

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL112219\  
 Data File : PL054580.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 23 Nov 2019 00:45  
 Operator : SG\AJ  
 Sample : K5676-25MSD  
 Misc :  
 ALS Vial : 39 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 SU-02-112019MSD

Manual Integrations  
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Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Nov 23 04:09:20 2019  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL111819.M  
 Quant Title : GC Extractables  
 QLast Update : Tue Nov 19 01:04:14 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... | 3.539 | 4.053 | 212.0E6  | 54896903 | 20.392  | 22.533  |
| 28)                         | SA Decachlor... | 8.321 | 9.151 | 189.9E6  | 49402907 | 21.458  | 20.433  |
| Target Compounds            |                 |       |       |          |          |         |         |
| 2)                          | A alpha-BHC     | 3.982 | 4.444 | 1049.1E6 | 226.9E6  | 61.582  | 67.397  |
| 3)                          | MA gamma-BHC... | 4.269 | 4.730 | 969.9E6  | 209.7E6  | 64.553  | 68.192  |
| 4)                          | MA Heptachlor   | 4.573 | 5.240 | 958.5E6  | 181.4E6  | 62.592m | 63.137  |
| 5)                          | MB Aldrin       | 4.826 | 5.545 | 907.4E6  | 169.9E6  | 64.758  | 64.375  |
| 6)                          | B beta-BHC      | 4.519 | 4.900 | 431.5E6  | 88691464 | 67.116  | 59.195  |
| 7)                          | B delta-BHC     | 4.728 | 5.118 | 913.0E6  | 174.3E6  | 65.187  | 69.183  |
| 8)                          | B Heptachlo...  | 5.271 | 5.932 | 873.3E6  | 158.8E6  | 67.618  | 66.831  |
| 9)                          | A Endosulfan I  | 5.613 | 6.289 | 777.1E6  | 152.4E6  | 65.597  | 64.987  |
| 10)                         | B gamma-Chl...  | 5.500 | 6.166 | 868.0E6  | 164.8E6  | 67.606  | 66.214  |
| 11)                         | B alpha-Chl...  | 5.558 | 6.238 | 829.7E6  | 161.9E6  | 66.114  | 65.028  |
| 12)                         | B 4,4'-DDE      | 5.721 | 6.395 | 765.3E6  | 155.4E6  | 66.164  | 65.073  |
| 13)                         | MA Dieldrin     | 5.858 | 6.545 | 837.2E6  | 161.4E6  | 68.463  | 66.639m |
| 14)                         | MA Endrin       | 6.116 | 6.764 | 751.8E6  | 141.2E6  | 68.060  | 66.615m |
| 15)                         | B Endosulfa...  | 6.390 | 6.975 | 686.8E6  | 142.1E6  | 65.567  | 65.381  |
| 16)                         | A 4,4'-DDD      | 6.239 | 6.886 | 569.3E6  | 119.2E6  | 69.021  | 67.371  |
| 17)                         | MA 4,4'-DDT     | 6.481 | 7.186 | 623.5E6  | 127.3E6  | 68.771  | 64.877  |
| 18)                         | B Endrin al...  | 6.557 | 7.099 | 555.9E6  | 119.3E6  | 64.907  | 63.051  |
| 19)                         | B Endosulfa...  | 6.771 | 7.323 | 615.2E6  | 131.6E6  | 65.691  | 63.733  |
| 20)                         | A Methoxychlor  | 7.026 | 7.646 | 299.2E6  | 70300991 | 65.383  | 63.002  |
| 21)                         | B Endrin ke...  | 7.265 | 7.797 | 672.7E6  | 142.6E6  | 66.968  | 62.981  |
| 22)                         | Mirex           | 7.457 | 8.252 | 511.7E6  | 116.8E6  | 67.186  | 68.926m |
| -----                       |                 |       |       |          |          |         |         |

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL112219\  
Data File : PL054580.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 23 Nov 2019 00:45  
Operator : SG\AJ  
Sample : K5676-25MSD  
Misc :  
ALS Vial : 39 Sample Multiplier: 1

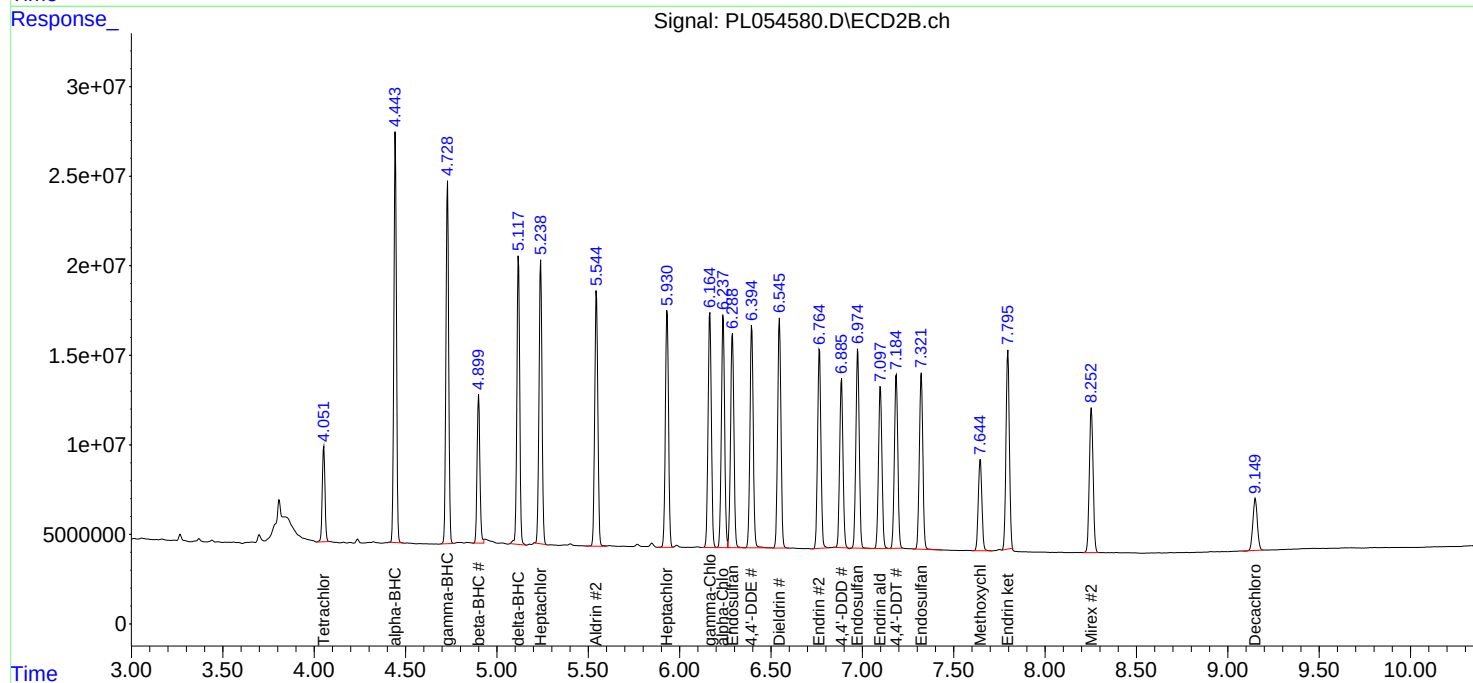
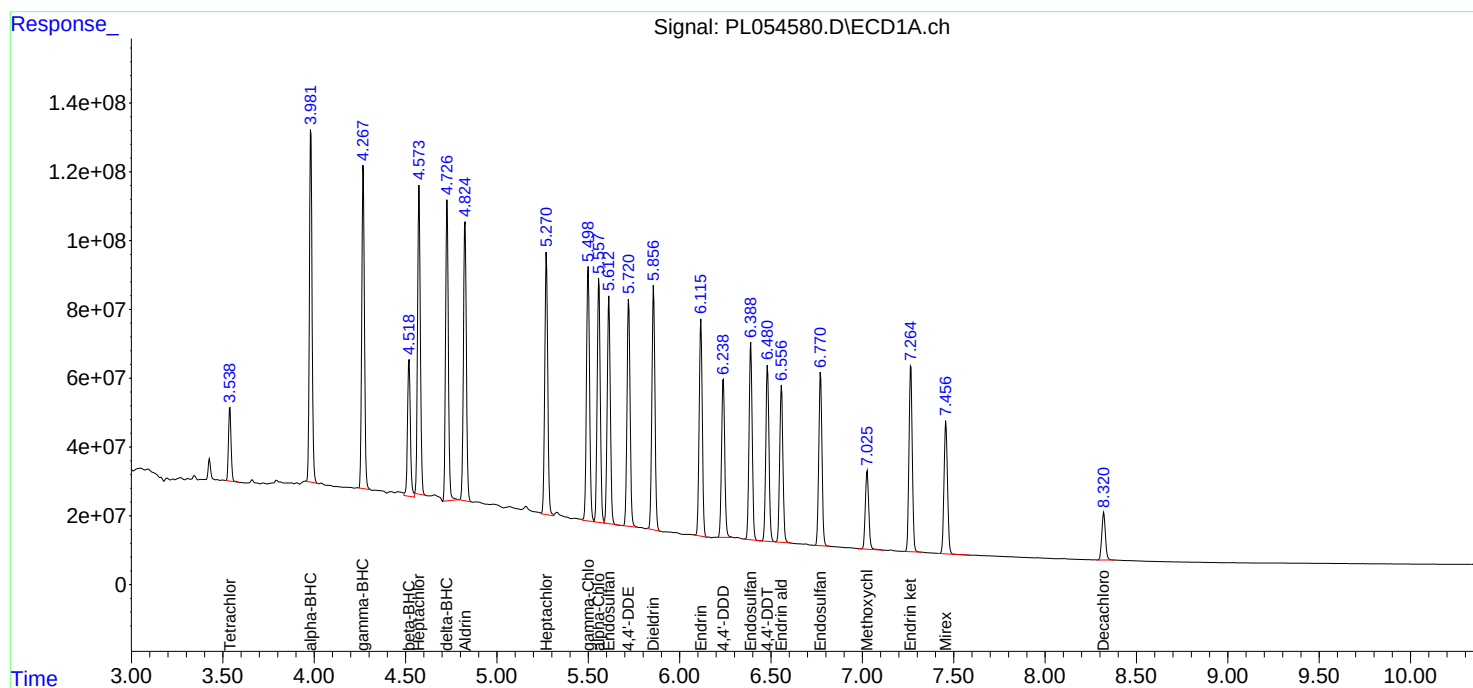
Instrument :  
ECD\_L  
ClientSampleId :  
SU-02-112019MSD

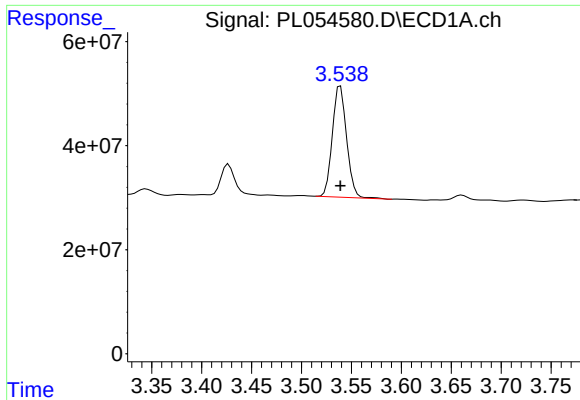
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Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Nov 23 04:09:20 2019  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL111819.M  
Quant Title : GC Extractables  
QLast Update : Tue Nov 19 01:04:14 2019  
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





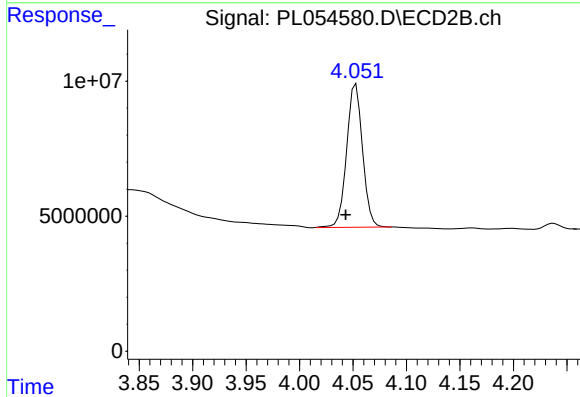
#1 Tetrachloro-m-xylene

R.T.: 3.539 min  
Delta R.T.: 0.000 min  
Response: 212023975  
Conc: 20.39 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
SU-02-112019MSD

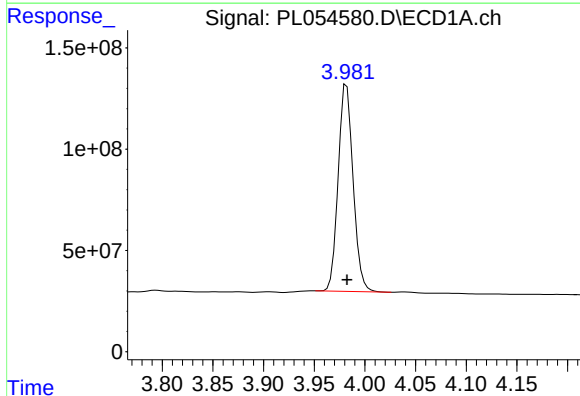
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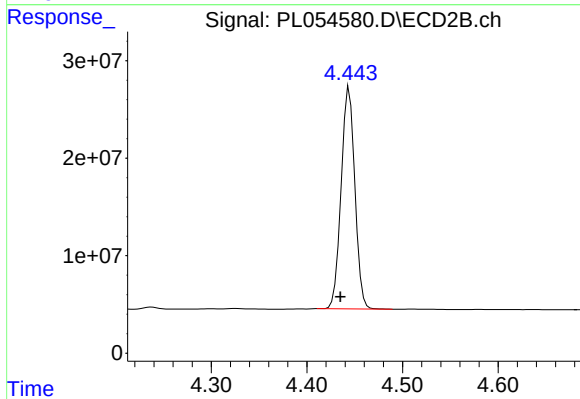
#1 Tetrachloro-m-xylene

R.T.: 4.053 min  
Delta R.T.: 0.009 min  
Response: 54896903  
Conc: 22.53 ng/ml



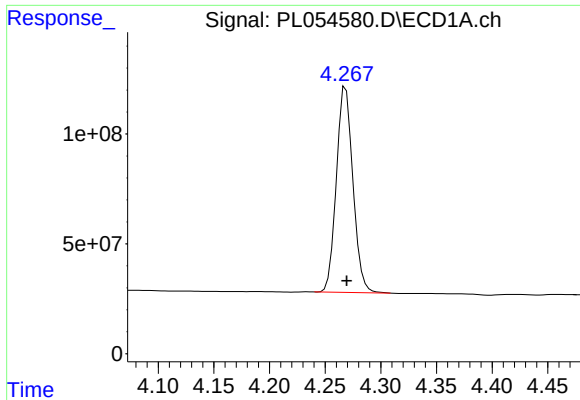
#2 alpha-BHC

R.T.: 3.982 min  
Delta R.T.: 0.000 min  
Response: 1049102696  
Conc: 61.58 ng/ml



#2 alpha-BHC

R.T.: 4.444 min  
Delta R.T.: 0.009 min  
Response: 226927315  
Conc: 67.40 ng/ml



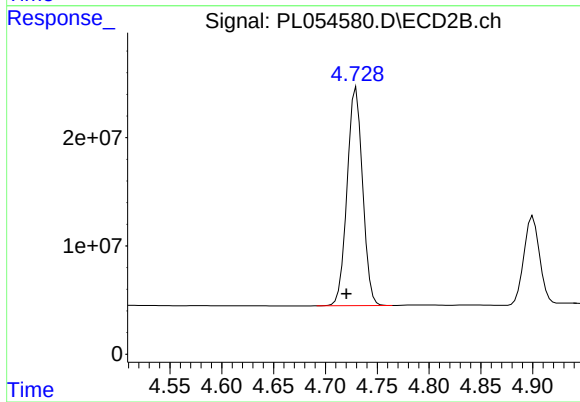
#3 gamma-BHC (Lindane)

R.T.: 4.269 min  
Delta R.T.: 0.000 min  
Response: 969877957  
Conc: 64.55 ng/ml

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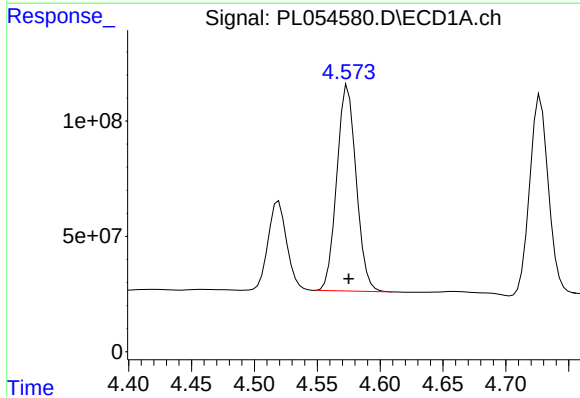
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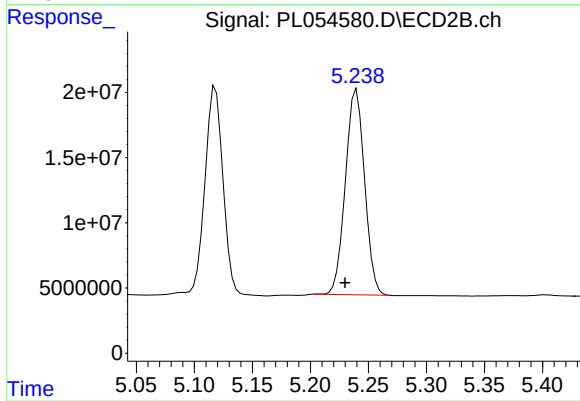
#3 gamma-BHC (Lindane)

R.T.: 4.730 min  
Delta R.T.: 0.009 min  
Response: 209678102  
Conc: 68.19 ng/ml



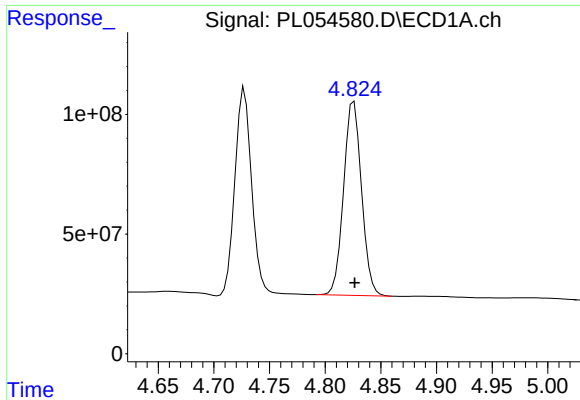
#4 Heptachlor

R.T.: 4.573 min  
Delta R.T.: -0.002 min  
Response: 958463492  
Conc: 62.59 ng/ml m



#4 Heptachlor

R.T.: 5.240 min  
Delta R.T.: 0.010 min  
Response: 181436000  
Conc: 63.14 ng/ml



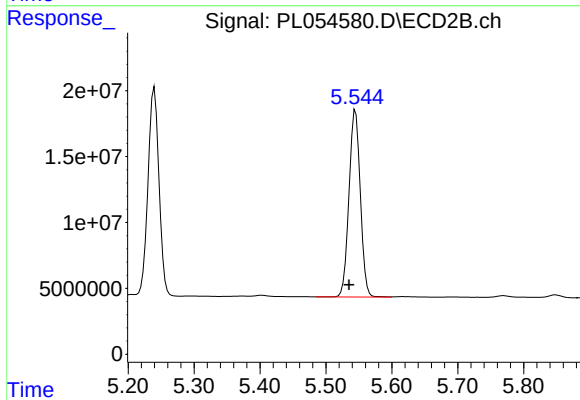
#5 Aldrin

R.T.: 4.826 min  
Delta R.T.: 0.000 min  
Response: 907424222  
Conc: 64.76 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
SU-02-112019MSD

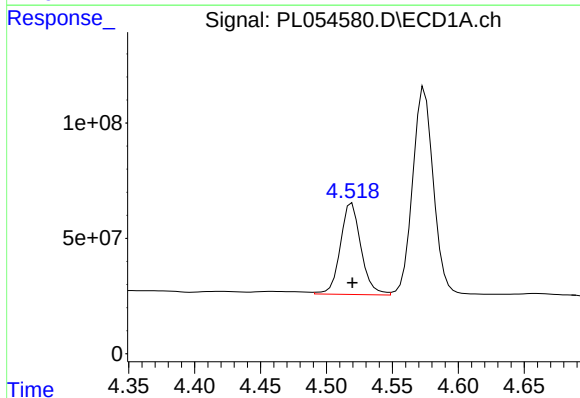
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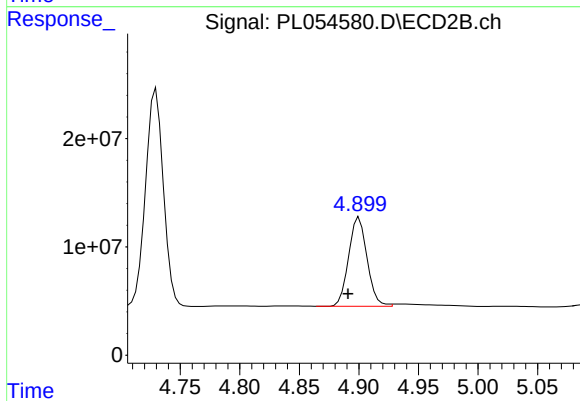
#5 Aldrin

R.T.: 5.545 min  
Delta R.T.: 0.009 min  
Response: 169917171  
Conc: 64.38 ng/ml



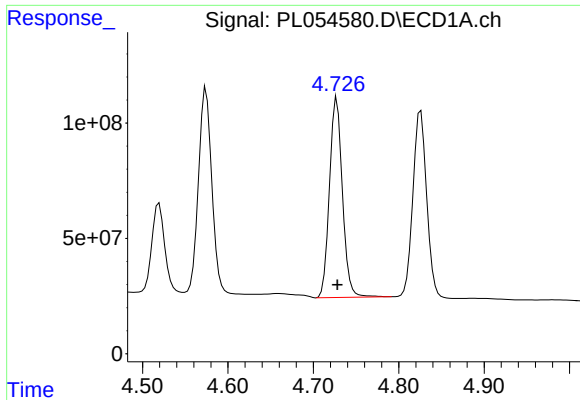
#6 beta-BHC

R.T.: 4.519 min  
Delta R.T.: 0.000 min  
Response: 431485211  
Conc: 67.12 ng/ml



#6 beta-BHC

R.T.: 4.900 min  
Delta R.T.: 0.009 min  
Response: 88691464  
Conc: 59.20 ng/ml



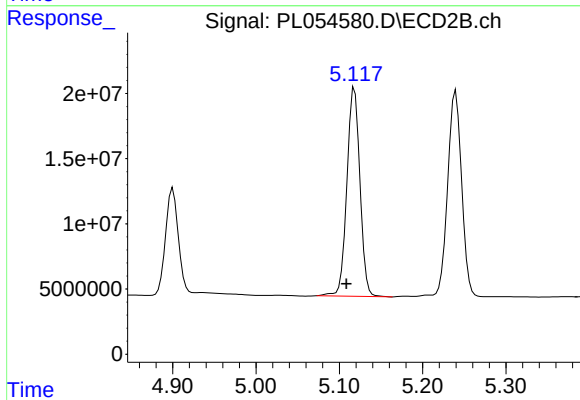
#7 delta-BHC

R.T.: 4.728 min  
Delta R.T.: 0.000 min  
Response: 912986884  
Conc: 65.19 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
SU-02-112019MSD

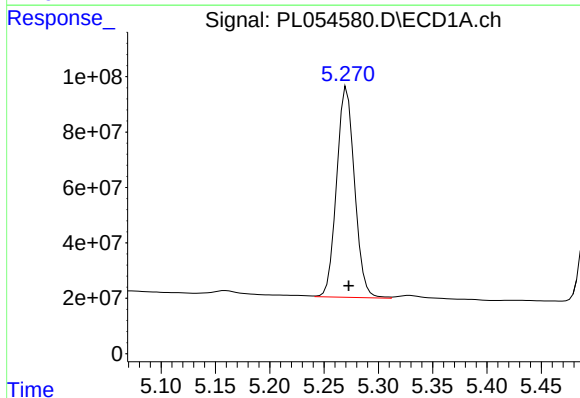
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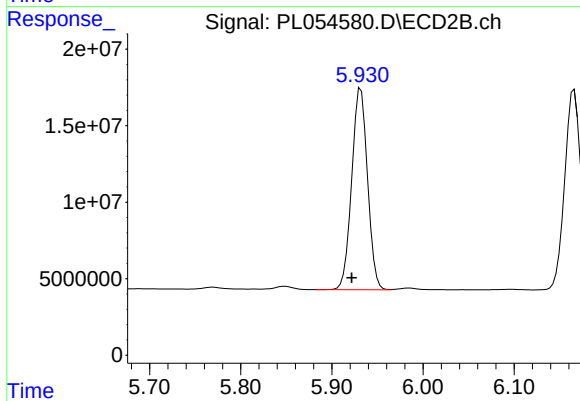
#7 delta-BHC

R.T.: 5.118 min  
Delta R.T.: 0.010 min  
Response: 174273024  
Conc: 69.18 ng/ml



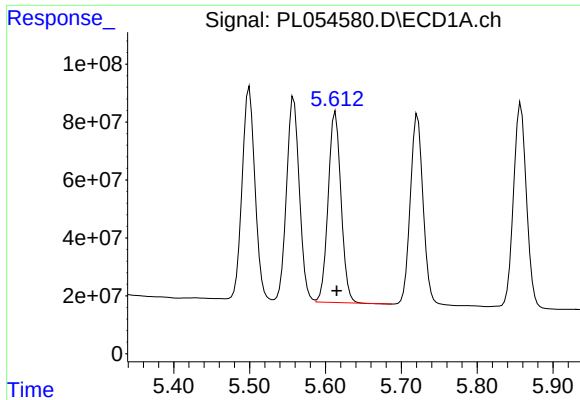
#8 Heptachlor epoxide

R.T.: 5.271 min  
Delta R.T.: -0.002 min  
Response: 873326324  
Conc: 67.62 ng/ml



#8 Heptachlor epoxide

R.T.: 5.932 min  
Delta R.T.: 0.010 min  
Response: 158834727  
Conc: 66.83 ng/ml



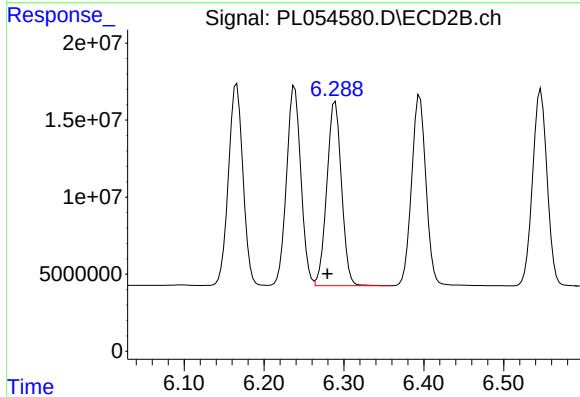
#9 Endosulfan I

R.T.: 5.613 min  
Delta R.T.: -0.002 min  
Response: 777064198  
Conc: 65.60 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
SU-02-112019MSD

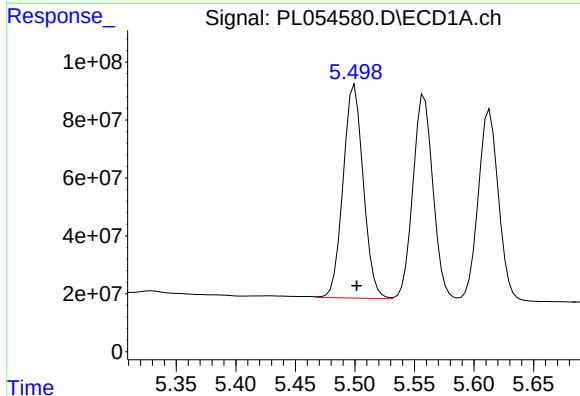
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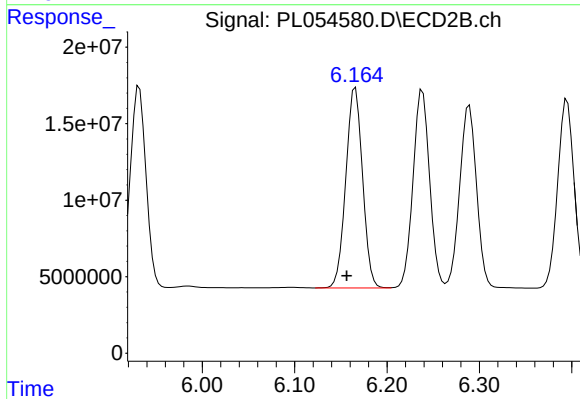
#9 Endosulfan I

R.T.: 6.289 min  
Delta R.T.: 0.010 min  
Response: 152355830  
Conc: 64.99 ng/ml



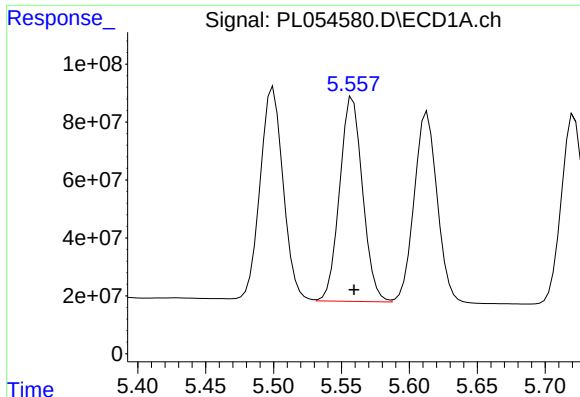
#10 gamma-Chlordane

R.T.: 5.500 min  
Delta R.T.: -0.002 min  
Response: 868036194  
Conc: 67.61 ng/ml



#10 gamma-Chlordane

R.T.: 6.166 min  
Delta R.T.: 0.010 min  
Response: 164771405  
Conc: 66.21 ng/ml



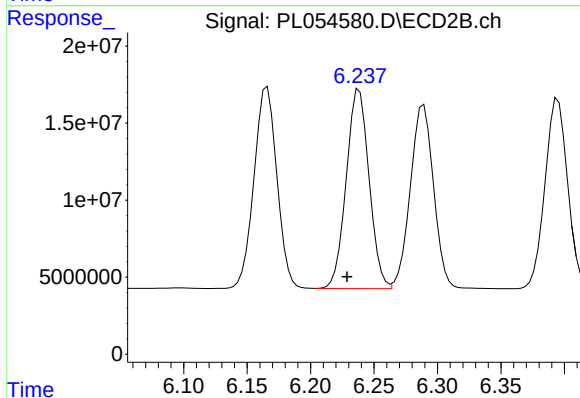
#11 alpha-Chlordane

R.T.: 5.558 min  
Delta R.T.: -0.001 min  
Response: 829689211  
Conc: 66.11 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
SU-02-112019MSD

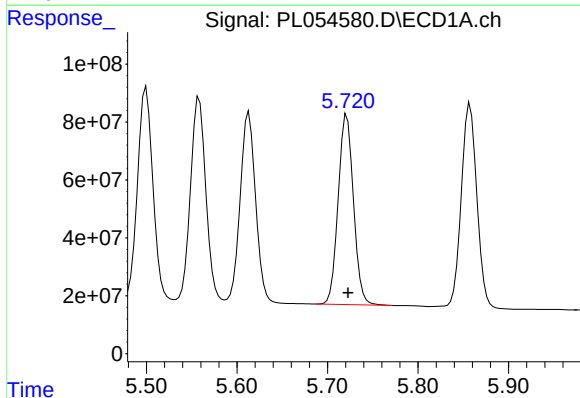
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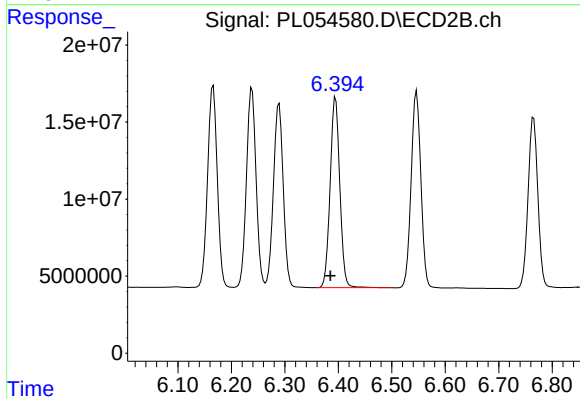
#11 alpha-Chlordane

R.T.: 6.238 min  
Delta R.T.: 0.010 min  
Response: 161861096  
Conc: 65.03 ng/ml



#12 4,4'-DDE

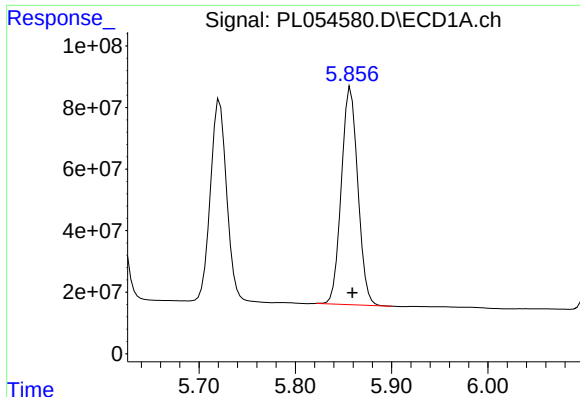
R.T.: 5.721 min  
Delta R.T.: -0.001 min  
Response: 765287082  
Conc: 66.16 ng/ml



#12 4,4'-DDE

R.T.: 6.395 min  
Delta R.T.: 0.010 min  
Response: 155447150  
Conc: 65.07 ng/ml





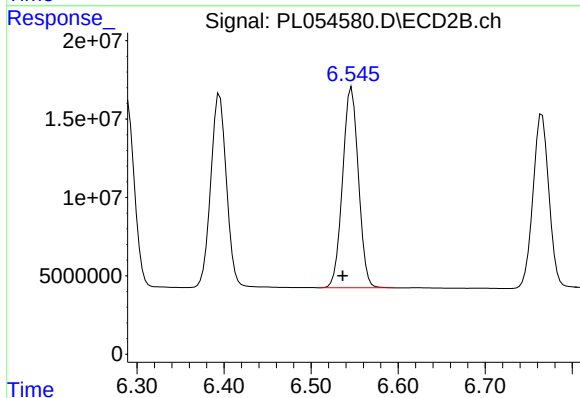
#13 Dieldrin

R.T.: 5.858 min  
Delta R.T.: -0.002 min  
Response: 837240872  
Conc: 68.46 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
SU-02-112019MSD

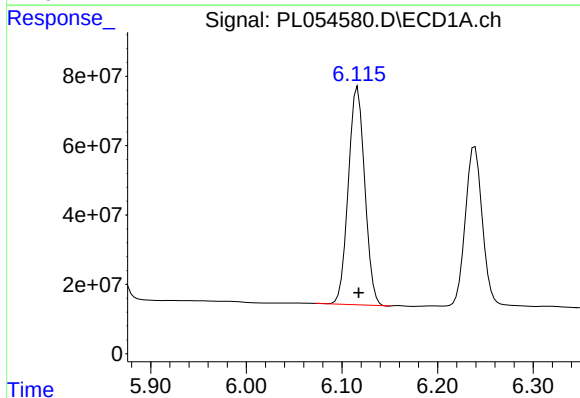
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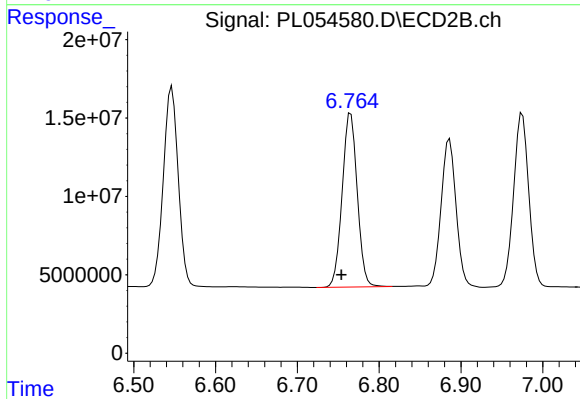
#13 Dieldrin

R.T.: 6.545 min  
Delta R.T.: 0.009 min  
Response: 161384161  
Conc: 66.64 ng/ml m



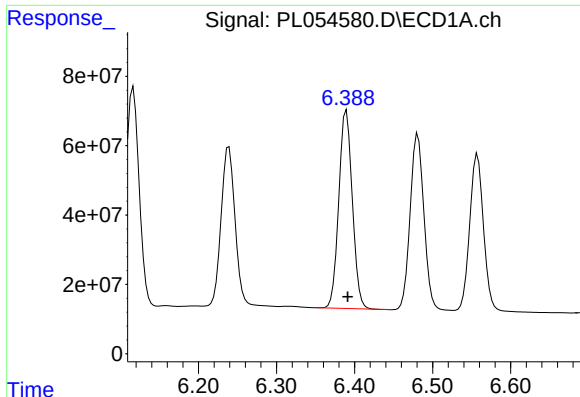
#14 Endrin

R.T.: 6.116 min  
Delta R.T.: -0.001 min  
Response: 751795436  
Conc: 68.06 ng/ml



#14 Endrin

R.T.: 6.764 min  
Delta R.T.: 0.010 min  
Response: 141203485  
Conc: 66.62 ng/ml m



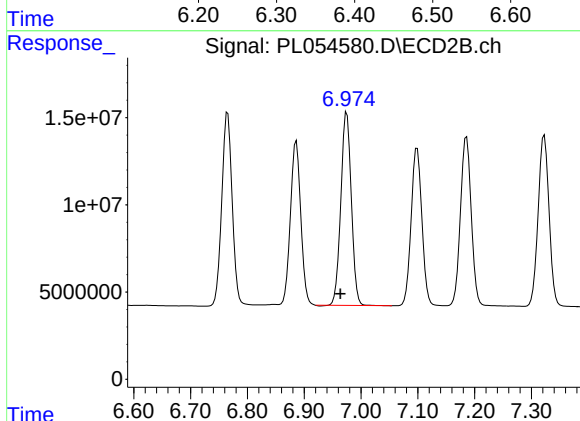
#15 Endosulfan II

R.T.: 6.390 min  
Delta R.T.: -0.002 min  
Response: 686758556  
Conc: 65.57 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
SU-02-112019MSD

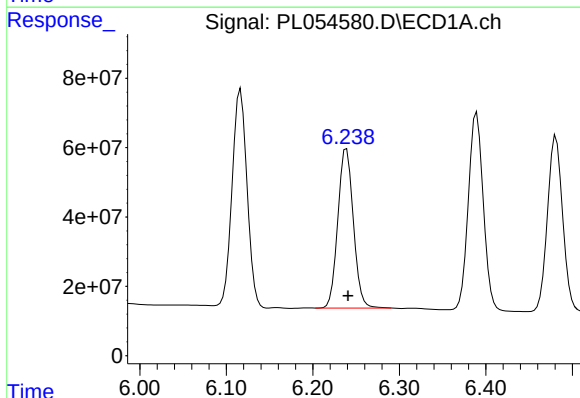
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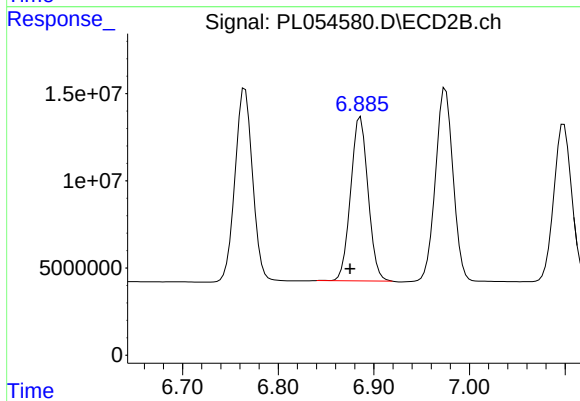
#15 Endosulfan II

R.T.: 6.975 min  
Delta R.T.: 0.011 min  
Response: 142131845  
Conc: 65.38 ng/ml



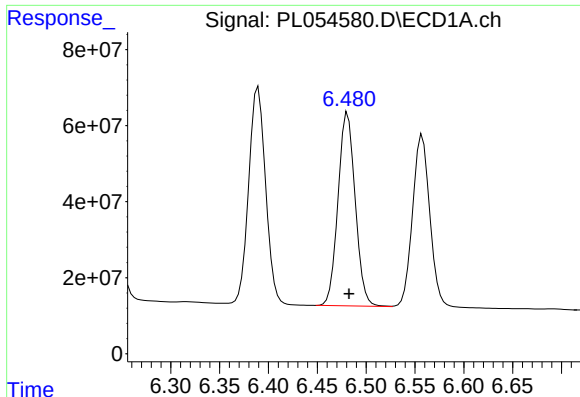
#16 4,4'-DDD

R.T.: 6.239 min  
Delta R.T.: -0.002 min  
Response: 569304410  
Conc: 69.02 ng/ml



#16 4,4'-DDD

R.T.: 6.886 min  
Delta R.T.: 0.011 min  
Response: 119223081  
Conc: 67.37 ng/ml



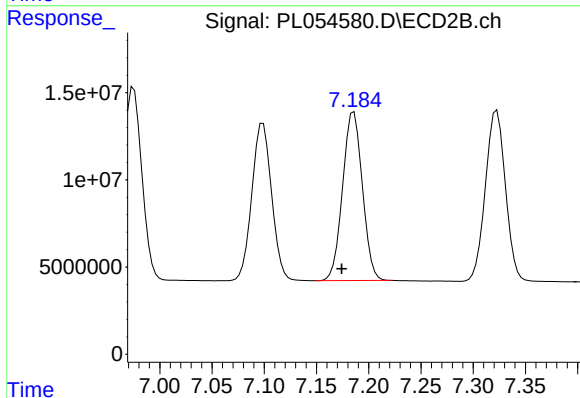
#17 4,4'-DDT

R.T.: 6.481 min  
Delta R.T.: -0.001 min  
Response: 623507691  
Conc: 68.77 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
SU-02-112019MSD

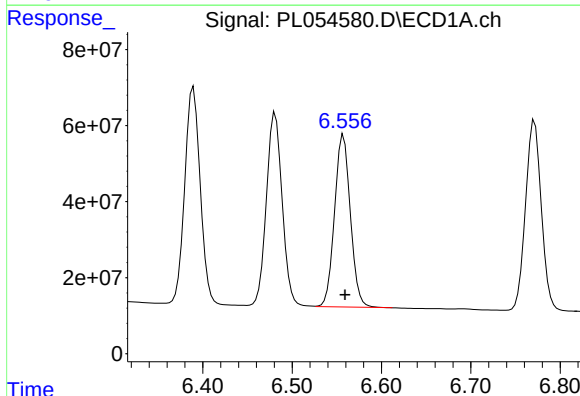
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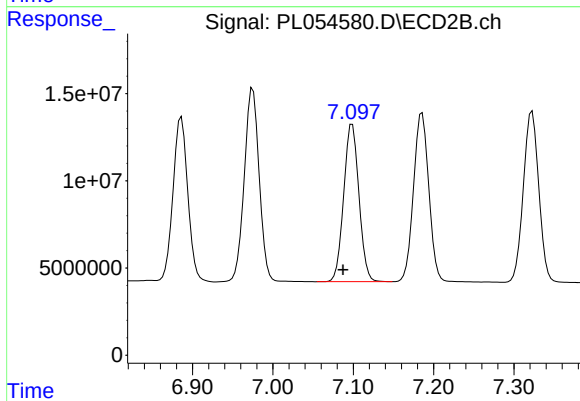
#17 4,4'-DDT

R.T.: 7.186 min  
Delta R.T.: 0.012 min  
Response: 127262112  
Conc: 64.88 ng/ml



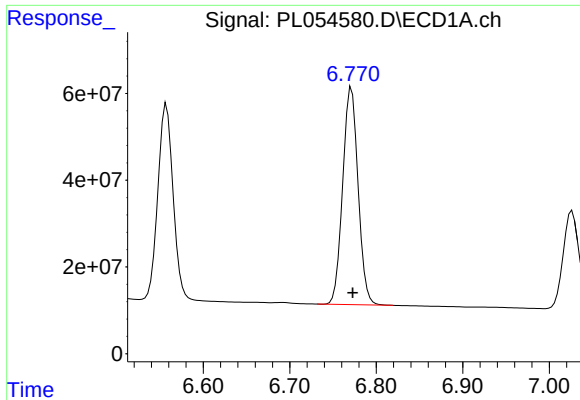
#18 Endrin aldehyde

R.T.: 6.557 min  
Delta R.T.: -0.002 min  
Response: 555884504  
Conc: 64.91 ng/ml



#18 Endrin aldehyde

R.T.: 7.099 min  
Delta R.T.: 0.012 min  
Response: 119267456  
Conc: 63.05 ng/ml



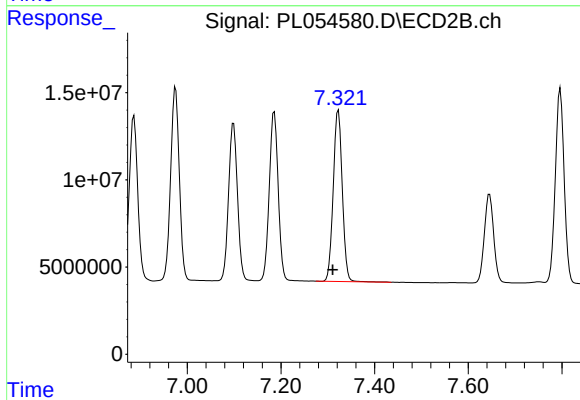
#19 Endosulfan Sulfate

R.T.: 6.771 min  
Delta R.T.: -0.001 min  
Response: 615179691  
Conc: 65.69 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
SU-02-112019MSD

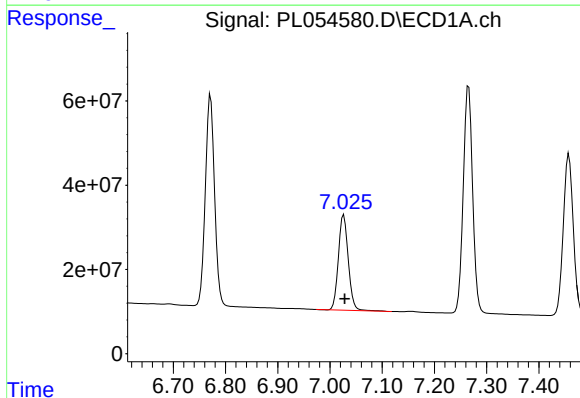
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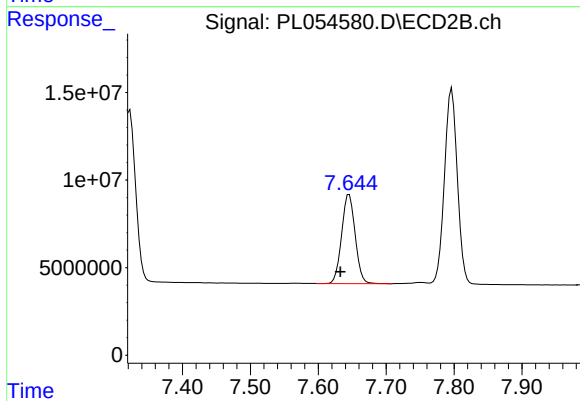
#19 Endosulfan Sulfate

R.T.: 7.323 min  
Delta R.T.: 0.012 min  
Response: 131636158  
Conc: 63.73 ng/ml



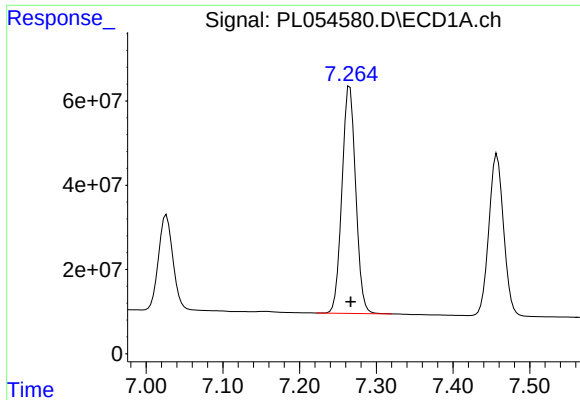
#20 Methoxychlor

R.T.: 7.026 min  
Delta R.T.: -0.001 min  
Response: 299247749  
Conc: 65.38 ng/ml



#20 Methoxychlor

R.T.: 7.646 min  
Delta R.T.: 0.013 min  
Response: 70300991  
Conc: 63.00 ng/ml



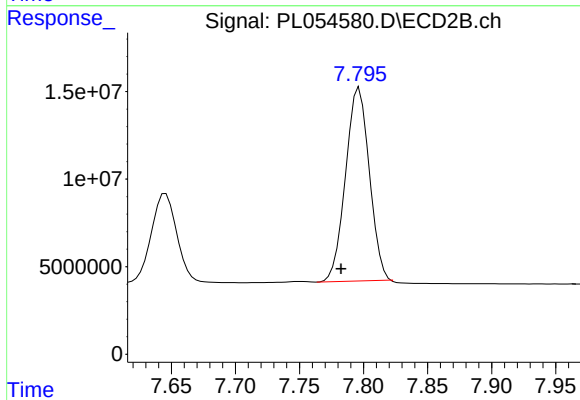
#21 Endrin ketone

R.T.: 7.265 min  
Delta R.T.: -0.001 min  
Response: 672721135  
Conc: 66.97 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
SU-02-112019MSD

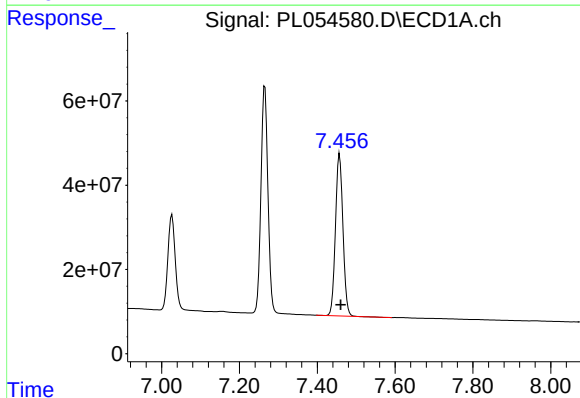
Manual Integrations  
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11/26/2019 9:56:58 AM



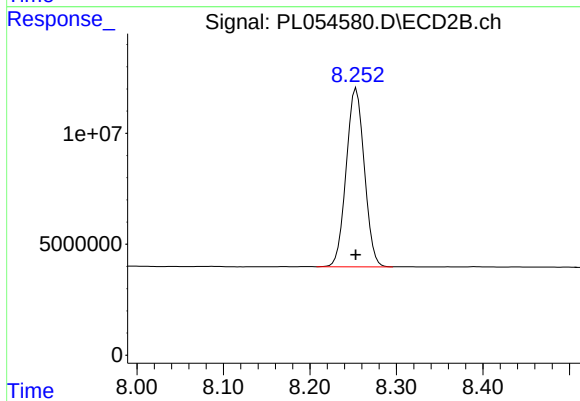
#21 Endrin ketone

R.T.: 7.797 min  
Delta R.T.: 0.014 min  
Response: 142624007  
Conc: 62.98 ng/ml



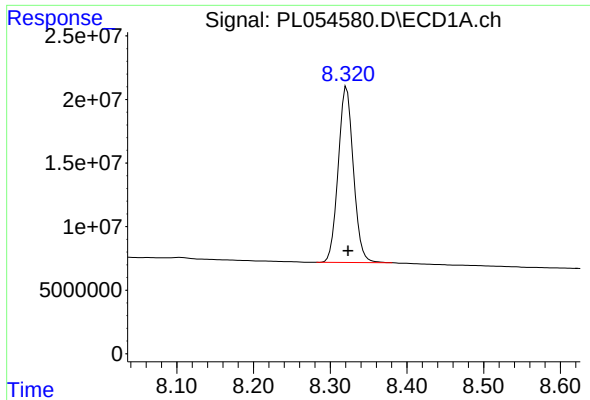
#22 Mirex

R.T.: 7.457 min  
Delta R.T.: -0.003 min  
Response: 511731086  
Conc: 67.19 ng/ml



#22 Mirex

R.T.: 8.252 min  
Delta R.T.: 0.000 min  
Response: 116754456  
Conc: 68.93 ng/ml m



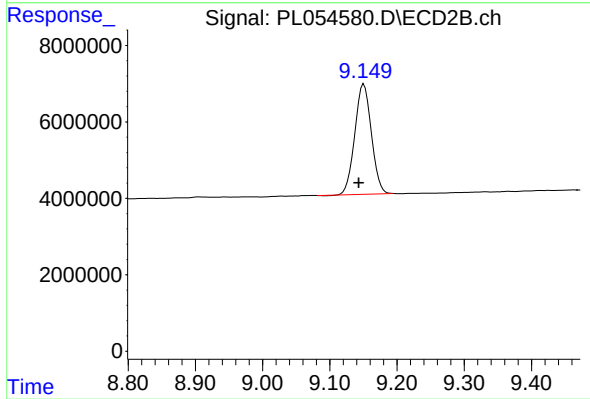
#28 Decachlorobiphenyl

R.T.: 8.321 min  
Delta R.T.: -0.002 min  
Response: 189922838  
Conc: 21.46 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
SU-02-112019MSD

Manual Integrations  
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#28 Decachlorobiphenyl

R.T.: 9.151 min  
Delta R.T.: 0.008 min  
Response: 49402907  
Conc: 20.43 ng/ml