

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL051122\
 Data File : PL074601.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 11 May 2022 10:09
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

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

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 14 05:34:38 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...	5.649	4.655	10043609	26915183	19.781	19.610
28)	SA Decachlor...	11.651	10.410	9293403	21109316	20.810	20.566
Target Compounds							
2)	A alpha-BHC	6.232	5.357	6032668	15467810	8.818	9.191
3)	MA gamma-BHC...	6.631	5.778	5966483	15639435	9.243	9.465
6)	B beta-BHC	6.882	6.155	3185318	9164191	10.673	11.542
12)	B 4,4'-DDE	8.666	7.644	105413	323966	0.228m	0.275m
14)	MA Endrin	9.068	8.066	21236013	51861858	51.461	49.097
16)	A 4,4'-DDD	9.195	8.229	722235	1091672	1.597m	1.108m#
17)	MA 4,4'-DDT	9.527	8.491	43611908	97383056	94.885m	97.333
18)	B Endrin al...	9.436	8.564	200063	699418	0.565m	0.876m#
20)	A Methoxychlor	10.014	9.086	61178259	131.4E6	249.796	224.892
21)	B Endrin ke...	10.177	9.312	664405	1495124	1.296	1.341

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

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Acq On : 11 May 2022 10:09
Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

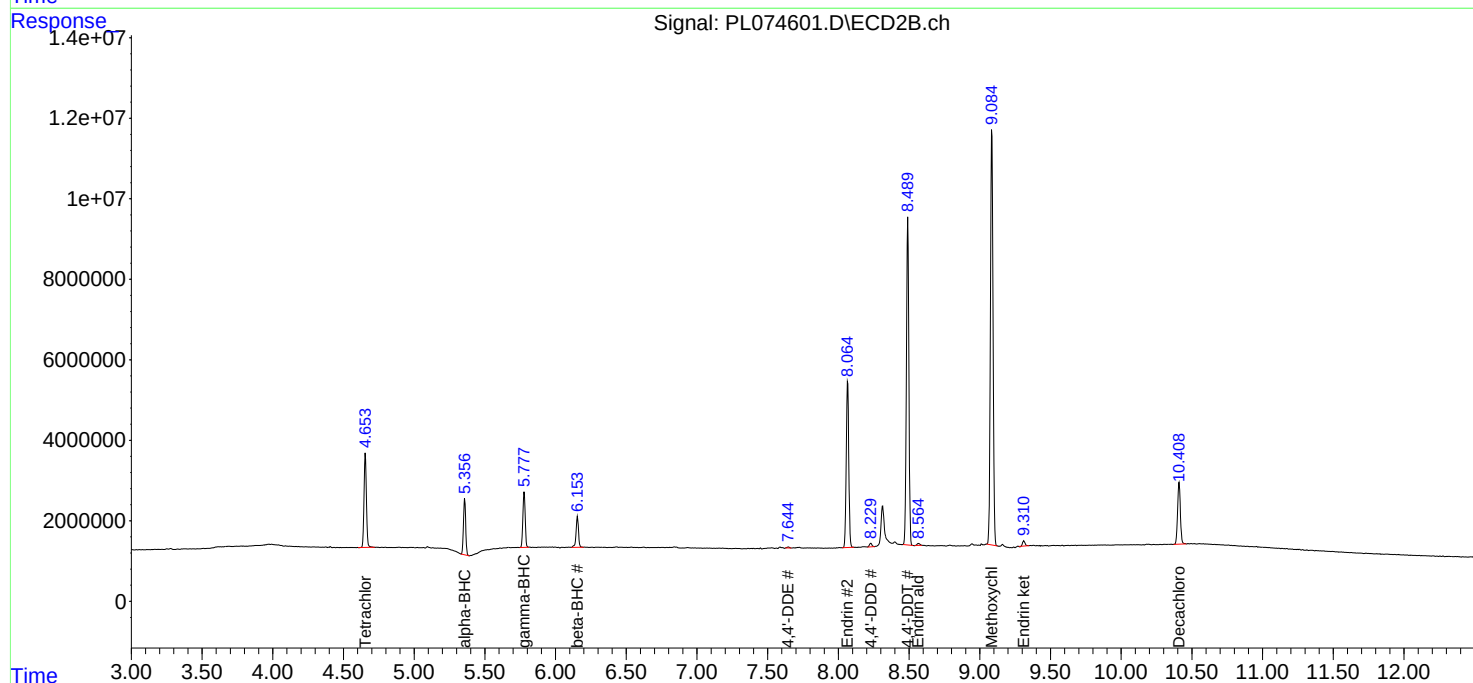
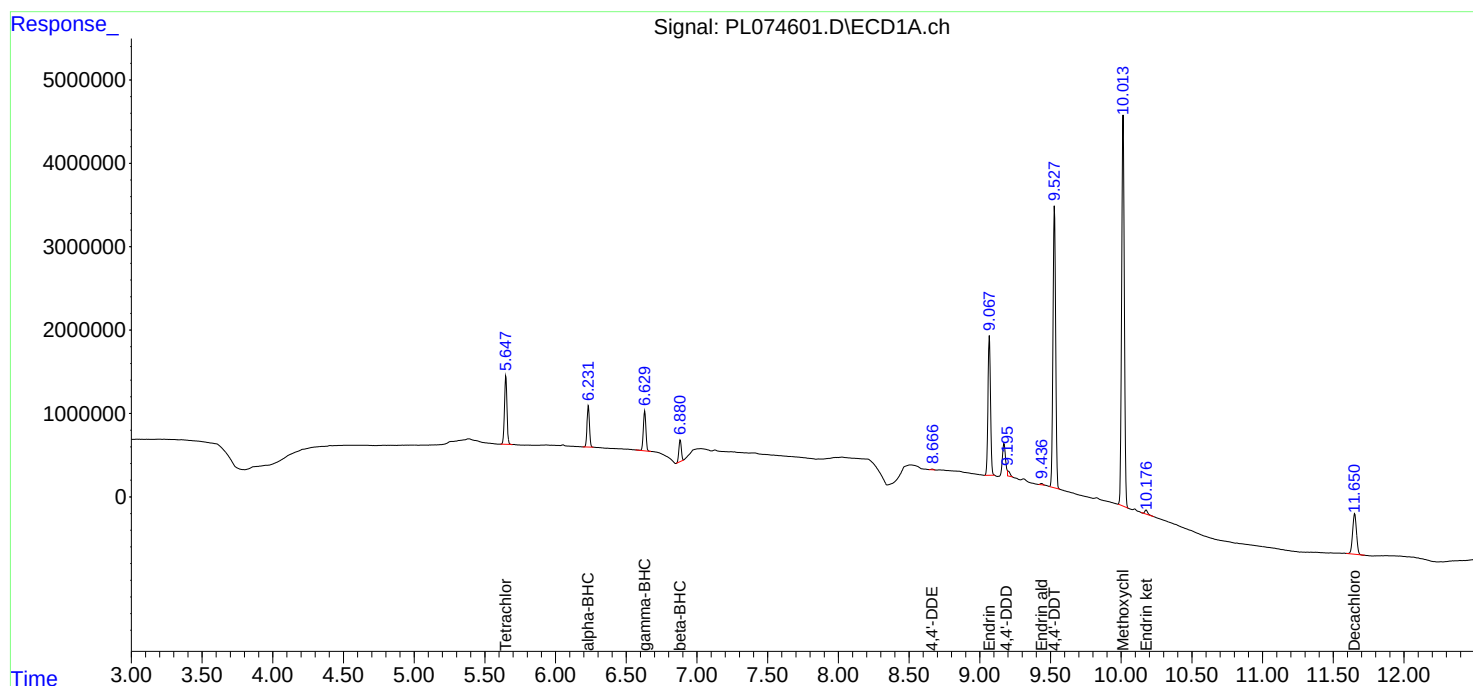
Instrument :
ECD_L
ClientSampleId :
PEM

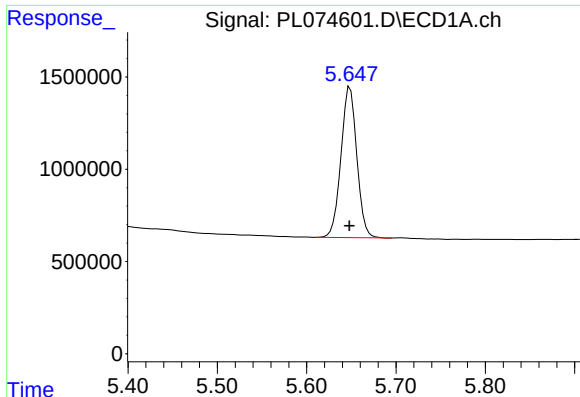
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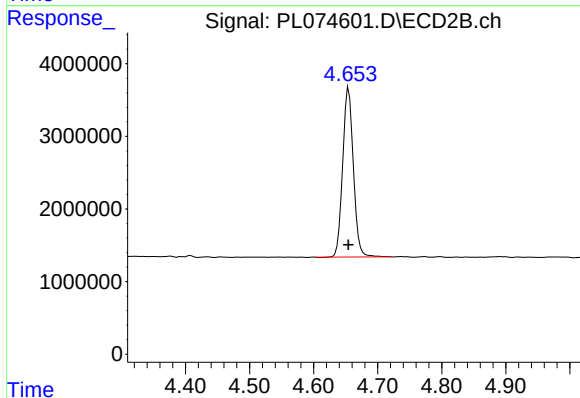
#1 Tetrachloro-m-xylene

R.T.: 5.649 min
Delta R.T.: 0.000 min
Response: 10043609
Conc: 19.78 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

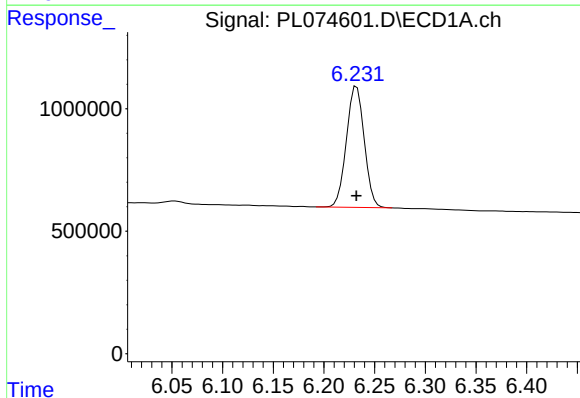
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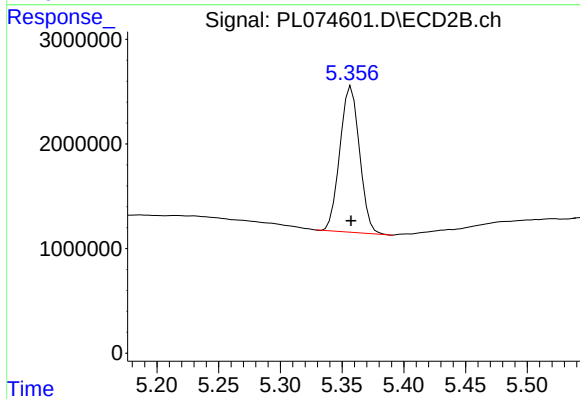
#1 Tetrachloro-m-xylene

R.T.: 4.655 min
Delta R.T.: 0.000 min
Response: 26915183
Conc: 19.61 ng/ml



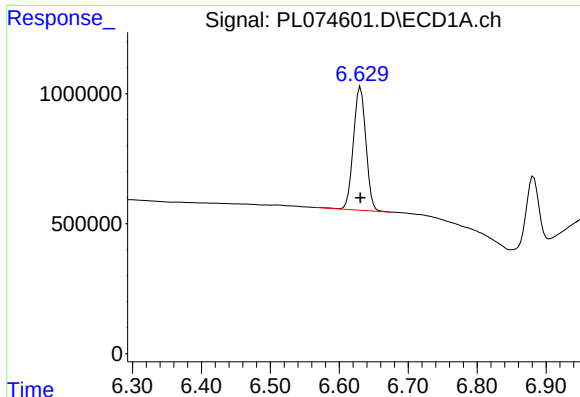
#2 alpha-BHC

R.T.: 6.232 min
Delta R.T.: 0.000 min
Response: 6032668
Conc: 8.82 ng/ml



#2 alpha-BHC

R.T.: 5.357 min
Delta R.T.: 0.000 min
Response: 15467810
Conc: 9.19 ng/ml



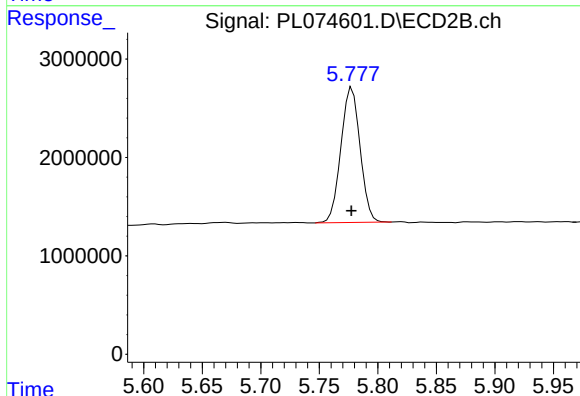
#3 gamma-BHC (Lindane)

R.T.: 6.631 min
Delta R.T.: 0.000 min
Response: 5966483
Conc: 9.24 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

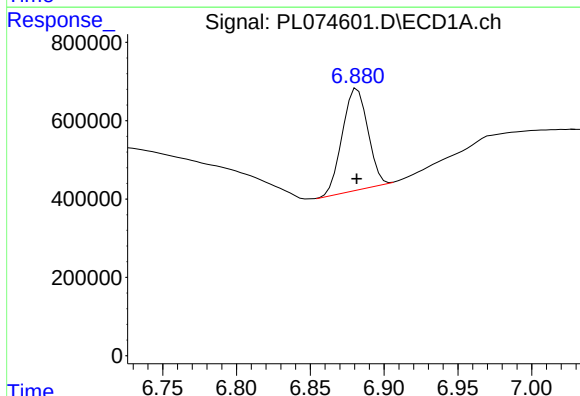
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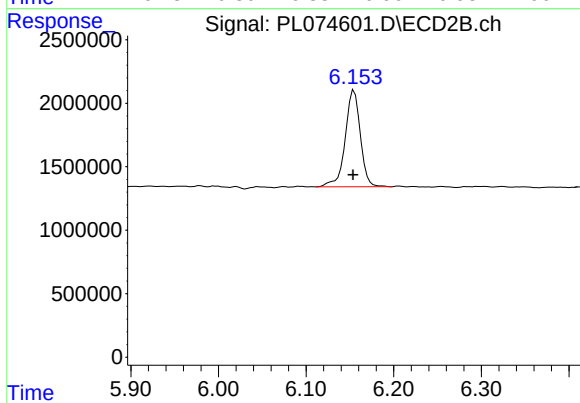
#3 gamma-BHC (Lindane)

R.T.: 5.778 min
Delta R.T.: 0.000 min
Response: 15639435
Conc: 9.46 ng/ml



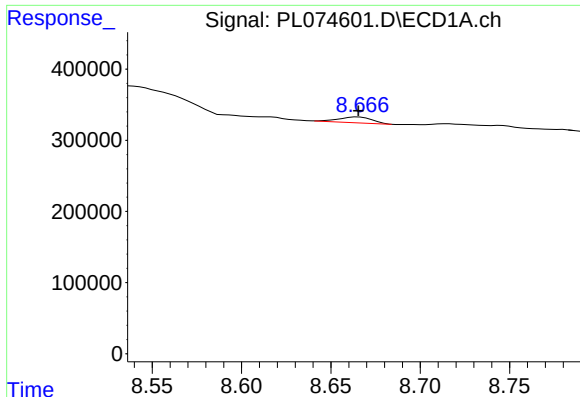
#6 beta-BHC

R.T.: 6.882 min
Delta R.T.: 0.000 min
Response: 3185318
Conc: 10.67 ng/ml



#6 beta-BHC

R.T.: 6.155 min
Delta R.T.: 0.001 min
Response: 9164191
Conc: 11.54 ng/ml



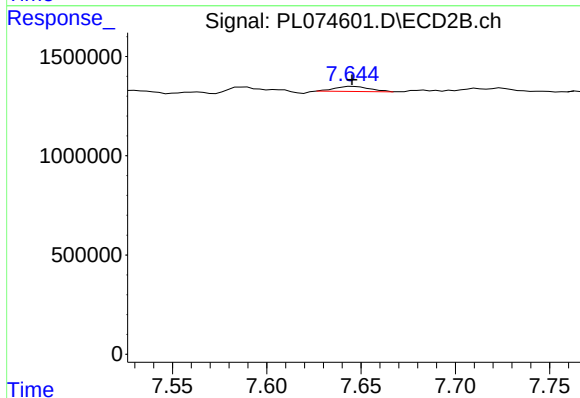
#12 4,4'-DDE

R.T.: 8.666 min
Delta R.T.: 0.000 min
Response: 105413
Conc: 0.23 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

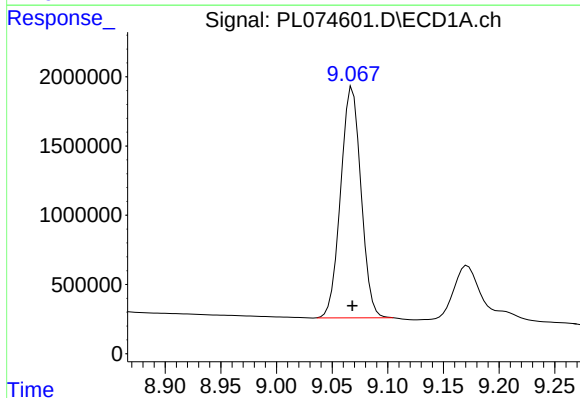
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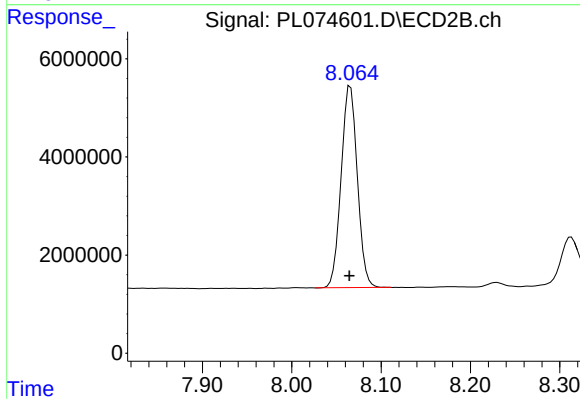
#12 4,4'-DDE

R.T.: 7.644 min
Delta R.T.: -0.001 min
Response: 323966
Conc: 0.28 ng/ml m



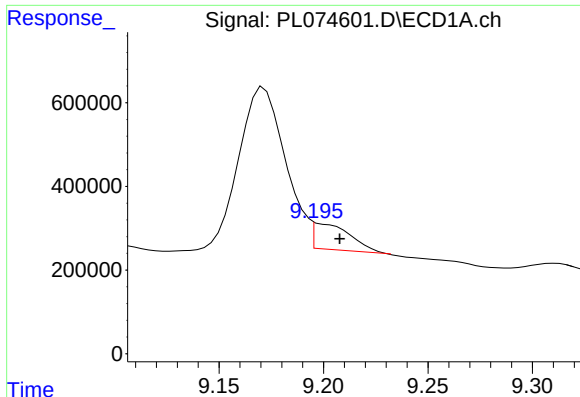
#14 Endrin

R.T.: 9.068 min
Delta R.T.: 0.000 min
Response: 21236013
Conc: 51.46 ng/ml



#14 Endrin

R.T.: 8.066 min
Delta R.T.: 0.000 min
Response: 51861858
Conc: 49.10 ng/ml



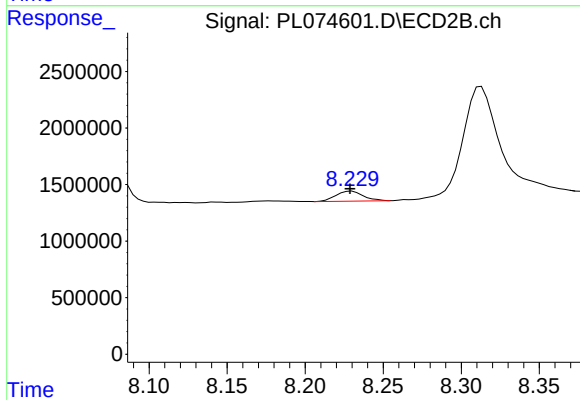
#16 4,4'-DDD

R.T.: 9.195 min
Delta R.T.: -0.012 min
Response: 722235
Conc: 1.60 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

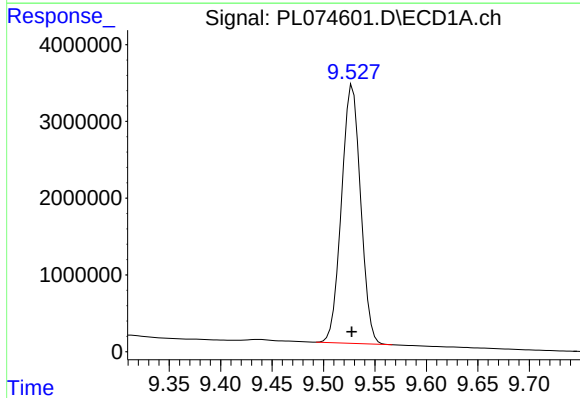
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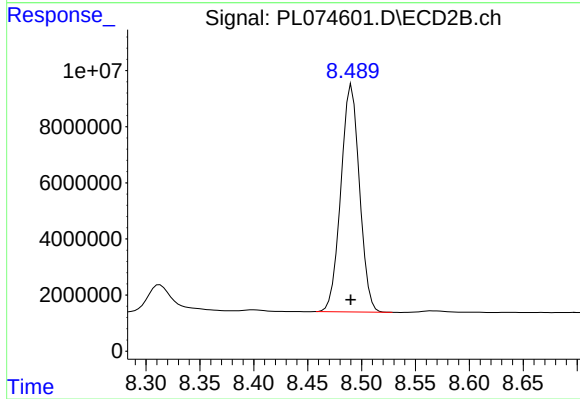
#16 4,4'-DDD

R.T.: 8.229 min
Delta R.T.: 0.000 min
Response: 1091672
Conc: 1.11 ng/ml m



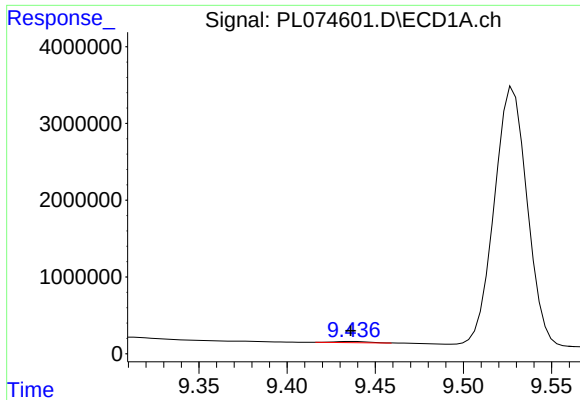
#17 4,4'-DDT

R.T.: 9.527 min
Delta R.T.: 0.000 min
Response: 43611908
Conc: 94.88 ng/ml m



#17 4,4'-DDT

R.T.: 8.491 min
Delta R.T.: 0.000 min
Response: 97383056
Conc: 97.33 ng/ml



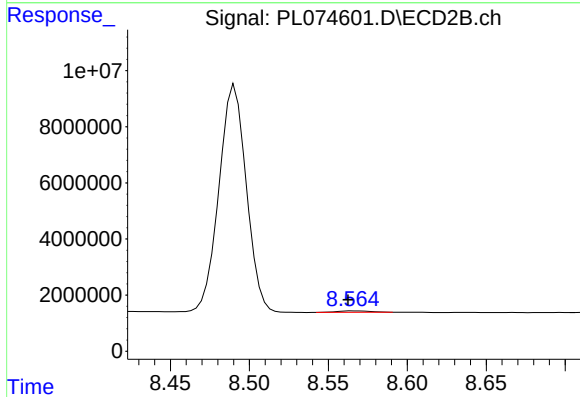
#18 Endrin aldehyde

R.T.: 9.436 min
Delta R.T.: 0.000 min
Response: 200063
Conc: 0.57 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

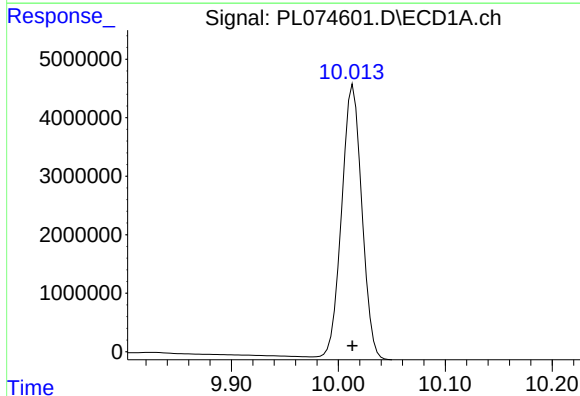
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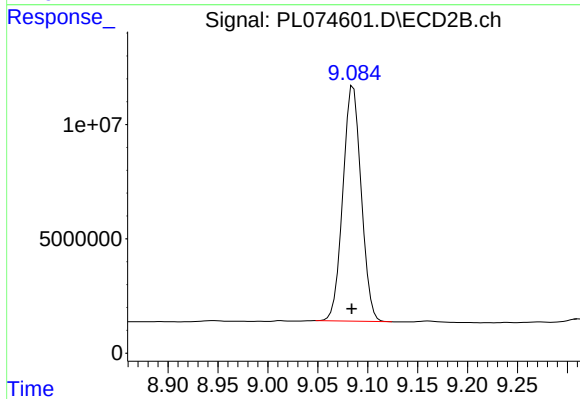
#18 Endrin aldehyde

R.T.: 8.564 min
Delta R.T.: 0.001 min
Response: 699418
Conc: 0.88 ng/ml m



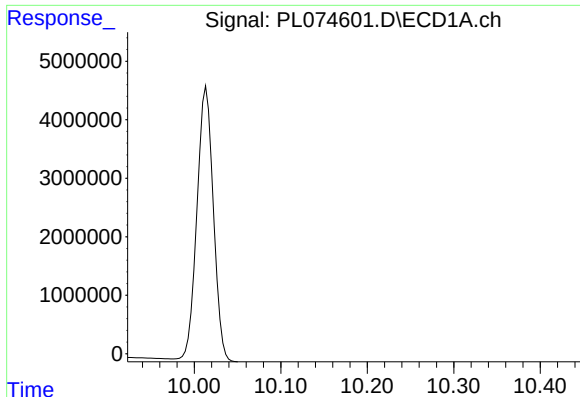
#20 Methoxychlor

R.T.: 10.014 min
Delta R.T.: 0.000 min
Response: 61178259
Conc: 249.80 ng/ml



#20 Methoxychlor

R.T.: 9.086 min
Delta R.T.: 0.001 min
Response: 131425464
Conc: 224.89 ng/ml



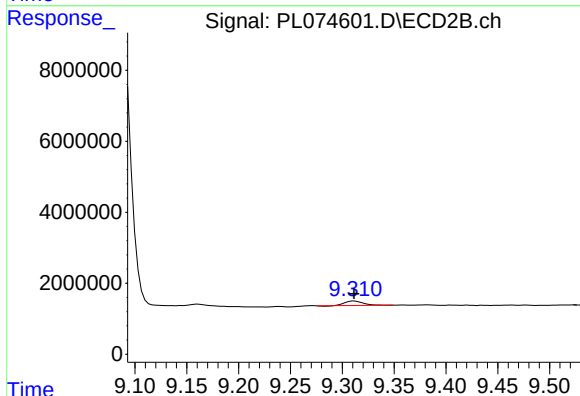
#21 Endrin ketone

R.T.: 10.177 min
Delta R.T.: 0.000 min
Response: 664405
Conc: 1.30 ng/ml

Instrument :
ECD_L
ClientSampleId :
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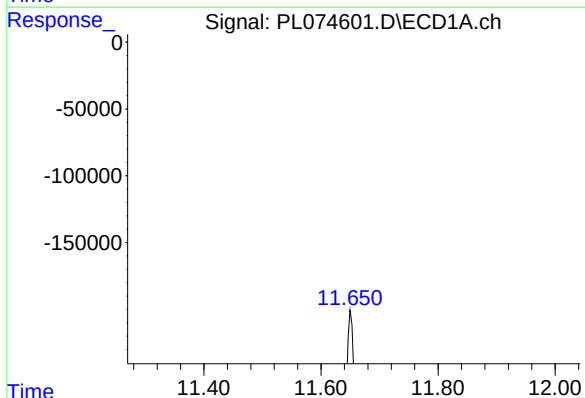
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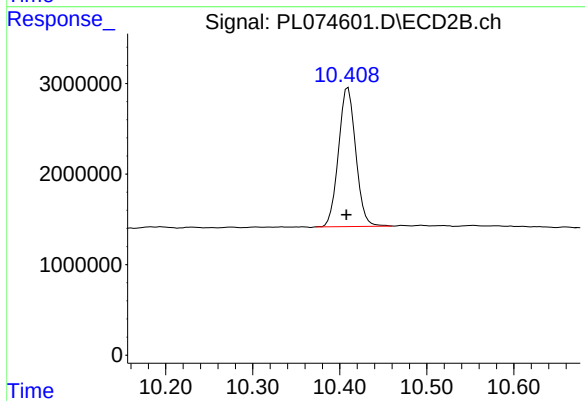
#21 Endrin ketone

R.T.: 9.312 min
Delta R.T.: 0.000 min
Response: 1495124
Conc: 1.34 ng/ml



#28 Decachlorobiphenyl

R.T.: 11.651 min
Delta R.T.: 0.000 min
Response: 9293403
Conc: 20.81 ng/ml



#28 Decachlorobiphenyl

R.T.: 10.410 min
Delta R.T.: 0.002 min
Response: 21109316
Conc: 20.57 ng/ml