

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL052322\
 Data File : PL074939.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 23 May 2022 09:09
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 05/24/2022
 Supervised By : Ankita Jodhani 05/24/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 24 02:38:46 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	4.651	11764398	30049609	23.170	21.894
28)	SA Decachlor...	11.644	10.399	11448382	26989563	25.635	26.295
Target Compounds							
2)	A alpha-BHC	6.231	5.353	7253401	18293893	10.602	10.870
3)	MA gamma-BHC...	6.628	5.774	7057307	18340183	10.933	11.099
6)	B beta-BHC	6.880	6.150	3702386	9782824	12.405	12.321
12)	B 4,4'-DDE	8.664	7.639	110531	305014	0.239m	0.259
14)	MA Endrin	9.065	8.059	26477578	67303684	64.163	63.716
16)	A 4,4'-DDD	9.204	8.222	712571	1480159	1.576m	1.502
17)	MA 4,4'-DDT	9.523	8.483	53582387	129.1E6	116.577m	129.027
18)	B Endrin al...	9.431	8.559	189719	734787	0.536m	0.920 #
20)	A Methoxychlor	10.009	9.077	72563480	165.8E6	296.283	283.735
21)	B Endrin ke...	10.173	9.305	975412	2045968	1.902	1.835

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

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Acq On : 23 May 2022 09:09
Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

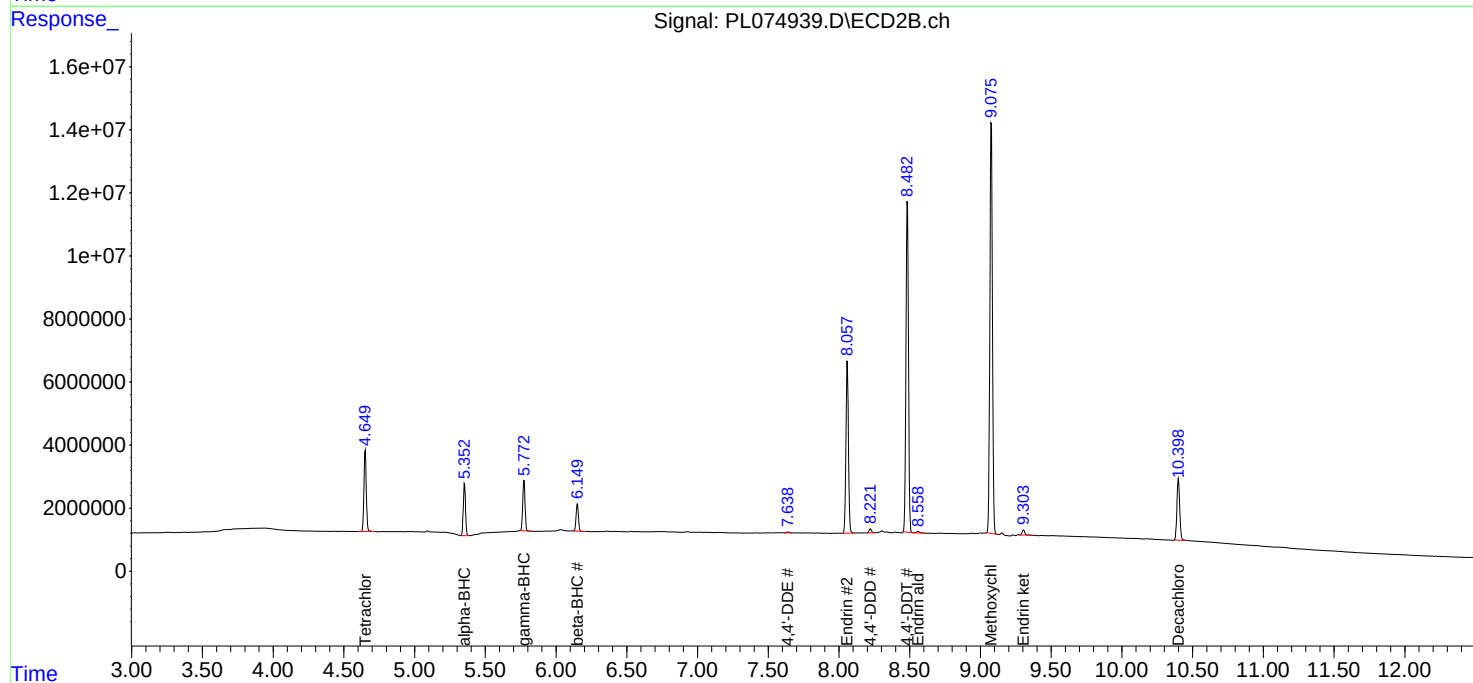
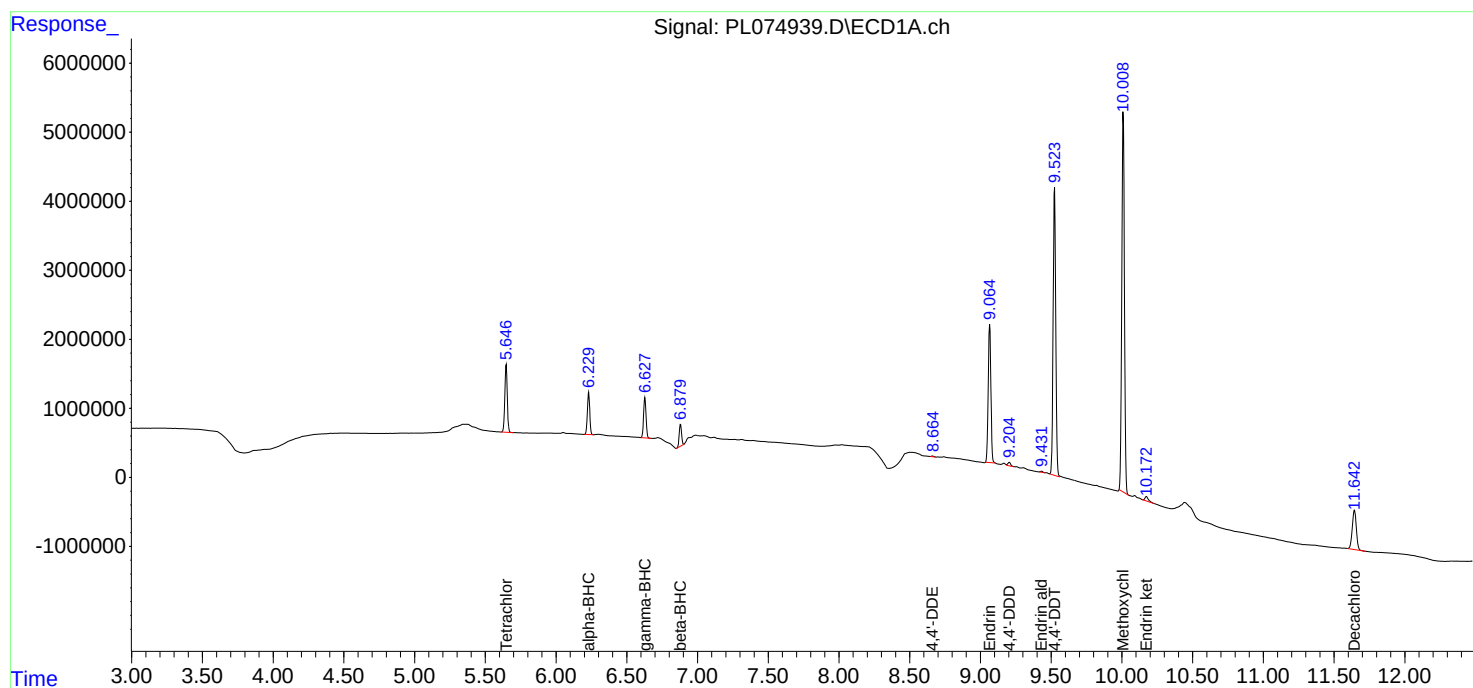
Instrument :
ECD_L
ClientSampleId :
PEM

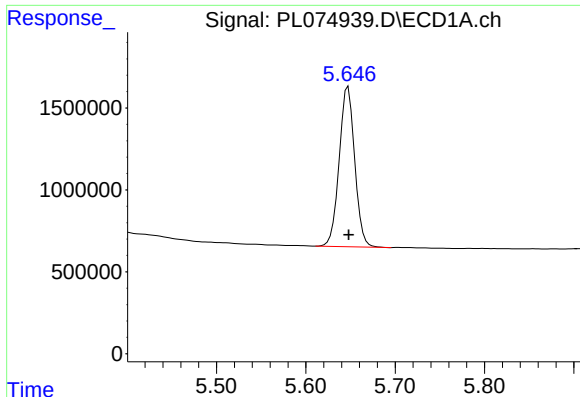
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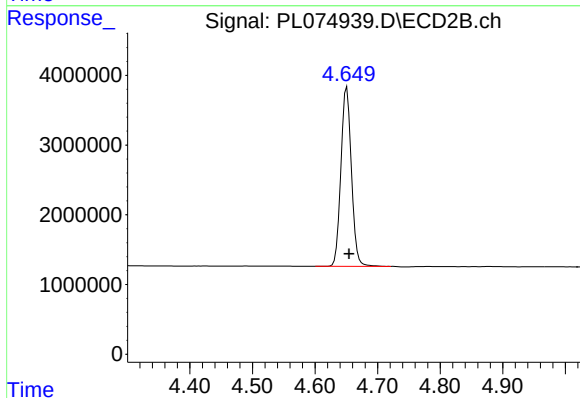
#1 Tetrachloro-m-xylene

R.T.: 5.647 min
Delta R.T.: 0.000 min
Response: 11764398
Conc: 23.17 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

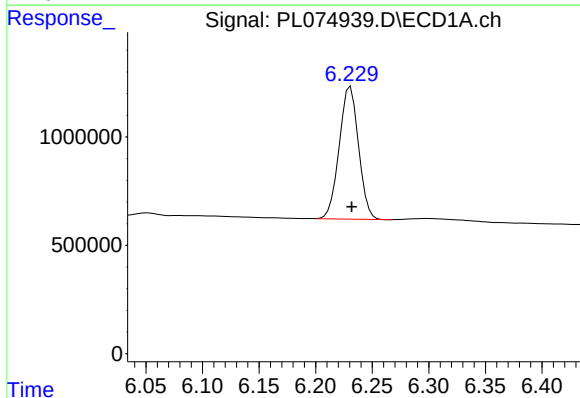
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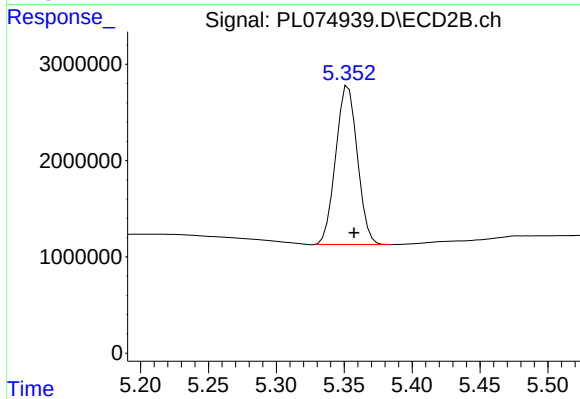
#1 Tetrachloro-m-xylene

R.T.: 4.651 min
Delta R.T.: -0.004 min
Response: 30049609
Conc: 21.89 ng/ml



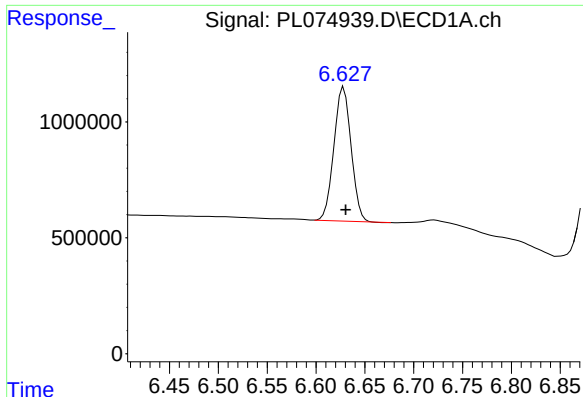
#2 alpha-BHC

R.T.: 6.231 min
Delta R.T.: -0.001 min
Response: 7253401
Conc: 10.60 ng/ml



#2 alpha-BHC

R.T.: 5.353 min
Delta R.T.: -0.004 min
Response: 18293893
Conc: 10.87 ng/ml



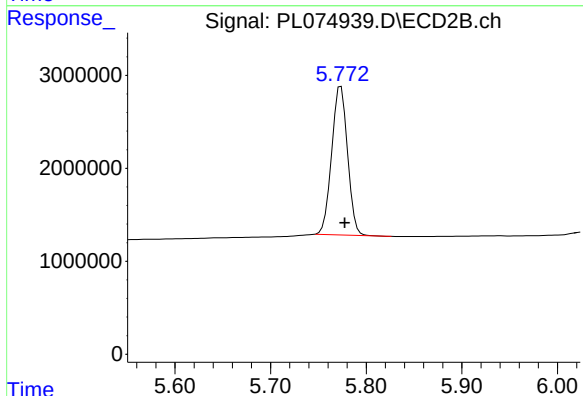
#3 gamma-BHC (Lindane)

R.T.: 6.628 min
Delta R.T.: -0.002 min
Response: 7057307
Conc: 10.93 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

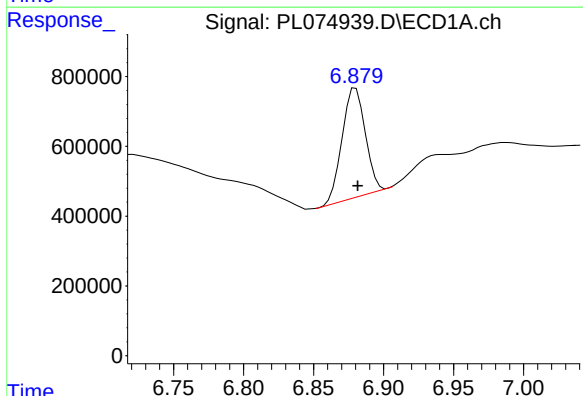
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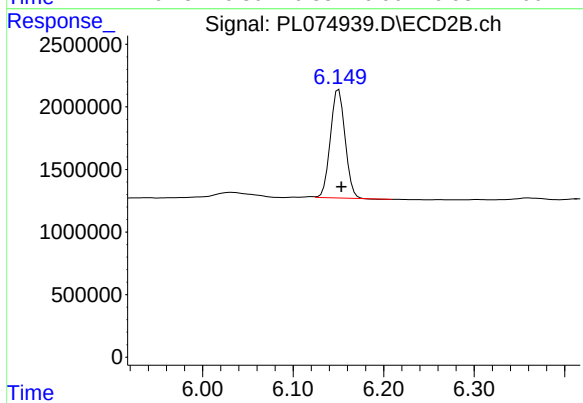
#3 gamma-BHC (Lindane)

R.T.: 5.774 min
Delta R.T.: -0.004 min
Response: 18340183
Conc: 11.10 ng/ml



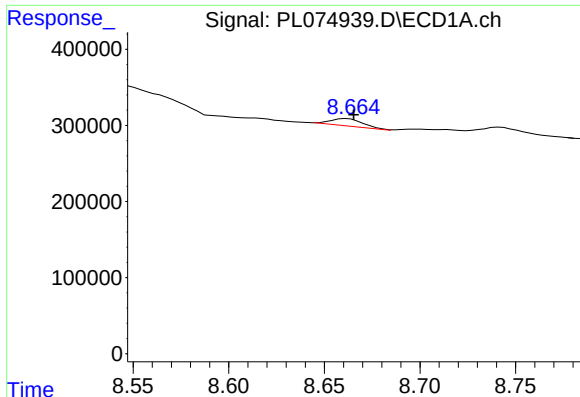
#6 beta-BHC

R.T.: 6.880 min
Delta R.T.: -0.001 min
Response: 3702386
Conc: 12.41 ng/ml



#6 beta-BHC

R.T.: 6.150 min
Delta R.T.: -0.003 min
Response: 9782824
Conc: 12.32 ng/ml



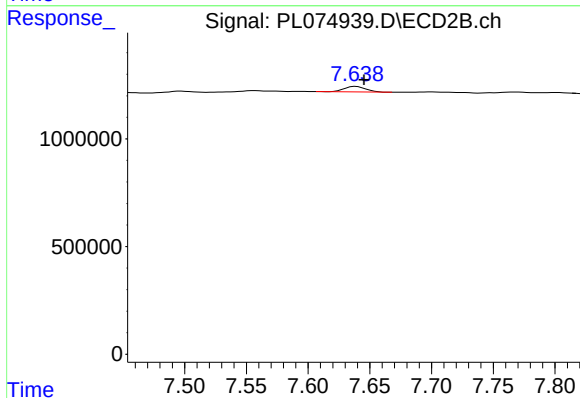
#12 4,4'-DDE

R.T.: 8.664 min
Delta R.T.: -0.002 min
Response: 110531
Conc: 0.24 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

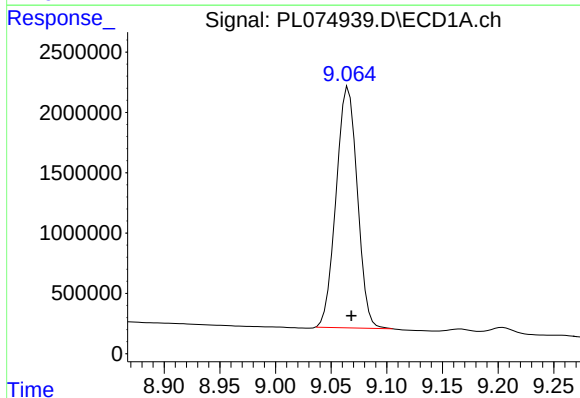
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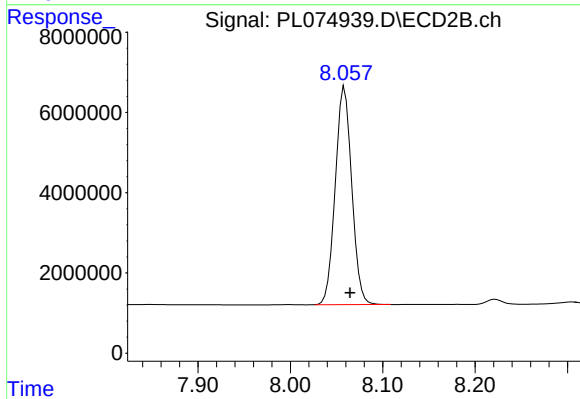
#12 4,4'-DDE

R.T.: 7.639 min
Delta R.T.: -0.006 min
Response: 305014
Conc: 0.26 ng/ml



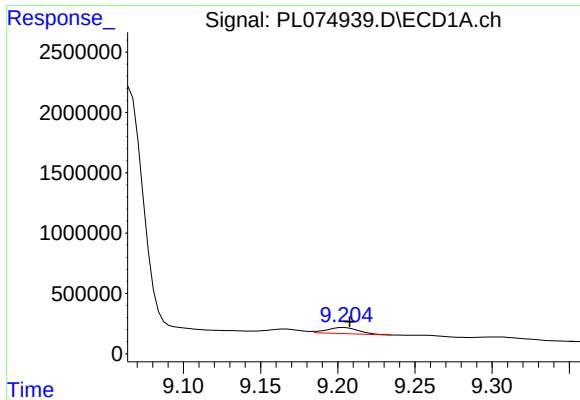
#14 Endrin

R.T.: 9.065 min
Delta R.T.: -0.003 min
Response: 26477578
Conc: 64.16 ng/ml



#14 Endrin

R.T.: 8.059 min
Delta R.T.: -0.006 min
Response: 67303684
Conc: 63.72 ng/ml



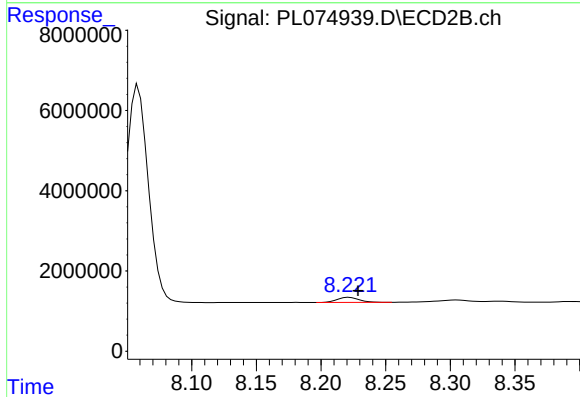
#16 4,4'-DDD

R.T.: 9.204 min
Delta R.T.: -0.004 min
Response: 712571
Conc: 1.58 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

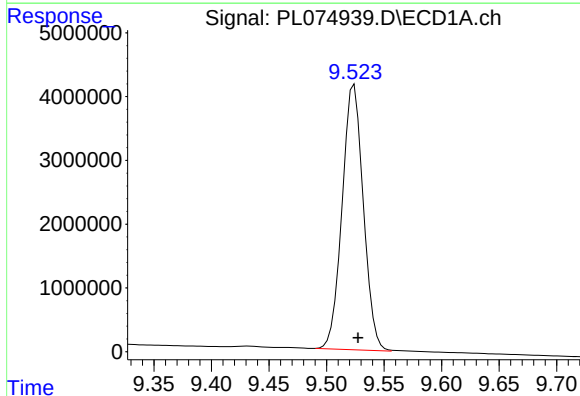
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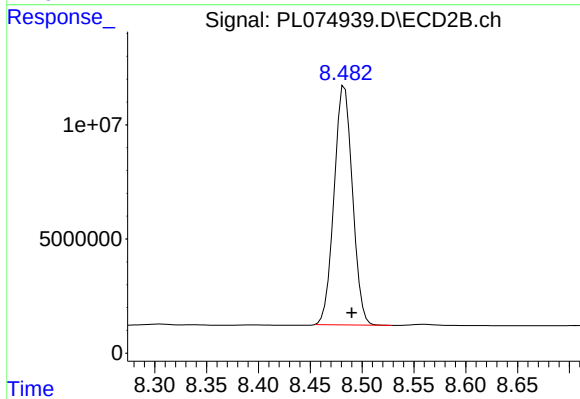
#16 4,4'-DDD

R.T.: 8.222 min
Delta R.T.: -0.007 min
Response: 1480159
Conc: 1.50 ng/ml



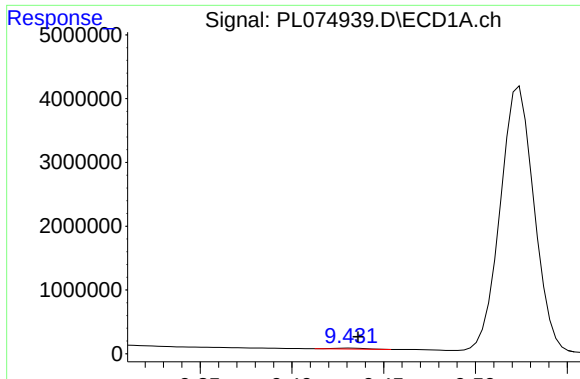
#17 4,4'-DDT

R.T.: 9.523 min
Delta R.T.: -0.005 min
Response: 53582387
Conc: 116.58 ng/ml m



#17 4,4'-DDT

R.T.: 8.483 min
Delta R.T.: -0.007 min
Response: 129093958
Conc: 129.03 ng/ml



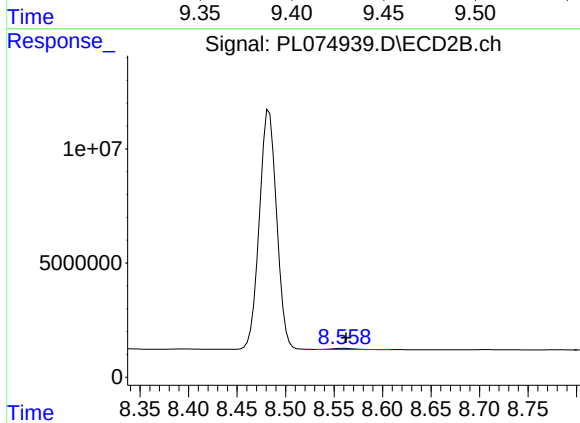
#18 Endrin aldehyde

R.T.: 9.431 min
Delta R.T.: -0.005 min
Response: 189719
Conc: 0.54 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

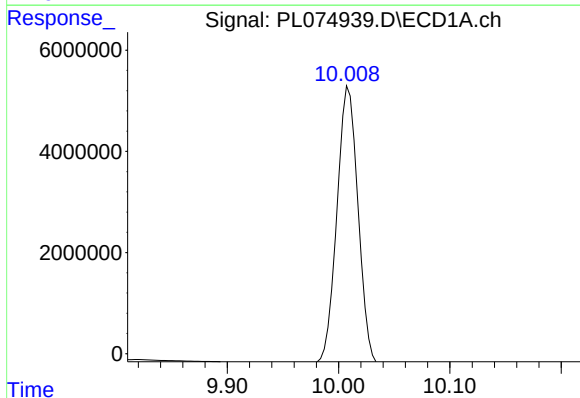
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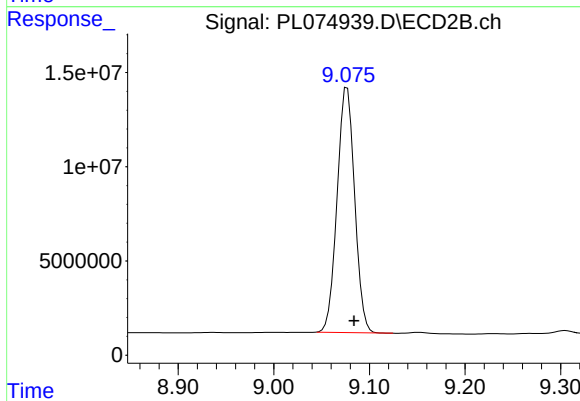
#18 Endrin aldehyde

R.T.: 8.559 min
Delta R.T.: -0.003 min
Response: 734787
Conc: 0.92 ng/ml



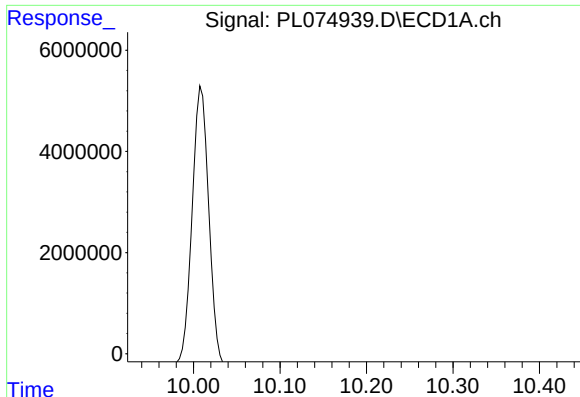
#20 Methoxychlor

R.T.: 10.009 min
Delta R.T.: -0.004 min
Response: 72563480
Conc: 296.28 ng/ml



#20 Methoxychlor

R.T.: 9.077 min
Delta R.T.: -0.007 min
Response: 165812652
Conc: 283.74 ng/ml



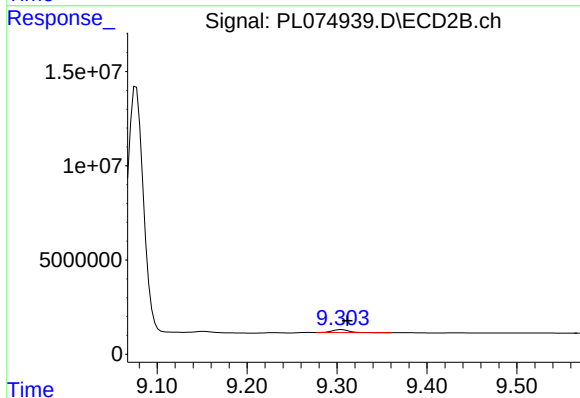
#21 Endrin ketone

R.T.: 10.173 min
Delta R.T.: -0.004 min
Response: 975412
Conc: 1.90 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

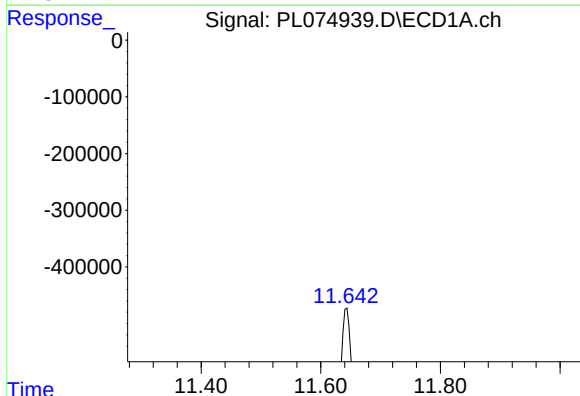
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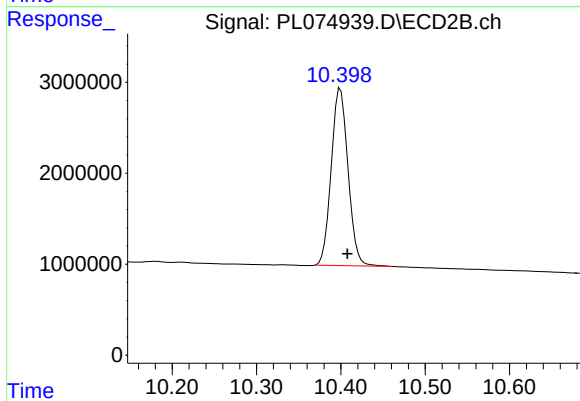
#21 Endrin ketone

R.T.: 9.305 min
Delta R.T.: -0.007 min
Response: 2045968
Conc: 1.84 ng/ml



#28 Decachlorobiphenyl

R.T.: 11.644 min
Delta R.T.: -0.007 min
Response: 11448382
Conc: 25.64 ng/ml



#28 Decachlorobiphenyl

R.T.: 10.399 min
Delta R.T.: -0.008 min
Response: 26989563
Conc: 26.29 ng/ml