

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL061820\  
 Data File : PL059351.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 18 Jun 2020 20:22  
 Operator : AJ\MA  
 Sample : L2811-04MSD  
 Misc :  
 ALS Vial : 31 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 NB-08-061620MSD

Manual Integrations  
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Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Jun 19 01:55:43 2020  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL060320.M  
 Quant Title : GC Extractables  
 QLast Update : Thu Jun 04 08:16:22 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... | 3.519 | 4.071 | 36471536 | 59392059 | 21.120 | 22.826  |
| 28)                         | SA Decachlor... | 8.290 | 9.181 | 31109930 | 45987541 | 18.919 | 19.400  |
| Target Compounds            |                 |       |       |          |          |        |         |
| 2)                          | A alpha-BHC     | 3.960 | 4.463 | 130.7E6  | 207.7E6  | 52.214 | 54.036m |
| 3)                          | MA gamma-BHC... | 4.245 | 4.751 | 115.3E6  | 194.2E6  | 52.555 | 53.210  |
| 4)                          | MA Heptachlor   | 4.550 | 5.265 | 108.4E6  | 186.0E6  | 52.110 | 53.940  |
| 5)                          | MB Aldrin       | 4.800 | 5.573 | 93094194 | 168.3E6  | 52.269 | 53.470  |
| 6)                          | B beta-BHC      | 4.494 | 4.919 | 47307232 | 84350797 | 49.786 | 55.780  |
| 7)                          | B delta-BHC     | 4.701 | 5.139 | 79854025 | 137.5E6  | 40.125 | 49.023  |
| 8)                          | B Heptachlo...  | 5.244 | 5.961 | 89096973 | 156.1E6  | 52.160 | 56.345  |
| 9)                          | A Endosulfan I  | 5.585 | 6.320 | 80804973 | 144.9E6  | 51.658 | 51.767  |
| 10)                         | B gamma-Chl...  | 5.472 | 6.196 | 86904122 | 158.6E6  | 51.899 | 53.001  |
| 11)                         | B alpha-Chl...  | 5.531 | 6.269 | 86227498 | 157.6E6  | 51.688 | 51.845  |
| 12)                         | B 4,4'-DDE      | 5.694 | 6.423 | 78876077 | 145.1E6  | 51.868 | 52.142  |
| 13)                         | MA Dieldrin     | 5.828 | 6.578 | 83214410 | 149.9E6  | 51.058 | 51.354  |
| 14)                         | MA Endrin       | 6.086 | 6.797 | 76095808 | 127.4E6  | 50.223 | 51.144  |
| 15)                         | B Endosulfa...  | 6.358 | 7.005 | 77592815 | 133.0E6  | 50.203 | 51.040  |
| 16)                         | A 4,4'-DDD      | 6.209 | 6.915 | 68231581 | 120.3E6  | 51.613 | 51.816  |
| 17)                         | MA 4,4'-DDT     | 6.452 | 7.215 | 65702134 | 114.5E6  | 52.085 | 50.278  |
| 18)                         | B Endrin al...  | 6.526 | 7.129 | 65470871 | 113.4E6  | 49.724 | 49.616  |
| 19)                         | B Endosulfa...  | 6.739 | 7.352 | 71470671 | 119.6E6  | 47.975 | 47.741  |
| 20)                         | A Methoxychlor  | 6.997 | 7.671 | 38768386 | 64460248 | 50.471 | 48.884  |
| 21)                         | B Endrin ke...  | 7.231 | 7.825 | 86469595 | 134.7E6  | 49.799 | 51.359  |
| 22)                         | Mirex           | 7.425 | 8.283 | 65919221 | 97952946 | 47.762 | 49.654  |
| -----                       |                 |       |       |          |          |        |         |

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL061820\  
Data File : PL059351.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 18 Jun 2020 20:22  
Operator : AJ\MA  
Sample : L2811-04MSD  
Misc :  
ALS Vial : 31 Sample Multiplier: 1

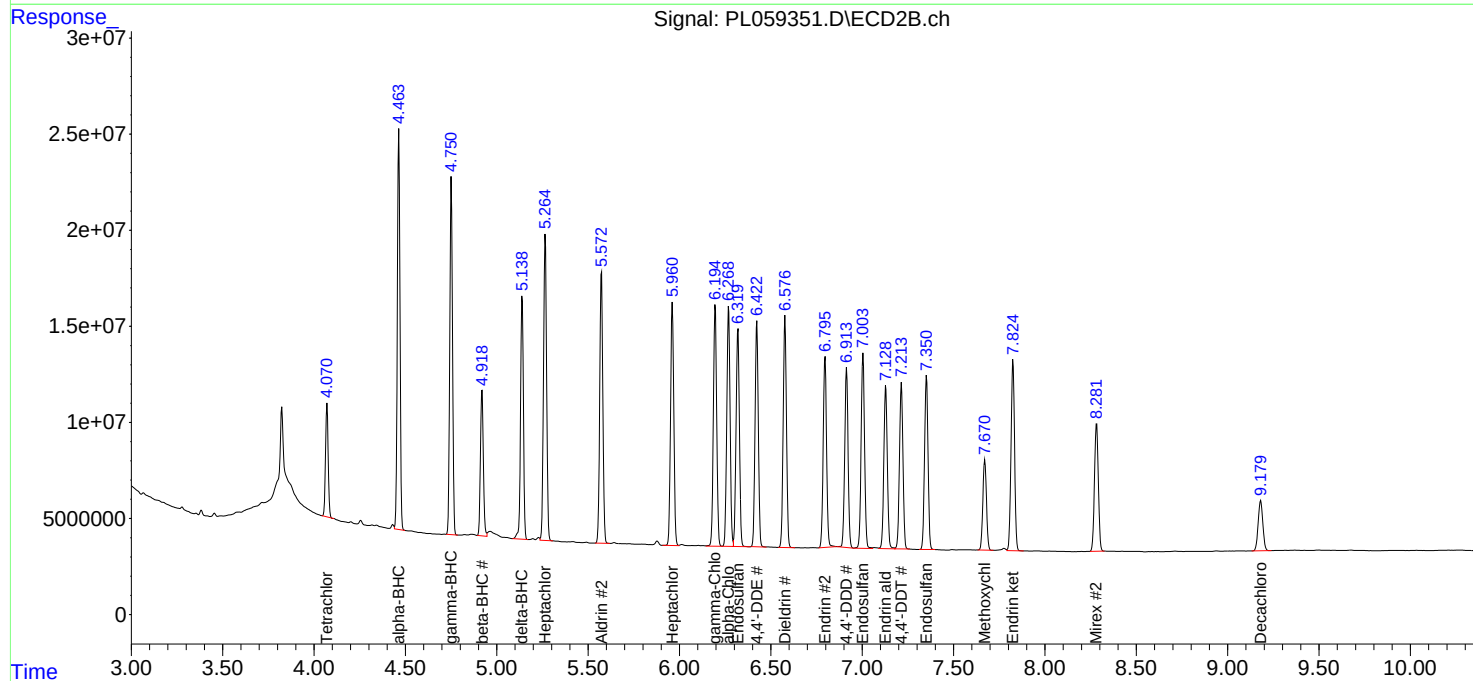
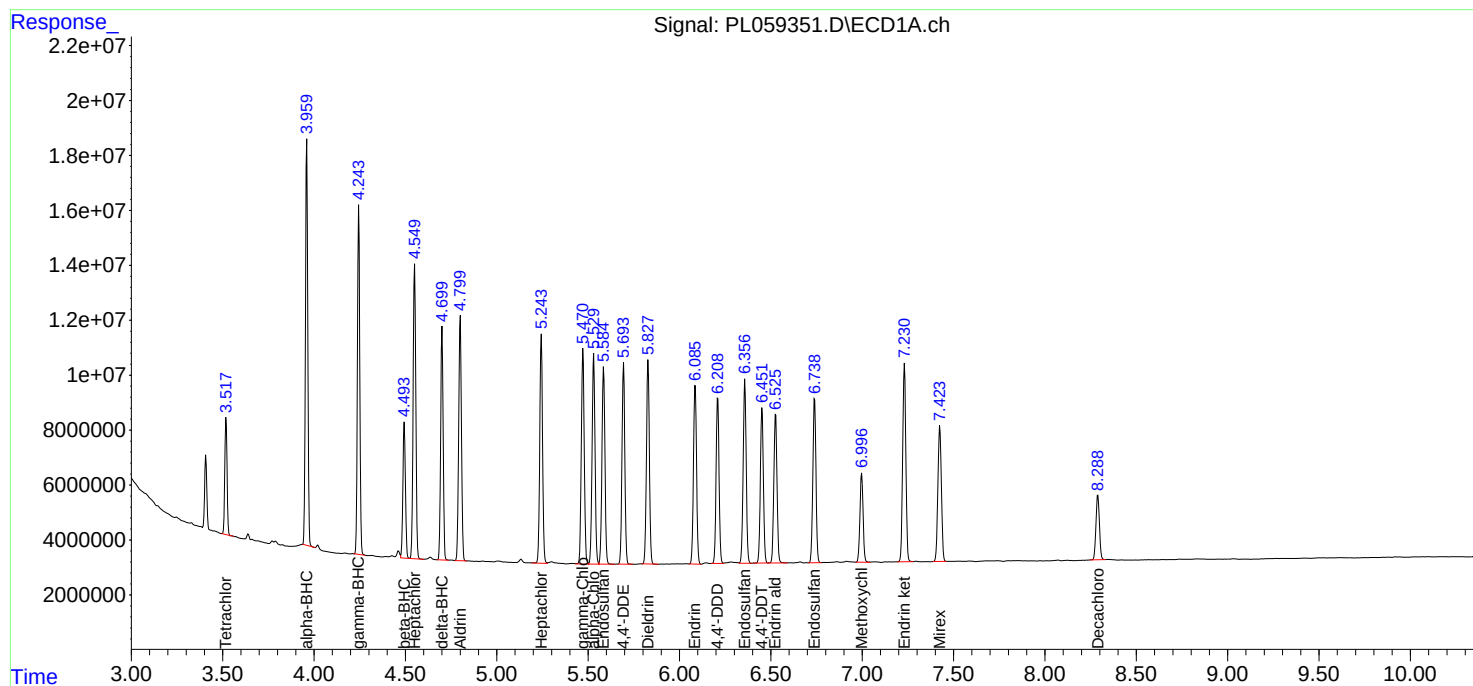
Instrument :  
ECD\_L  
ClientSampleId :  
NB-08-061620MSD

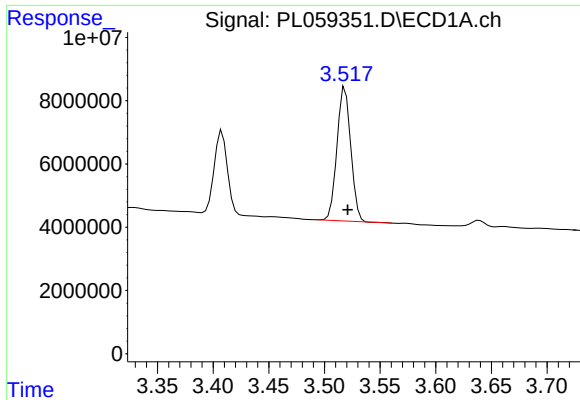
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Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Jun 19 01:55:43 2020  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL060320.M  
Quant Title : GC Extractables  
QLast Update : Thu Jun 04 08:16:22 2020  
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





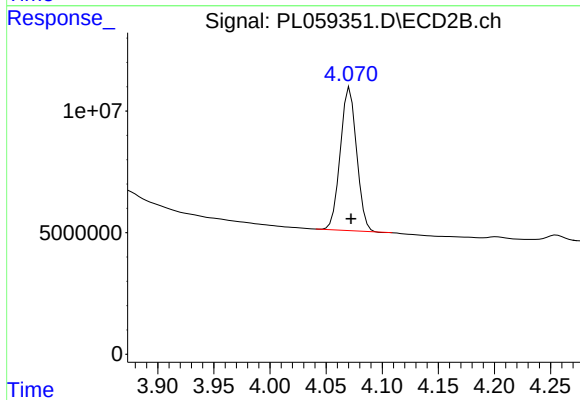
#1 Tetrachloro-m-xylene

R.T.: 3.519 min  
Delta R.T.: -0.002 min  
Response: 36471536  
Conc: 21.12 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
NB-08-061620MSD

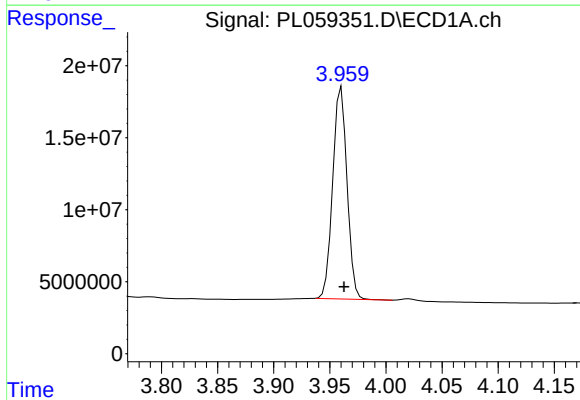
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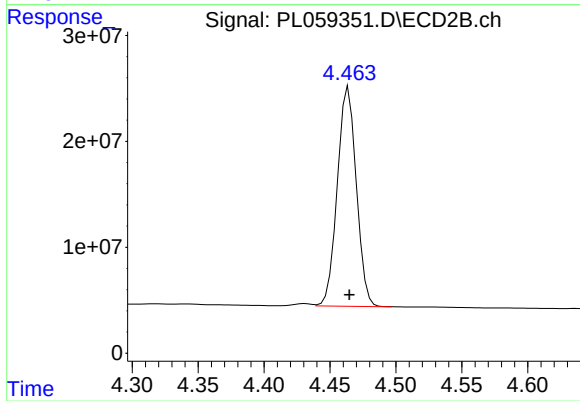
#1 Tetrachloro-m-xylene

R.T.: 4.071 min  
Delta R.T.: -0.001 min  
Response: 59392059  
Conc: 22.83 ng/ml



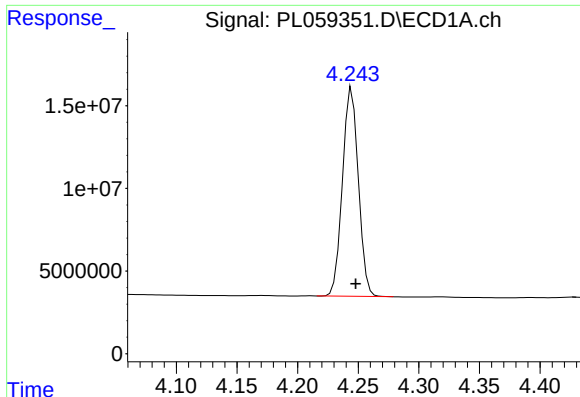
#2 alpha-BHC

R.T.: 3.960 min  
Delta R.T.: -0.002 min  
Response: 130709623  
Conc: 52.21 ng/ml



#2 alpha-BHC

R.T.: 4.463 min  
Delta R.T.: -0.002 min  
Response: 207691465  
Conc: 54.04 ng/ml m



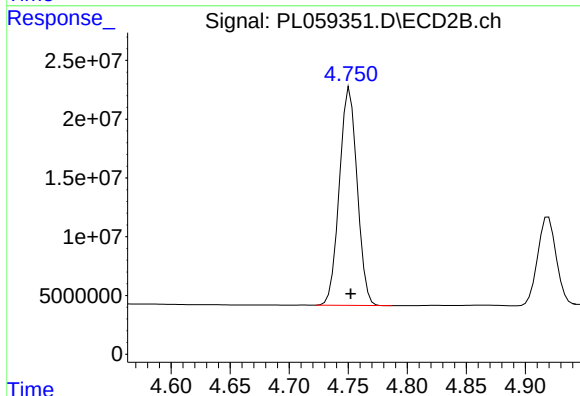
#3 gamma-BHC (Lindane)

R.T.: 4.245 min  
Delta R.T.: -0.003 min  
Response: 115257273  
Conc: 52.56 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
NB-08-061620MSD

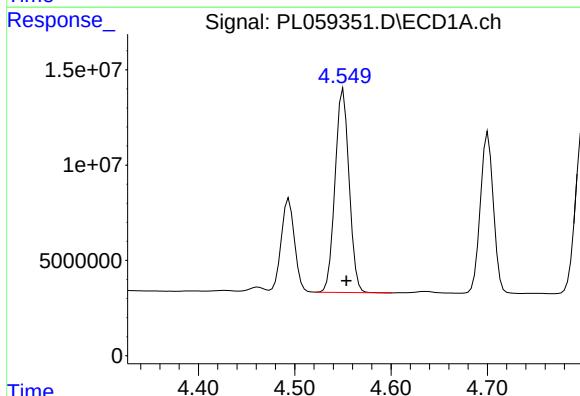
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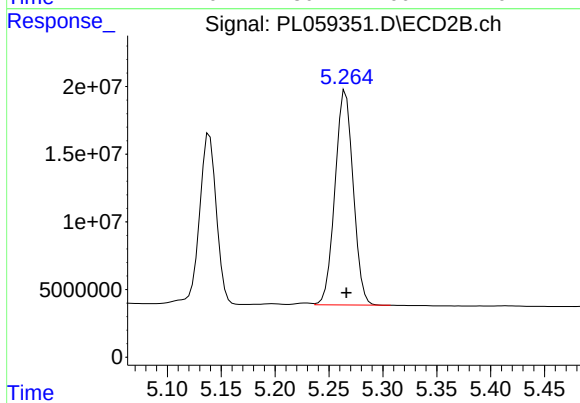
#3 gamma-BHC (Lindane)

R.T.: 4.751 min  
Delta R.T.: 0.000 min  
Response: 194175555  
Conc: 53.21 ng/ml



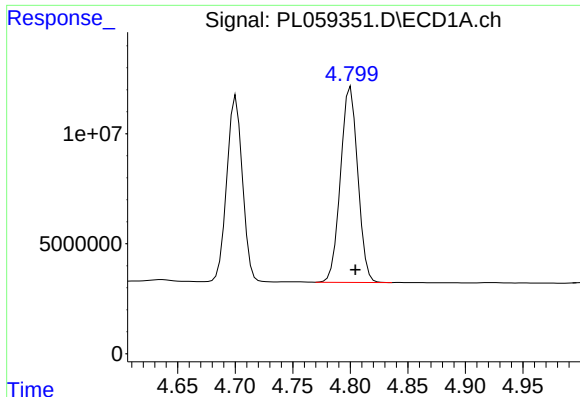
#4 Heptachlor

R.T.: 4.550 min  
Delta R.T.: -0.003 min  
Response: 108422205  
Conc: 52.11 ng/ml



#4 Heptachlor

R.T.: 5.265 min  
Delta R.T.: 0.000 min  
Response: 185967300  
Conc: 53.94 ng/ml



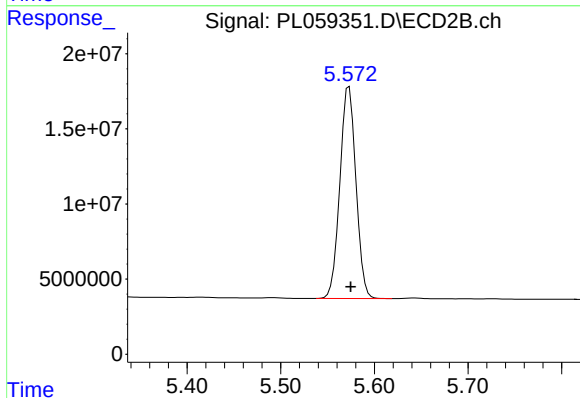
#5 Aldrin

R.T.: 4.800 min  
Delta R.T.: -0.004 min  
Response: 93094194  
Conc: 52.27 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
NB-08-061620MSD

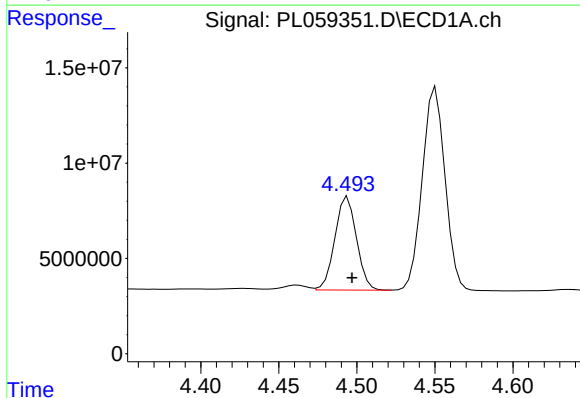
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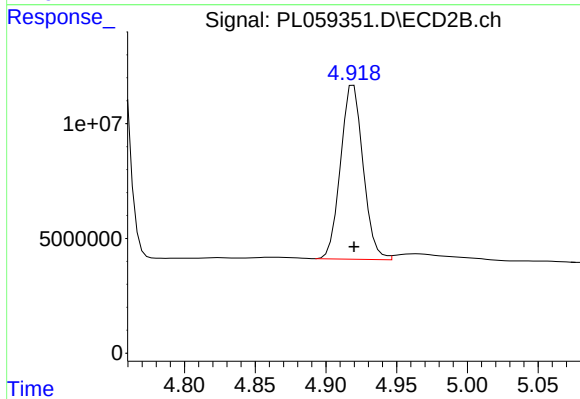
#5 Aldrin

R.T.: 5.573 min  
Delta R.T.: -0.002 min  
Response: 168279924  
Conc: 53.47 ng/ml



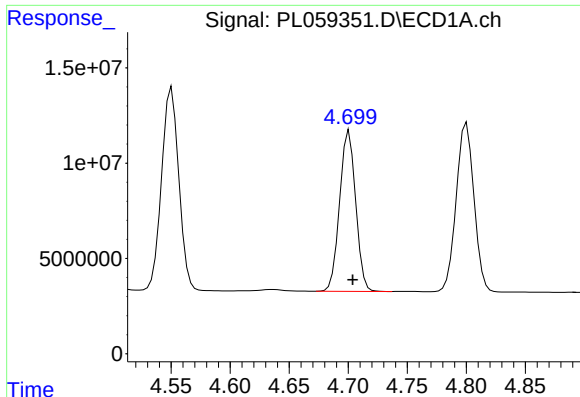
#6 beta-BHC

R.T.: 4.494 min  
Delta R.T.: -0.003 min  
Response: 47307232  
Conc: 49.79 ng/ml



#6 beta-BHC

R.T.: 4.919 min  
Delta R.T.: 0.000 min  
Response: 84350797  
Conc: 55.78 ng/ml



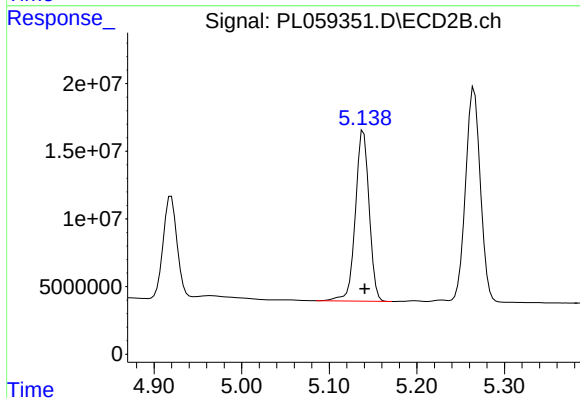
#7 delta-BHC

R.T.: 4.701 min  
Delta R.T.: -0.003 min  
Response: 79854025  
Conc: 40.13 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
NB-08-061620MSD

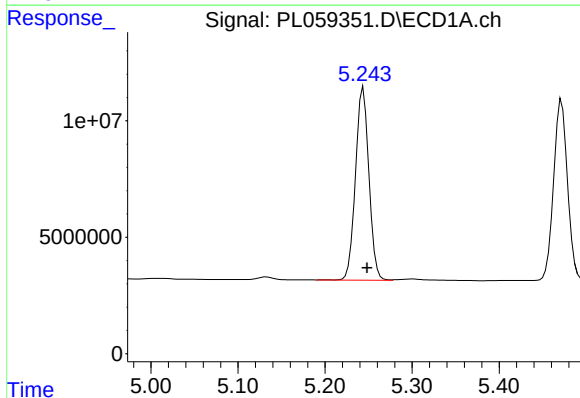
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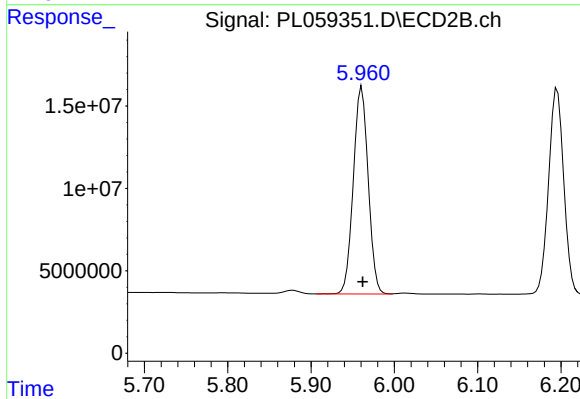
#7 delta-BHC

R.T.: 5.139 min  
Delta R.T.: -0.001 min  
Response: 137519138  
Conc: 49.02 ng/ml



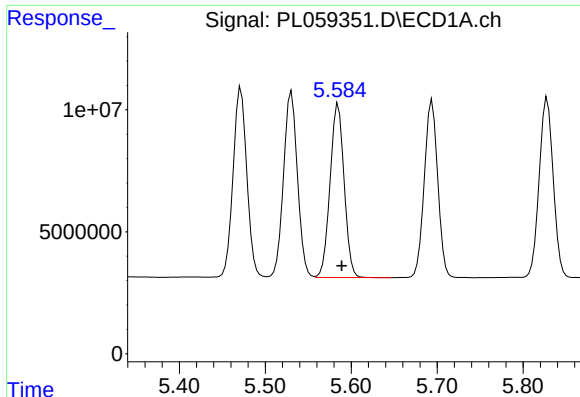
#8 Heptachlor epoxide

R.T.: 5.244 min  
Delta R.T.: -0.004 min  
Response: 89096973  
Conc: 52.16 ng/ml



#8 Heptachlor epoxide

R.T.: 5.961 min  
Delta R.T.: -0.001 min  
Response: 156076099  
Conc: 56.35 ng/ml



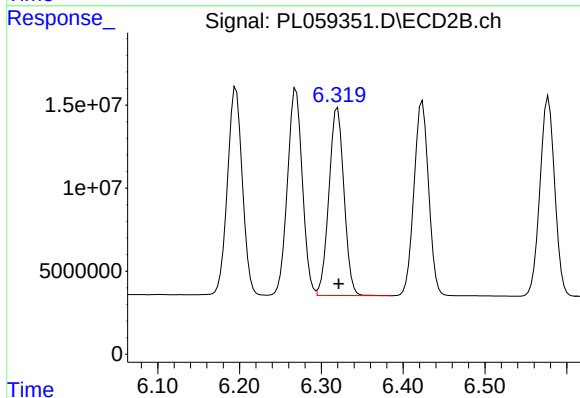
#9 Endosulfan I

R.T.: 5.585 min  
Delta R.T.: -0.004 min  
Response: 80804973  
Conc: 51.66 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
NB-08-061620MSD

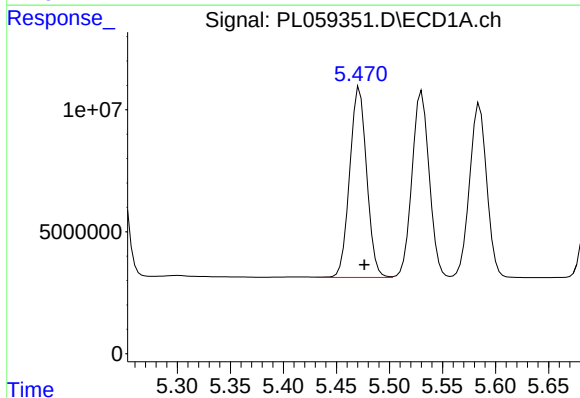
Manual Integrations  
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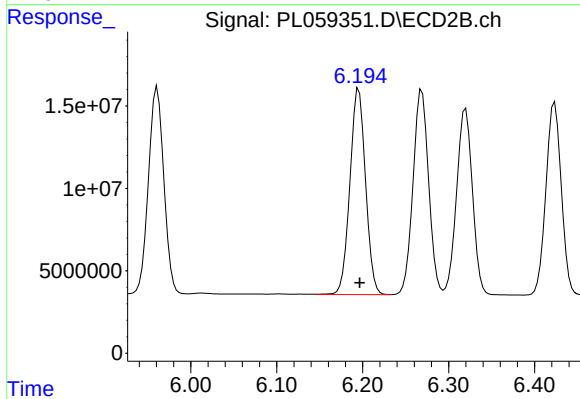
#9 Endosulfan I

R.T.: 6.320 min  
Delta R.T.: -0.002 min  
Response: 144858349  
Conc: 51.77 ng/ml



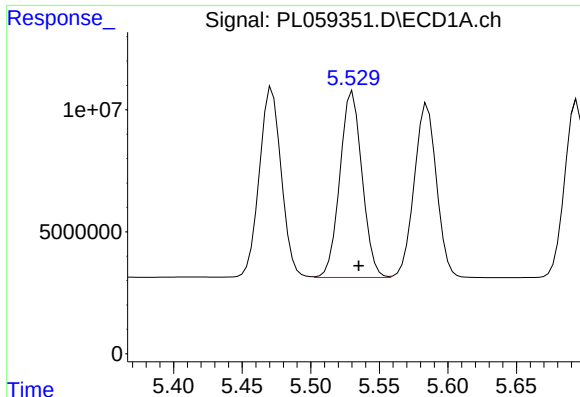
#10 gamma-Chlordane

R.T.: 5.472 min  
Delta R.T.: -0.005 min  
Response: 86904122  
Conc: 51.90 ng/ml



#10 gamma-Chlordane

R.T.: 6.196 min  
Delta R.T.: 0.000 min  
Response: 158585696  
Conc: 53.00 ng/ml



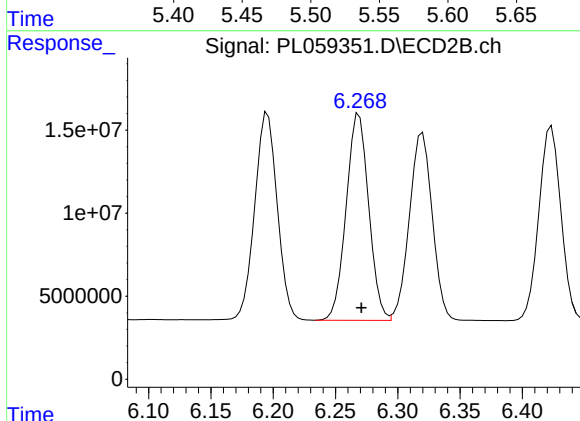
#11 alpha-Chlordane

R.T.: 5.531 min  
Delta R.T.: -0.005 min  
Response: 86227498  
Conc: 51.69 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
NB-08-061620MSD

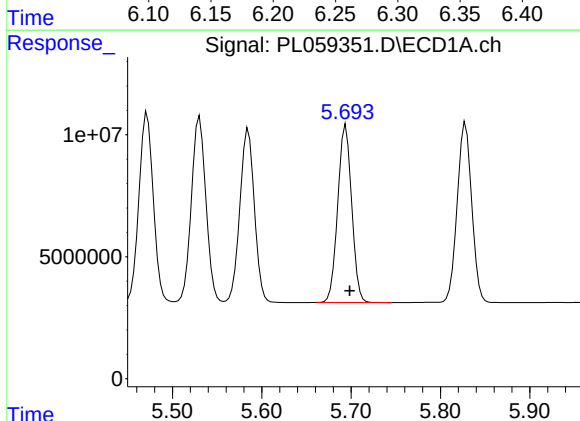
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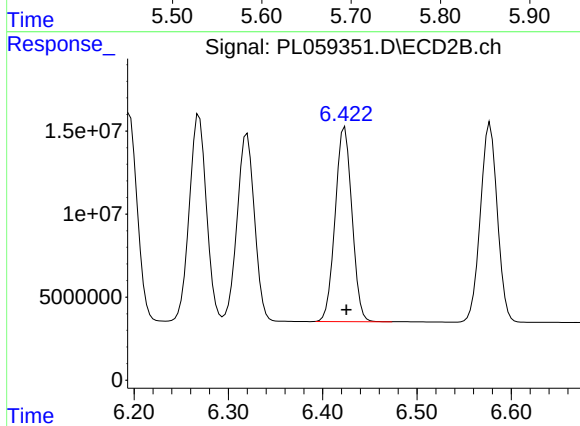
#11 alpha-Chlordane

R.T.: 6.269 min  
Delta R.T.: -0.002 min  
Response: 157572126  
Conc: 51.85 ng/ml



#12 4,4'-DDE

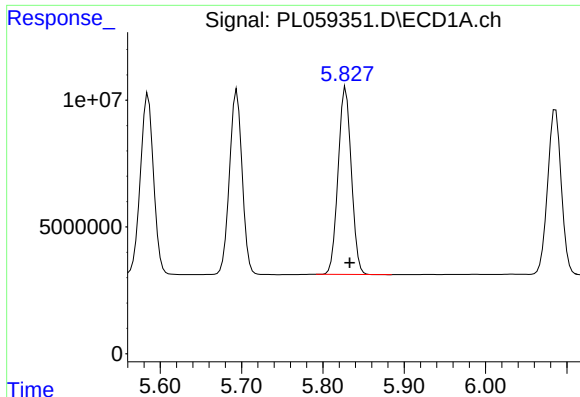
R.T.: 5.694 min  
Delta R.T.: -0.004 min  
Response: 78876077  
Conc: 51.87 ng/ml



#12 4,4'-DDE

R.T.: 6.423 min  
Delta R.T.: -0.002 min  
Response: 145140241  
Conc: 52.14 ng/ml





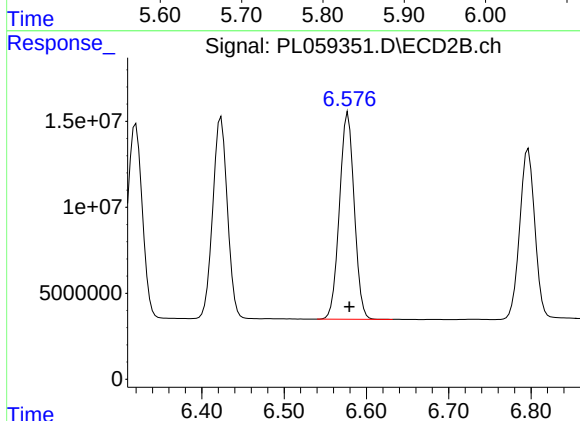
#13 Dieldrin

R.T.: 5.828 min  
Delta R.T.: -0.005 min  
Response: 83214410  
Conc: 51.06 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
NB-08-061620MSD

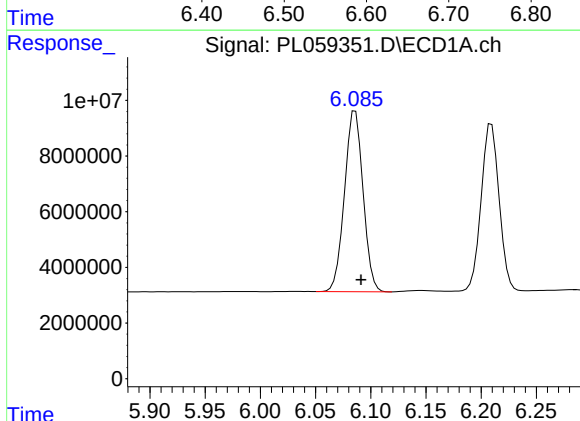
Manual Integrations  
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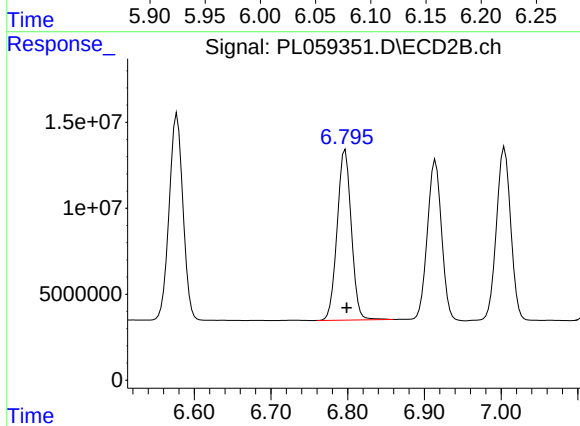
#13 Dieldrin

R.T.: 6.578 min  
Delta R.T.: -0.002 min  
Response: 149928022  
Conc: 51.35 ng/ml



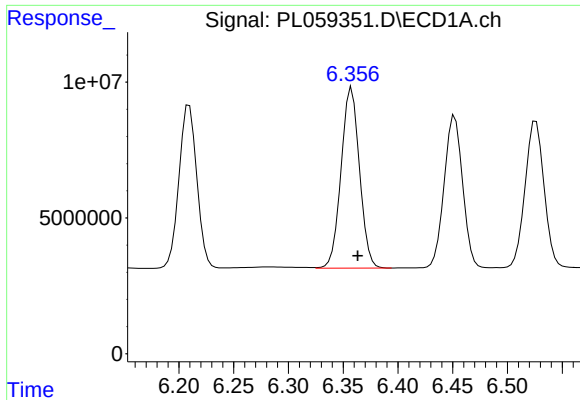
#14 Endrin

R.T.: 6.086 min  
Delta R.T.: -0.005 min  
Response: 76095808  
Conc: 50.22 ng/ml



#14 Endrin

R.T.: 6.797 min  
Delta R.T.: -0.002 min  
Response: 127368219  
Conc: 51.14 ng/ml



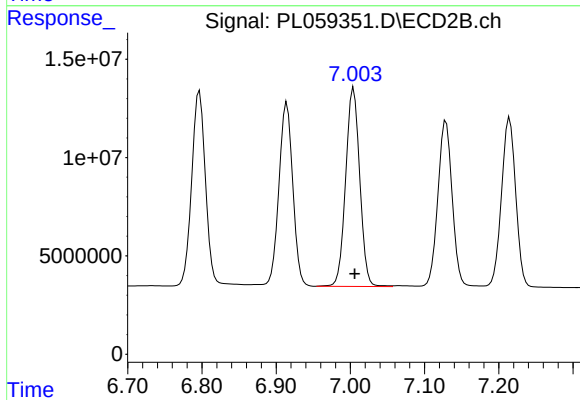
#15 Endosulfan II

R.T.: 6.358 min  
Delta R.T.: -0.005 min  
Response: 77592815  
Conc: 50.20 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
NB-08-061620MSD

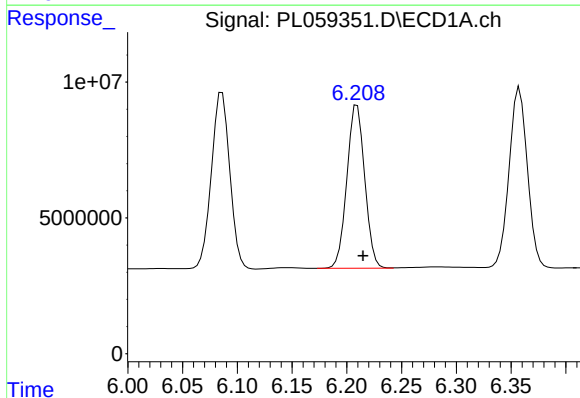
Manual Integrations  
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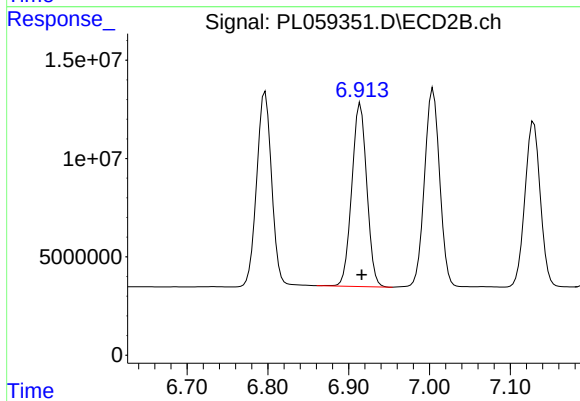
#15 Endosulfan II

R.T.: 7.005 min  
Delta R.T.: -0.002 min  
Response: 132957926  
Conc: 51.04 ng/ml



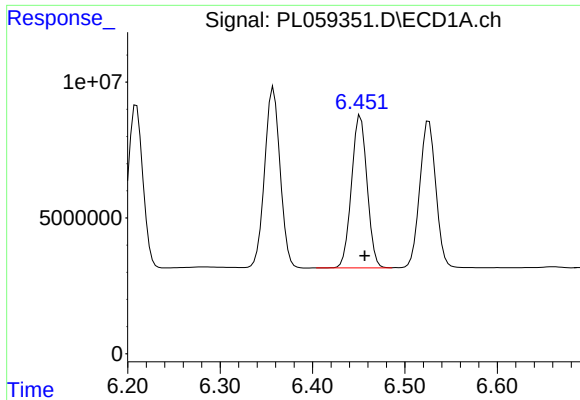
#16 4,4'-DDD

R.T.: 6.209 min  
Delta R.T.: -0.005 min  
Response: 68231581  
Conc: 51.61 ng/ml



#16 4,4'-DDD

R.T.: 6.915 min  
Delta R.T.: -0.002 min  
Response: 120263640  
Conc: 51.82 ng/ml



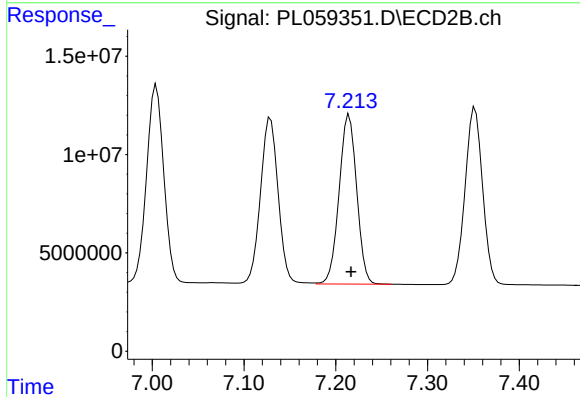
#17 4,4'-DDT

R.T.: 6.452 min  
Delta R.T.: -0.005 min  
Response: 65702134  
Conc: 52.09 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
NB-08-061620MSD

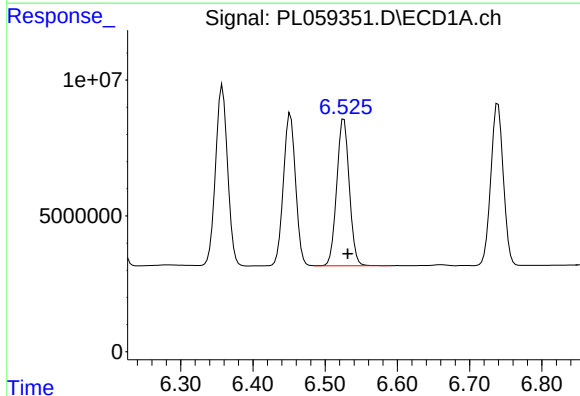
Manual Integrations  
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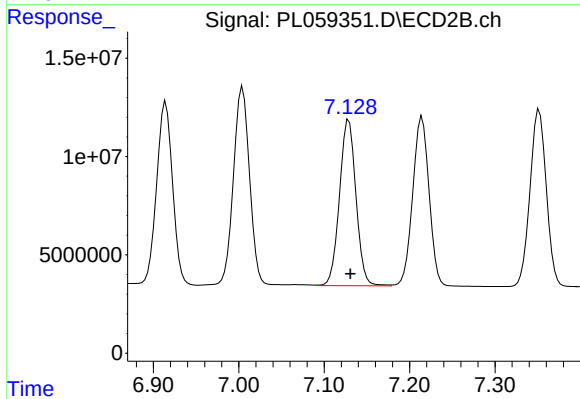
#17 4,4'-DDT

R.T.: 7.215 min  
Delta R.T.: -0.002 min  
Response: 114492013  
Conc: 50.28 ng/ml



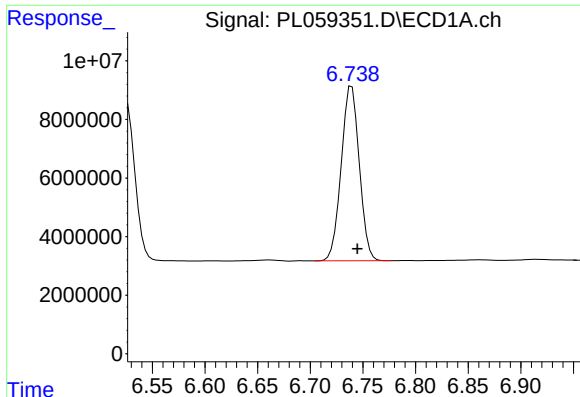
#18 Endrin aldehyde

R.T.: 6.526 min  
Delta R.T.: -0.005 min  
Response: 65470871  
Conc: 49.72 ng/ml



#18 Endrin aldehyde

R.T.: 7.129 min  
Delta R.T.: -0.002 min  
Response: 113426099  
Conc: 49.62 ng/ml



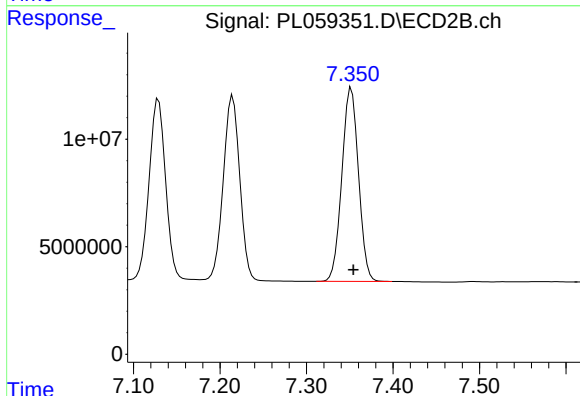
#19 Endosulfan Sulfate

R.T.: 6.739 min  
Delta R.T.: -0.006 min  
Response: 71470671  
Conc: 47.98 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
NB-08-061620MSD

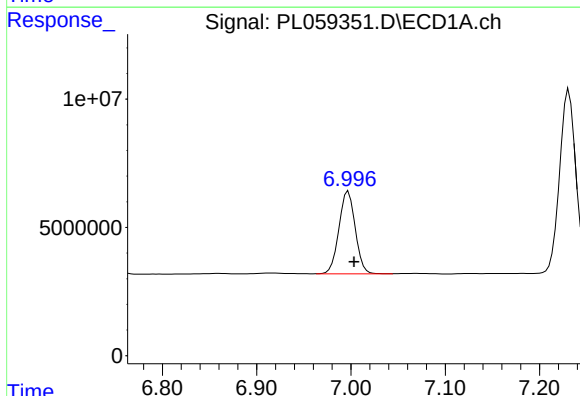
Manual Integrations  
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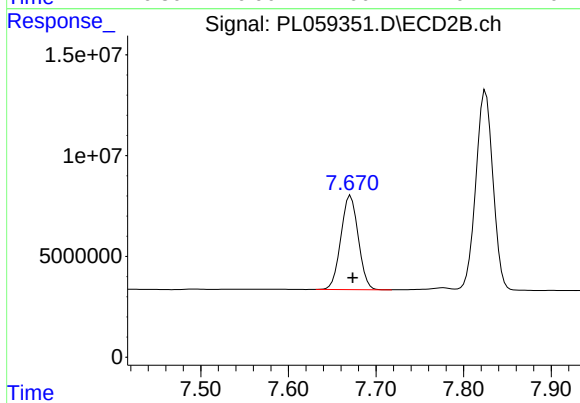
#19 Endosulfan Sulfate

R.T.: 7.352 min  
Delta R.T.: -0.003 min  
Response: 119622017  
Conc: 47.74 ng/ml



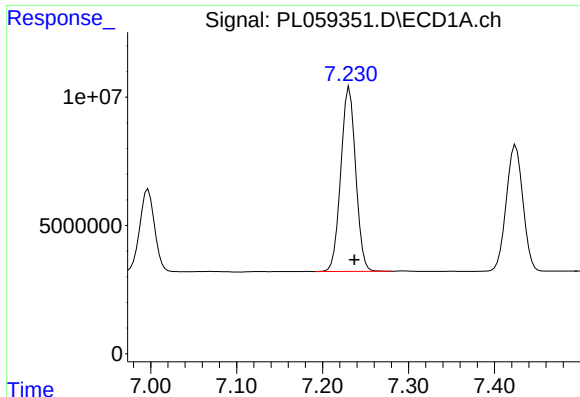
#20 Methoxychlor

R.T.: 6.997 min  
Delta R.T.: -0.006 min  
Response: 38768386  
Conc: 50.47 ng/ml



#20 Methoxychlor

R.T.: 7.671 min  
Delta R.T.: -0.002 min  
Response: 64460248  
Conc: 48.88 ng/ml



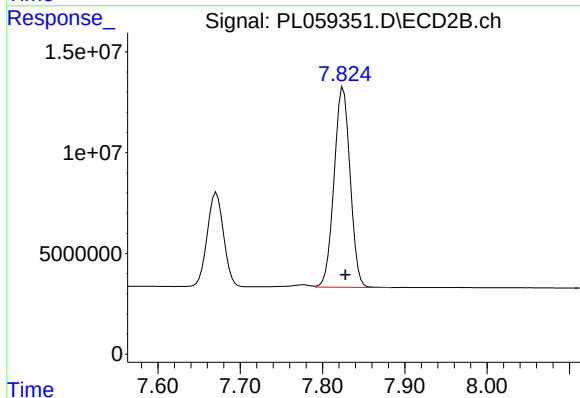
#21 Endrin ketone

R.T.: 7.231 min  
Delta R.T.: -0.006 min  
Response: 86469595  
Conc: 49.80 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
NB-08-061620MSD

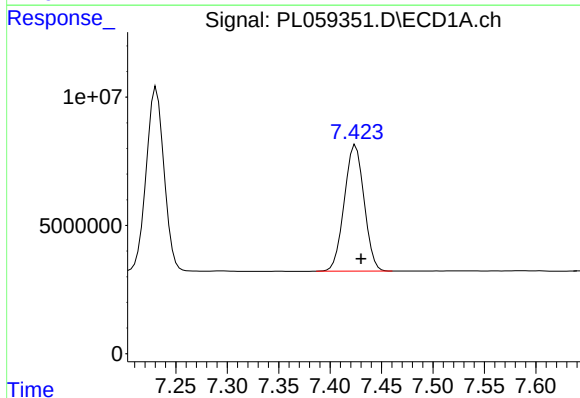
Manual Integrations  
APPROVED

mohammad  
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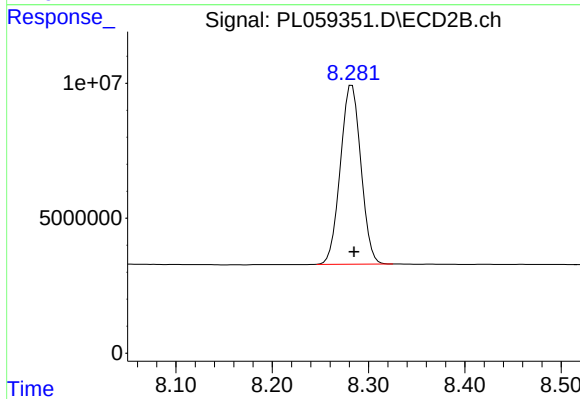
#21 Endrin ketone

R.T.: 7.825 min  
Delta R.T.: -0.003 min  
Response: 134749797  
Conc: 51.36 ng/ml



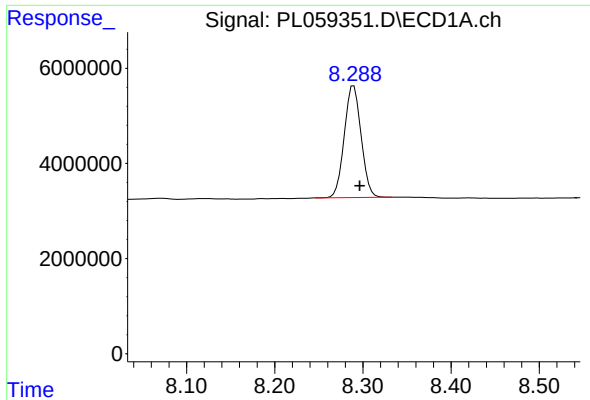
#22 Mirex

R.T.: 7.425 min  
Delta R.T.: -0.005 min  
Response: 65919221  
Conc: 47.76 ng/ml



#22 Mirex

R.T.: 8.283 min  
Delta R.T.: -0.002 min  
Response: 97952946  
Conc: 49.65 ng/ml



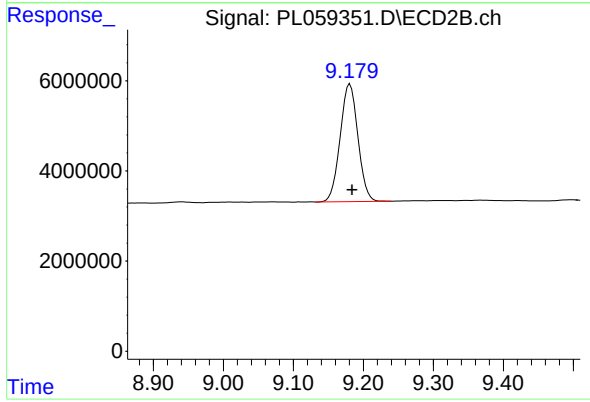
#28 Decachlorobiphenyl

R.T.: 8.290 min  
Delta R.T.: -0.007 min  
Response: 31109930  
Conc: 18.92 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
NB-08-061620MSD

Manual Integrations  
APPROVED

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#28 Decachlorobiphenyl

R.T.: 9.181 min  
Delta R.T.: -0.003 min  
Response: 45987541  
Conc: 19.40 ng/ml