

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL040522\
 Data File : PL073810.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 05 Apr 2022 09:14
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 04/06/2022
 Supervised By : mohammad ahmed 04/06/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 06 01:02:56 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...	4.640	5.491	6400313	36223675	19.983	22.071
28)	SA Decachlor...	10.414	11.333	9778306	30977925	19.230	17.324
Target Compounds							
2)	A alpha-BHC	5.348	6.054	3941464	22185692	9.562	9.862
3)	MA gamma-BHC...	5.772	6.443	3917834	21613754	9.392	10.123
6)	B beta-BHC	6.152	6.680	2207734	12218751	10.723	11.722
12)	B 4,4'-DDE	7.646	8.463	90530	300301	0.252	0.168 #
14)	MA Endrin	8.067	8.846	18496688	72414607	47.671	47.040
16)	A 4,4'-DDD	8.232	8.988	616535	2195999	1.899	1.504m
17)	MA 4,4'-DDT	8.494	9.308	32232365	133.4E6	85.230	81.605
18)	B Endrin al...	8.569	9.203	265459	401296	0.839	0.327 #
20)	A Methoxychlor	9.088	9.788	47050519	169.5E6	183.408	188.063
21)	B Endrin ke...	9.315	9.929	756849	1520013	1.547	0.921 #

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

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Acq On : 05 Apr 2022 09:14
Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

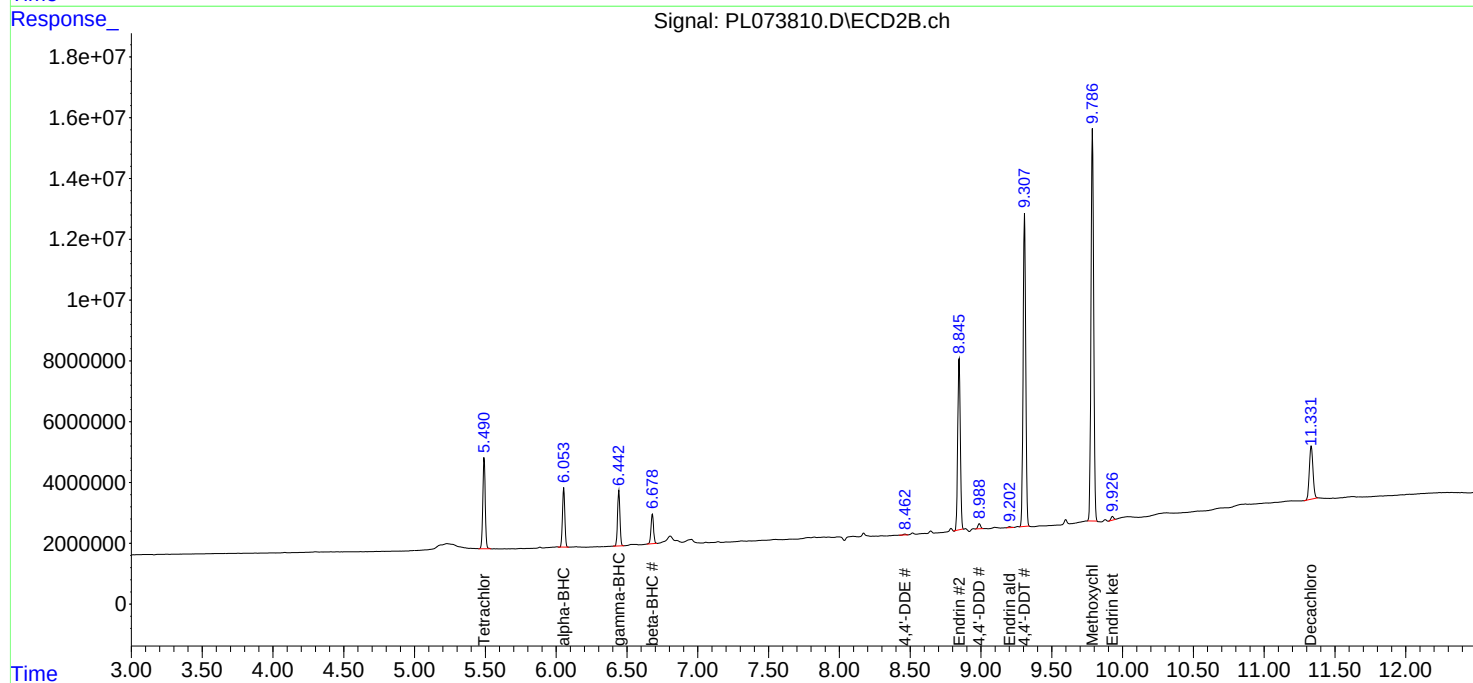
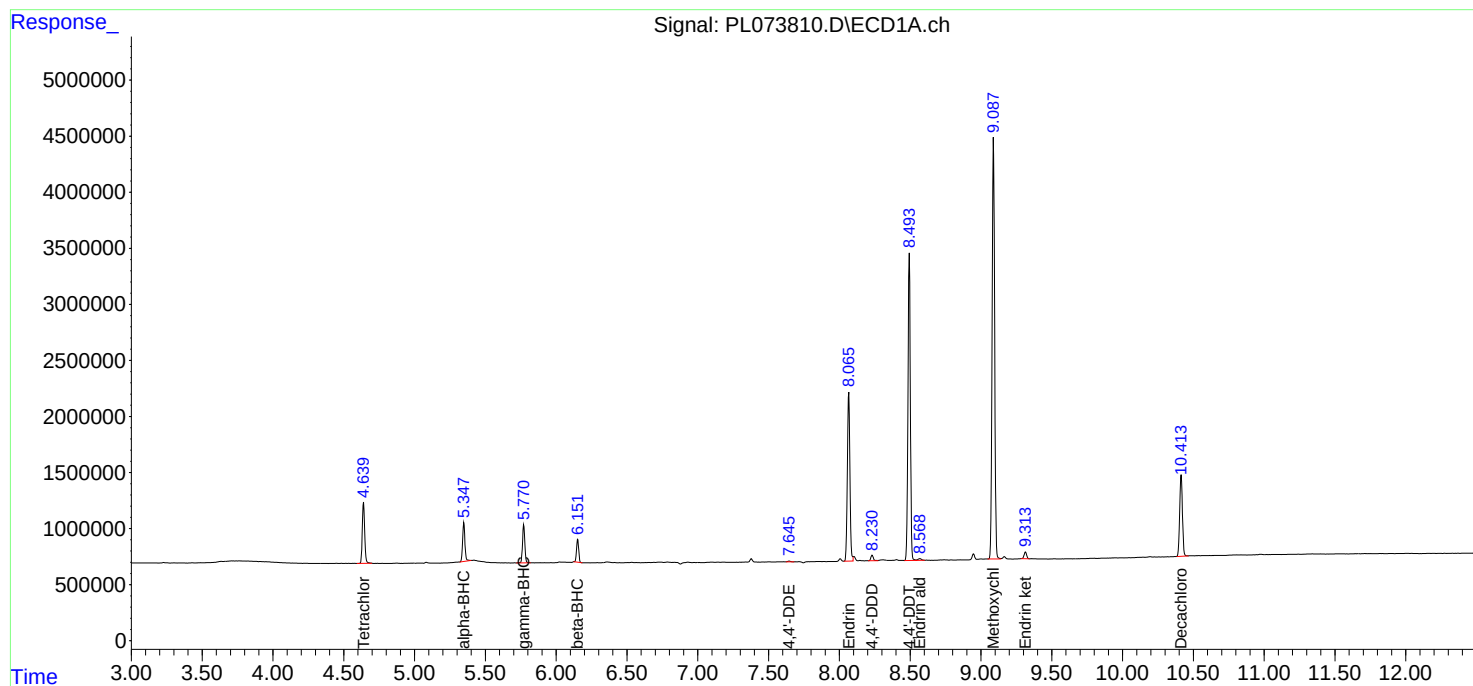
Instrument :
ECD_L
ClientSampleId :
PEM

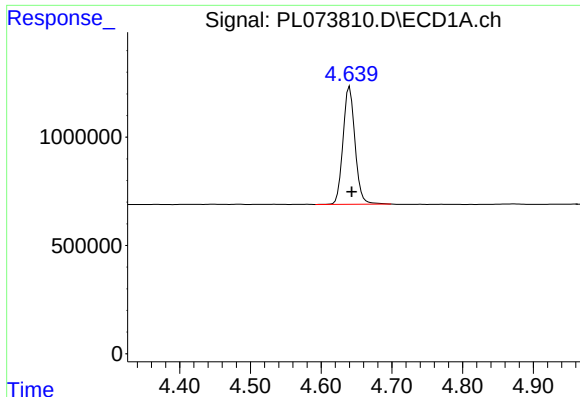
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Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
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Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL031122.M
Quant Title : GC Extractables
QLast Update : Mon Mar 14 04:12:46 2022
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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





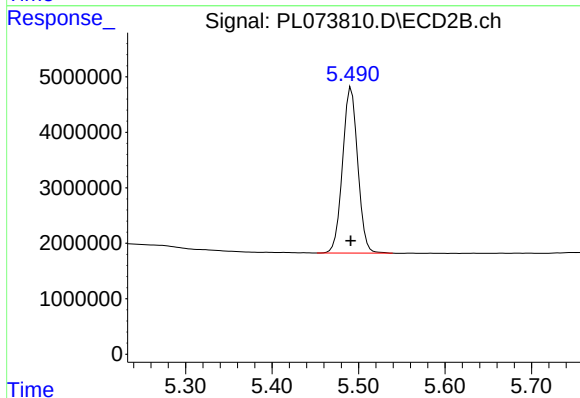
#1 Tetrachloro-m-xylene

R.T.: 4.640 min
Delta R.T.: -0.003 min
Response: 6400313
Conc: 19.98 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

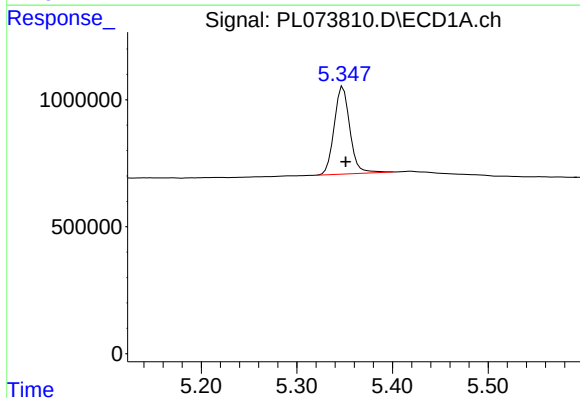
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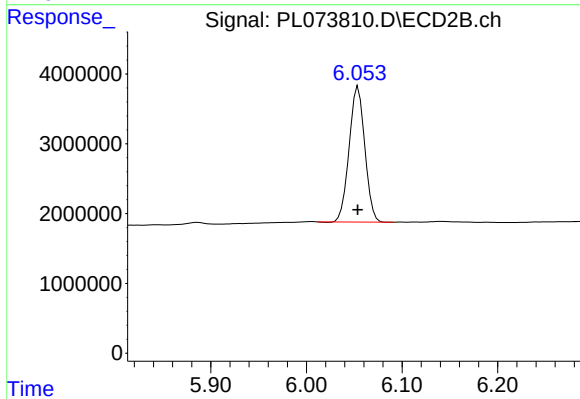
#1 Tetrachloro-m-xylene

R.T.: 5.491 min
Delta R.T.: 0.000 min
Response: 36223675
Conc: 22.07 ng/ml



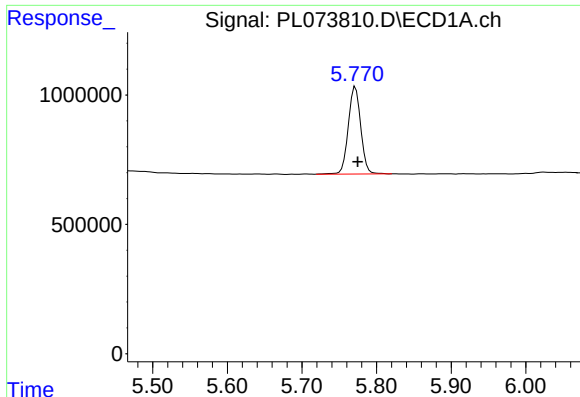
#2 alpha-BHC

R.T.: 5.348 min
Delta R.T.: -0.003 min
Response: 3941464
Conc: 9.56 ng/ml



#2 alpha-BHC

R.T.: 6.054 min
Delta R.T.: 0.000 min
Response: 22185692
Conc: 9.86 ng/ml



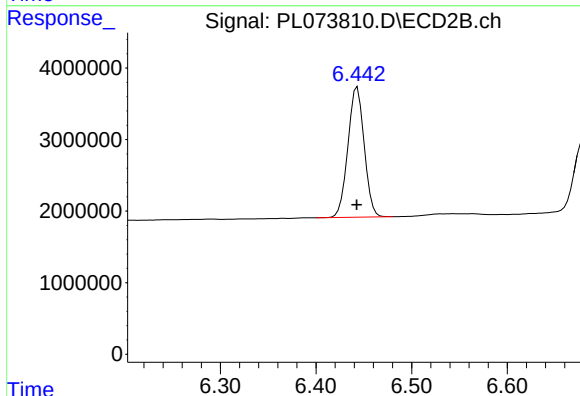
#3 gamma-BHC (Lindane)

R.T.: 5.772 min
Delta R.T.: -0.003 min
Response: 3917834
Conc: 9.39 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

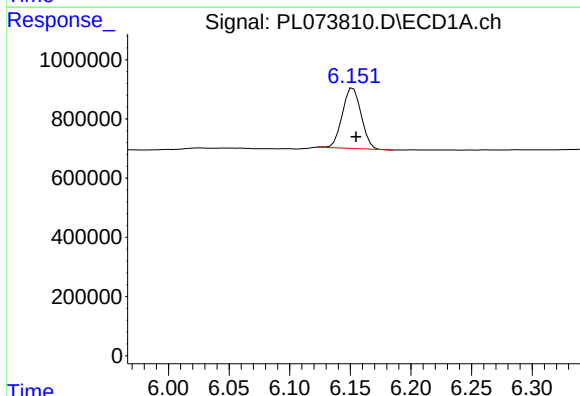
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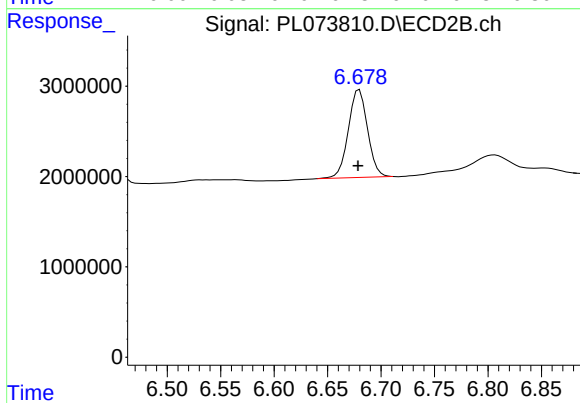
#3 gamma-BHC (Lindane)

R.T.: 6.443 min
Delta R.T.: 0.000 min
Response: 21613754
Conc: 10.12 ng/ml



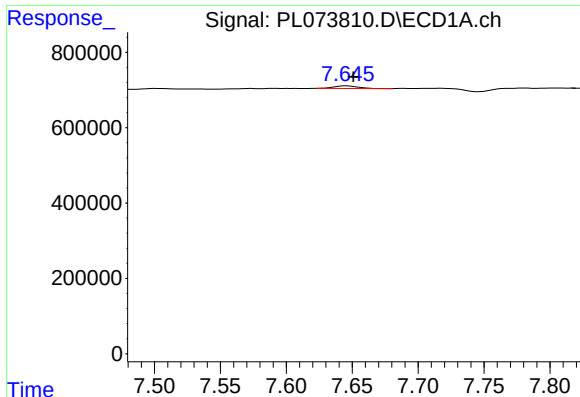
#6 beta-BHC

R.T.: 6.152 min
Delta R.T.: -0.002 min
Response: 2207734
Conc: 10.72 ng/ml



#6 beta-BHC

R.T.: 6.680 min
Delta R.T.: 0.001 min
Response: 12218751
Conc: 11.72 ng/ml



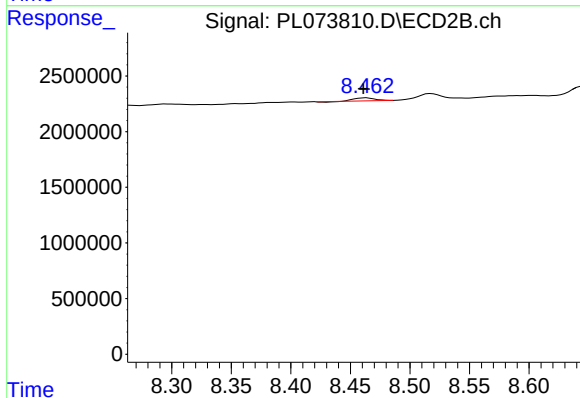
#12 4,4'-DDE

R.T.: 7.646 min
Delta R.T.: -0.005 min
Response: 90530
Conc: 0.25 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

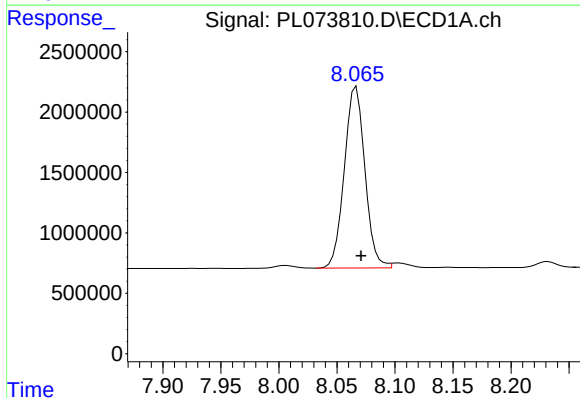
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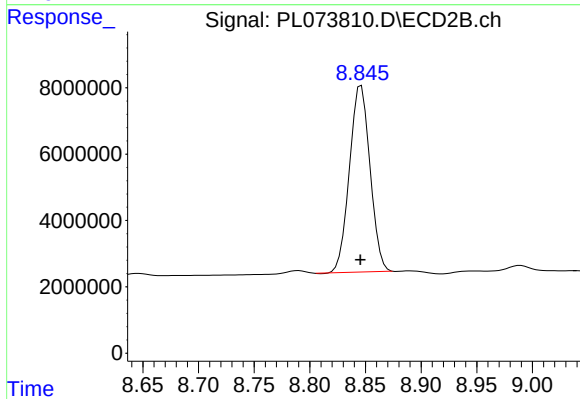
#12 4,4'-DDE

R.T.: 8.463 min
Delta R.T.: 0.002 min
Response: 300301
Conc: 0.17 ng/ml



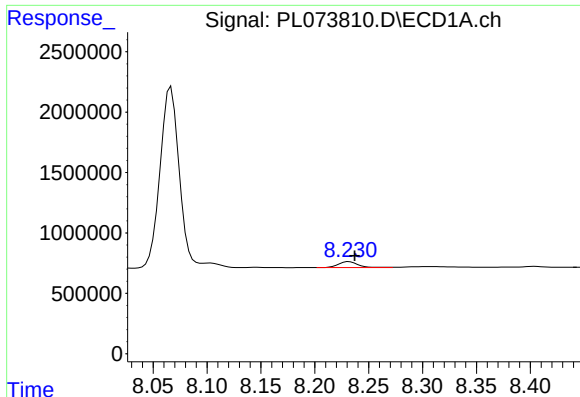
#14 Endrin

R.T.: 8.067 min
Delta R.T.: -0.004 min
Response: 18496688
Conc: 47.67 ng/ml



#14 Endrin

R.T.: 8.846 min
Delta R.T.: 0.000 min
Response: 72414607
Conc: 47.04 ng/ml



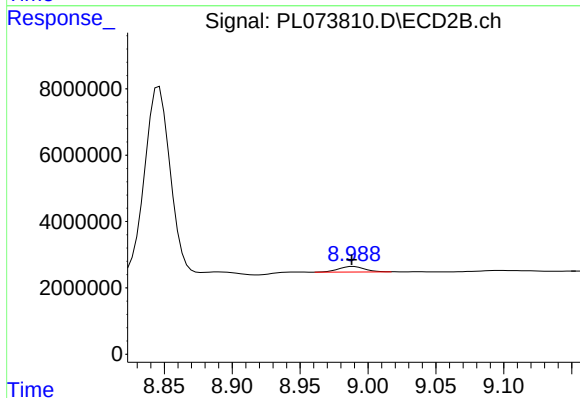
#16 4,4'-DDD

R.T.: 8.232 min
Delta R.T.: -0.005 min
Response: 616535
Conc: 1.90 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

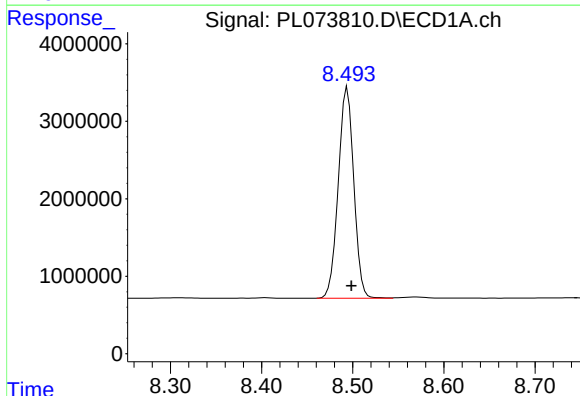
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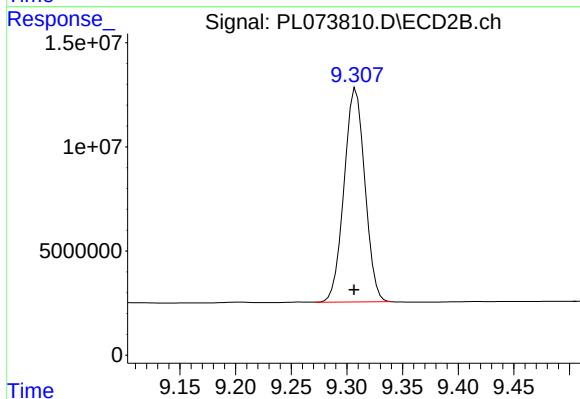
#16 4,4'-DDD

R.T.: 8.988 min
Delta R.T.: 0.000 min
Response: 2195999
Conc: 1.50 ng/ml m



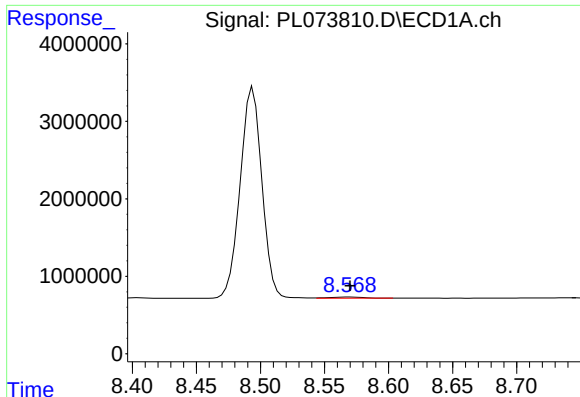
#17 4,4'-DDT

R.T.: 8.494 min
Delta R.T.: -0.005 min
Response: 32232365
Conc: 85.23 ng/ml



#17 4,4'-DDT

R.T.: 9.308 min
Delta R.T.: 0.002 min
Response: 133386405
Conc: 81.61 ng/ml



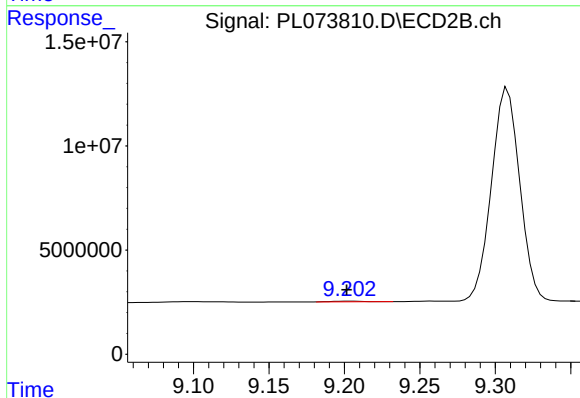
#18 Endrin aldehyde

R.T.: 8.569 min
Delta R.T.: -0.001 min
Response: 265459
Conc: 0.84 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

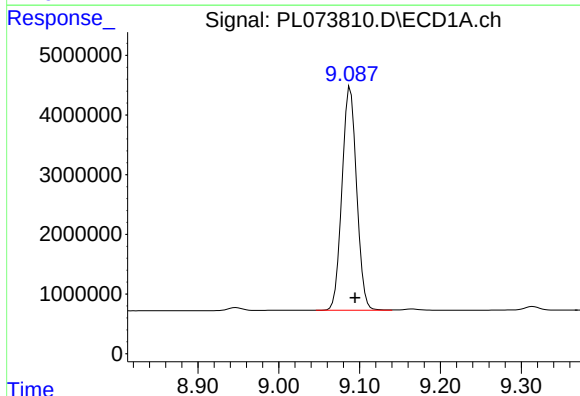
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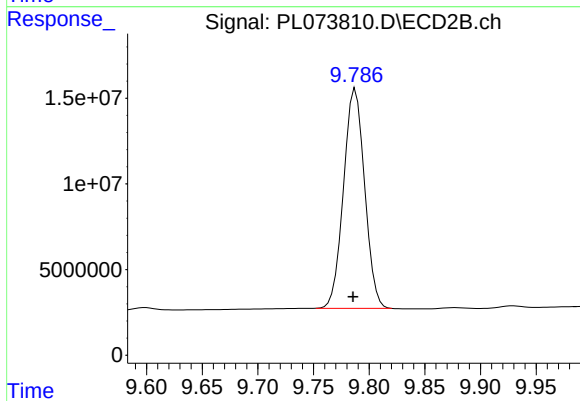
#18 Endrin aldehyde

R.T.: 9.203 min
Delta R.T.: 0.002 min
Response: 401296
Conc: 0.33 ng/ml



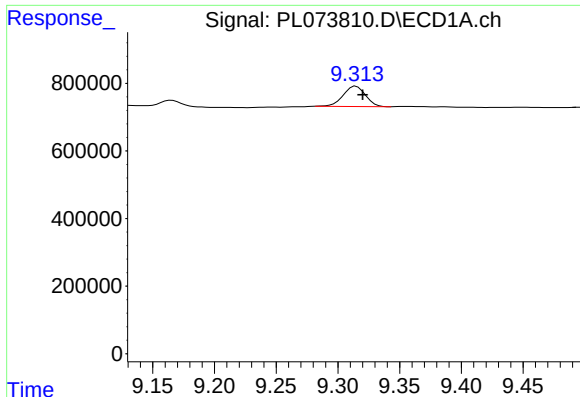
#20 Methoxychlor

R.T.: 9.088 min
Delta R.T.: -0.006 min
Response: 47050519
Conc: 183.41 ng/ml



#20 Methoxychlor

R.T.: 9.788 min
Delta R.T.: 0.002 min
Response: 169458488
Conc: 188.06 ng/ml



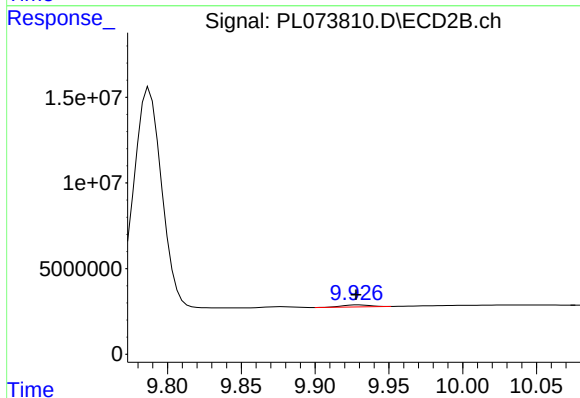
#21 Endrin ketone

R.T.: 9.315 min
Delta R.T.: -0.005 min
Response: 756849
Conc: 1.55 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

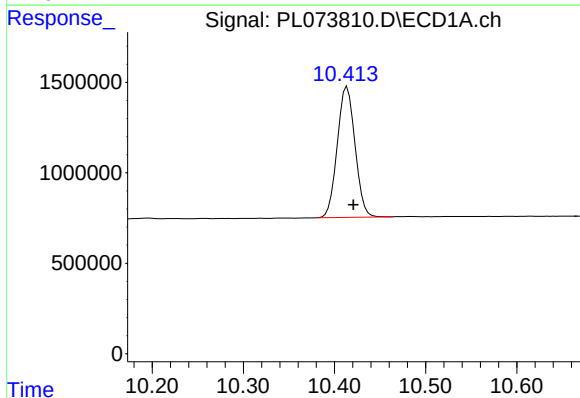
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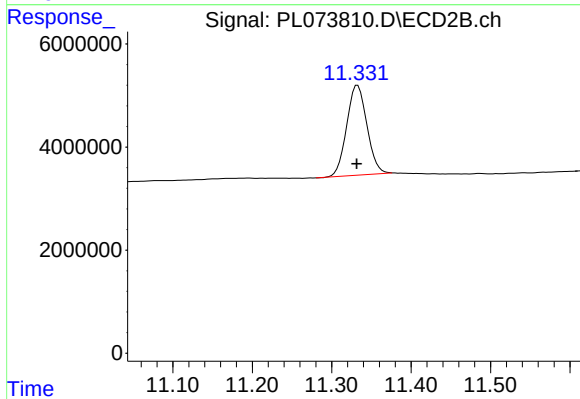
#21 Endrin ketone

R.T.: 9.929 min
Delta R.T.: 0.002 min
Response: 1520013
Conc: 0.92 ng/ml



#28 Decachlorobiphenyl

R.T.: 10.414 min
Delta R.T.: -0.007 min
Response: 9778306
Conc: 19.23 ng/ml



#28 Decachlorobiphenyl

R.T.: 11.333 min
Delta R.T.: 0.001 min
Response: 30977925
Conc: 17.32 ng/ml