

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL052122\
 Data File : PL074906.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 21 May 2022 11:23
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 05/23/2022
 Supervised By : Ankita Jodhani 05/23/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 22 13:49:48 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...	5.645	4.650	10498900	27780251	20.678	20.240
28)	SA Decachlor...	11.640	10.399	10202699	26246999	22.846	25.572
Target Compounds							
2)	A alpha-BHC	6.229	5.352	6468944	17028586	9.455	10.119
3)	MA gamma-BHC...	6.627	5.773	6396183	17438549	9.909	10.553
6)	B beta-BHC	6.878	6.150	3172733	10255232	10.631	12.916
12)	B 4,4'-DDE	8.672	7.636	48362	322000	0.104m	0.274m#
14)	MA Endrin	9.064	8.058	23728199	57170619	57.500	54.123
16)	A 4,4'-DDD	9.205	8.222	110490	447264	0.244m	0.454m#
17)	MA 4,4'-DDT	9.521	8.483	49358883	125.2E6	107.388m	125.182
18)	B Endrin al...	9.432	8.557	165537	452871	0.468m	0.567m
20)	A Methoxychlor	10.006	9.076	69053229	166.6E6	281.950m	285.068
21)	B Endrin ke...	10.172	9.304	725758	1379840	1.415m	1.238

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

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Acq On : 21 May 2022 11:23
Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

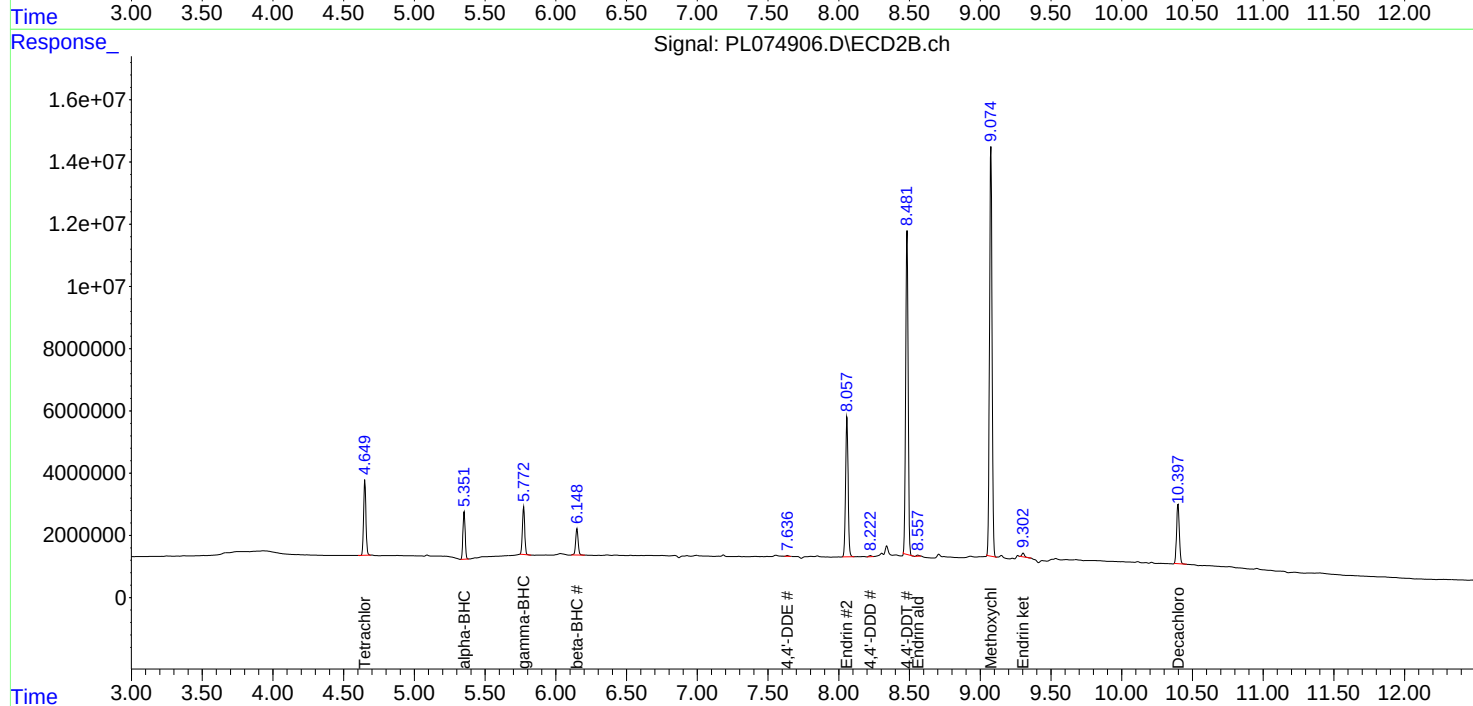
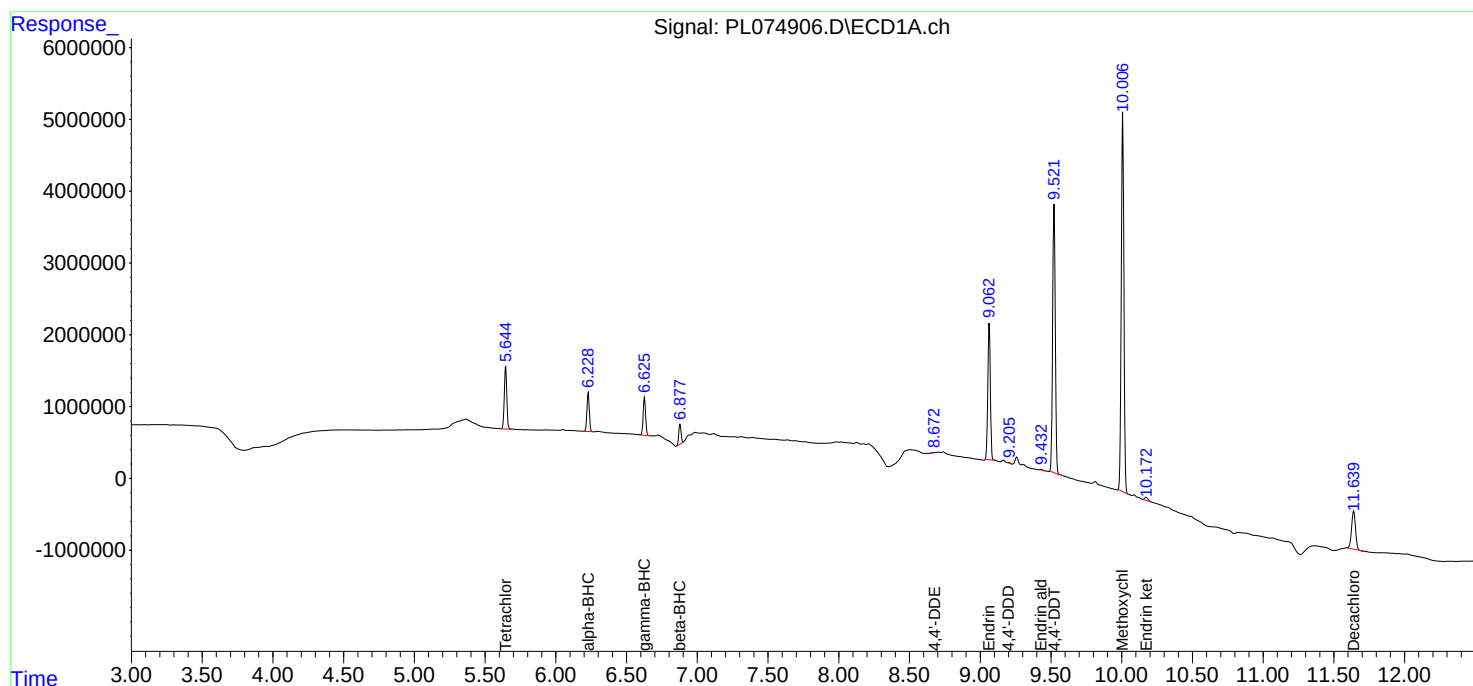
Instrument :
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ClientSampleId :
PEM

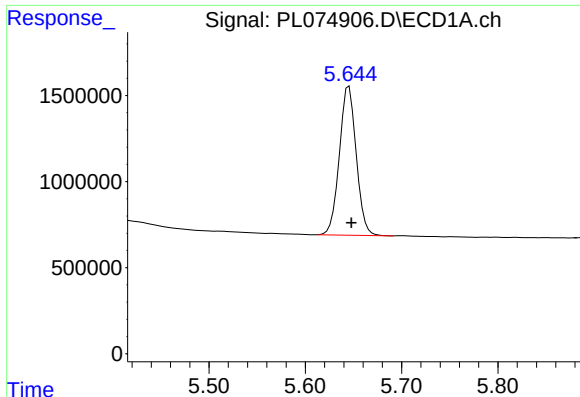
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Integration File signal 1: autoint1.e
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Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL051122.M
Quant Title : GC Extractables
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Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
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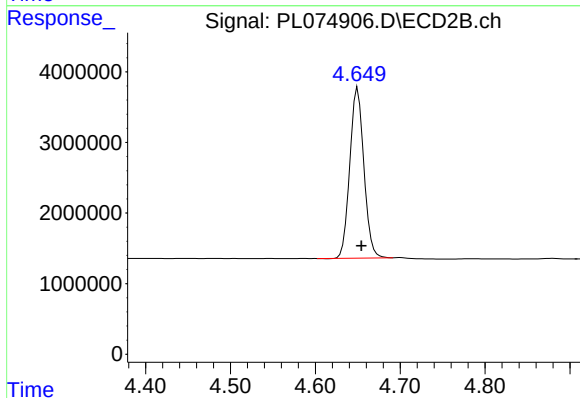
#1 Tetrachloro-m-xylene

R.T.: 5.645 min
Delta R.T.: -0.003 min
Response: 10498900
Conc: 20.68 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

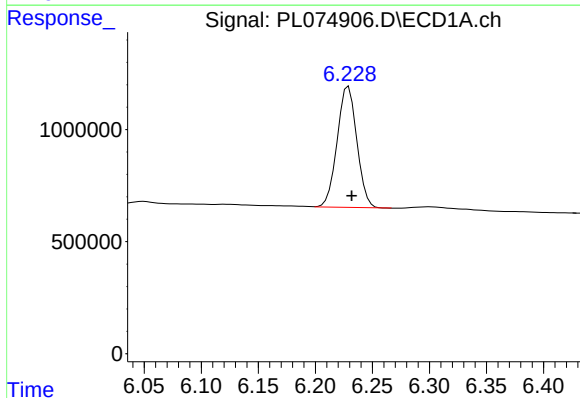
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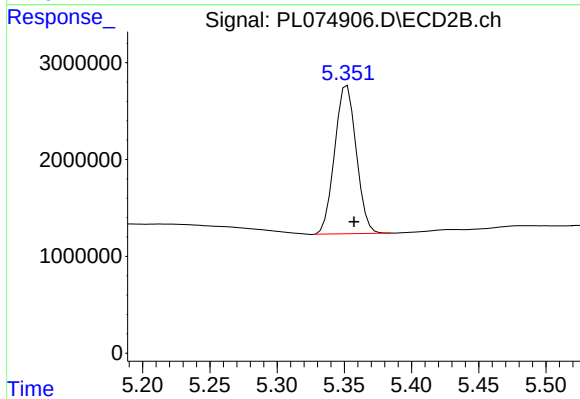
#1 Tetrachloro-m-xylene

R.T.: 4.650 min
Delta R.T.: -0.004 min
Response: 27780251
Conc: 20.24 ng/ml



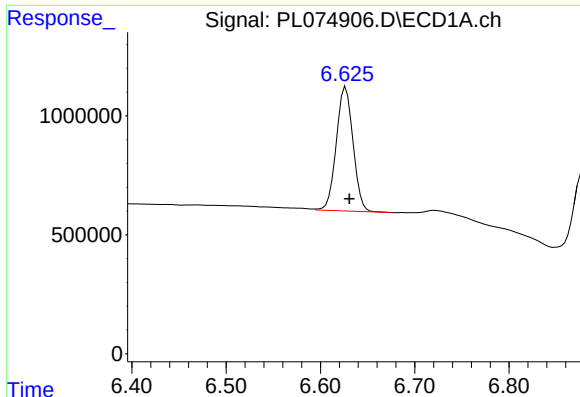
#2 alpha-BHC

R.T.: 6.229 min
Delta R.T.: -0.003 min
Response: 6468944
Conc: 9.46 ng/ml



#2 alpha-BHC

R.T.: 5.352 min
Delta R.T.: -0.005 min
Response: 17028586
Conc: 10.12 ng/ml



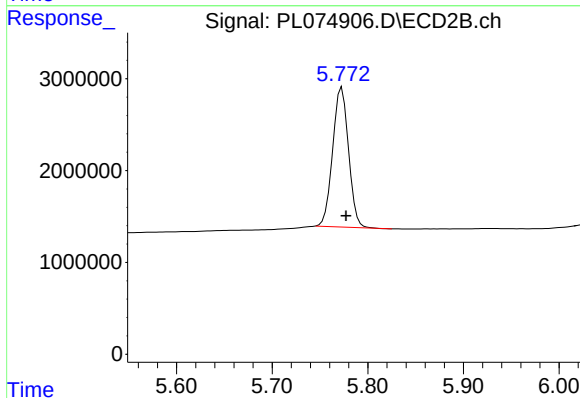
#3 gamma-BHC (Lindane)

R.T.: 6.627 min
Delta R.T.: -0.004 min
Response: 6396183
Conc: 9.91 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

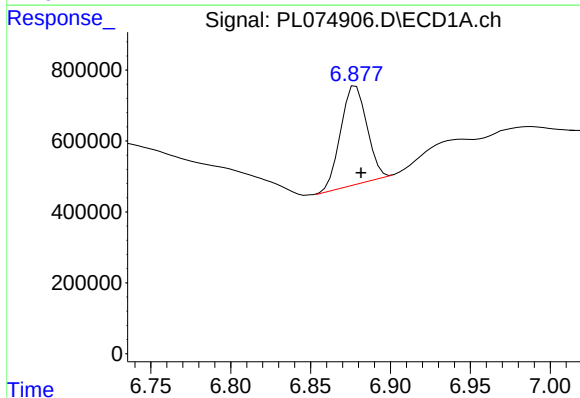
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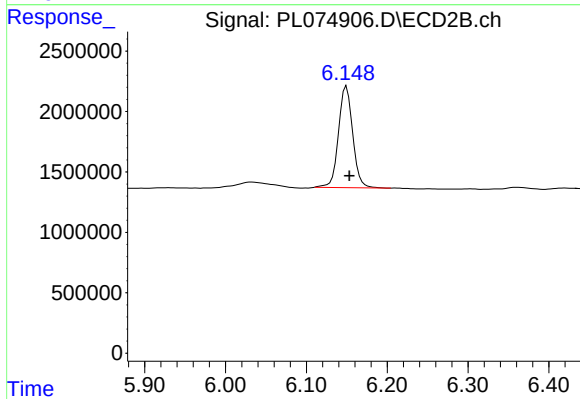
#3 gamma-BHC (Lindane)

R.T.: 5.773 min
Delta R.T.: -0.004 min
Response: 17438549
Conc: 10.55 ng/ml



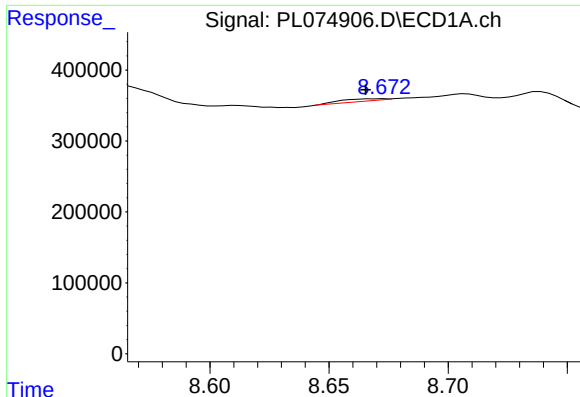
#6 beta-BHC

R.T.: 6.878 min
Delta R.T.: -0.003 min
Response: 3172733
Conc: 10.63 ng/ml



#6 beta-BHC

R.T.: 6.150 min
Delta R.T.: -0.004 min
Response: 10255232
Conc: 12.92 ng/ml



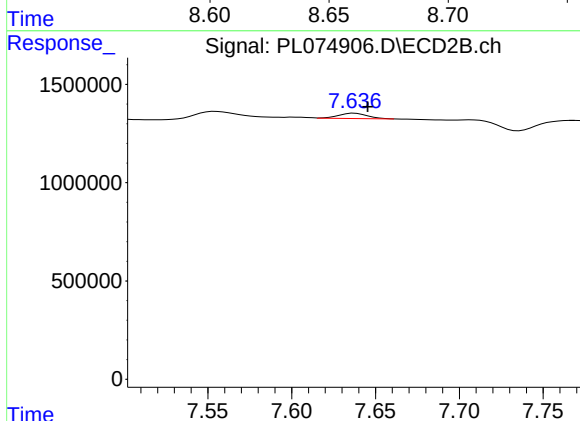
#12 4,4'-DDE

R.T.: 8.672 min
Delta R.T.: 0.007 min
Response: 48362
Conc: 0.10 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

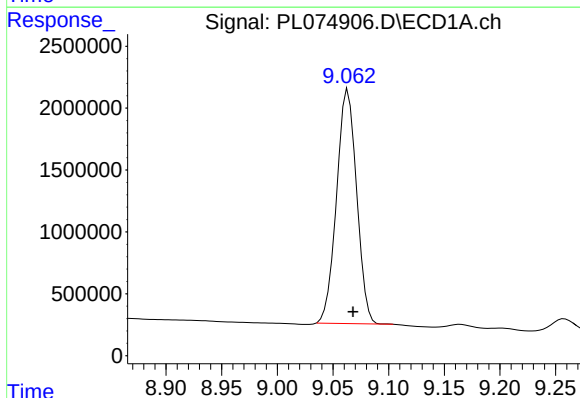
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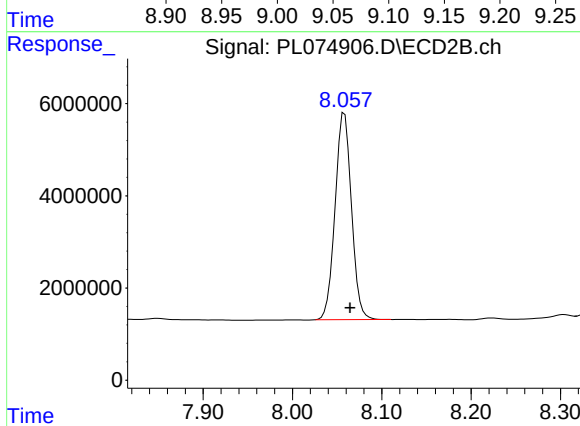
#12 4,4'-DDE

R.T.: 7.636 min
Delta R.T.: -0.009 min
Response: 322000
Conc: 0.27 ng/ml m



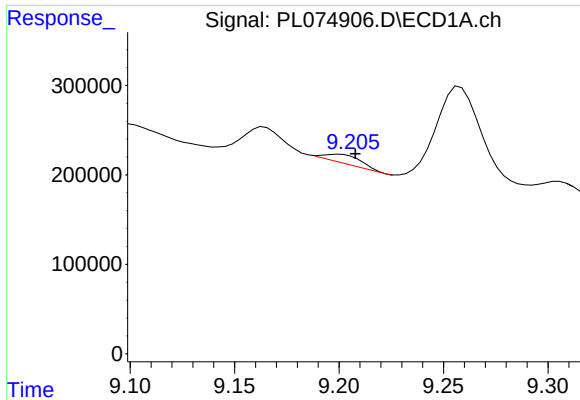
#14 Endrin

R.T.: 9.064 min
Delta R.T.: -0.005 min
Response: 23728199
Conc: 57.50 ng/ml



#14 Endrin

R.T.: 8.058 min
Delta R.T.: -0.007 min
Response: 57170619
Conc: 54.12 ng/ml



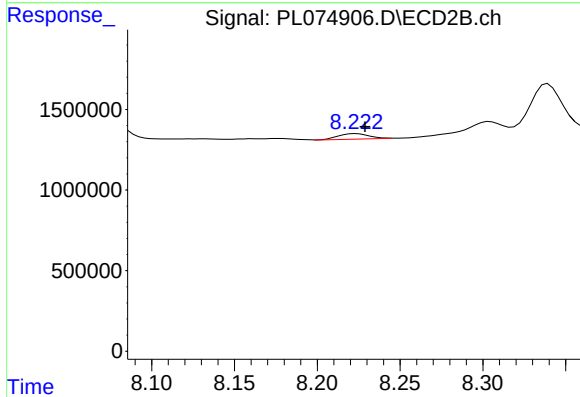
#16 4,4'-DDD

R.T.: 9.205 min
Delta R.T.: -0.002 min
Response: 110490
Conc: 0.24 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

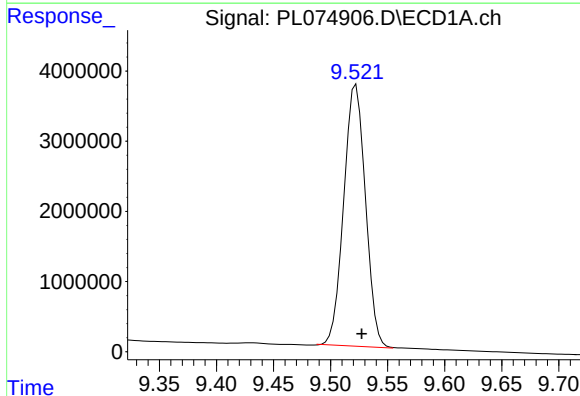
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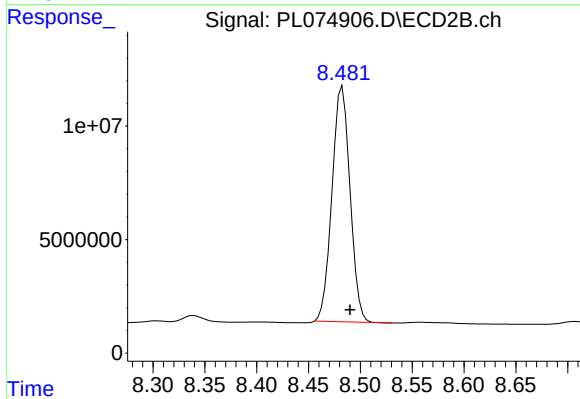
#16 4,4'-DDD

R.T.: 8.222 min
Delta R.T.: -0.007 min
Response: 447264
Conc: 0.45 ng/ml m



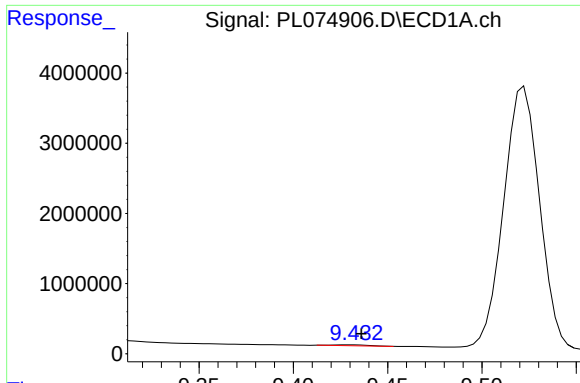
#17 4,4'-DDT

R.T.: 9.521 min
Delta R.T.: -0.006 min
Response: 49358883
Conc: 107.39 ng/ml m



#17 4,4'-DDT

R.T.: 8.483 min
Delta R.T.: -0.007 min
Response: 125246834
Conc: 125.18 ng/ml



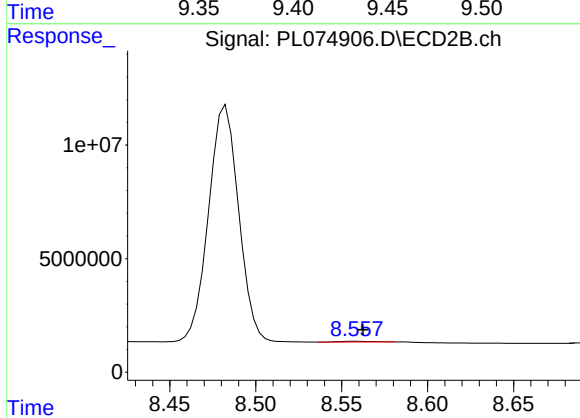
#18 Endrin aldehyde

R.T.: 9.432 min
Delta R.T.: -0.004 min
Response: 165537
Conc: 0.47 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

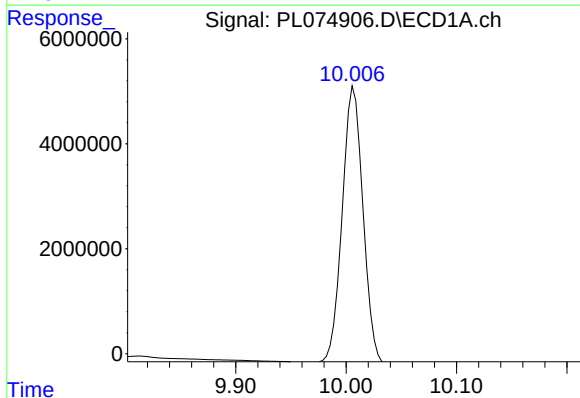
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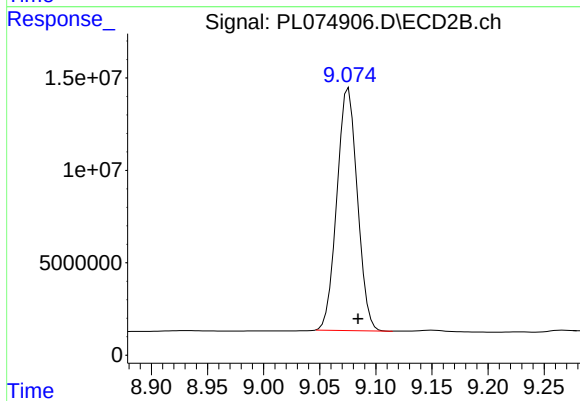
#18 Endrin aldehyde

R.T.: 8.557 min
Delta R.T.: -0.005 min
Response: 452871
Conc: 0.57 ng/ml m



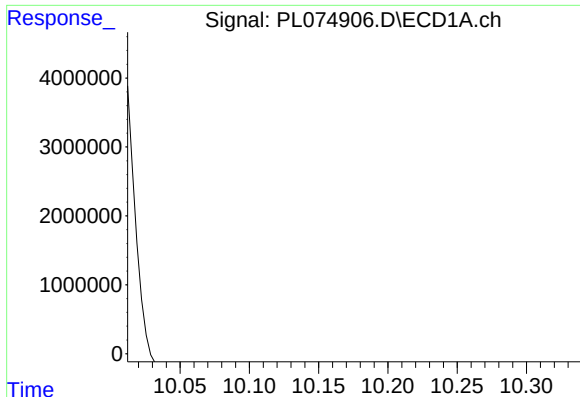
#20 Methoxychlor

R.T.: 10.006 min
Delta R.T.: -0.007 min
Response: 69053229
Conc: 281.95 ng/ml m



#20 Methoxychlor

R.T.: 9.076 min
Delta R.T.: -0.008 min
Response: 166591732
Conc: 285.07 ng/ml



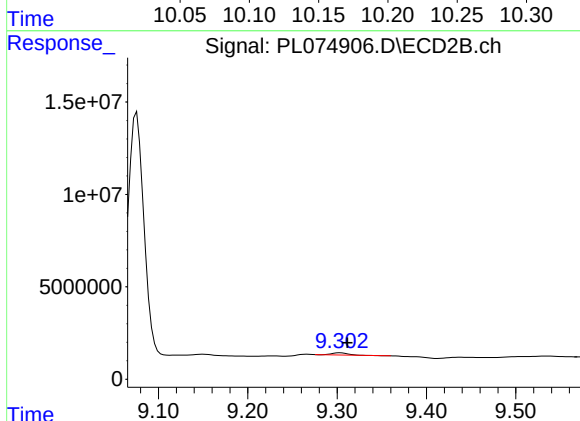
#21 Endrin ketone

R.T.: 10.172 min
Delta R.T.: -0.005 min
Response: 725758
Conc: 1.42 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

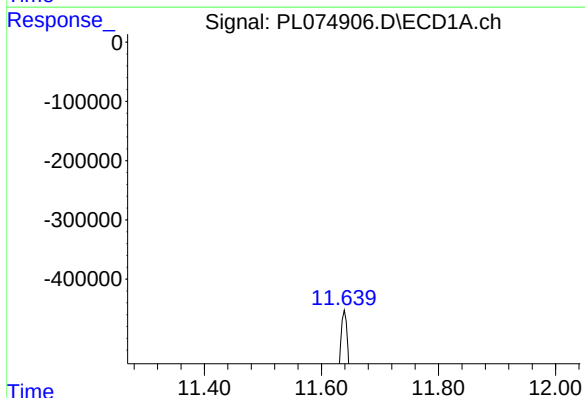
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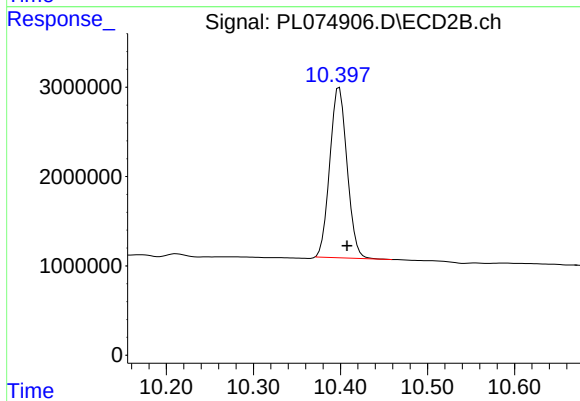
#21 Endrin ketone

R.T.: 9.304 min
Delta R.T.: -0.008 min
Response: 1379840
Conc: 1.24 ng/ml



#28 Decachlorobiphenyl

R.T.: 11.640 min
Delta R.T.: -0.011 min
Response: 10202699
Conc: 22.85 ng/ml



#28 Decachlorobiphenyl

R.T.: 10.399 min
Delta R.T.: -0.009 min
Response: 26246999
Conc: 25.57 ng/ml