

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL112618\  
 Data File : PL042479.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 26 Nov 2018 21:31  
 Operator : AJ\SJ  
 Sample : PEM  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 PEM

Manual Integrations  
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Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Nov 27 00:39:47 2018  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL112018.M  
 Quant Title : GC Extractables  
 QLast Update : Tue Nov 20 02:29:59 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... | 3.468 | 4.103 | 126.0E6  | 66855005 | 21.419  | 23.245  |
| 28)                         | SA Decachlor... | 8.210 | 9.238 | 106.9E6  | 44458452 | 16.962  | 18.433  |
| Target Compounds            |                 |       |       |          |          |         |         |
| 2)                          | A alpha-BHC     | 3.908 | 4.499 | 90512064 | 49036684 | 10.031  | 11.450  |
| 3)                          | MA gamma-BHC... | 4.191 | 4.787 | 83108889 | 46363137 | 10.084  | 11.733  |
| 6)                          | B beta-BHC      | 4.445 | 4.955 | 38690665 | 18312285 | 10.921  | 11.607m |
| 12)                         | B 4,4'-DDE      | 5.625 | 6.462 | 1197996  | 906481   | 0.183m  | 0.272m# |
| 14)                         | MA Endrin       | 6.015 | 6.840 | 341.3E6  | 146.6E6  | 52.187  | 53.228  |
| 16)                         | A 4,4'-DDD      | 6.143 | 6.957 | 29281934 | 16460313 | 5.530   | 6.254   |
| 17)                         | MA 4,4'-DDT     | 6.381 | 7.258 | 553.0E6  | 245.6E6  | 99.342  | 92.992  |
| 18)                         | B Endrin al...  | 6.455 | 7.168 | 1700380  | 516299   | 0.327   | 0.225m# |
| 20)                         | A Methoxychlor  | 6.928 | 7.713 | 742.2E6  | 299.7E6  | 235.334 | 219.824 |
| 21)                         | B Endrin ke...  | 7.160 | 7.871 | 7946778  | 3245805  | 1.148   | 1.174   |
| -----                       |                 |       |       |          |          |         |         |

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

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Acq On : 26 Nov 2018 21:31  
Operator : AJ\SJ  
Sample : PEM  
Misc :  
ALS Vial : 3 Sample Multiplier: 1

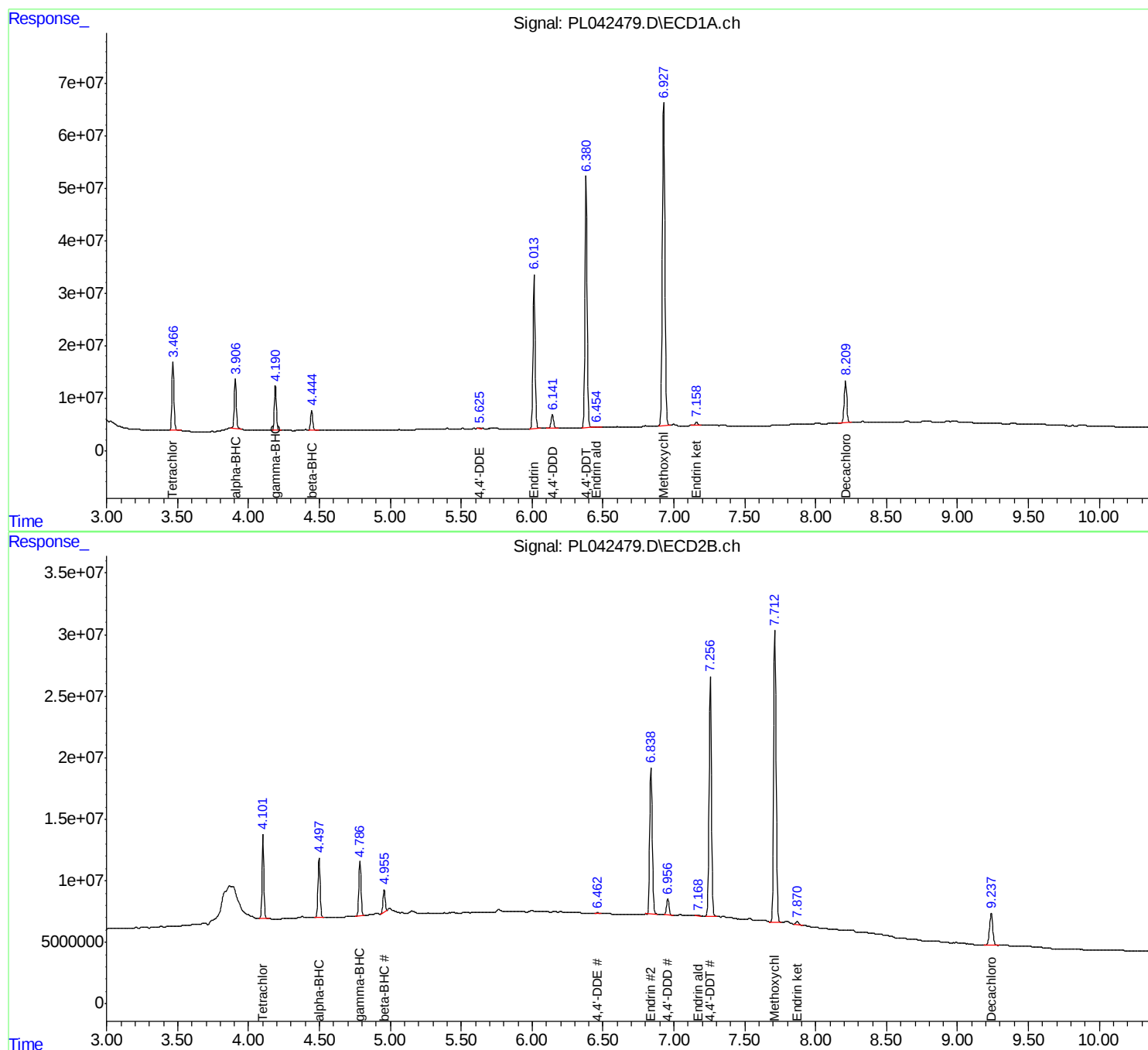
Instrument :  
ECD\_L  
ClientSampleId :  
PEM

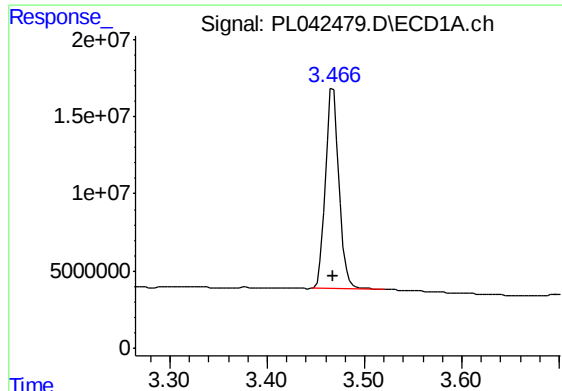
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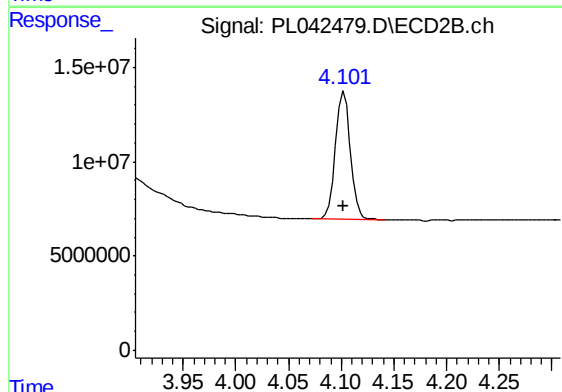
#1 Tetrachloro-m-xylene

R.T.: 3.468 min  
Delta R.T.: 0.000 min  
Response: 126021123  
Conc: 21.42 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PEM

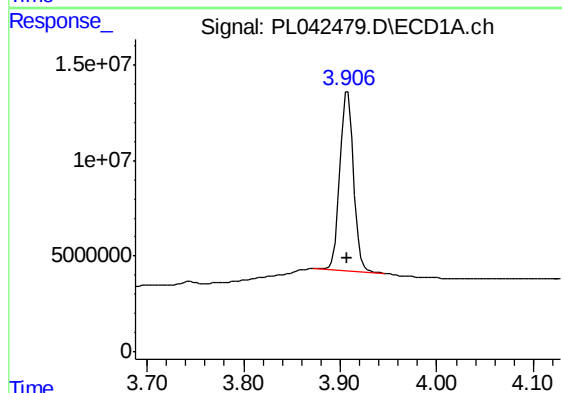
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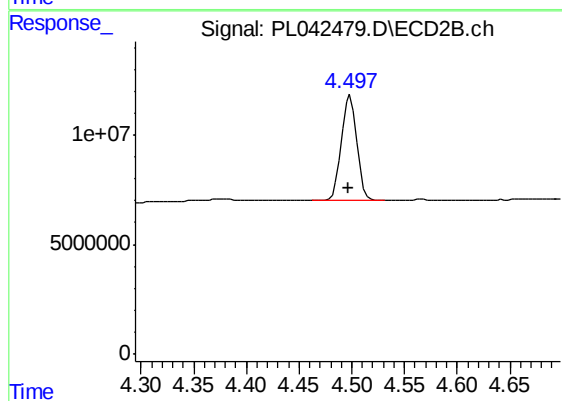
#1 Tetrachloro-m-xylene

R.T.: 4.103 min  
Delta R.T.: 0.001 min  
Response: 66855005  
Conc: 23.24 ng/ml



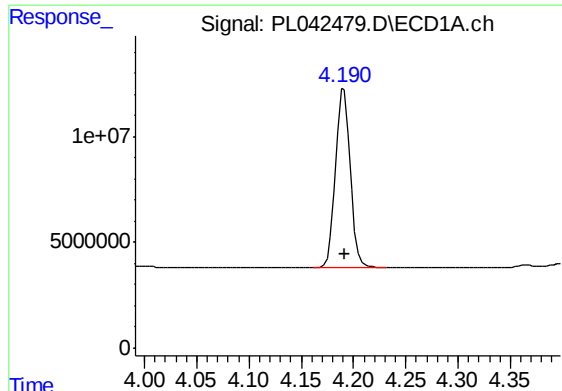
#2 alpha-BHC

R.T.: 3.908 min  
Delta R.T.: 0.000 min  
Response: 90512064  
Conc: 10.03 ng/ml



#2 alpha-BHC

R.T.: 4.499 min  
Delta R.T.: 0.002 min  
Response: 49036684  
Conc: 11.45 ng/ml



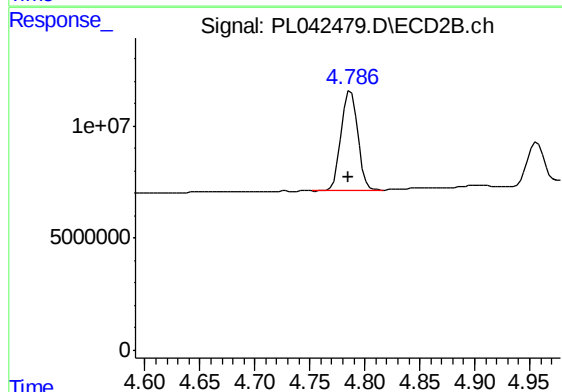
#3 gamma-BHC (Lindane)

R.T.: 4.191 min  
Delta R.T.: 0.000 min  
Response: 83108889  
Conc: 10.08 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PEM

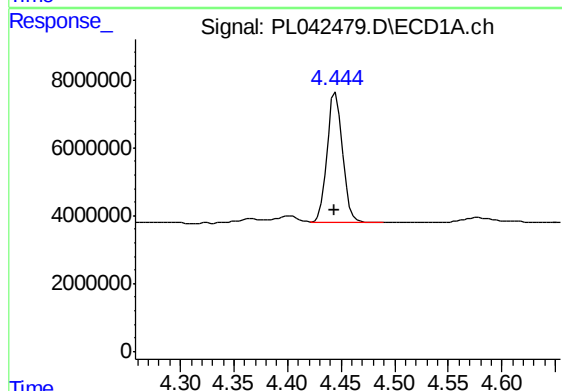
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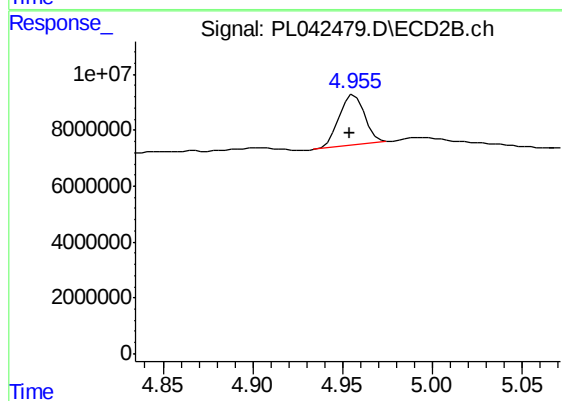
#3 gamma-BHC (Lindane)

R.T.: 4.787 min  
Delta R.T.: 0.002 min  
Response: 46363137  
Conc: 11.73 ng/ml



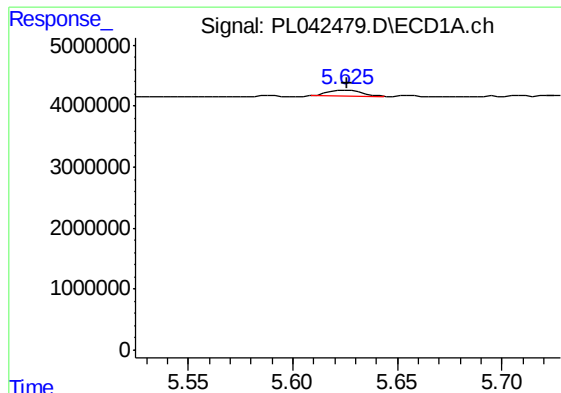
#6 beta-BHC

R.T.: 4.445 min  
Delta R.T.: 0.000 min  
Response: 38690665  
Conc: 10.92 ng/ml



#6 beta-BHC

R.T.: 4.955 min  
Delta R.T.: 0.001 min  
Response: 18312285  
Conc: 11.61 ng/ml m



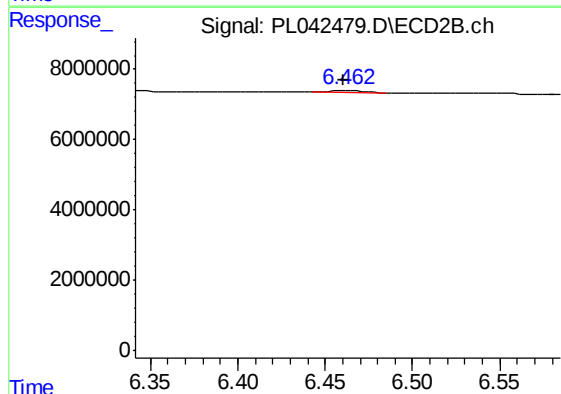
#12 4,4'-DDE

R.T.: 5.625 min  
Delta R.T.: -0.001 min  
Response: 1197996  
Conc: 0.18 ng/ml m

Instrument :  
ECD\_L  
ClientSampleId :  
PEM

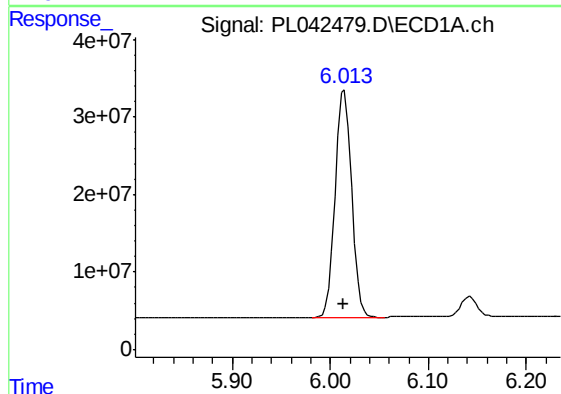
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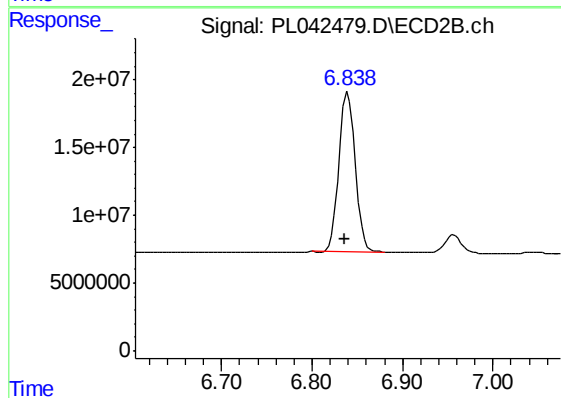
#12 4,4'-DDE

R.T.: 6.462 min  
Delta R.T.: 0.000 min  
Response: 906481  
Conc: 0.27 ng/ml m



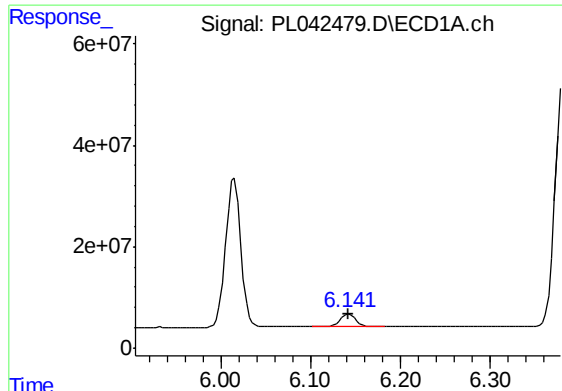
#14 Endrin

R.T.: 6.015 min  
Delta R.T.: 0.002 min  
Response: 341319018  
Conc: 52.19 ng/ml



#14 Endrin

R.T.: 6.840 min  
Delta R.T.: 0.003 min  
Response: 146619764  
Conc: 53.23 ng/ml



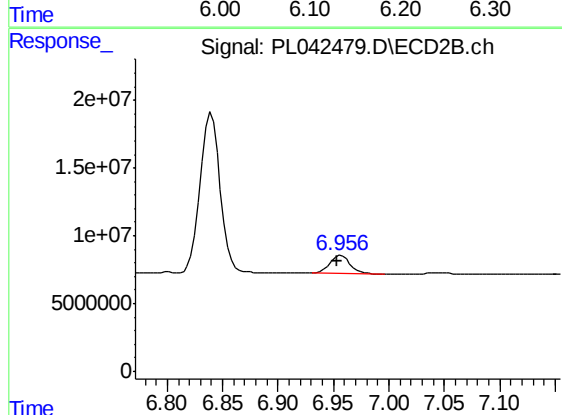
#16 4,4'-DDD

R.T.: 6.143 min  
Delta R.T.: 0.000 min  
Response: 29281934  
Conc: 5.53 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PEM

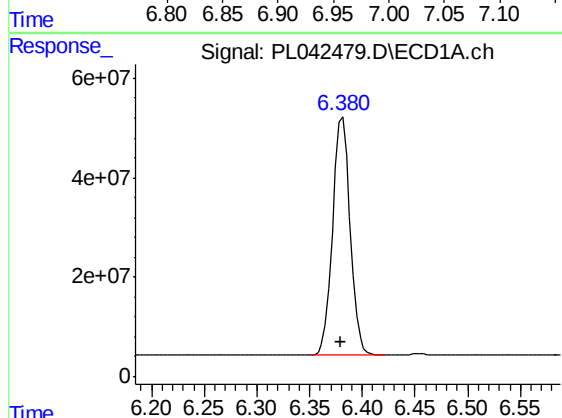
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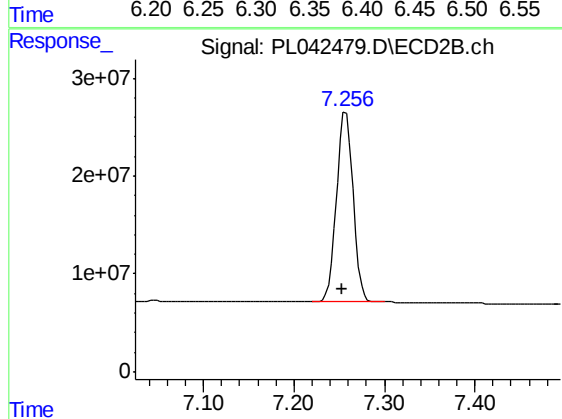
#16 4,4'-DDD

R.T.: 6.957 min  
Delta R.T.: 0.004 min  
Response: 16460313  
Conc: 6.25 ng/ml



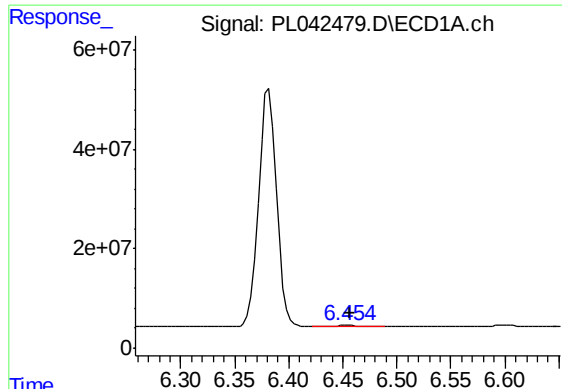
#17 4,4'-DDT

R.T.: 6.381 min  
Delta R.T.: 0.002 min  
Response: 553021805  
Conc: 99.34 ng/ml



#17 4,4'-DDT

R.T.: 7.258 min  
Delta R.T.: 0.005 min  
Response: 245553787  
Conc: 92.99 ng/ml



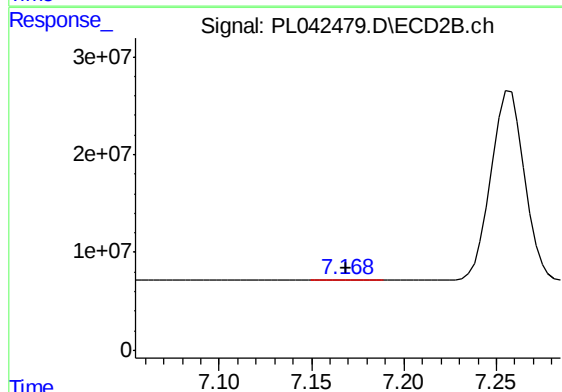
#18 Endrin aldehyde

R.T.: 6.455 min  
Delta R.T.: 0.000 min  
Response: 1700380  
Conc: 0.33 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PEM

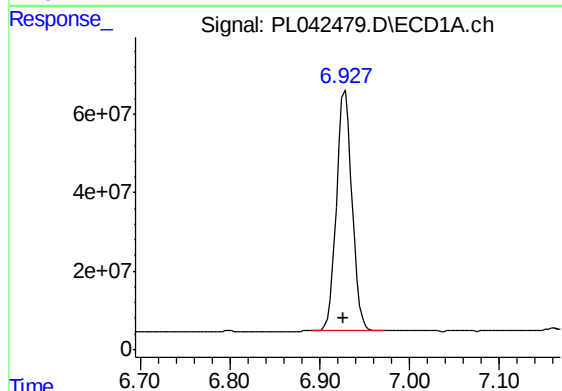
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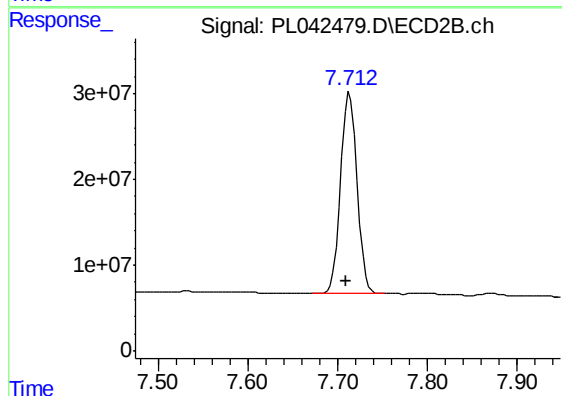
#18 Endrin aldehyde

R.T.: 7.168 min  
Delta R.T.: 0.000 min  
Response: 516299  
Conc: 0.23 ng/ml m



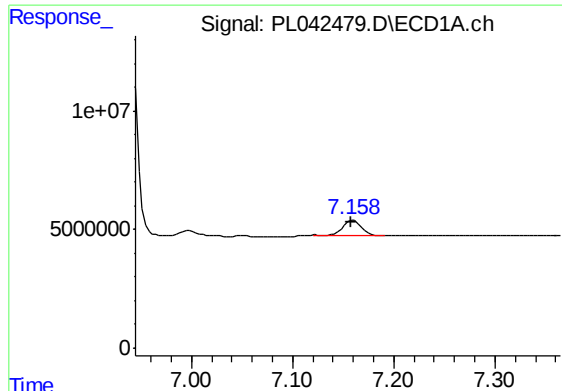
#20 Methoxychlor

R.T.: 6.928 min  
Delta R.T.: 0.002 min  
Response: 742206051  
Conc: 235.33 ng/ml



#20 Methoxychlor

R.T.: 7.713 min  
Delta R.T.: 0.004 min  
Response: 299717003  
Conc: 219.82 ng/ml



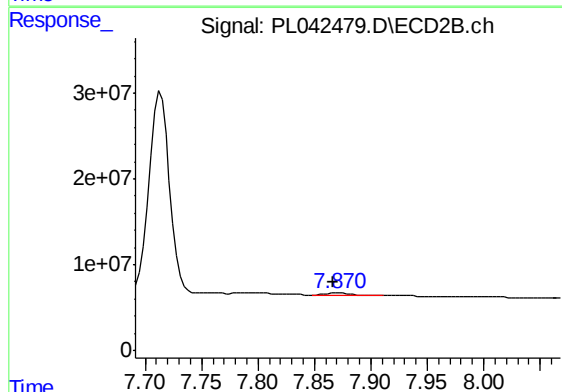
#21 Endrin ketone

R.T.: 7.160 min  
Delta R.T.: 0.001 min  
Response: 7946778  
Conc: 1.15 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PEM

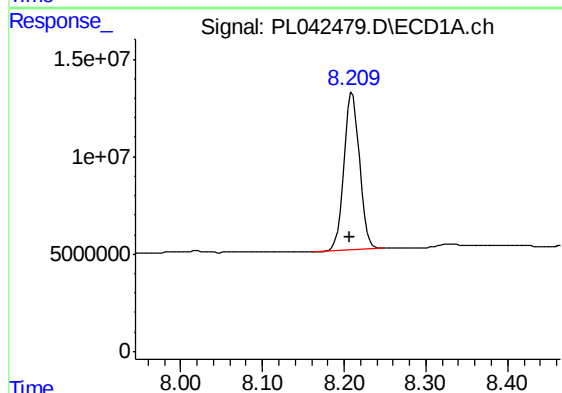
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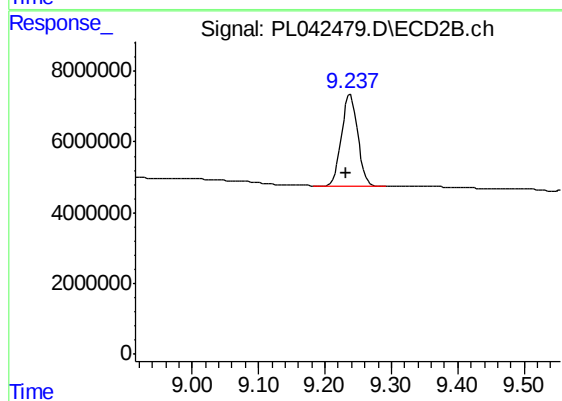
#21 Endrin ketone

R.T.: 7.871 min  
Delta R.T.: 0.005 min  
Response: 3245805  
Conc: 1.17 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.210 min  
Delta R.T.: 0.003 min  
Response: 106899666  
Conc: 16.96 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.238 min  
Delta R.T.: 0.007 min  
Response: 44458452  
Conc: 18.43 ng/ml