

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL051622\
 Data File : PL074721.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 16 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 05/17/2022
 Supervised By : mohammad ahmed 05/17/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 17 00:46:12 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	11449521	28431002	22.550	20.715
28)	SA Decachlor...	11.650	10.407	10840867	23947880	24.275	23.332
Target Compounds							
2)	A alpha-BHC	6.232	5.357	7063760	16824587	10.325	9.997
3)	MA gamma-BHC...	6.631	5.777	6915242	17137279	10.713	10.371
6)	B beta-BHC	6.882	6.154	3589657	9644227	12.028	12.147
12)	B 4,4'-DDE	8.664	7.645	141407	357711	0.305m	0.304
14)	MA Endrin	9.068	8.064	24594581	57981382	59.600	54.891
16)	A 4,4'-DDD	9.207	8.228	1576024	3402924	3.486	3.454
17)	MA 4,4'-DDT	9.526	8.490	47710495	107.2E6	103.802m	107.115
18)	B Endrin al...	9.434	8.562	546247	1500819	1.543m	1.879
20)	A Methoxychlor	10.013	9.083	64203323	136.8E6	262.148	234.071
21)	B Endrin ke...	10.176	9.311	1374822	3820594	2.681	3.427 #

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

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Data File : PL074721.D
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Acq On : 16 May 2022 09:09
Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

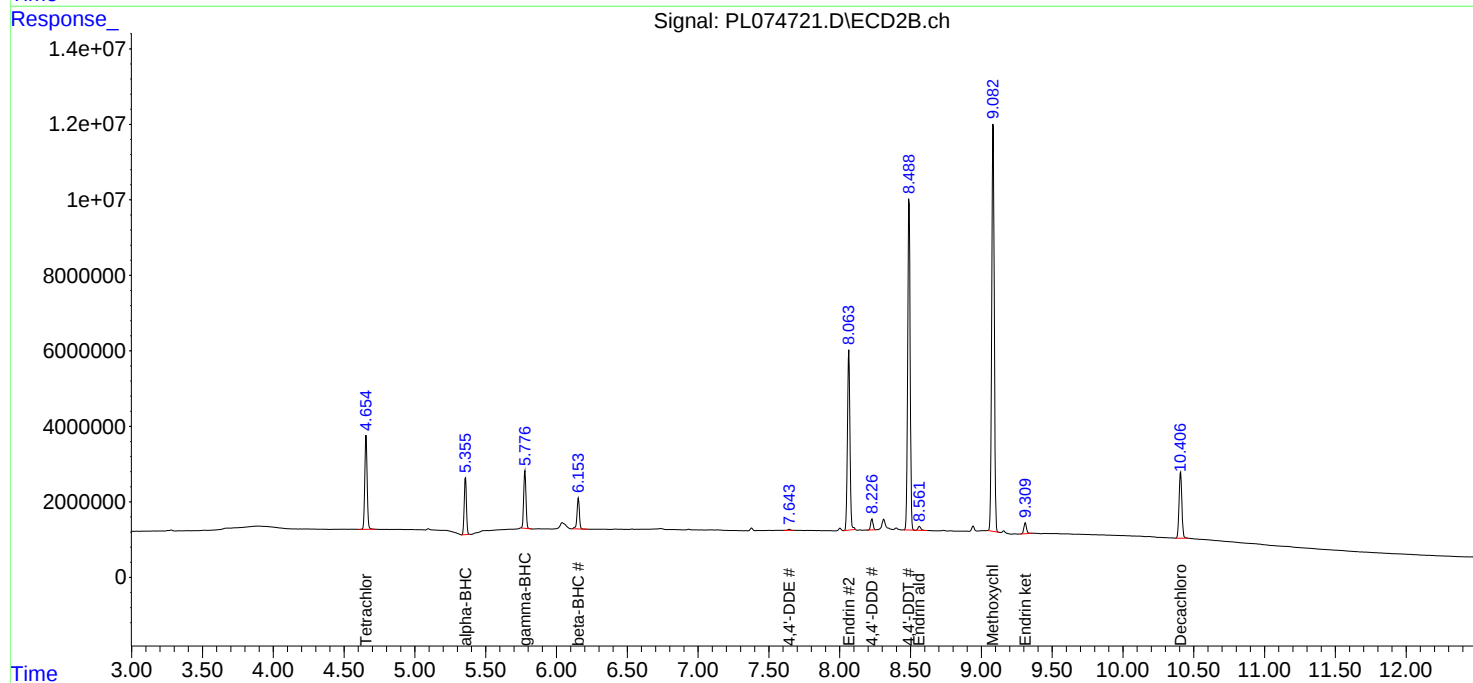
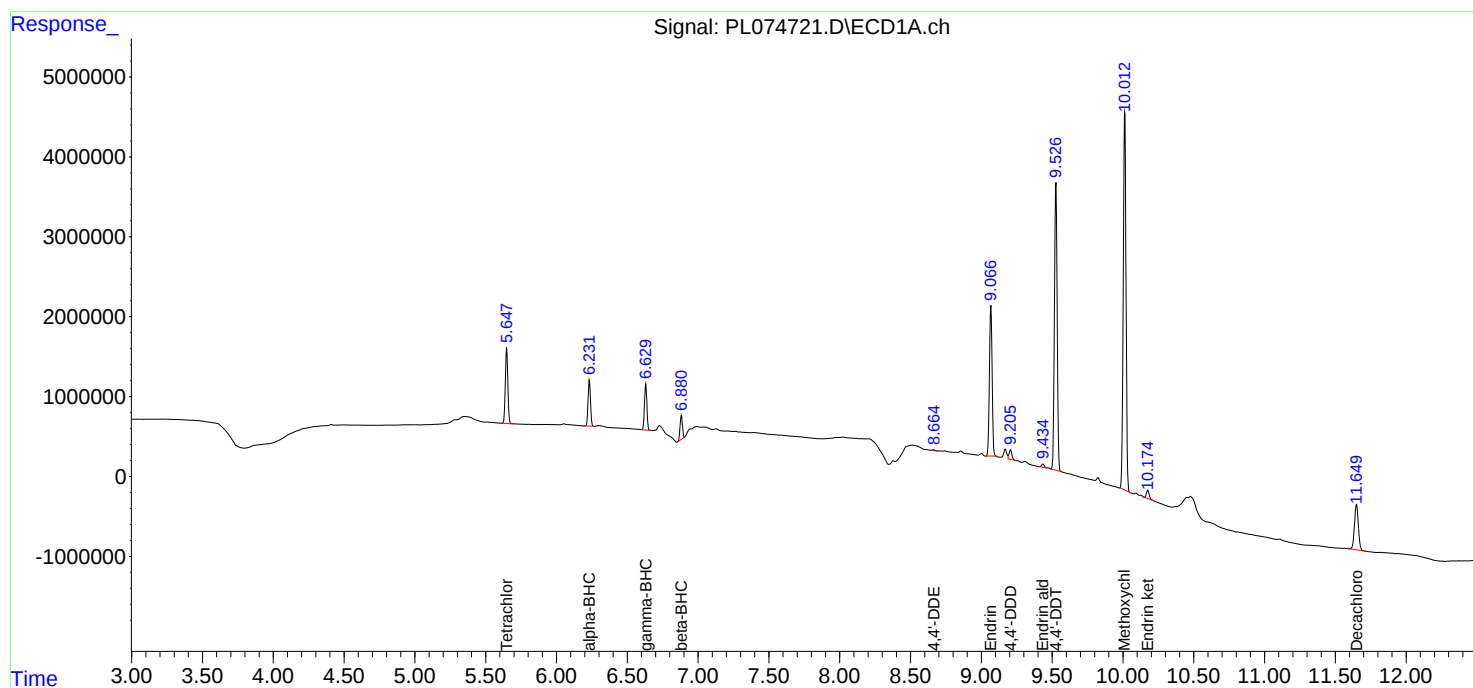
Instrument :
ECD_L
ClientSampleId :
PEM

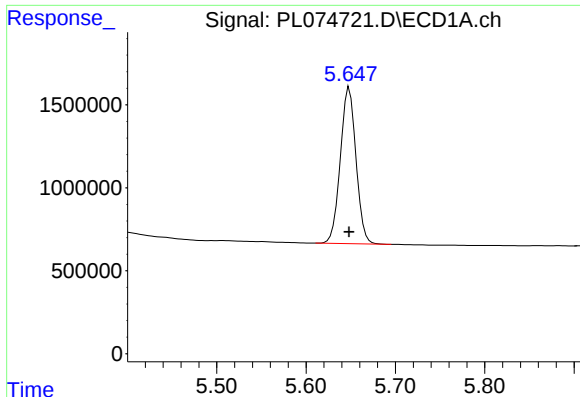
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Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
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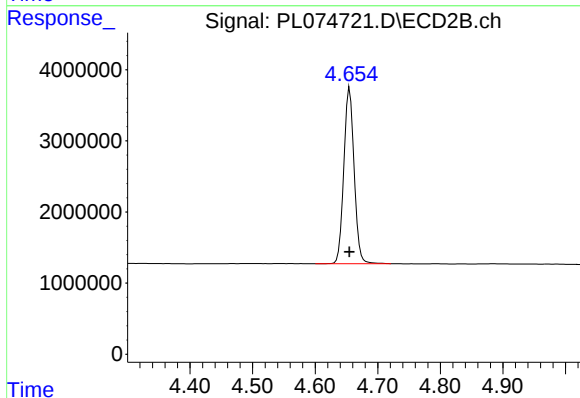
#1 Tetrachloro-m-xylene

R.T.: 5.649 min
Delta R.T.: 0.000 min
Response: 11449521
Conc: 22.55 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

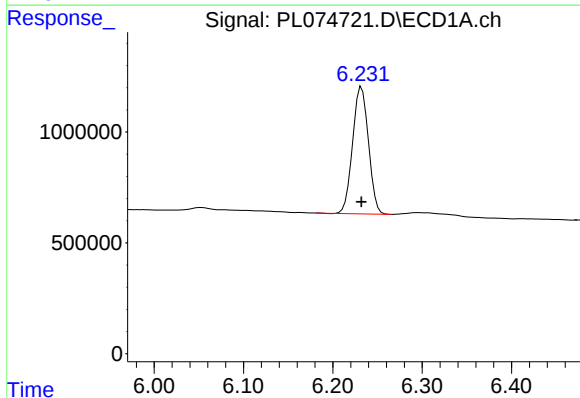
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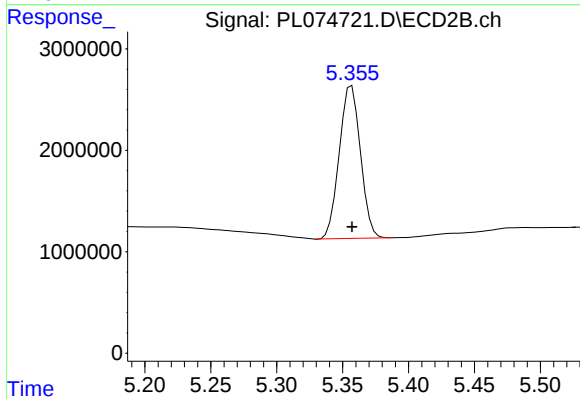
#1 Tetrachloro-m-xylene

R.T.: 4.655 min
Delta R.T.: 0.000 min
Response: 28431002
Conc: 20.71 ng/ml



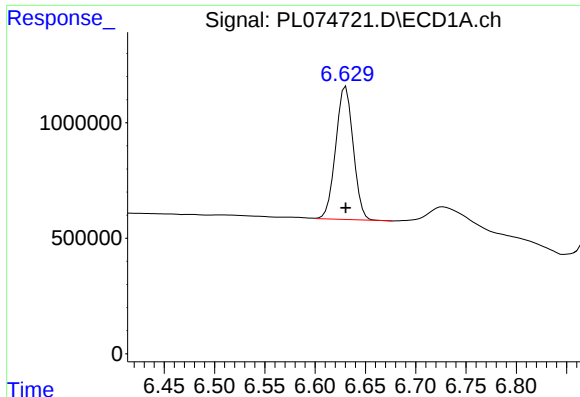
#2 alpha-BHC

R.T.: 6.232 min
Delta R.T.: 0.000 min
Response: 7063760
Conc: 10.32 ng/ml



#2 alpha-BHC

R.T.: 5.357 min
Delta R.T.: 0.000 min
Response: 16824587
Conc: 10.00 ng/ml



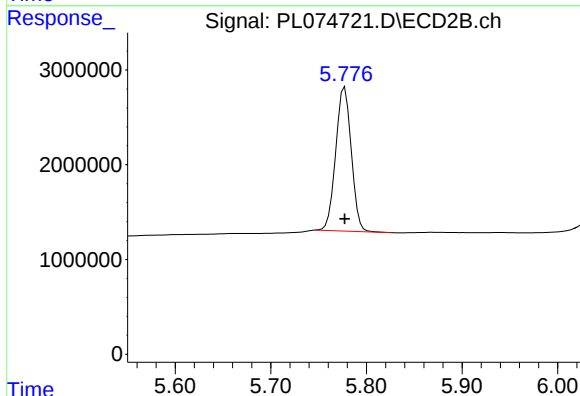
#3 gamma-BHC (Lindane)

R.T.: 6.631 min
Delta R.T.: 0.000 min
Response: 6915242
Conc: 10.71 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

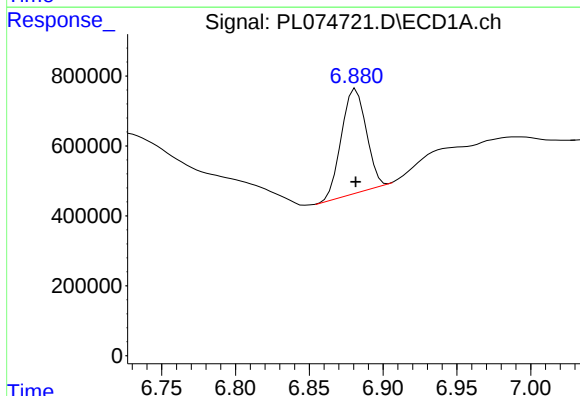
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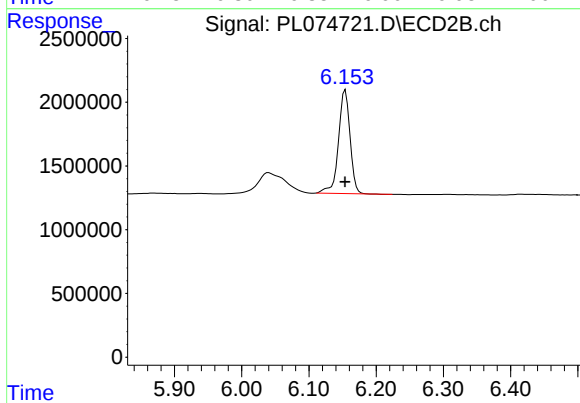
#3 gamma-BHC (Lindane)

R.T.: 5.777 min
Delta R.T.: 0.000 min
Response: 17137279
Conc: 10.37 ng/ml



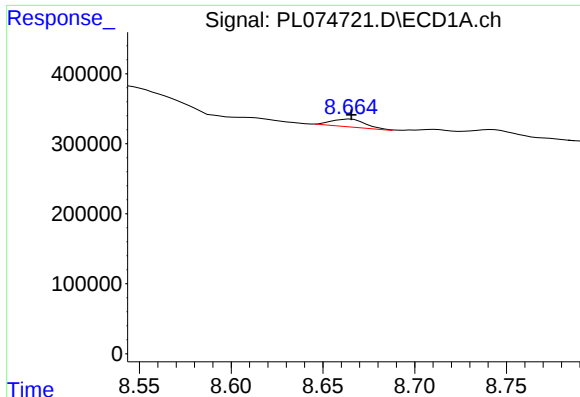
#6 beta-BHC

R.T.: 6.882 min
Delta R.T.: 0.000 min
Response: 3589657
Conc: 12.03 ng/ml



#6 beta-BHC

R.T.: 6.154 min
Delta R.T.: 0.000 min
Response: 9644227
Conc: 12.15 ng/ml



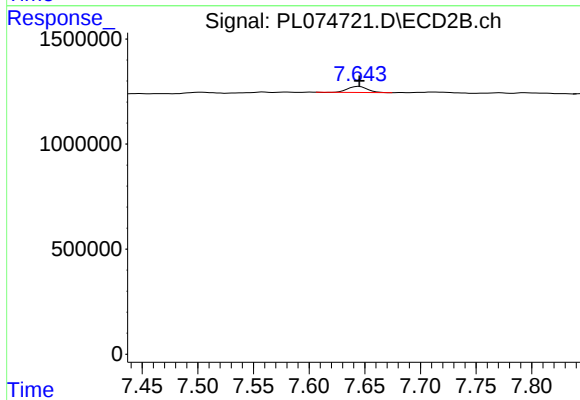
#12 4,4'-DDE

R.T.: 8.664 min
Delta R.T.: -0.002 min
Response: 141407
Conc: 0.31 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

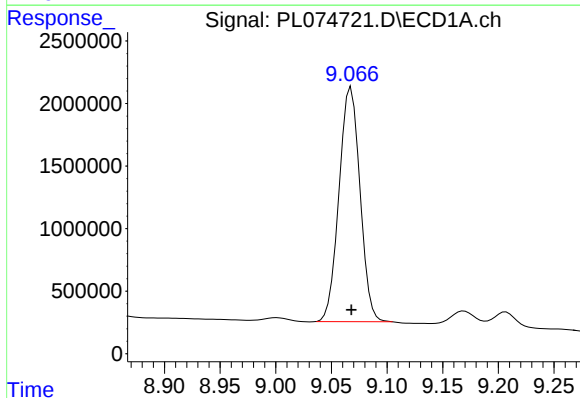
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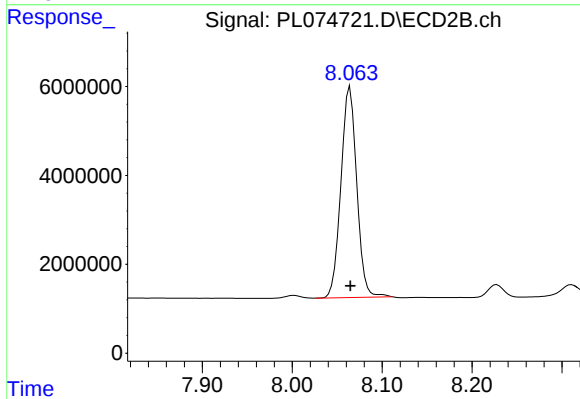
#12 4,4'-DDE

R.T.: 7.645 min
Delta R.T.: 0.000 min
Response: 357711
Conc: 0.30 ng/ml



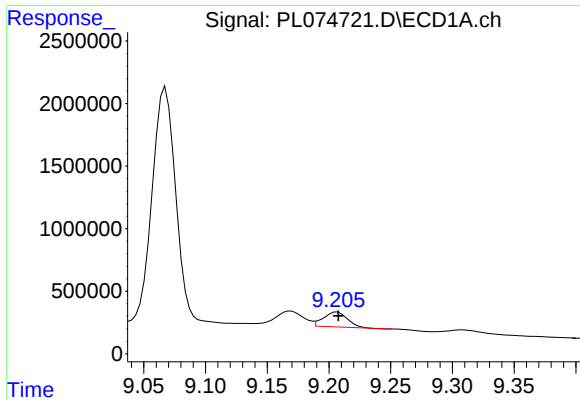
#14 Endrin

R.T.: 9.068 min
Delta R.T.: 0.000 min
Response: 24594581
Conc: 59.60 ng/ml



#14 Endrin

R.T.: 8.064 min
Delta R.T.: 0.000 min
Response: 57981382
Conc: 54.89 ng/ml



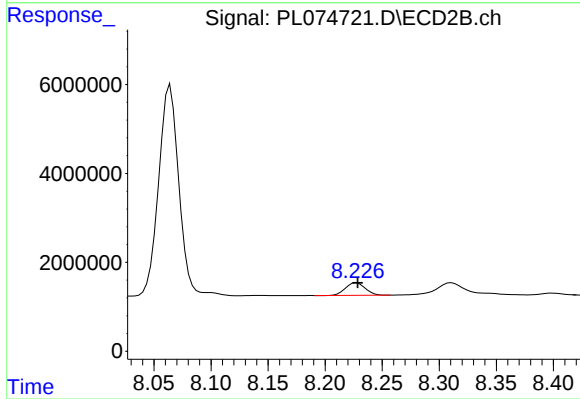
#16 4,4'-DDD

R.T.: 9.207 min
Delta R.T.: -0.001 min
Response: 1576024
Conc: 3.49 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

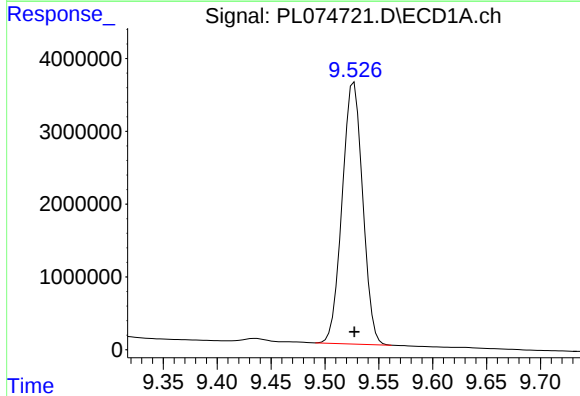
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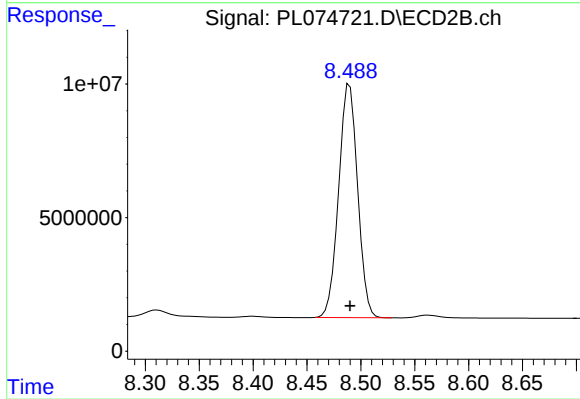
#16 4,4'-DDD

R.T.: 8.228 min
Delta R.T.: -0.001 min
Response: 3402924
Conc: 3.45 ng/ml



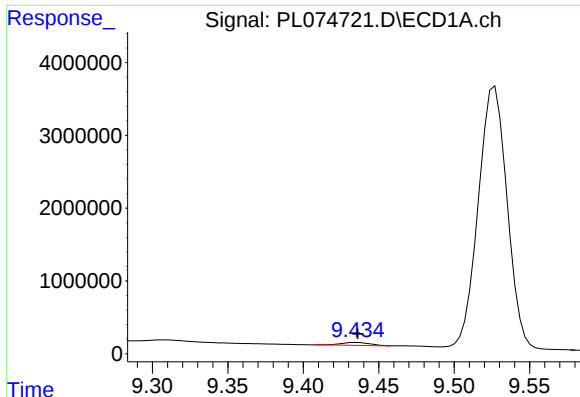
#17 4,4'-DDT

R.T.: 9.526 min
Delta R.T.: -0.002 min
Response: 47710495
Conc: 103.80 ng/ml m



#17 4,4'-DDT

R.T.: 8.490 min
Delta R.T.: 0.000 min
Response: 107170289
Conc: 107.12 ng/ml



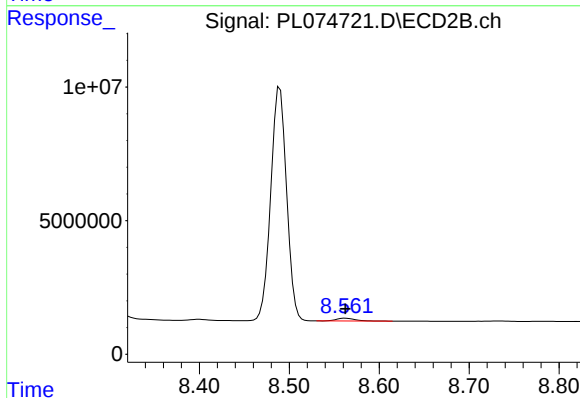
#18 Endrin aldehyde

R.T.: 9.434 min
Delta R.T.: -0.002 min
Response: 546247
Conc: 1.54 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

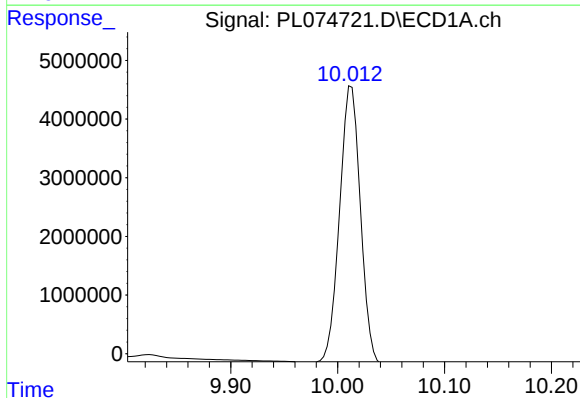
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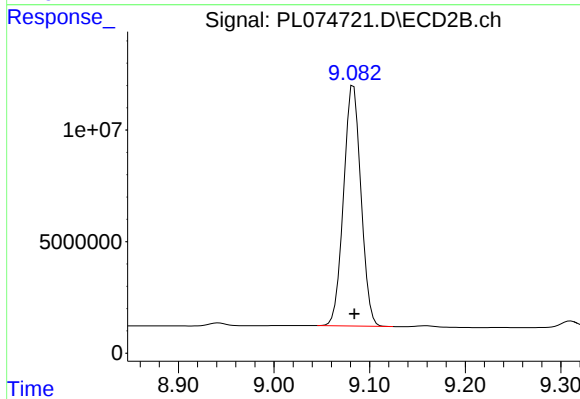
#18 Endrin aldehyde

R.T.: 8.562 min
Delta R.T.: 0.000 min
Response: 1500819
Conc: 1.88 ng/ml



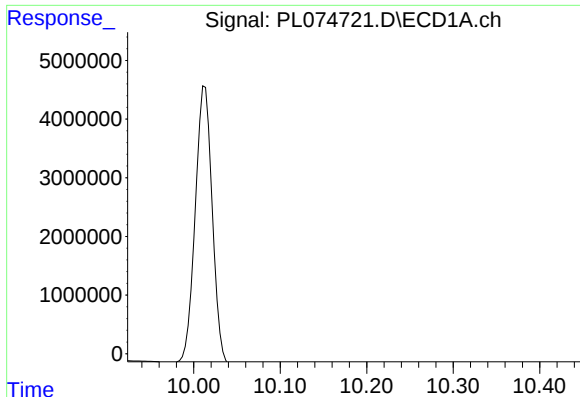
#20 Methoxychlor

R.T.: 10.013 min
Delta R.T.: 0.000 min
Response: 64203323
Conc: 262.15 ng/ml



#20 Methoxychlor

R.T.: 9.083 min
Delta R.T.: -0.001 min
Response: 136789306
Conc: 234.07 ng/ml



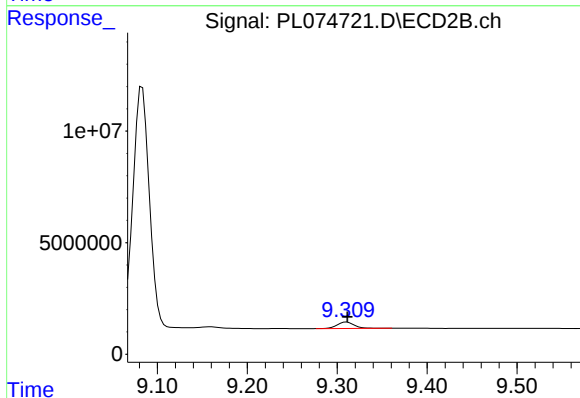
#21 Endrin ketone

R.T.: 10.176 min
Delta R.T.: -0.001 min
Response: 1374822
Conc: 2.68 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

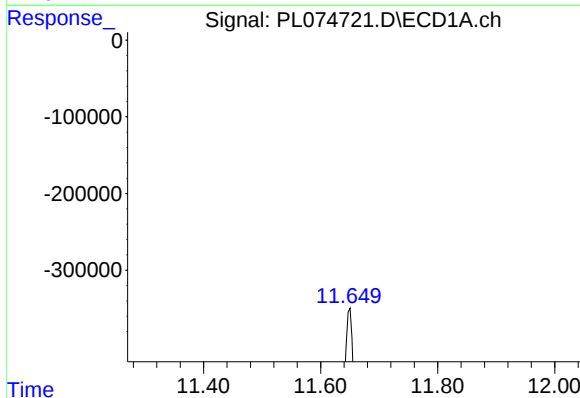
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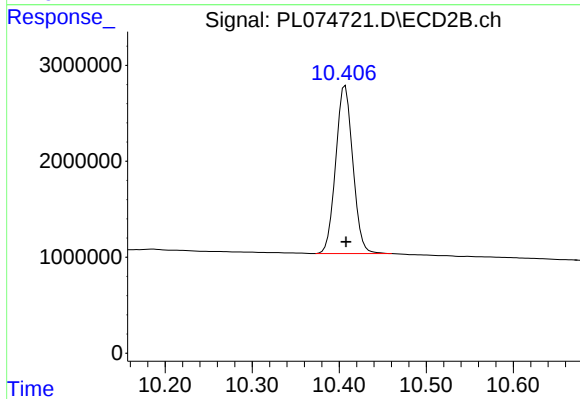
#21 Endrin ketone

R.T.: 9.311 min
Delta R.T.: 0.000 min
Response: 3820594
Conc: 3.43 ng/ml



#28 Decachlorobiphenyl

R.T.: 11.650 min
Delta R.T.: 0.000 min
Response: 10840867
Conc: 24.28 ng/ml



#28 Decachlorobiphenyl

R.T.: 10.407 min
Delta R.T.: 0.000 min
Response: 23947880
Conc: 23.33 ng/ml