

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL020720\  
 Data File : PL056375.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 07 Feb 2020 16:26  
 Operator : AJ\MA  
 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: Feb 07 22:31:39 2020  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL012820.M  
 Quant Title : GC Extractables  
 QLast Update : Tue Jan 28 13:10:37 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... | 3.499 | 4.017 | 482.5E6 | 142.7E6  | 46.072  | 48.804   |
| 28)                         | SA Decachlor... | 8.256 | 9.099 | 478.7E6 | 108.0E6  | 45.464  | 47.763   |
| Target Compounds            |                 |       |       |         |          |         |          |
| 2)                          | A alpha-BHC     | 3.938 | 4.407 | 839.0E6 | 221.0E6  | 47.083  | 50.487   |
| 3)                          | MA gamma-BHC... | 4.222 | 4.693 | 794.9E6 | 205.6E6  | 48.547  | 50.137   |
| 4)                          | MA Heptachlor   | 4.524 | 5.201 | 794.0E6 | 184.7E6  | 49.457  | 51.611   |
| 5)                          | MB Aldrin       | 4.772 | 5.506 | 782.0E6 | 178.2E6  | 48.070  | 50.714   |
| 6)                          | B beta-BHC      | 4.472 | 4.865 | 316.2E6 | 81393707 | 48.004  | 49.647   |
| 7)                          | B delta-BHC     | 4.678 | 5.082 | 789.3E6 | 177.1E6  | 49.230  | 55.214   |
| 8)                          | B Heptachlor... | 5.215 | 5.894 | 738.6E6 | 155.6E6  | 48.023  | 49.993   |
| 9)                          | A Endosulfan I  | 5.555 | 6.252 | 694.6E6 | 151.0E6  | 47.866  | 50.446   |
| 10)                         | B gamma-Chl...  | 5.443 | 6.130 | 757.1E6 | 161.4E6  | 48.273  | 50.753   |
| 11)                         | B alpha-Chl...  | 5.501 | 6.201 | 741.8E6 | 159.8E6  | 48.222  | 50.424   |
| 12)                         | B 4,4'-DDE      | 5.664 | 6.360 | 728.5E6 | 155.0E6  | 50.264  | 51.757   |
| 13)                         | MA Dieldrin     | 5.798 | 6.510 | 758.7E6 | 159.7E6  | 49.333  | 51.436   |
| 14)                         | MA Endrin       | 6.056 | 6.729 | 710.3E6 | 138.2E6  | 50.550  | 52.743   |
| 15)                         | B Endosulfa...  | 6.329 | 6.940 | 560.0E6 | 134.5E6  | 42.816  | 49.961   |
| 16)                         | A 4,4'-DDD      | 6.181 | 6.852 | 565.8E6 | 118.5E6  | 52.640  | 50.209   |
| 17)                         | MA 4,4'-DDT     | 6.421 | 7.151 | 613.3E6 | 121.6E6  | 56.119  | 52.949   |
| 18)                         | B Endrin al...  | 6.497 | 7.064 | 543.9E6 | 112.9E6  | 49.709  | 49.738   |
| 19)                         | B Endosulfa...  | 6.710 | 7.288 | 568.4E6 | 124.2E6  | 46.749m | 49.062   |
| 20)                         | A Methoxychlor  | 6.966 | 7.612 | 301.5E6 | 65150466 | 56.761  | 53.137   |
| 21)                         | B Endrin ke...  | 7.203 | 7.760 | 616.1E6 | 131.2E6  | 47.088  | 49.209   |
| 22)                         | Mirex           | 7.392 | 8.215 | 332.9E6 | 83245071 | 36.033  | 45.794 # |
| -----                       |                 |       |       |         |          |         |          |

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL020720\  
Data File : PL056375.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 07 Feb 2020 16:26  
Operator : AJ\MA  
Sample : PSTDCCC050  
Misc :  
ALS Vial : 4 Sample Multiplier: 1

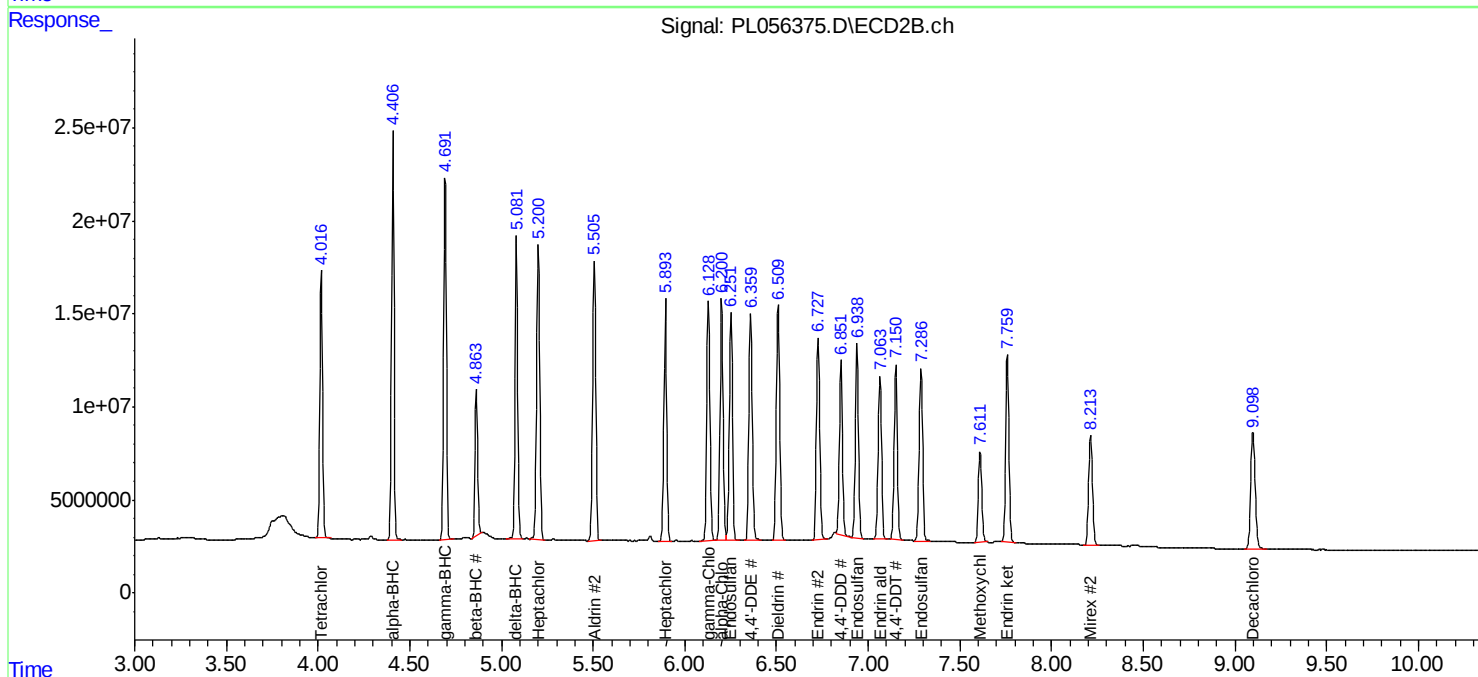
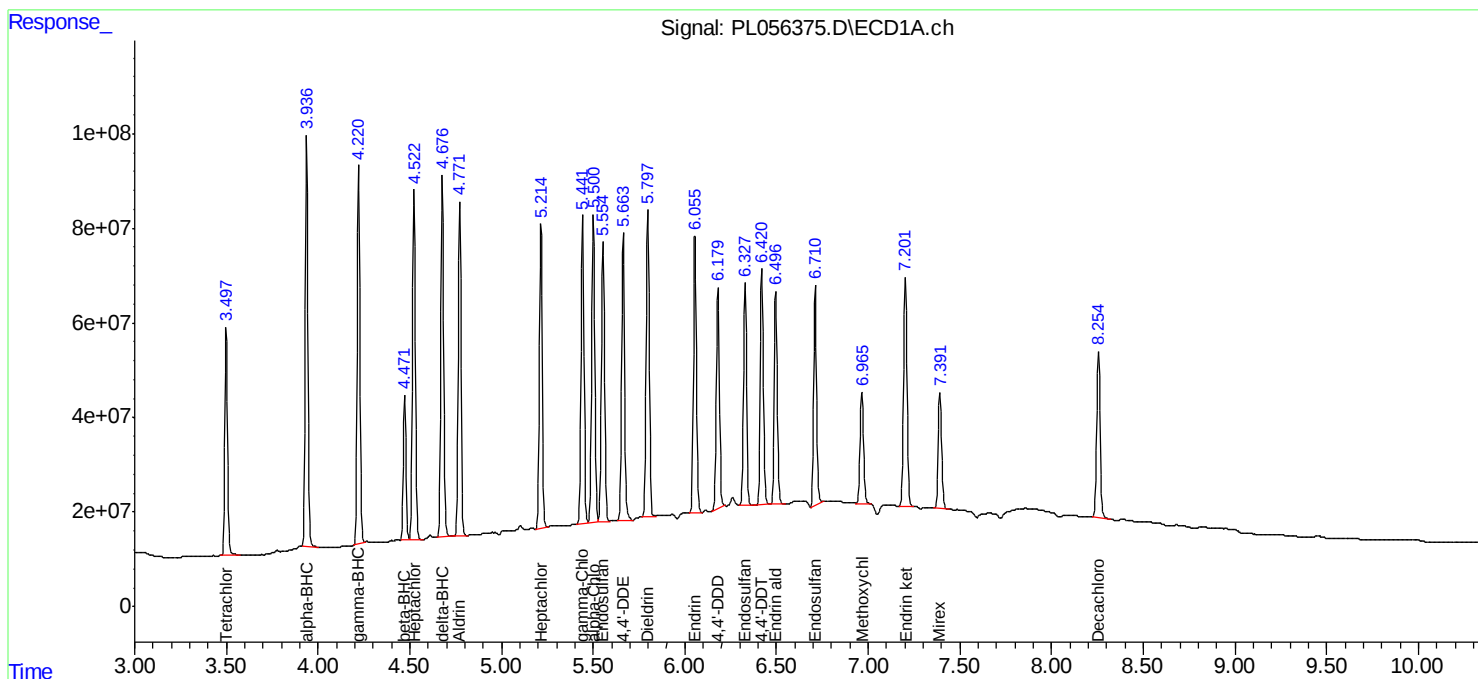
Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

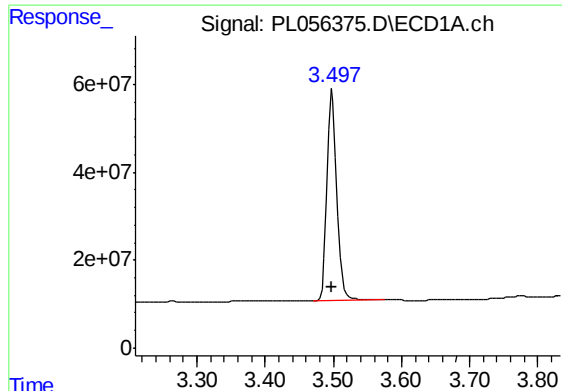
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Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Feb 07 22:31:39 2020  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL012820.M  
Quant Title : GC Extractables  
QLast Update : Tue Jan 28 13:10:37 2020  
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





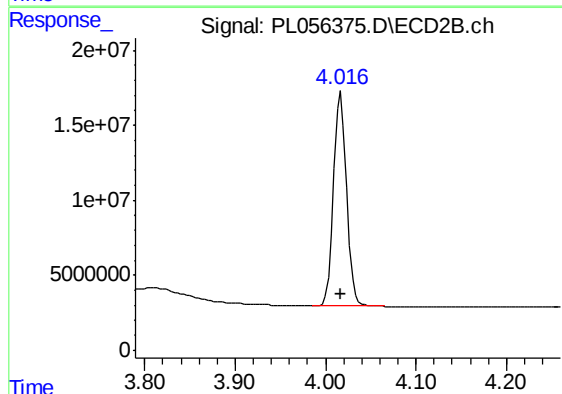
#1 Tetrachloro-m-xylene

R.T.: 3.499 min  
Delta R.T.: 0.002 min  
Response: 482512599  
Conc: 46.07 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

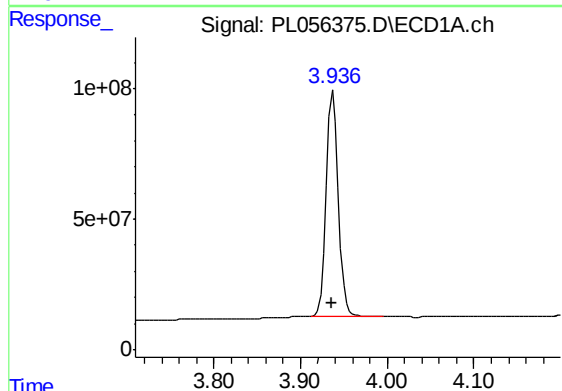
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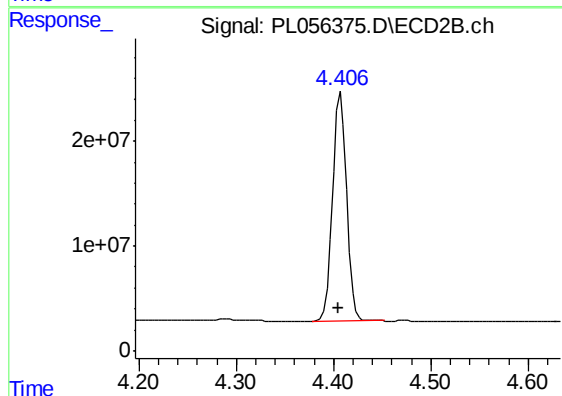
#1 Tetrachloro-m-xylene

R.T.: 4.017 min  
Delta R.T.: 0.000 min  
Response: 142706148  
Conc: 48.80 ng/ml



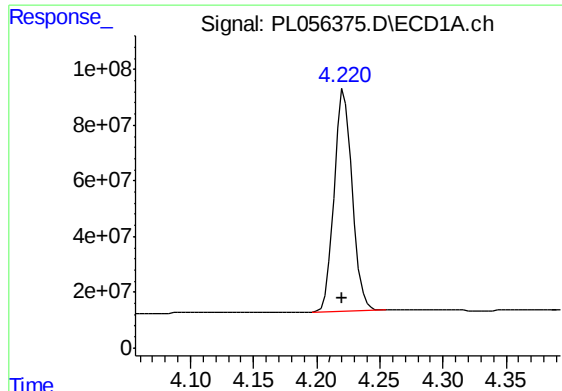
#2 alpha-BHC

R.T.: 3.938 min  
Delta R.T.: 0.002 min  
Response: 839020353  
Conc: 47.08 ng/ml



#2 alpha-BHC

R.T.: 4.407 min  
Delta R.T.: 0.002 min  
Response: 220993142  
Conc: 50.49 ng/ml



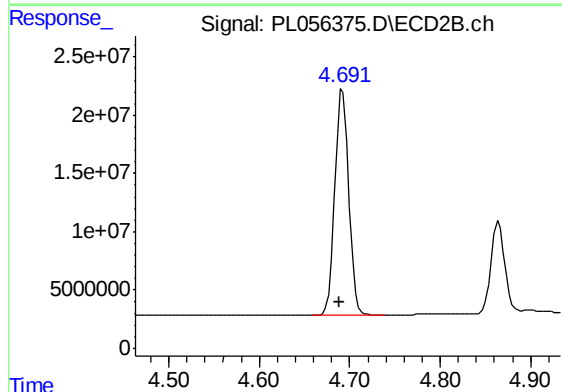
#3 gamma-BHC (Lindane)

R.T.: 4.222 min  
Delta R.T.: 0.001 min  
Response: 794902667  
Conc: 48.55 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

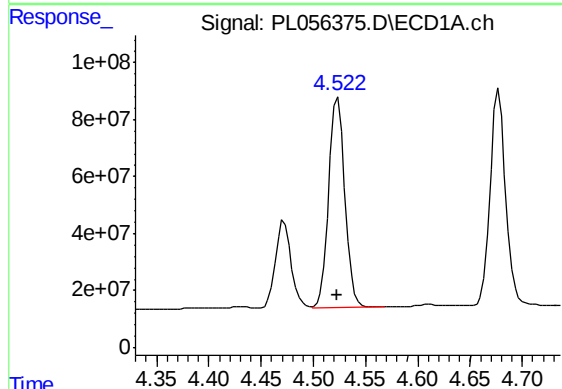
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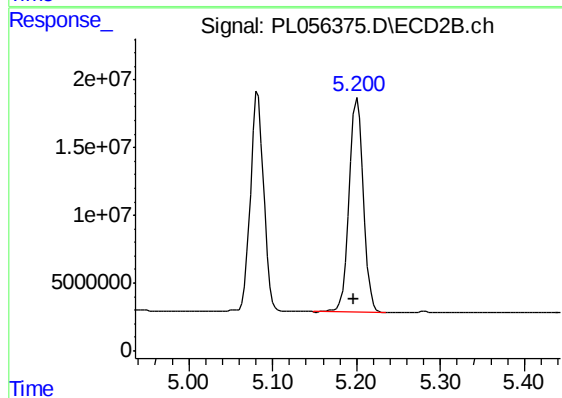
#3 gamma-BHC (Lindane)

R.T.: 4.693 min  
Delta R.T.: 0.003 min  
Response: 205601067  
Conc: 50.14 ng/ml



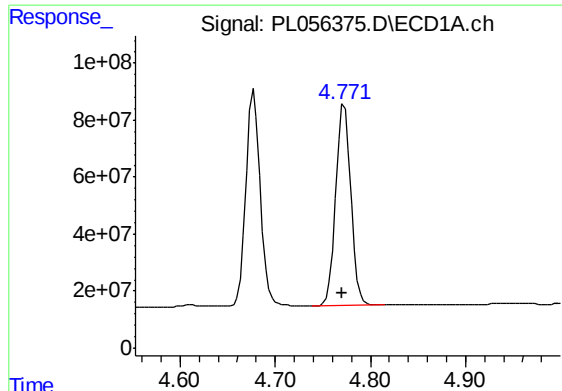
#4 Heptachlor

R.T.: 4.524 min  
Delta R.T.: 0.001 min  
Response: 794015709  
Conc: 49.46 ng/ml



#4 Heptachlor

R.T.: 5.201 min  
Delta R.T.: 0.004 min  
Response: 184650981  
Conc: 51.61 ng/ml



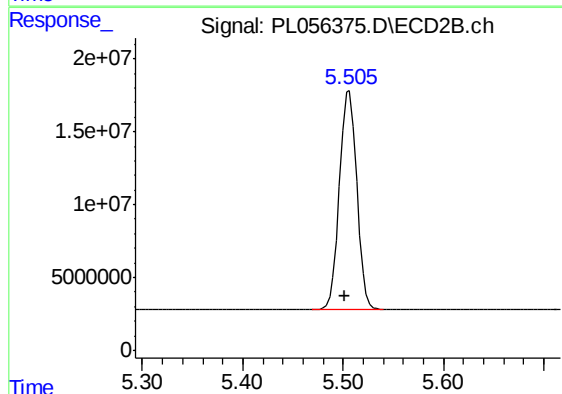
#5 Aldrin

R.T.: 4.772 min  
Delta R.T.: 0.002 min  
Response: 781965613  
Conc: 48.07 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

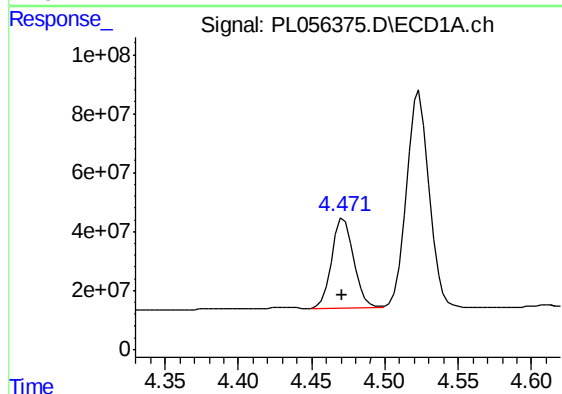
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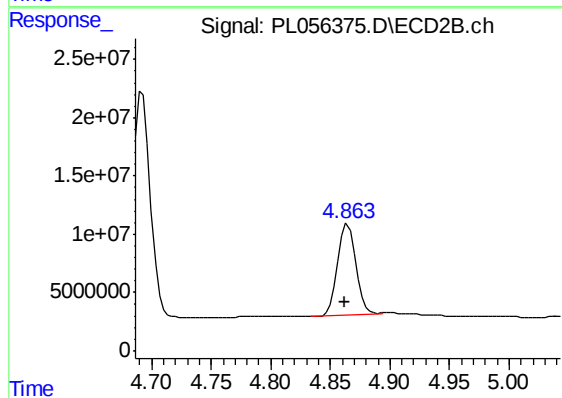
#5 Aldrin

R.T.: 5.506 min  
Delta R.T.: 0.005 min  
Response: 178241462  
Conc: 50.71 ng/ml



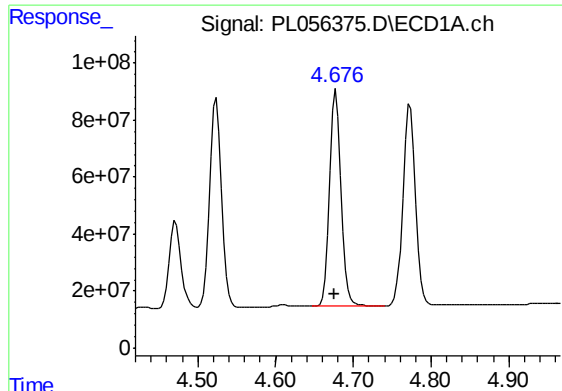
#6 beta-BHC

R.T.: 4.472 min  
Delta R.T.: 0.002 min  
Response: 316193377  
Conc: 48.00 ng/ml



#6 beta-BHC

R.T.: 4.865 min  
Delta R.T.: 0.003 min  
Response: 81393707  
Conc: 49.65 ng/ml



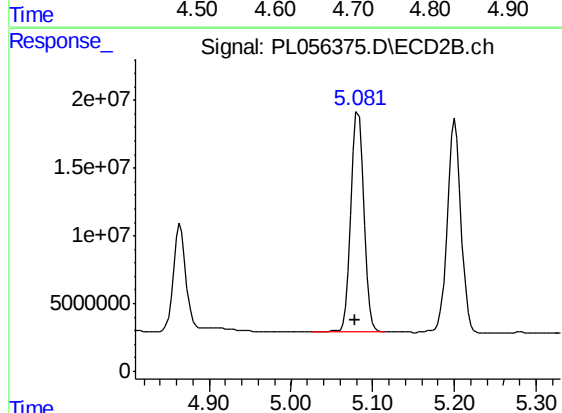
#7 delta-BHC

R.T.: 4.678 min  
Delta R.T.: 0.001 min  
Response: 789263476  
Conc: 49.23 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

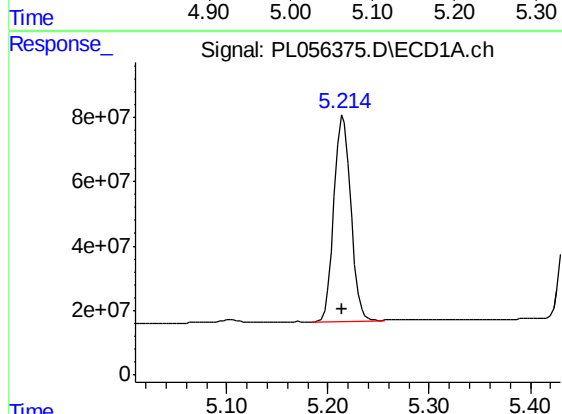
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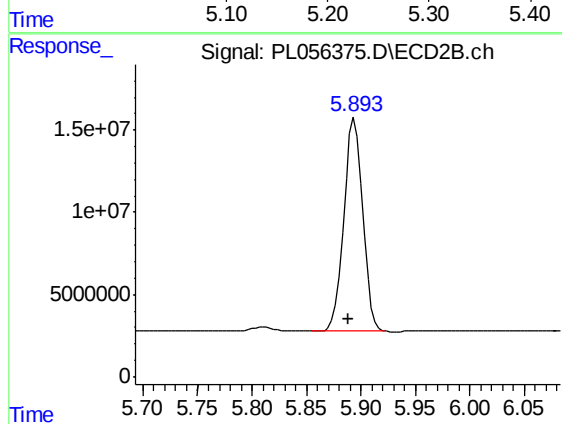
#7 delta-BHC

R.T.: 5.082 min  
Delta R.T.: 0.004 min  
Response: 177077597  
Conc: 55.21 ng/ml



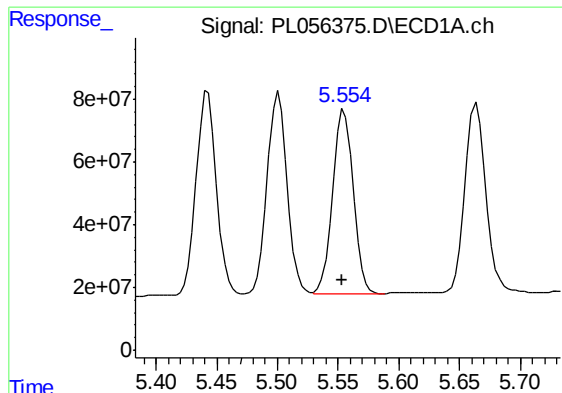
#8 Heptachlor epoxide

R.T.: 5.215 min  
Delta R.T.: 0.002 min  
Response: 738626670  
Conc: 48.02 ng/ml



#8 Heptachlor epoxide

R.T.: 5.894 min  
Delta R.T.: 0.006 min  
Response: 155607202  
Conc: 49.99 ng/ml



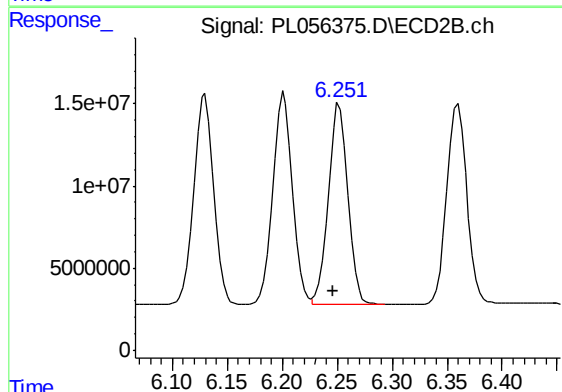
#9 Endosulfan I

R.T.: 5.555 min  
Delta R.T.: 0.002 min  
Response: 694605294  
Conc: 47.87 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

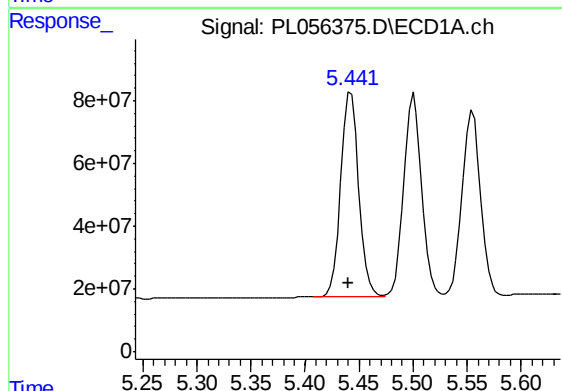
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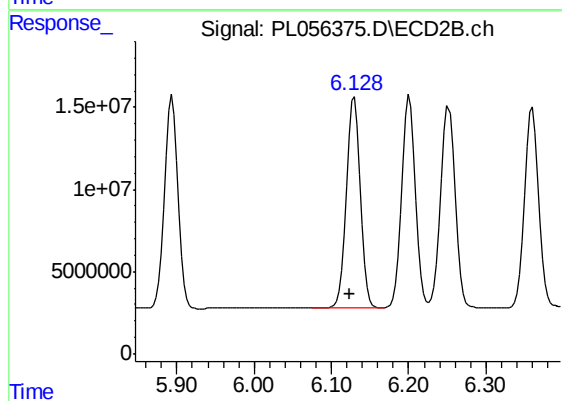
#9 Endosulfan I

R.T.: 6.252 min  
Delta R.T.: 0.006 min  
Response: 150972039  
Conc: 50.45 ng/ml



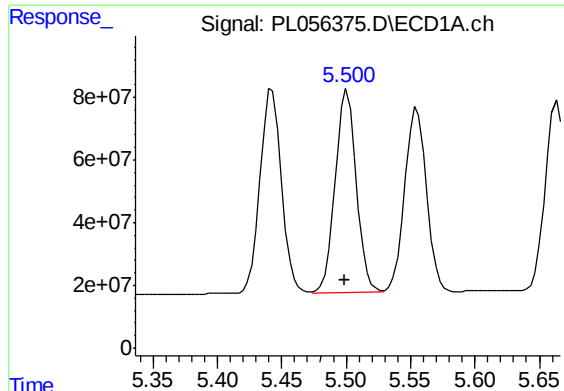
#10 gamma-Chlordane

R.T.: 5.443 min  
Delta R.T.: 0.002 min  
Response: 757060830  
Conc: 48.27 ng/ml



#10 gamma-Chlordane

R.T.: 6.130 min  
Delta R.T.: 0.006 min  
Response: 161403626  
Conc: 50.75 ng/ml



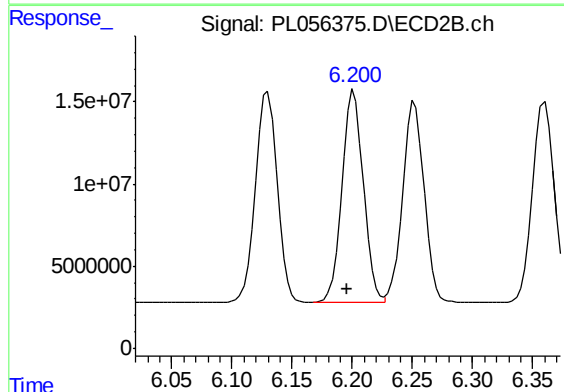
#11 alpha-Chlordane

R.T.: 5.501 min  
Delta R.T.: 0.002 min  
Response: 741797689  
Conc: 48.22 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

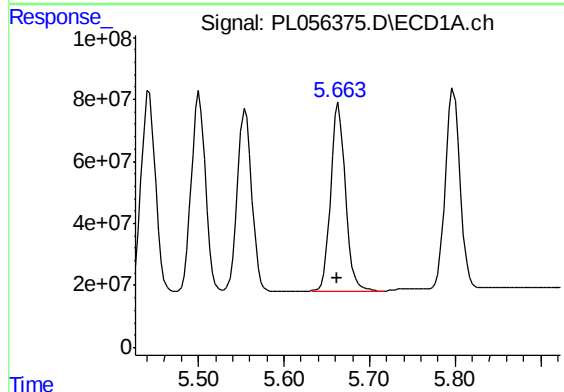
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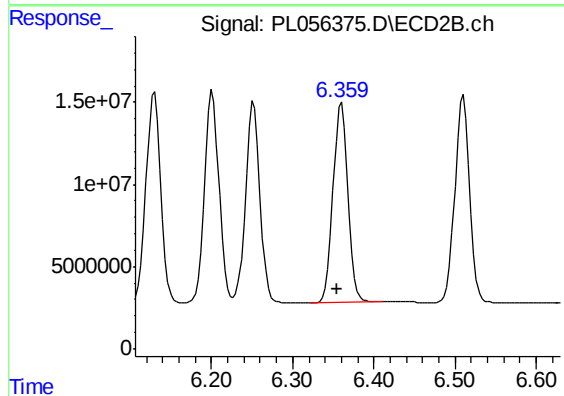
#11 alpha-Chlordane

R.T.: 6.201 min  
Delta R.T.: 0.005 min  
Response: 159831220  
Conc: 50.42 ng/ml



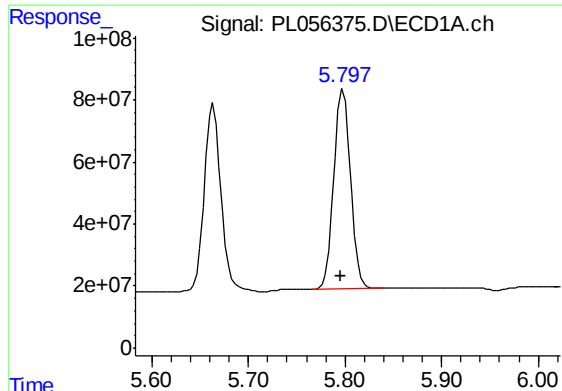
#12 4,4'-DDE

R.T.: 5.664 min  
Delta R.T.: 0.001 min  
Response: 728506620  
Conc: 50.26 ng/ml



#12 4,4'-DDE

R.T.: 6.360 min  
Delta R.T.: 0.005 min  
Response: 155030612  
Conc: 51.76 ng/ml



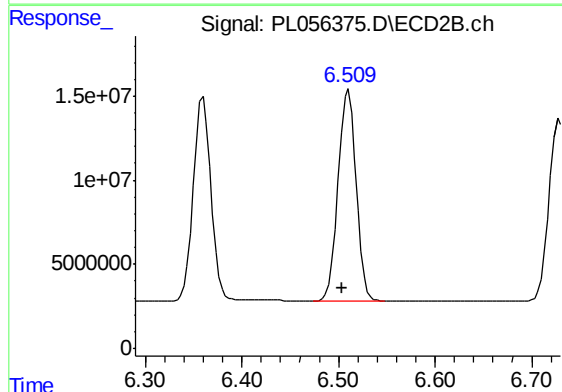
#13 Dieldrin

R.T.: 5.798 min  
Delta R.T.: 0.002 min  
Response: 758730599  
Conc: 49.33 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

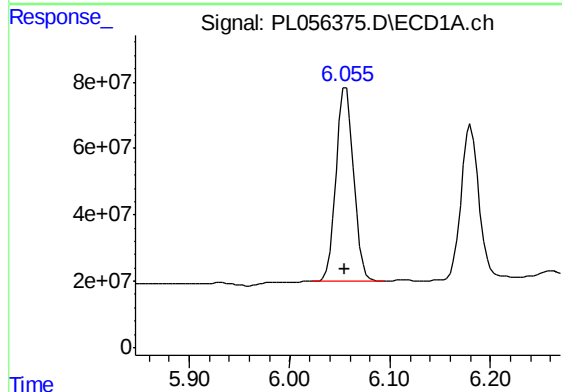
Manual Integrations  
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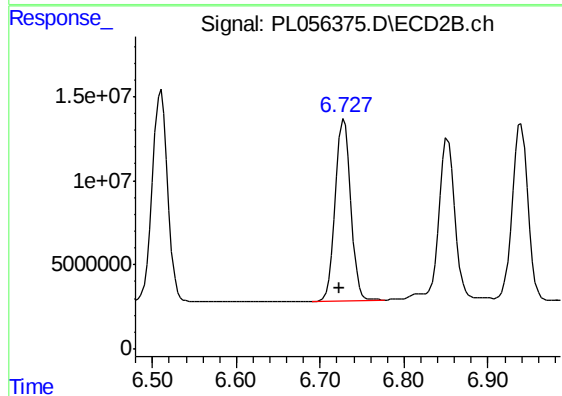
#13 Dieldrin

R.T.: 6.510 min  
Delta R.T.: 0.006 min  
Response: 159658220  
Conc: 51.44 ng/ml



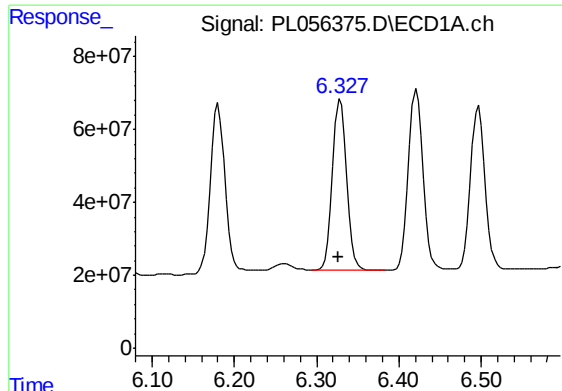
#14 Endrin

R.T.: 6.056 min  
Delta R.T.: 0.002 min  
Response: 710327478  
Conc: 50.55 ng/ml



#14 Endrin

R.T.: 6.729 min  
Delta R.T.: 0.006 min  
Response: 138223324  
Conc: 52.74 ng/ml



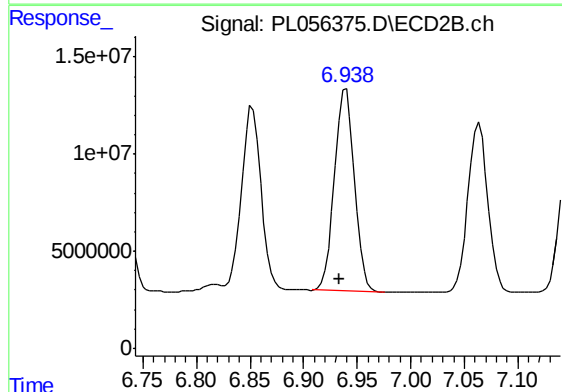
#15 Endosulfan II

R.T.: 6.329 min  
Delta R.T.: 0.002 min  
Response: 559962699  
Conc: 42.82 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

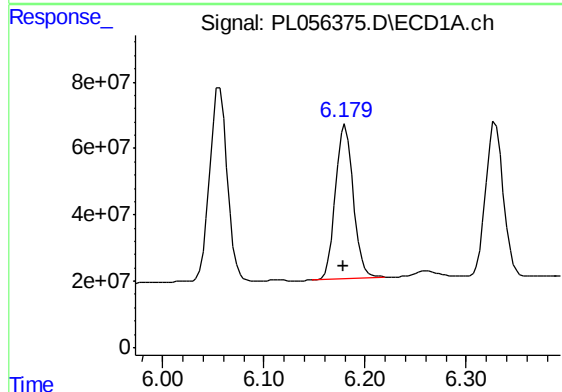
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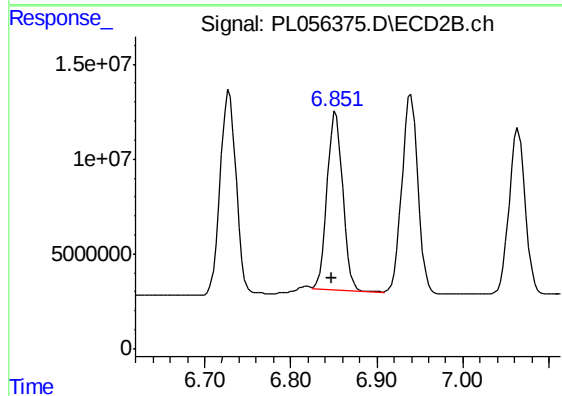
#15 Endosulfan II

R.T.: 6.940 min  
Delta R.T.: 0.006 min  
Response: 134499240  
Conc: 49.96 ng/ml



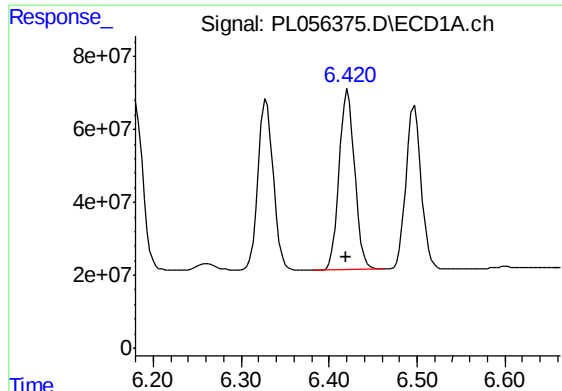
#16 4,4'-DDD

R.T.: 6.181 min  
Delta R.T.: 0.002 min  
Response: 565828298  
Conc: 52.64 ng/ml



#16 4,4'-DDD

R.T.: 6.852 min  
Delta R.T.: 0.005 min  
Response: 118466223  
Conc: 50.21 ng/ml



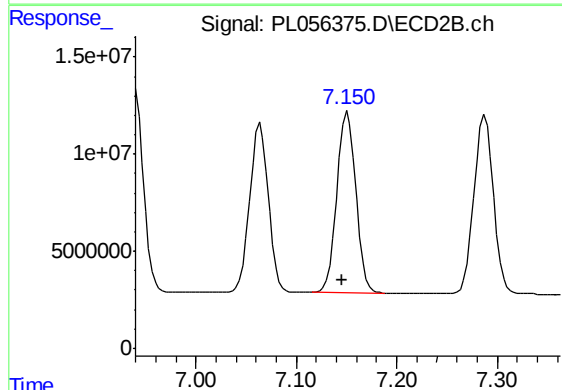
#17 4,4'-DDT

R.T.: 6.421 min  
Delta R.T.: 0.003 min  
Response: 613310442  
Conc: 56.12 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

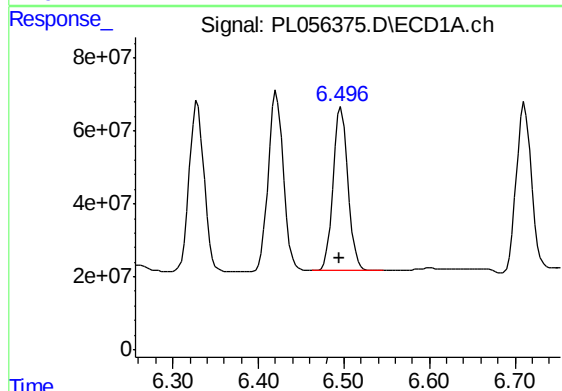
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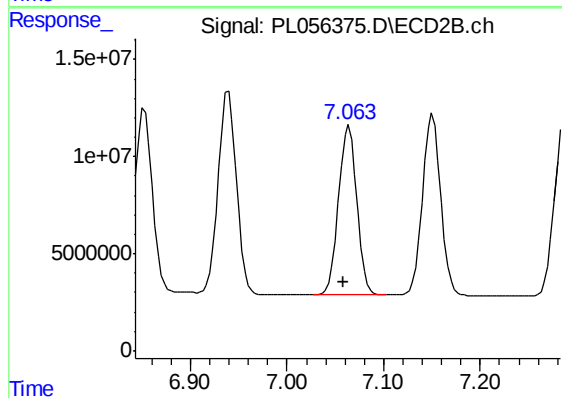
#17 4,4'-DDT

R.T.: 7.151 min  
Delta R.T.: 0.005 min  
Response: 121558727  
Conc: 52.95 ng/ml



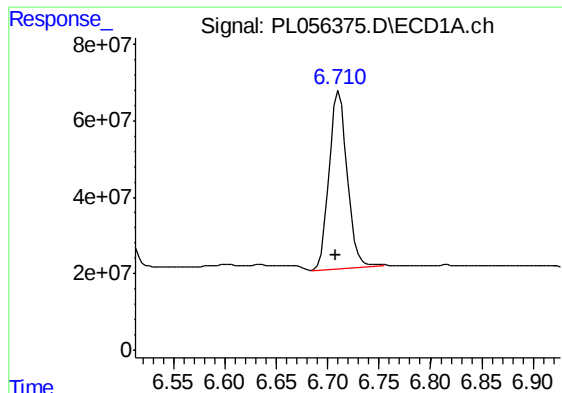
#18 Endrin aldehyde

R.T.: 6.497 min  
Delta R.T.: 0.002 min  
Response: 543852350  
Conc: 49.71 ng/ml



#18 Endrin aldehyde

R.T.: 7.064 min  
Delta R.T.: 0.006 min  
Response: 112917071  
Conc: 49.74 ng/ml



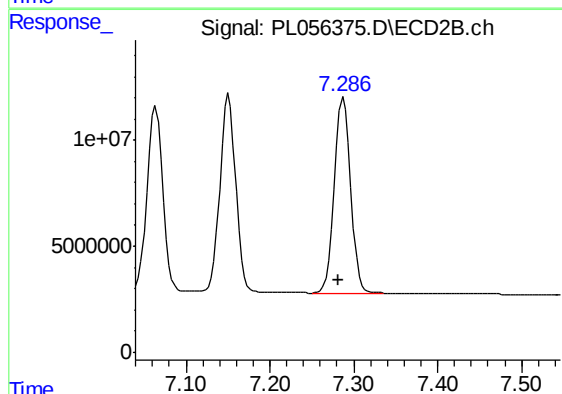
#19 Endosulfan Sulfate

R.T.: 6.710 min  
Delta R.T.: 0.002 min  
Response: 568369926  
Conc: 46.75 ng/ml m

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

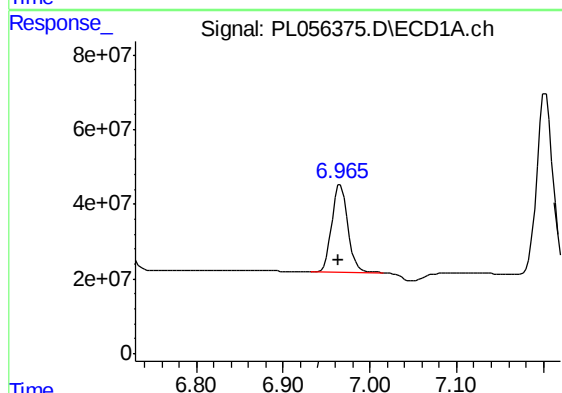
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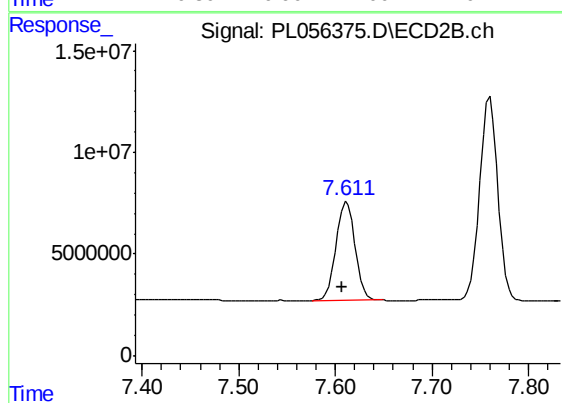
#19 Endosulfan Sulfate

R.T.: 7.288 min  
Delta R.T.: 0.006 min  
Response: 124164610  
Conc: 49.06 ng/ml



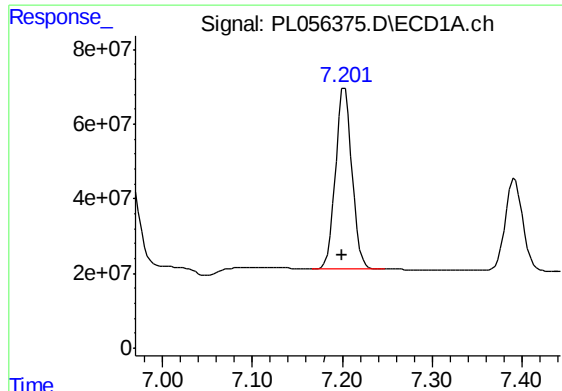
#20 Methoxychlor

R.T.: 6.966 min  
Delta R.T.: 0.003 min  
Response: 301529868  
Conc: 56.76 ng/ml



#20 Methoxychlor

R.T.: 7.612 min  
Delta R.T.: 0.005 min  
Response: 65150466  
Conc: 53.14 ng/ml



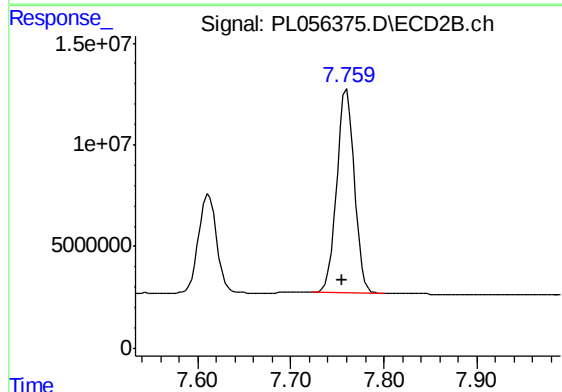
#21 Endrin ketone

R.T.: 7.203 min  
Delta R.T.: 0.003 min  
Response: 616144206  
Conc: 47.09 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

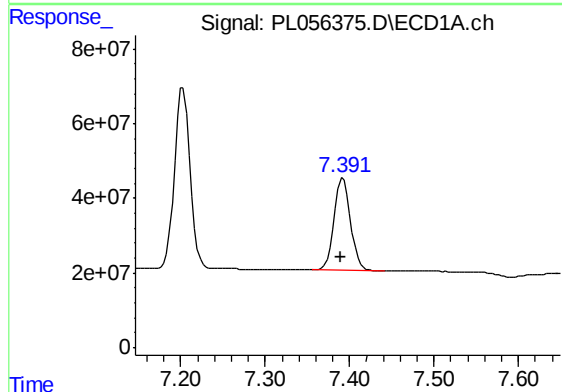
Manual Integrations  
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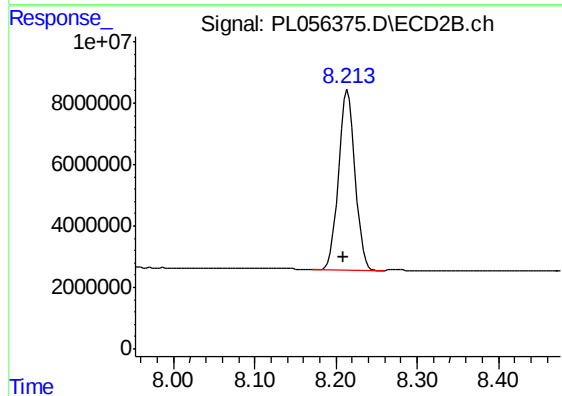
#21 Endrin ketone

R.T.: 7.760 min  
Delta R.T.: 0.005 min  
Response: 131235780  
Conc: 49.21 ng/ml



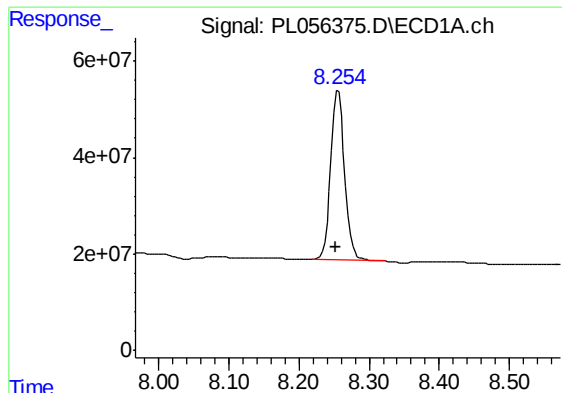
#22 Mirex

R.T.: 7.392 min  
Delta R.T.: 0.003 min  
Response: 332927403  
Conc: 36.03 ng/ml



#22 Mirex

R.T.: 8.215 min  
Delta R.T.: 0.005 min  
Response: 83245071  
Conc: 45.79 ng/ml



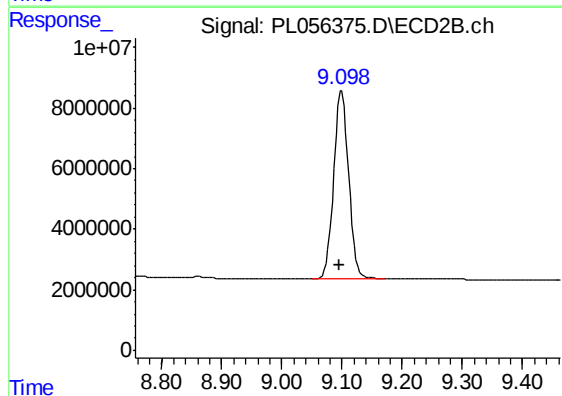
#28 Decachlorobiphenyl

R.T.: 8.256 min  
Delta R.T.: 0.004 min  
Response: 478654093  
Conc: 45.46 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

Manual Integrations  
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#28 Decachlorobiphenyl

R.T.: 9.099 min  
Delta R.T.: 0.003 min  
Response: 108038115  
Conc: 47.76 ng/ml