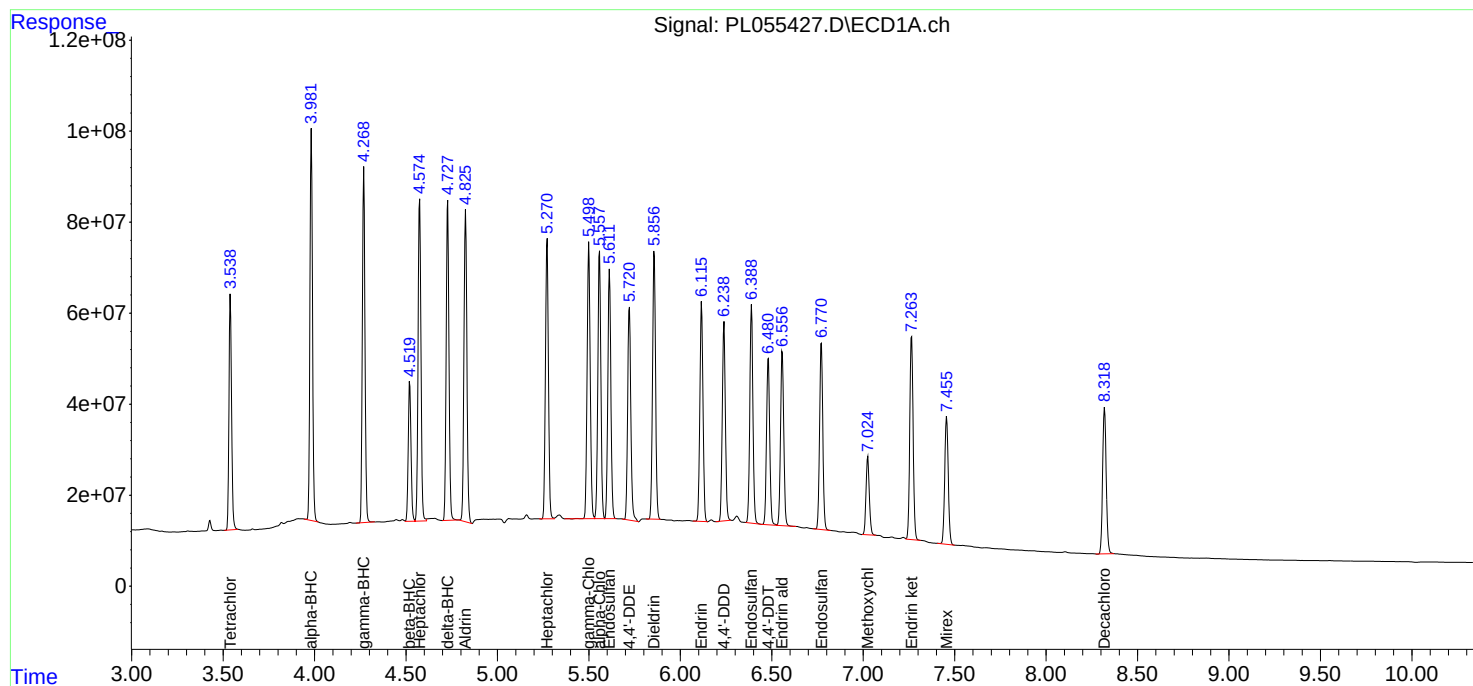
Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

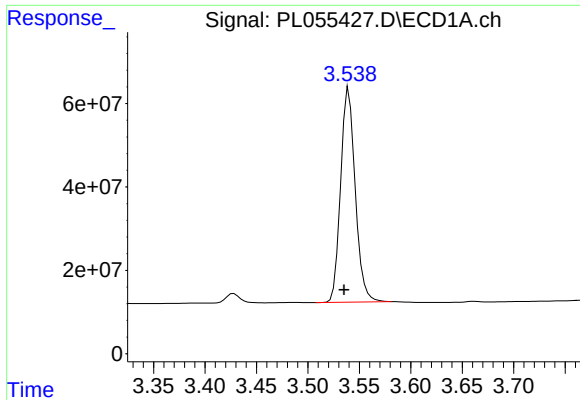
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Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Jan 01 00:42:13 2020  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL122119.M  
Quant Title : GC Extractables  
QLast Update : Sat Dec 21 05:21:06 2019  
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





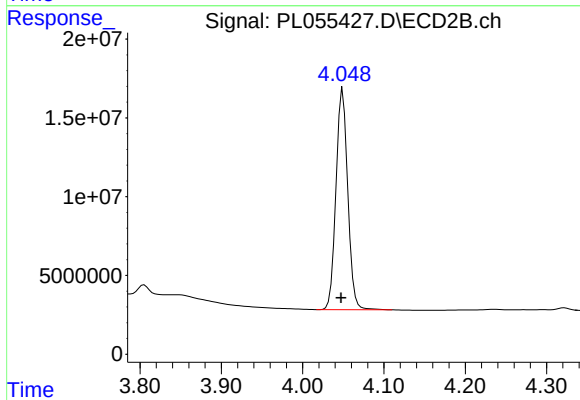
#1 Tetrachloro-m-xylene

R.T.: 3.540 min  
Delta R.T.: 0.005 min  
Response: 506813327  
Conc: 48.19 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

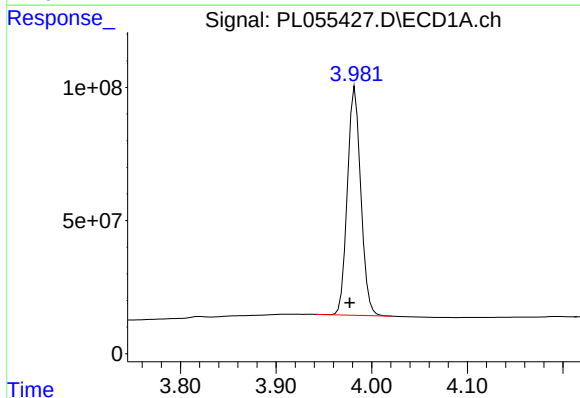
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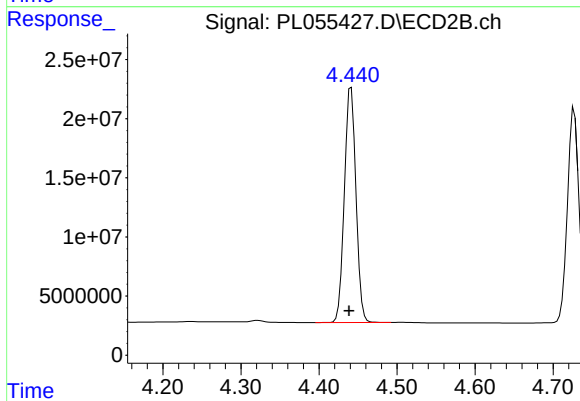
#1 Tetrachloro-m-xylene

R.T.: 4.050 min  
Delta R.T.: 0.002 min  
Response: 141187302  
Conc: 53.43 ng/ml



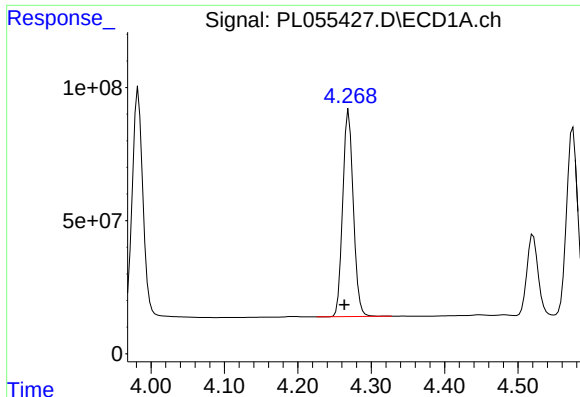
#2 alpha-BHC

R.T.: 3.983 min  
Delta R.T.: 0.006 min  
Response: 842369059  
Conc: 48.42 ng/ml



#2 alpha-BHC

R.T.: 4.441 min  
Delta R.T.: 0.003 min  
Response: 204919127  
Conc: 55.64 ng/ml



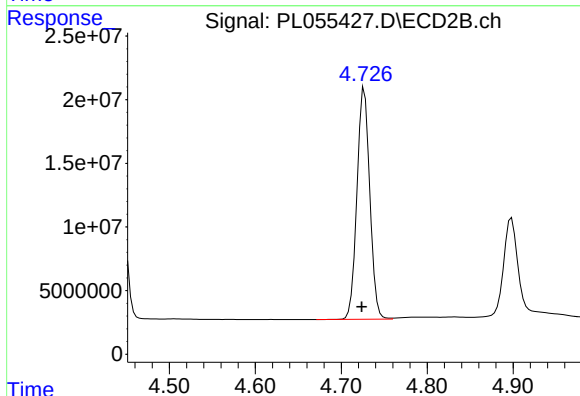
#3 gamma-BHC (Lindane)

R.T.: 4.269 min  
Delta R.T.: 0.006 min  
Response: 777877502  
Conc: 47.18 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

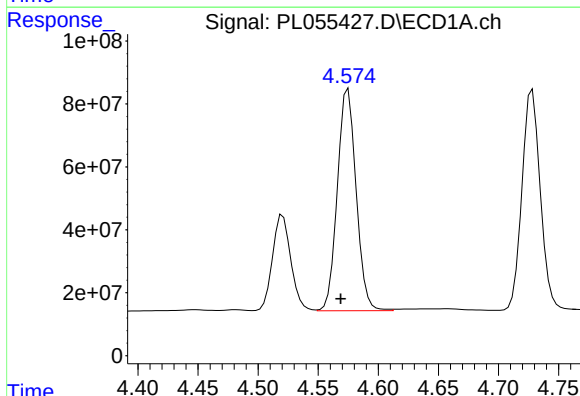
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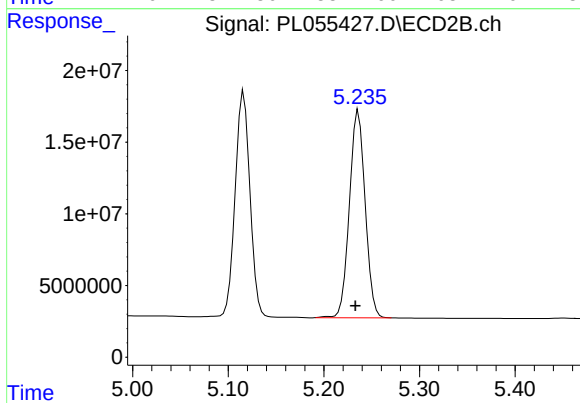
#3 gamma-BHC (Lindane)

R.T.: 4.727 min  
Delta R.T.: 0.003 min  
Response: 188503686  
Conc: 55.14 ng/ml



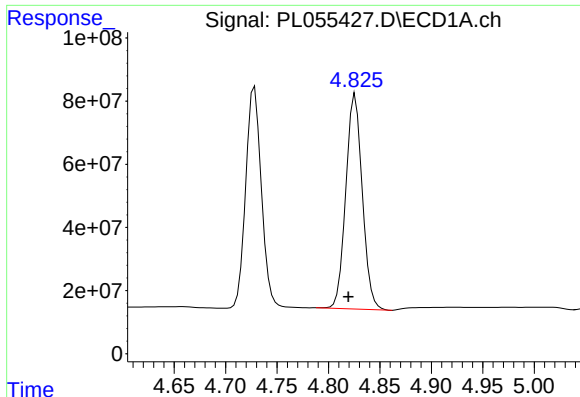
#4 Heptachlor

R.T.: 4.575 min  
Delta R.T.: 0.006 min  
Response: 768107839  
Conc: 47.04 ng/ml



#4 Heptachlor

R.T.: 5.236 min  
Delta R.T.: 0.003 min  
Response: 166491376  
Conc: 52.92 ng/ml



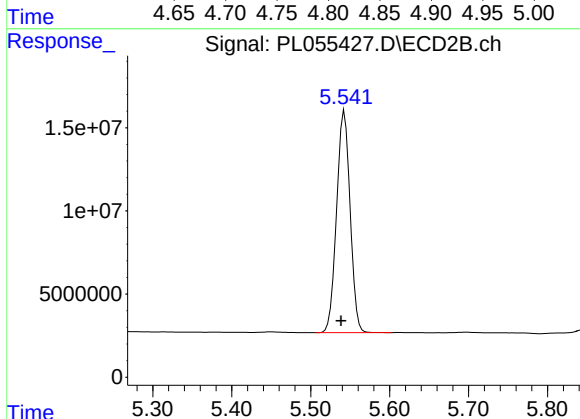
#5 Aldrin

R.T.: 4.826 min  
Delta R.T.: 0.007 min  
Response: 759858415  
Conc: 49.76 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

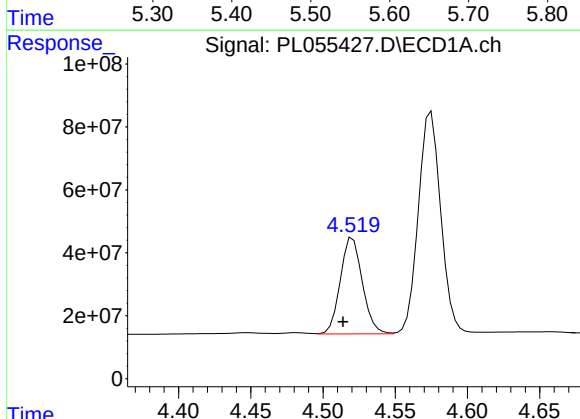
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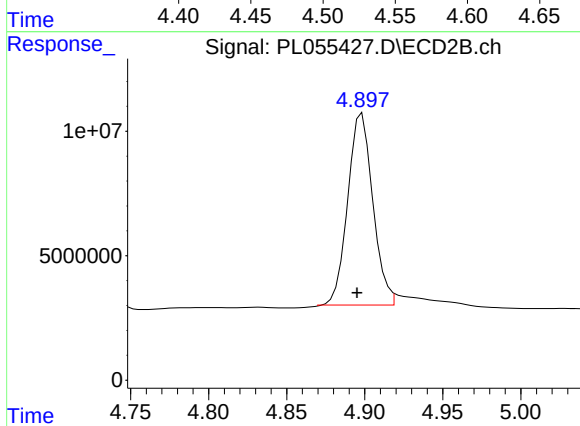
#5 Aldrin

R.T.: 5.543 min  
Delta R.T.: 0.005 min  
Response: 158745032  
Conc: 55.13 ng/ml



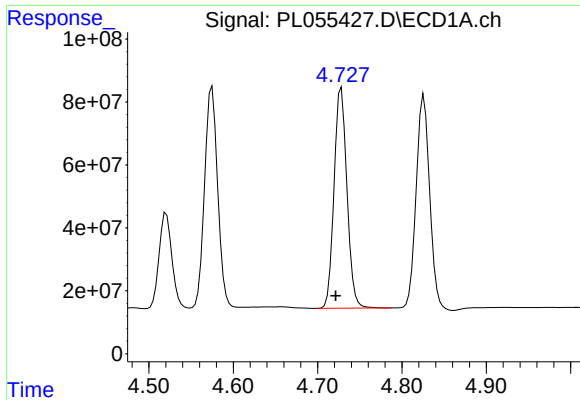
#6 beta-BHC

R.T.: 4.521 min  
Delta R.T.: 0.007 min  
Response: 323491227  
Conc: 47.17 ng/ml



#6 beta-BHC

R.T.: 4.897 min  
Delta R.T.: 0.002 min  
Response: 86890557  
Conc: 52.91 ng/ml m



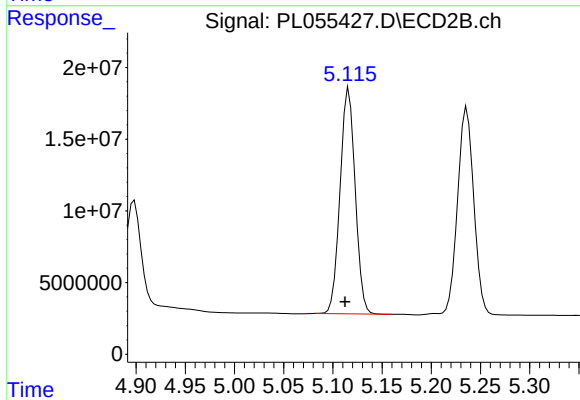
#7 delta-BHC

R.T.: 4.728 min  
Delta R.T.: 0.007 min  
Response: 744838601  
Conc: 49.21 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

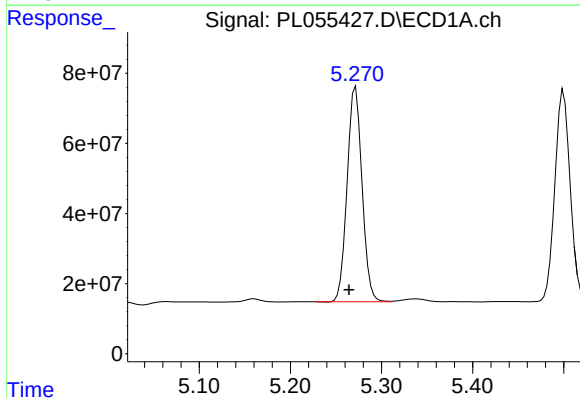
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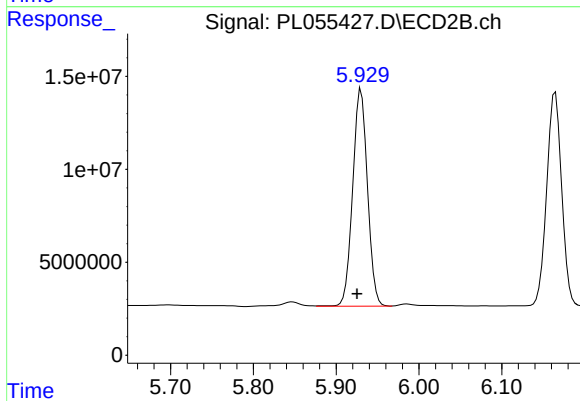
#7 delta-BHC

R.T.: 5.116 min  
Delta R.T.: 0.004 min  
Response: 168332301  
Conc: 60.20 ng/ml



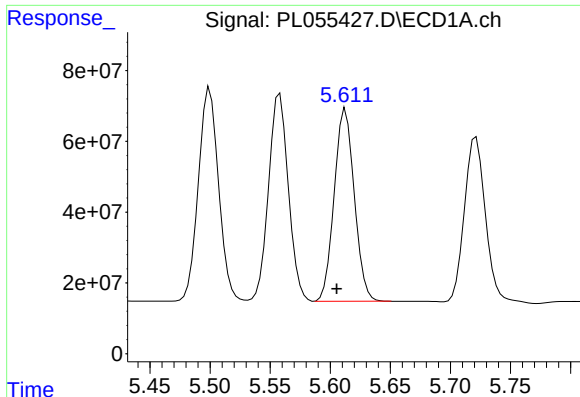
#8 Heptachlor epoxide

R.T.: 5.272 min  
Delta R.T.: 0.007 min  
Response: 698136990  
Conc: 48.86 ng/ml



#8 Heptachlor epoxide

R.T.: 5.930 min  
Delta R.T.: 0.005 min  
Response: 144620844  
Conc: 56.74 ng/ml



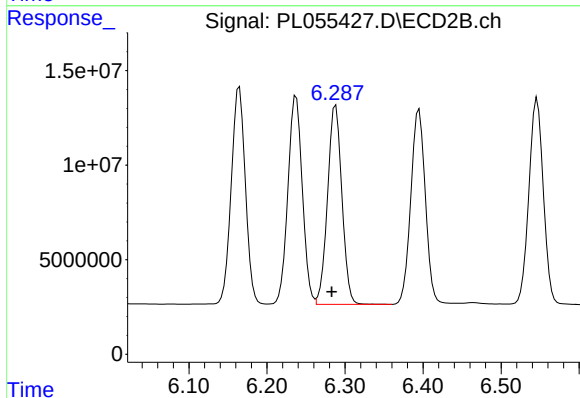
#9 Endosulfan I

R.T.: 5.613 min  
Delta R.T.: 0.007 min  
Response: 633864869  
Conc: 47.97 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

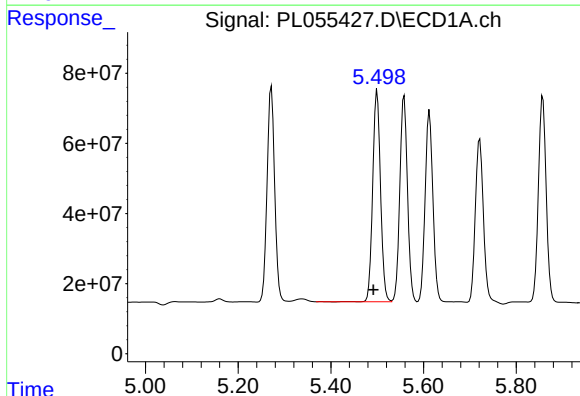
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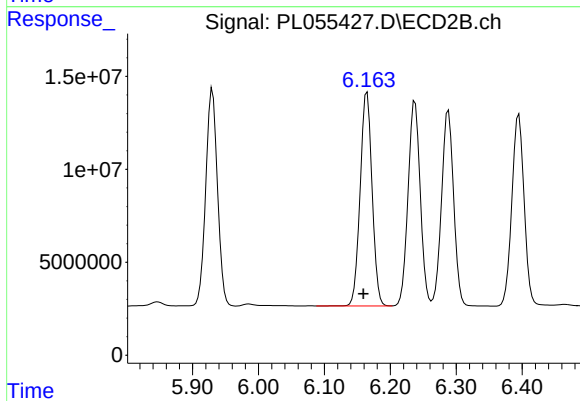
#9 Endosulfan I

R.T.: 6.288 min  
Delta R.T.: 0.005 min  
Response: 134572448  
Conc: 54.33 ng/ml



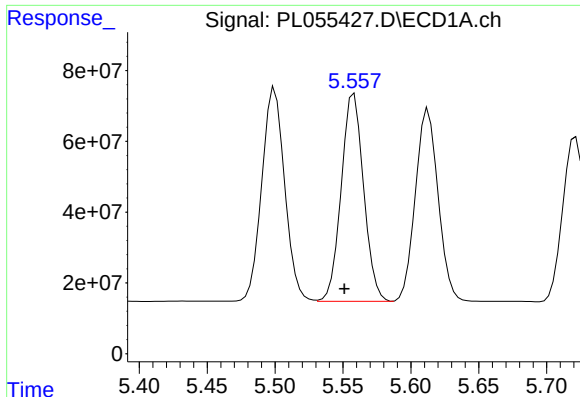
#10 gamma-Chlordane

R.T.: 5.500 min  
Delta R.T.: 0.008 min  
Response: 709181043  
Conc: 48.67 ng/ml



#10 gamma-Chlordane

R.T.: 6.165 min  
Delta R.T.: 0.005 min  
Response: 144764947  
Conc: 54.54 ng/ml



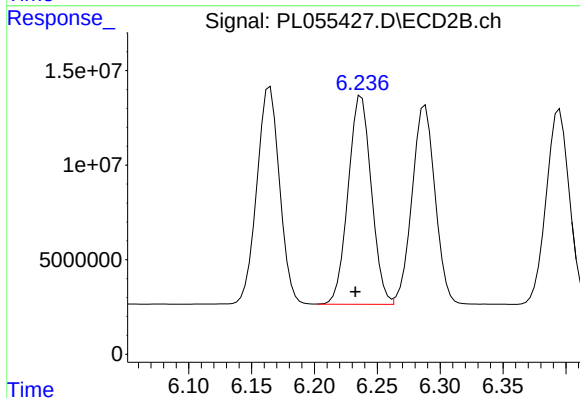
#11 alpha-Chlordane

R.T.: 5.558 min  
Delta R.T.: 0.007 min  
Response: 673554676  
Conc: 47.84 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

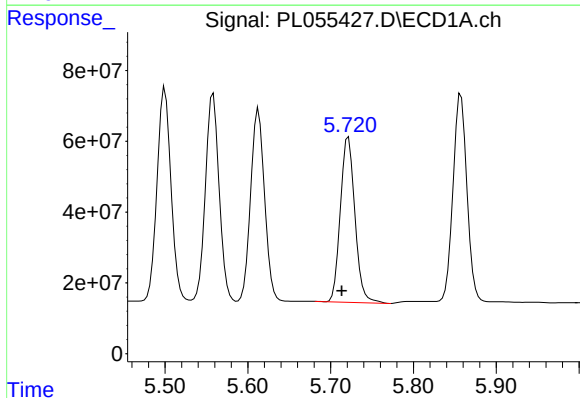
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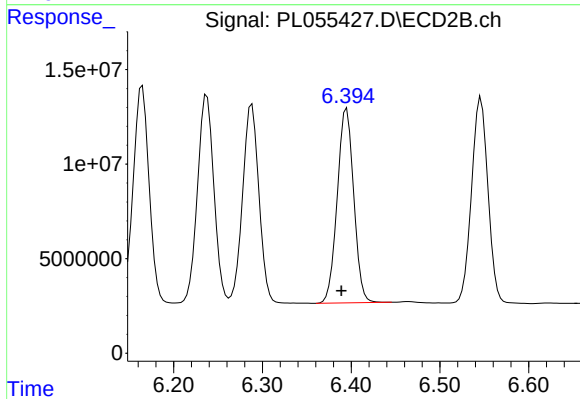
#11 alpha-Chlordane

R.T.: 6.237 min  
Delta R.T.: 0.005 min  
Response: 141740461  
Conc: 54.05 ng/ml



#12 4,4'-DDE

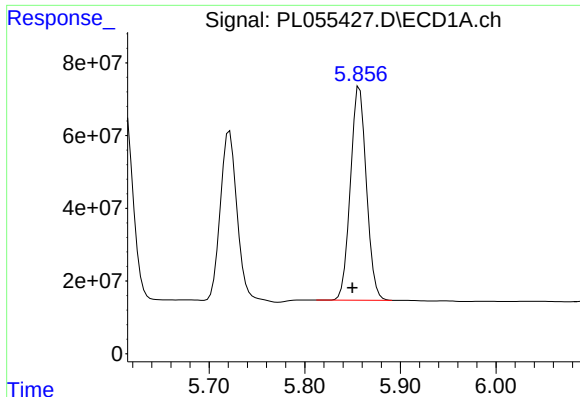
R.T.: 5.721 min  
Delta R.T.: 0.008 min  
Response: 572195073  
Conc: 42.94 ng/ml



#12 4,4'-DDE

R.T.: 6.395 min  
Delta R.T.: 0.006 min  
Response: 132732036  
Conc: 54.44 ng/ml





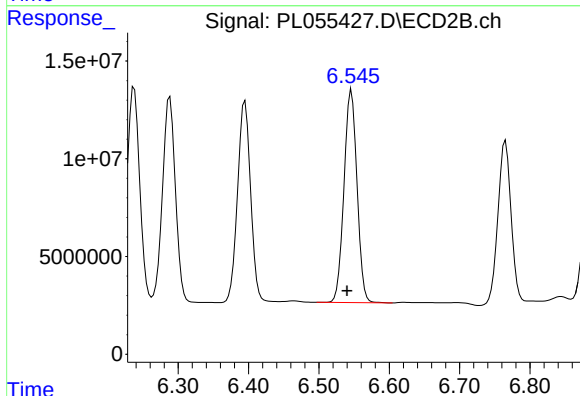
#13 Dieldrin

R.T.: 5.857 min  
Delta R.T.: 0.008 min  
Response: 683370765  
Conc: 48.95 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

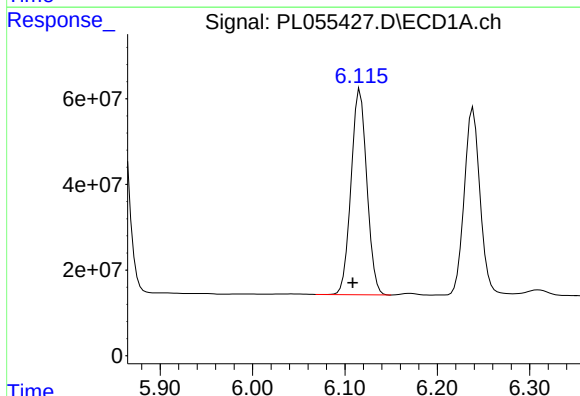
Manual Integrations  
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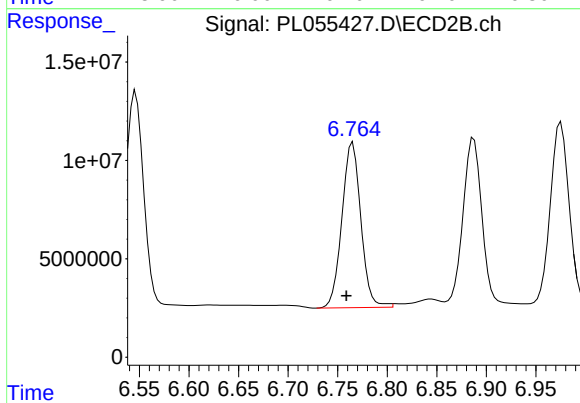
#13 Dieldrin

R.T.: 6.546 min  
Delta R.T.: 0.006 min  
Response: 140175958  
Conc: 54.93 ng/ml



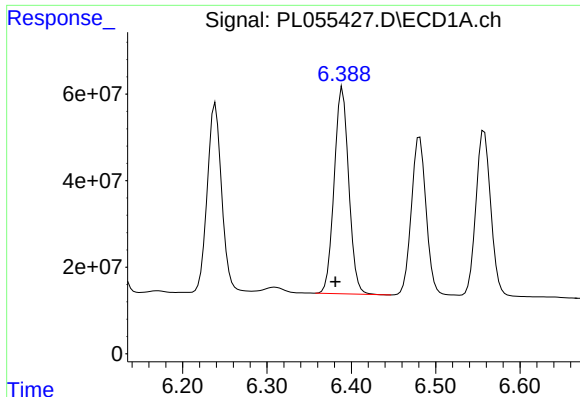
#14 Endrin

R.T.: 6.116 min  
Delta R.T.: 0.008 min  
Response: 570130174  
Conc: 44.86 ng/ml



#14 Endrin

R.T.: 6.765 min  
Delta R.T.: 0.007 min  
Response: 111926514  
Conc: 52.16 ng/ml



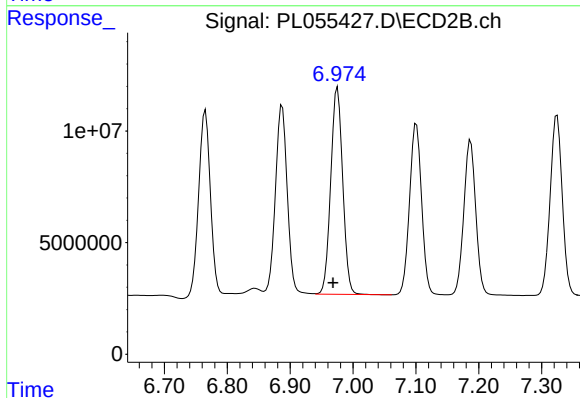
#15 Endosulfan II

R.T.: 6.390 min  
Delta R.T.: 0.008 min  
Response: 572261328  
Conc: 48.76 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

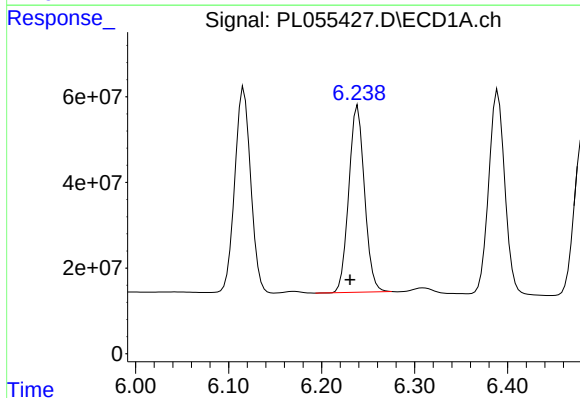
Manual Integrations  
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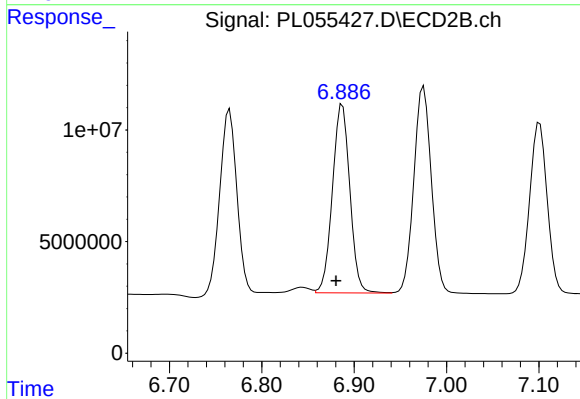
#15 Endosulfan II

R.T.: 6.975 min  
Delta R.T.: 0.007 min  
Response: 122682250  
Conc: 51.75 ng/ml



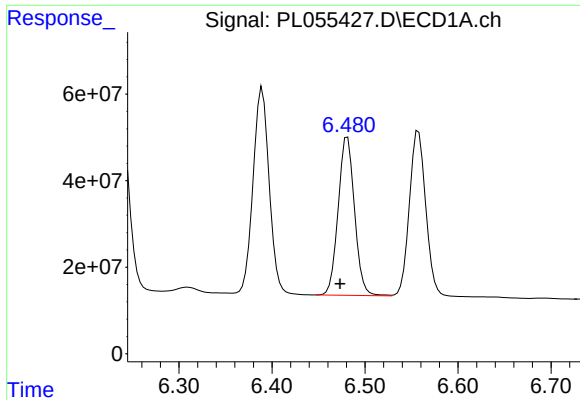
#16 4,4'-DDD

R.T.: 6.239 min  
Delta R.T.: 0.008 min  
Response: 511494738  
Conc: 53.26 ng/ml



#16 4,4'-DDD

R.T.: 6.887 min  
Delta R.T.: 0.007 min  
Response: 110740205  
Conc: 58.25 ng/ml



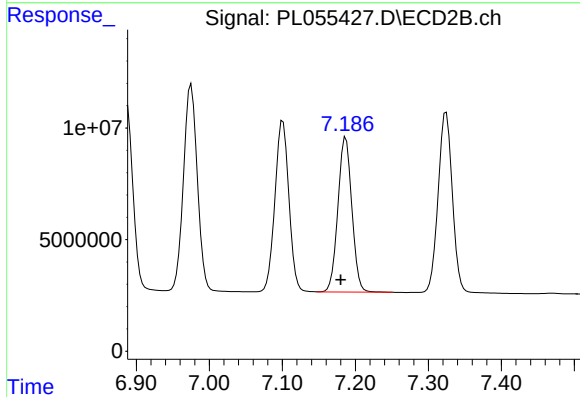
#17 4,4'-DDT

R.T.: 6.481 min  
Delta R.T.: 0.008 min  
Response: 447689322  
Conc: 44.47 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

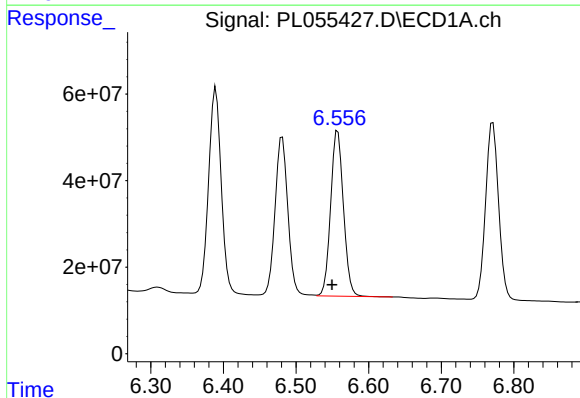
Manual Integrations  
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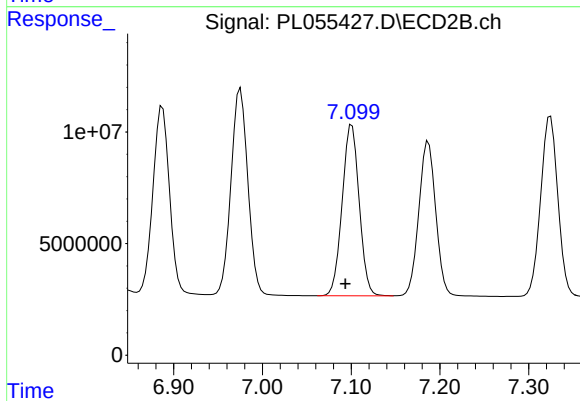
#17 4,4'-DDT

R.T.: 7.187 min  
Delta R.T.: 0.007 min  
Response: 91984797  
Conc: 46.87 ng/ml



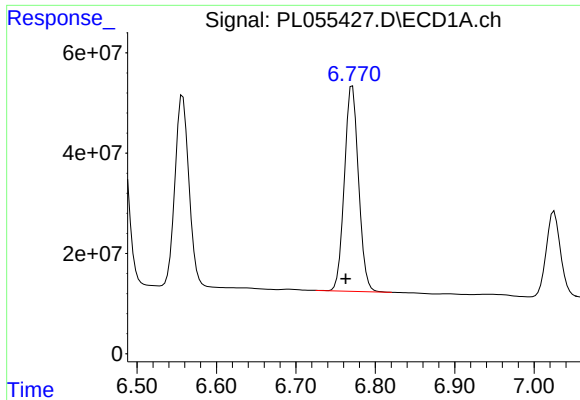
#18 Endrin aldehyde

R.T.: 6.558 min  
Delta R.T.: 0.008 min  
Response: 468855933  
Conc: 48.14 ng/ml



#18 Endrin aldehyde

R.T.: 7.101 min  
Delta R.T.: 0.007 min  
Response: 102314667  
Conc: 53.01 ng/ml



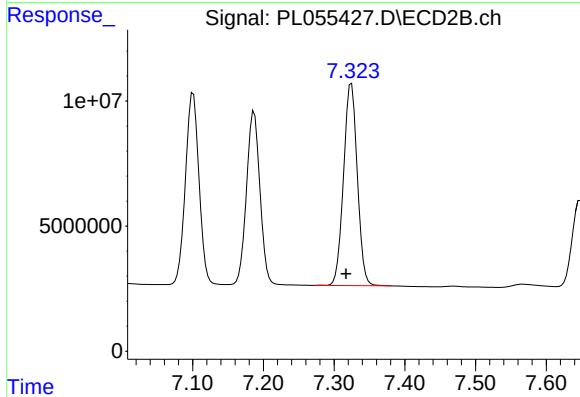
#19 Endosulfan Sulfate

R.T.: 6.771 min  
Delta R.T.: 0.008 min  
Response: 507481407  
Conc: 50.45 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

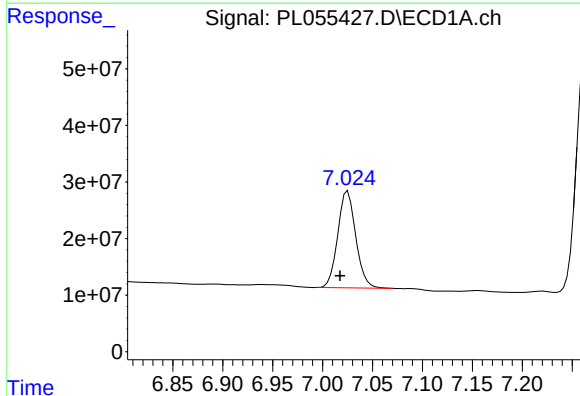
Manual Integrations  
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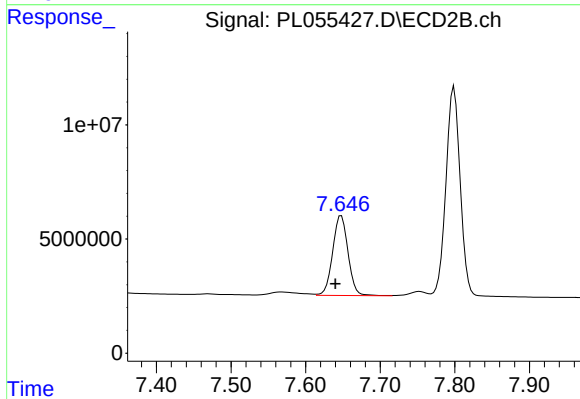
#19 Endosulfan Sulfate

R.T.: 7.325 min  
Delta R.T.: 0.007 min  
Response: 109303696  
Conc: 52.33 ng/ml



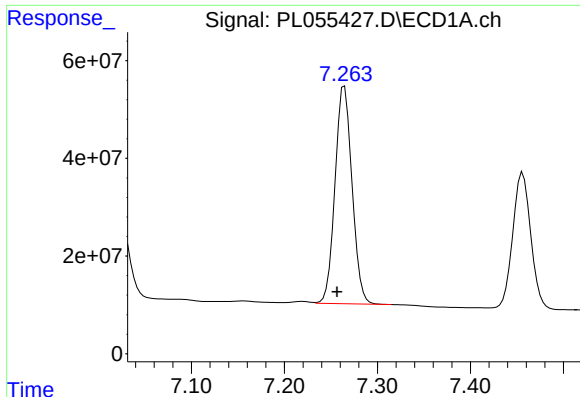
#20 Methoxychlor

R.T.: 7.025 min  
Delta R.T.: 0.008 min  
Response: 214283347  
Conc: 44.46 ng/ml



#20 Methoxychlor

R.T.: 7.648 min  
Delta R.T.: 0.008 min  
Response: 50095745  
Conc: 46.42 ng/ml



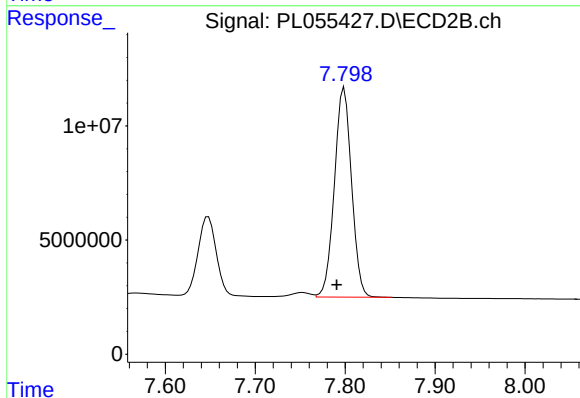
#21 Endrin ketone

R.T.: 7.265 min  
Delta R.T.: 0.008 min  
Response: 566524710  
Conc: 54.05 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

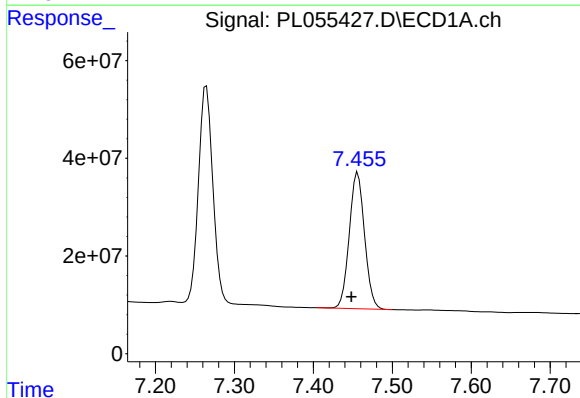
Manual Integrations  
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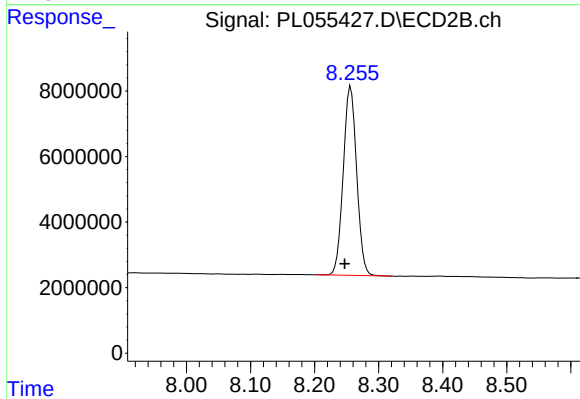
#21 Endrin ketone

R.T.: 7.799 min  
Delta R.T.: 0.009 min  
Response: 121523172  
Conc: 54.57 ng/ml



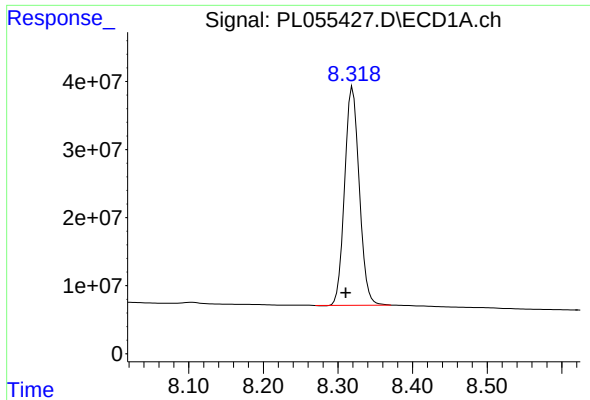
#22 Mirex

R.T.: 7.456 min  
Delta R.T.: 0.008 min  
Response: 375253969  
Conc: 49.26 ng/ml



#22 Mirex

R.T.: 8.256 min  
Delta R.T.: 0.010 min  
Response: 83802830  
Conc: 50.54 ng/ml



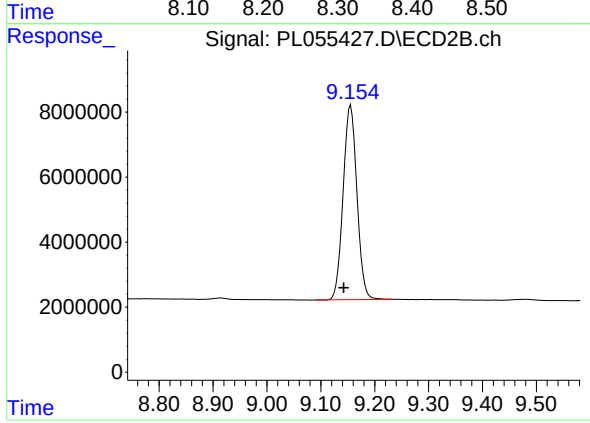
#28 Decachlorobiphenyl

R.T.: 8.320 min  
Delta R.T.: 0.009 min  
Response: 437024474  
Conc: 47.10 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

Manual Integrations  
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#28 Decachlorobiphenyl

R.T.: 9.155 min  
Delta R.T.: 0.013 min  
Response: 106484133  
Conc: 48.24 ng/ml