

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL112921\  
 Data File : PL071183.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 29 Nov 2021 16:54  
 Operator : AR\AJ  
 Sample : PB141039BSD  
 Misc :  
 ALS Vial : 14 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 PB141039BSD

Manual Integrations  
 APPROVED

Reviewed By : Abdul Mirza 11/30/2021  
 Supervised By : mohammad ahmed 11/30/2021

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Nov 29 21:04:40 2021  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL110321.M  
 Quant Title : GC Extractables  
 QLast Update : Thu Nov 04 19:28:07 2021  
 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... | 4.572  | 5.499  | 10434166 | 25630032 | 21.303  | 20.328 |
| 28)                         | SA Decachlor... | 10.338 | 11.398 | 14304447 | 24834457 | 20.934  | 18.570 |
| Target Compounds            |                 |        |        |          |          |         |        |
| 2)                          | A alpha-BHC     | 5.279  | 6.079  | 7314766  | 20268530 | 10.927  | 11.011 |
| 3)                          | MA gamma-BHC... | 5.701  | 6.476  | 7461668  | 21792894 | 11.124  | 12.568 |
| 4)                          | MA Heptachlor   | 6.109  | 7.124  | 8206249  | 20018288 | 11.437  | 12.324 |
| 5)                          | MB Aldrin       | 6.433  | 7.494  | 7384751  | 18353432 | 11.548  | 11.303 |
| 6)                          | B beta-BHC      | 6.085  | 6.734  | 3977046  | 10195232 | 12.243  | 11.899 |
| 7)                          | B delta-BHC     | 6.344  | 7.000  | 7274902  | 20619780 | 10.992  | 12.331 |
| 8)                          | B Heptachlo...  | 7.009  | 7.962  | 7703511  | 18250026 | 11.849m | 11.974 |
| 9)                          | A Endosulfan I  | 7.413  | 8.367  | 7512432  | 16225385 | 12.264  | 11.278 |
| 10)                         | B gamma-Chl...  | 7.288  | 8.232  | 7942087  | 17543693 | 11.964  | 11.331 |
| 11)                         | B alpha-Chl...  | 7.357  | 8.312  | 8073625  | 17370438 | 12.116  | 11.421 |
| 12)                         | B 4,4'-DDE      | 7.573  | 8.502  | 6609220  | 17525224 | 11.344  | 11.877 |
| 13)                         | MA Dieldrin     | 7.698  | 8.656  | 7167427  | 16428875 | 11.482m | 11.275 |
| 14)                         | MA Endrin       | 7.990  | 8.895  | 6912878  | 14173488 | 12.193  | 12.236 |
| 15)                         | B Endosulfa...  | 8.302  | 9.130  | 7001780  | 14240809 | 11.567  | 11.660 |
| 16)                         | A 4,4'-DDD      | 8.159  | 9.042  | 6191583  | 12812198 | 12.186  | 10.646 |
| 17)                         | MA 4,4'-DDT     | 8.419  | 9.359  | 6016971  | 14058536 | 10.940  | 11.144 |
| 18)                         | B Endrin al...  | 8.491  | 9.265  | 5698652  | 11661697 | 12.543  | 12.059 |
| 19)                         | B Endosulfa...  | 8.722  | 9.503  | 7426959  | 13705939 | 12.039  | 11.059 |
| 20)                         | A Methoxychlor  | 9.015  | 9.846  | 4100830  | 6769928  | 11.209  | 10.003 |
| 21)                         | B Endrin ke...  | 9.240  | 10.000 | 8784632  | 15464770 | 12.285  | 10.773 |
| 22)                         | Mirex           | 9.423  | 10.465 | 7971794  | 11785052 | 12.981  | 11.314 |
| -----                       |                 |        |        |          |          |         |        |

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL112921\  
 Data File : PL071183.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 29 Nov 2021 16:54  
 Operator : AR\AJ  
 Sample : PB141039BSD  
 Misc :  
 ALS Vial : 14 Sample Multiplier: 1

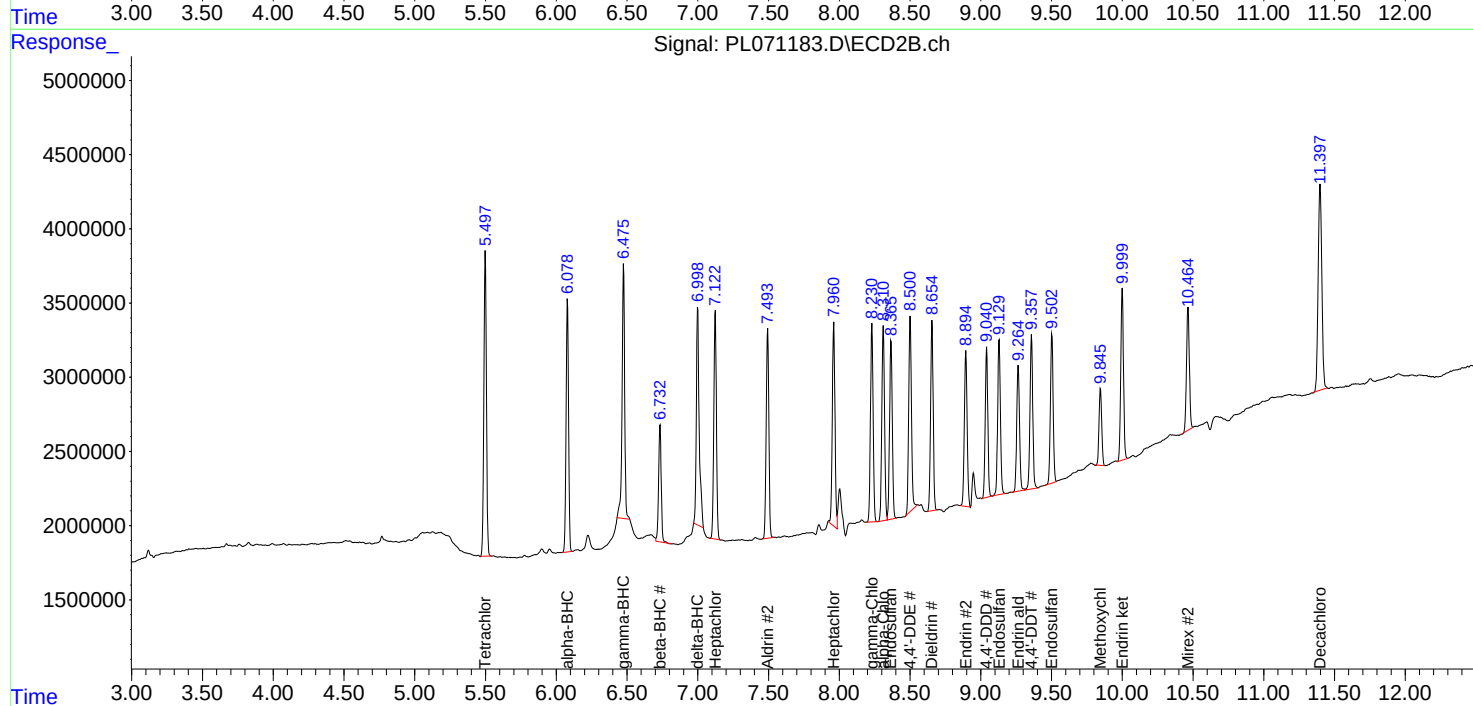
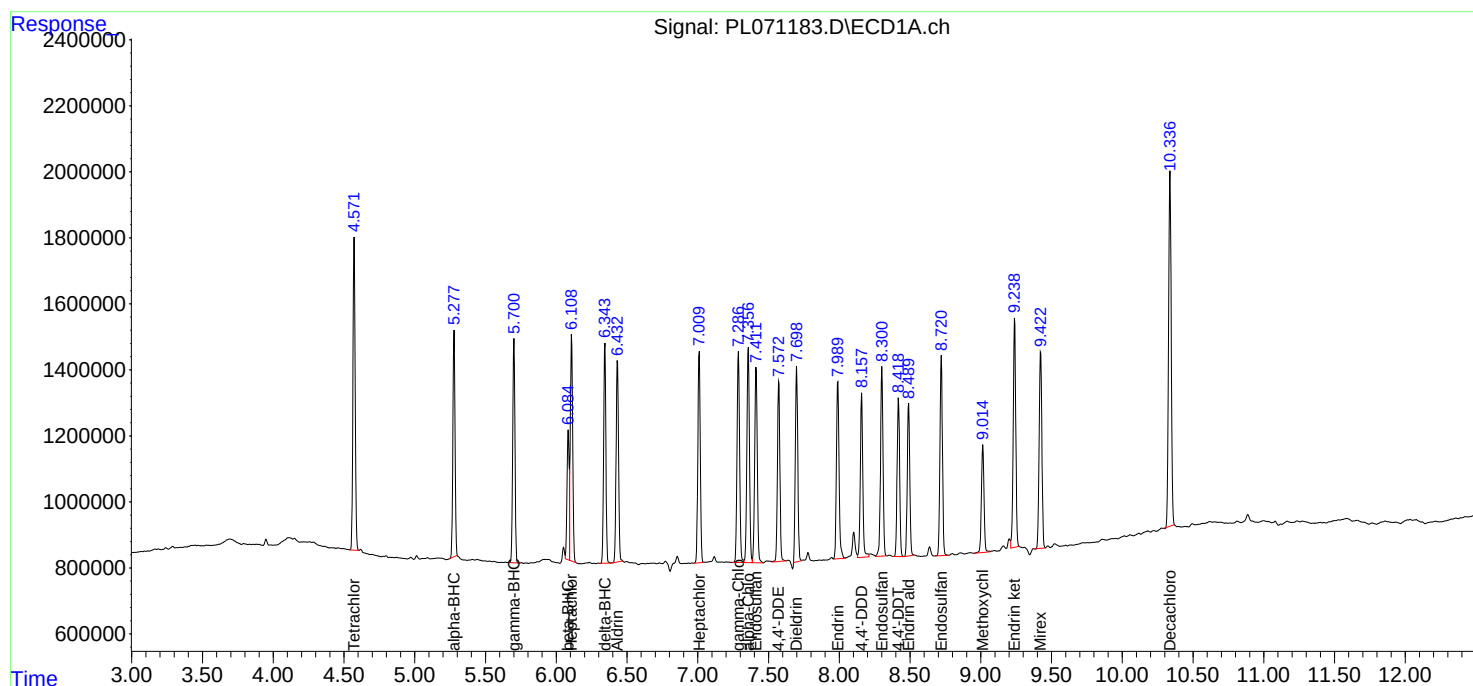
Instrument :  
 ECD\_L  
 ClientSampleId :  
 PB141039BSD

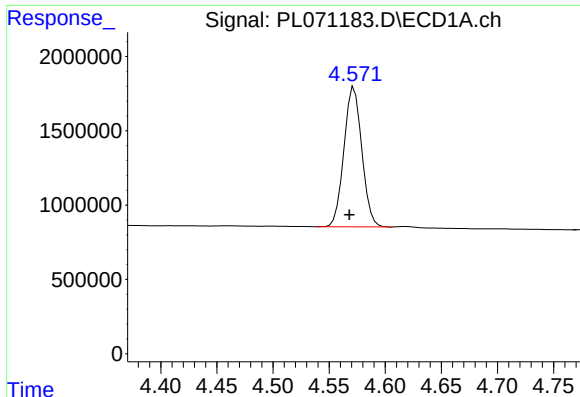
### Manual Integrations APPROVED

Reviewed By :Abdul Mirza 11/30/2021  
 Supervised By :mohammad ahmed 11/30/2021

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Nov 29 21:04:40 2021  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL110321.M  
 Quant Title : GC Extractables  
 QLast Update : Thu Nov 04 19:28:07 2021  
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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





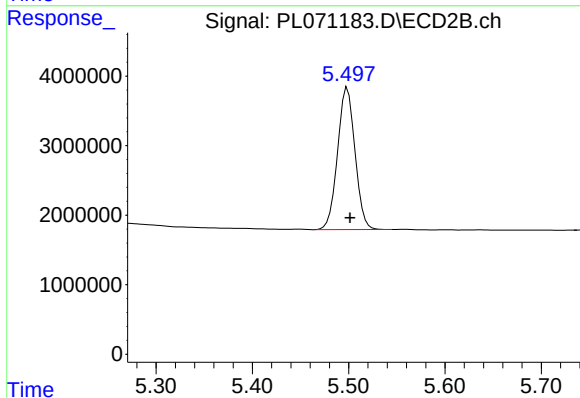
#1 Tetrachloro-m-xylene

R.T.: 4.572 min  
Delta R.T.: 0.004 min  
Response: 10434166  
Conc: 21.30 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB141039BSD

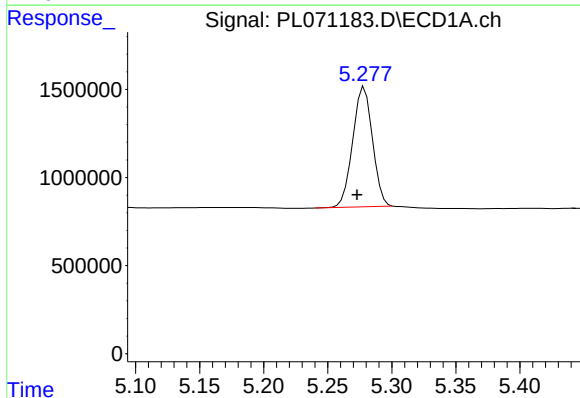
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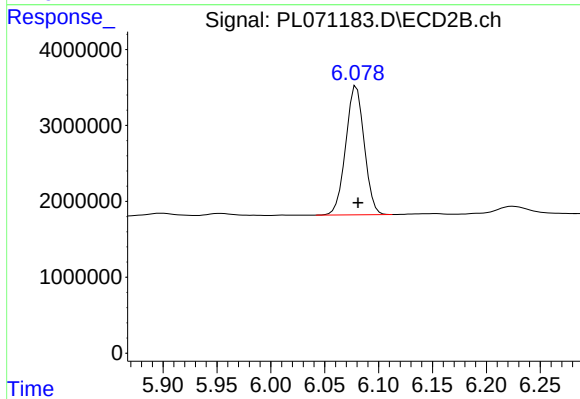
#1 Tetrachloro-m-xylene

R.T.: 5.499 min  
Delta R.T.: -0.002 min  
Response: 25630032  
Conc: 20.33 ng/ml



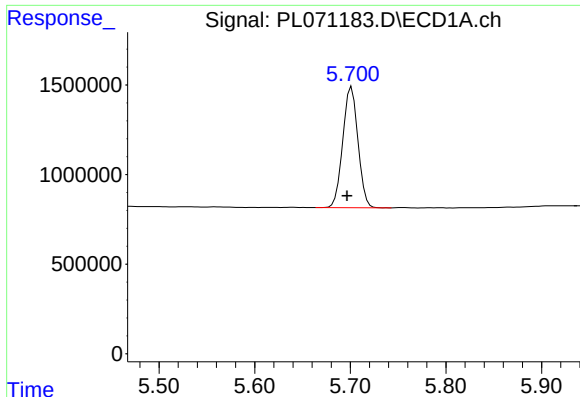
#2 alpha-BHC

R.T.: 5.279 min  
Delta R.T.: 0.006 min  
Response: 7314766  
Conc: 10.93 ng/ml



#2 alpha-BHC

R.T.: 6.079 min  
Delta R.T.: -0.002 min  
Response: 20268530  
Conc: 11.01 ng/ml



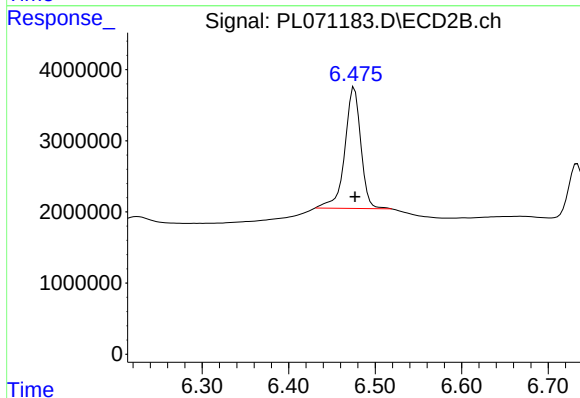
#3 gamma-BHC (Lindane)

R.T.: 5.701 min  
Delta R.T.: 0.005 min  
Response: 7461668  
Conc: 11.12 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB141039BSD

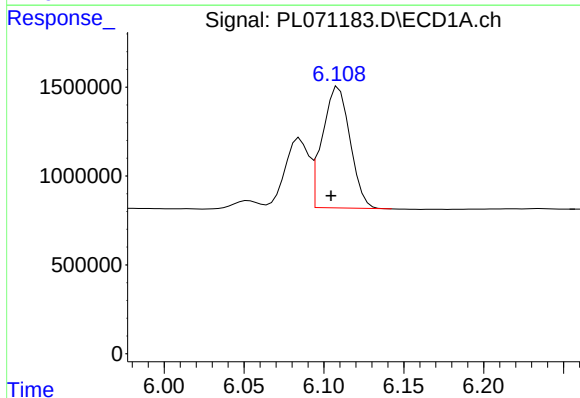
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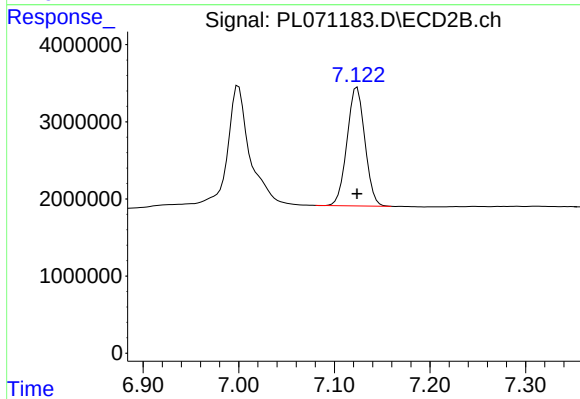
#3 gamma-BHC (Lindane)

R.T.: 6.476 min  
Delta R.T.: 0.000 min  
Response: 21792894  
Conc: 12.57 ng/ml



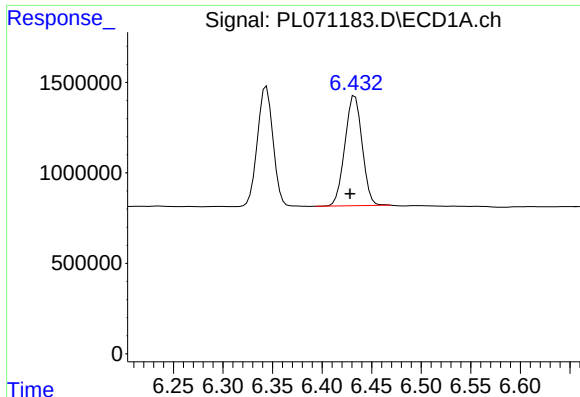
#4 Heptachlor

R.T.: 6.109 min  
Delta R.T.: 0.005 min  
Response: 8206249  
Conc: 11.44 ng/ml



#4 Heptachlor

R.T.: 7.124 min  
Delta R.T.: 0.000 min  
Response: 20018288  
Conc: 12.32 ng/ml



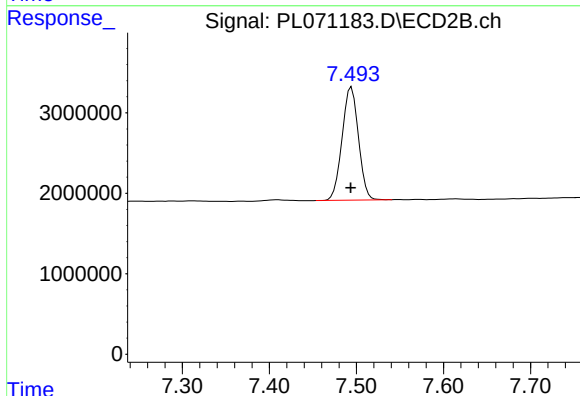
#5 Aldrin

R.T.: 6.433 min  
Delta R.T.: 0.005 min  
Response: 7384751  
Conc: 11.55 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB141039BSD

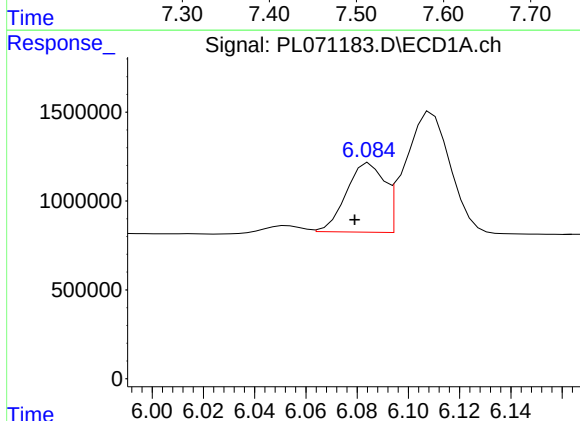
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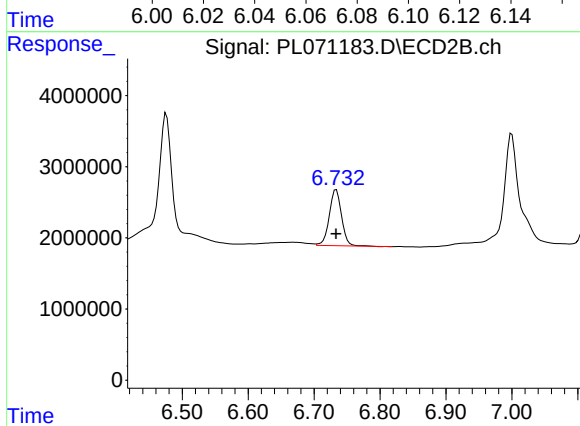
#5 Aldrin

R.T.: 7.494 min  
Delta R.T.: 0.000 min  
Response: 18353432  
Conc: 11.30 ng/ml



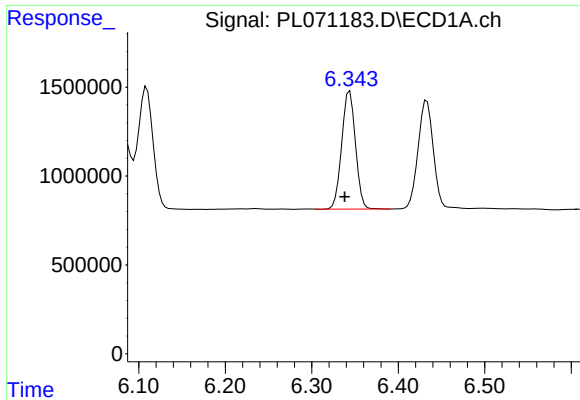
#6 beta-BHC

R.T.: 6.085 min  
Delta R.T.: 0.006 min  
Response: 3977046  
Conc: 12.24 ng/ml



#6 beta-BHC

R.T.: 6.734 min  
Delta R.T.: 0.000 min  
Response: 10195232  
Conc: 11.90 ng/ml



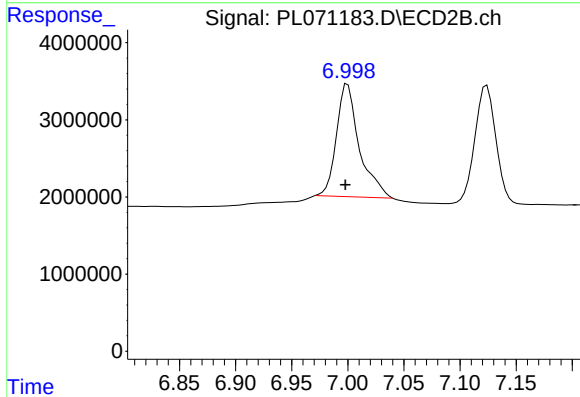
#7 delta-BHC

R.T.: 6.344 min  
Delta R.T.: 0.006 min  
Response: 7274902  
Conc: 10.99 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB141039BSD

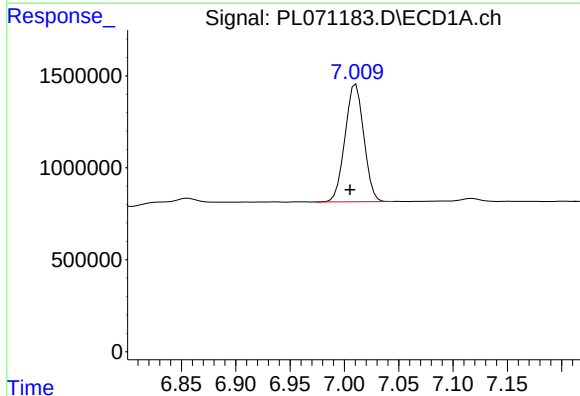
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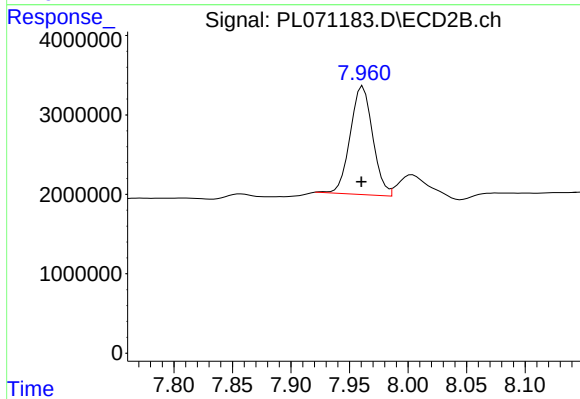
#7 delta-BHC

R.T.: 7.000 min  
Delta R.T.: 0.002 min  
Response: 20619780  
Conc: 12.33 ng/ml



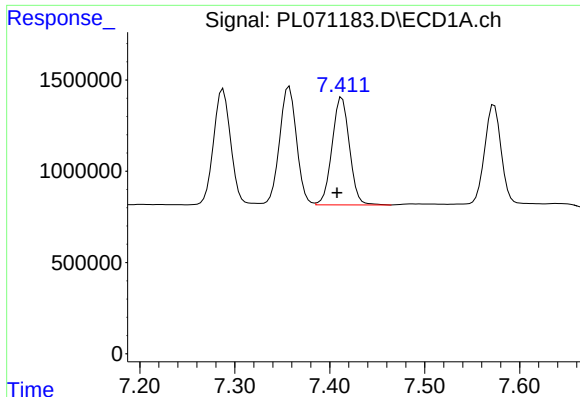
#8 Heptachlor epoxide

R.T.: 7.009 min  
Delta R.T.: 0.004 min  
Response: 7703511  
Conc: 11.85 ng/ml m



#8 Heptachlor epoxide

R.T.: 7.962 min  
Delta R.T.: 0.001 min  
Response: 18250026  
Conc: 11.97 ng/ml



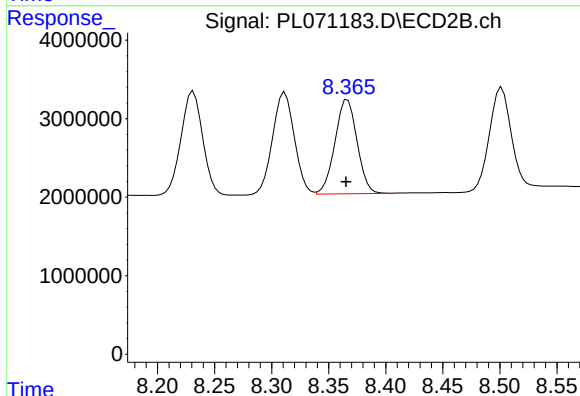
#9 Endosulfan I

R.T.: 7.413 min  
Delta R.T.: 0.005 min  
Response: 7512432  
Conc: 12.26 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB141039BSD

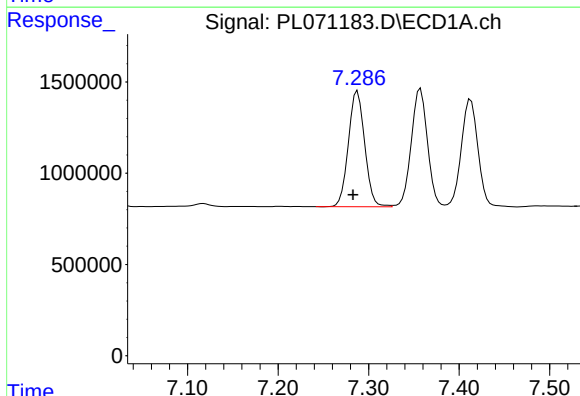
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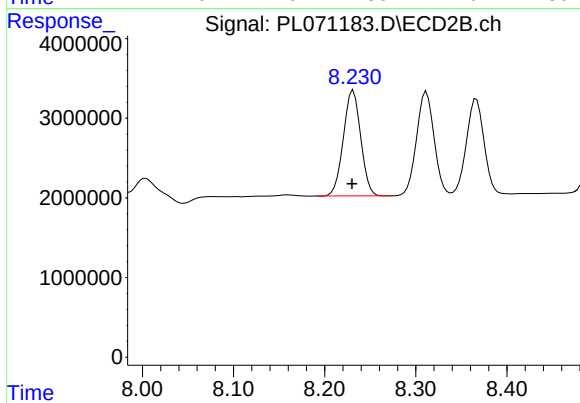
#9 Endosulfan I

R.T.: 8.367 min  
Delta R.T.: 0.001 min  
Response: 16225385  
Conc: 11.28 ng/ml



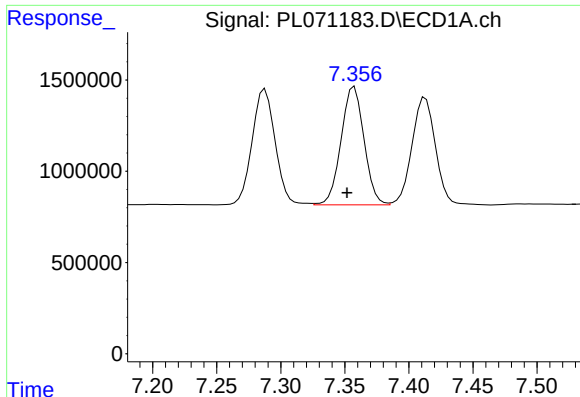
#10 gamma-Chlordane

R.T.: 7.288 min  
Delta R.T.: 0.005 min  
Response: 7942087  
Conc: 11.96 ng/ml



#10 gamma-Chlordane

R.T.: 8.232 min  
Delta R.T.: 0.002 min  
Response: 17543693  
Conc: 11.33 ng/ml



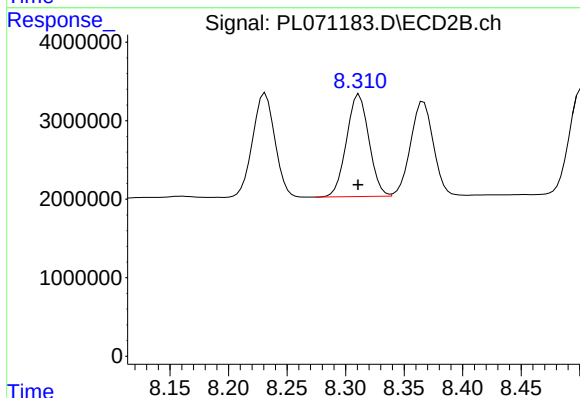
#11 alpha-Chlordane

R.T.: 7.357 min  
Delta R.T.: 0.006 min  
Response: 8073625  
Conc: 12.12 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB141039BSD

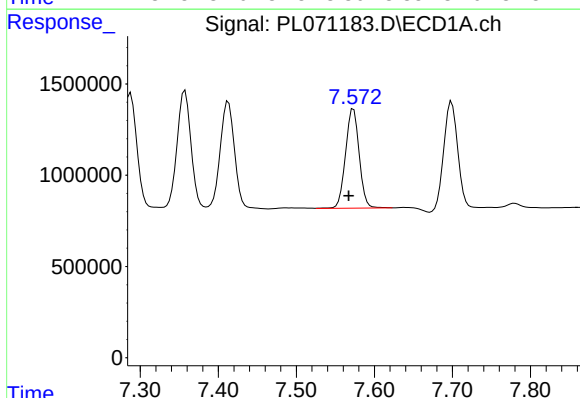
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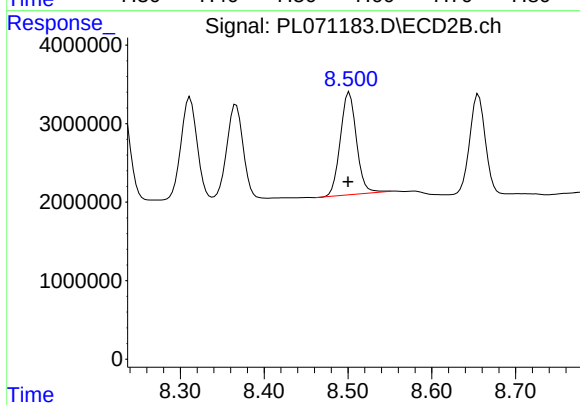
#11 alpha-Chlordane

R.T.: 8.312 min  
Delta R.T.: 0.000 min  
Response: 17370438  
Conc: 11.42 ng/ml



#12 4,4'-DDE

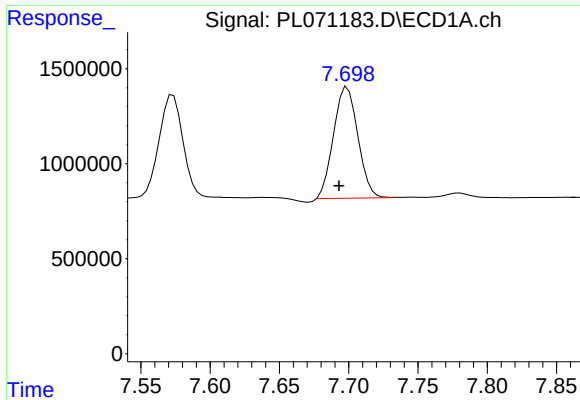
R.T.: 7.573 min  
Delta R.T.: 0.006 min  
Response: 6609220  
Conc: 11.34 ng/ml



#12 4,4'-DDE

R.T.: 8.502 min  
Delta R.T.: 0.001 min  
Response: 17525224  
Conc: 11.88 ng/ml





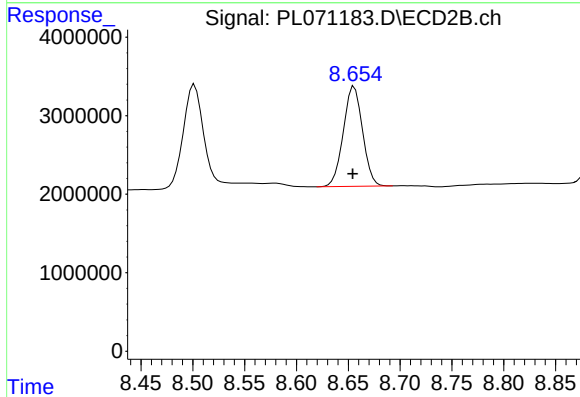
#13 Dieldrin

R.T.: 7.698 min  
Delta R.T.: 0.005 min  
Response: 7167427  
Conc: 11.48 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB141039BSD

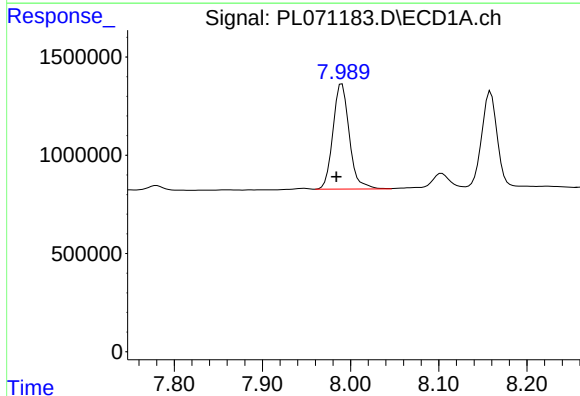
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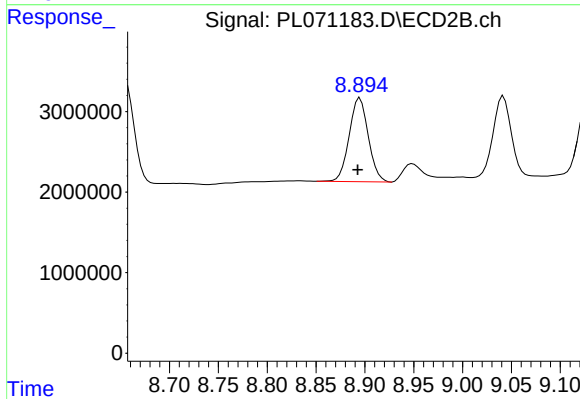
#13 Dieldrin

R.T.: 8.656 min  
Delta R.T.: 0.002 min  
Response: 16428875  
Conc: 11.27 ng/ml



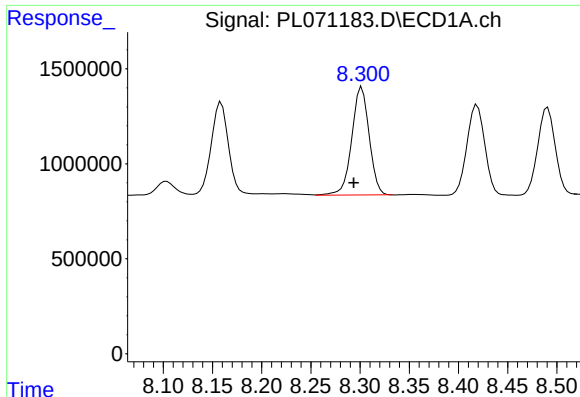
#14 Endrin

R.T.: 7.990 min  
Delta R.T.: 0.006 min  
Response: 6912878  
Conc: 12.19 ng/ml



#14 Endrin

R.T.: 8.895 min  
Delta R.T.: 0.002 min  
Response: 14173488  
Conc: 12.24 ng/ml



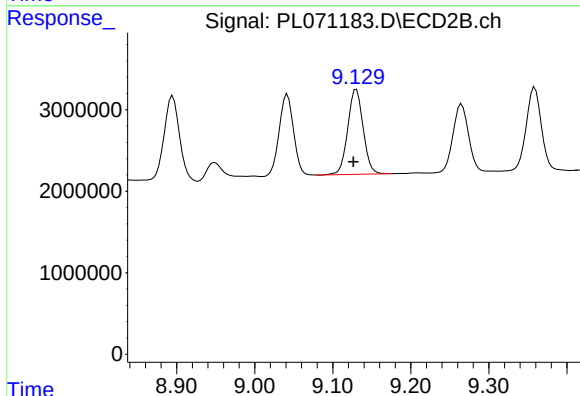
#15 Endosulfan II

R.T.: 8.302 min  
Delta R.T.: 0.008 min  
Response: 7001780  
Conc: 11.57 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB141039BSD

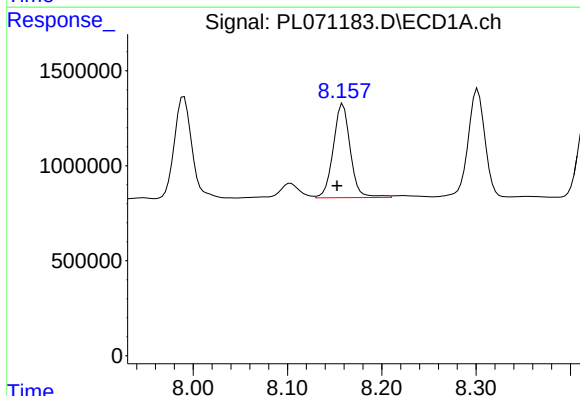
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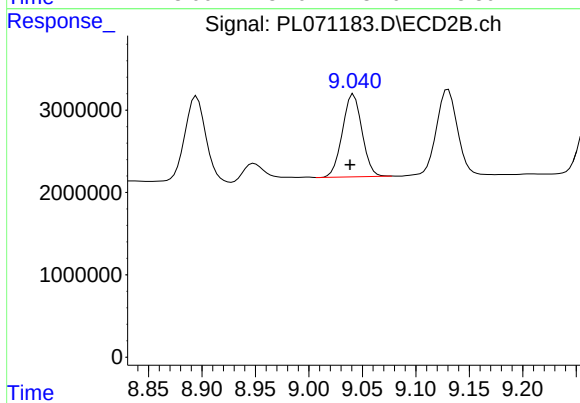
#15 Endosulfan II

R.T.: 9.130 min  
Delta R.T.: 0.004 min  
Response: 14240809  
Conc: 11.66 ng/ml



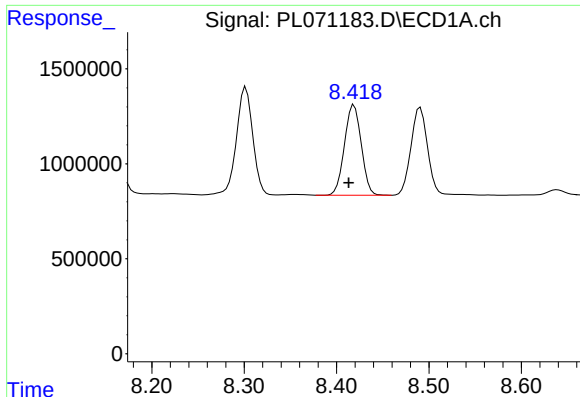
#16 4,4'-DDD

R.T.: 8.159 min  
Delta R.T.: 0.006 min  
Response: 6191583  
Conc: 12.19 ng/ml



#16 4,4'-DDD

R.T.: 9.042 min  
Delta R.T.: 0.003 min  
Response: 12812198  
Conc: 10.65 ng/ml



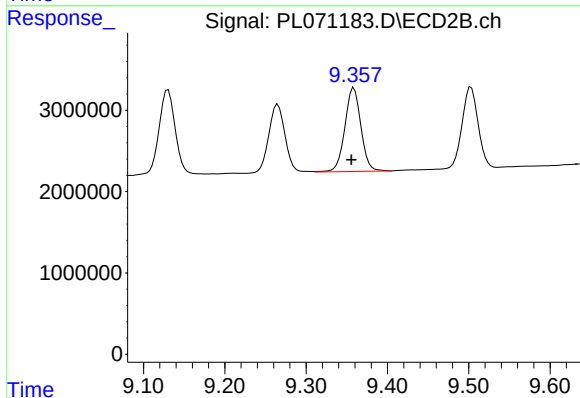
#17 4,4'-DDT

R.T.: 8.419 min  
Delta R.T.: 0.006 min  
Response: 6016971  
Conc: 10.94 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB141039BSD

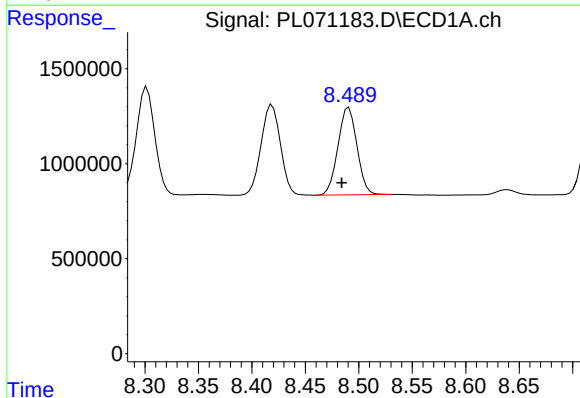
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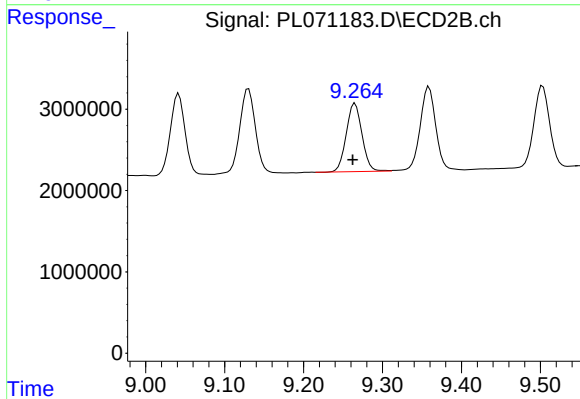
#17 4,4'-DDT

R.T.: 9.359 min  
Delta R.T.: 0.003 min  
Response: 14058536  
Conc: 11.14 ng/ml



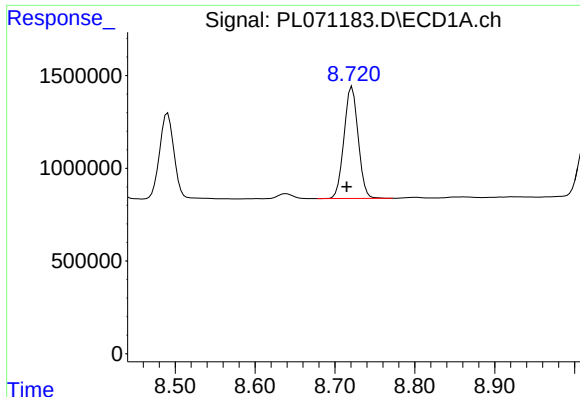
#18 Endrin aldehyde

R.T.: 8.491 min  
Delta R.T.: 0.007 min  
Response: 5698652  
Conc: 12.54 ng/ml



#18 Endrin aldehyde

R.T.: 9.265 min  
Delta R.T.: 0.003 min  
Response: 11661697  
Conc: 12.06 ng/ml



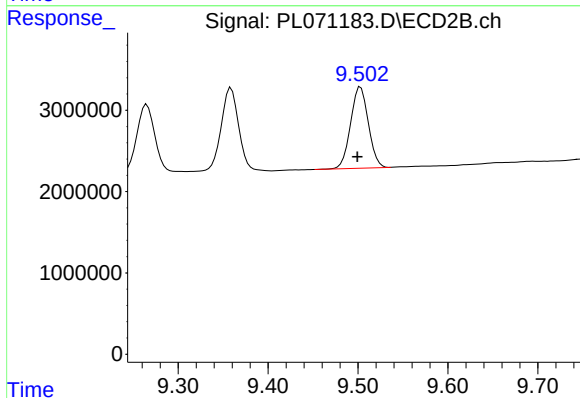
#19 Endosulfan Sulfate

R.T.: 8.722 min  
Delta R.T.: 0.007 min  
Response: 7426959  
Conc: 12.04 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB141039BSD

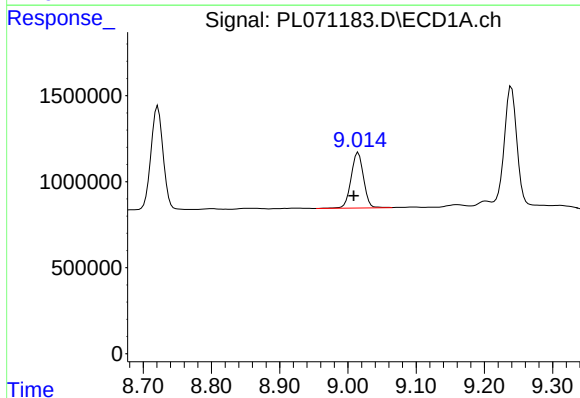
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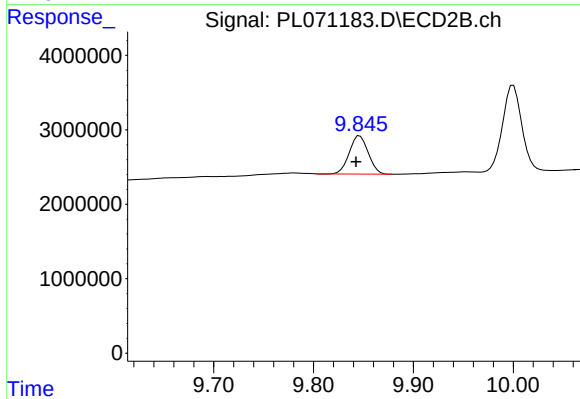
#19 Endosulfan Sulfate

R.T.: 9.503 min  
Delta R.T.: 0.003 min  
Response: 13705939  
Conc: 11.06 ng/ml



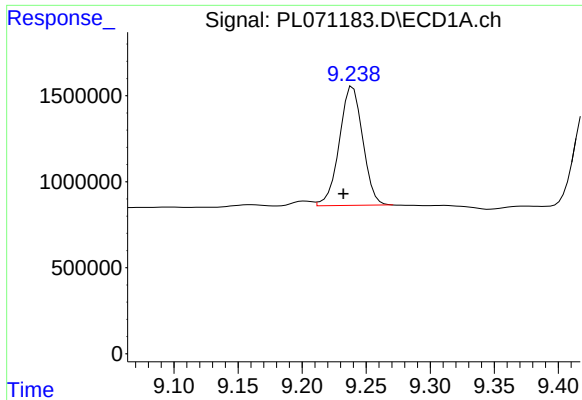
#20 Methoxychlor

R.T.: 9.015 min  
Delta R.T.: 0.006 min  
Response: 4100830  
Conc: 11.21 ng/ml



#20 Methoxychlor

R.T.: 9.846 min  
Delta R.T.: 0.004 min  
Response: 6769928  
Conc: 10.00 ng/ml



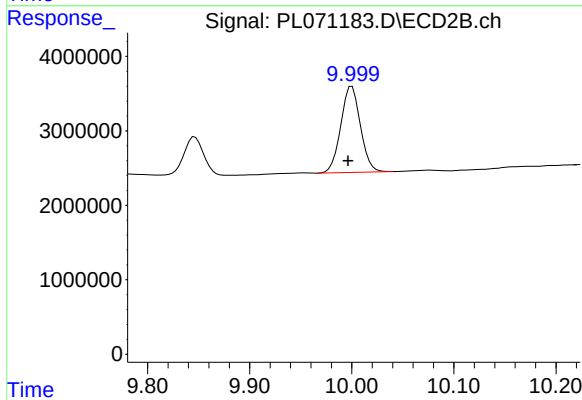
#21 Endrin ketone

R.T.: 9.240 min  
Delta R.T.: 0.007 min  
Response: 8784632  
Conc: 12.29 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB141039BSD

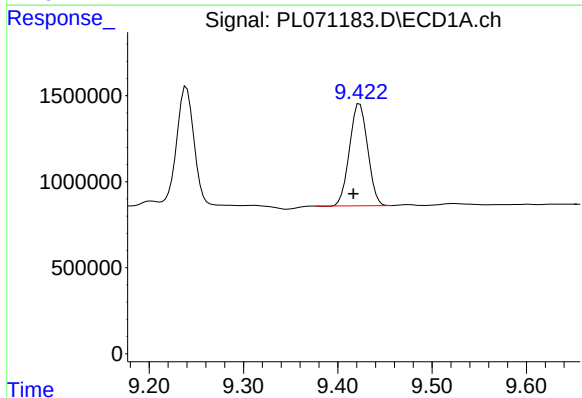
Manual Integrations  
APPROVED

Reviewed By :Abdul Mirza 11/30/2021  
Supervised By :mohammad ahmed 11/30/2021



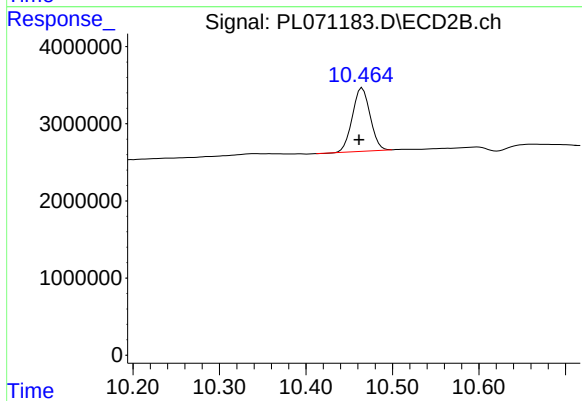
#21 Endrin ketone

R.T.: 10.000 min  
Delta R.T.: 0.004 min  
Response: 15464770  
Conc: 10.77 ng/ml



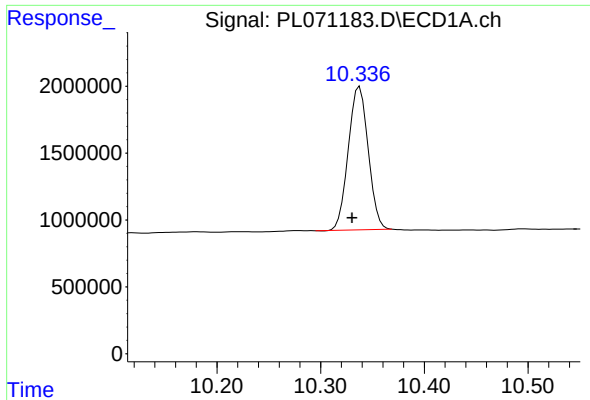
#22 Mirex

R.T.: 9.423 min  
Delta R.T.: 0.006 min  
Response: 7971794  
Conc: 12.98 ng/ml



#22 Mirex

R.T.: 10.465 min  
Delta R.T.: 0.004 min  
Response: 11785052  
Conc: 11.31 ng/ml



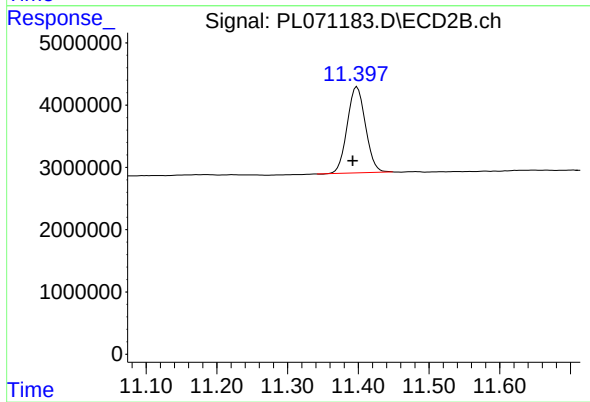
#28 Decachlorobiphenyl

R.T.: 10.338 min  
Delta R.T.: 0.007 min  
Response: 14304447  
Conc: 20.93 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB141039BSD

Manual Integrations  
APPROVED

Reviewed By :Abdul Mirza 11/30/2021  
Supervised By :mohammad ahmed 11/30/2021



#28 Decachlorobiphenyl

R.T.: 11.398 min  
Delta R.T.: 0.006 min  
Response: 24834457  
Conc: 18.57 ng/ml