

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL060619\  
 Data File : PL049364.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 06 Jun 2019 18:25  
 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: Jun 07 00:54:15 2019  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL053019.M  
 Quant Title : GC Extractables  
 QLast Update : Fri May 31 01:35:35 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... | 3.323 | 3.936 | 529.9E6 | 143.0E6  | 48.092 | 49.481  |
| 28)                         | SA Decachlor... | 7.991 | 8.972 | 582.6E6 | 158.4E6  | 45.820 | 47.425  |
| Target Compounds            |                 |       |       |         |          |        |         |
| 2)                          | A alpha-BHC     | 3.751 | 4.325 | 895.3E6 | 212.6E6  | 49.693 | 53.041  |
| 3)                          | MA gamma-BHC... | 4.027 | 4.608 | 829.6E6 | 196.3E6  | 48.947 | 52.430  |
| 4)                          | MA Heptachlor   | 4.312 | 5.111 | 866.6E6 | 202.3E6  | 48.940 | 50.354  |
| 5)                          | MB Aldrin       | 4.550 | 5.413 | 810.9E6 | 181.6E6  | 47.492 | 49.355  |
| 6)                          | B beta-BHC      | 4.281 | 4.783 | 342.4E6 | 86610517 | 49.275 | 50.283  |
| 7)                          | B delta-BHC     | 4.475 | 4.997 | 847.5E6 | 177.2E6  | 52.444 | 57.771  |
| 8)                          | B Heptachlor... | 4.987 | 5.798 | 730.1E6 | 168.2E6  | 49.233 | 51.448m |
| 9)                          | A Endosulfan I  | 5.317 | 6.155 | 700.3E6 | 155.2E6  | 47.850 | 48.191  |
| 10)                         | B gamma-Chl...  | 5.209 | 6.034 | 777.9E6 | 170.4E6  | 48.731 | 49.261  |
| 11)                         | B alpha-Chl...  | 5.266 | 6.106 | 749.6E6 | 168.4E6  | 47.982 | 48.544  |
| 12)                         | B 4,4'-DDE      | 5.434 | 6.266 | 772.9E6 | 157.7E6  | 49.413 | 48.033  |
| 13)                         | MA Dieldrin     | 5.557 | 6.412 | 752.8E6 | 163.2E6  | 49.233 | 48.647  |
| 14)                         | MA Endrin       | 5.810 | 6.629 | 709.1E6 | 147.5E6  | 49.165 | 49.417  |
| 15)                         | B Endosulfa...  | 6.084 | 6.840 | 635.4E6 | 144.8E6  | 48.120 | 47.727  |
| 16)                         | A 4,4'-DDD      | 5.944 | 6.756 | 585.8E6 | 126.3E6  | 49.220 | 48.001  |
| 17)                         | MA 4,4'-DDT     | 6.179 | 7.053 | 581.5E6 | 131.5E6  | 47.225 | 46.894  |
| 18)                         | B Endrin al...  | 6.252 | 6.965 | 508.3E6 | 123.9E6  | 46.442 | 48.018  |
| 19)                         | B Endosulfa...  | 6.463 | 7.187 | 554.5E6 | 135.2E6  | 42.706 | 44.446  |
| 20)                         | A Methoxychlor  | 6.724 | 7.514 | 283.7E6 | 77298736 | 44.234 | 46.626  |
| 21)                         | B Endrin ke...  | 6.945 | 7.656 | 638.5E6 | 143.9E6  | 44.863 | 45.250  |
| 22)                         | Mirex           | 7.120 | 8.106 | 422.8E6 | 110.1E6  | 40.127 | 42.371  |
| -----                       |                 |       |       |         |          |        |         |

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL060619\  
Data File : PL049364.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 06 Jun 2019 18:25  
Operator : SM\AJ  
Sample : PSTDCCC050  
Misc :  
ALS Vial : 4 Sample Multiplier: 1

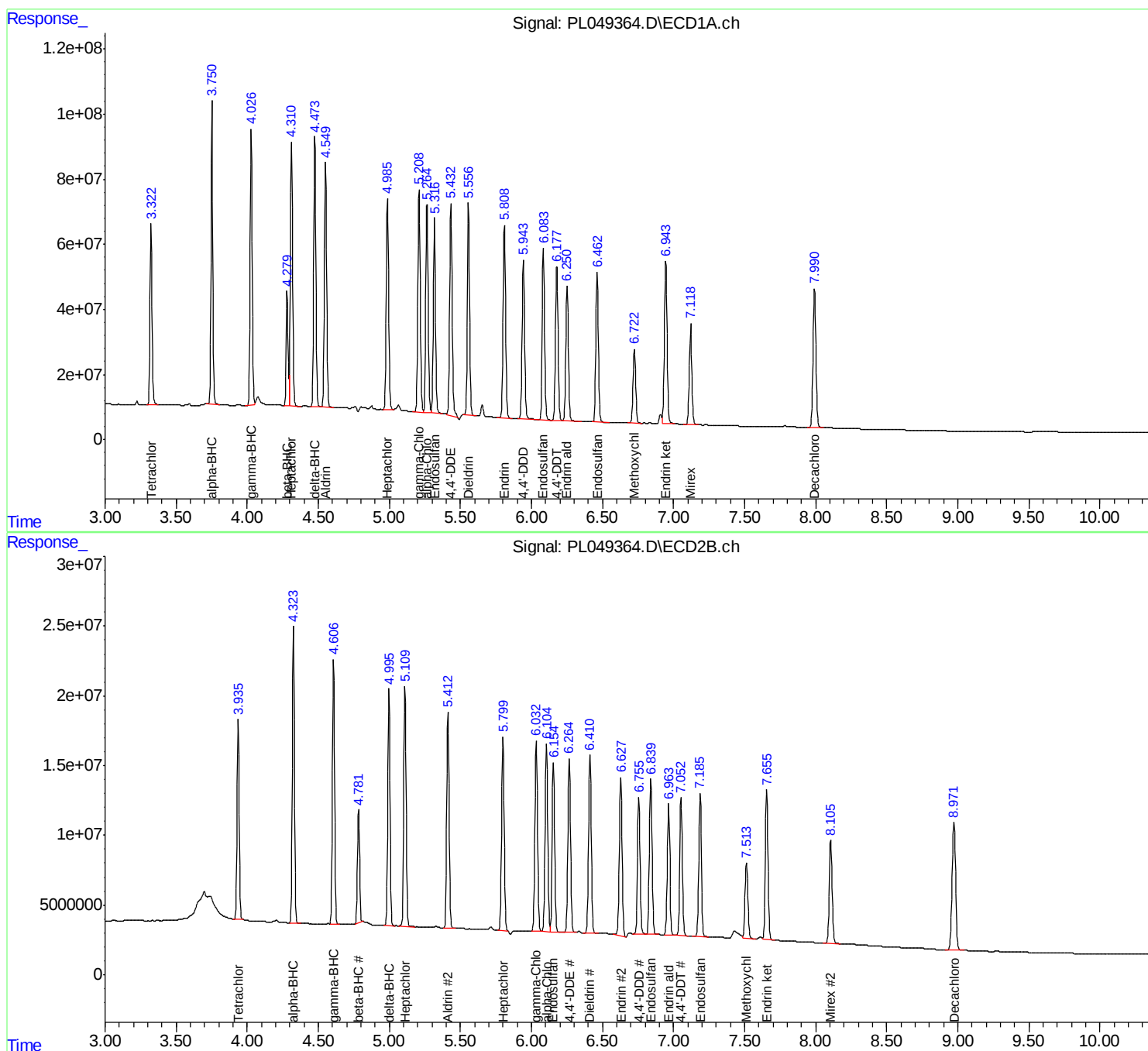
Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

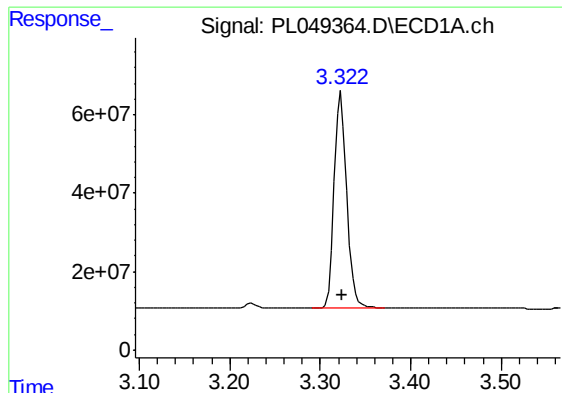
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Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Jun 07 00:54:15 2019  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL053019.M  
Quant Title : GC Extractables  
QLast Update : Fri May 31 01:35:35 2019  
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





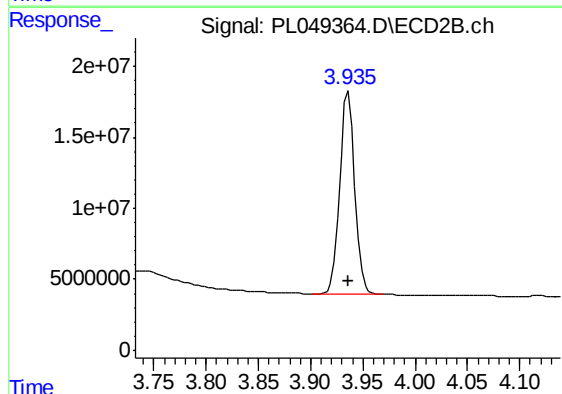
#1 Tetrachloro-m-xylene

R.T.: 3.323 min  
Delta R.T.: 0.000 min  
Response: 529919070  
Conc: 48.09 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

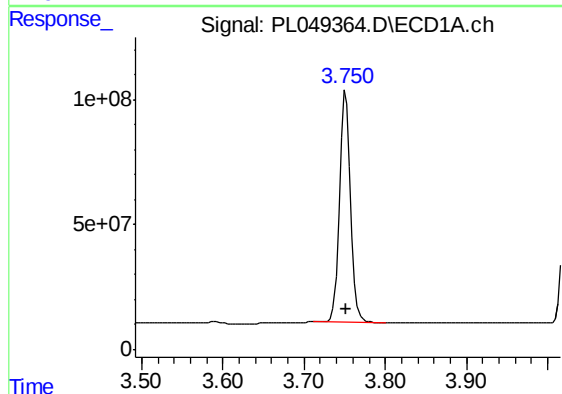
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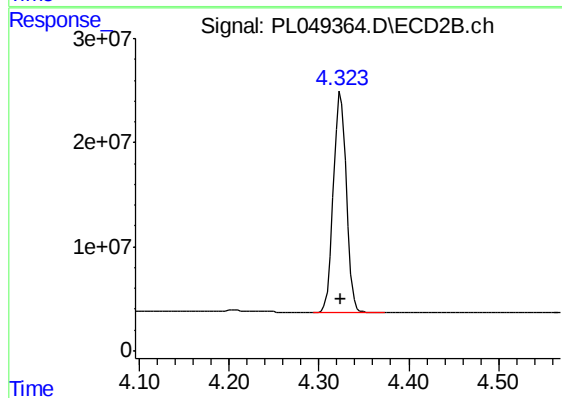
#1 Tetrachloro-m-xylene

R.T.: 3.936 min  
Delta R.T.: 0.000 min  
Response: 142952557  
Conc: 49.48 ng/ml



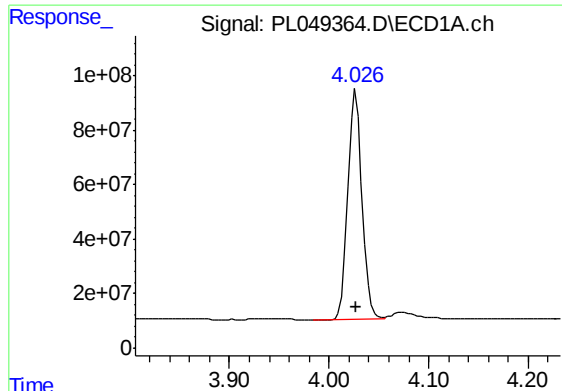
#2 alpha-BHC

R.T.: 3.751 min  
Delta R.T.: 0.000 min  
Response: 895290806  
Conc: 49.69 ng/ml



#2 alpha-BHC

R.T.: 4.325 min  
Delta R.T.: 0.000 min  
Response: 212605225  
Conc: 53.04 ng/ml



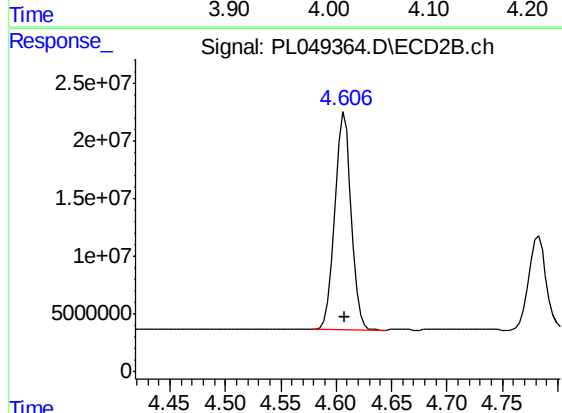
#3 gamma-BHC (Lindane)

R.T.: 4.027 min  
Delta R.T.: 0.000 min  
Response: 829574291  
Conc: 48.95 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

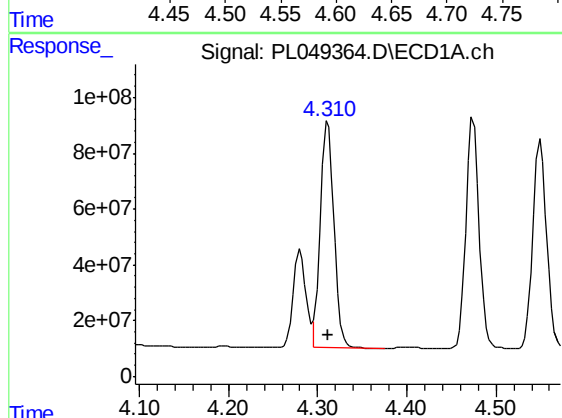
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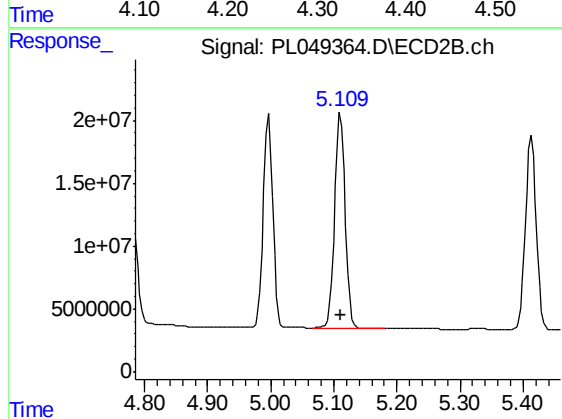
#3 gamma-BHC (Lindane)

R.T.: 4.608 min  
Delta R.T.: 0.000 min  
Response: 196276947  
Conc: 52.43 ng/ml



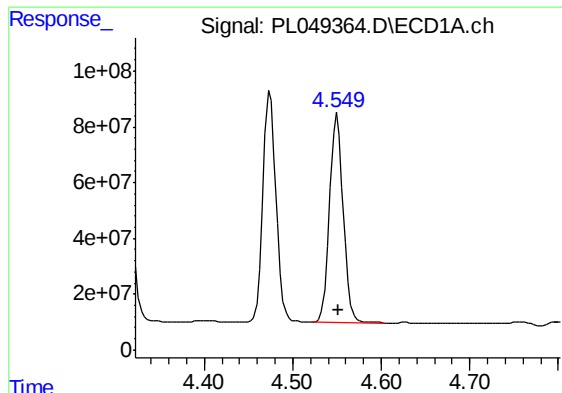
#4 Heptachlor

R.T.: 4.312 min  
Delta R.T.: 0.000 min  
Response: 866647292  
Conc: 48.94 ng/ml



#4 Heptachlor

R.T.: 5.111 min  
Delta R.T.: 0.000 min  
Response: 202347091  
Conc: 50.35 ng/ml



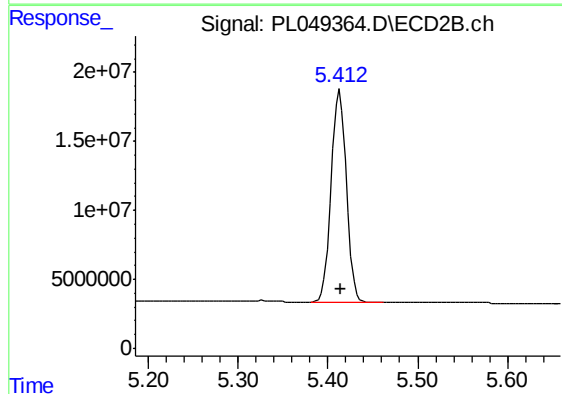
#5 Aldrin

R.T.: 4.550 min  
Delta R.T.: 0.000 min  
Response: 810899547  
Conc: 47.49 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

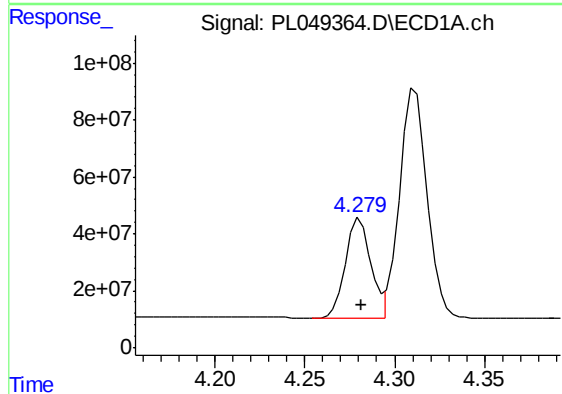
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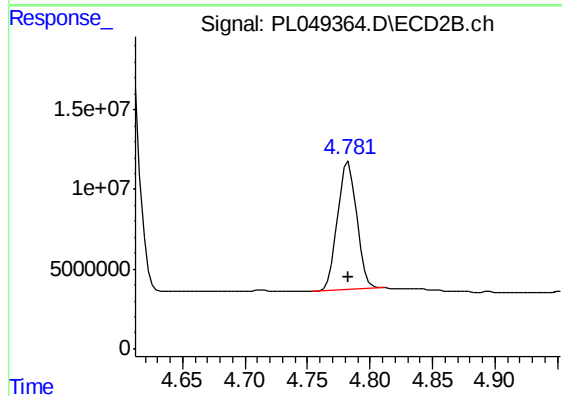
#5 Aldrin

R.T.: 5.413 min  
Delta R.T.: 0.000 min  
Response: 181585795  
Conc: 49.35 ng/ml



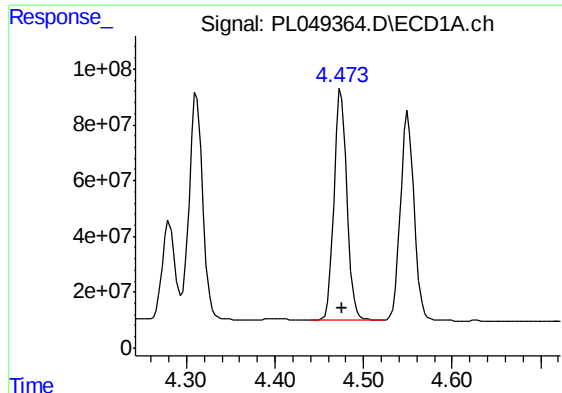
#6 beta-BHC

R.T.: 4.281 min  
Delta R.T.: 0.000 min  
Response: 342397544  
Conc: 49.28 ng/ml



#6 beta-BHC

R.T.: 4.783 min  
Delta R.T.: 0.000 min  
Response: 86610517  
Conc: 50.28 ng/ml



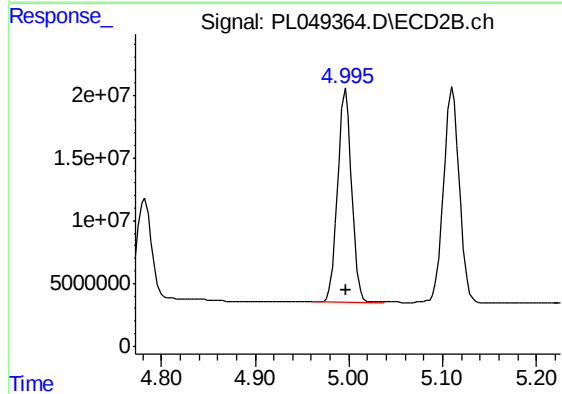
#7 delta-BHC

R.T.: 4.475 min  
Delta R.T.: 0.000 min  
Response: 847519379  
Conc: 52.44 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

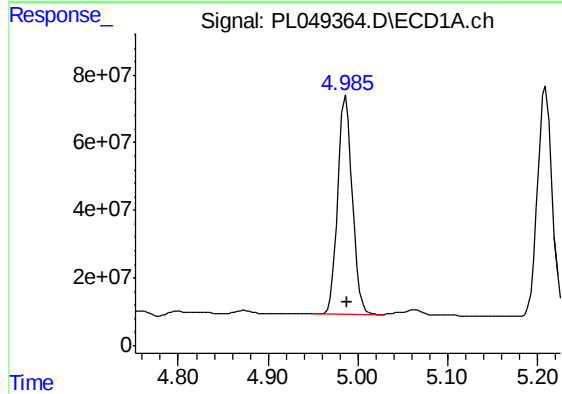
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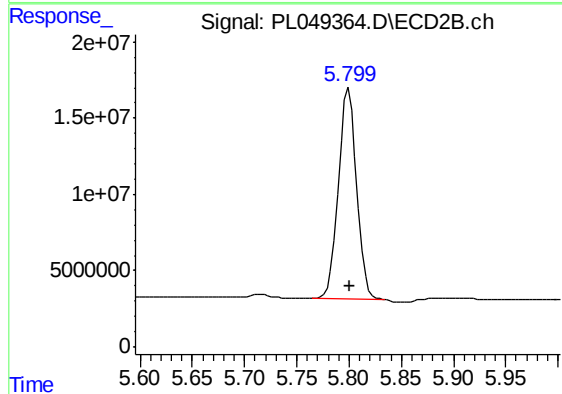
#7 delta-BHC

R.T.: 4.997 min  
Delta R.T.: 0.000 min  
Response: 177194654  
Conc: 57.77 ng/ml



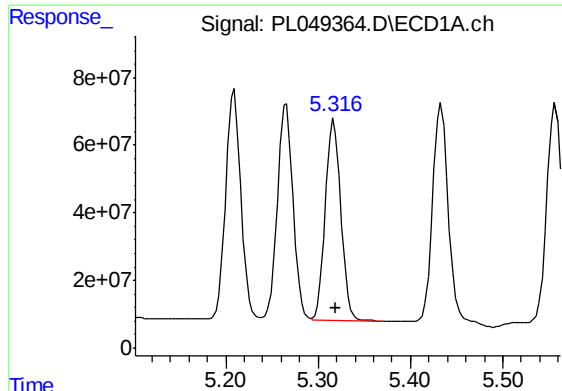
#8 Heptachlor epoxide

R.T.: 4.987 min  
Delta R.T.: -0.001 min  
Response: 730135248  
Conc: 49.23 ng/ml



#8 Heptachlor epoxide

R.T.: 5.798 min  
Delta R.T.: -0.002 min  
Response: 168173313  
Conc: 51.45 ng/ml m



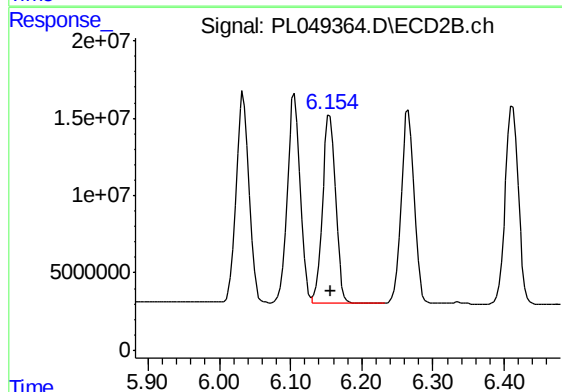
#9 Endosulfan I

R.T.: 5.317 min  
Delta R.T.: -0.002 min  
Response: 700253231  
Conc: 47.85 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

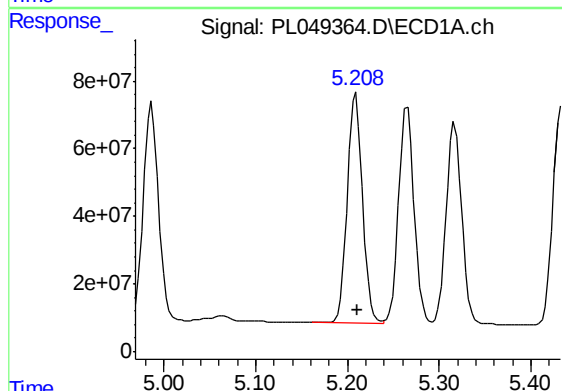
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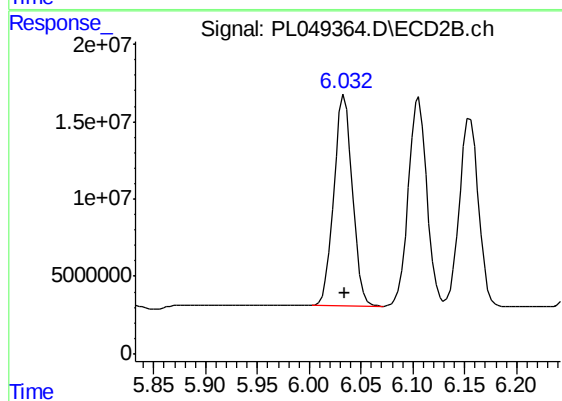
#9 Endosulfan I

R.T.: 6.155 min  
Delta R.T.: 0.000 min  
Response: 155212290  
Conc: 48.19 ng/ml



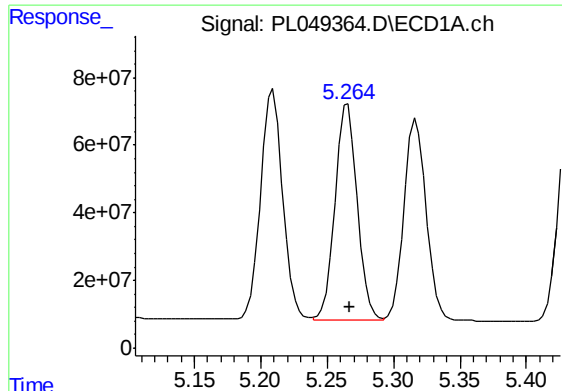
#10 gamma-Chlordane

R.T.: 5.209 min  
Delta R.T.: -0.001 min  
Response: 777939701  
Conc: 48.73 ng/ml



#10 gamma-Chlordane

R.T.: 6.034 min  
Delta R.T.: 0.000 min  
Response: 170401851  
Conc: 49.26 ng/ml



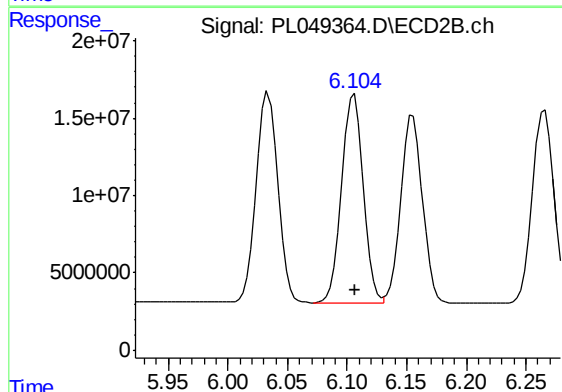
#11 alpha-Chlordane

R.T.: 5.266 min  
Delta R.T.: -0.001 min  
Response: 749583159  
Conc: 47.98 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

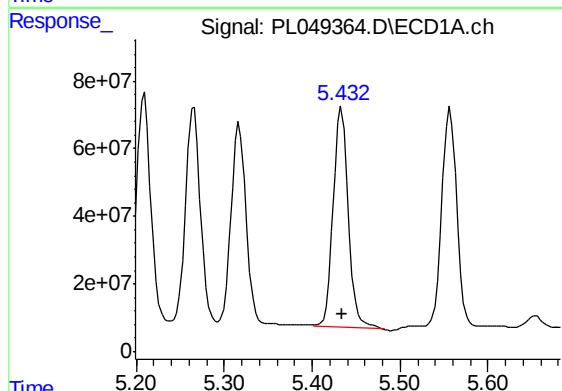
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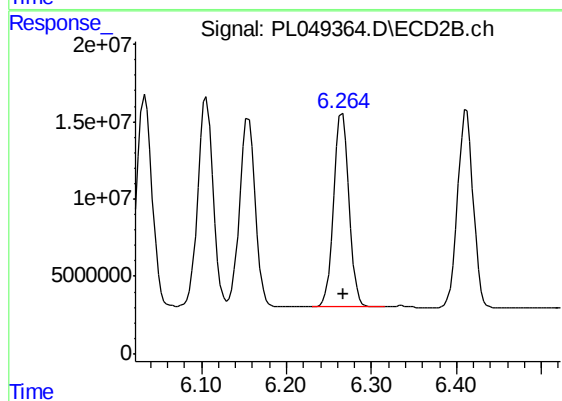
#11 alpha-Chlordane

R.T.: 6.106 min  
Delta R.T.: 0.000 min  
Response: 168407051  
Conc: 48.54 ng/ml



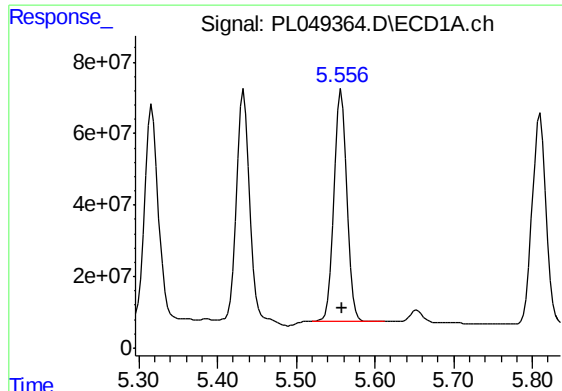
#12 4,4'-DDE

R.T.: 5.434 min  
Delta R.T.: -0.001 min  
Response: 772913939  
Conc: 49.41 ng/ml



#12 4,4'-DDE

R.T.: 6.266 min  
Delta R.T.: -0.001 min  
Response: 157678197  
Conc: 48.03 ng/ml



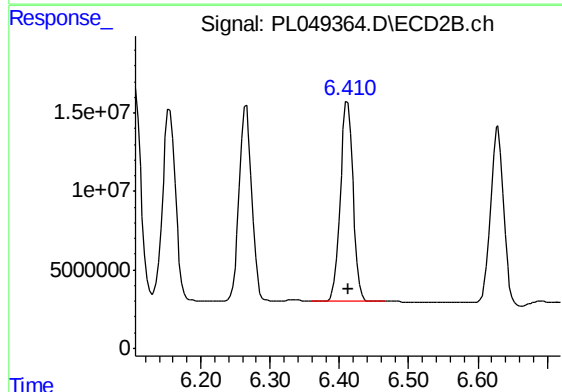
#13 Dieldrin

R.T.: 5.557 min  
Delta R.T.: 0.000 min  
Response: 752797159  
Conc: 49.23 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

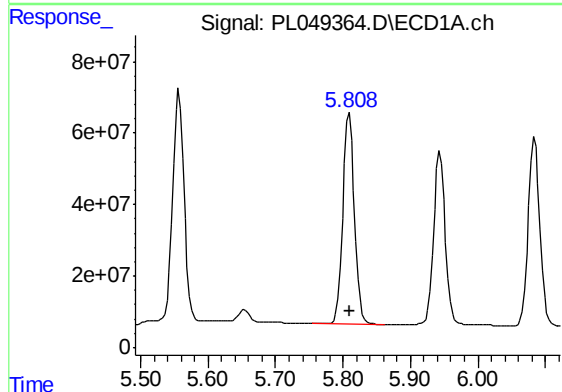
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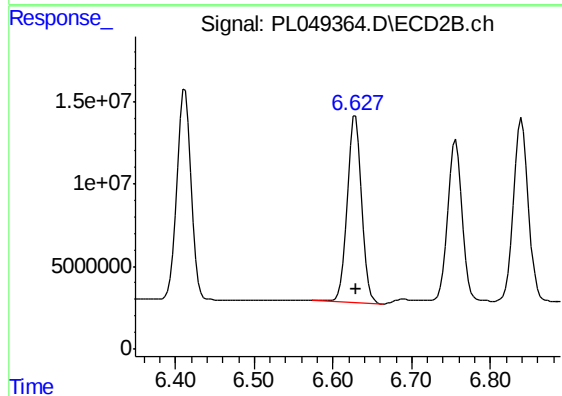
#13 Dieldrin

R.T.: 6.412 min  
Delta R.T.: 0.000 min  
Response: 163151275  
Conc: 48.65 ng/ml



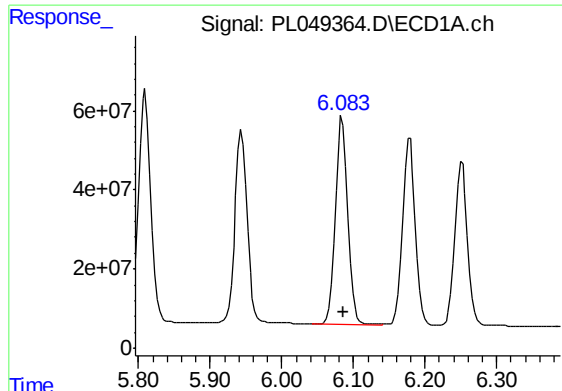
#14 Endrin

R.T.: 5.810 min  
Delta R.T.: -0.001 min  
Response: 709119001  
Conc: 49.16 ng/ml



#14 Endrin

R.T.: 6.629 min  
Delta R.T.: 0.000 min  
Response: 147469974  
Conc: 49.42 ng/ml



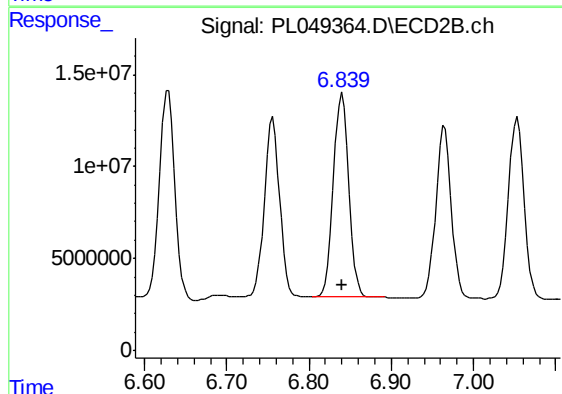
#15 Endosulfan II

R.T.: 6.084 min  
Delta R.T.: 0.000 min  
Response: 635439887  
Conc: 48.12 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

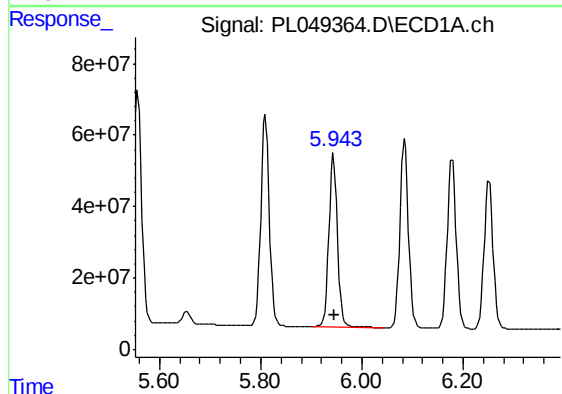
Manual Integrations  
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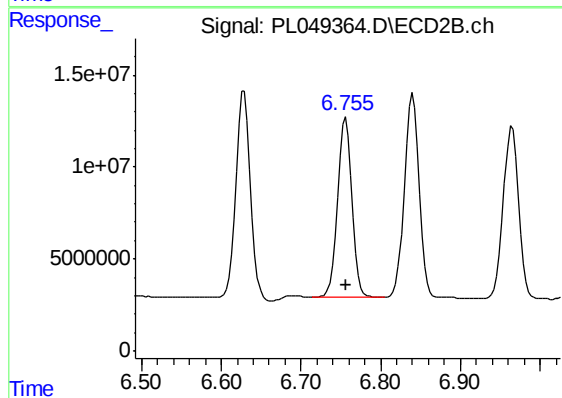
#15 Endosulfan II

R.T.: 6.840 min  
Delta R.T.: 0.000 min  
Response: 144761898  
Conc: 47.73 ng/ml



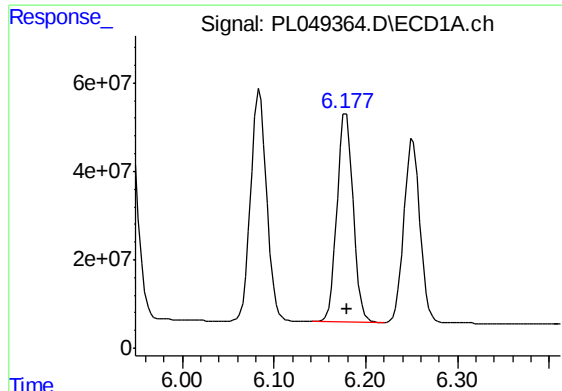
#16 4,4'-DDD

R.T.: 5.944 min  
Delta R.T.: -0.002 min  
Response: 585759215  
Conc: 49.22 ng/ml



#16 4,4'-DDD

R.T.: 6.756 min  
Delta R.T.: 0.000 min  
Response: 126257754  
Conc: 48.00 ng/ml



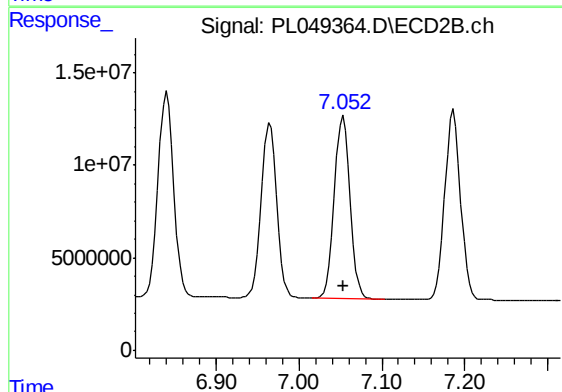
#17 4,4'-DDT

R.T.: 6.179 min  
Delta R.T.: -0.001 min  
Response: 581461031  
Conc: 47.22 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

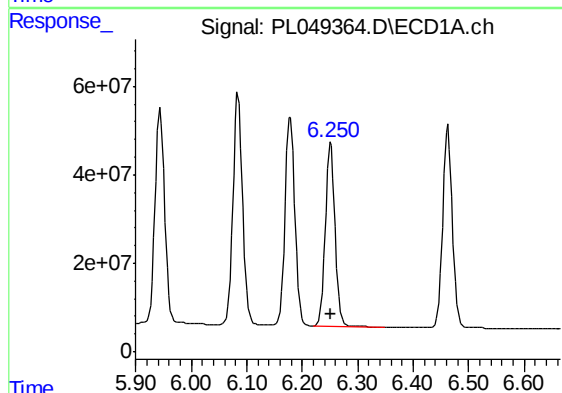
Manual Integrations  
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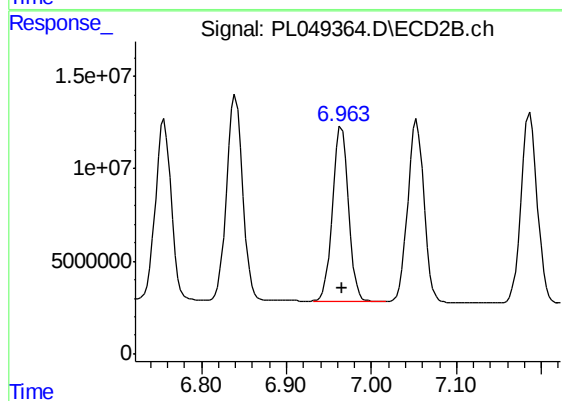
#17 4,4'-DDT

R.T.: 7.053 min  
Delta R.T.: 0.000 min  
Response: 131472706  
Conc: 46.89 ng/ml



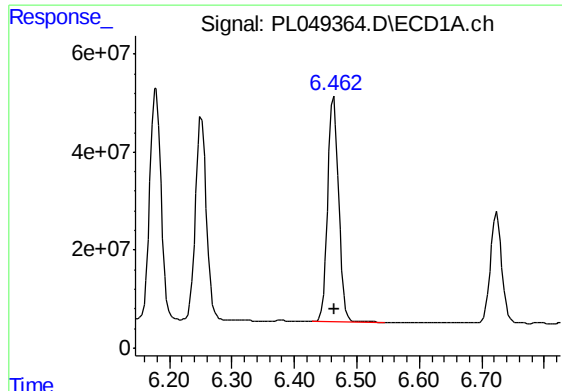
#18 Endrin aldehyde

R.T.: 6.252 min  
Delta R.T.: 0.000 min  
Response: 508267099  
Conc: 46.44 ng/ml



#18 Endrin aldehyde

R.T.: 6.965 min  
Delta R.T.: 0.000 min  
Response: 123850439  
Conc: 48.02 ng/ml



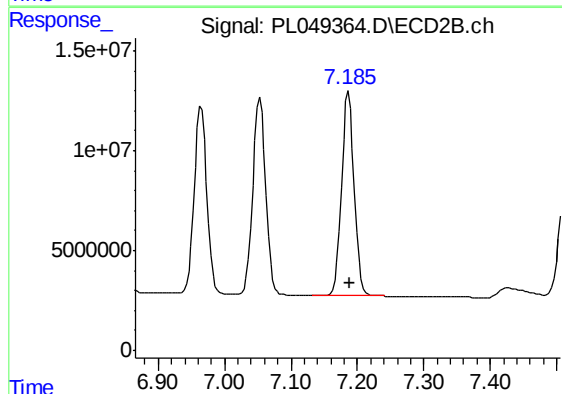
#19 Endosulfan Sulfate

R.T.: 6.463 min  
Delta R.T.: 0.000 min  
Response: 554473308  
Conc: 42.71 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

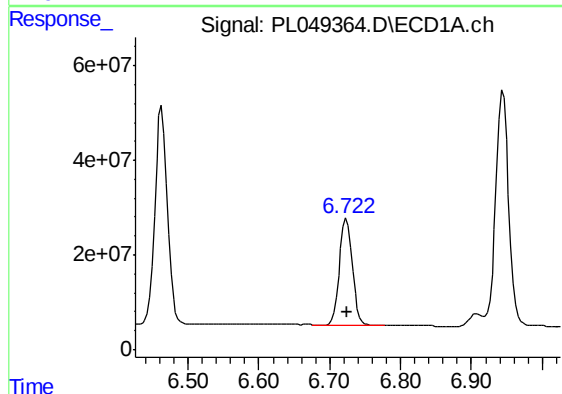
Manual Integrations  
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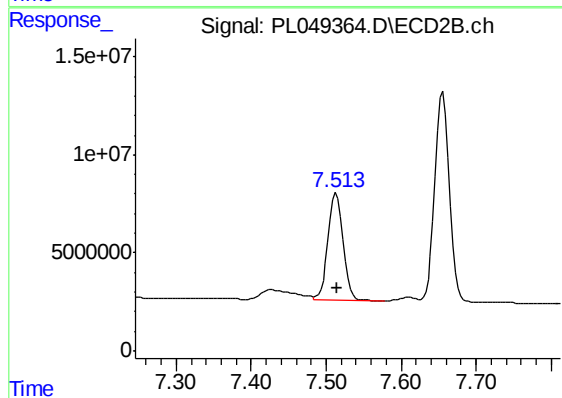
#19 Endosulfan Sulfate

R.T.: 7.187 min  
Delta R.T.: -0.001 min  
Response: 135152831  
Conc: 44.45 ng/ml



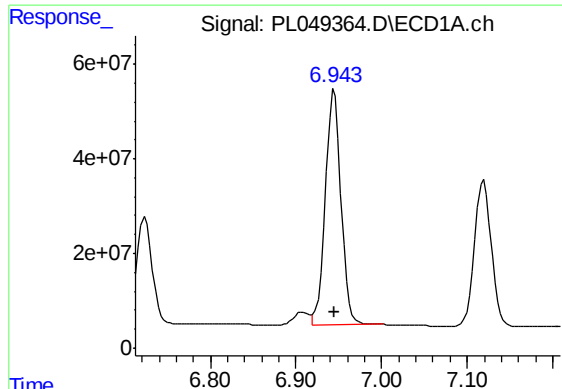
#20 Methoxychlor

R.T.: 6.724 min  
Delta R.T.: -0.001 min  
Response: 283704156  
Conc: 44.23 ng/ml



#20 Methoxychlor

R.T.: 7.514 min  
Delta R.T.: 0.000 min  
Response: 77298736  
Conc: 46.63 ng/ml



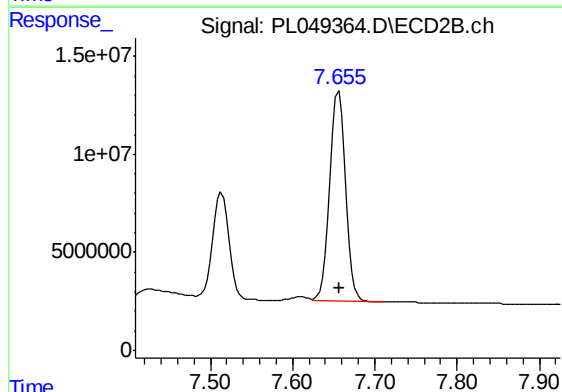
#21 Endrin ketone

R.T.: 6.945 min  
Delta R.T.: 0.000 min  
Response: 638486169  
Conc: 44.86 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

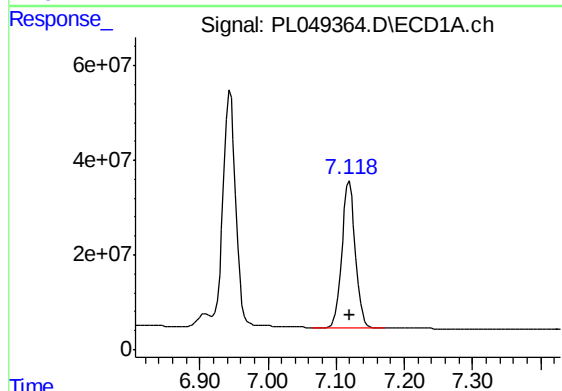
Manual Integrations  
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Ankita  
6/7/2019 9:59:39 AM



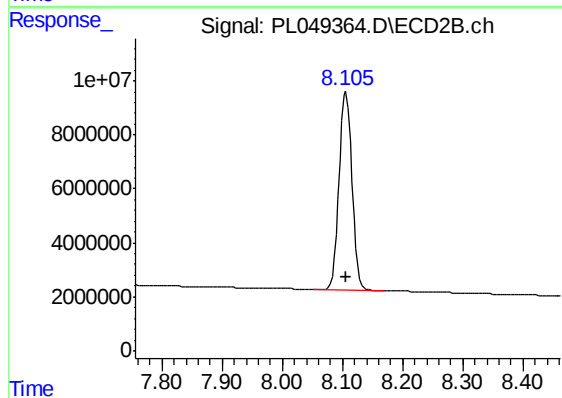
#21 Endrin ketone

R.T.: 7.656 min  
Delta R.T.: 0.000 min  
Response: 143937226  
Conc: 45.25 ng/ml



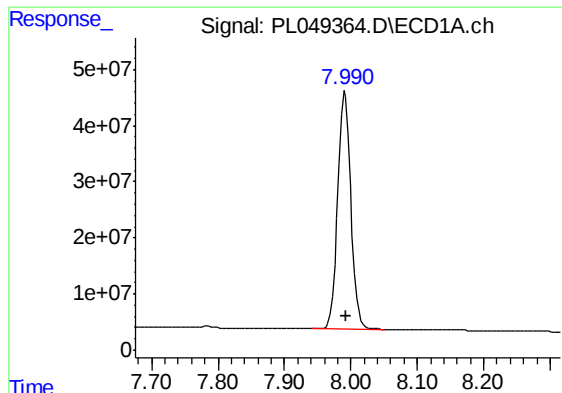
#22 Mirex

R.T.: 7.120 min  
Delta R.T.: 0.000 min  
Response: 422808071  
Conc: 40.13 ng/ml



#22 Mirex

R.T.: 8.106 min  
Delta R.T.: 0.000 min  
Response: 110058895  
Conc: 42.37 ng/ml



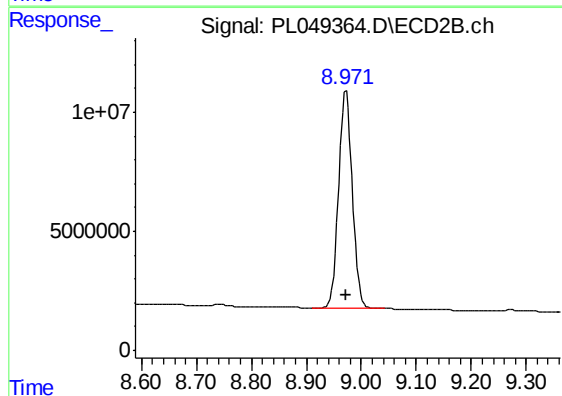
#28 Decachlorobiphenyl

R.T.: 7.991 min  
Delta R.T.: -0.001 min  
Response: 582628437  
Conc: 45.82 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

Manual Integrations  
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#28 Decachlorobiphenyl

R.T.: 8.972 min  
Delta R.T.: 0.000 min  
Response: 158385302  
Conc: 47.43 ng/ml