

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL051722\
 Data File : PL074744.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 17 May 2022 09:27
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 05/18/2022
 Supervised By : mohammad ahmed 05/19/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 18 06:42:42 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL051122.M
 Quant Title : GC Extractables
 QLast Update : Sat May 14 02:37:15 2022
 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...	5.647	4.653	11887747	29704730	23.413	21.643
28)	SA Decachlor...	11.649	10.405	11110514	25527146	24.879	24.870
Target Compounds							
2)	A alpha-BHC	6.231	5.355	7367530	17812190	10.769	10.584
3)	MA gamma-BHC...	6.630	5.776	7241468	17955396	11.218	10.866
6)	B beta-BHC	6.881	6.152	3628333	10341785	12.157	13.025
12)	B 4,4'-DDE	8.663	7.642	161266	346226	0.348m	0.294
14)	MA Endrin	9.067	8.062	25186424	60109972	61.034	56.906
16)	A 4,4'-DDD	9.206	8.226	2177226	4915535	4.816	4.990
17)	MA 4,4'-DDT	9.526	8.487	48876096	110.1E6	106.338	110.010
18)	B Endrin al...	9.435	8.560	1005320	1958421	2.841	2.452
20)	A Methoxychlor	10.012	9.081	65278538	142.5E6	266.538	243.861
21)	B Endrin ke...	10.175	9.308	1729544	4570753	3.372	4.100

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

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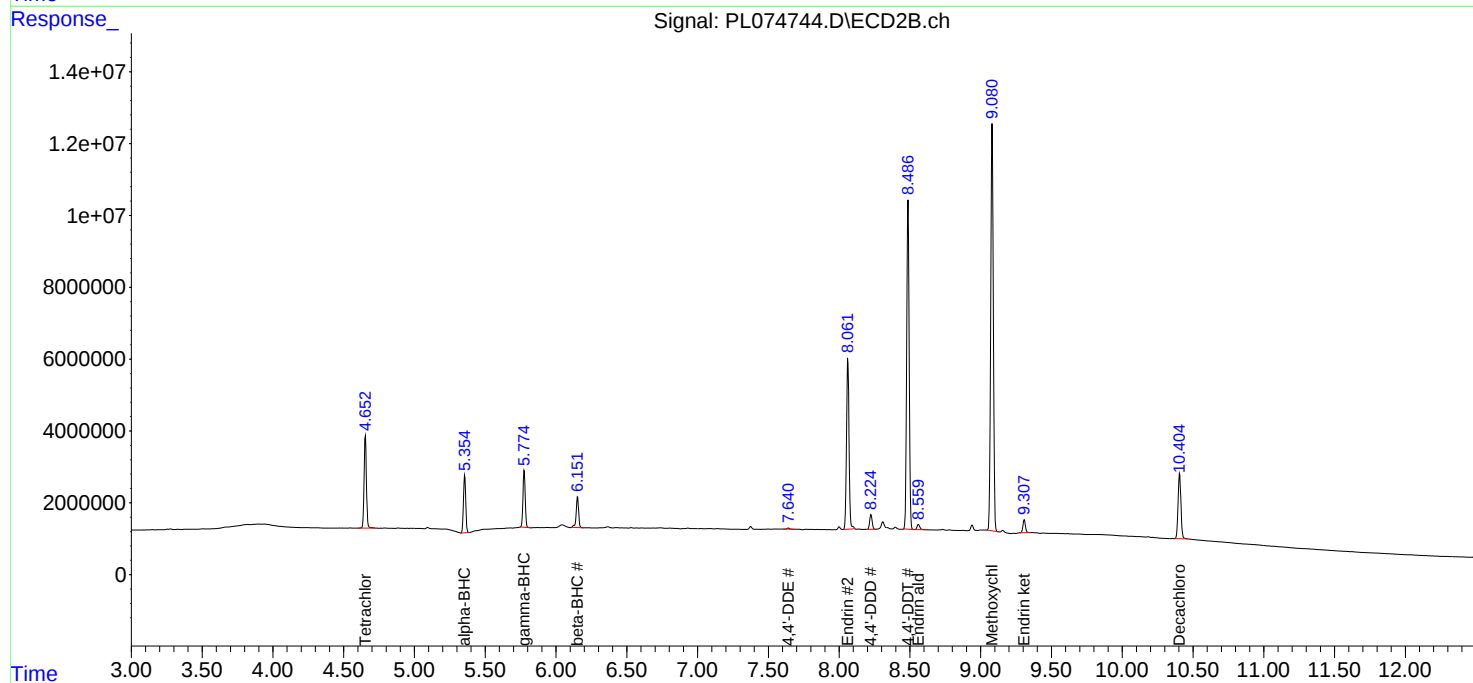
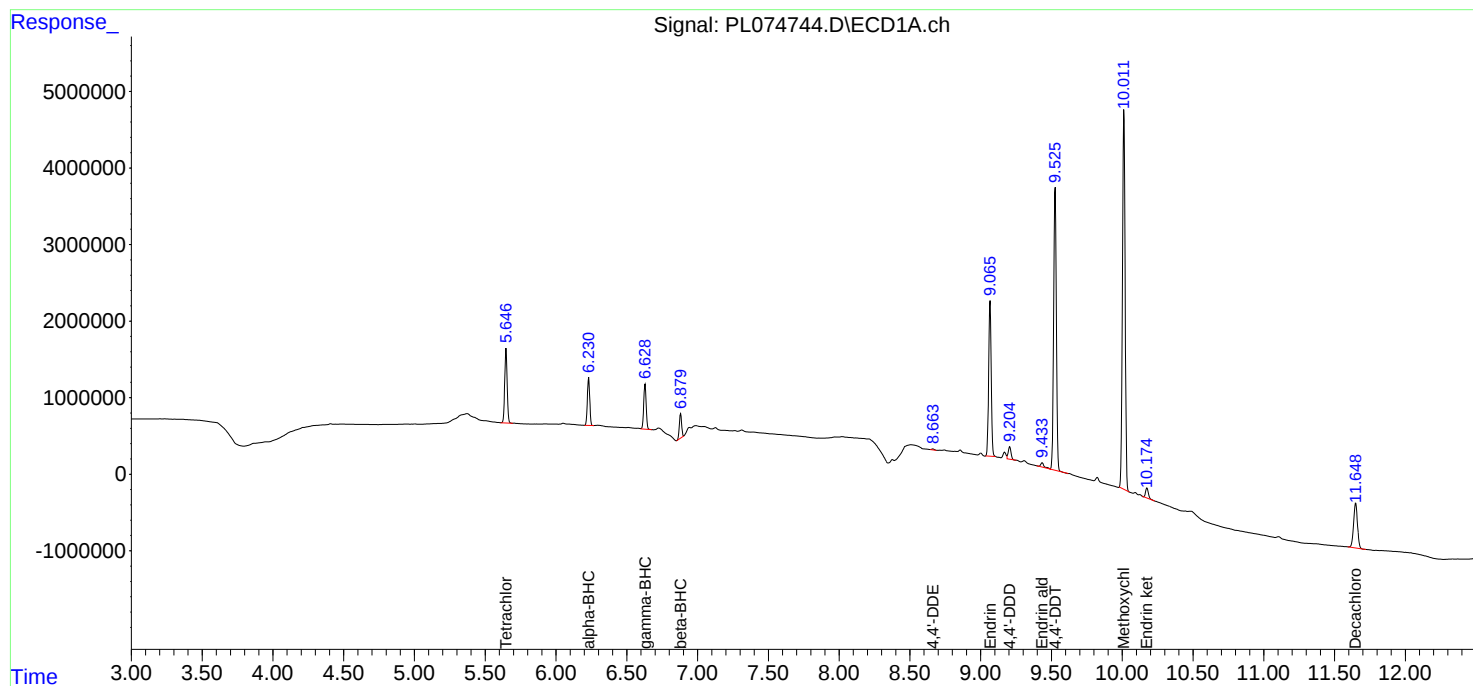
Instrument :
ECD_L
ClientSampleId :
PEM

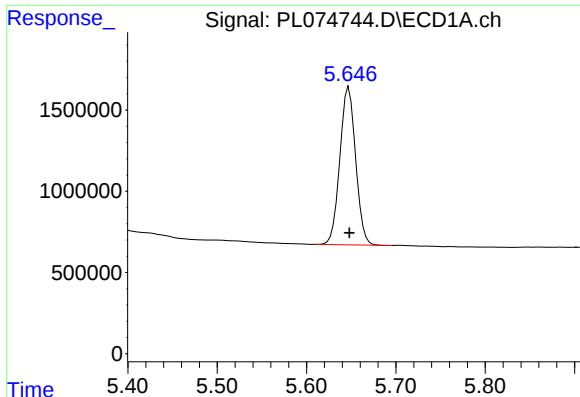
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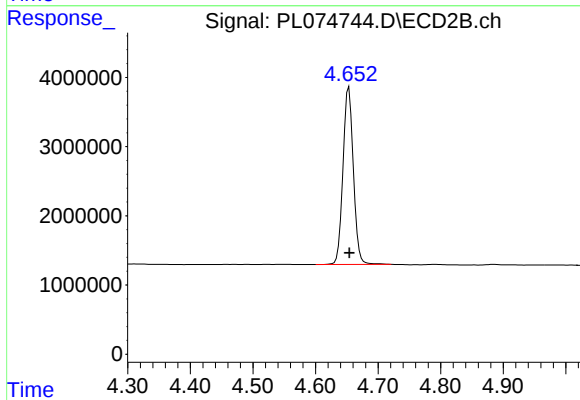
#1 Tetrachloro-m-xylene

R.T.: 5.647 min
Delta R.T.: 0.000 min
Response: 11887747
Conc: 23.41 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

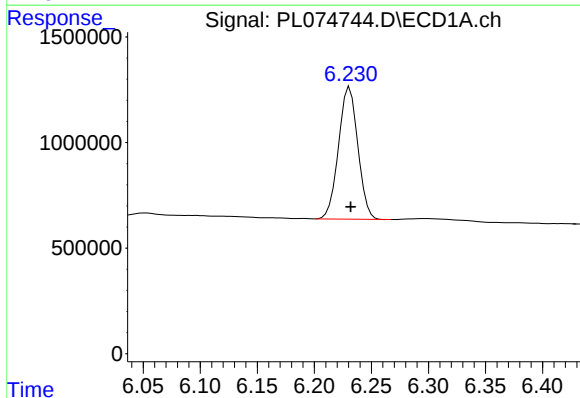
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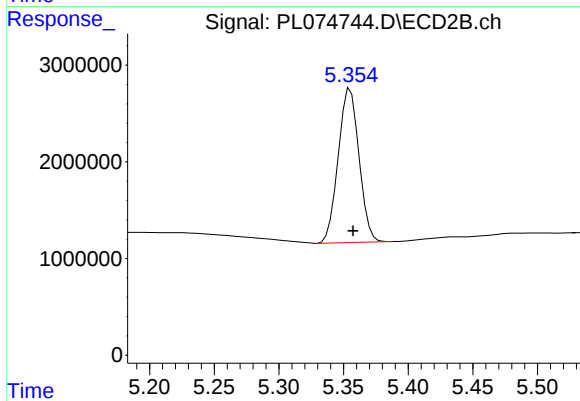
#1 Tetrachloro-m-xylene

R.T.: 4.653 min
Delta R.T.: -0.001 min
Response: 29704730
Conc: 21.64 ng/ml



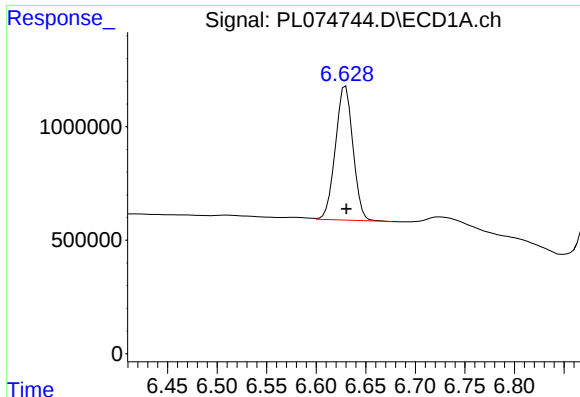
#2 alpha-BHC

R.T.: 6.231 min
Delta R.T.: 0.000 min
Response: 7367530
Conc: 10.77 ng/ml



#2 alpha-BHC

R.T.: 5.355 min
Delta R.T.: -0.002 min
Response: 17812190
Conc: 10.58 ng/ml



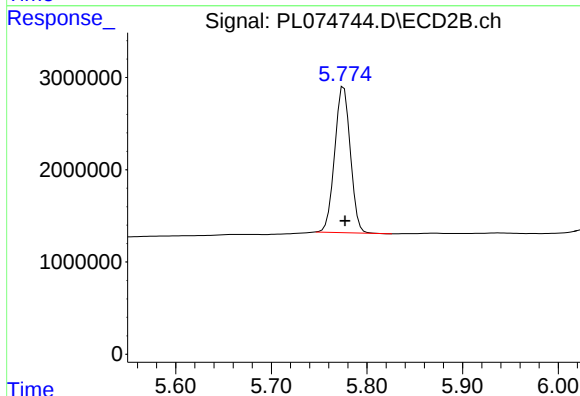
#3 gamma-BHC (Lindane)

R.T.: 6.630 min
Delta R.T.: 0.000 min
Response: 7241468
Conc: 11.22 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

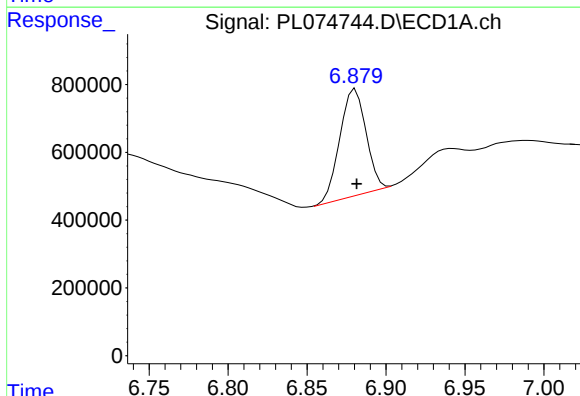
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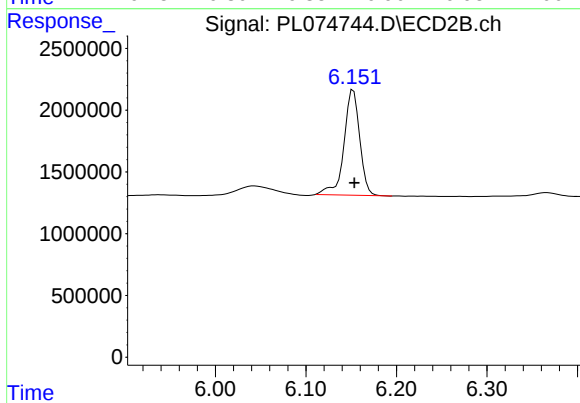
#3 gamma-BHC (Lindane)

R.T.: 5.776 min
Delta R.T.: -0.002 min
Response: 17955396
Conc: 10.87 ng/ml



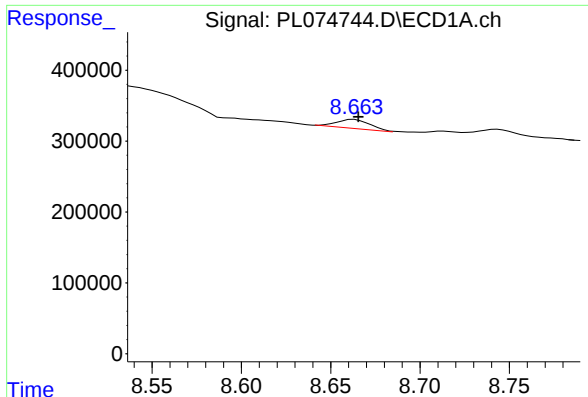
#6 beta-BHC

R.T.: 6.881 min
Delta R.T.: 0.000 min
Response: 3628333
Conc: 12.16 ng/ml



#6 beta-BHC

R.T.: 6.152 min
Delta R.T.: -0.001 min
Response: 10341785
Conc: 13.03 ng/ml



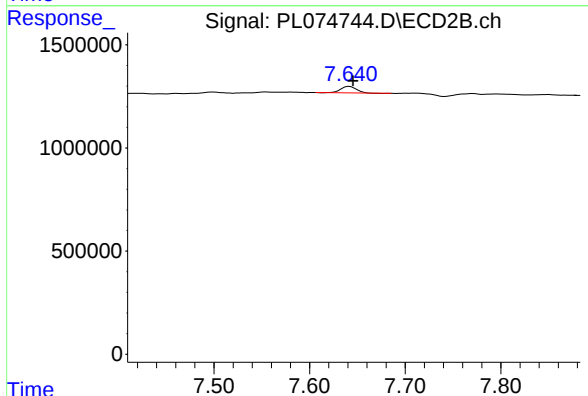
#12 4,4'-DDE

R.T.: 8.663 min
Delta R.T.: -0.002 min
Response: 161266
Conc: 0.35 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

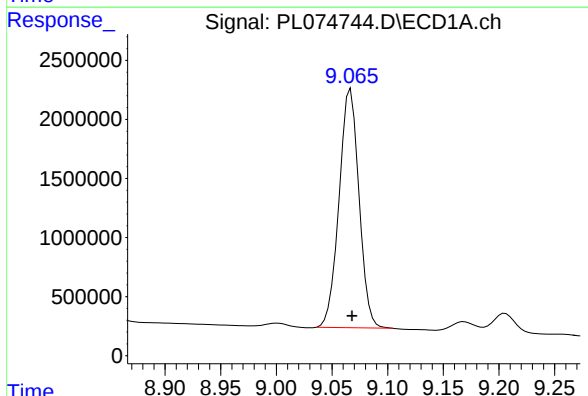
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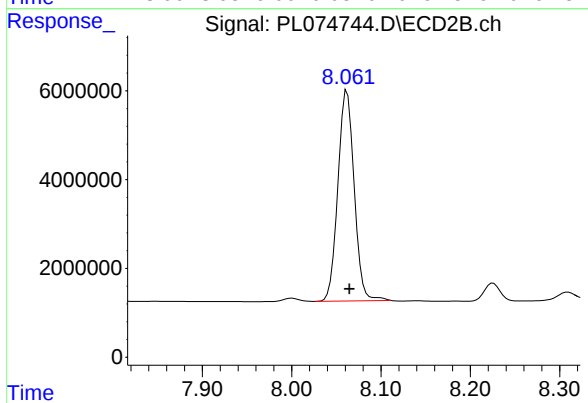
#12 4,4'-DDE

R.T.: 7.642 min
Delta R.T.: -0.004 min
Response: 346226
Conc: 0.29 ng/ml



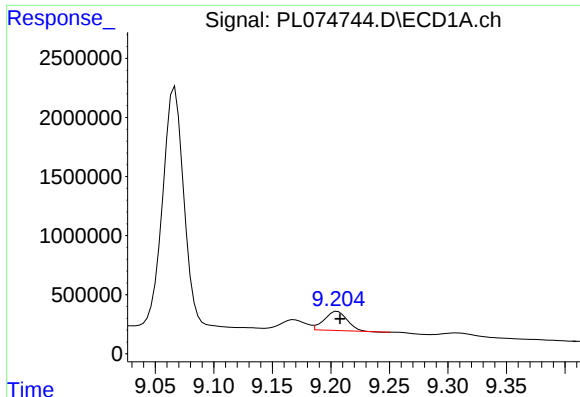
#14 Endrin

R.T.: 9.067 min
Delta R.T.: -0.001 min
Response: 25186424
Conc: 61.03 ng/ml



#14 Endrin

R.T.: 8.062 min
Delta R.T.: -0.003 min
Response: 60109972
Conc: 56.91 ng/ml



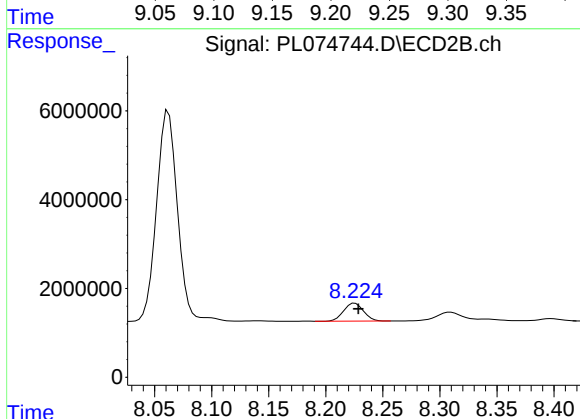
#16 4,4'-DDD

R.T.: 9.206 min
Delta R.T.: -0.002 min
Response: 2177226
Conc: 4.82 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

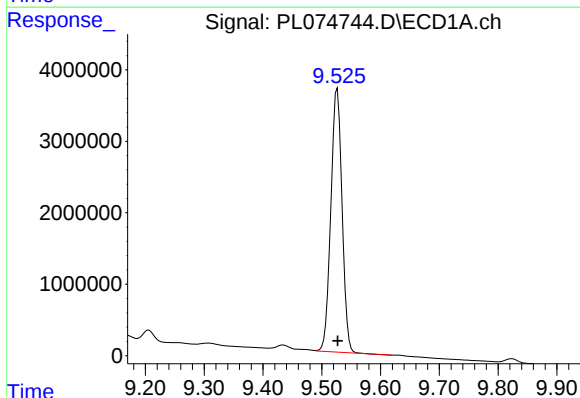
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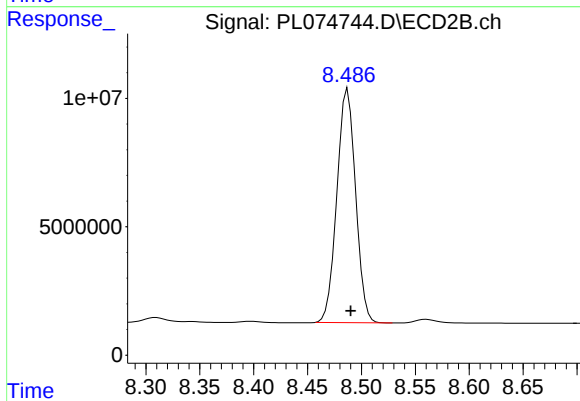
#16 4,4'-DDD

R.T.: 8.226 min
Delta R.T.: -0.003 min
Response: 4915535
Conc: 4.99 ng/ml



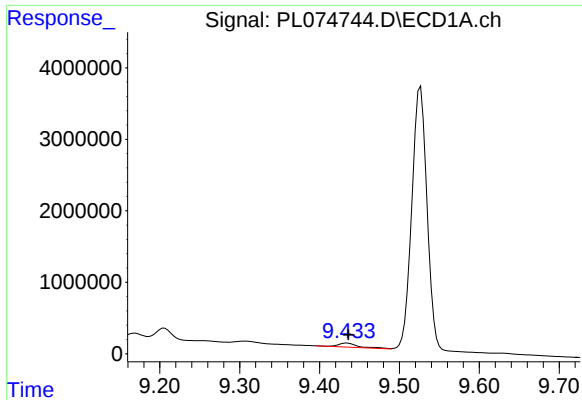
#17 4,4'-DDT

R.T.: 9.526 min
Delta R.T.: 0.000 min
Response: 48876096
Conc: 106.34 ng/ml



#17 4,4'-DDT

R.T.: 8.487 min
Delta R.T.: -0.003 min
Response: 110066300
Conc: 110.01 ng/ml



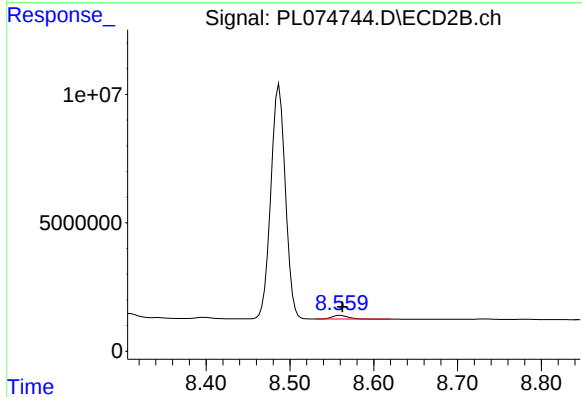
#18 Endrin aldehyde

R.T.: 9.435 min
Delta R.T.: -0.002 min
Response: 1005320
Conc: 2.84 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

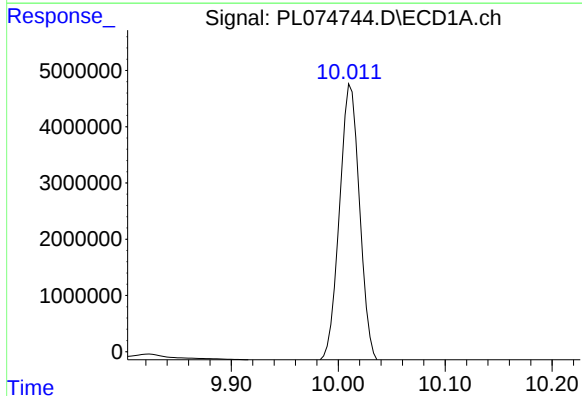
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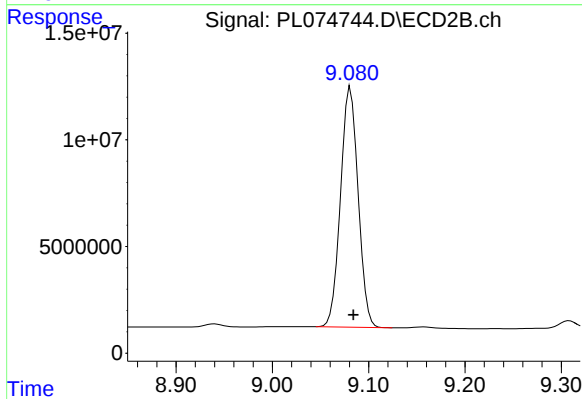
#18 Endrin aldehyde

R.T.: 8.560 min
Delta R.T.: -0.003 min
Response: 1958421
Conc: 2.45 ng/ml



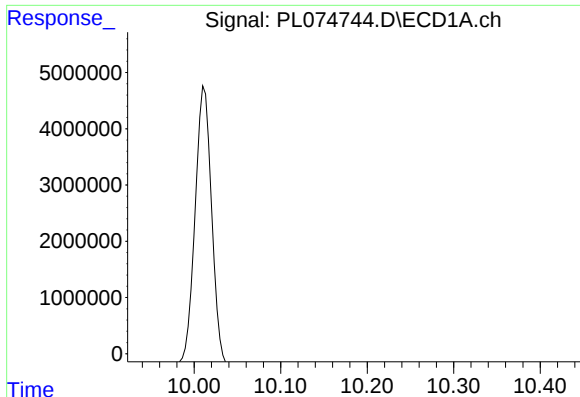
#20 Methoxychlor

R.T.: 10.012 min
Delta R.T.: -0.001 min
Response: 65278538
Conc: 266.54 ng/ml



#20 Methoxychlor

R.T.: 9.081 min
Delta R.T.: -0.003 min
Response: 142510239
Conc: 243.86 ng/ml



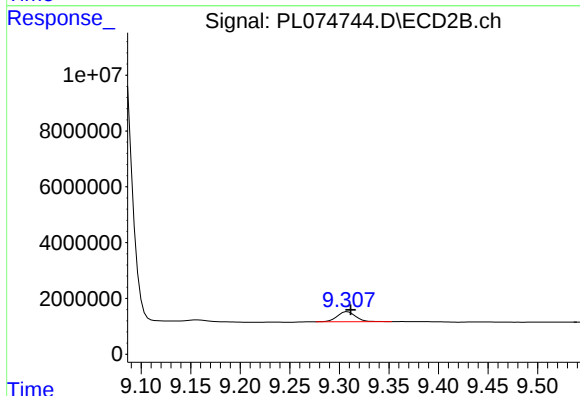
#21 Endrin ketone

R.T.: 10.175 min
Delta R.T.: -0.002 min
Response: 1729544
Conc: 3.37 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

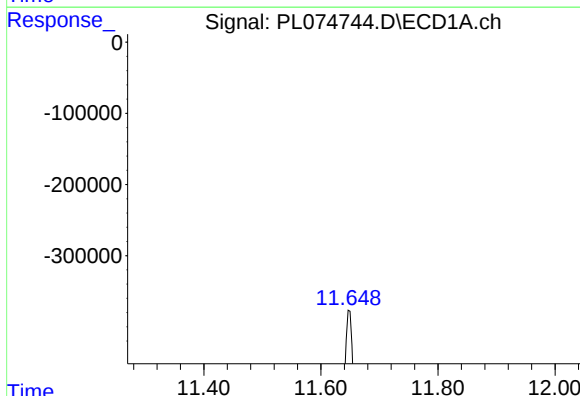
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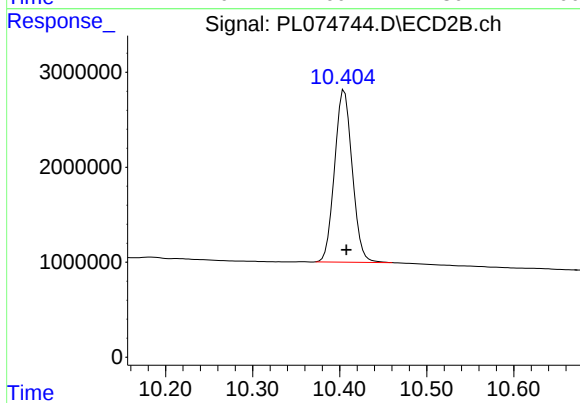
#21 Endrin ketone

R.T.: 9.308 min
Delta R.T.: -0.003 min
Response: 4570753
Conc: 4.10 ng/ml



#28 Decachlorobiphenyl

R.T.: 11.649 min
Delta R.T.: -0.002 min
Response: 11110514
Conc: 24.88 ng/ml



#28 Decachlorobiphenyl

R.T.: 10.405 min
Delta R.T.: -0.002 min
Response: 25527146
Conc: 24.87 ng/ml