

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL111419\  
 Data File : PL054251.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 14 Nov 2019 16:20  
 Operator : SG\AJ  
 Sample : PB124802BS  
 Misc :  
 ALS Vial : 16 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 PB124802BS

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Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Nov 15 00:37:17 2019  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL101919.M  
 Quant Title : GC Extractables  
 QLast Update : Fri Oct 18 13:56:08 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 | 4.042 | 184.5E6 | 43047689 | 17.017  | 17.203 |
| 28)                         | SA Decachlor... | 8.324 | 9.121 | 210.6E6 | 47638886 | 21.466  | 16.917 |
| Target Compounds            |                 |       |       |         |          |         |        |
| 2)                          | A alpha-BHC     | 3.983 | 4.434 | 893.4E6 | 169.5E6  | 51.236  | 49.026 |
| 3)                          | MA gamma-BHC... | 4.270 | 4.719 | 810.9E6 | 158.8E6  | 52.068  | 49.312 |
| 4)                          | MA Heptachlor   | 4.576 | 5.228 | 808.6E6 | 148.4E6  | 51.233  | 46.045 |
| 5)                          | MB Aldrin       | 4.826 | 5.534 | 766.3E6 | 140.6E6  | 53.601m | 47.147 |
| 6)                          | B beta-BHC      | 4.520 | 4.889 | 340.7E6 | 70744528 | 51.706  | 45.801 |
| 7)                          | B delta-BHC     | 4.729 | 5.107 | 734.6E6 | 135.5E6  | 48.260  | 44.848 |
| 8)                          | B Heptachlo...  | 5.273 | 5.920 | 717.7E6 | 131.9E6  | 53.162  | 45.217 |
| 9)                          | A Endosulfan I  | 5.614 | 6.277 | 635.0E6 | 125.3E6  | 51.656  | 46.231 |
| 10)                         | B gamma-Chl...  | 5.501 | 6.154 | 716.4E6 | 128.4E6  | 52.512  | 44.012 |
| 11)                         | B alpha-Chl...  | 5.560 | 6.227 | 678.1E6 | 134.3E6  | 50.970  | 46.007 |
| 12)                         | B 4,4'-DDE      | 5.723 | 6.383 | 634.3E6 | 129.9E6  | 53.386  | 46.138 |
| 13)                         | MA Dieldrin     | 5.859 | 6.534 | 667.8E6 | 131.8E6  | 51.233  | 46.192 |
| 14)                         | MA Endrin       | 6.118 | 6.752 | 597.1E6 | 113.8E6  | 51.515  | 46.893 |
| 15)                         | B Endosulfa...  | 6.391 | 6.961 | 555.2E6 | 123.4E6  | 49.658  | 48.294 |
| 16)                         | A 4,4'-DDD      | 6.241 | 6.873 | 479.1E6 | 104.9E6  | 53.828  | 50.325 |
| 17)                         | MA 4,4'-DDT     | 6.483 | 7.172 | 483.7E6 | 106.7E6  | 48.830  | 46.155 |
| 18)                         | B Endrin al...  | 6.559 | 7.085 | 449.4E6 | 108.9E6  | 49.010  | 49.551 |
| 19)                         | B Endosulfa...  | 6.773 | 7.308 | 490.0E6 | 110.2E6  | 48.172  | 44.895 |
| 20)                         | A Methoxychlor  | 7.027 | 7.630 | 236.4E6 | 58559631 | 47.958  | 45.084 |
| 21)                         | B Endrin ke...  | 7.267 | 7.779 | 537.8E6 | 122.0E6  | 49.958  | 47.305 |
| 22)                         | Mirex           | 7.459 | 8.234 | 459.2E6 | 102.3E6  | 53.685  | 50.562 |
| -----                       |                 |       |       |         |          |         |        |

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL111419\  
 Data File : PL054251.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 14 Nov 2019 16:20  
 Operator : SG\AJ  
 Sample : PB124802BS  
 Misc :  
 ALS Vial : 16 Sample Multiplier: 1

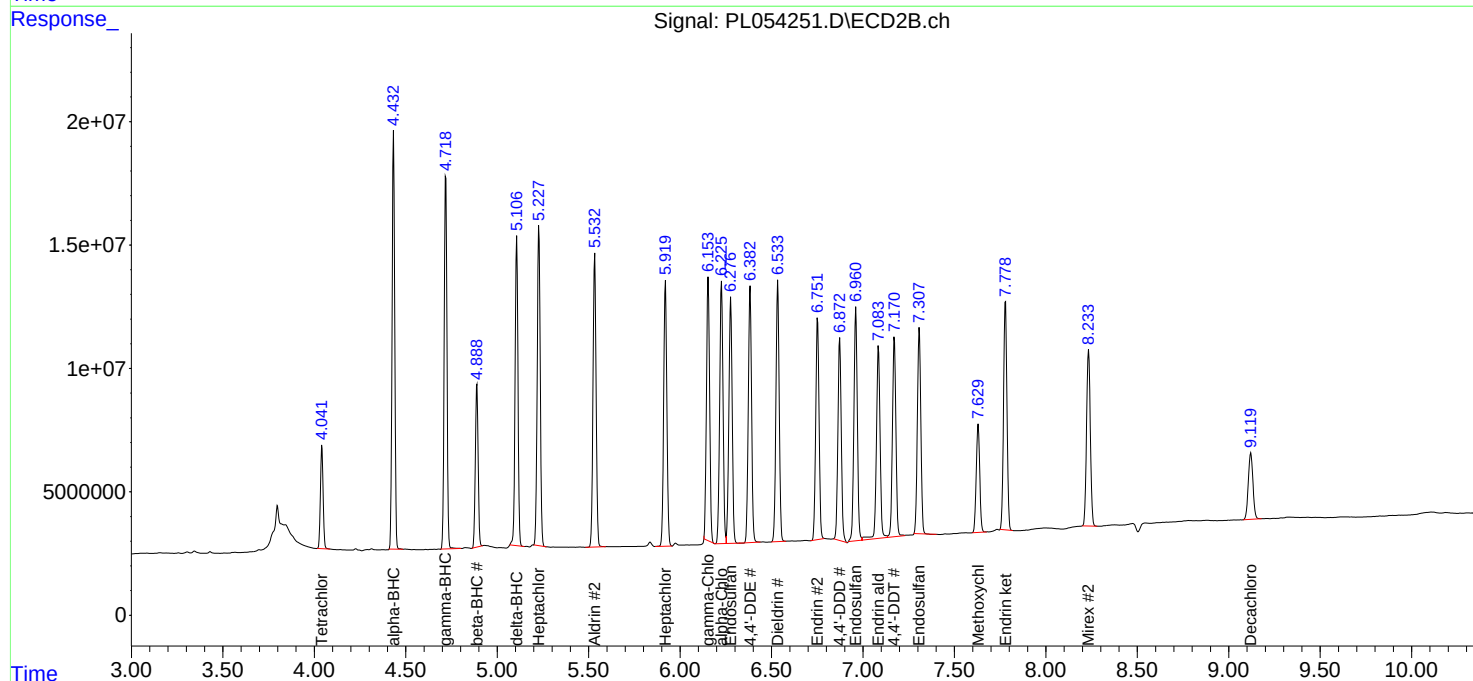
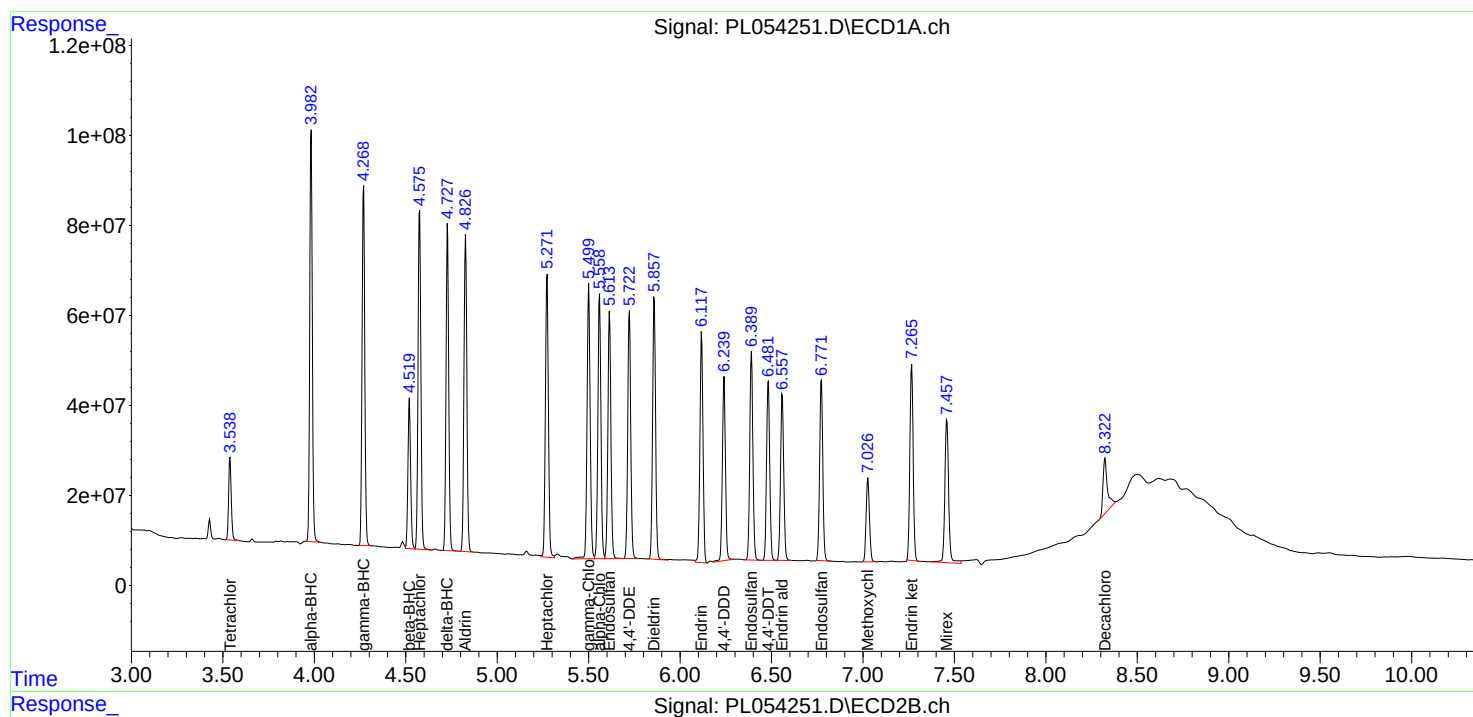
Instrument :  
 ECD\_L  
 ClientSampled :  
 PB124802BS

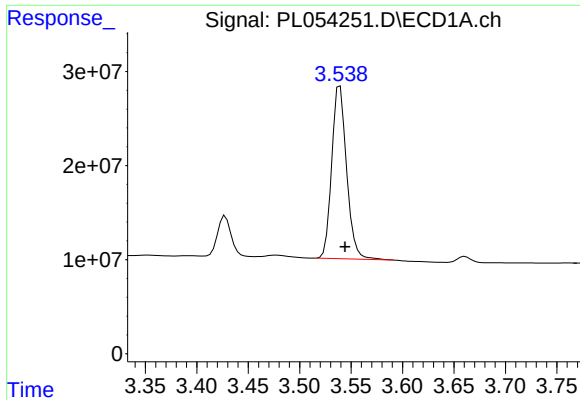
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Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Nov 15 00:37:17 2019  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL101919.M  
 Quant Title : GC Extractables  
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Volume 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





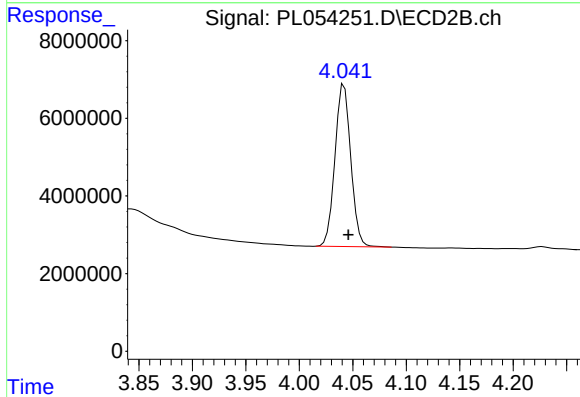
#1 Tetrachloro-m-xylene

R.T.: 3.539 min  
Delta R.T.: -0.005 min  
Response: 184452168  
Conc: 17.02 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB124802BS

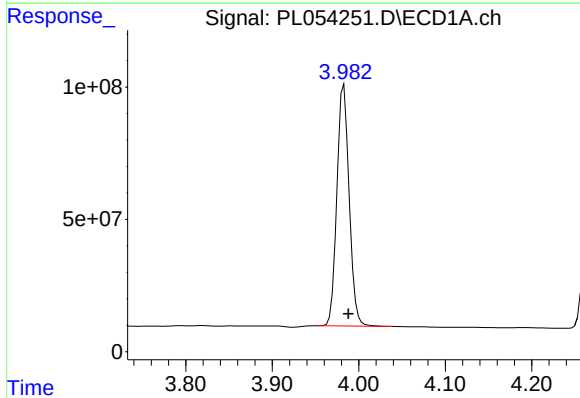
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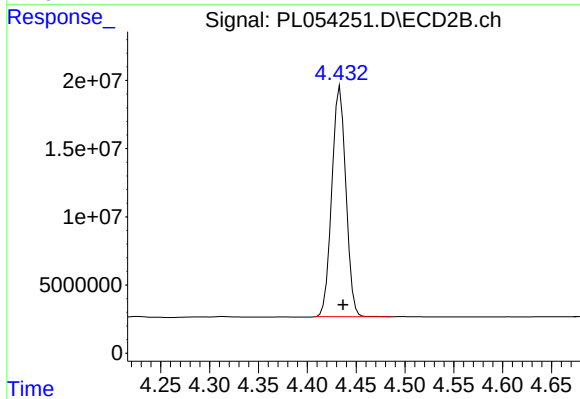
#1 Tetrachloro-m-xylene

R.T.: 4.042 min  
Delta R.T.: -0.004 min  
Response: 43047689  
Conc: 17.20 ng/ml



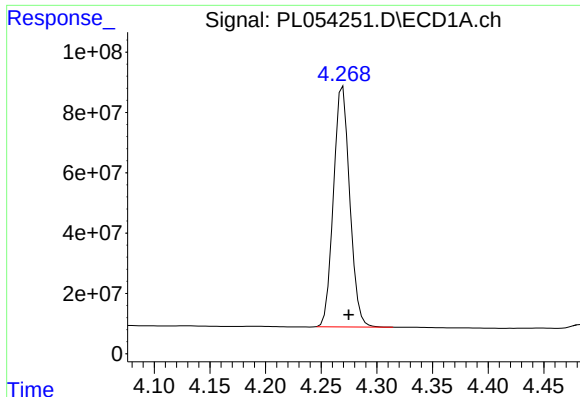
#2 alpha-BHC

R.T.: 3.983 min  
Delta R.T.: -0.005 min  
Response: 893376535  
Conc: 51.24 ng/ml



#2 alpha-BHC

R.T.: 4.434 min  
Delta R.T.: -0.003 min  
Response: 169486891  
Conc: 49.03 ng/ml



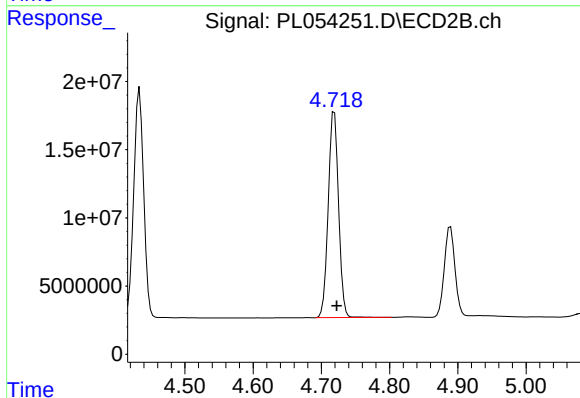
#3 gamma-BHC (Lindane)

R.T.: 4.270 min  
Delta R.T.: -0.005 min  
Response: 810889988  
Conc: 52.07 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB124802BS

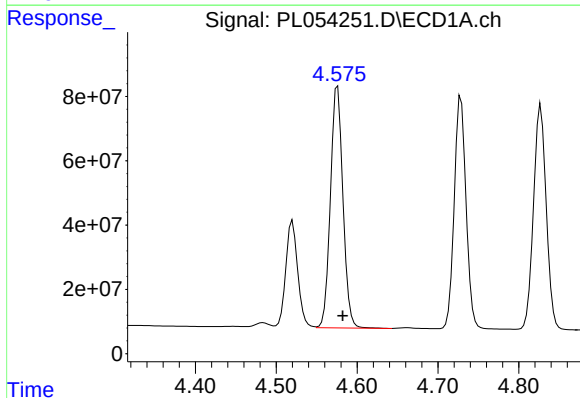
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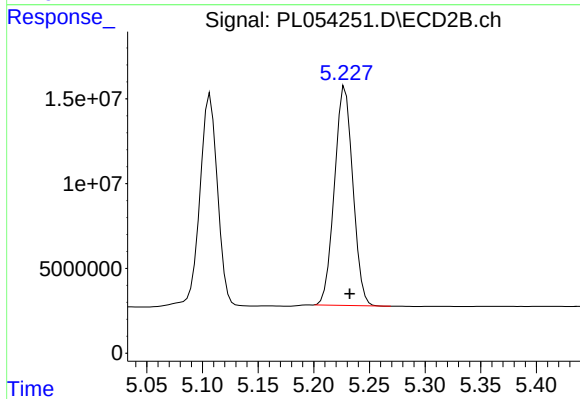
#3 gamma-BHC (Lindane)

R.T.: 4.719 min  
Delta R.T.: -0.003 min  
Response: 158805044  
Conc: 49.31 ng/ml



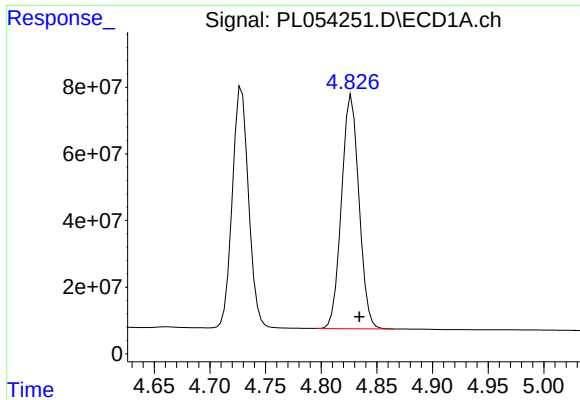
#4 Heptachlor

R.T.: 4.576 min  
Delta R.T.: -0.006 min  
Response: 808608812  
Conc: 51.23 ng/ml



#4 Heptachlor

R.T.: 5.228 min  
Delta R.T.: -0.004 min  
Response: 148363173  
Conc: 46.04 ng/ml



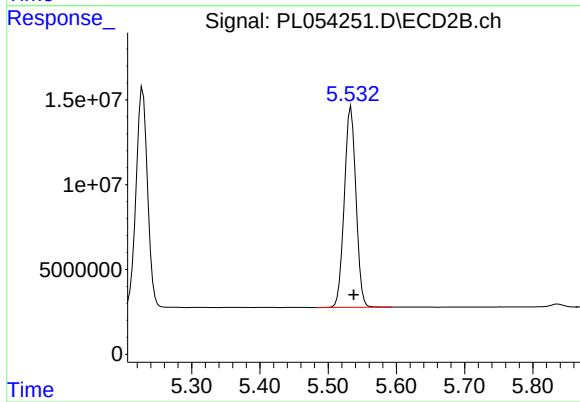
#5 Aldrin

R.T.: 4.826 min  
Delta R.T.: -0.008 min  
Response: 766259402  
Conc: 53.60 ng/ml m

Instrument :  
ECD\_L  
ClientSampleId :  
PB124802BS

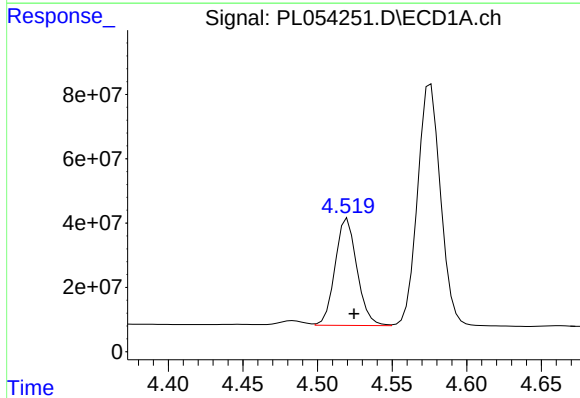
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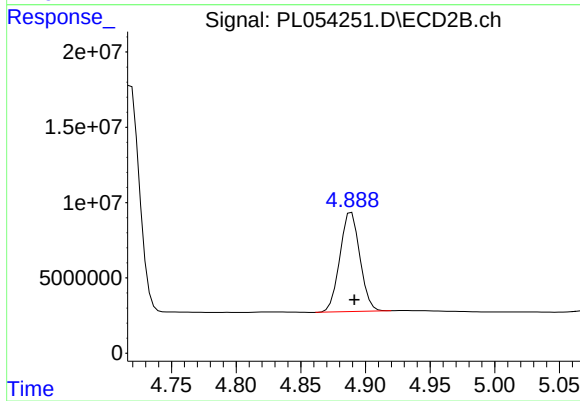
#5 Aldrin

R.T.: 5.534 min  
Delta R.T.: -0.004 min  
Response: 140570583  
Conc: 47.15 ng/ml



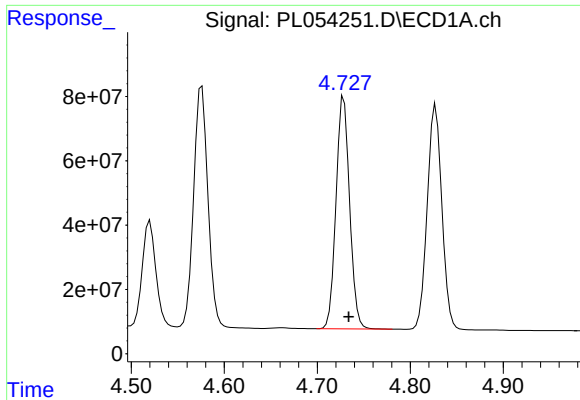
#6 beta-BHC

R.T.: 4.520 min  
Delta R.T.: -0.004 min  
Response: 340735673  
Conc: 51.71 ng/ml



#6 beta-BHC

R.T.: 4.889 min  
Delta R.T.: -0.002 min  
Response: 70744528  
Conc: 45.80 ng/ml



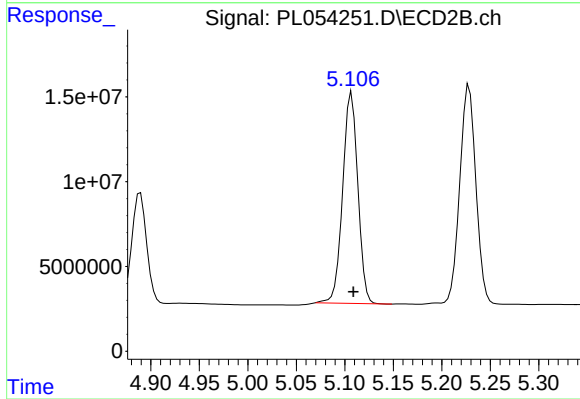
#7 delta-BHC

R.T.: 4.729 min  
Delta R.T.: -0.005 min  
Response: 734573419  
Conc: 48.26 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB124802BS

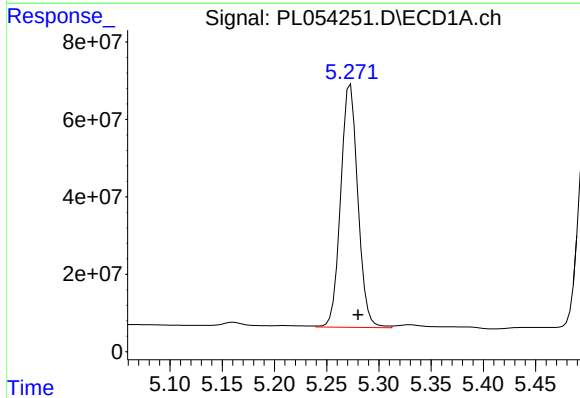
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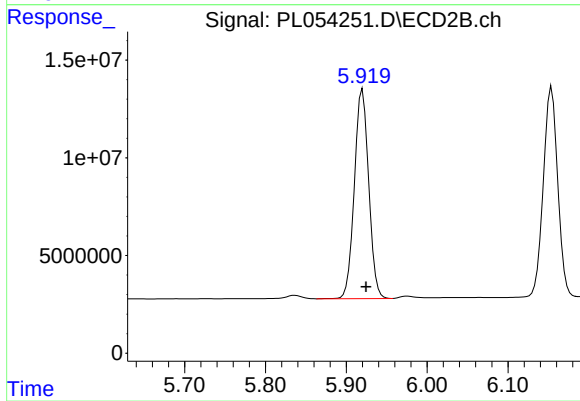
#7 delta-BHC

R.T.: 5.107 min  
Delta R.T.: -0.002 min  
Response: 135466331  
Conc: 44.85 ng/ml



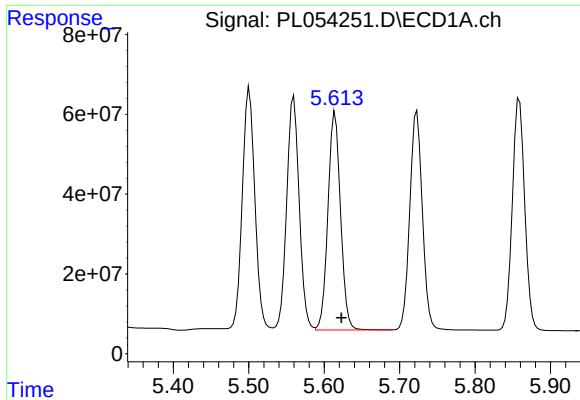
#8 Heptachlor epoxide

R.T.: 5.273 min  
Delta R.T.: -0.007 min  
Response: 717651464  
Conc: 53.16 ng/ml



#8 Heptachlor epoxide

R.T.: 5.920 min  
Delta R.T.: -0.004 min  
Response: 131871450  
Conc: 45.22 ng/ml



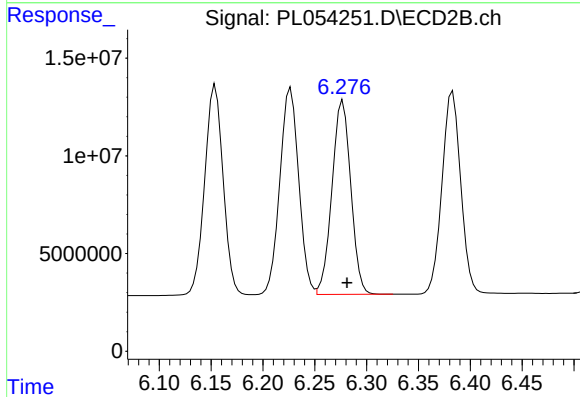
# #9 Endosulfan I

R.T.: 5.614 min  
Delta R.T.: -0.008 min  
Response: 634961008  
Conc: 51.66 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB124802BS

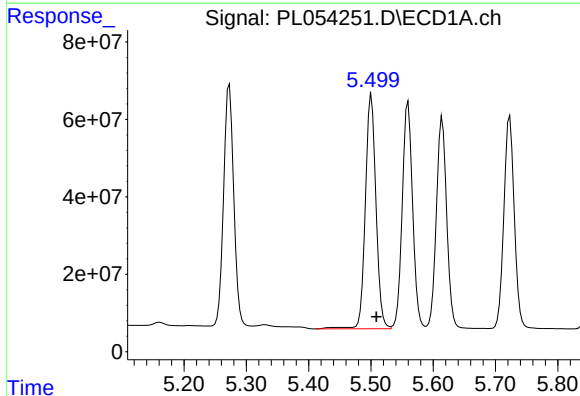
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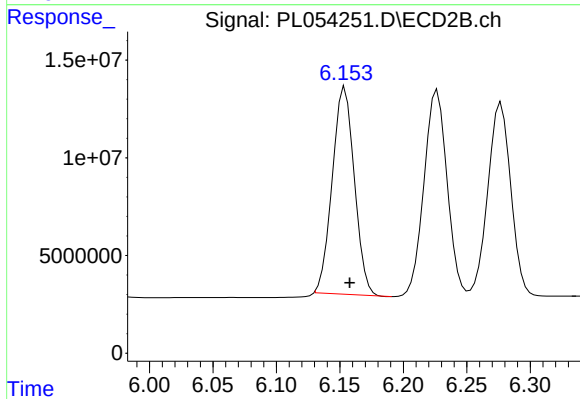
# #9 Endosulfan I

R.T.: 6.277 min  
Delta R.T.: -0.004 min  
Response: 125343271  
Conc: 46.23 ng/ml



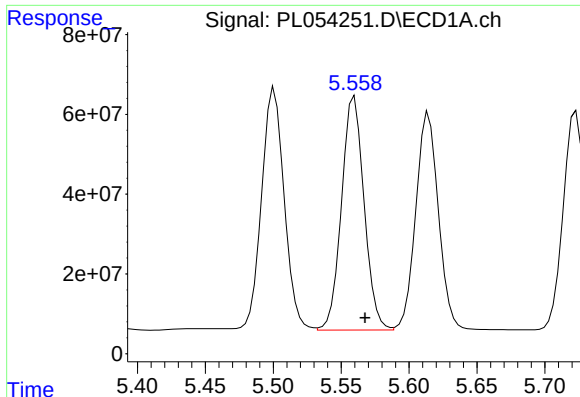
# #10 gamma-Chlordane

R.T.: 5.501 min  
Delta R.T.: -0.008 min  
Response: 716449035  
Conc: 52.51 ng/ml



# #10 gamma-Chlordane

R.T.: 6.154 min  
Delta R.T.: -0.004 min  
Response: 128418365  
Conc: 44.01 ng/ml



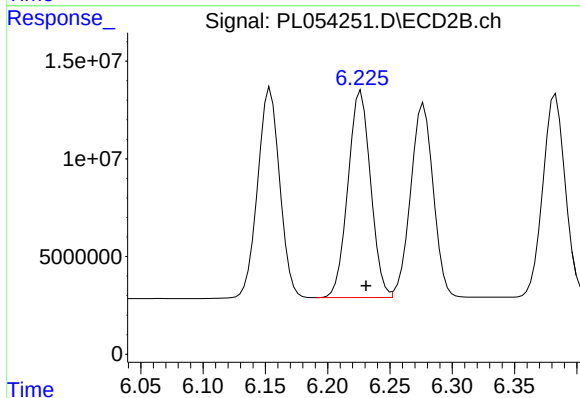
#11 alpha-Chlordane

R.T.: 5.560 min  
Delta R.T.: -0.008 min  
Response: 678084161  
Conc: 50.97 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB124802BS

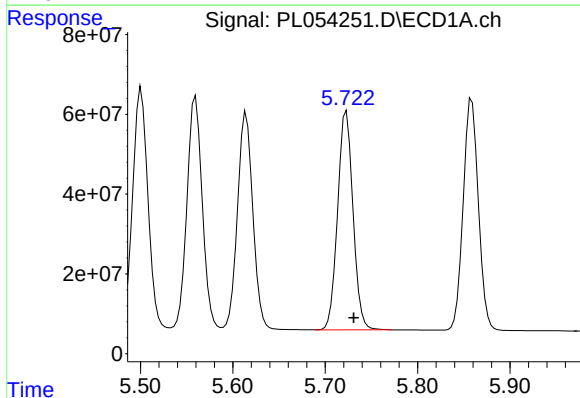
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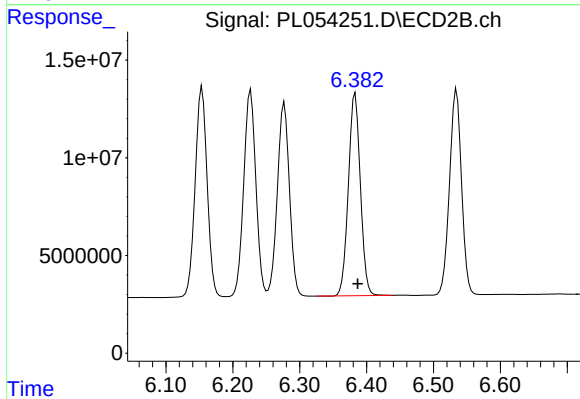
#11 alpha-Chlordane

R.T.: 6.227 min  
Delta R.T.: -0.004 min  
Response: 134304616  
Conc: 46.01 ng/ml



#12 4,4'-DDE

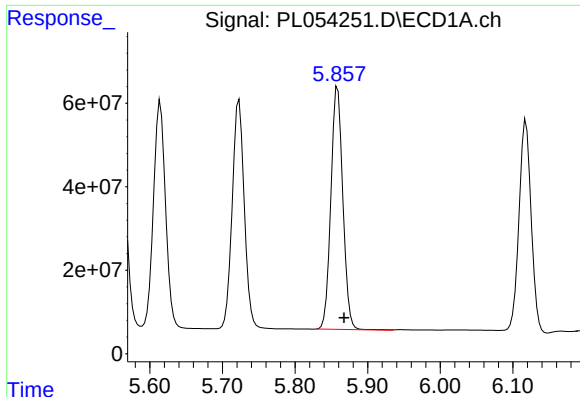
R.T.: 5.723 min  
Delta R.T.: -0.008 min  
Response: 634339529  
Conc: 53.39 ng/ml



#12 4,4'-DDE

R.T.: 6.383 min  
Delta R.T.: -0.004 min  
Response: 129941278  
Conc: 46.14 ng/ml





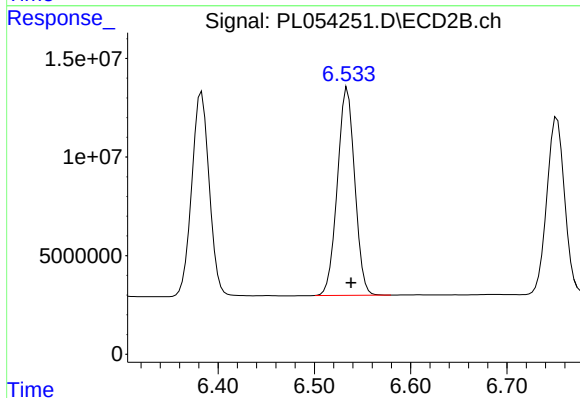
#13 Dieldrin

R.T.: 5.859 min  
Delta R.T.: -0.009 min  
Response: 667752663  
Conc: 51.23 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB124802BS

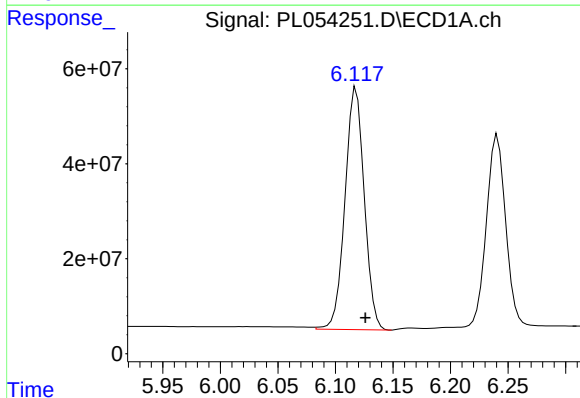
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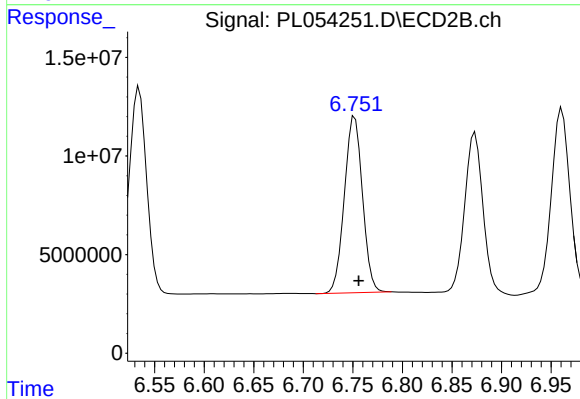
#13 Dieldrin

R.T.: 6.534 min  
Delta R.T.: -0.004 min  
Response: 131814825  
Conc: 46.19 ng/ml



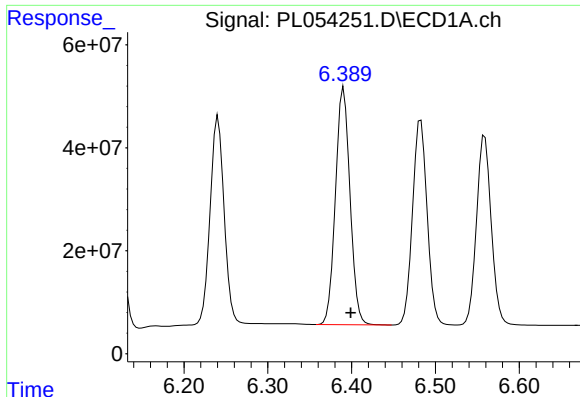
#14 Endrin

R.T.: 6.118 min  
Delta R.T.: -0.008 min  
Response: 597120442  
Conc: 51.51 ng/ml



#14 Endrin

R.T.: 6.752 min  
Delta R.T.: -0.004 min  
Response: 113819351  
Conc: 46.89 ng/ml



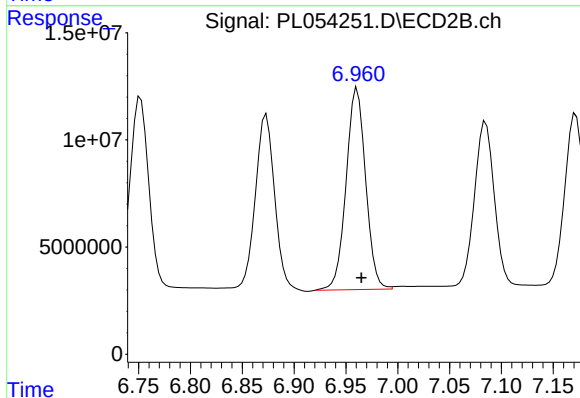
#15 Endosulfan II

R.T.: 6.391 min  
Delta R.T.: -0.008 min  
Response: 555196175  
Conc: 49.66 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB124802BS

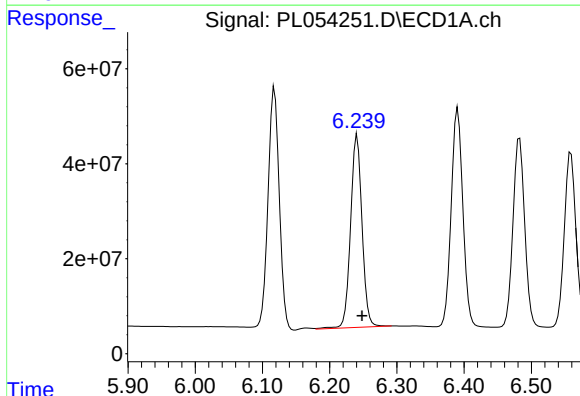
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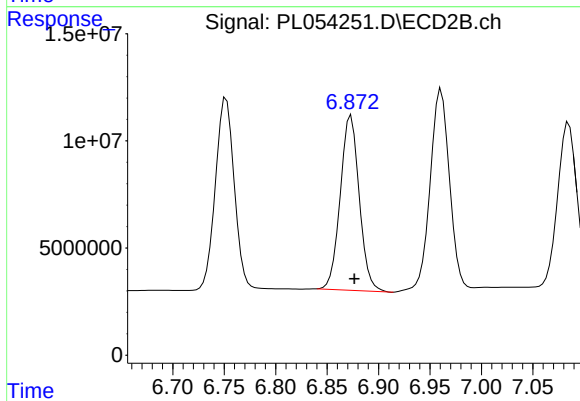
#15 Endosulfan II

R.T.: 6.961 min  
Delta R.T.: -0.004 min  
Response: 123367780  
Conc: 48.29 ng/ml



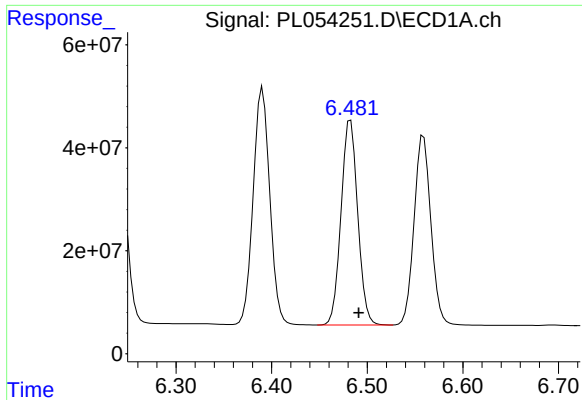
#16 4,4'-DDD

R.T.: 6.241 min  
Delta R.T.: -0.008 min  
Response: 479061757  
Conc: 53.83 ng/ml



#16 4,4'-DDD

R.T.: 6.873 min  
Delta R.T.: -0.003 min  
Response: 104876370  
Conc: 50.33 ng/ml



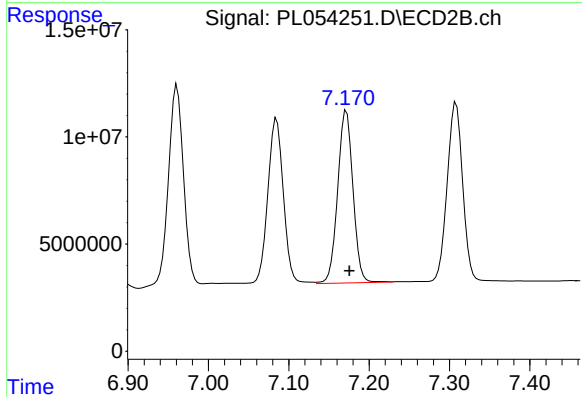
#17 4,4'-DDT

R.T.: 6.483 min  
Delta R.T.: -0.009 min  
Response: 483723628  
Conc: 48.83 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB124802BS

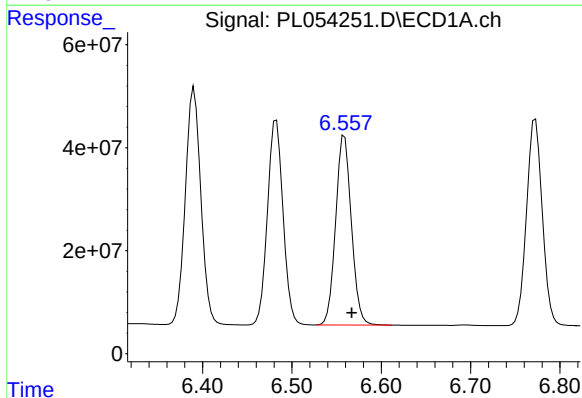
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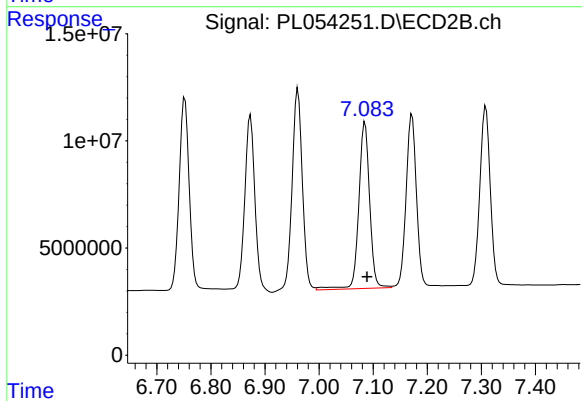
#17 4,4'-DDT

R.T.: 7.172 min  
Delta R.T.: -0.004 min  
Response: 106733707  
Conc: 46.15 ng/ml



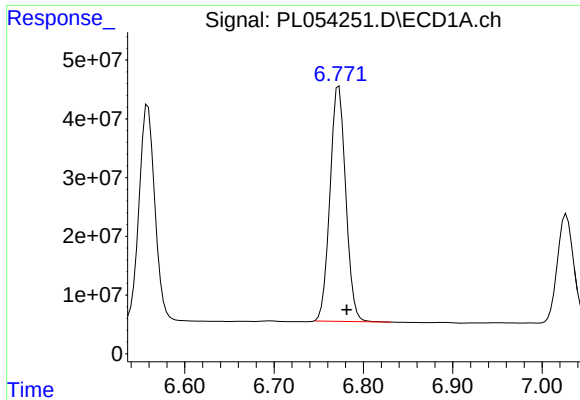
#18 Endrin aldehyde

R.T.: 6.559 min  
Delta R.T.: -0.008 min  
Response: 449386924  
Conc: 49.01 ng/ml



#18 Endrin aldehyde

R.T.: 7.085 min  
Delta R.T.: -0.004 min  
Response: 108851454  
Conc: 49.55 ng/ml



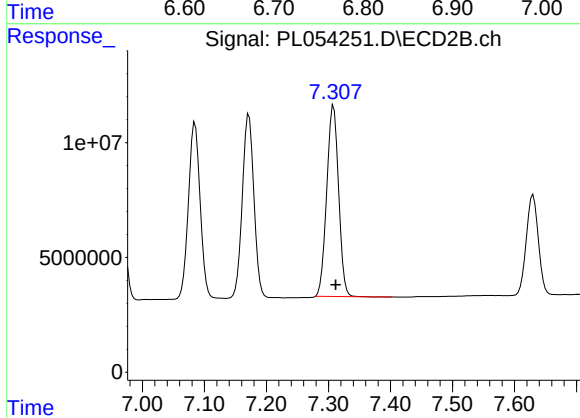
#19 Endosulfan Sulfate

R.T.: 6.773 min  
Delta R.T.: -0.009 min  
Response: 489986933  
Conc: 48.17 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB124802BS

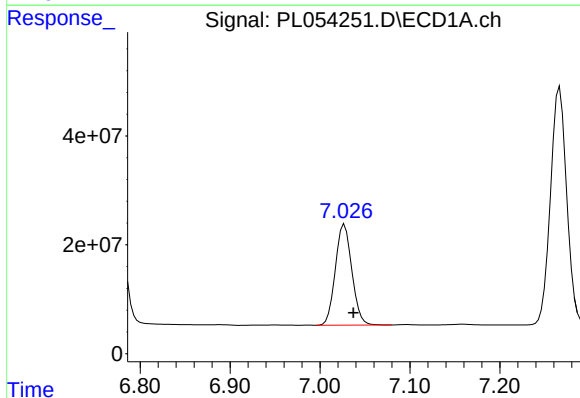
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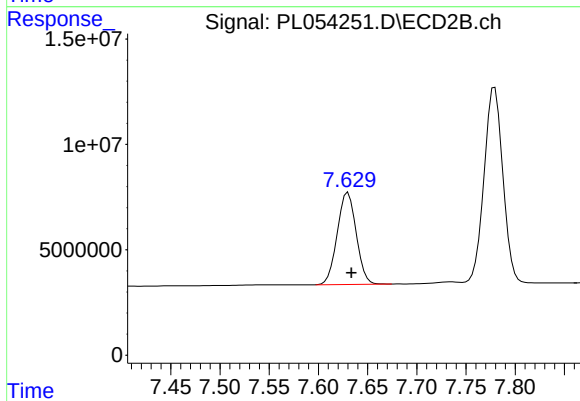
#19 Endosulfan Sulfate

R.T.: 7.308 min  
Delta R.T.: -0.003 min  
Response: 110155359  
Conc: 44.90 ng/ml



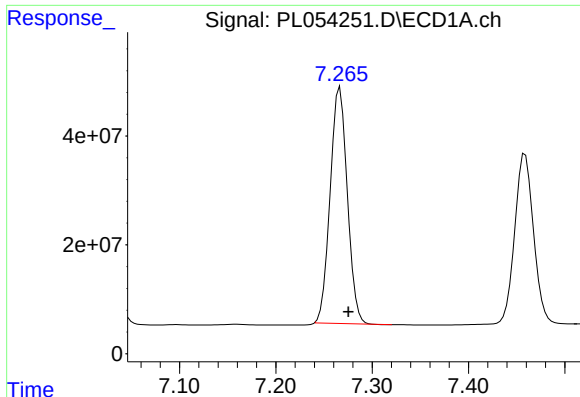
#20 Methoxychlor

R.T.: 7.027 min  
Delta R.T.: -0.010 min  
Response: 236449065  
Conc: 47.96 ng/ml



#20 Methoxychlor

R.T.: 7.630 min  
Delta R.T.: -0.003 min  
Response: 58559631  
Conc: 45.08 ng/ml



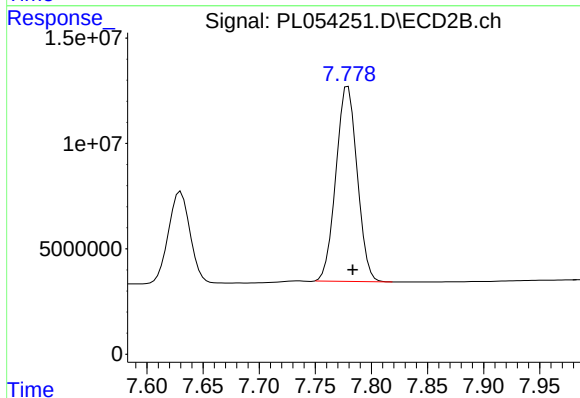
#21 Endrin ketone

R.T.: 7.267 min  
Delta R.T.: -0.009 min  
Response: 537800482  
Conc: 49.96 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB124802BS

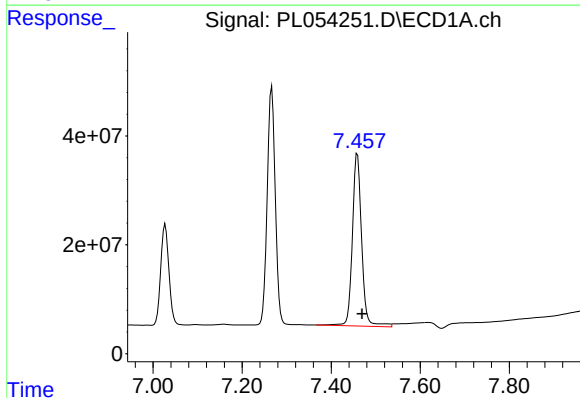
Manual Integrations  
APPROVED

Ankita  
11/15/2019 11:22:22 AM



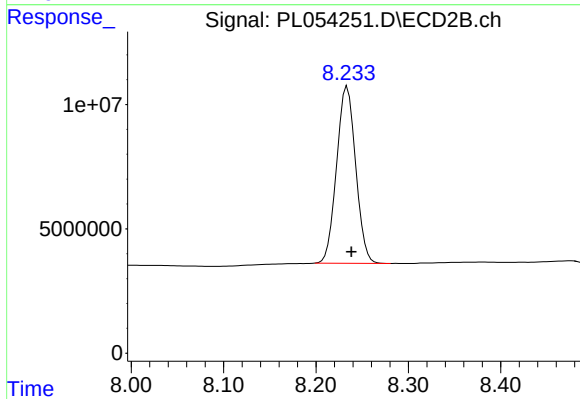
#21 Endrin ketone

R.T.: 7.779 min  
Delta R.T.: -0.004 min  
Response: 121975840  
Conc: 47.31 ng/ml



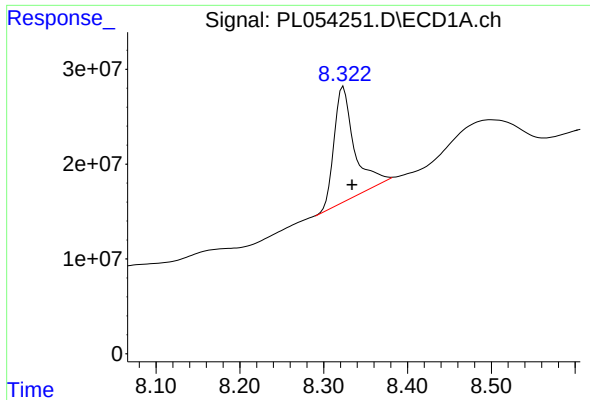
#22 Mirex

R.T.: 7.459 min  
Delta R.T.: -0.010 min  
Response: 459166726  
Conc: 53.68 ng/ml



#22 Mirex

R.T.: 8.234 min  
Delta R.T.: -0.005 min  
Response: 102290249  
Conc: 50.56 ng/ml



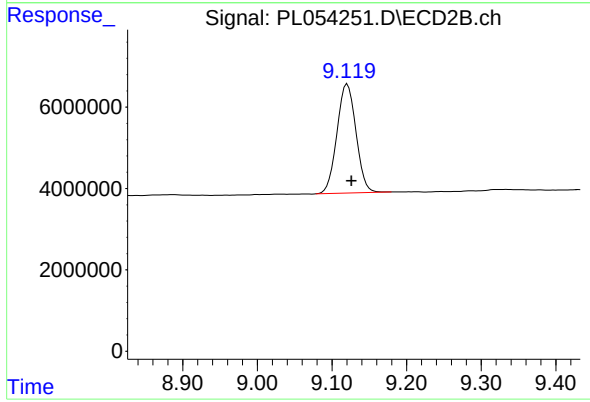
#28 Decachlorobiphenyl

R.T.: 8.324 min  
Delta R.T.: -0.010 min  
Response: 210617270  
Conc: 21.47 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB124802BS

Manual Integrations  
APPROVED

Ankita  
11/15/2019 11:22:22 AM



#28 Decachlorobiphenyl

R.T.: 9.121 min  
Delta R.T.: -0.006 min  
Response: 47638886  
Conc: 16.92 ng/ml