

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL011019\  
 Data File : PL043769.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 10 Jan 2019 19:06  
 Operator : AJ\SJ  
 Sample : K1099-01MSD  
 Misc :  
 ALS Vial : 22 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 TP-15MSD

Manual Integrations  
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Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Jan 11 00:00:01 2019  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL011019.M  
 Quant Title : GC Extractables  
 QLast Update : Thu Jan 10 23:34:12 2019  
 Response via : Initial Calibration  
 Integrator: ChemStation

Volume Inj. : 2 µl  
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2  
 Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x0.25µm

|                             | Compound        | RT#1  | RT#2  | Resp#1   | Resp#2   | ng/ml   | ng/ml   |
|-----------------------------|-----------------|-------|-------|----------|----------|---------|---------|
| -----                       |                 |       |       |          |          |         |         |
| System Monitoring Compounds |                 |       |       |          |          |         |         |
| 1)                          | SA Tetrachlo... | 3.567 | 4.008 | 58265993 | 26326907 | 14.790  | 15.819  |
| 28)                         | SA Decachlor... | 8.299 | 9.083 | 46295585 | 13583096 | 9.425   | 10.104  |
| Target Compounds            |                 |       |       |          |          |         |         |
| 2)                          | A alpha-BHC     | 4.008 | 4.400 | 258.5E6  | 94268955 | 42.360  | 41.782  |
| 3)                          | MA gamma-BHC... | 4.293 | 4.685 | 238.5E6  | 89584774 | 43.537  | 41.837  |
| 4)                          | MA Heptachlor   | 4.589 | 5.193 | 215.9E6  | 82182818 | 41.304m | 42.797m |
| 5)                          | MB Aldrin       | 4.838 | 5.500 | 198.1E6  | 68497126 | 36.937  | 35.469  |
| 6)                          | B beta-BHC      | 4.545 | 4.856 | 93671725 | 39469166 | 40.338  | 43.662  |
| 7)                          | B delta-BHC     | 4.750 | 5.073 | 183.7E6  | 58693247 | 36.359  | 31.575  |
| 8)                          | B Heptachlor... | 5.282 | 5.887 | 207.6E6  | 68109225 | 41.516  | 37.512  |
| 9)                          | A Endosulfan I  | 5.621 | 6.244 | 190.3E6  | 67336364 | 41.160  | 40.404  |
| 10)                         | B gamma-Chl...  | 5.507 | 6.121 | 192.8E6  | 67907576 | 37.984  | 37.632  |
| 11)                         | B alpha-Chl...  | 5.565 | 6.194 | 190.7E6  | 68093484 | 38.352  | 38.324  |
| 12)                         | B 4,4'-DDE      | 5.727 | 6.351 | 158.7E6  | 55127525 | 35.752  | 35.866  |
| 13)                         | MA Dieldrin     | 5.862 | 6.501 | 200.3E6  | 69314803 | 40.165  | 40.778  |
| 14)                         | MA Endrin       | 6.120 | 6.719 | 172.0E6  | 57594858 | 39.880  | 42.186  |
| 15)                         | B Endosulfa...  | 6.392 | 6.928 | 176.7E6  | 61251495 | 40.415m | 42.348  |
| 16)                         | A 4,4'-DDD      | 6.243 | 6.841 | 136.4E6  | 48188607 | 36.773  | 38.719  |
| 17)                         | MA 4,4'-DDT     | 6.481 | 7.139 | 125.9E6  | 47098376 | 33.389  | 34.990  |
| 18)                         | B Endrin al...  | 6.560 | 7.052 | 139.0E6  | 51114493 | 37.410  | 41.319  |
| 19)                         | B Endosulfa...  | 6.772 | 7.274 | 154.1E6  | 56971183 | 34.567  | 38.859  |
| 20)                         | A Methoxychlor  | 7.023 | 7.597 | 71793784 | 26517478 | 35.559  | 40.071  |
| 21)                         | B Endrin ke...  | 7.261 | 7.745 | 196.5E6  | 64356154 | 37.891  | 40.013  |
| -----                       |                 |       |       |          |          |         |         |

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL011019\  
Data File : PL043769.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 10 Jan 2019 19:06  
Operator : AJ\SJ  
Sample : K1099-01MSD  
Misc :  
ALS Vial : 22 Sample Multiplier: 1

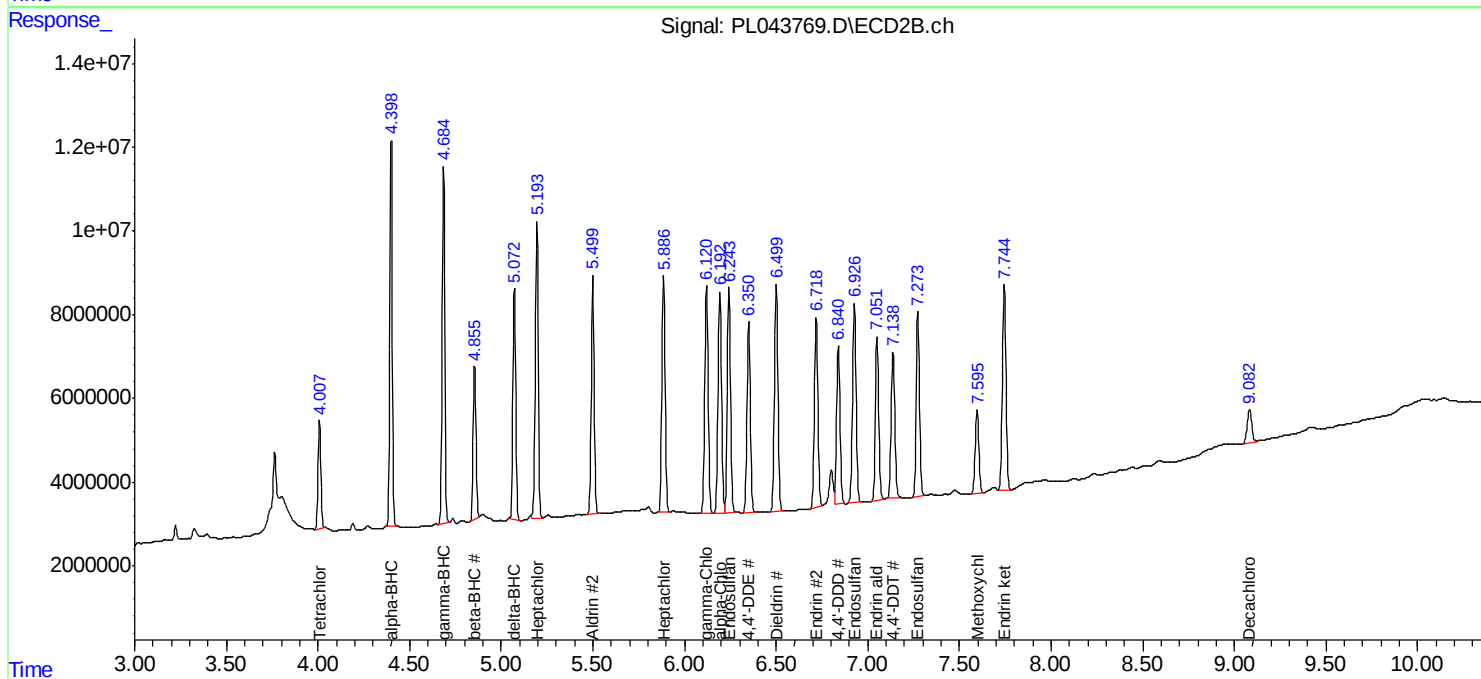
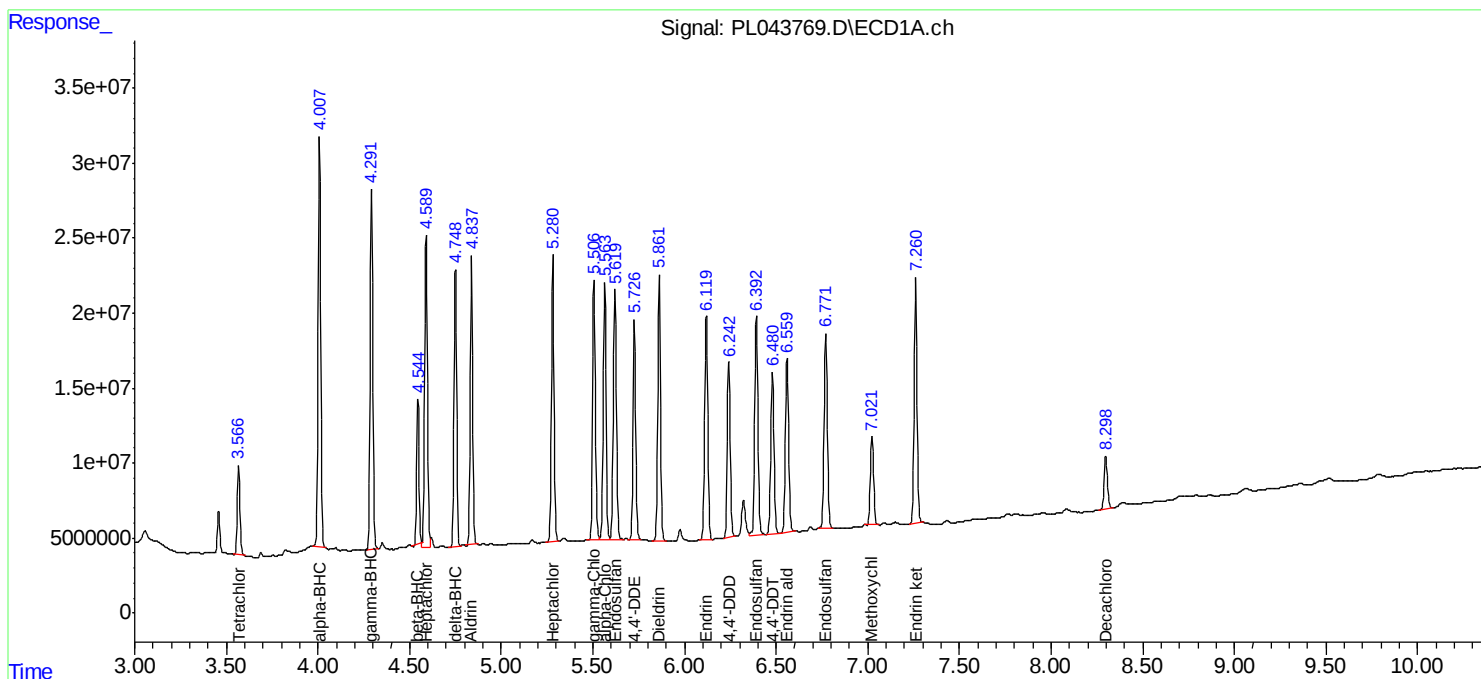
Instrument :  
ECD\_L  
ClientSampled :  
TP-15MSD

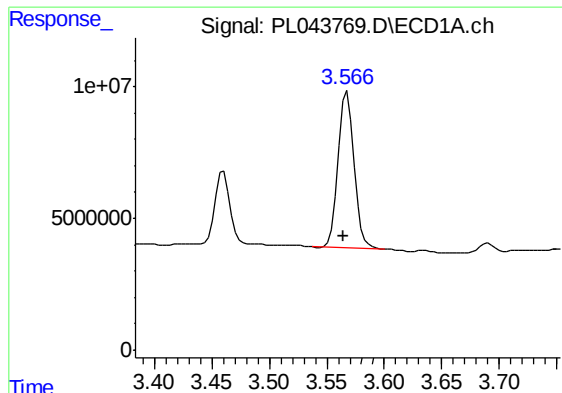
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Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Jan 11 00:00:01 2019  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL011019.M  
Quant Title : GC Extractables  
QLast Update : Thu Jan 10 23:34:12 2019  
Response via : Initial Calibration  
Integrator: ChemStation

Volume Inj. : 2 µl  
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2  
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x0.25µm





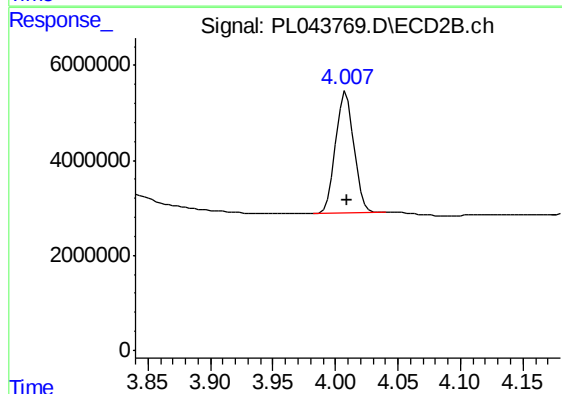
#1 Tetrachloro-m-xylene

R.T.: 3.567 min  
Delta R.T.: 0.003 min  
Response: 58265993  
Conc: 14.79 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
TP-15MSD

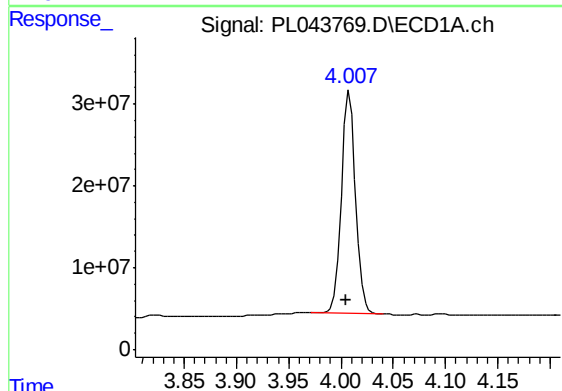
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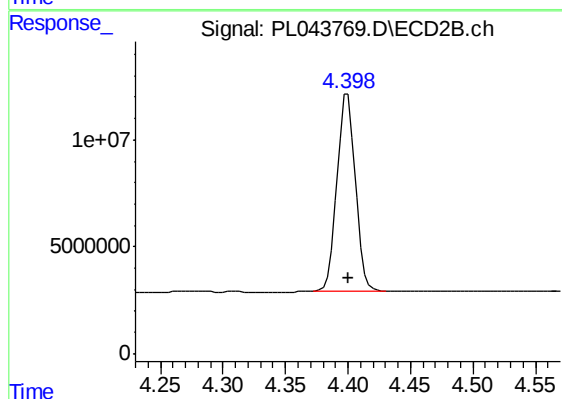
#1 Tetrachloro-m-xylene

R.T.: 4.008 min  
Delta R.T.: 0.000 min  
Response: 26326907  
Conc: 15.82 ng/ml



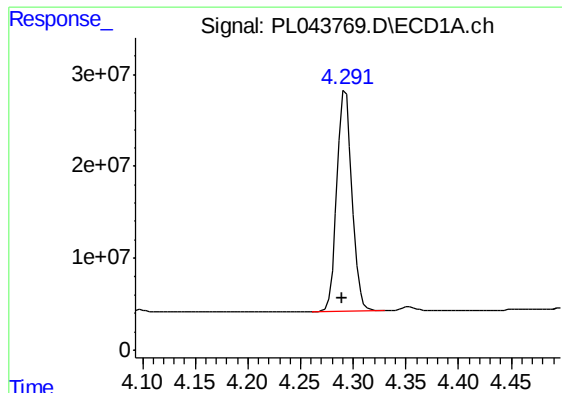
#2 alpha-BHC

R.T.: 4.008 min  
Delta R.T.: 0.003 min  
Response: 258531072  
Conc: 42.36 ng/ml



#2 alpha-BHC

R.T.: 4.400 min  
Delta R.T.: 0.000 min  
Response: 94268955  
Conc: 41.78 ng/ml



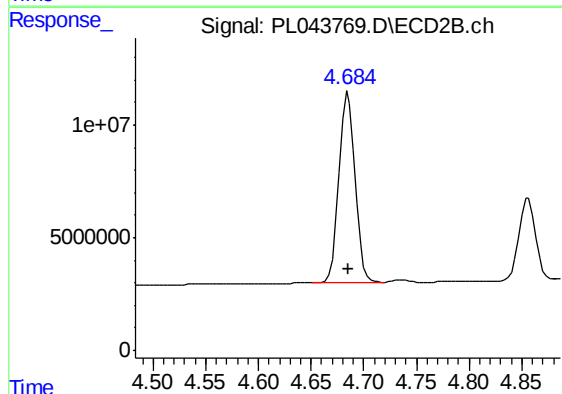
#3 gamma-BHC (Lindane)

R.T.: 4.293 min  
Delta R.T.: 0.003 min  
Response: 238530510  
Conc: 43.54 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
TP-15MSD

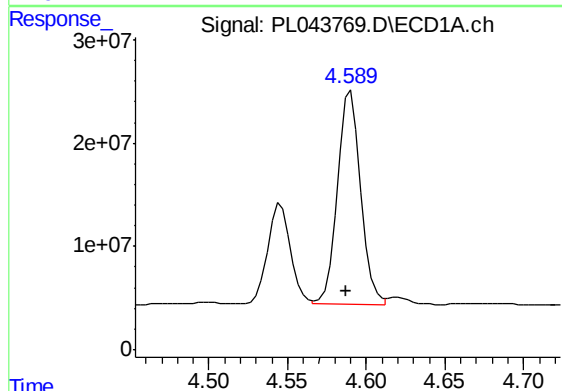
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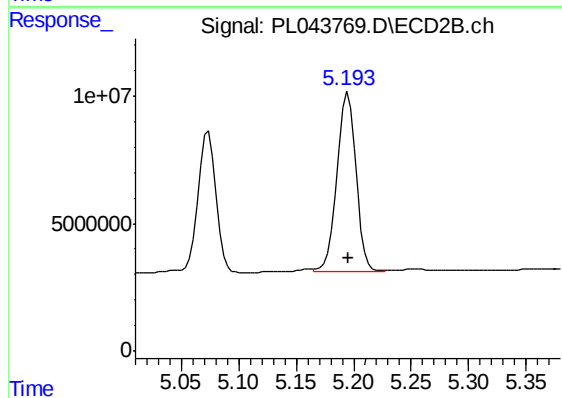
#3 gamma-BHC (Lindane)

R.T.: 4.685 min  
Delta R.T.: 0.000 min  
Response: 89584774  
Conc: 41.84 ng/ml



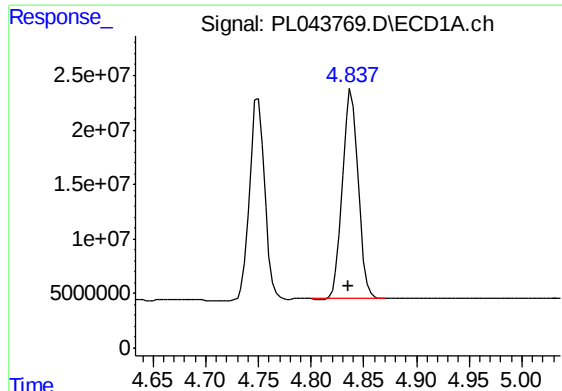
#4 Heptachlor

R.T.: 4.589 min  
Delta R.T.: 0.002 min  
Response: 215892594  
Conc: 41.30 ng/ml m



#4 Heptachlor

R.T.: 5.193 min  
Delta R.T.: -0.002 min  
Response: 82182818  
Conc: 42.80 ng/ml m



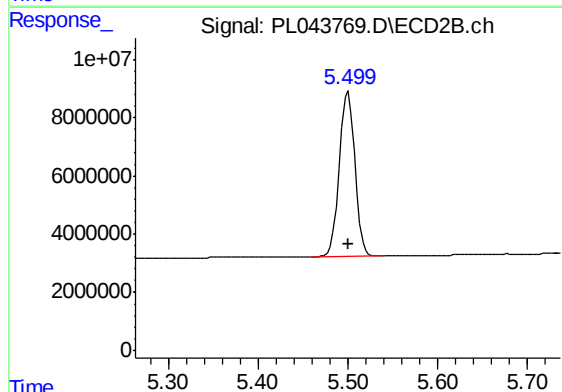
#5 Aldrin

R.T.: 4.838 min  
Delta R.T.: 0.002 min  
Response: 198108149  
Conc: 36.94 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
TP-15MSD

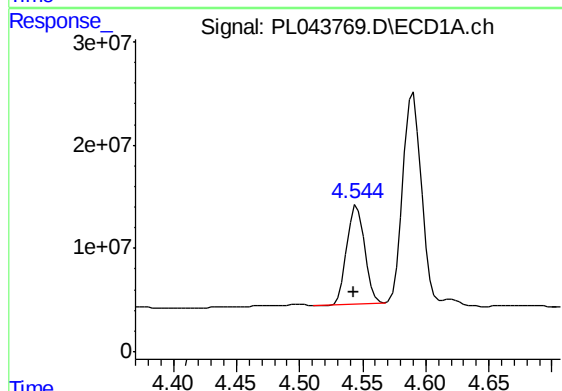
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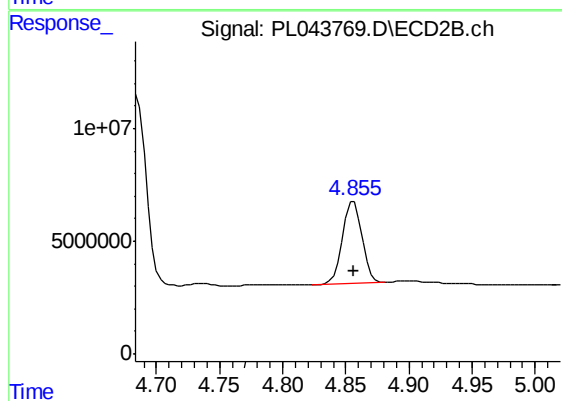
#5 Aldrin

R.T.: 5.500 min  
Delta R.T.: 0.000 min  
Response: 68497126  
Conc: 35.47 ng/ml



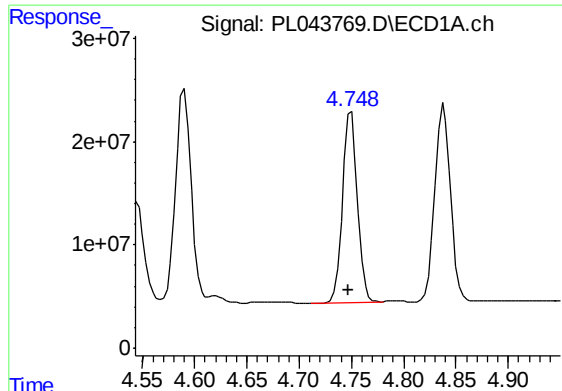
#6 beta-BHC

R.T.: 4.545 min  
Delta R.T.: 0.002 min  
Response: 93671725  
Conc: 40.34 ng/ml



#6 beta-BHC

R.T.: 4.856 min  
Delta R.T.: 0.000 min  
Response: 39469166  
Conc: 43.66 ng/ml



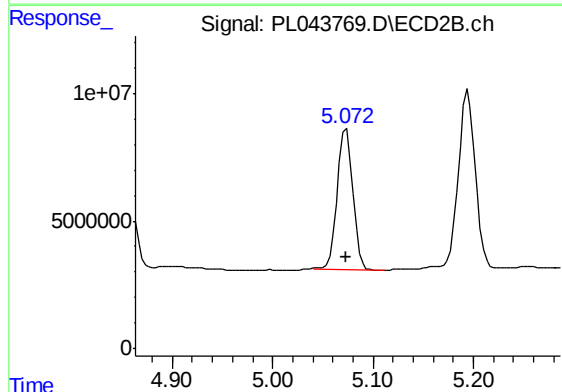
#7 delta-BHC

R.T.: 4.750 min  
Delta R.T.: 0.003 min  
Response: 183717917  
Conc: 36.36 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
TP-15MSD

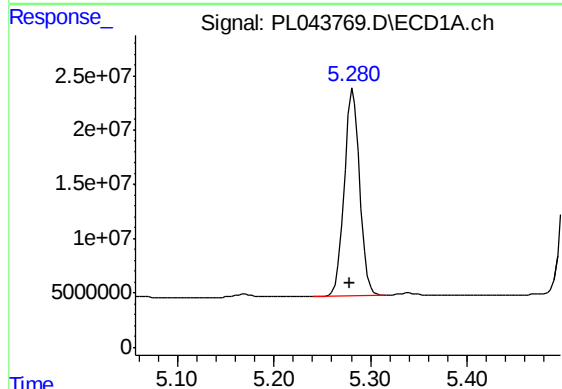
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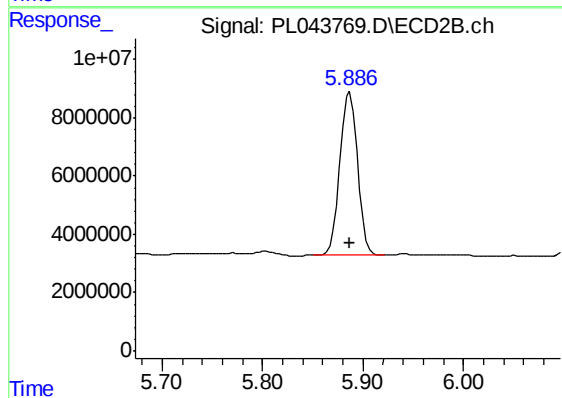
#7 delta-BHC

R.T.: 5.073 min  
Delta R.T.: 0.000 min  
Response: 58693247  
Conc: 31.57 ng/ml



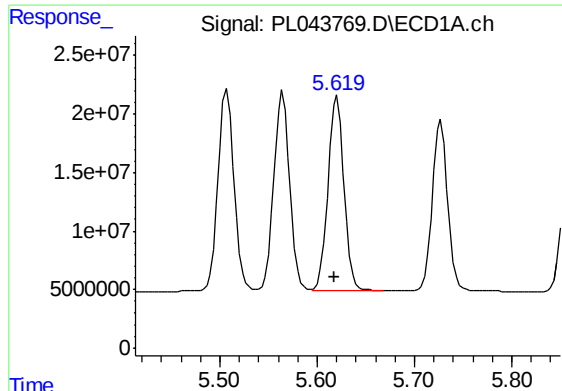
#8 Heptachlor epoxide

R.T.: 5.282 min  
Delta R.T.: 0.003 min  
Response: 207637835  
Conc: 41.52 ng/ml



#8 Heptachlor epoxide

R.T.: 5.887 min  
Delta R.T.: 0.000 min  
Response: 68109225  
Conc: 37.51 ng/ml



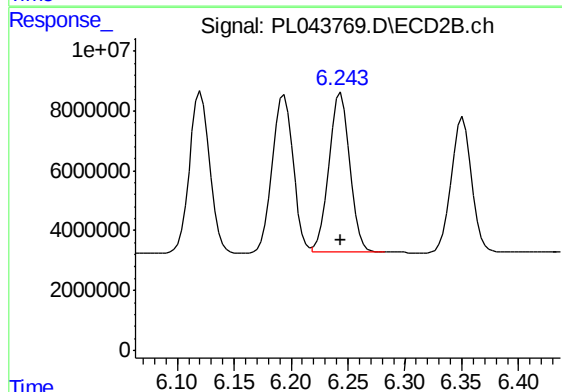
#9 Endosulfan I

R.T.: 5.621 min  
Delta R.T.: 0.003 min  
Response: 190313977  
Conc: 41.16 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
TP-15MSD

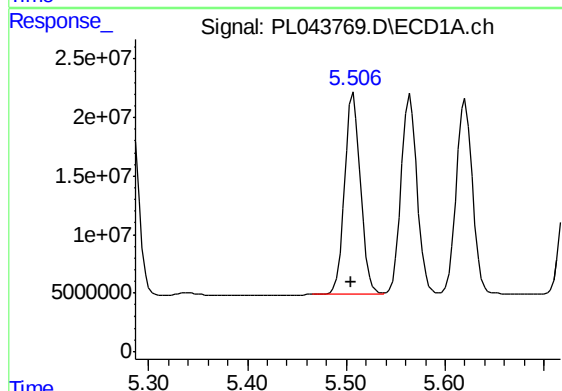
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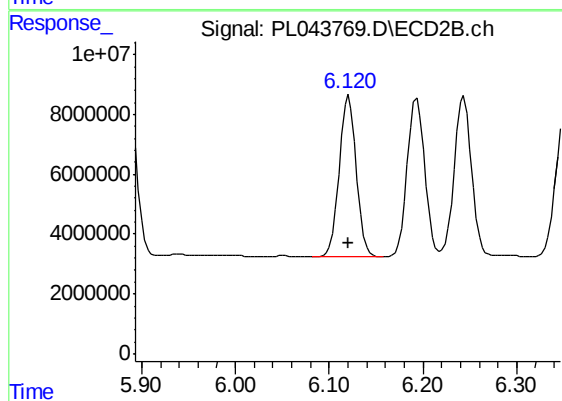
#9 Endosulfan I

R.T.: 6.244 min  
Delta R.T.: 0.000 min  
Response: 67336364  
Conc: 40.40 ng/ml



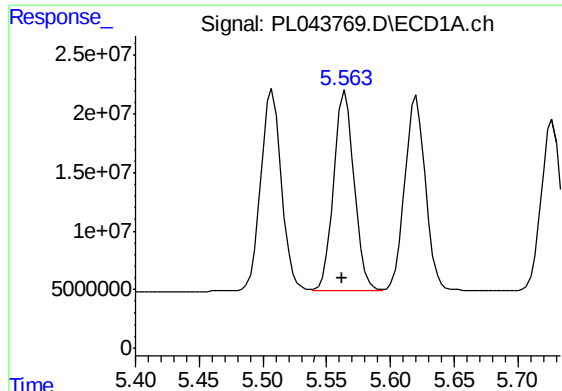
#10 gamma-Chlordane

R.T.: 5.507 min  
Delta R.T.: 0.002 min  
Response: 192846549  
Conc: 37.98 ng/ml



#10 gamma-Chlordane

R.T.: 6.121 min  
Delta R.T.: 0.000 min  
Response: 67907576  
Conc: 37.63 ng/ml



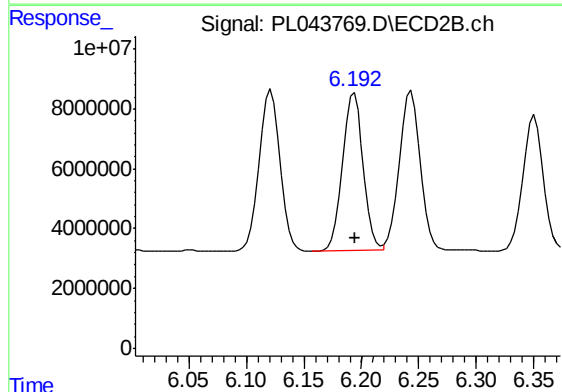
#11 alpha-Chlordane

R.T.: 5.565 min  
Delta R.T.: 0.003 min  
Response: 190725442  
Conc: 38.35 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
TP-15MSD

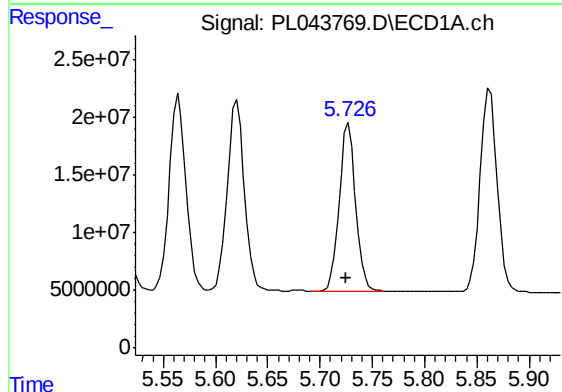
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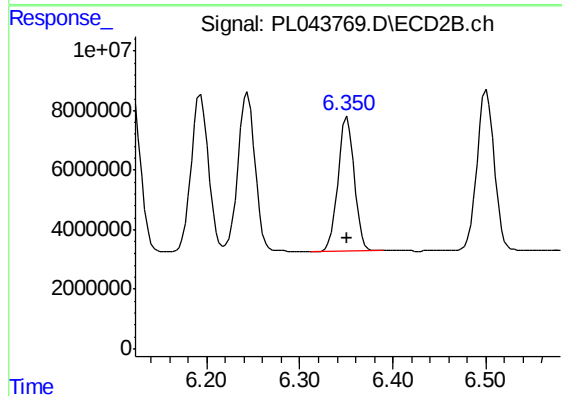
#11 alpha-Chlordane

R.T.: 6.194 min  
Delta R.T.: 0.000 min  
Response: 68093484  
Conc: 38.32 ng/ml



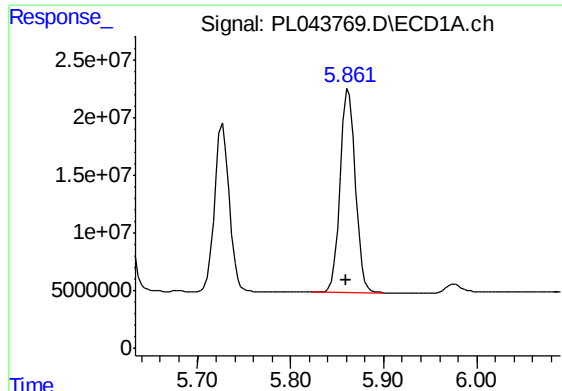
#12 4,4'-DDE

R.T.: 5.727 min  
Delta R.T.: 0.002 min  
Response: 158681418  
Conc: 35.75 ng/ml



#12 4,4'-DDE

R.T.: 6.351 min  
Delta R.T.: 0.000 min  
Response: 55127525  
Conc: 35.87 ng/ml



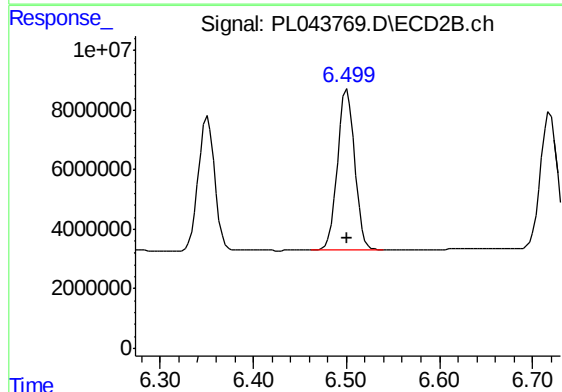
#13 Dielldrin

R.T.: 5.862 min  
Delta R.T.: 0.002 min  
Response: 200280379  
Conc: 40.16 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
TP-15MSD

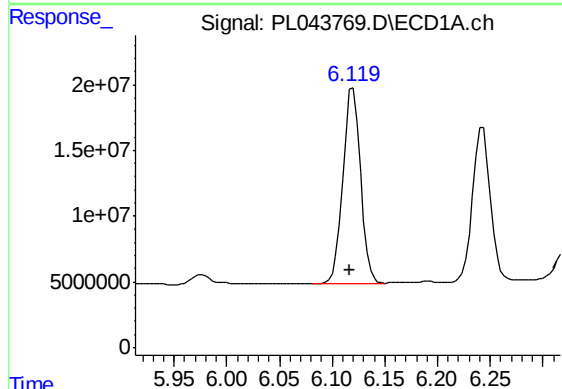
Manual Integrations  
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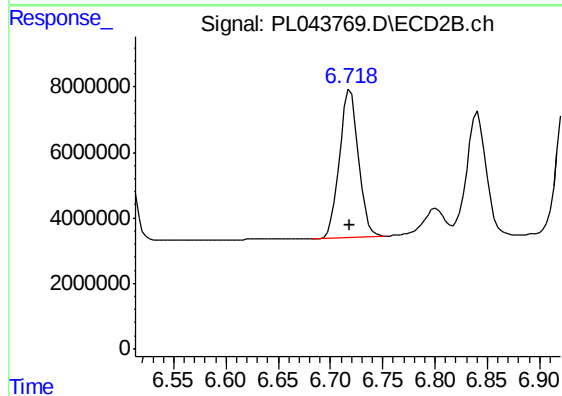
#13 Dielldrin

R.T.: 6.501 min  
Delta R.T.: 0.000 min  
Response: 69314803  
Conc: 40.78 ng/ml



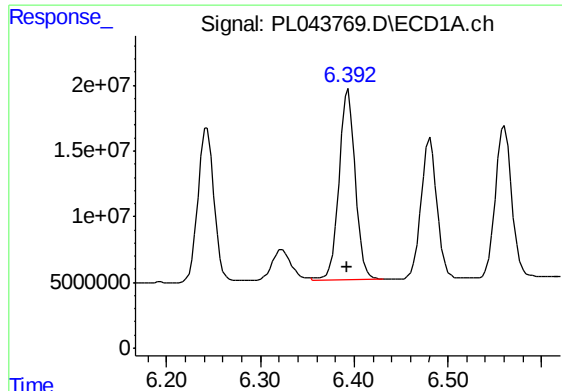
#14 Endrin

R.T.: 6.120 min  
Delta R.T.: 0.003 min  
Response: 171995348  
Conc: 39.88 ng/ml



#14 Endrin

R.T.: 6.719 min  
Delta R.T.: 0.000 min  
Response: 57594858  
Conc: 42.19 ng/ml



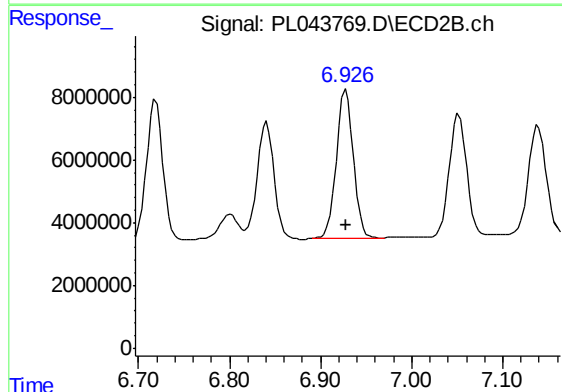
#15 Endosulfan II

R.T.: 6.392 min  
Delta R.T.: 0.000 min  
Response: 176650594  
Conc: 40.41 ng/ml m

Instrument :  
ECD\_L  
ClientSampleId :  
TP-15MSD

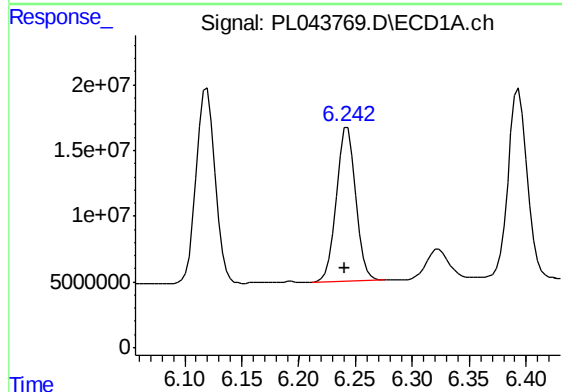
Manual Integrations  
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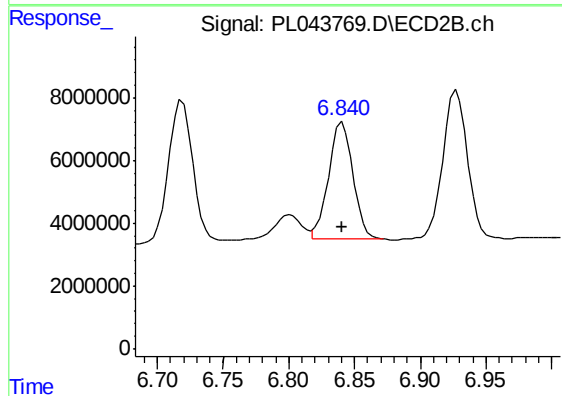
#15 Endosulfan II

R.T.: 6.928 min  
Delta R.T.: 0.000 min  
Response: 61251495  
Conc: 42.35 ng/ml



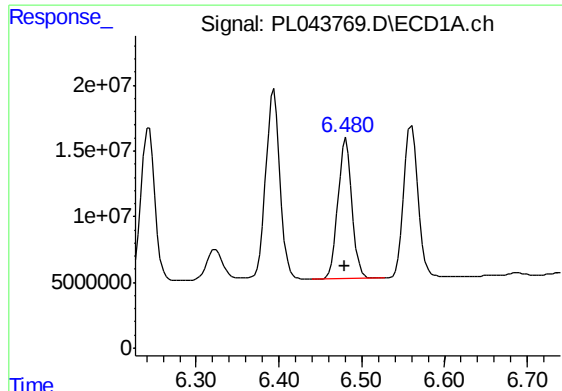
#16 4,4'-DDD

R.T.: 6.243 min  
Delta R.T.: 0.002 min  
Response: 136429136  
Conc: 36.77 ng/ml



#16 4,4'-DDD

R.T.: 6.841 min  
Delta R.T.: 0.000 min  
Response: 48188607  
Conc: 38.72 ng/ml



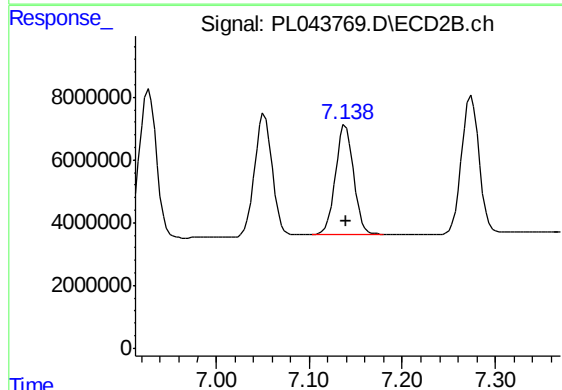
#17 4,4'-DDT

R.T.: 6.481 min  
Delta R.T.: 0.002 min  
Response: 125897026  
Conc: 33.39 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
TP-15MSD

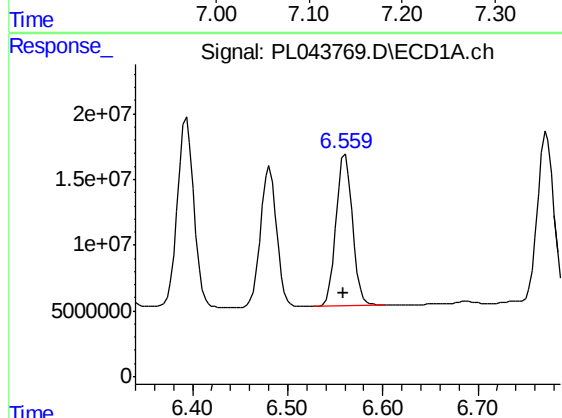
Manual Integrations  
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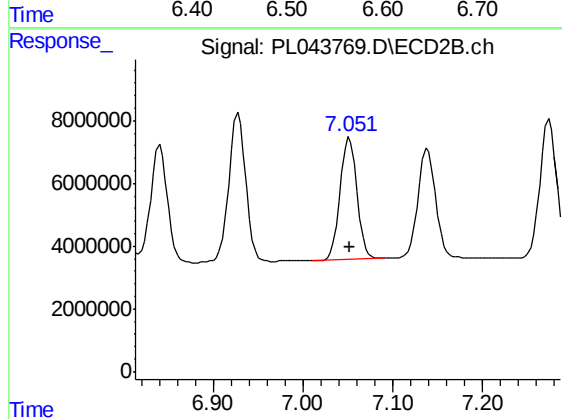
#17 4,4'-DDT

R.T.: 7.139 min  
Delta R.T.: 0.000 min  
Response: 47098376  
Conc: 34.99 ng/ml



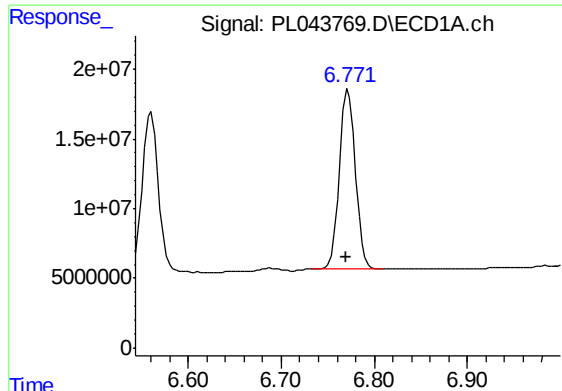
#18 Endrin aldehyde

R.T.: 6.560 min  
Delta R.T.: 0.002 min  
Response: 139016546  
Conc: 37.41 ng/ml



#18 Endrin aldehyde

R.T.: 7.052 min  
Delta R.T.: 0.000 min  
Response: 51114493  
Conc: 41.32 ng/ml



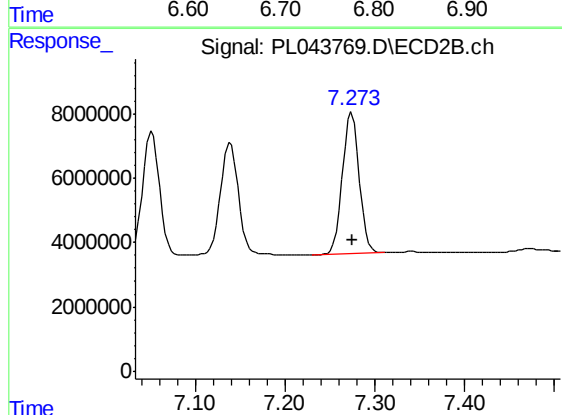
#19 Endosulfan Sulfate

R.T.: 6.772 min  
Delta R.T.: 0.002 min  
Response: 154090667  
Conc: 34.57 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
TP-15MSD

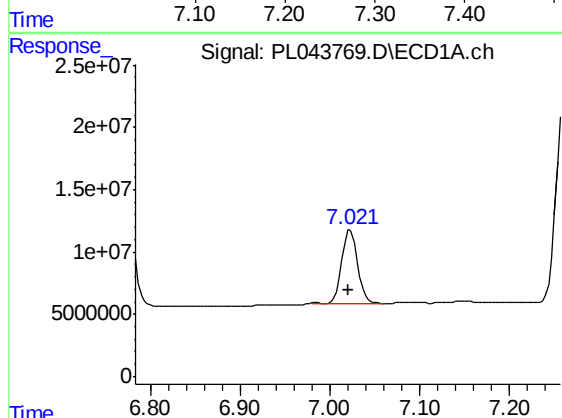
Manual Integrations  
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1/11/2019 10:20:17 AM



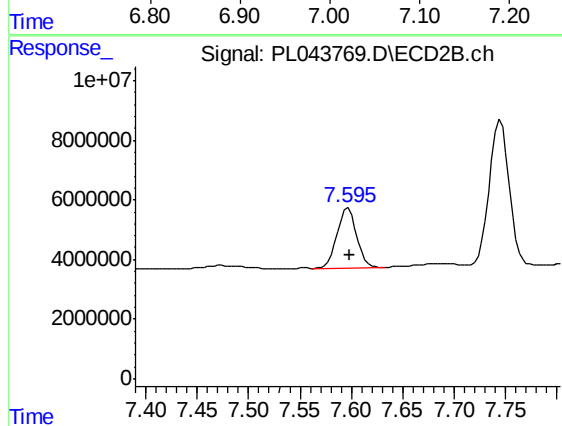
#19 Endosulfan Sulfate

R.T.: 7.274 min  
Delta R.T.: 0.000 min  
Response: 56971183  
Conc: 38.86 ng/ml



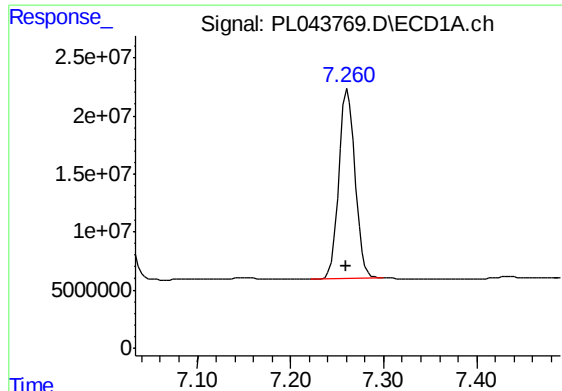
#20 Methoxychlor

R.T.: 7.023 min  
Delta R.T.: 0.002 min  
Response: 71793784  
Conc: 35.56 ng/ml



#20 Methoxychlor

R.T.: 7.597 min  
Delta R.T.: -0.001 min  
Response: 26517478  
Conc: 40.07 ng/ml



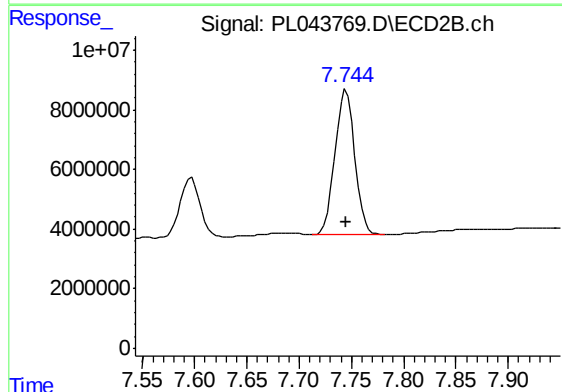
#21 Endrin ketone

R.T.: 7.261 min  
Delta R.T.: 0.002 min  
Response: 196457892  
Conc: 37.89 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
TP-15MSD

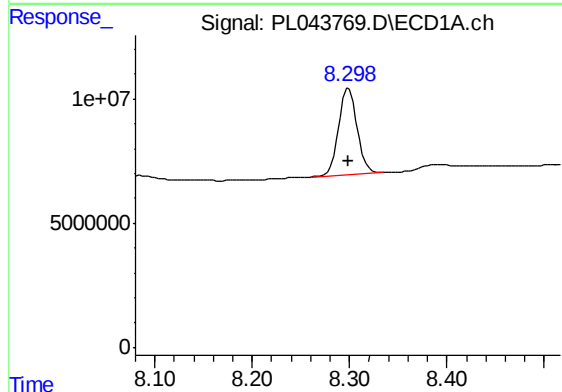
Manual Integrations  
APPROVED

Sohil  
1/11/2019 10:20:17 AM



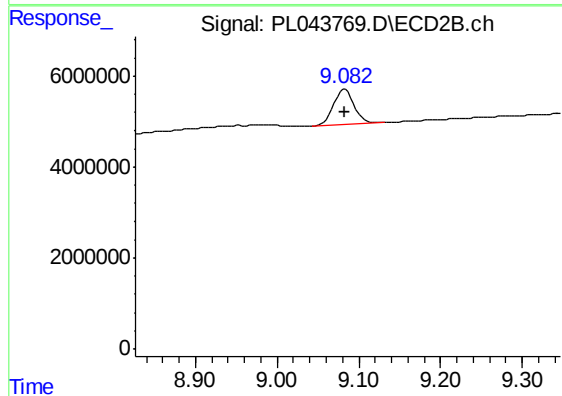
#21 Endrin ketone

R.T.: 7.745 min  
Delta R.T.: 0.000 min  
Response: 64356154  
Conc: 40.01 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.299 min  
Delta R.T.: 0.000 min  
Response: 46295585  
Conc: 9.42 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.083 min  
Delta R.T.: 0.000 min  
Response: 13583096  
Conc: 10.10 ng/ml