

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL051322\
 Data File : PL074684.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 13 May 2022 09:40
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 05/16/2022
 Supervised By : mohammad ahmed 05/16/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 15 22:29:09 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...	5.648	4.653	12445613	30660583	24.512	22.339
28)	SA Decachlor...	11.647	10.404	12003012	27052232	26.877	26.356
Target Compounds							
2)	A alpha-BHC	6.231	5.355	7665382	18199621	11.204	10.814
3)	MA gamma-BHC...	6.630	5.776	7537799	18408260	11.678	11.140
6)	B beta-BHC	6.881	6.152	3758416	10770759	12.593	13.566
12)	B 4,4'-DDE	8.661	7.640	111484	335445	0.241m	0.285m
14)	MA Endrin	9.066	8.062	27681799	65900246	67.081	62.388
16)	A 4,4'-DDD	9.203	8.225	820854	1857688	1.816m	1.886
17)	MA 4,4'-DDT	9.524	8.487	53699797	120.9E6	116.832m	120.819
18)	B Endrin al...	9.433	8.562	298591	1011603	0.844m	1.267 #
20)	A Methoxychlor	10.011	9.081	73284618	158.1E6	299.228	270.623
21)	B Endrin ke...	10.176	9.308	1119081	2669651	2.182	2.395

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

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Acq On : 13 May 2022 09:40
Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

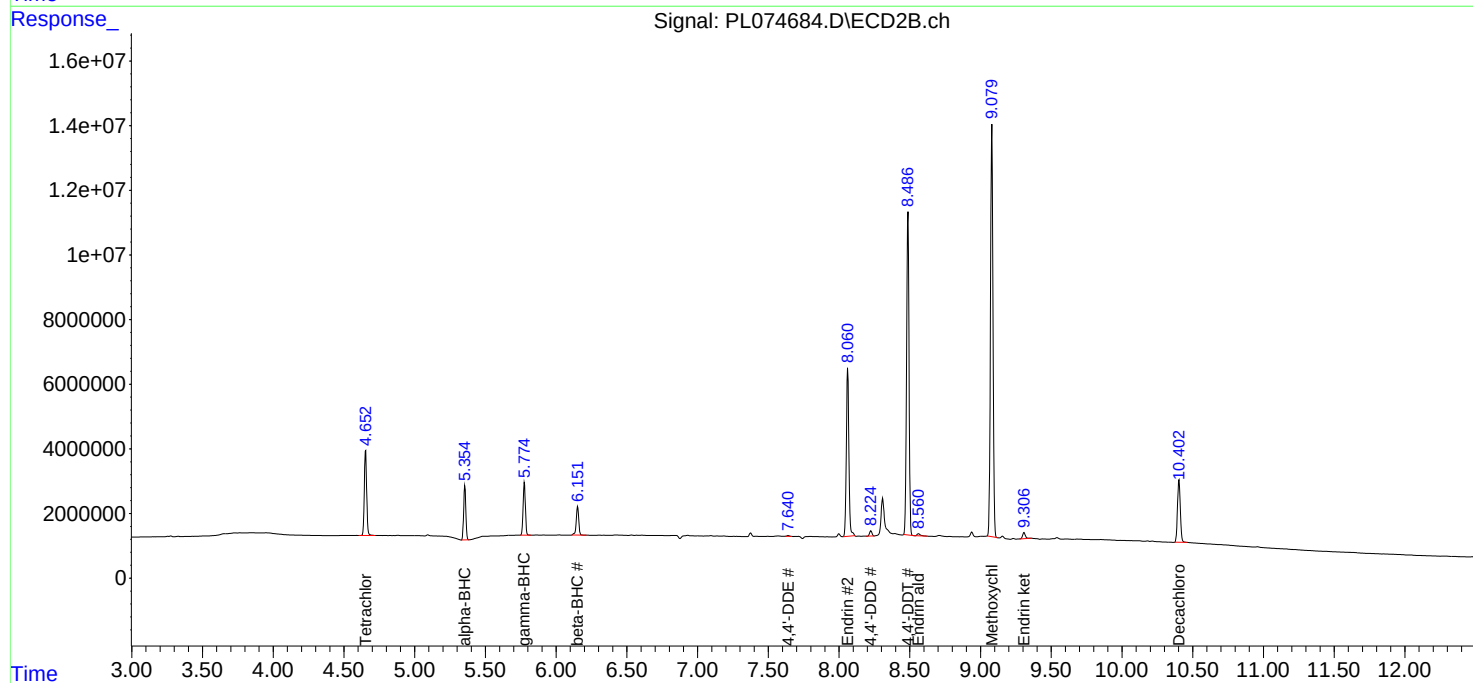
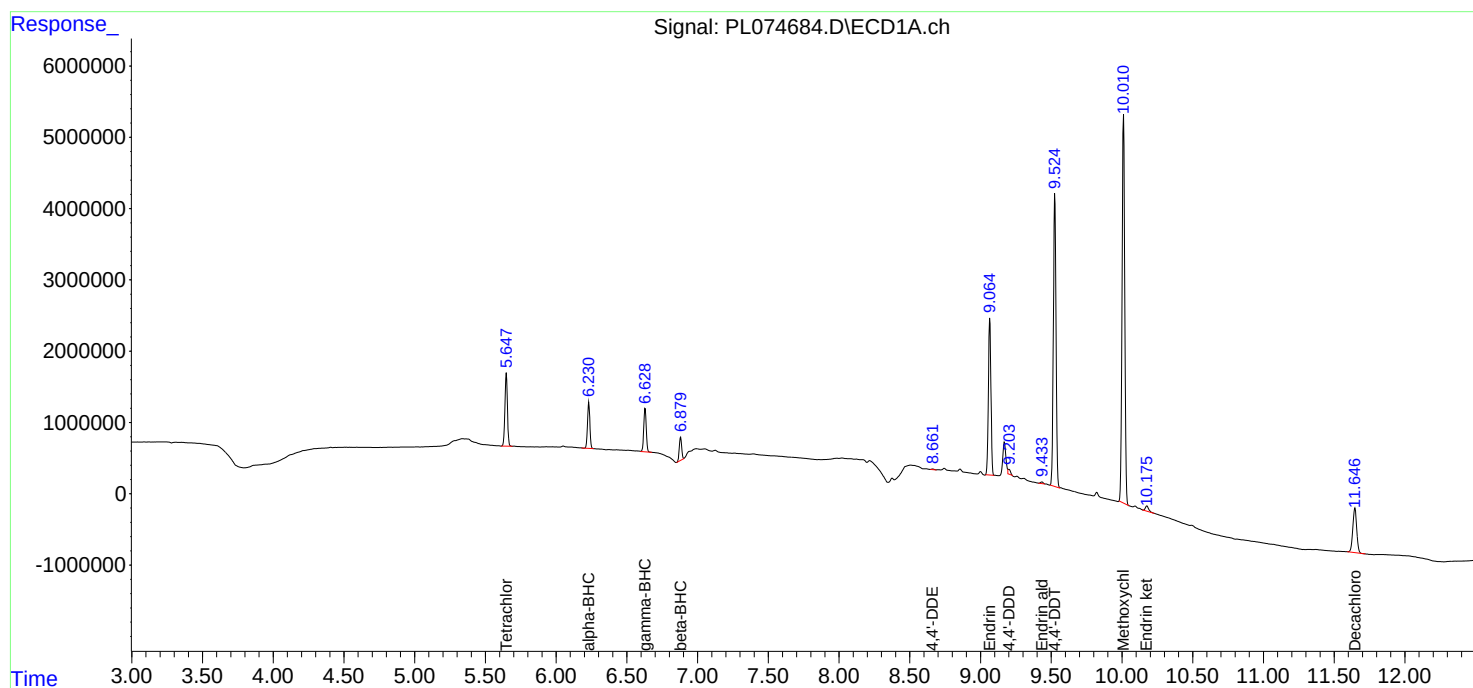
Instrument :
ECD_L
ClientSampleId :
PEM

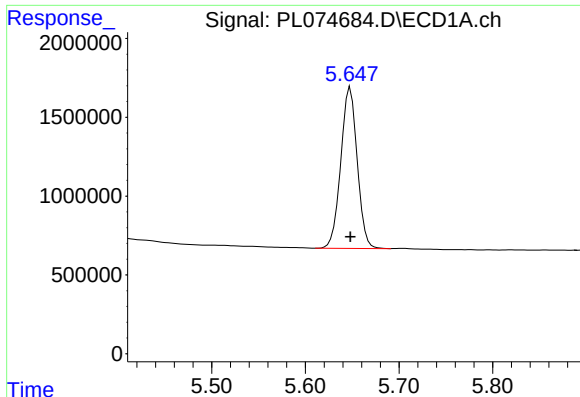
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Integration File signal 1: autoint1.e
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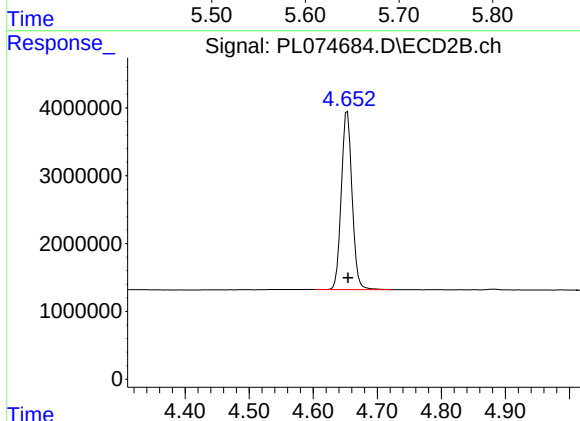
#1 Tetrachloro-m-xylene

R.T.: 5.648 min
Delta R.T.: 0.000 min
Response: 12445613
Conc: 24.51 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

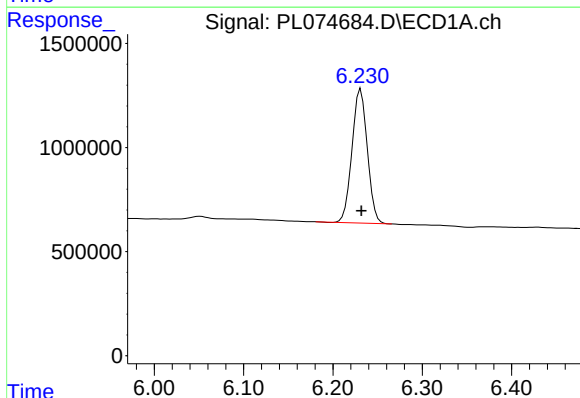
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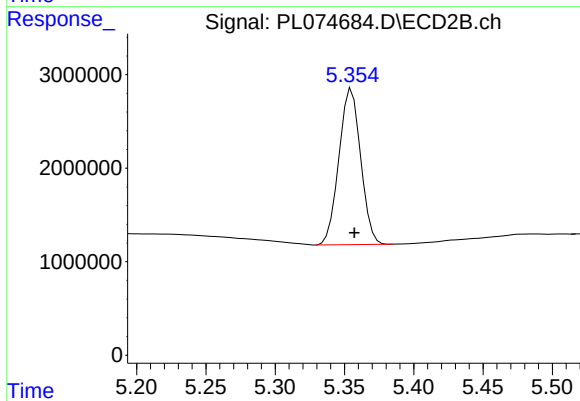
#1 Tetrachloro-m-xylene

R.T.: 4.653 min
Delta R.T.: 0.000 min
Response: 30660583
Conc: 22.34 ng/ml



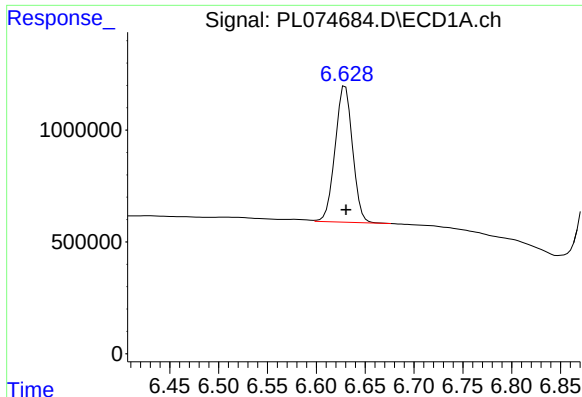
#2 alpha-BHC

R.T.: 6.231 min
Delta R.T.: 0.000 min
Response: 7665382
Conc: 11.20 ng/ml



#2 alpha-BHC

R.T.: 5.355 min
Delta R.T.: -0.002 min
Response: 18199621
Conc: 10.81 ng/ml



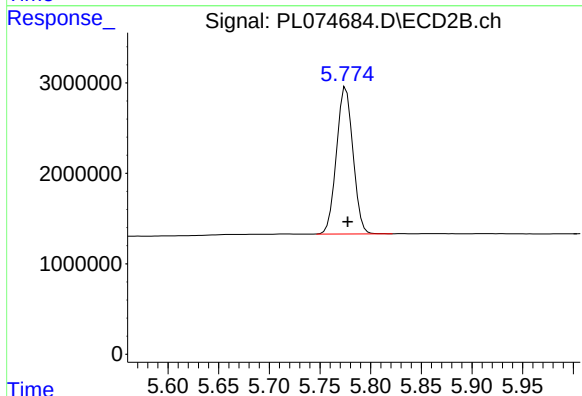
#3 gamma-BHC (Lindane)

R.T.: 6.630 min
Delta R.T.: 0.000 min
Response: 7537799
Conc: 11.68 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

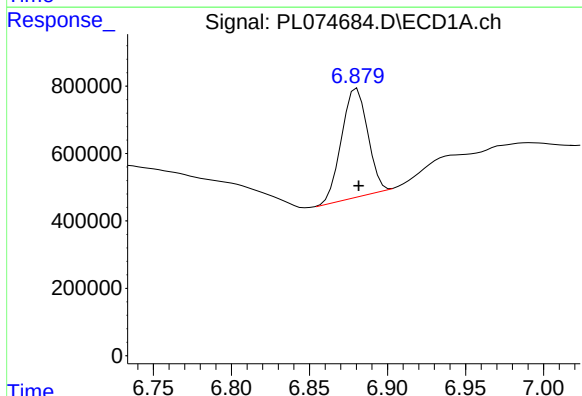
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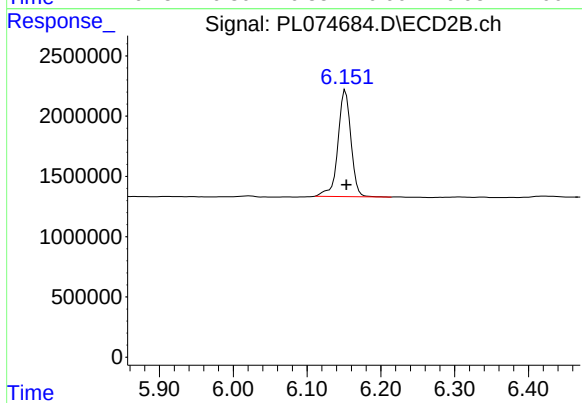
#3 gamma-BHC (Lindane)

R.T.: 5.776 min
Delta R.T.: -0.002 min
Response: 18408260
Conc: 11.14 ng/ml



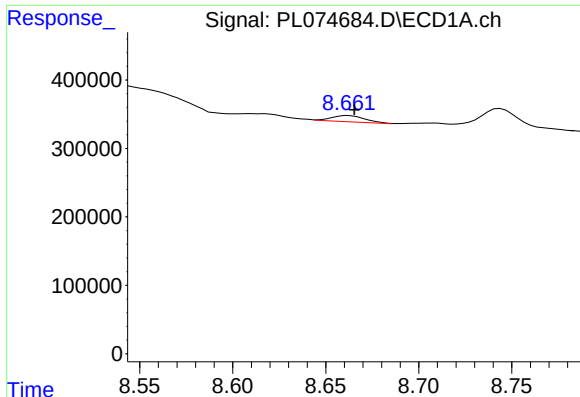
#6 beta-BHC

R.T.: 6.881 min
Delta R.T.: 0.000 min
Response: 3758416
Conc: 12.59 ng/ml



#6 beta-BHC

R.T.: 6.152 min
Delta R.T.: -0.001 min
Response: 10770759
Conc: 13.57 ng/ml



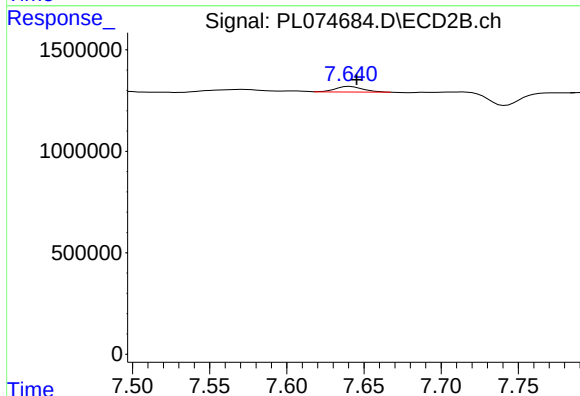
#12 4,4'-DDE

R.T.: 8.661 min
Delta R.T.: -0.005 min
Response: 111484
Conc: 0.24 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

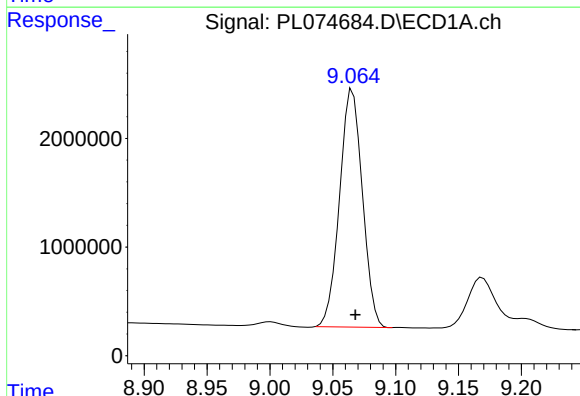
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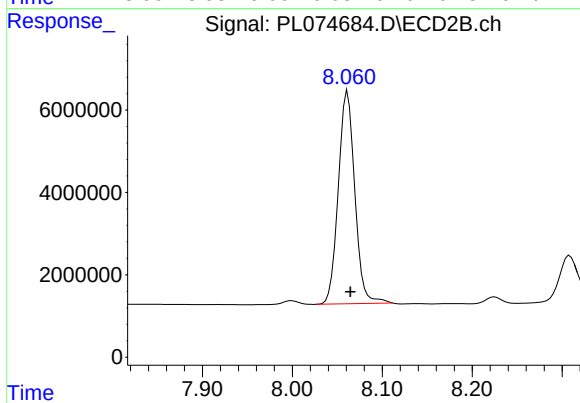
#12 4,4'-DDE

R.T.: 7.640 min
Delta R.T.: -0.006 min
Response: 335445
Conc: 0.29 ng/ml m



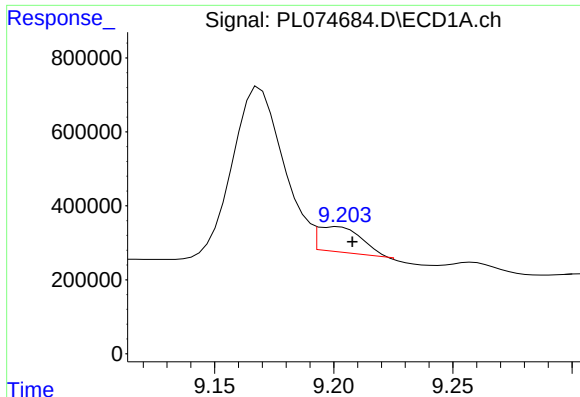
#14 Endrin

R.T.: 9.066 min
Delta R.T.: -0.002 min
Response: 27681799
Conc: 67.08 ng/ml



#14 Endrin

R.T.: 8.062 min
Delta R.T.: -0.003 min
Response: 65900246
Conc: 62.39 ng/ml



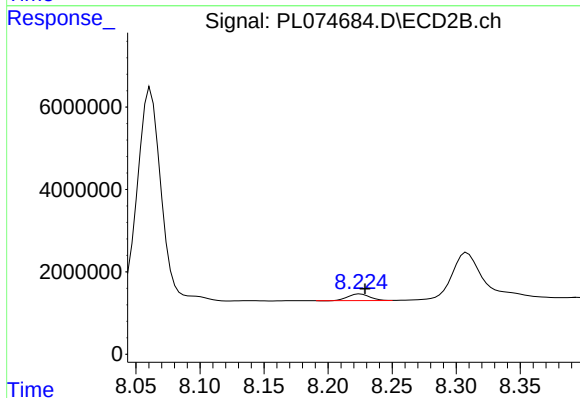
#16 4,4'-DDD

R.T.: 9.203 min
Delta R.T.: -0.004 min
Response: 820854
Conc: 1.82 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

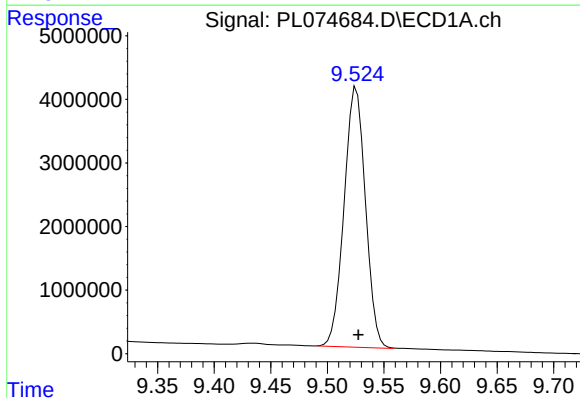
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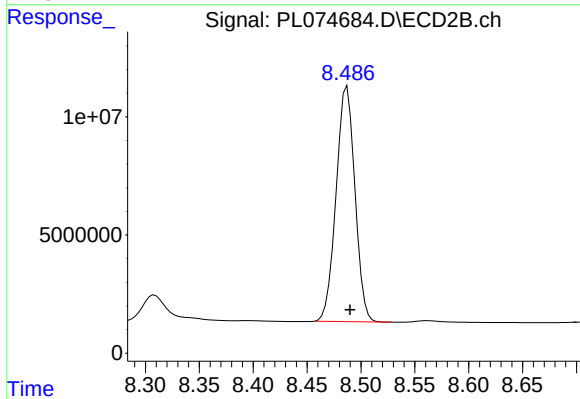
#16 4,4'-DDD

R.T.: 8.225 min
Delta R.T.: -0.004 min
Response: 1857688
Conc: 1.89 ng/ml



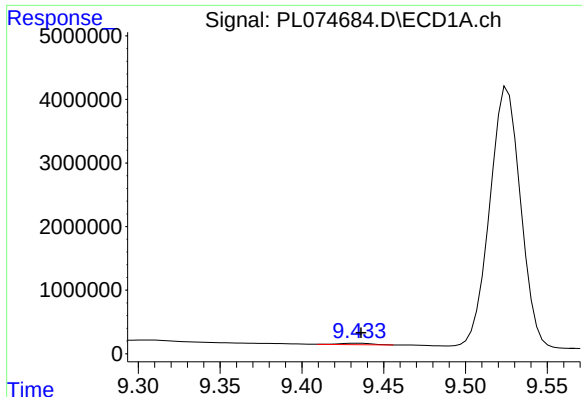
#17 4,4'-DDT

R.T.: 9.524 min
Delta R.T.: -0.003 min
Response: 53699797
Conc: 116.83 ng/ml m



#17 4,4'-DDT

R.T.: 8.487 min
Delta R.T.: -0.003 min
Response: 120881318
Conc: 120.82 ng/ml



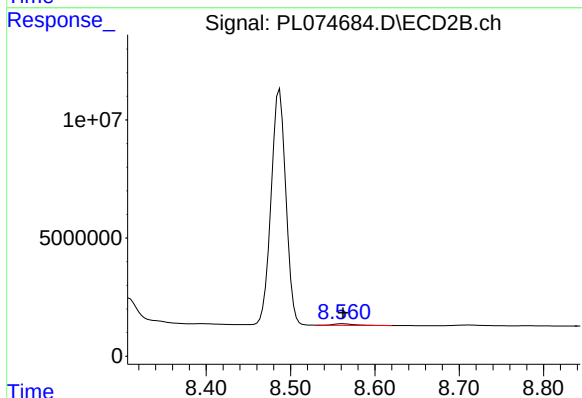
#18 Endrin aldehyde

R.T.: 9.433 min
Delta R.T.: -0.003 min
Response: 298591
Conc: 0.84 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

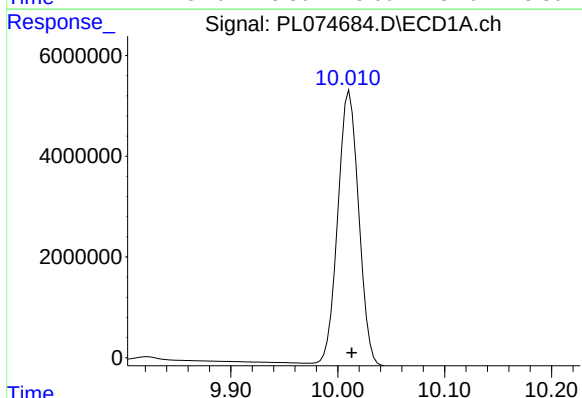
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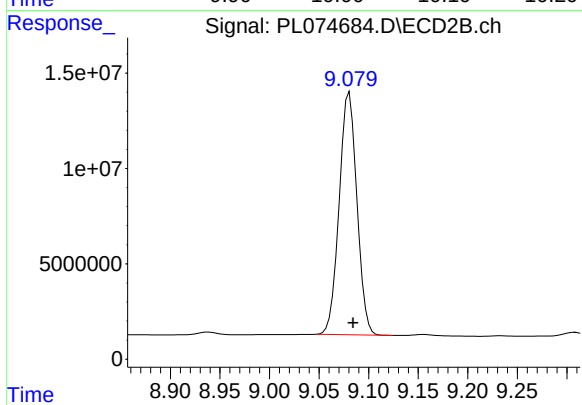
#18 Endrin aldehyde

R.T.: 8.562 min
Delta R.T.: 0.000 min
Response: 1011603
Conc: 1.27 ng/ml



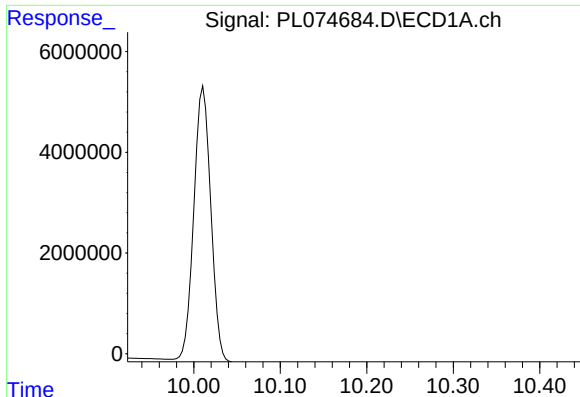
#20 Methoxychlor

R.T.: 10.011 min
Delta R.T.: -0.002 min
Response: 73284618
Conc: 299.23 ng/ml



#20 Methoxychlor

R.T.: 9.081 min
Delta R.T.: -0.004 min
Response: 158149984
Conc: 270.62 ng/ml



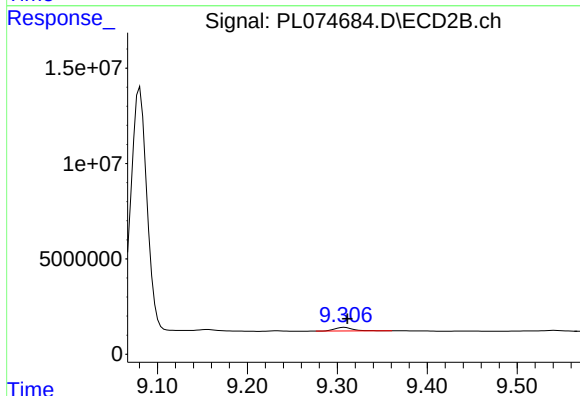
#21 Endrin ketone

R.T.: 10.176 min
Delta R.T.: 0.000 min
Response: 1119081
Conc: 2.18 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

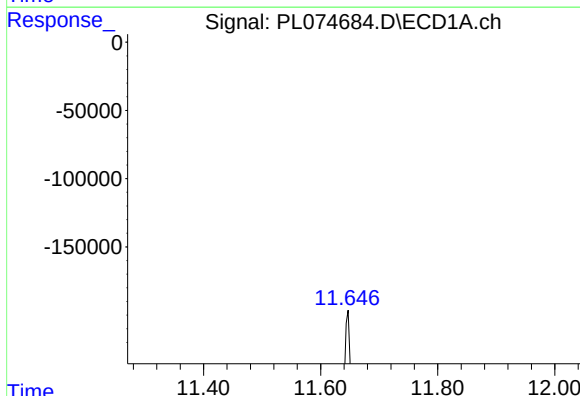
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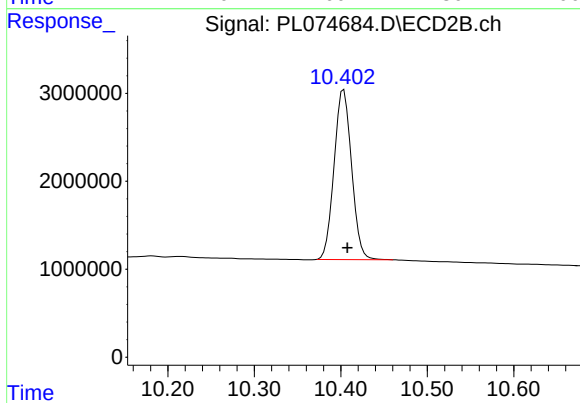
#21 Endrin ketone

R.T.: 9.308 min
Delta R.T.: -0.004 min
Response: 2669651
Conc: 2.39 ng/ml



#28 Decachlorobiphenyl

R.T.: 11.647 min
Delta R.T.: -0.004 min
Response: 12003012
Conc: 26.88 ng/ml



#28 Decachlorobiphenyl

R.T.: 10.404 min
Delta R.T.: -0.004 min
Response: 27052232
Conc: 26.36 ng/ml