

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL032222\
 Data File : PL073559.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 22 Mar 2022 09:11
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 03/23/2022
 Supervised By : mohammad ahmed 03/23/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 23 01:39:48 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL031122.M
 Quant Title : GC Extractables
 QLast Update : Mon Mar 14 04:12:46 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...	4.642	5.491	6323361	34131279	19.743	20.796
28)	SA Decachlor...	10.416	11.330	10613913	36695772	20.873	20.521
Target Compounds							
2)	A alpha-BHC	5.350	6.053	3924696	20773873	9.521	9.234
3)	MA gamma-BHC...	5.773	6.442	4029800	20372457	9.661	9.542
6)	B beta-BHC	6.154	6.679	2392107	11710139	11.618	11.234
12)	B 4,4'-DDE	7.648	8.462	131078	566277	0.365	0.316
14)	MA Endrin	8.067	8.846	17918122	73150657	46.180	47.518
16)	A 4,4'-DDD	8.234	8.986	1690906	7016530	5.207	4.807m
17)	MA 4,4'-DDT	8.496	9.306	33393746	146.3E6	88.301	89.515
18)	B Endrin al...	8.568	9.202	652226	1357343	2.062	1.107 #
20)	A Methoxychlor	9.091	9.786	50386662	190.0E6	196.413	210.816
21)	B Endrin ke...	9.315	9.928	1865069	5111734	3.812m	3.097

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

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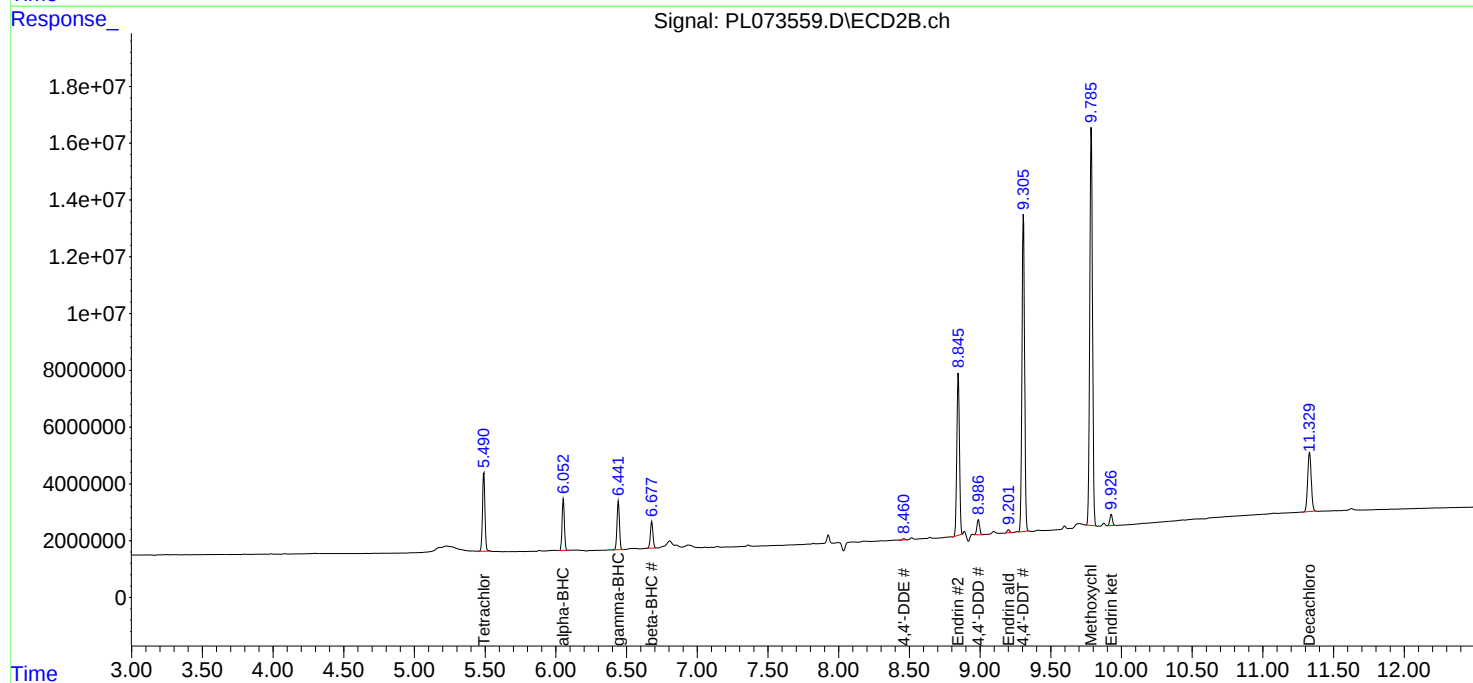
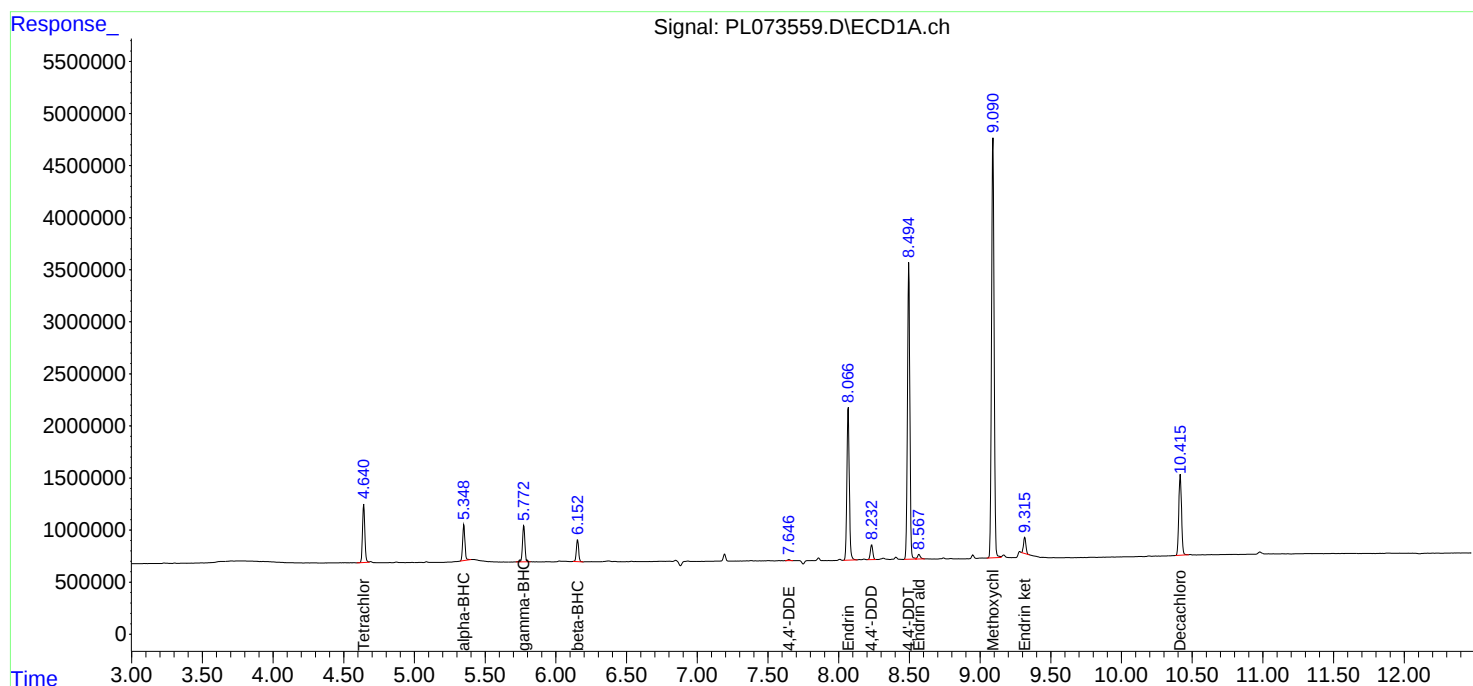
Instrument :
ECD_L
ClientSampleId :
PEM

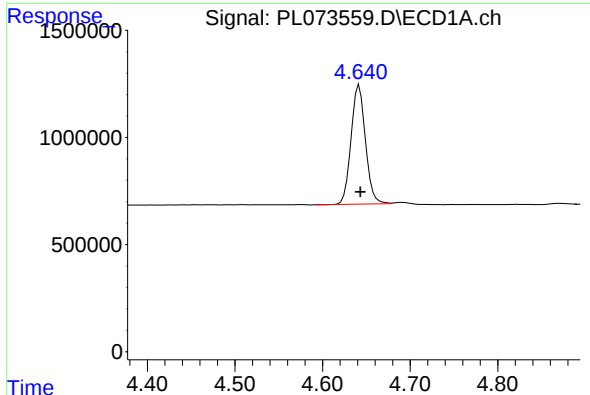
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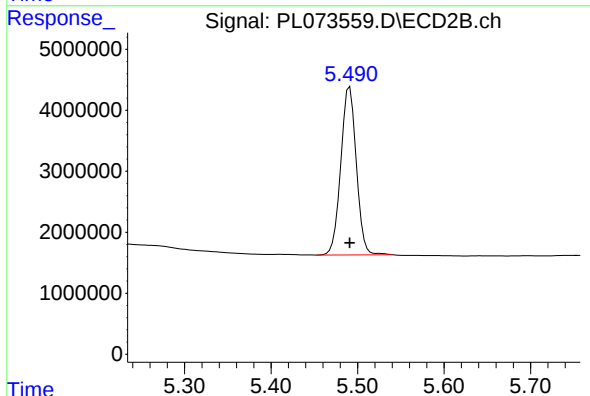
#1 Tetrachloro-m-xylene

R.T.: 4.642 min
Delta R.T.: -0.001 min
Response: 6323361
Conc: 19.74 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

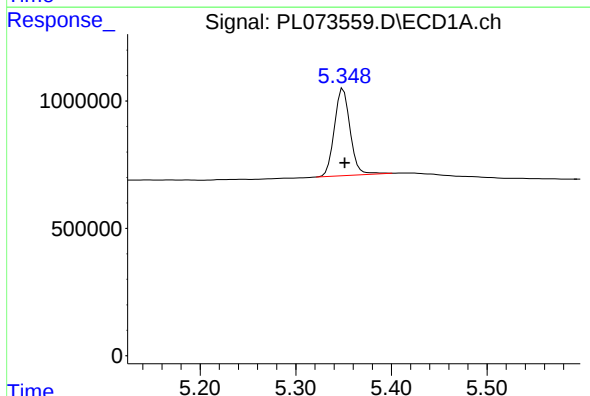
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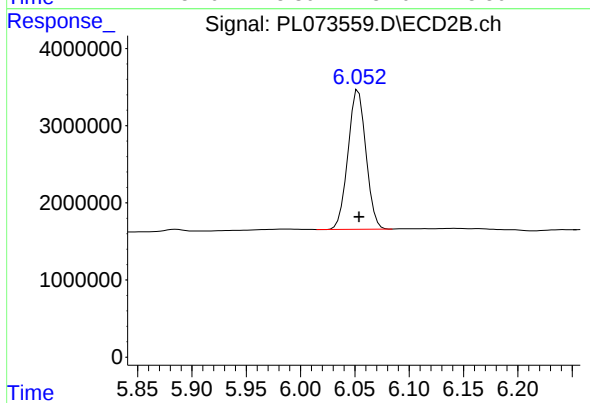
#1 Tetrachloro-m-xylene

R.T.: 5.491 min
Delta R.T.: 0.000 min
Response: 34131279
Conc: 20.80 ng/ml



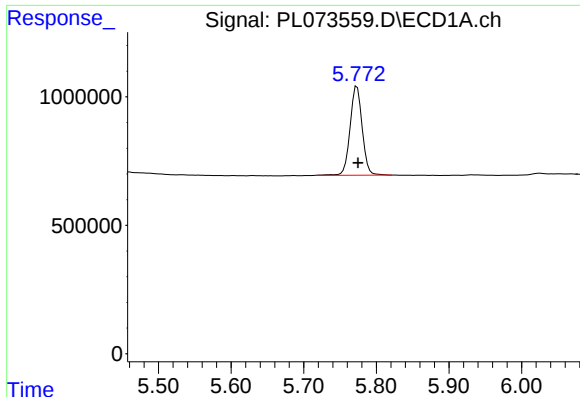
#2 alpha-BHC

R.T.: 5.350 min
Delta R.T.: -0.002 min
Response: 3924696
Conc: 9.52 ng/ml



#2 alpha-BHC

R.T.: 6.053 min
Delta R.T.: 0.000 min
Response: 20773873
Conc: 9.23 ng/ml



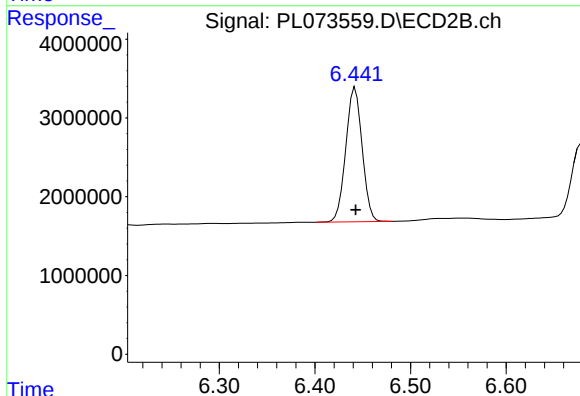
#3 gamma-BHC (Lindane)

R.T.: 5.773 min
Delta R.T.: -0.002 min
Response: 4029800
Conc: 9.66 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

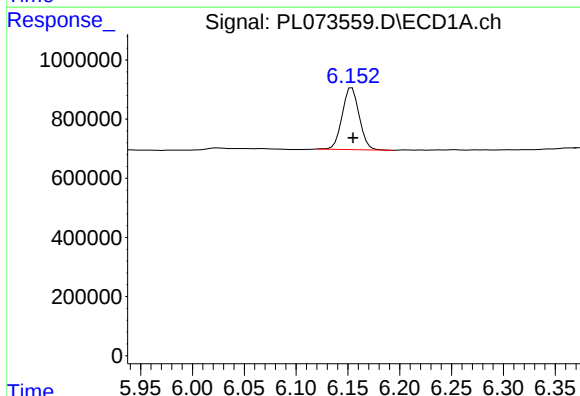
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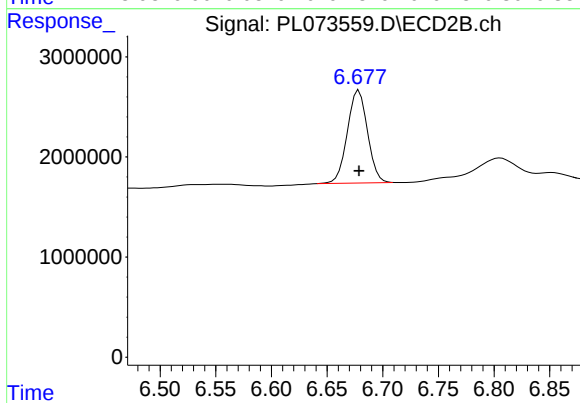
#3 gamma-BHC (Lindane)

R.T.: 6.442 min
Delta R.T.: 0.000 min
Response: 20372457
Conc: 9.54 ng/ml



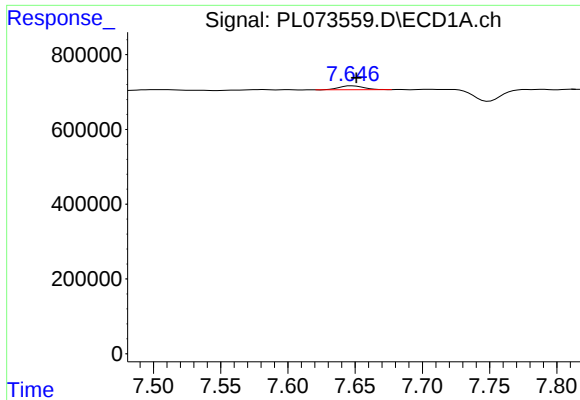
#6 beta-BHC

R.T.: 6.154 min
Delta R.T.: 0.000 min
Response: 2392107
Conc: 11.62 ng/ml



#6 beta-BHC

R.T.: 6.679 min
Delta R.T.: 0.000 min
Response: 11710139
Conc: 11.23 ng/ml



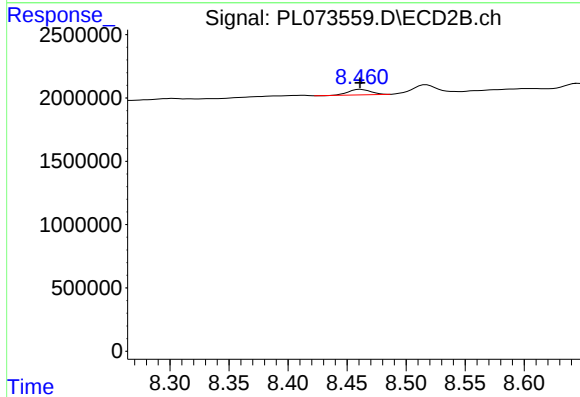
#12 4,4'-DDE

R.T.: 7.648 min
Delta R.T.: -0.003 min
Response: 131078
Conc: 0.37 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

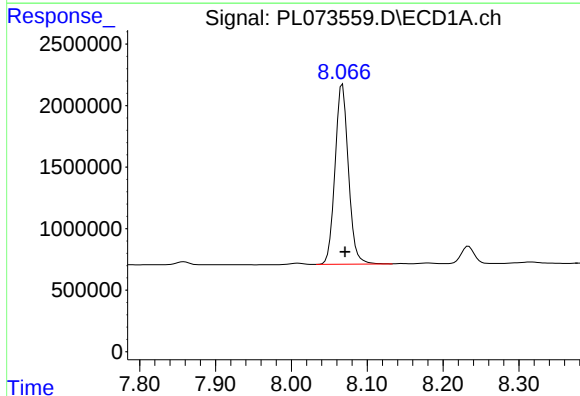
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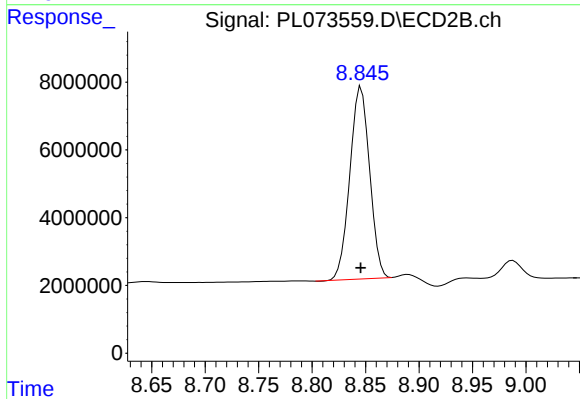
#12 4,4'-DDE

R.T.: 8.462 min
Delta R.T.: 0.000 min
Response: 566277
Conc: 0.32 ng/ml



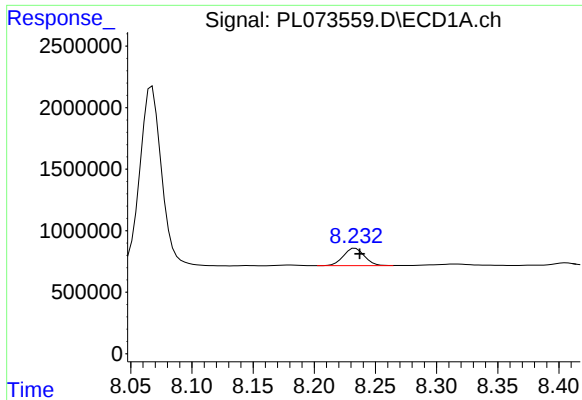
#14 Endrin

R.T.: 8.067 min
Delta R.T.: -0.003 min
Response: 17918122
Conc: 46.18 ng/ml



#14 Endrin

R.T.: 8.846 min
Delta R.T.: 0.000 min
Response: 73150657
Conc: 47.52 ng/ml



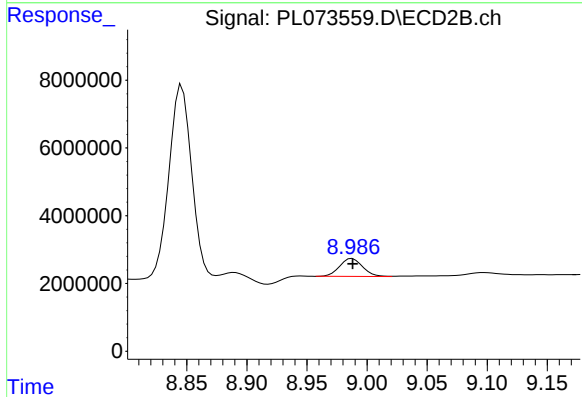
#16 4,4'-DDD

R.T.: 8.234 min
Delta R.T.: -0.004 min
Response: 1690906
Conc: 5.21 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

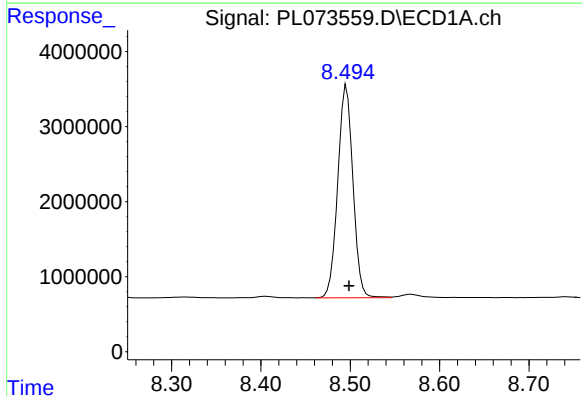
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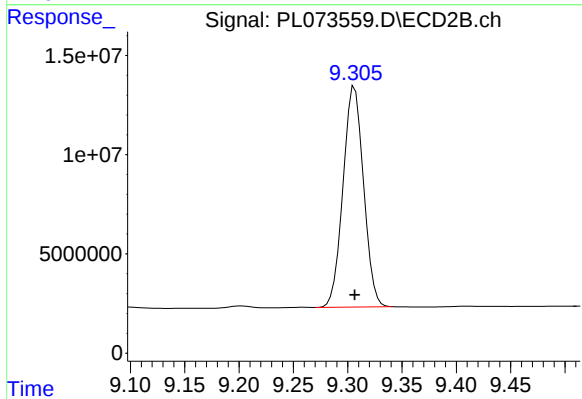
#16 4,4'-DDD

R.T.: 8.986 min
Delta R.T.: -0.002 min
Response: 7016530
Conc: 4.81 ng/ml m



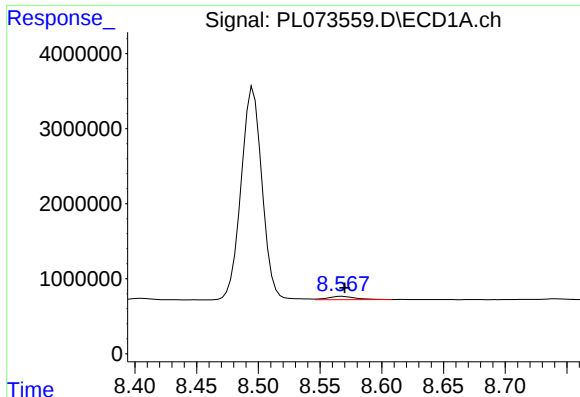
#17 4,4'-DDT

R.T.: 8.496 min
Delta R.T.: -0.003 min
Response: 33393746
Conc: 88.30 ng/ml



#17 4,4'-DDT

R.T.: 9.306 min
Delta R.T.: 0.000 min
Response: 146315614
Conc: 89.52 ng/ml



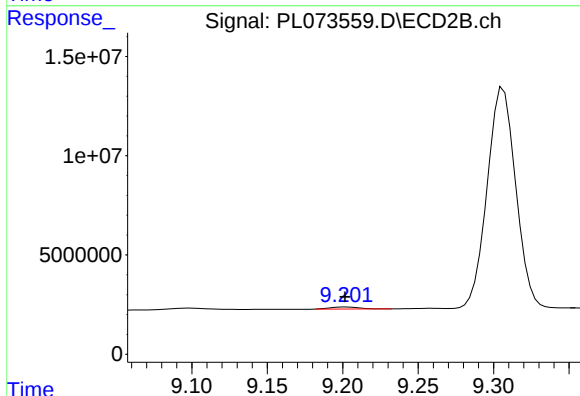
#18 Endrin aldehyde

R.T.: 8.568 min
Delta R.T.: -0.002 min
Response: 652226
Conc: 2.06 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

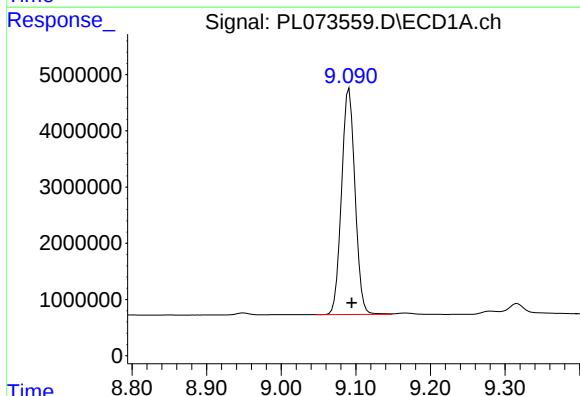
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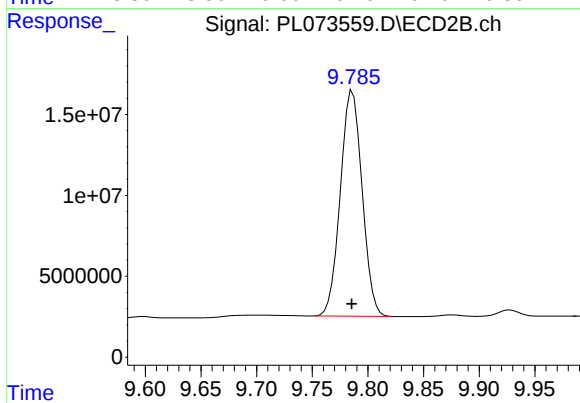
#18 Endrin aldehyde

R.T.: 9.202 min
Delta R.T.: 0.000 min
Response: 1357343
Conc: 1.11 ng/ml



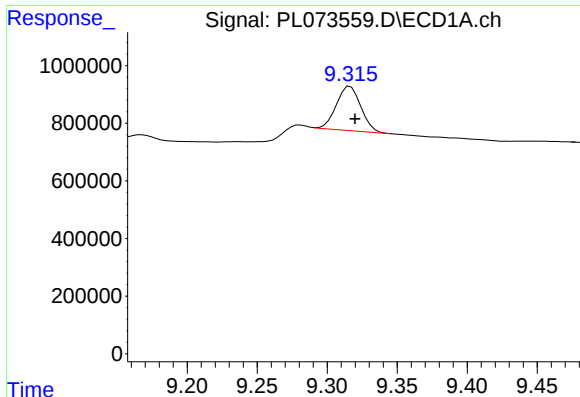
#20 Methoxychlor

R.T.: 9.091 min
Delta R.T.: -0.003 min
Response: 50386662
Conc: 196.41 ng/ml



#20 Methoxychlor

R.T.: 9.786 min
Delta R.T.: 0.000 min
Response: 189960829
Conc: 210.82 ng/ml



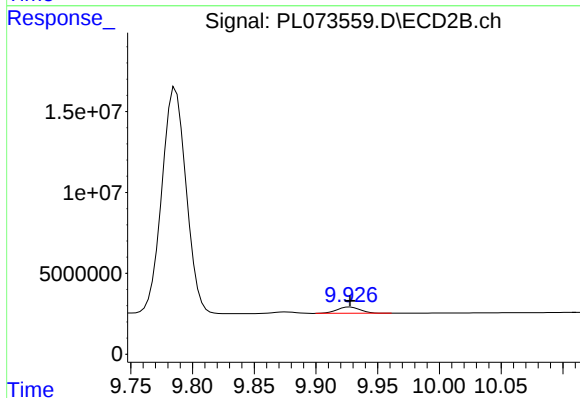
#21 Endrin ketone

R.T.: 9.315 min
Delta R.T.: -0.005 min
Response: 1865069
Conc: 3.81 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

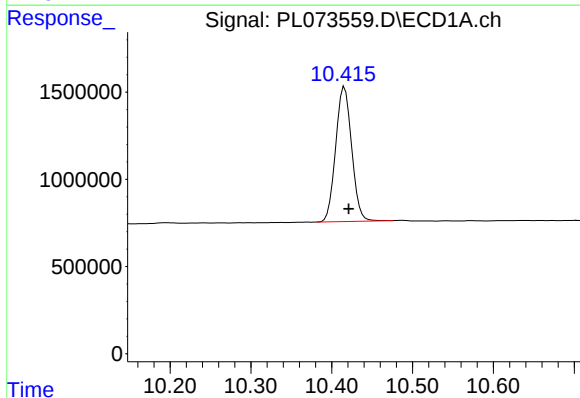
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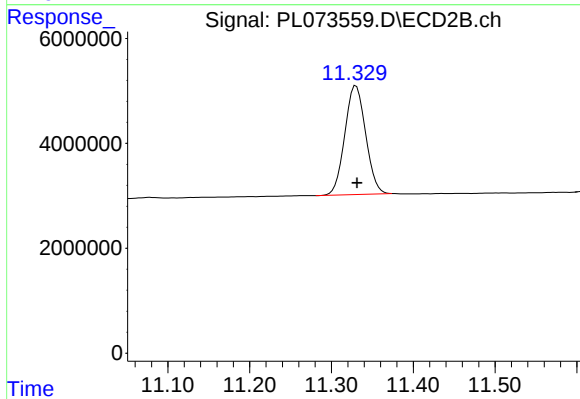
#21 Endrin ketone

R.T.: 9.928 min
Delta R.T.: 0.000 min
Response: 5111734
Conc: 3.10 ng/ml



#28 Decachlorobiphenyl

R.T.: 10.416 min
Delta R.T.: -0.005 min
Response: 10613913
Conc: 20.87 ng/ml



#28 Decachlorobiphenyl

R.T.: 11.330 min
Delta R.T.: -0.001 min
Response: 36695772
Conc: 20.52 ng/ml