

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL121418\  
 Data File : PL043148.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 14 Dec 2018 16:18  
 Operator : AJ\SJ  
 Sample : J6199-06MS  
 Misc :  
 ALS Vial : 13 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 SU-04-121218-AMS

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Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Dec 14 22:24:21 2018  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL120618.M  
 Quant Title : GC Extractables  
 QLast Update : Fri Dec 07 00:20:08 2018  
 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... | 3.464 | 4.098 | 133.3E6 | 71333362 | 21.742 | 24.067  |
| 28)                         | SA Decachlor... | 8.198 | 9.224 | 111.9E6 | 45384031 | 17.137 | 17.399  |
| Target Compounds            |                 |       |       |         |          |        |         |
| 2)                          | A alpha-BHC     | 3.903 | 4.493 | 490.5E6 | 240.9E6  | 51.885 | 53.265  |
| 3)                          | MA gamma-BHC... | 4.186 | 4.780 | 450.8E6 | 230.2E6  | 52.206 | 54.891m |
| 4)                          | MA Heptachlor   | 4.481 | 5.297 | 458.6E6 | 222.2E6  | 51.688 | 54.250  |
| 5)                          | MB Aldrin       | 4.726 | 5.605 | 442.0E6 | 224.6E6  | 52.128 | 55.019  |
| 6)                          | B beta-BHC      | 4.439 | 4.951 | 188.5E6 | 93744553 | 51.113 | 55.374  |
| 7)                          | B delta-BHC     | 4.641 | 5.170 | 379.5E6 | 200.8E6  | 46.863 | 46.726m |
| 8)                          | B Heptachlor... | 5.169 | 5.993 | 415.9E6 | 206.3E6  | 52.464 | 54.405  |
| 9)                          | A Endosulfan I  | 5.506 | 6.353 | 380.6E6 | 190.4E6  | 51.951 | 56.064  |
| 10)                         | B gamma-Chl...  | 5.395 | 6.228 | 417.9E6 | 204.9E6  | 51.841 | 55.789  |
| 11)                         | B alpha-Chl...  | 5.452 | 6.302 | 406.9E6 | 199.4E6  | 51.246 | 55.438  |
| 12)                         | B 4,4'-DDE      | 5.618 | 6.456 | 371.8E6 | 200.7E6  | 53.702 | 55.390  |
| 13)                         | MA Dieldrin     | 5.749 | 6.612 | 412.2E6 | 206.4E6  | 53.016 | 56.938  |
| 14)                         | MA Endrin       | 6.005 | 6.831 | 352.9E6 | 162.9E6  | 49.011 | 52.187  |
| 15)                         | B Endosulfa...  | 6.280 | 7.040 | 350.6E6 | 173.1E6  | 52.713 | 57.173  |
| 16)                         | A 4,4'-DDD      | 6.134 | 6.948 | 319.2E6 | 171.6E6  | 56.282 | 58.530  |
| 17)                         | MA 4,4'-DDT     | 6.372 | 7.248 | 275.6E6 | 147.3E6  | 46.326 | 50.144  |
| 18)                         | B Endrin al...  | 6.448 | 7.163 | 286.5E6 | 140.6E6  | 51.985 | 56.058  |
| 19)                         | B Endosulfa...  | 6.660 | 7.387 | 346.2E6 | 164.7E6  | 51.682 | 54.793  |
| 20)                         | A Methoxychlor  | 6.918 | 7.704 | 153.4E6 | 73979408 | 45.727 | 49.048  |
| 21)                         | B Endrin ke...  | 7.150 | 7.861 | 393.4E6 | 176.6E6  | 54.401 | 57.775  |
| -----                       |                 |       |       |         |          |        |         |

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL121418\  
Data File : PL043148.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 14 Dec 2018 16:18  
Operator : AJ\SJ  
Sample : J6199-06MS  
Misc :  
ALS Vial : 13 Sample Multiplier: 1

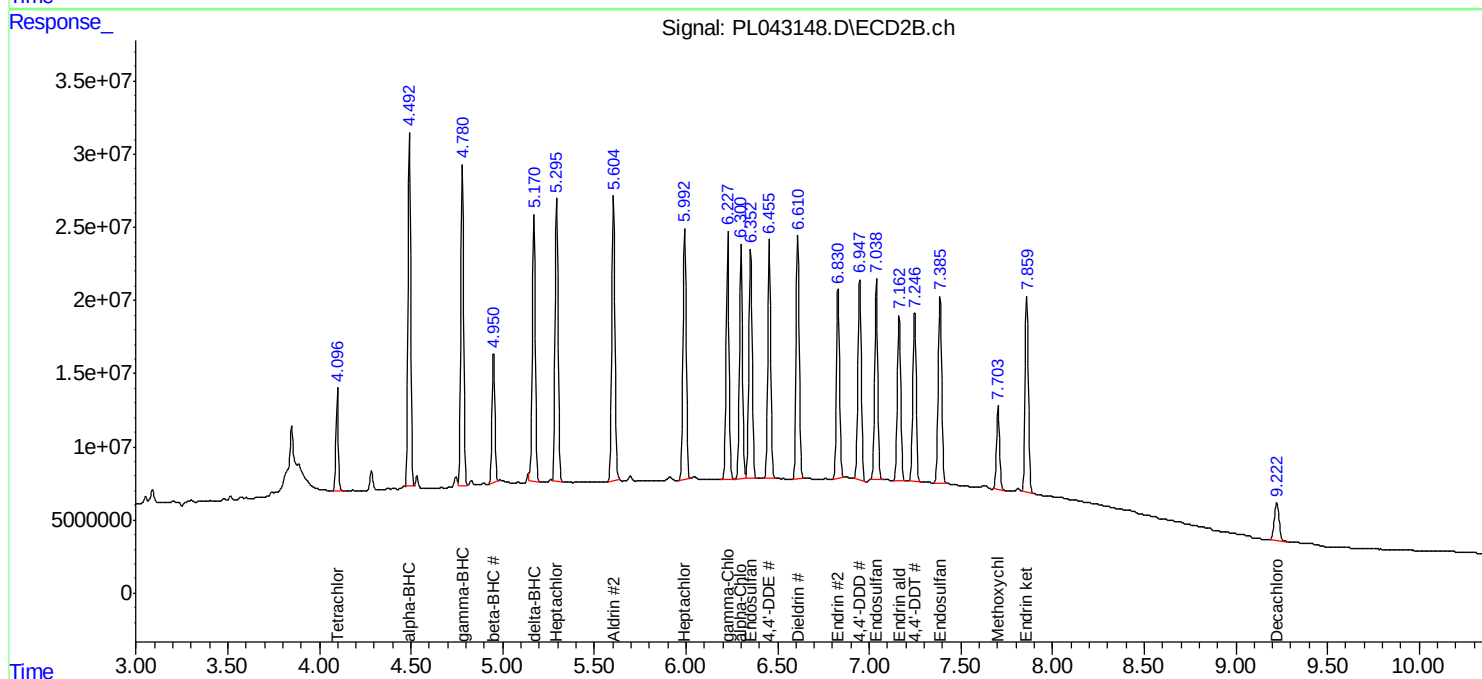
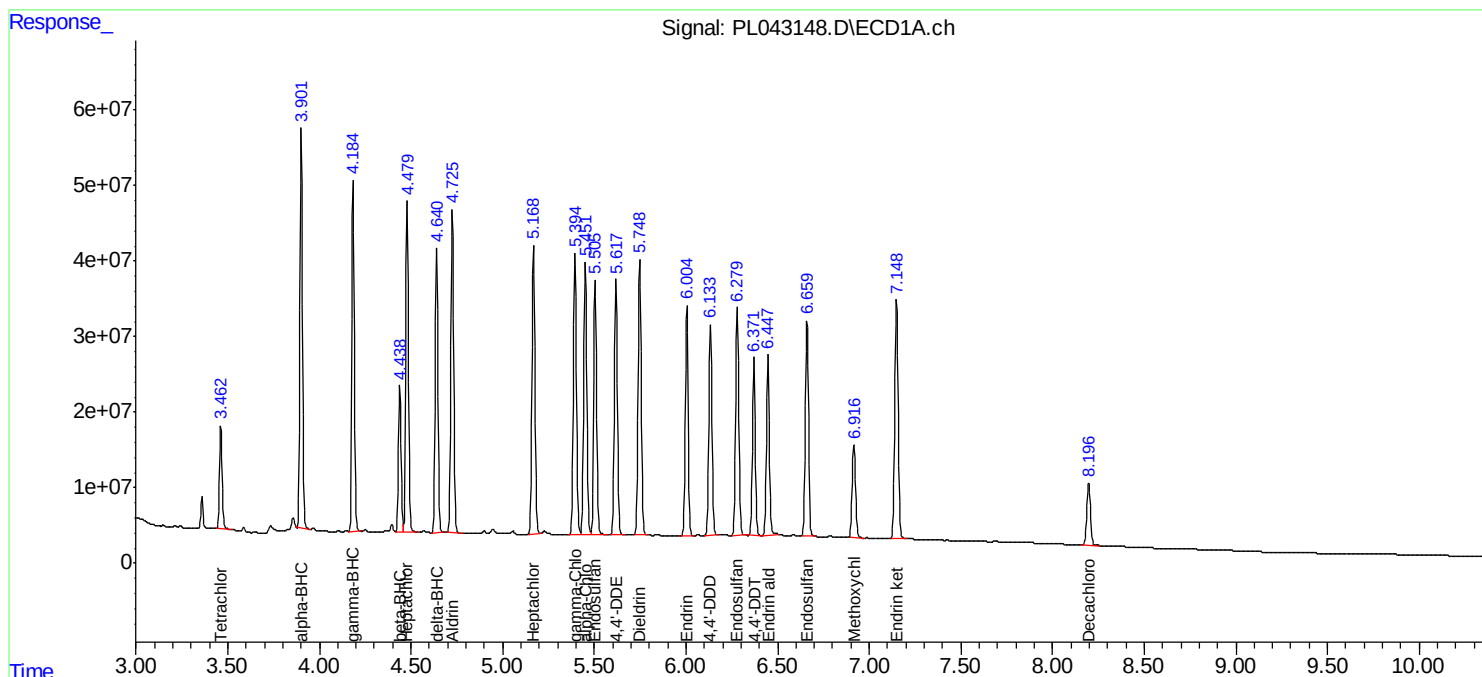
Instrument :  
ECD\_L  
ClientSampleId :  
SU-04-121218-AMS

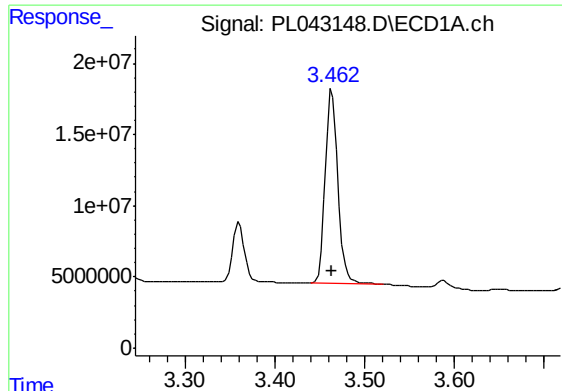
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Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Dec 14 22:24:21 2018  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL120618.M  
Quant Title : GC Extractables  
QLast Update : Fri Dec 07 00:20:08 2018  
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





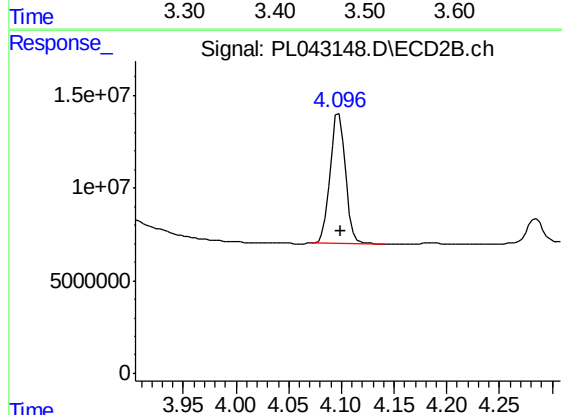
#1 Tetrachloro-m-xylene

R.T.: 3.464 min  
Delta R.T.: 0.000 min  
Response: 133339020  
Conc: 21.74 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
SU-04-121218-AMS

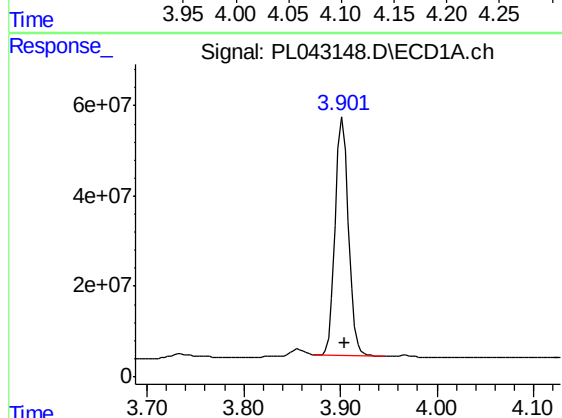
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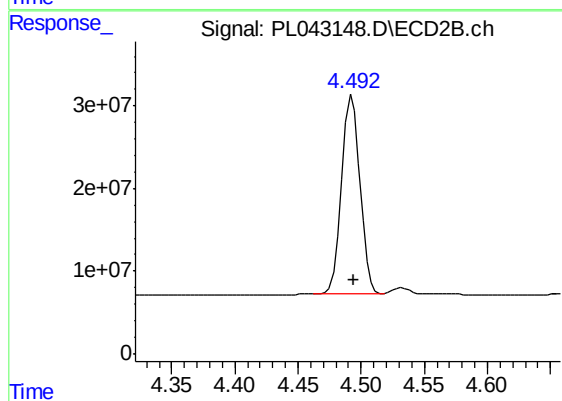
#1 Tetrachloro-m-xylene

R.T.: 4.098 min  
Delta R.T.: -0.001 min  
Response: 71333362  
Conc: 24.07 ng/ml



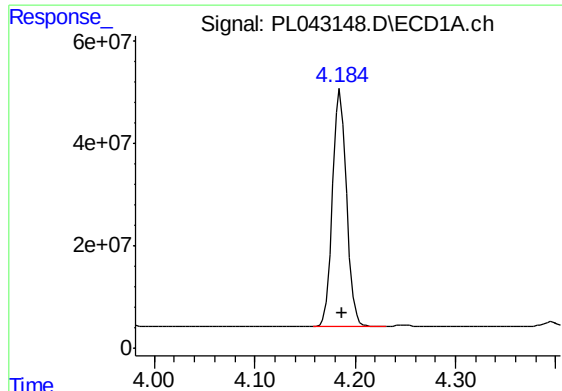
#2 alpha-BHC

R.T.: 3.903 min  
Delta R.T.: -0.002 min  
Response: 490492585  
Conc: 51.89 ng/ml



#2 alpha-BHC

R.T.: 4.493 min  
Delta R.T.: -0.001 min  
Response: 240943092  
Conc: 53.27 ng/ml



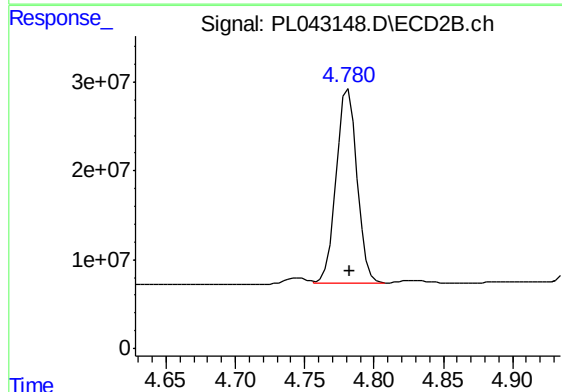
#3 gamma-BHC (Lindane)

R.T.: 4.186 min  
Delta R.T.: -0.001 min  
Response: 450776813  
Conc: 52.21 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
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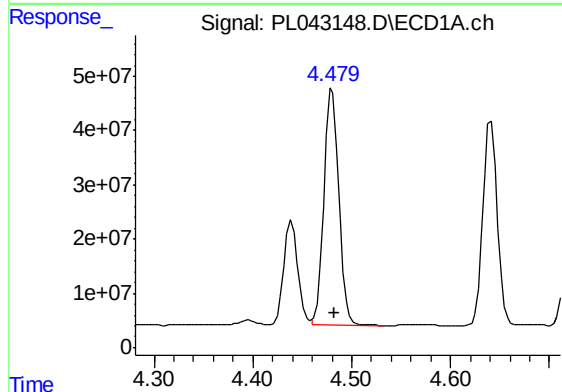
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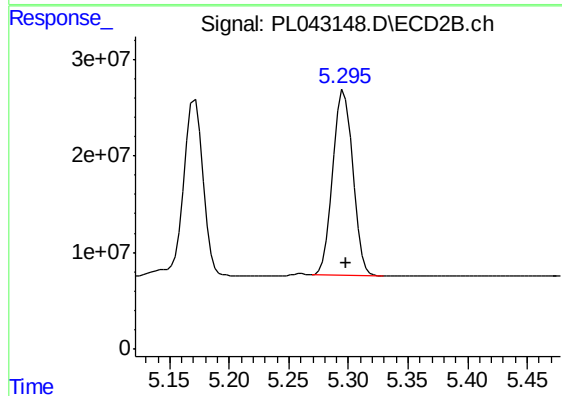
#3 gamma-BHC (Lindane)

R.T.: 4.780 min  
Delta R.T.: -0.003 min  
Response: 230223386  
Conc: 54.89 ng/ml m



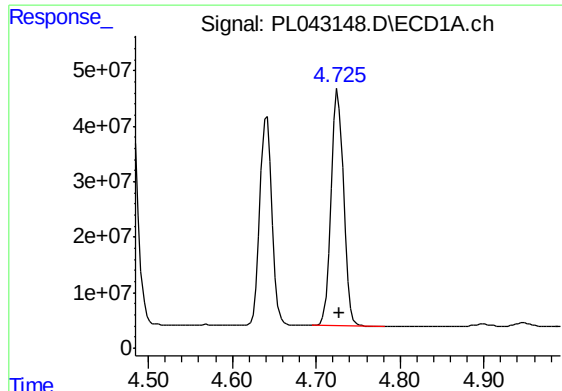
#4 Heptachlor

R.T.: 4.481 min  
Delta R.T.: -0.002 min  
Response: 458609320  
Conc: 51.69 ng/ml



#4 Heptachlor

R.T.: 5.297 min  
Delta R.T.: -0.002 min  
Response: 222226754  
Conc: 54.25 ng/ml



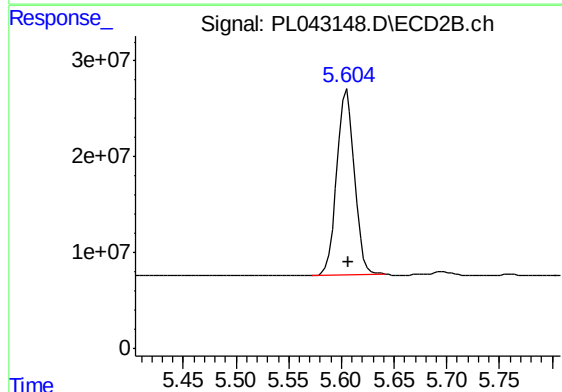
#5 Aldrin

R.T.: 4.726 min  
Delta R.T.: -0.002 min  
Response: 441975305  
Conc: 52.13 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
SU-04-121218-AMS

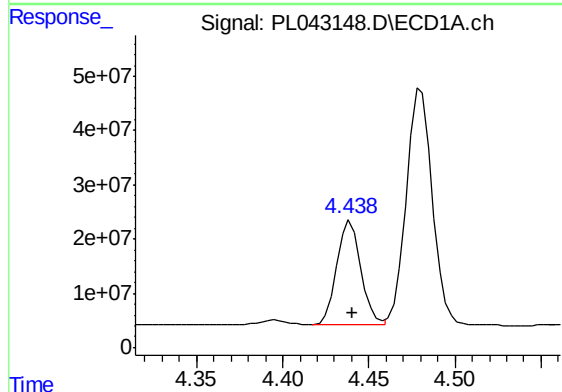
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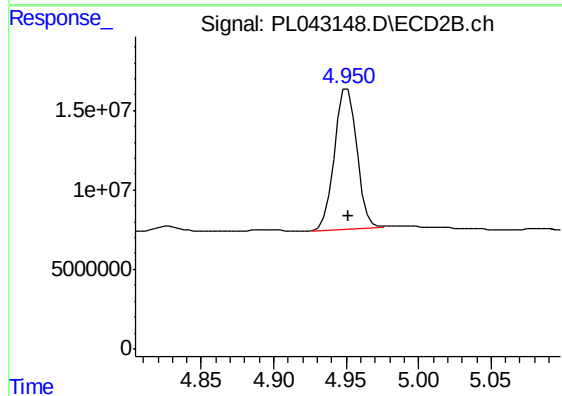
#5 Aldrin

R.T.: 5.605 min  
Delta R.T.: -0.002 min  
Response: 224586433  
Conc: 55.02 ng/ml



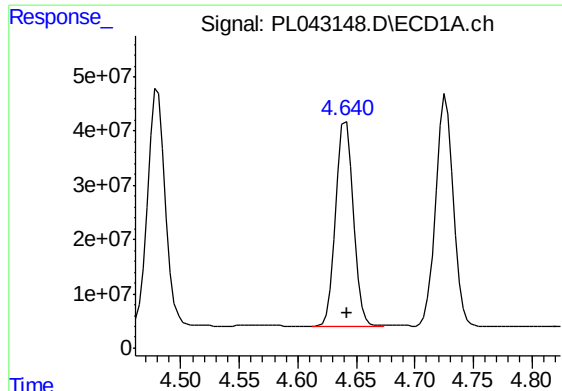
#6 beta-BHC

R.T.: 4.439 min  
Delta R.T.: -0.001 min  
Response: 188531597  
Conc: 51.11 ng/ml



#6 beta-BHC

R.T.: 4.951 min  
Delta R.T.: 0.000 min  
Response: 93744553  
Conc: 55.37 ng/ml



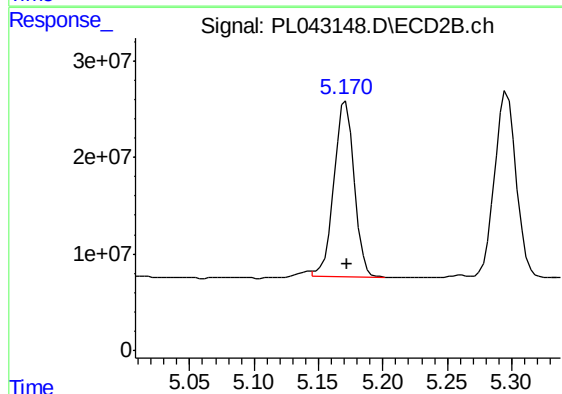
#7 delta-BHC

R.T.: 4.641 min  
Delta R.T.: -0.001 min  
Response: 379507959  
Conc: 46.86 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
SU-04-121218-AMS

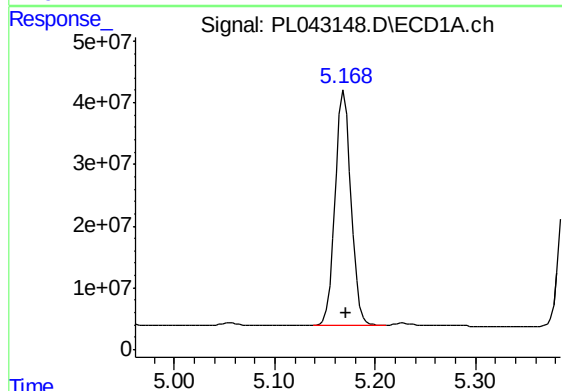
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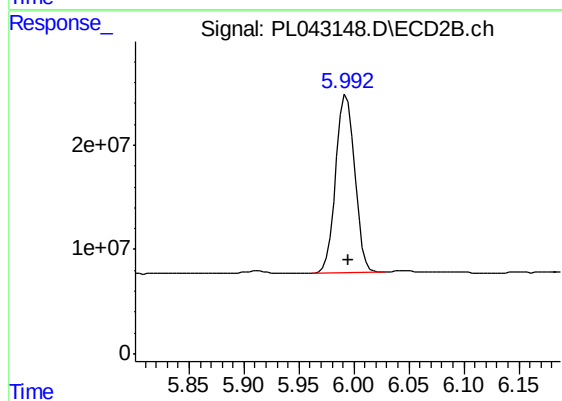
#7 delta-BHC

R.T.: 5.170 min  
Delta R.T.: -0.003 min  
Response: 200806077  
Conc: 46.73 ng/ml m



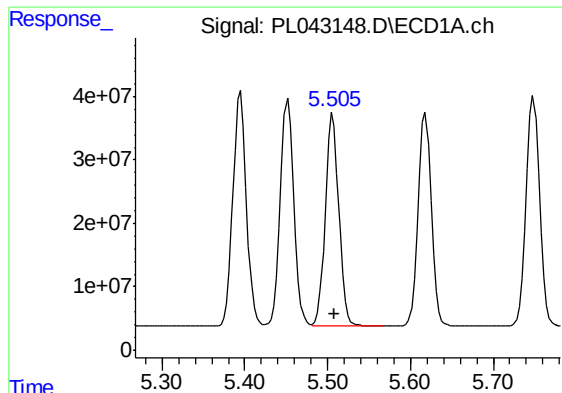
#8 Heptachlor epoxide

R.T.: 5.169 min  
Delta R.T.: -0.002 min  
Response: 415878263  
Conc: 52.46 ng/ml



#8 Heptachlor epoxide

R.T.: 5.993 min  
Delta R.T.: -0.001 min  
Response: 206305073  
Conc: 54.41 ng/ml



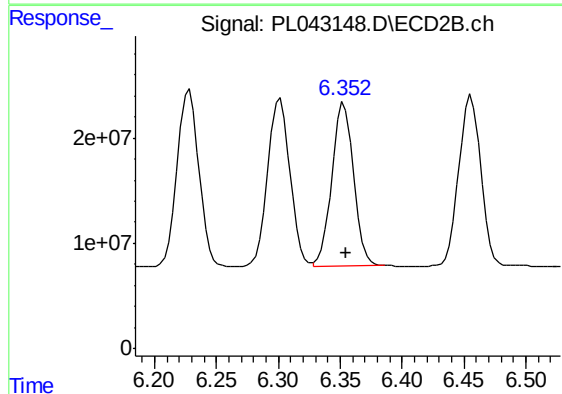
#9 Endosulfan I

R.T.: 5.506 min  
Delta R.T.: -0.002 min  
Response: 380582008  
Conc: 51.95 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
SU-04-121218-AMS

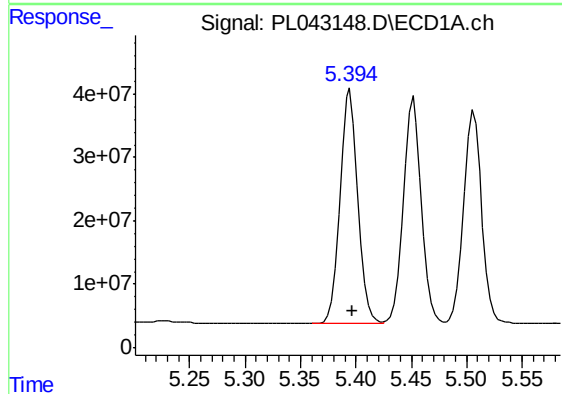
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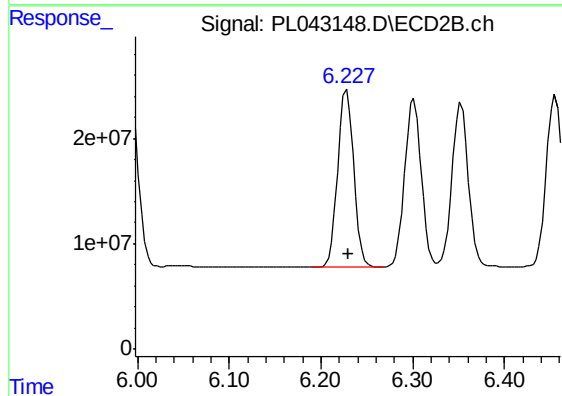
#9 Endosulfan I

R.T.: 6.353 min  
Delta R.T.: -0.001 min  
Response: 190355665  
Conc: 56.06 ng/ml



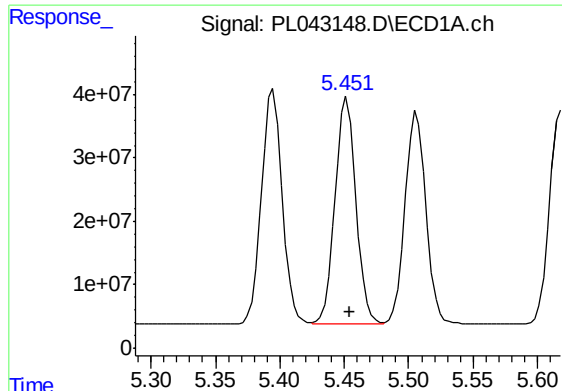
#10 gamma-Chlordane

R.T.: 5.395 min  
Delta R.T.: -0.002 min  
Response: 417929841  
Conc: 51.84 ng/ml



#10 gamma-Chlordane

R.T.: 6.228 min  
Delta R.T.: -0.001 min  
Response: 204946835  
Conc: 55.79 ng/ml



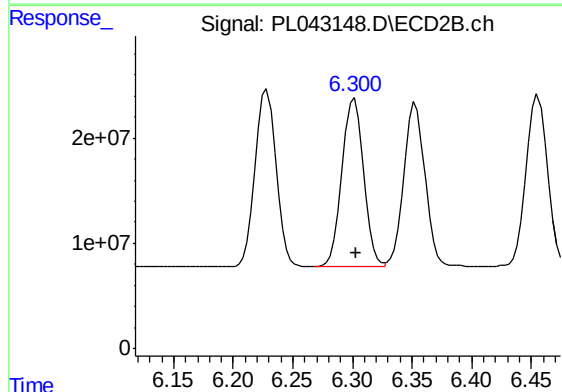
#11 alpha-Chlordane

R.T.: 5.452 min  
Delta R.T.: -0.002 min  
Response: 406851982  
Conc: 51.25 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
SU-04-121218-AMS

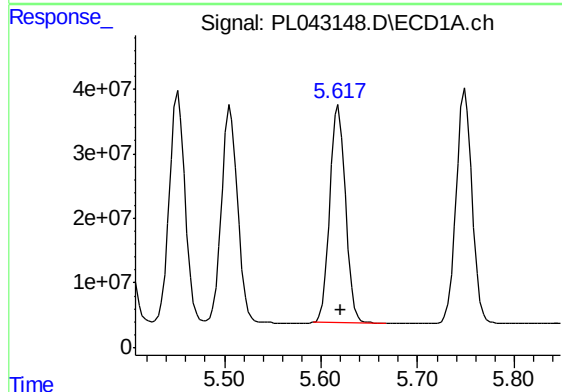
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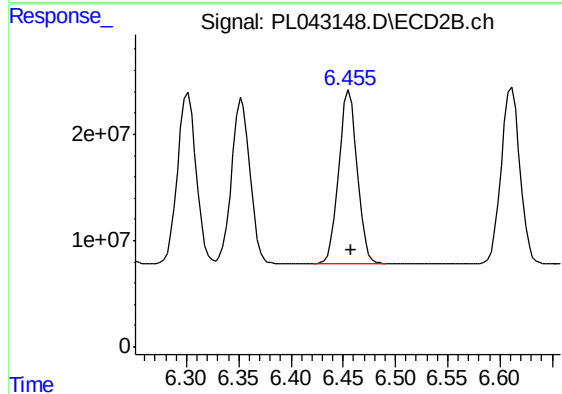
#11 alpha-Chlordane

R.T.: 6.302 min  
Delta R.T.: -0.001 min  
Response: 199377930  
Conc: 55.44 ng/ml



#12 4,4'-DDE

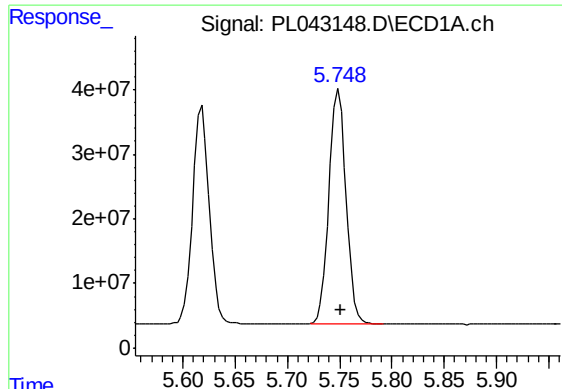
R.T.: 5.618 min  
Delta R.T.: -0.002 min  
Response: 371774642  
Conc: 53.70 ng/ml



#12 4,4'-DDE

R.T.: 6.456 min  
Delta R.T.: -0.001 min  
Response: 200719212  
Conc: 55.39 ng/ml





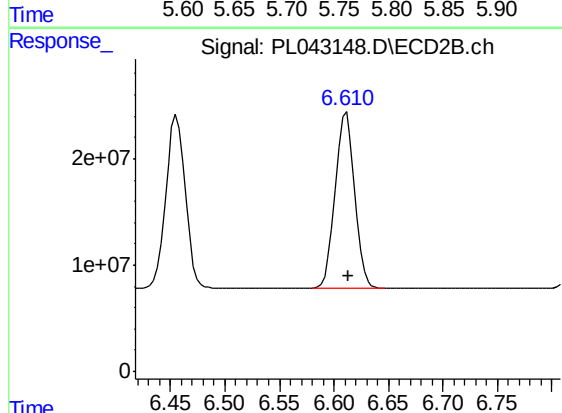
#13 Dieldrin

R.T.: 5.749 min  
Delta R.T.: -0.002 min  
Response: 412191969  
Conc: 53.02 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
SU-04-121218-AMS

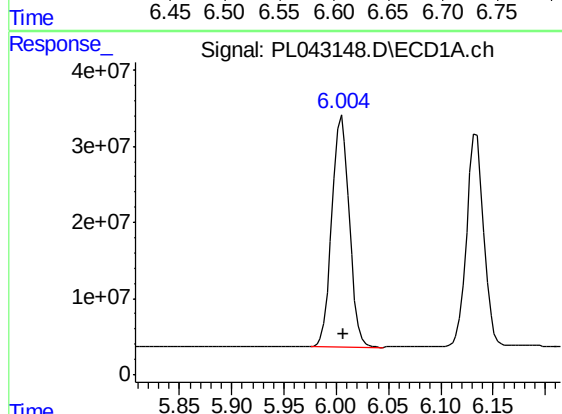
Manual Integrations  
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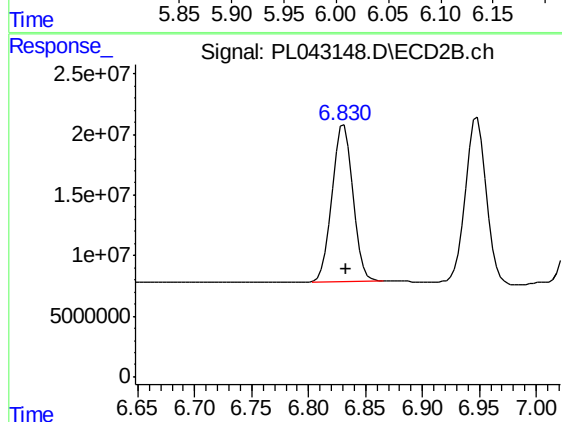
#13 Dieldrin

R.T.: 6.612 min  
Delta R.T.: -0.001 min  
Response: 206440616  
Conc: 56.94 ng/ml



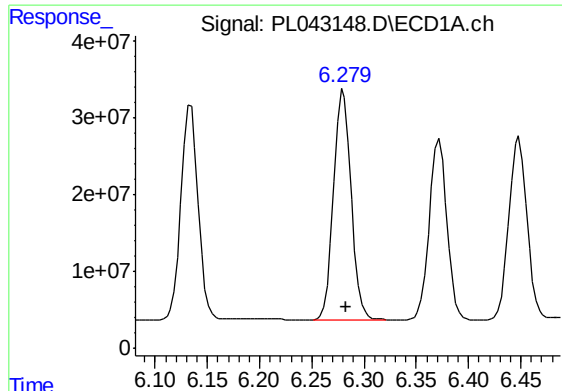
#14 Endrin

R.T.: 6.005 min  
Delta R.T.: -0.002 min  
Response: 352900668  
Conc: 49.01 ng/ml



#14 Endrin

R.T.: 6.831 min  
Delta R.T.: -0.001 min  
Response: 162924494  
Conc: 52.19 ng/ml



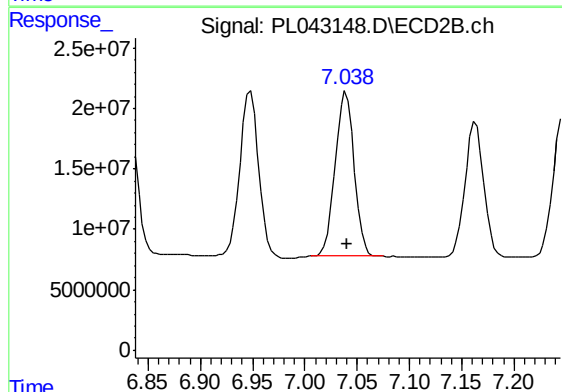
#15 Endosulfan II

R.T.: 6.280 min  
Delta R.T.: -0.003 min  
Response: 350648975  
Conc: 52.71 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
SU-04-121218-AMS

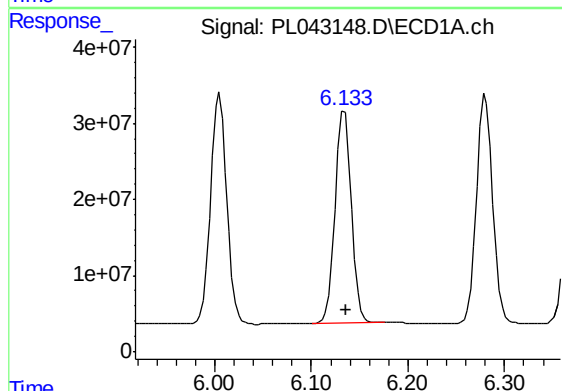
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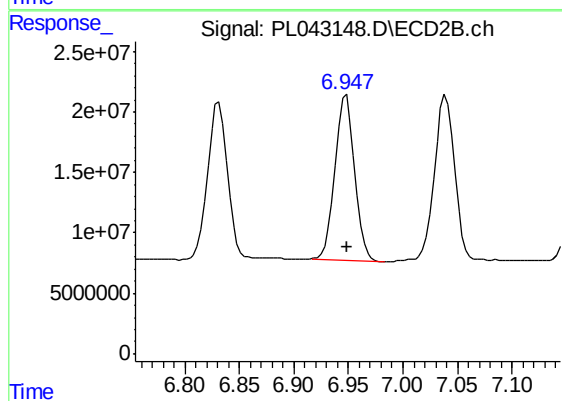
#15 Endosulfan II

R.T.: 7.040 min  
Delta R.T.: -0.001 min  
Response: 173113148  
Conc: 57.17 ng/ml



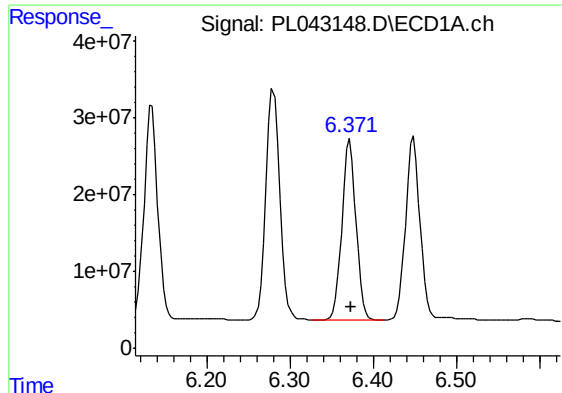
#16 4,4'-DDD

R.T.: 6.134 min  
Delta R.T.: -0.002 min  
Response: 319177729  
Conc: 56.28 ng/ml



#16 4,4'-DDD

R.T.: 6.948 min  
Delta R.T.: -0.001 min  
Response: 171643884  
Conc: 58.53 ng/ml



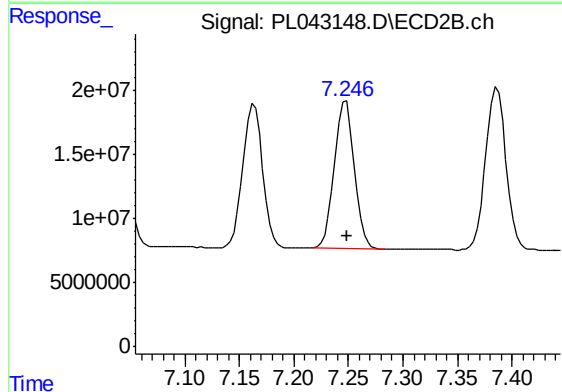
#17 4,4'-DDT

R.T.: 6.372 min  
Delta R.T.: -0.002 min  
Response: 275588057  
Conc: 46.33 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
SU-04-121218-AMS

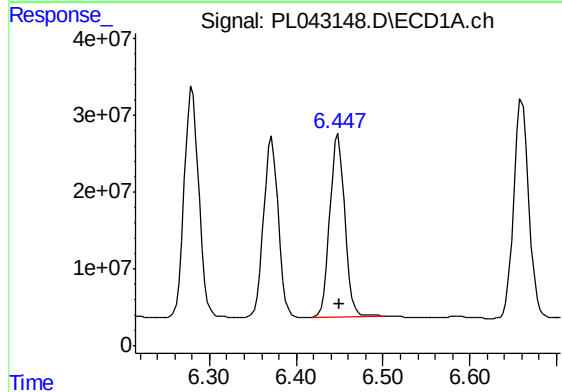
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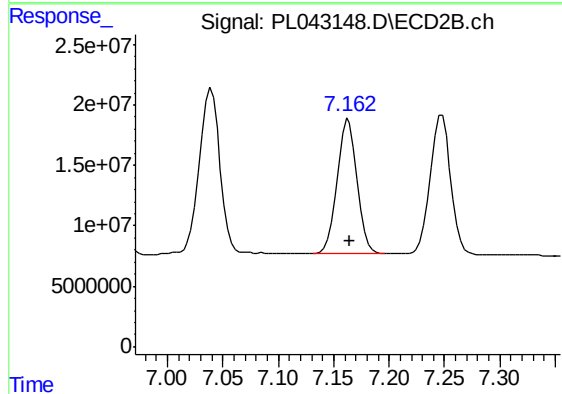
#17 4,4'-DDT

R.T.: 7.248 min  
Delta R.T.: -0.001 min  
Response: 147274451  
Conc: 50.14 ng/ml



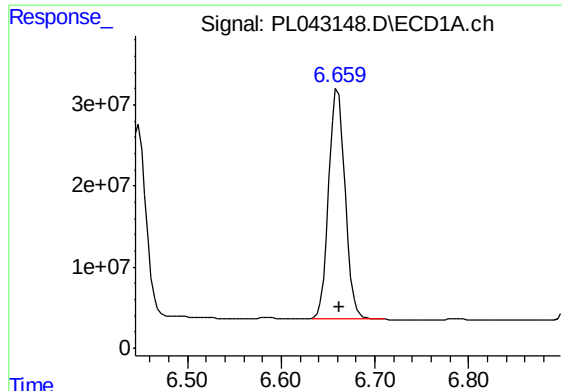
#18 Endrin aldehyde

R.T.: 6.448 min  
Delta R.T.: -0.002 min  
Response: 286472816  
Conc: 51.98 ng/ml



#18 Endrin aldehyde

R.T.: 7.163 min  
Delta R.T.: -0.001 min  
Response: 140608542  
Conc: 56.06 ng/ml



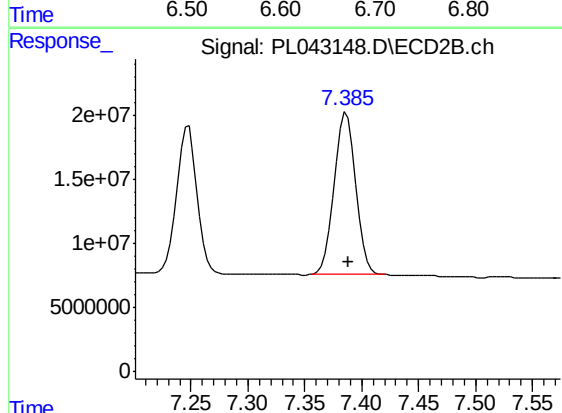
#19 Endosulfan Sulfate

R.T.: 6.660 min  
Delta R.T.: -0.002 min  
Response: 346206086  
Conc: 51.68 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
SU-04-121218-AMS

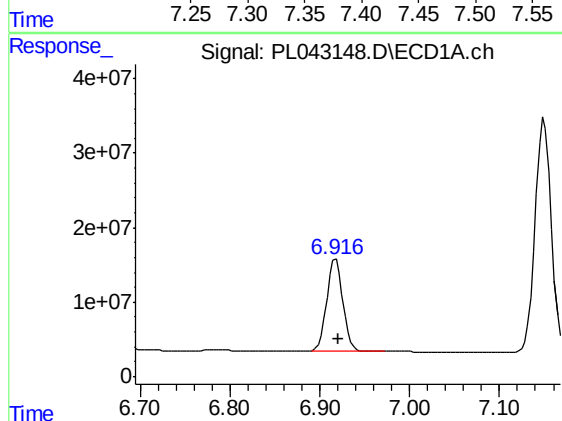
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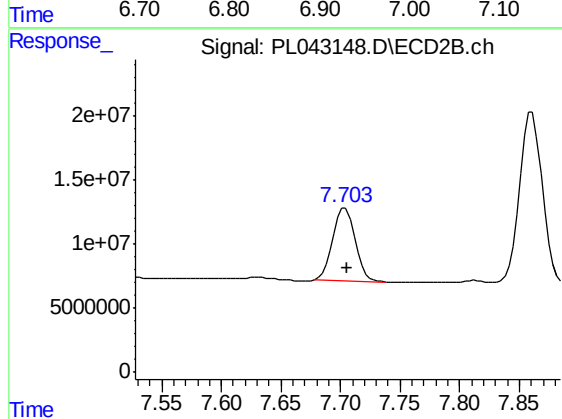
#19 Endosulfan Sulfate

R.T.: 7.387 min  
Delta R.T.: -0.002 min  
Response: 164740915  
Conc: 54.79 ng/ml



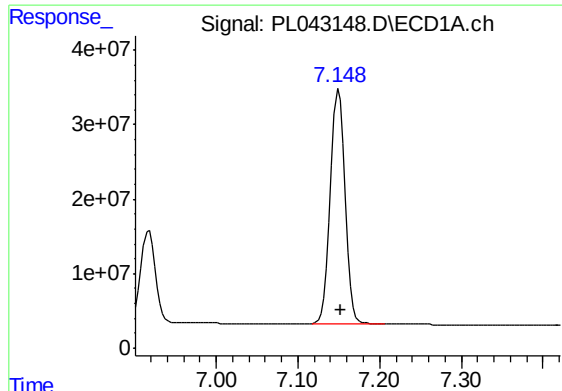
#20 Methoxychlor

R.T.: 6.918 min  
Delta R.T.: -0.002 min  
Response: 153432245  
Conc: 45.73 ng/ml



#20 Methoxychlor

R.T.: 7.704 min  
Delta R.T.: -0.002 min  
Response: 73979408  
Conc: 49.05 ng/ml



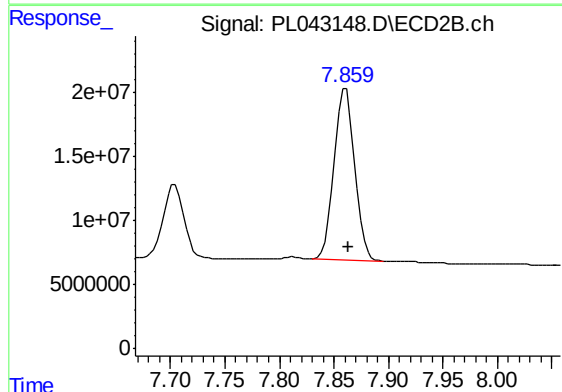
#21 Endrin ketone

R.T.: 7.150 min  
Delta R.T.: -0.003 min  
Response: 393356745  
Conc: 54.40 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
SU-04-121218-AMS

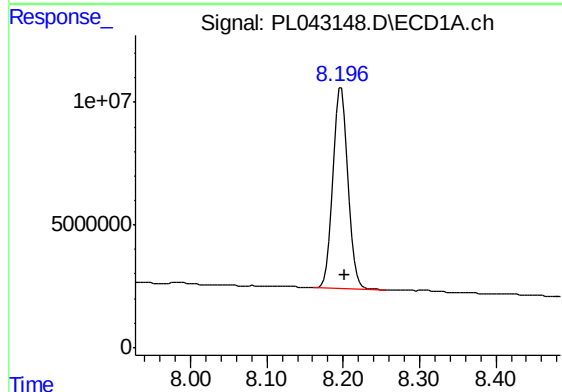
Manual Integrations  
APPROVED

Sohil  
12/17/2018 9:24:46 AM



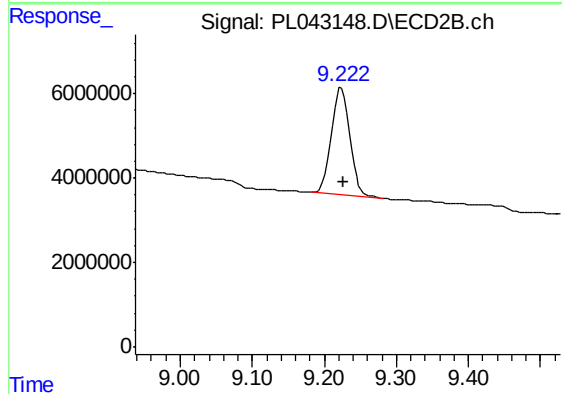
#21 Endrin ketone

R.T.: 7.861 min  
Delta R.T.: -0.002 min  
Response: 176596247  
Conc: 57.78 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.198 min  
Delta R.T.: -0.004 min  
Response: 111905791  
Conc: 17.14 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.224 min  
Delta R.T.: -0.003 min  
Response: 45384031  
Conc: 17.40 ng/ml