

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL031122\
 Data File : PL073274.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 11 Mar 2022 19:50
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 03/15/2022
 Supervised By : Ankita Jodhani 03/15/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 12 05:36:32 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL031122.M
 Quant Title : GC Extractables
 QLast Update : Sat Mar 12 05:34:25 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	6542280	33690997	20.426	20.528
28)	SA Decachlor...	10.420	11.330	10753604	37989028	21.148	21.245
Target Compounds							
2)	A alpha-BHC	5.351	6.053	3966728	20474312	9.623	9.101
3)	MA gamma-BHC...	5.774	6.442	4127186	20121150	9.894	9.424
6)	B beta-BHC	6.154	6.678	2395514	11565168	11.635	11.095
12)	B 4,4'-DDE	7.653	8.459	105037	338588	0.293	0.189 #
14)	MA Endrin	8.071	8.846	19808140	80357006	51.051	52.200
16)	A 4,4'-DDD	8.236	8.986	91101	272155	0.281m	0.186m#
17)	MA 4,4'-DDT	8.498	9.306	39692136	168.0E6	104.955	102.808
18)	B Endrin al...	8.574	9.202	346979	232729	1.097	0.190 #
20)	A Methoxychlor	9.094	9.786	59782809	224.8E6	233.040	249.436
21)	B Endrin ke...	9.320	9.927	456797	1003609	0.934	0.608 #

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

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Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

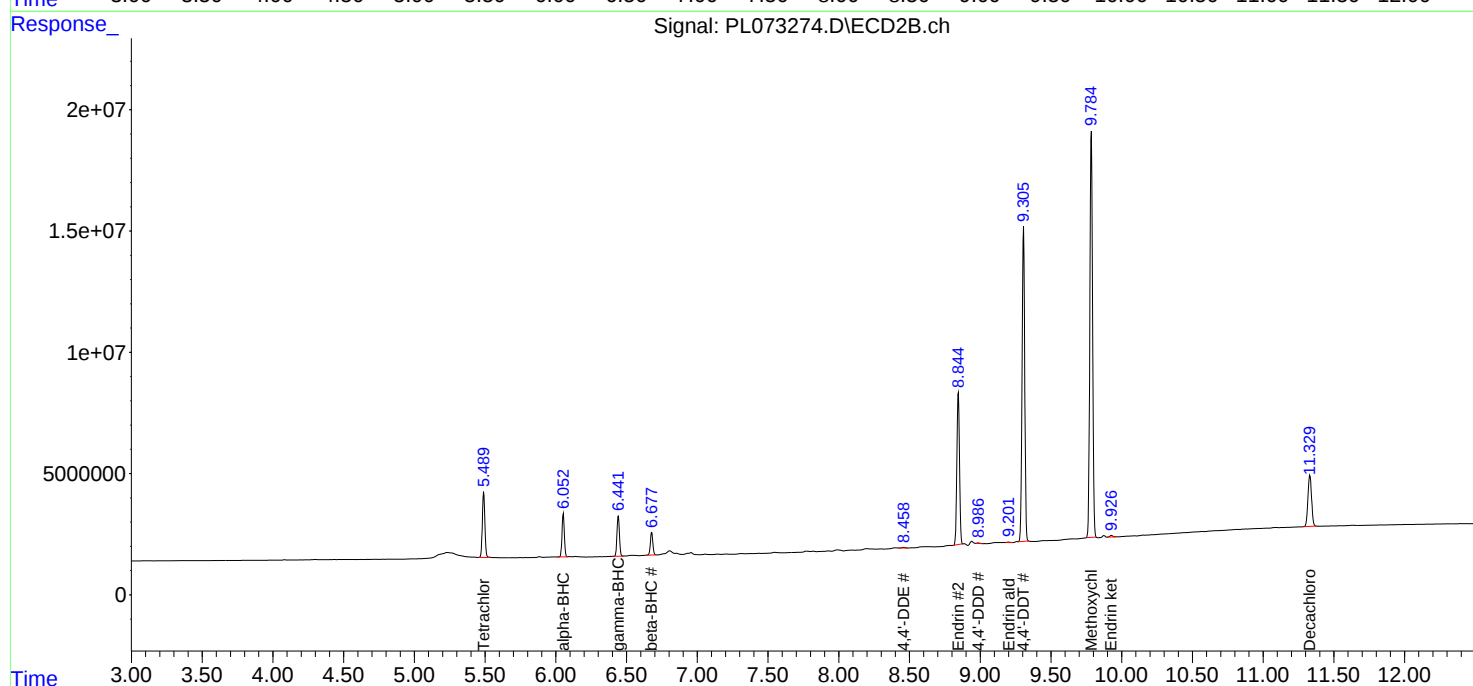
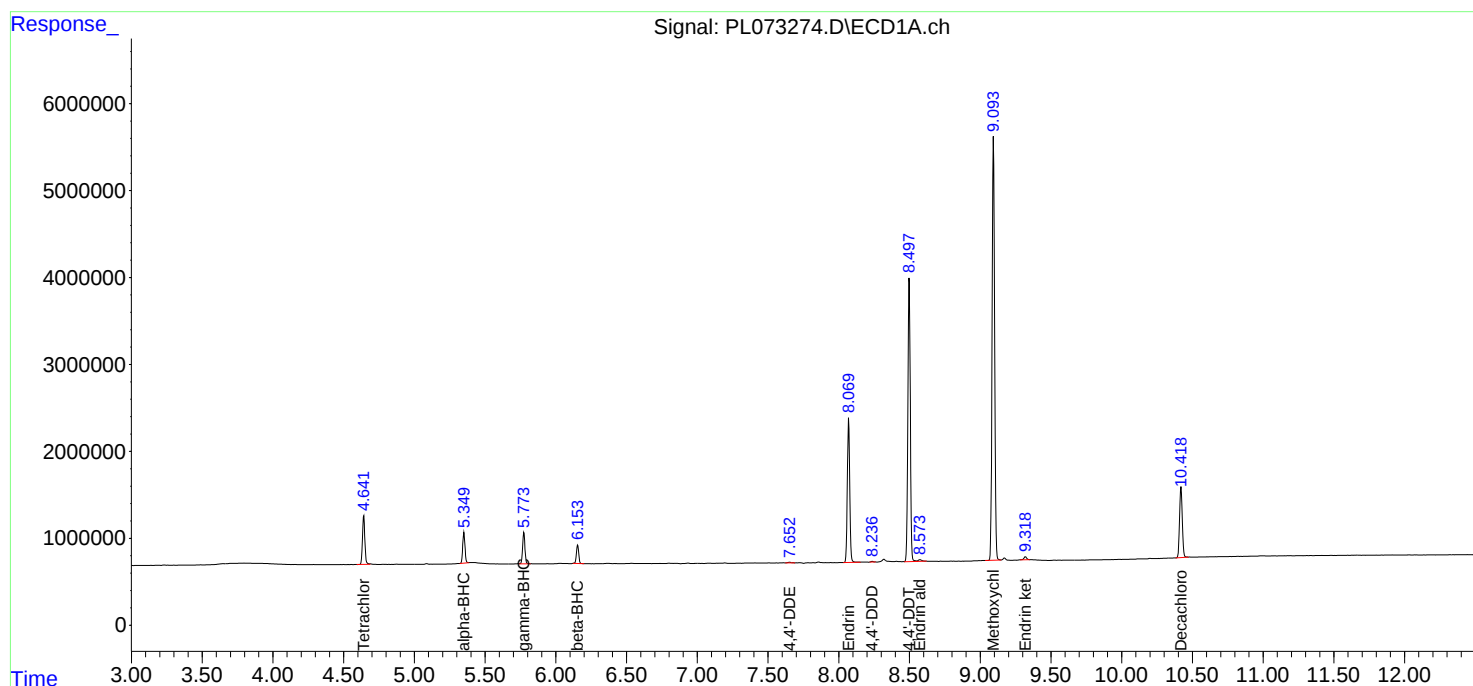
Instrument :
ECD_L
ClientSampleId :
PEM

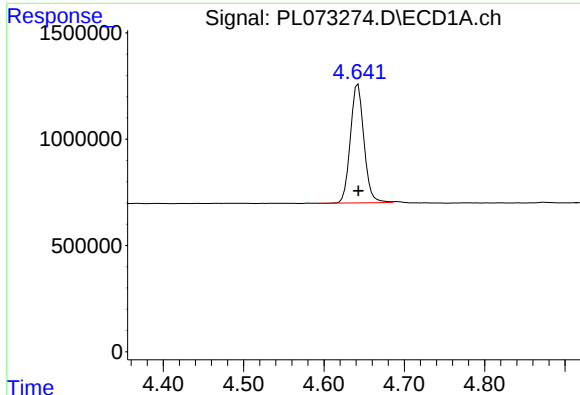
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Integration File signal 1: autoint1.e
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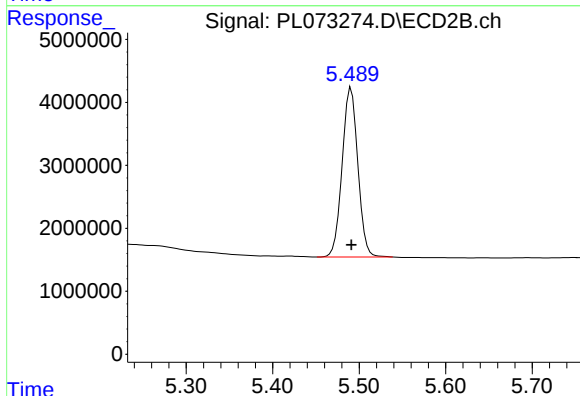
#1 Tetrachloro-m-xylene

R.T.: 4.642 min
Delta R.T.: 0.000 min
Response: 6542280
Conc: 20.43 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

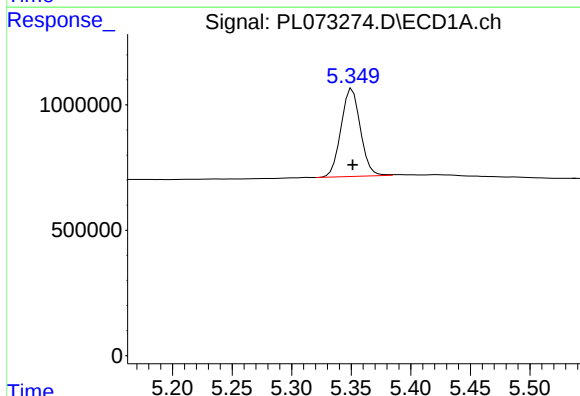
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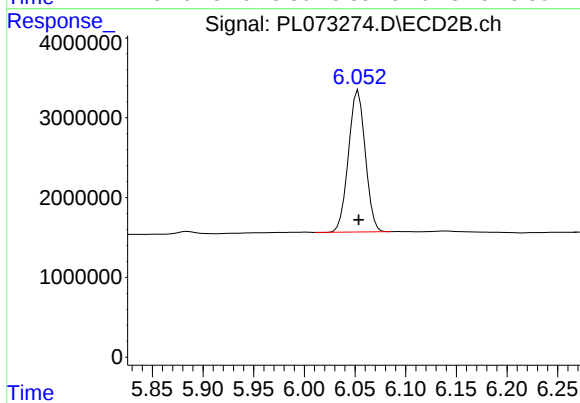
#1 Tetrachloro-m-xylene

R.T.: 5.491 min
Delta R.T.: 0.000 min
Response: 33690997
Conc: 20.53 ng/ml



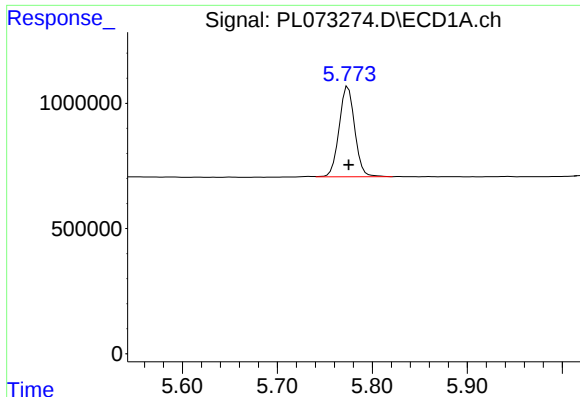
#2 alpha-BHC

R.T.: 5.351 min
Delta R.T.: 0.000 min
Response: 3966728
Conc: 9.62 ng/ml



#2 alpha-BHC

R.T.: 6.053 min
Delta R.T.: 0.000 min
Response: 20474312
Conc: 9.10 ng/ml



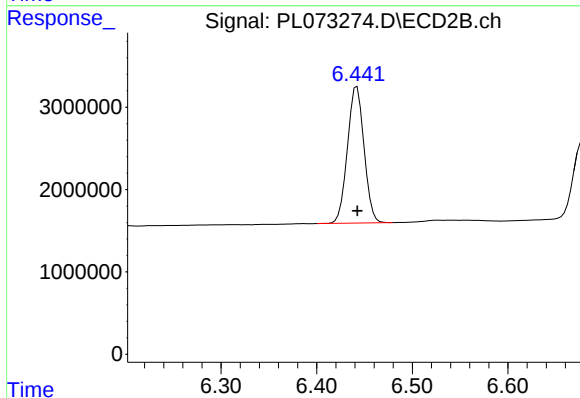
#3 gamma-BHC (Lindane)

R.T.: 5.774 min
Delta R.T.: 0.000 min
Response: 4127186
Conc: 9.89 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

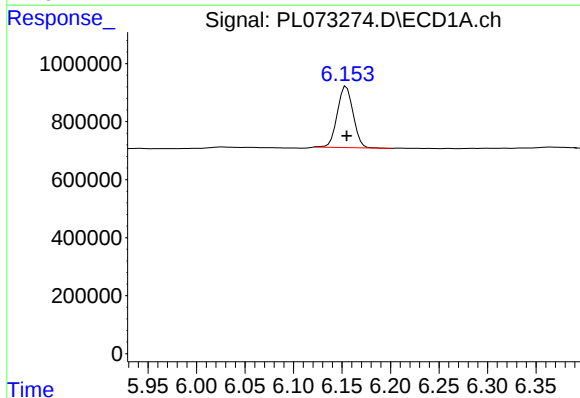
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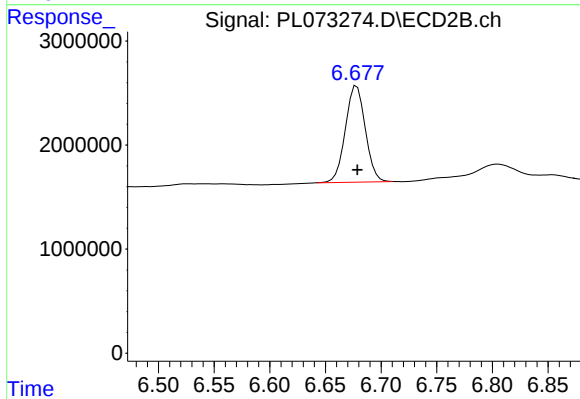
#3 gamma-BHC (Lindane)

R.T.: 6.442 min
Delta R.T.: 0.000 min
Response: 20121150
Conc: 9.42 ng/ml



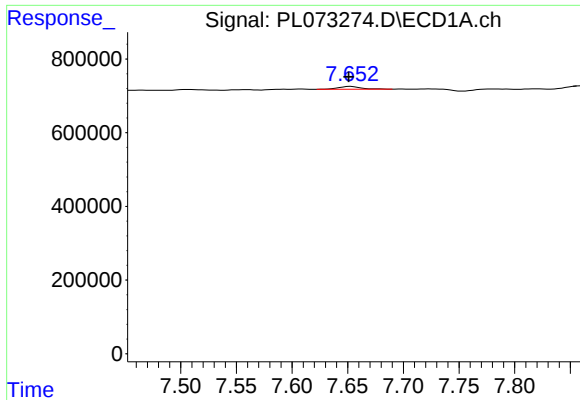
#6 beta-BHC

R.T.: 6.154 min
Delta R.T.: 0.000 min
Response: 2395514
Conc: 11.63 ng/ml



#6 beta-BHC

R.T.: 6.678 min
Delta R.T.: 0.000 min
Response: 11565168
Conc: 11.10 ng/ml



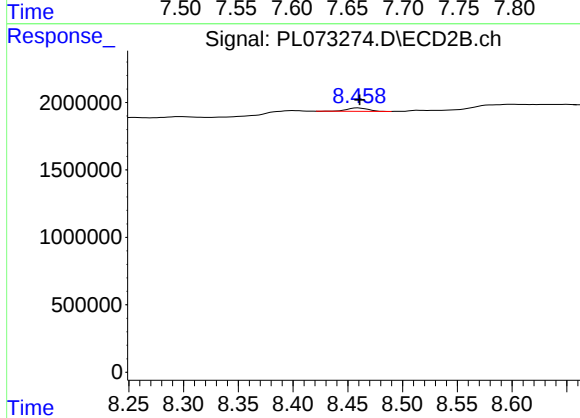
#12 4,4'-DDE

R.T.: 7.653 min
Delta R.T.: 0.002 min
Response: 105037
Conc: 0.29 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

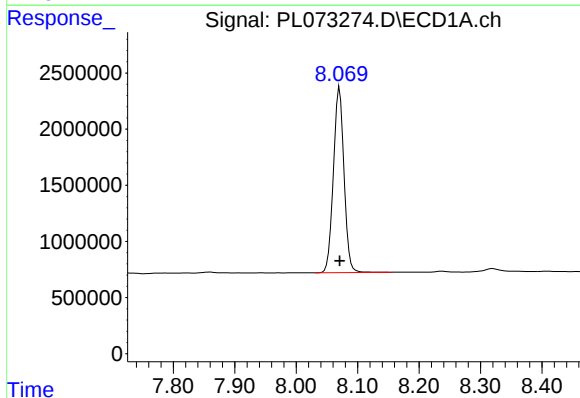
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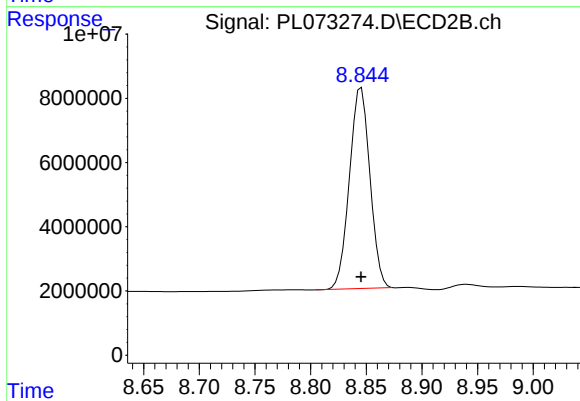
#12 4,4'-DDE

R.T.: 8.459 min
Delta R.T.: -0.001 min
Response: 338588
Conc: 0.19 ng/ml



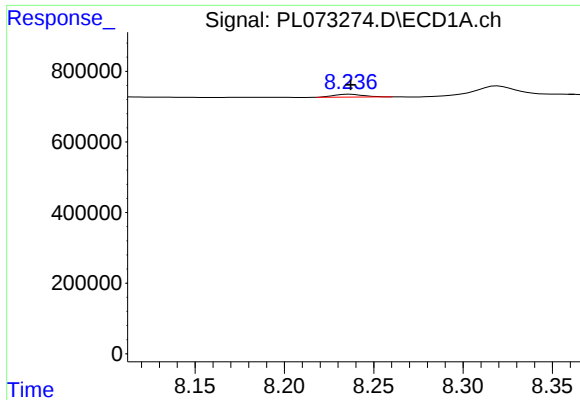
#14 Endrin

R.T.: 8.071 min
Delta R.T.: 0.000 min
Response: 19808140
Conc: 51.05 ng/ml



#14 Endrin

R.T.: 8.846 min
Delta R.T.: 0.000 min
Response: 80357006
Conc: 52.20 ng/ml



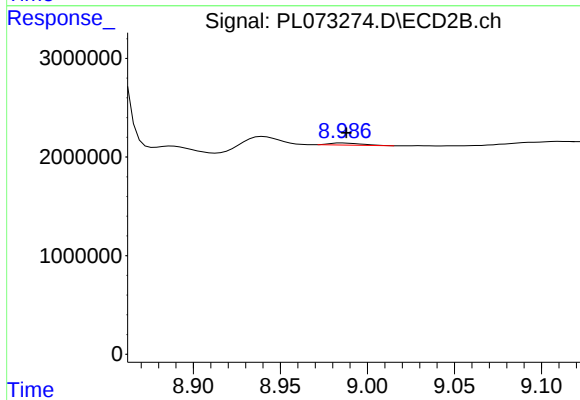
#16 4,4'-DDD

R.T.: 8.236 min
Delta R.T.: -0.002 min
Response: 91101
Conc: 0.28 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

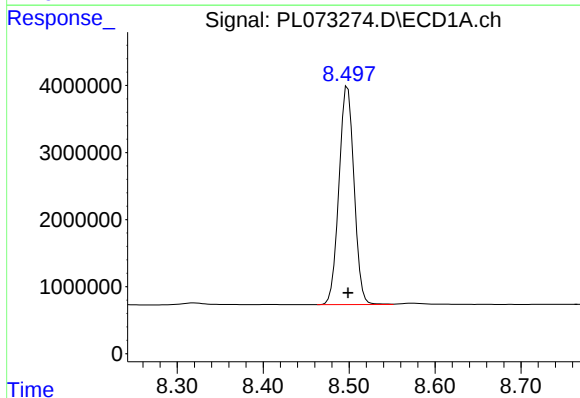
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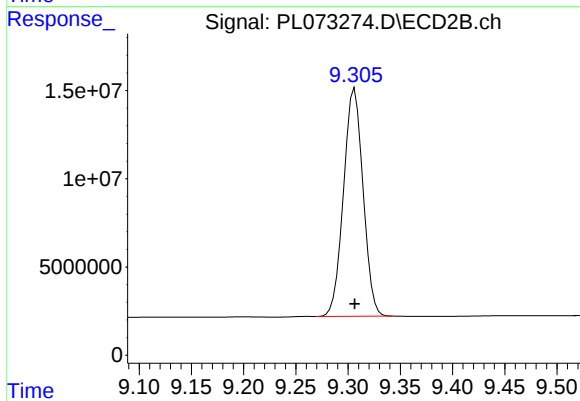
#16 4,4'-DDD

R.T.: 8.986 min
Delta R.T.: -0.002 min
Response: 272155
Conc: 0.19 ng/ml m



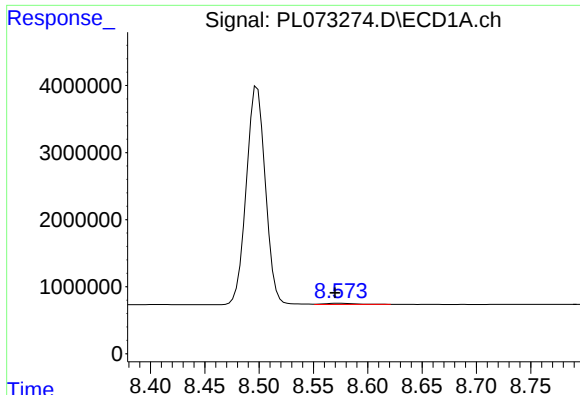
#17 4,4'-DDT

R.T.: 8.498 min
Delta R.T.: 0.000 min
Response: 39692136
Conc: 104.95 ng/ml



#17 4,4'-DDT

R.T.: 9.306 min
Delta R.T.: 0.000 min
Response: 168042809
Conc: 102.81 ng/ml



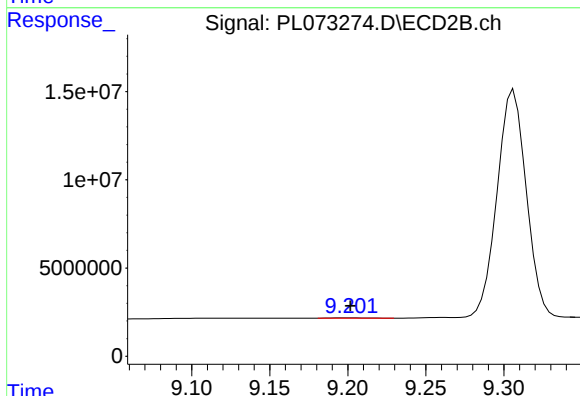
#18 Endrin aldehyde

R.T.: 8.574 min
Delta R.T.: 0.004 min
Response: 346979
Conc: 1.10 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

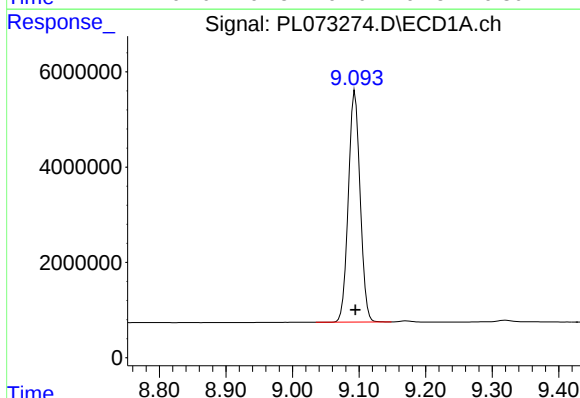
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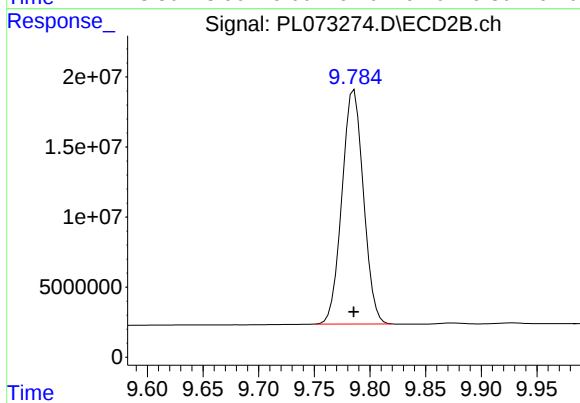
#18 Endrin aldehyde

R.T.: 9.202 min
Delta R.T.: 0.000 min
Response: 232729
Conc: 0.19 ng/ml



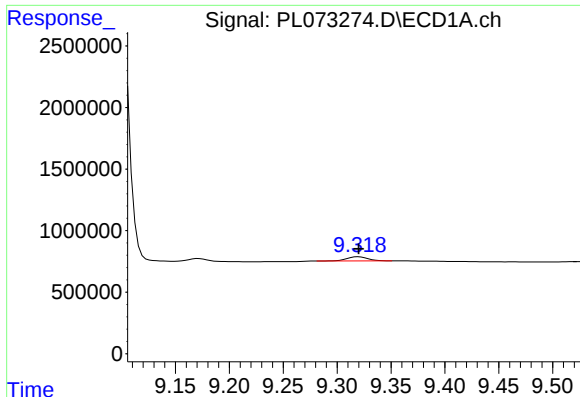
#20 Methoxychlor

R.T.: 9.094 min
Delta R.T.: 0.000 min
Response: 59782809
Conc: 233.04 ng/ml



#20 Methoxychlor

R.T.: 9.786 min
Delta R.T.: 0.000 min
Response: 224760297
Conc: 249.44 ng/ml



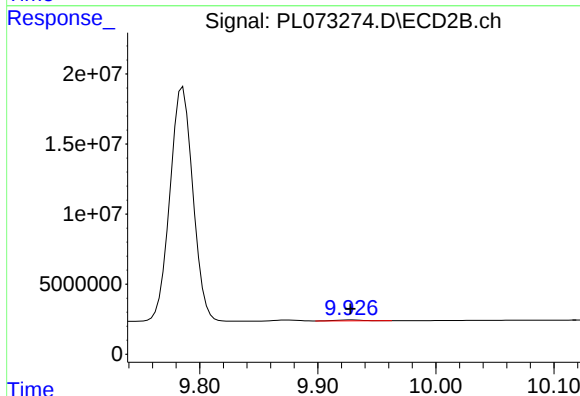
#21 Endrin ketone

R.T.: 9.320 min
Delta R.T.: 0.000 min
Response: 456797
Conc: 0.93 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

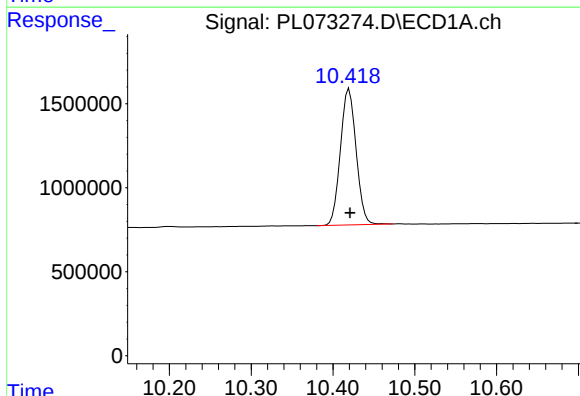
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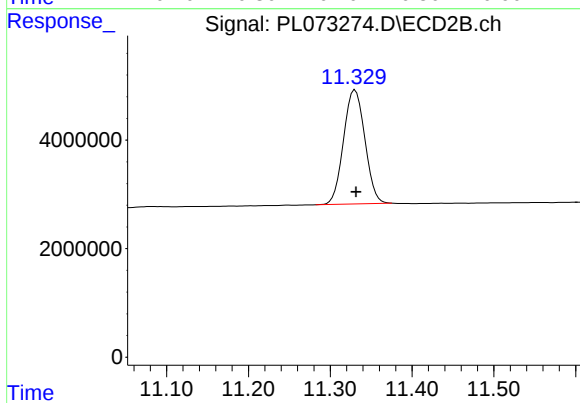
#21 Endrin ketone

R.T.: 9.927 min
Delta R.T.: 0.000 min
Response: 1003609
Conc: 0.61 ng/ml



#28 Decachlorobiphenyl

R.T.: 10.420 min
Delta R.T.: -0.001 min
Response: 10753604
Conc: 21.15 ng/ml



#28 Decachlorobiphenyl

R.T.: 11.330 min
Delta R.T.: -0.001 min
Response: 37989028
Conc: 21.24 ng/ml