

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL052919\  
 Data File : PL049077.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 29 May 2019 22:59  
 Operator : SM\AJ  
 Sample : PSTDCCC050  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 PSTDCCC050

Manual Integrations  
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Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: May 30 01:15:58 2019  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL050119.M  
 Quant Title : GC Extractables  
 QLast Update : Thu May 02 09:36:55 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... | 3.324 | 3.938 | 505.9E6 | 137.9E6  | 52.229  | 55.343 |
| 28)                         | SA Decachlor... | 7.993 | 8.973 | 496.2E6 | 137.1E6  | 49.355  | 51.636 |
| Target Compounds            |                 |       |       |         |          |         |        |
| 2)                          | A alpha-BHC     | 3.752 | 4.326 | 832.2E6 | 201.7E6  | 53.802  | 57.438 |
| 3)                          | MA gamma-BHC... | 4.028 | 4.609 | 781.4E6 | 185.3E6  | 54.995  | 56.720 |
| 4)                          | MA Heptachlor   | 4.313 | 5.112 | 793.4E6 | 186.7E6  | 53.931  | 53.932 |
| 5)                          | MB Aldrin       | 4.551 | 5.415 | 754.4E6 | 172.4E6  | 55.062  | 55.670 |
| 6)                          | B beta-BHC      | 4.281 | 4.784 | 321.0E6 | 82485946 | 54.385  | 53.011 |
| 7)                          | B delta-BHC     | 4.475 | 4.998 | 779.7E6 | 172.7E6  | 55.224  | 61.081 |
| 8)                          | B Heptachlo...  | 4.988 | 5.801 | 679.8E6 | 174.5E6  | 52.762  | 59.830 |
| 9)                          | A Endosulfan I  | 5.318 | 6.157 | 634.3E6 | 149.9E6  | 52.723  | 53.019 |
| 10)                         | B gamma-Chl...  | 5.210 | 6.036 | 715.7E6 | 165.6E6  | 53.601  | 53.789 |
| 11)                         | B alpha-Chl...  | 5.266 | 6.107 | 687.9E6 | 163.3E6  | 52.615  | 53.218 |
| 12)                         | B 4,4'-DDE      | 5.434 | 6.268 | 691.4E6 | 150.2E6  | 54.508  | 54.410 |
| 13)                         | MA Dieldrin     | 5.556 | 6.414 | 686.7E6 | 158.1E6  | 52.735m | 53.907 |
| 14)                         | MA Endrin       | 5.810 | 6.631 | 602.5E6 | 134.9E6  | 49.492  | 51.732 |
| 15)                         | B Endosulfa...  | 6.086 | 6.842 | 582.5E6 | 140.0E6  | 50.474  | 51.934 |
| 16)                         | A 4,4'-DDD      | 5.945 | 6.757 | 528.1E6 | 125.9E6  | 54.252  | 56.094 |
| 17)                         | MA 4,4'-DDT     | 6.180 | 7.055 | 486.8E6 | 115.4E6  | 48.456  | 49.188 |
| 18)                         | B Endrin al...  | 6.252 | 6.965 | 482.4E6 | 120.9E6  | 49.634  | 51.612 |
| 19)                         | B Endosulfa...  | 6.464 | 7.189 | 531.2E6 | 133.1E6  | 49.493  | 51.421 |
| 20)                         | A Methoxychlor  | 6.725 | 7.515 | 255.9E6 | 70297086 | 46.998  | 51.493 |
| 21)                         | B Endrin ke...  | 6.946 | 7.657 | 638.6E6 | 143.1E6  | 54.791  | 54.773 |
| 22)                         | Mirex           | 7.120 | 8.108 | 420.6E6 | 109.8E6  | 46.918  | 52.046 |
| -----                       |                 |       |       |         |          |         |        |

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL052919\  
Data File : PL049077.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 29 May 2019 22:59  
Operator : SM\AJ  
Sample : PSTDCCC050  
Misc :  
ALS Vial : 4 Sample Multiplier: 1

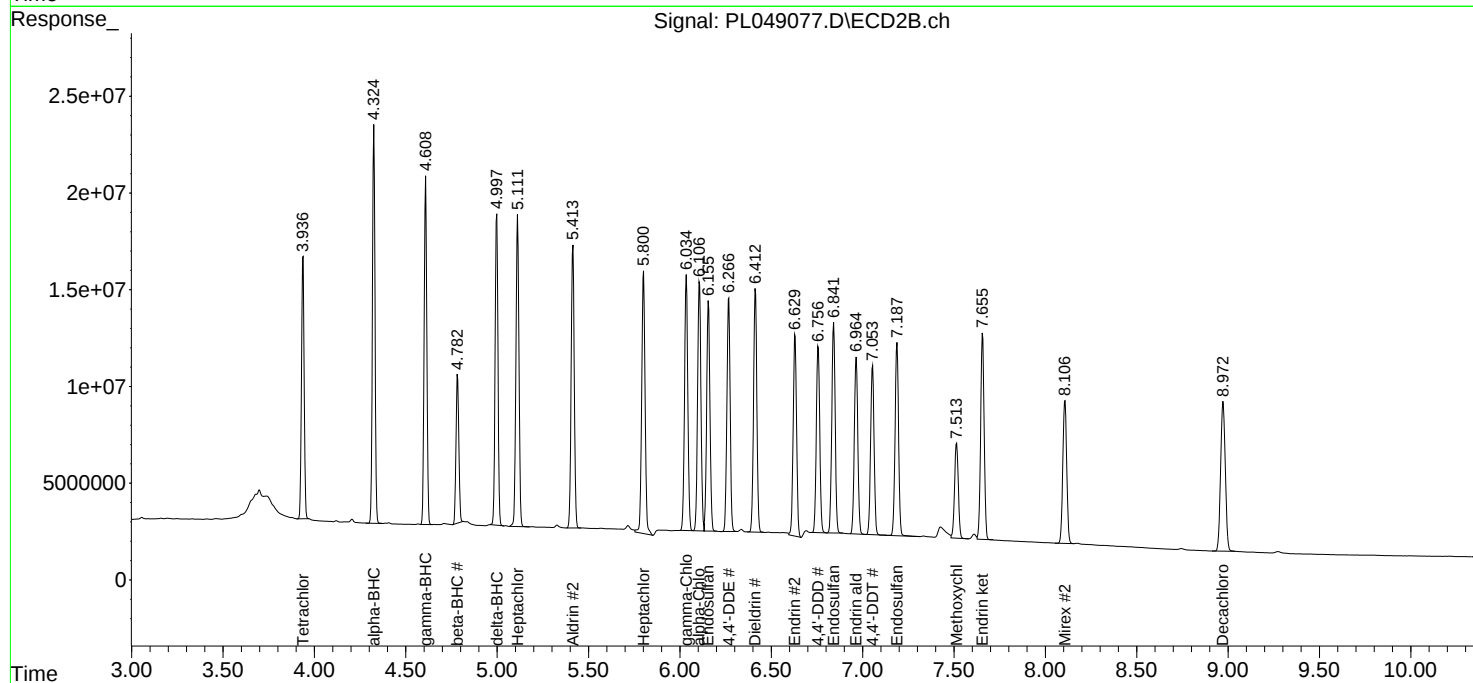
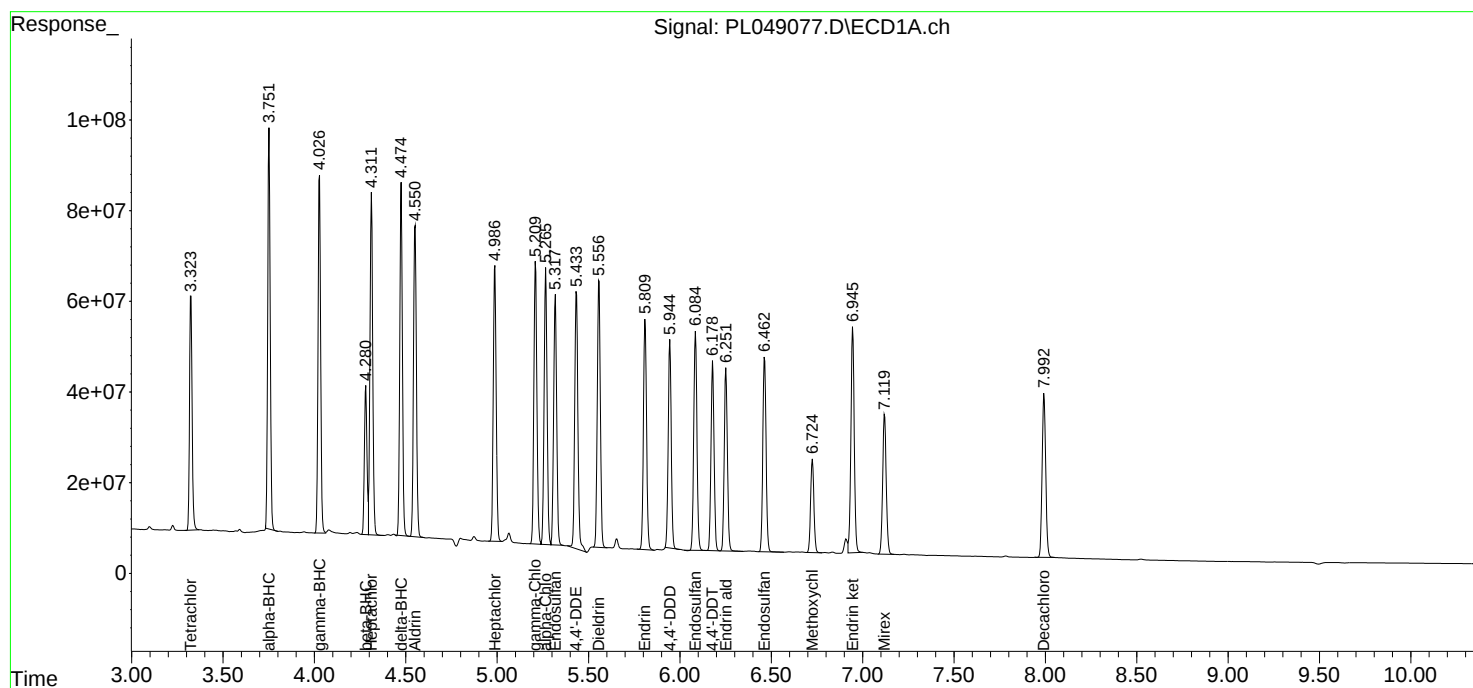
Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

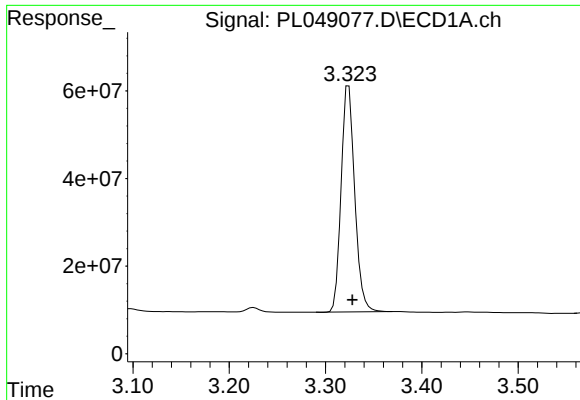
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Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: May 30 01:15:58 2019  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL050119.M  
Quant Title : GC Extractables  
QLast Update : Thu May 02 09:36:55 2019  
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





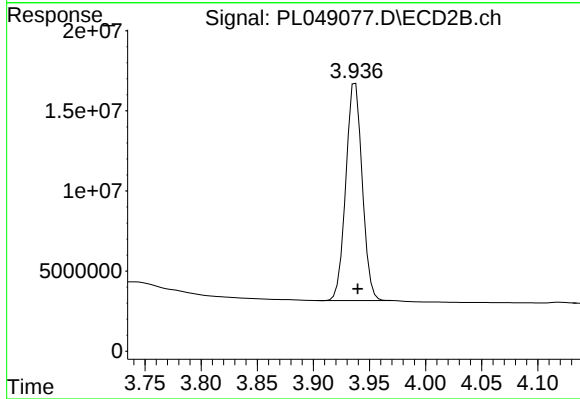
#1 Tetrachloro-m-xylene

R.T.: 3.324 min  
Delta R.T.: -0.004 min  
Response: 505938702  
Conc: 52.23 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

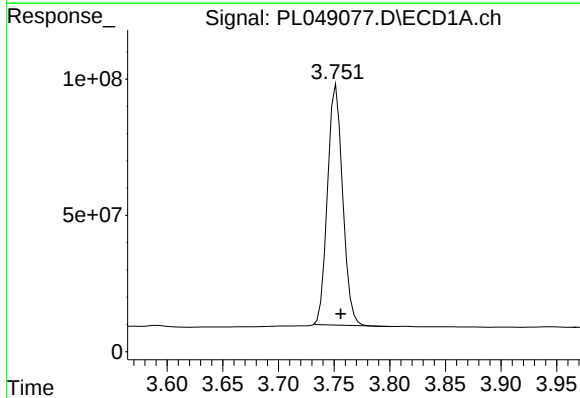
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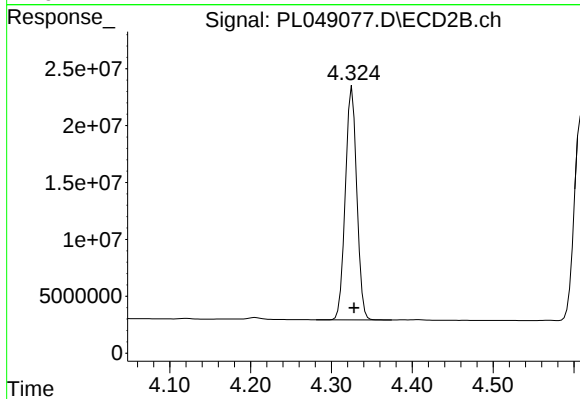
#1 Tetrachloro-m-xylene

R.T.: 3.938 min  
Delta R.T.: -0.002 min  
Response: 137851906  
Conc: 55.34 ng/ml



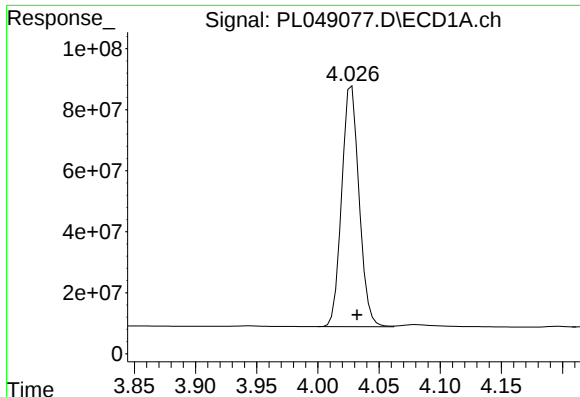
#2 alpha-BHC

R.T.: 3.752 min  
Delta R.T.: -0.004 min  
Response: 832188027  
Conc: 53.80 ng/ml



#2 alpha-BHC

R.T.: 4.326 min  
Delta R.T.: -0.003 min  
Response: 201722288  
Conc: 57.44 ng/ml



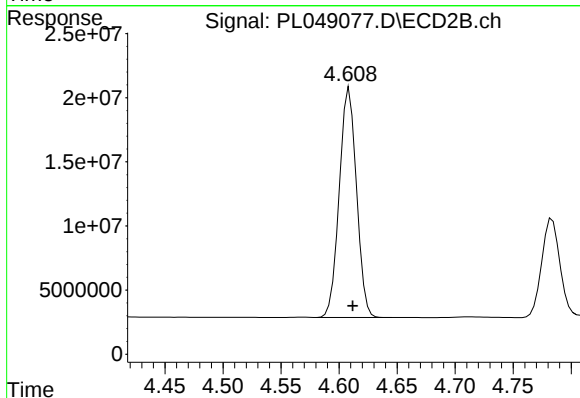
#3 gamma-BHC (Lindane)

R.T.: 4.028 min  
Delta R.T.: -0.004 min  
Response: 781429166  
Conc: 54.99 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

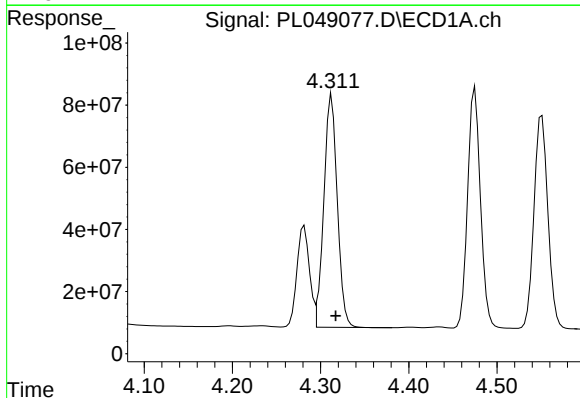
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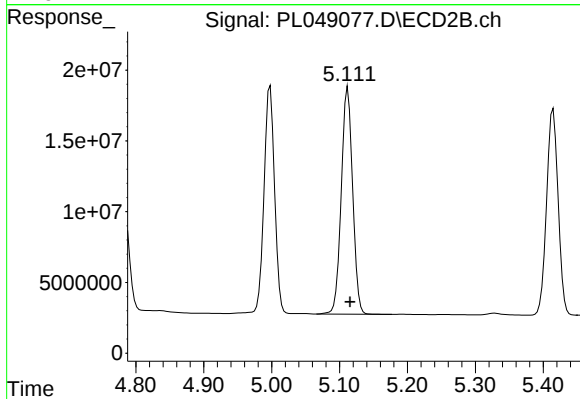
#3 gamma-BHC (Lindane)

R.T.: 4.609 min  
Delta R.T.: -0.003 min  
Response: 185255739  
Conc: 56.72 ng/ml



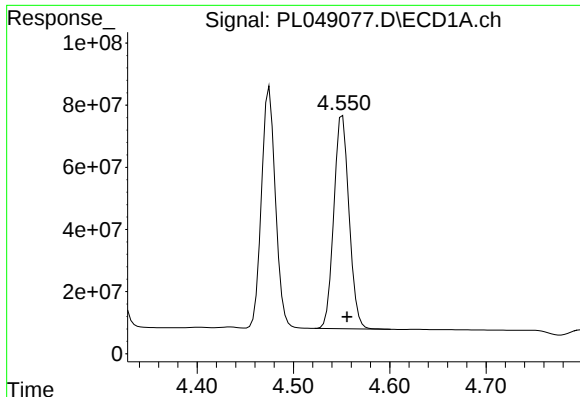
#4 Heptachlor

R.T.: 4.313 min  
Delta R.T.: -0.005 min  
Response: 793438164  
Conc: 53.93 ng/ml



#4 Heptachlor

R.T.: 5.112 min  
Delta R.T.: -0.003 min  
Response: 186704029  
Conc: 53.93 ng/ml



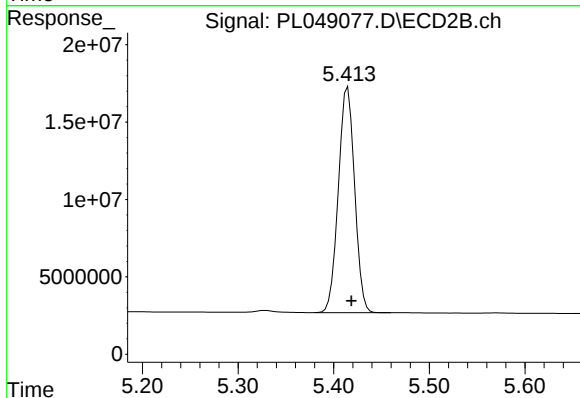
#5 Aldrin

R.T.: 4.551 min  
Delta R.T.: -0.005 min  
Response: 754439858  
Conc: 55.06 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

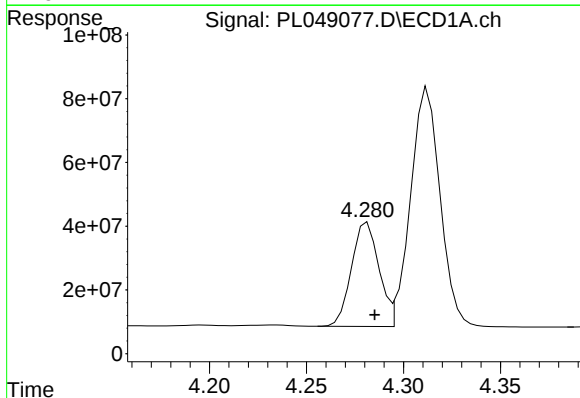
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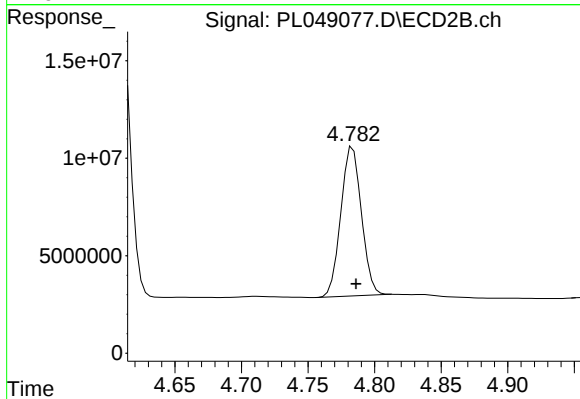
#5 Aldrin

R.T.: 5.415 min  
Delta R.T.: -0.004 min  
Response: 172387827  
Conc: 55.67 ng/ml



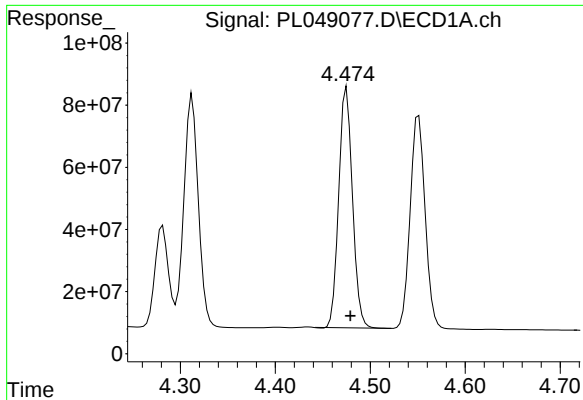
#6 beta-BHC

R.T.: 4.281 min  
Delta R.T.: -0.004 min  
Response: 320960222  
Conc: 54.39 ng/ml



#6 beta-BHC

R.T.: 4.784 min  
Delta R.T.: -0.003 min  
Response: 82485946  
Conc: 53.01 ng/ml



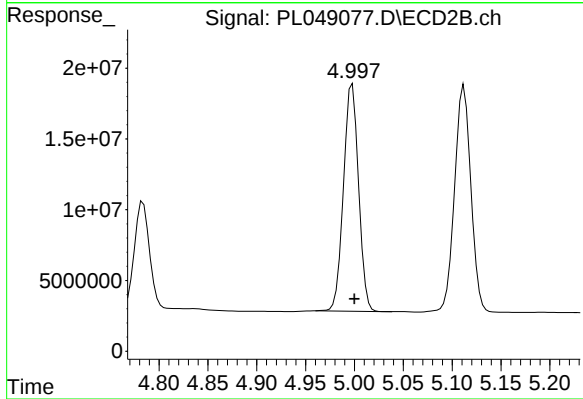
#7 delta-BHC

R.T.: 4.475 min  
Delta R.T.: -0.004 min  
Response: 779697130  
Conc: 55.22 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

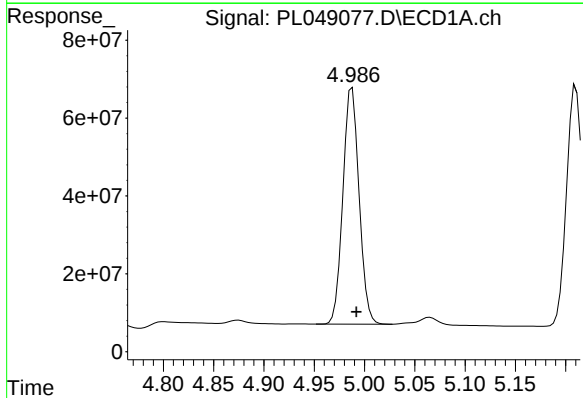
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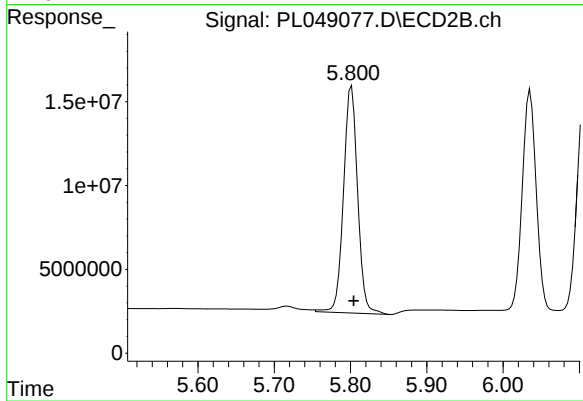
#7 delta-BHC

R.T.: 4.998 min  
Delta R.T.: -0.002 min  
Response: 172731528  
Conc: 61.08 ng/ml



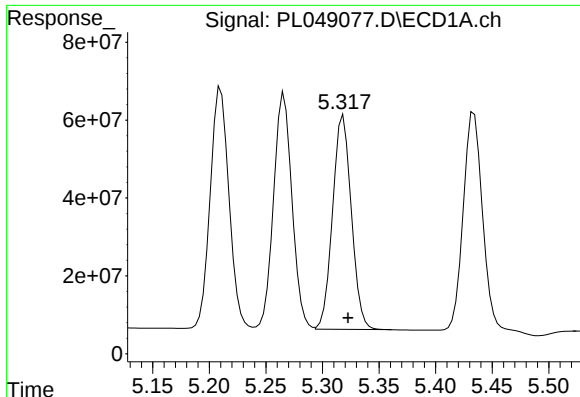
#8 Heptachlor epoxide

R.T.: 4.988 min  
Delta R.T.: -0.004 min  
Response: 679822329  
Conc: 52.76 ng/ml



#8 Heptachlor epoxide

R.T.: 5.801 min  
Delta R.T.: -0.003 min  
Response: 174507556  
Conc: 59.83 ng/ml



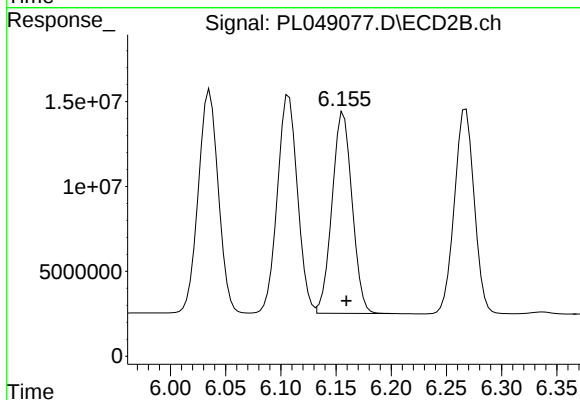
#9 Endosulfan I

R.T.: 5.318 min  
Delta R.T.: -0.004 min  
Response: 634251169  
Conc: 52.72 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

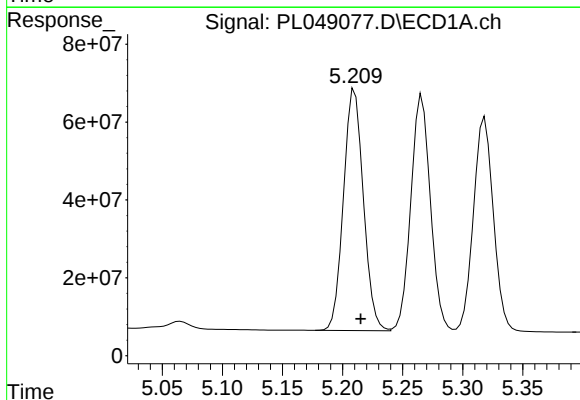
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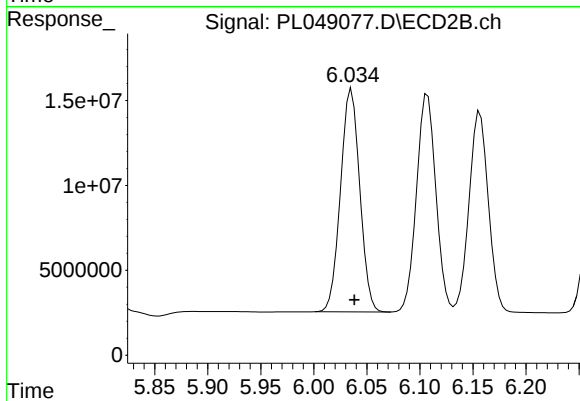
#9 Endosulfan I

R.T.: 6.157 min  
Delta R.T.: -0.003 min  
Response: 149910196  
Conc: 53.02 ng/ml



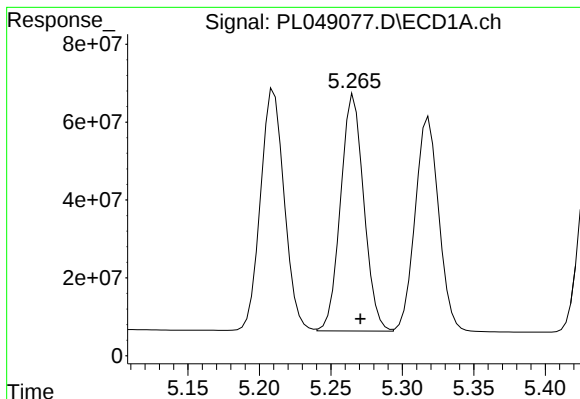
#10 gamma-Chlordane

R.T.: 5.210 min  
Delta R.T.: -0.005 min  
Response: 715699795  
Conc: 53.60 ng/ml



#10 gamma-Chlordane

R.T.: 6.036 min  
Delta R.T.: -0.003 min  
Response: 165597844  
Conc: 53.79 ng/ml



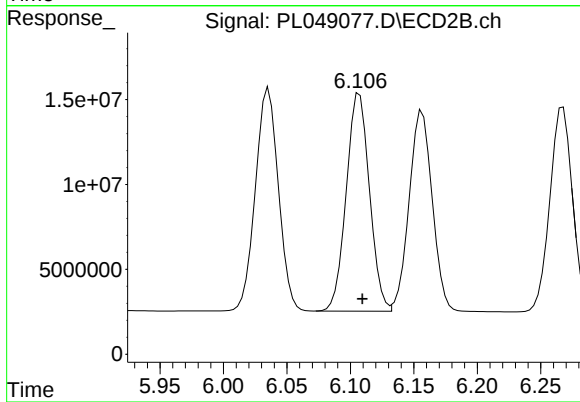
#11 alpha-Chlordane

R.T.: 5.266 min  
Delta R.T.: -0.005 min  
Response: 687863103  
Conc: 52.61 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

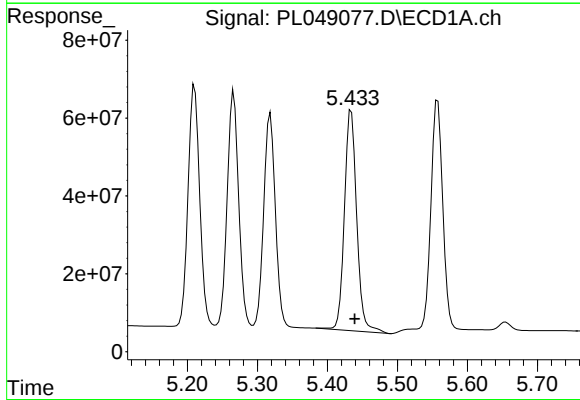
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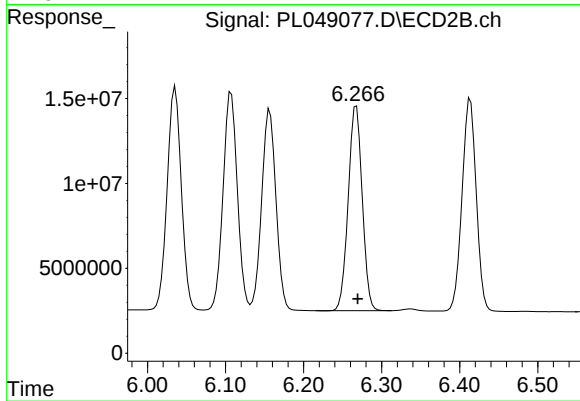
#11 alpha-Chlordane

R.T.: 6.107 min  
Delta R.T.: -0.002 min  
Response: 163288794  
Conc: 53.22 ng/ml



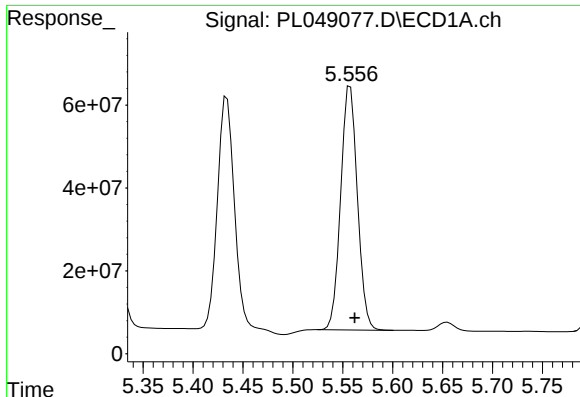
#12 4,4'-DDE

R.T.: 5.434 min  
Delta R.T.: -0.005 min  
Response: 691449259  
Conc: 54.51 ng/ml



#12 4,4'-DDE

R.T.: 6.268 min  
Delta R.T.: -0.002 min  
Response: 150219991  
Conc: 54.41 ng/ml



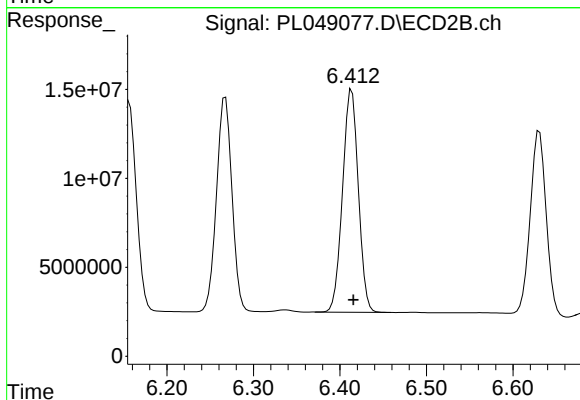
#13 Dieldrin

R.T.: 5.556 min  
Delta R.T.: -0.006 min  
Response: 686654742  
Conc: 52.74 ng/ml m

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

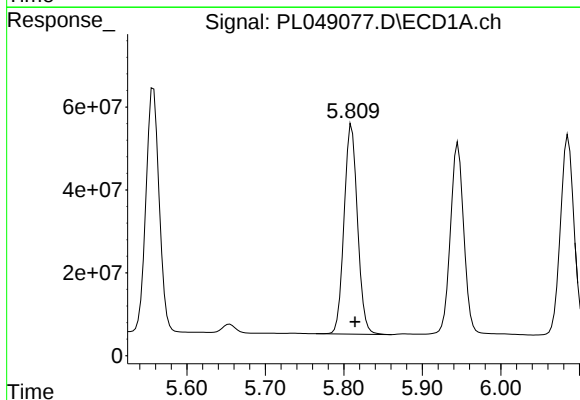
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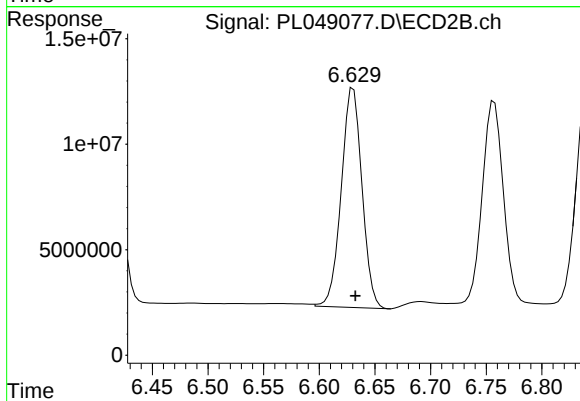
#13 Dieldrin

R.T.: 6.414 min  
Delta R.T.: -0.002 min  
Response: 158144651  
Conc: 53.91 ng/ml



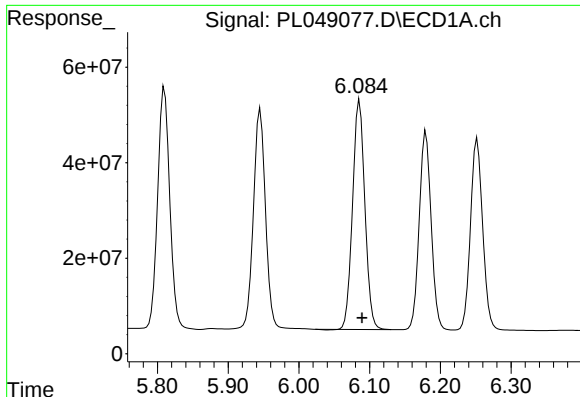
#14 Endrin

R.T.: 5.810 min  
Delta R.T.: -0.004 min  
Response: 602515068  
Conc: 49.49 ng/ml



#14 Endrin

R.T.: 6.631 min  
Delta R.T.: -0.002 min  
Response: 134886847  
Conc: 51.73 ng/ml



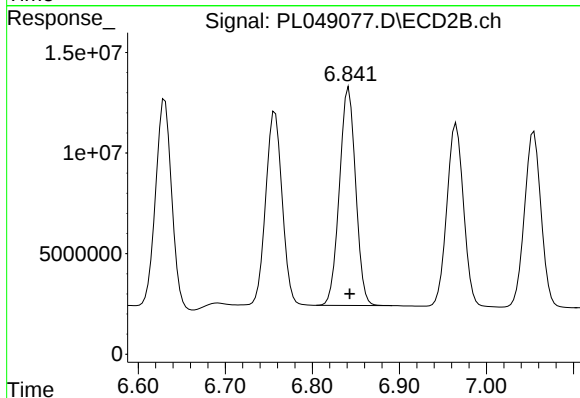
#15 Endosulfan II

R.T.: 6.086 min  
Delta R.T.: -0.003 min  
Response: 582492290  
Conc: 50.47 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

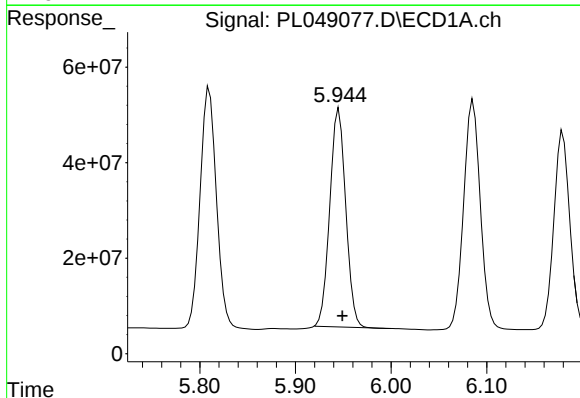
Manual Integrations  
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5/30/2019 9:26:43 AM



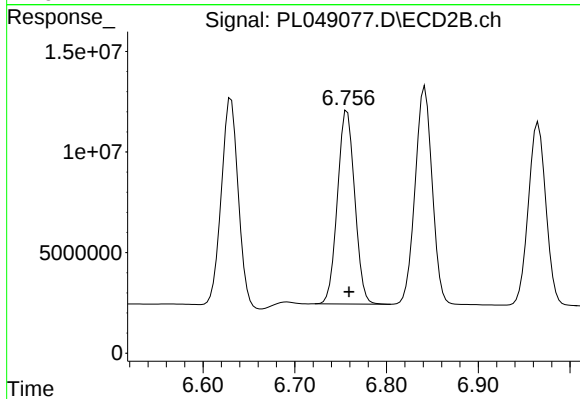
#15 Endosulfan II

R.T.: 6.842 min  
Delta R.T.: -0.001 min  
Response: 140044148  
Conc: 51.93 ng/ml



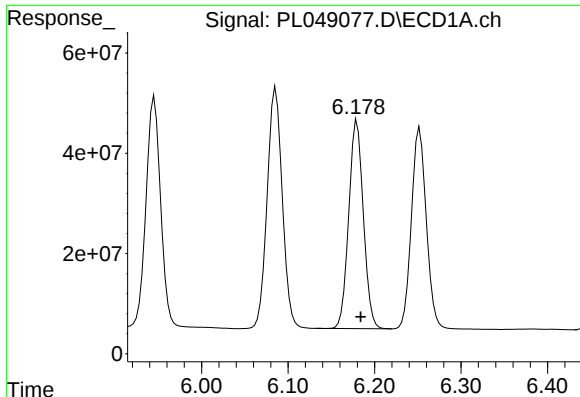
#16 4,4'-DDD

R.T.: 5.945 min  
Delta R.T.: -0.004 min  
Response: 528087899  
Conc: 54.25 ng/ml



#16 4,4'-DDD

R.T.: 6.757 min  
Delta R.T.: -0.002 min  
Response: 125877343  
Conc: 56.09 ng/ml



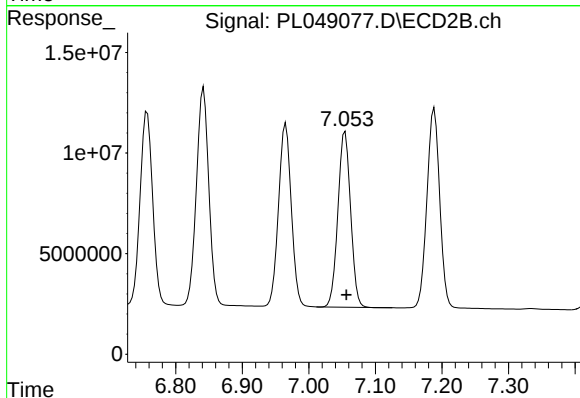
#17 4,4'-DDT

R.T.: 6.180 min  
Delta R.T.: -0.004 min  
Response: 486812877  
Conc: 48.46 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

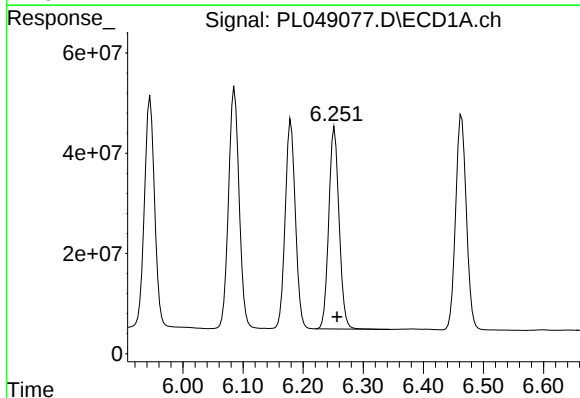
Manual Integrations  
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Ankita  
5/30/2019 9:26:43 AM



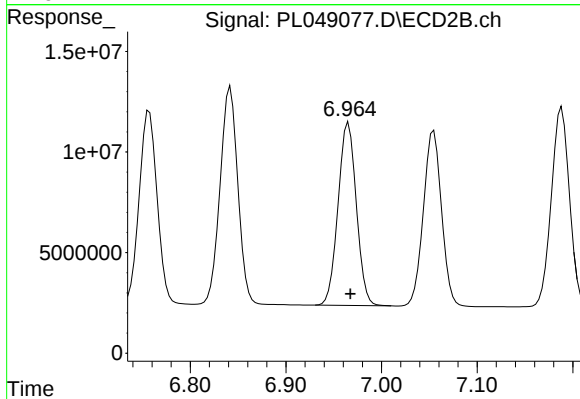
#17 4,4'-DDT

R.T.: 7.055 min  
Delta R.T.: -0.002 min  
Response: 115425079  
Conc: 49.19 ng/ml



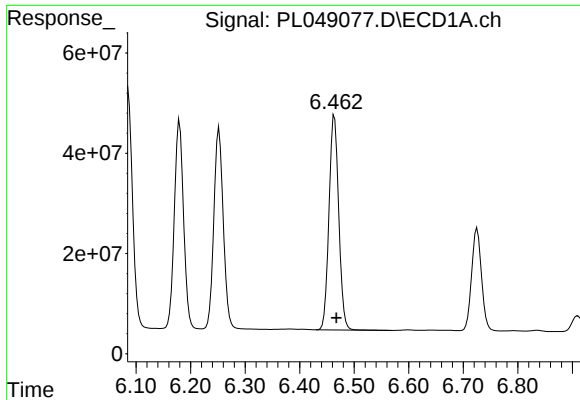
#18 Endrin aldehyde

R.T.: 6.252 min  
Delta R.T.: -0.004 min  
Response: 482354497  
Conc: 49.63 ng/ml



#18 Endrin aldehyde

R.T.: 6.965 min  
Delta R.T.: -0.002 min  
Response: 120949558  
Conc: 51.61 ng/ml



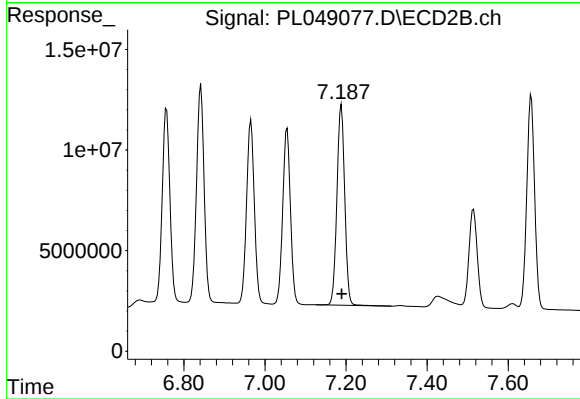
#19 Endosulfan Sulfate

R.T.: 6.464 min  
Delta R.T.: -0.004 min  
Response: 531186200  
Conc: 49.49 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

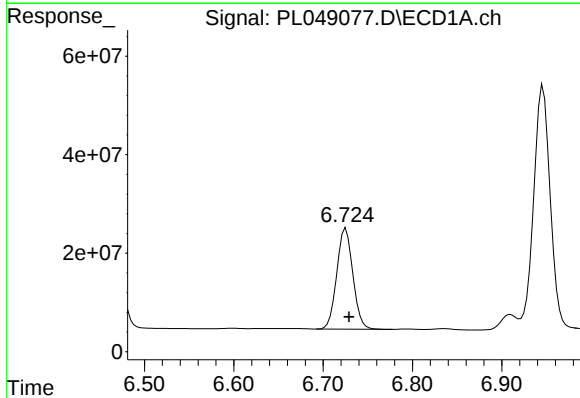
Manual Integrations  
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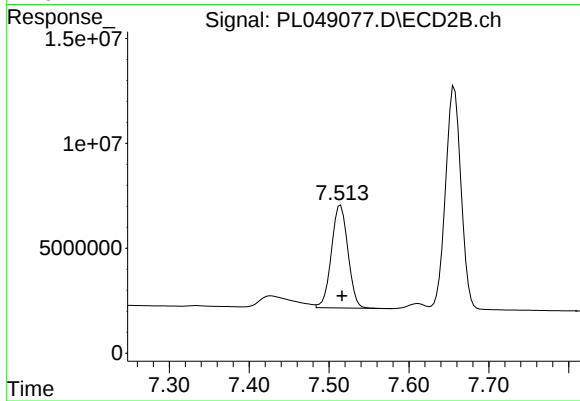
#19 Endosulfan Sulfate

R.T.: 7.189 min  
Delta R.T.: -0.001 min  
Response: 133088962  
Conc: 51.42 ng/ml



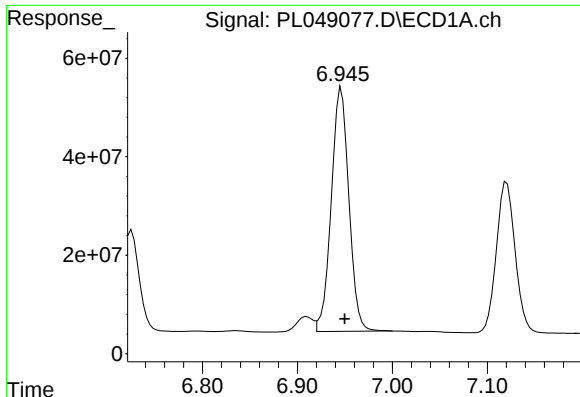
#20 Methoxychlor

R.T.: 6.725 min  
Delta R.T.: -0.003 min  
Response: 255892072  
Conc: 47.00 ng/ml



#20 Methoxychlor

R.T.: 7.515 min  
Delta R.T.: -0.002 min  
Response: 70297086  
Conc: 51.49 ng/ml



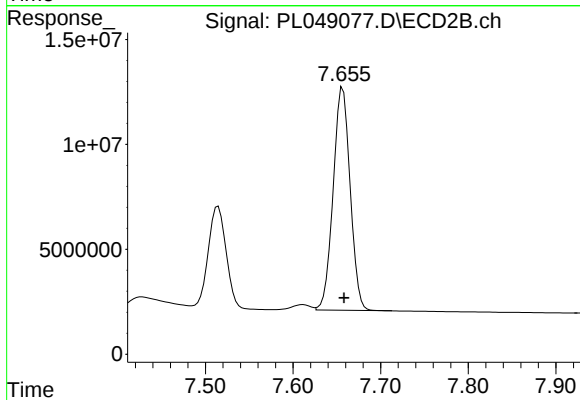
#21 Endrin ketone

R.T.: 6.946 min  
Delta R.T.: -0.003 min  
Response: 638582740  
Conc: 54.79 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

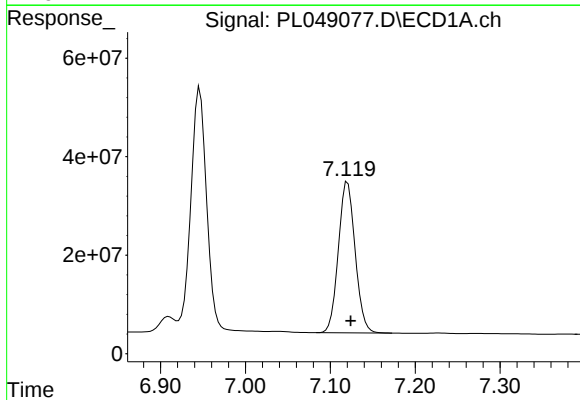
Manual Integrations  
APPROVED

Ankita  
5/30/2019 9:26:43 AM



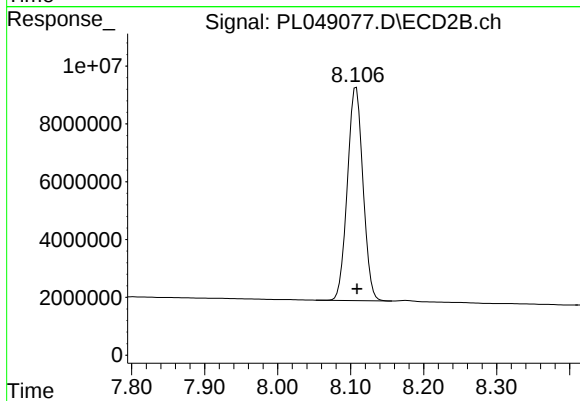
#21 Endrin ketone

R.T.: 7.657 min  
Delta R.T.: -0.001 min  
Response: 143110436  
Conc: 54.77 ng/ml



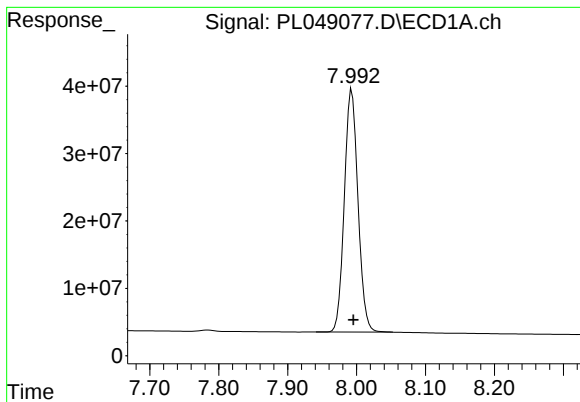
#22 Mirex

R.T.: 7.120 min  
Delta R.T.: -0.004 min  
Response: 420563786  
Conc: 46.92 ng/ml



#22 Mirex

R.T.: 8.108 min  
Delta R.T.: -0.001 min  
Response: 109757730  
Conc: 52.05 ng/ml



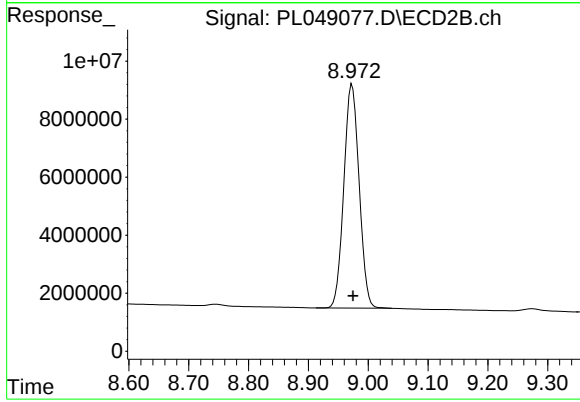
#28 Decachlorobiphenyl

R.T.: 7.993 min  
Delta R.T.: -0.003 min  
Response: 496220340  
Conc: 49.35 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

Manual Integrations  
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#28 Decachlorobiphenyl

R.T.: 8.973 min  
Delta R.T.: -0.002 min  
Response: 137057754  
Conc: 51.64 ng/ml