

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL052022\
 Data File : PL074896.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 20 May 2022 20:09
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 05/21/2022
 Supervised By : Ankita Jodhani 05/23/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 21 01:01:13 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	10675283	28505546	21.025	20.769
28)	SA Decachlor...	11.643	10.400	10444443	24994747	23.387	24.352
Target Compounds							
2)	A alpha-BHC	6.229	5.352	6598880	17236396	9.645	10.242
3)	MA gamma-BHC...	6.627	5.772	6455766	17435218	10.001	10.551
6)	B beta-BHC	6.878	6.150	3274502	9738931	10.972	12.266
12)	B 4,4'-DDE	8.658	7.638	113188	395811	0.245m	0.336 #
14)	MA Endrin	9.063	8.058	22045217	59064964	53.422	55.917
16)	A 4,4'-DDD	9.203	8.221	2171344	6062803	4.803	6.154 #
17)	MA 4,4'-DDT	9.522	8.483	43428503	109.2E6	94.486	109.172
18)	B Endrin al...	9.430	8.557	482542	1688114	1.363m	2.114 #
20)	A Methoxychlor	10.007	9.077	60216728	144.5E6	245.870m	247.217
21)	B Endrin ke...	10.172	9.304	1892930	4754592	3.691	4.265

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

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Acq On : 20 May 2022 20:09
Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

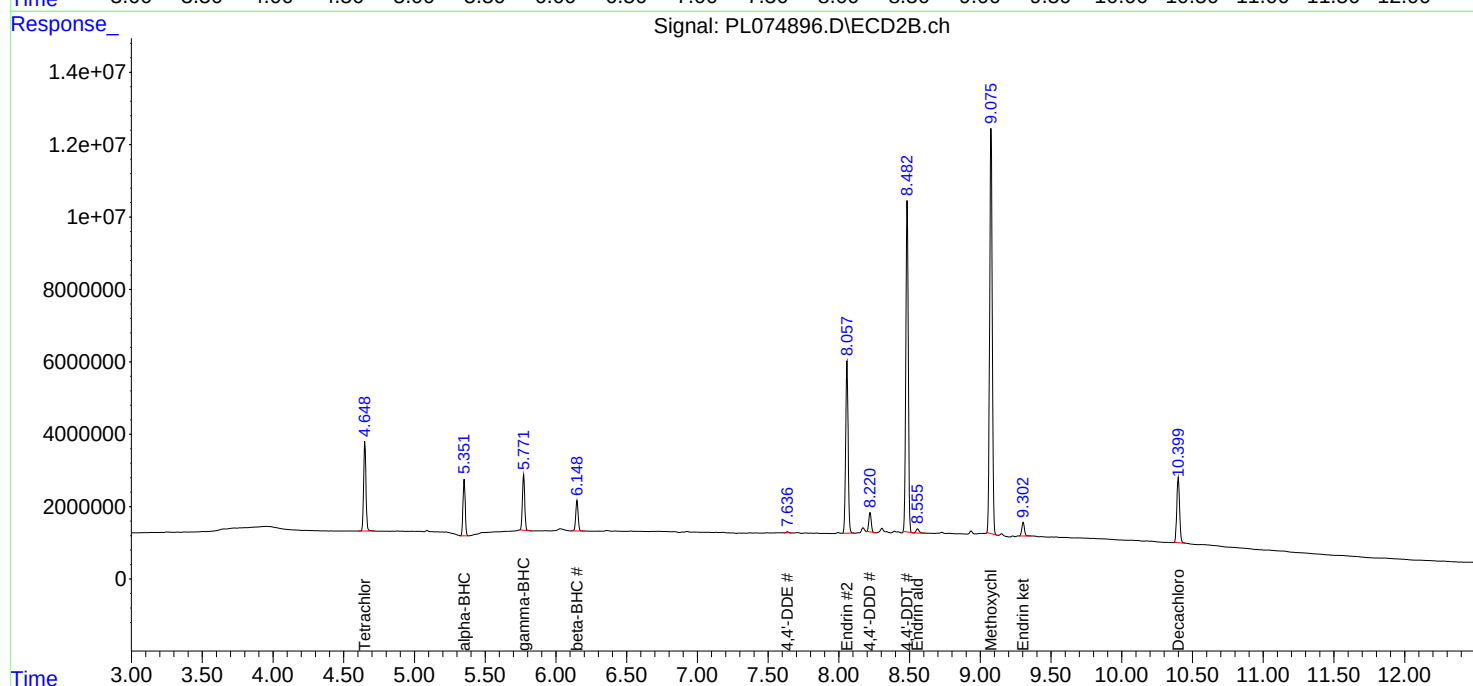
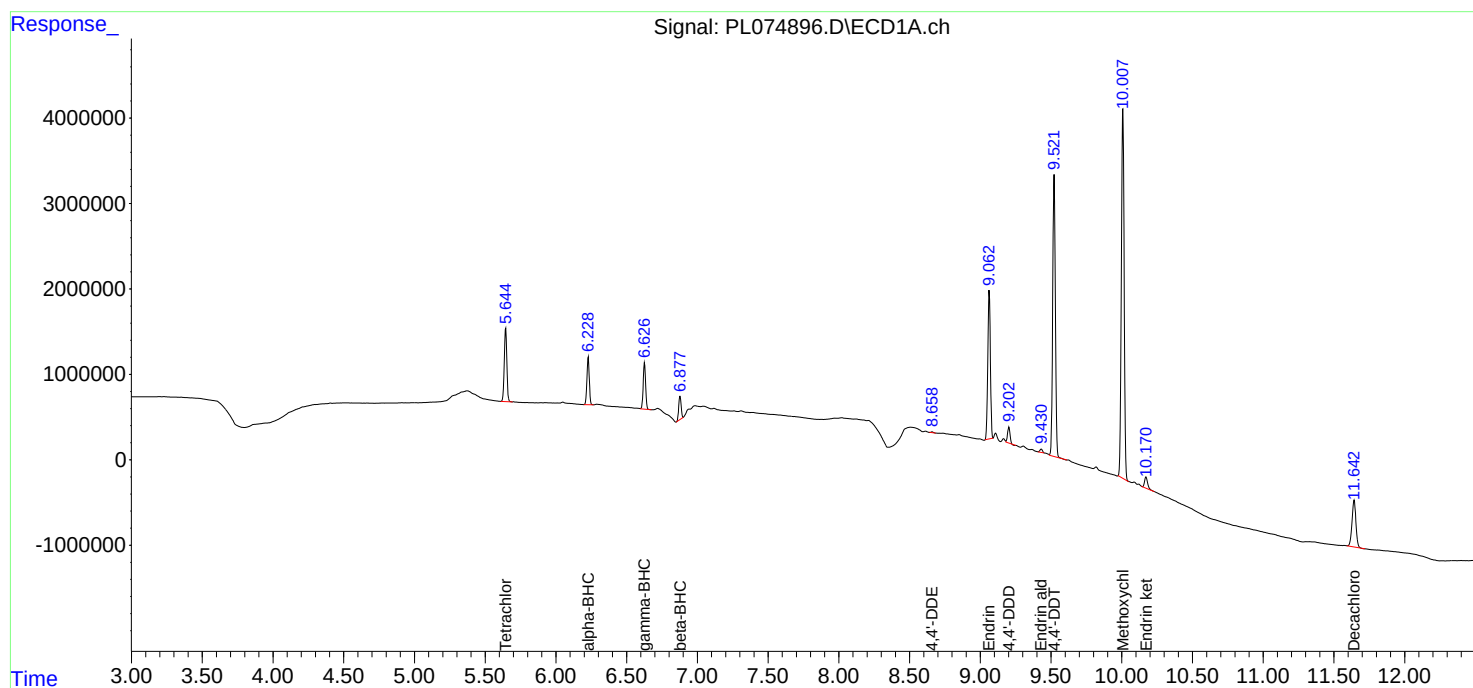
Instrument :
ECD_L
ClientSampleId :
PEM

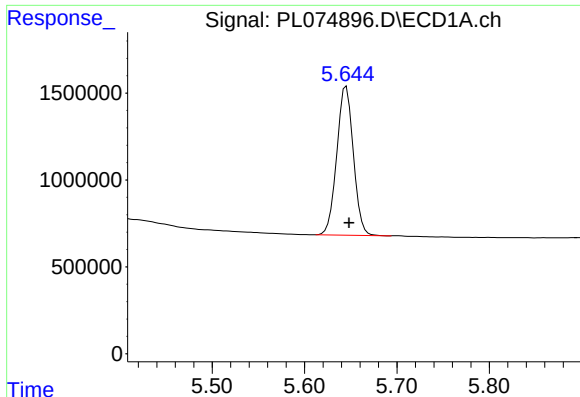
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Integration File signal 1: autoint1.e
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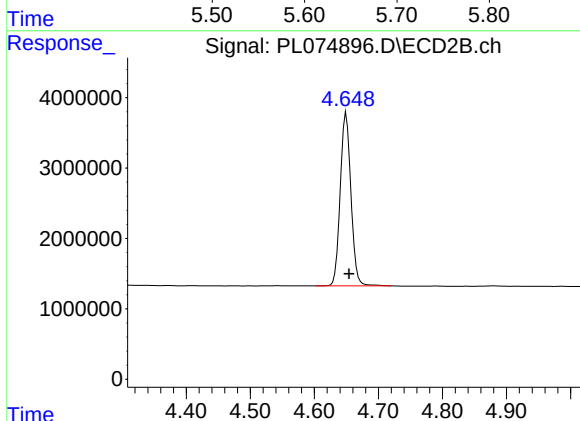
#1 Tetrachloro-m-xylene

R.T.: 5.645 min
Delta R.T.: -0.003 min
Response: 10675283
Conc: 21.03 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

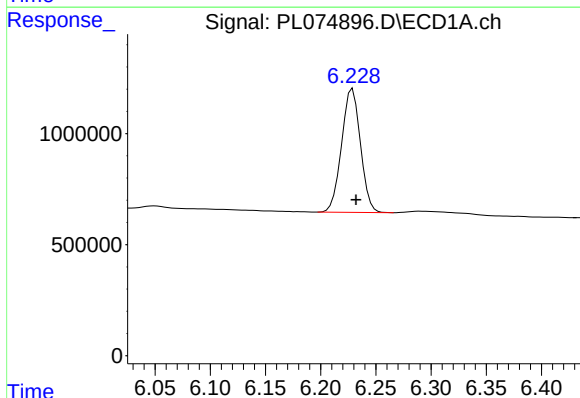
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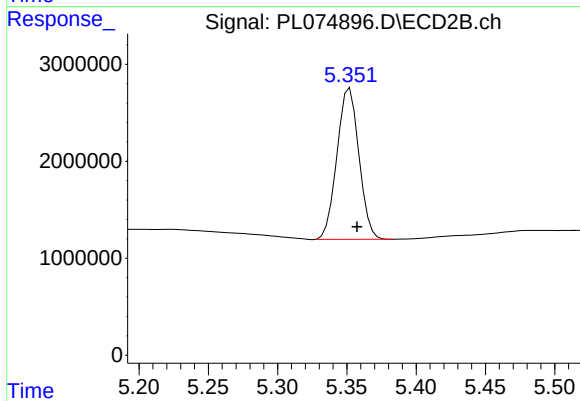
#1 Tetrachloro-m-xylene

R.T.: 4.650 min
Delta R.T.: -0.005 min
Response: 28505546
Conc: 20.77 ng/ml



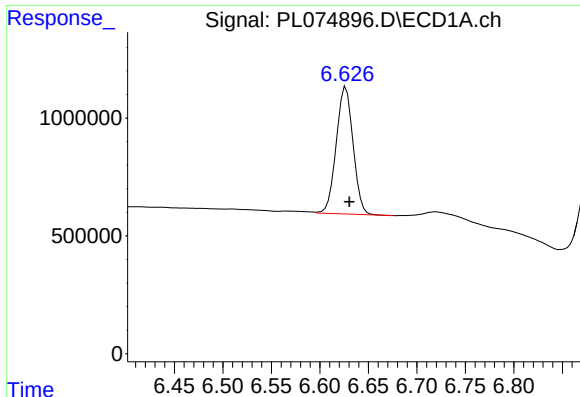
#2 alpha-BHC

R.T.: 6.229 min
Delta R.T.: -0.003 min
Response: 6598880
Conc: 9.65 ng/ml



#2 alpha-BHC

R.T.: 5.352 min
Delta R.T.: -0.005 min
Response: 17236396
Conc: 10.24 ng/ml



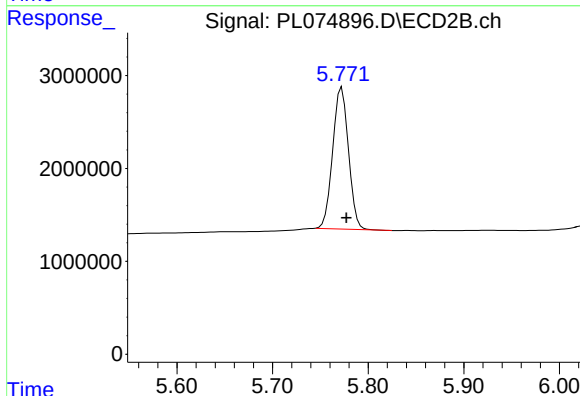
#3 gamma-BHC (Lindane)

R.T.: 6.627 min
Delta R.T.: -0.004 min
Response: 6455766
Conc: 10.00 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

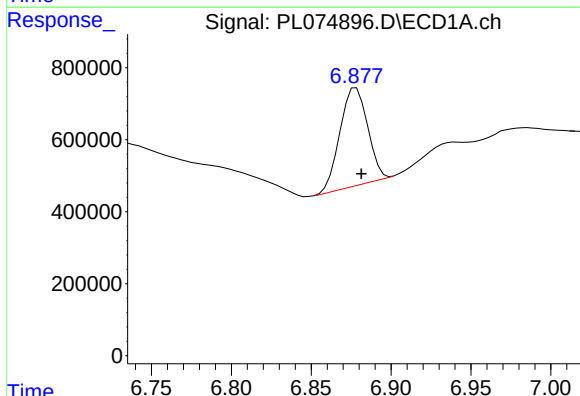
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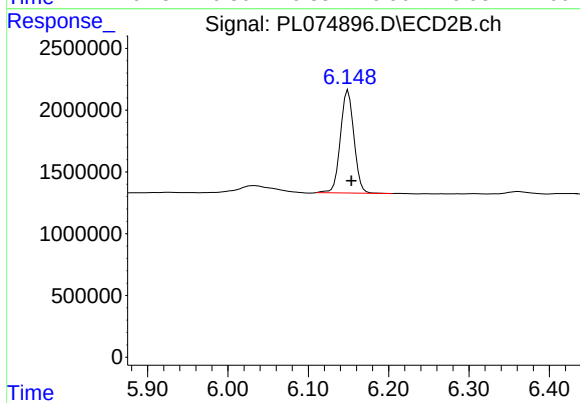
#3 gamma-BHC (Lindane)

R.T.: 5.772 min
Delta R.T.: -0.005 min
Response: 17435218
Conc: 10.55 ng/ml



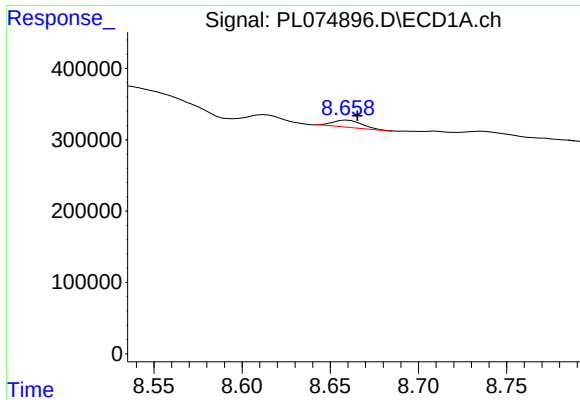
#6 beta-BHC

R.T.: 6.878 min
Delta R.T.: -0.003 min
Response: 3274502
Conc: 10.97 ng/ml



#6 beta-BHC

R.T.: 6.150 min
Delta R.T.: -0.004 min
Response: 9738931
Conc: 12.27 ng/ml



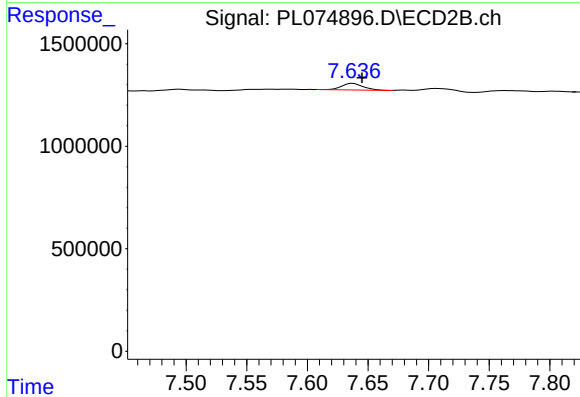
#12 4,4'-DDE

R.T.: 8.658 min
Delta R.T.: -0.007 min
Response: 113188
Conc: 0.24 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

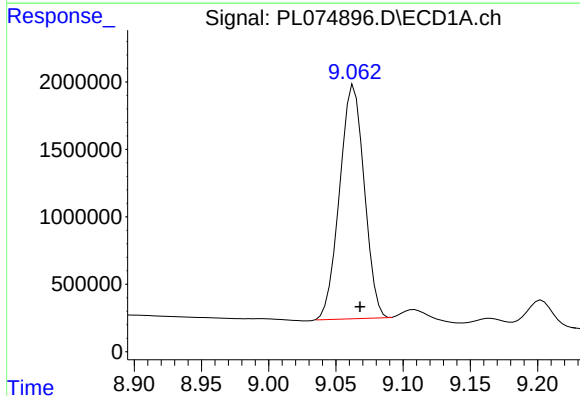
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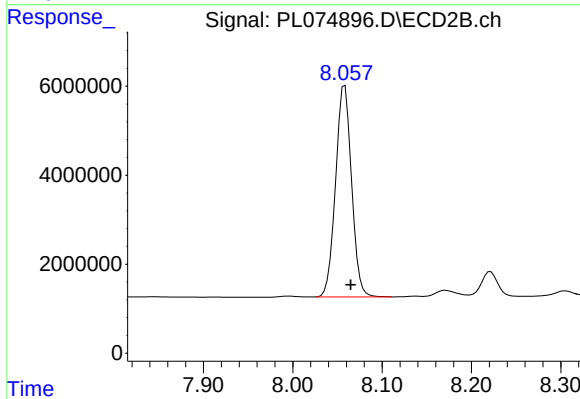
#12 4,4'-DDE

R.T.: 7.638 min
Delta R.T.: -0.008 min
Response: 395811
Conc: 0.34 ng/ml



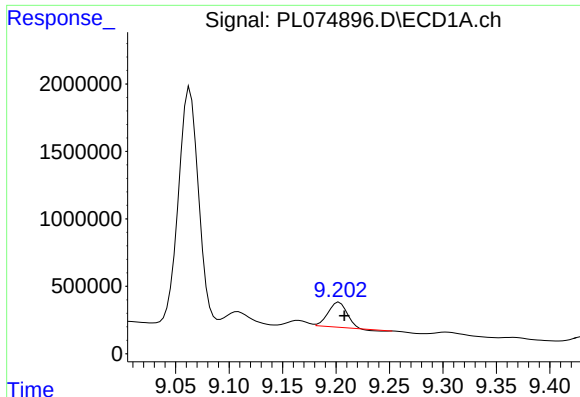
#14 Endrin

R.T.: 9.063 min
Delta R.T.: -0.005 min
Response: 22045217
Conc: 53.42 ng/ml



#14 Endrin

R.T.: 8.058 min
Delta R.T.: -0.007 min
Response: 59064964
Conc: 55.92 ng/ml



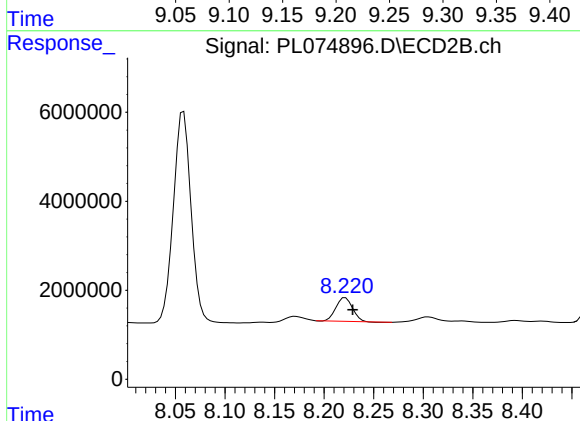
#16 4,4'-DDD

R.T.: 9.203 min
Delta R.T.: -0.005 min
Response: 2171344
Conc: 4.80 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

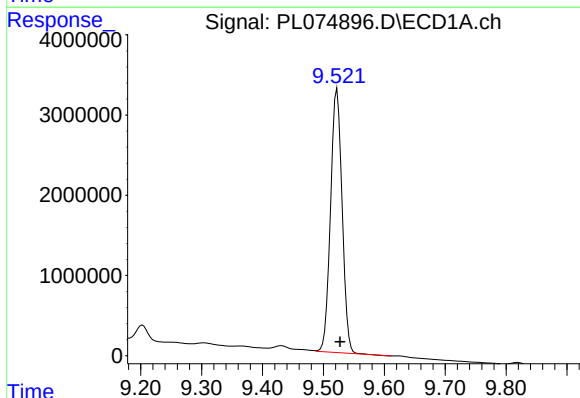
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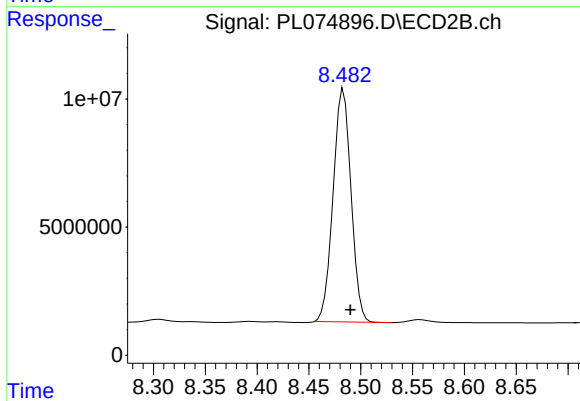
#16 4,4'-DDD

R.T.: 8.221 min
Delta R.T.: -0.007 min
Response: 6062803
Conc: 6.15 ng/ml



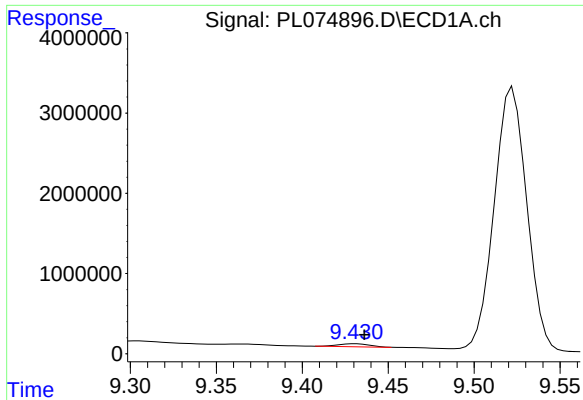
#17 4,4'-DDT

R.T.: 9.522 min
Delta R.T.: -0.005 min
Response: 43428503
Conc: 94.49 ng/ml



#17 4,4'-DDT

R.T.: 8.483 min
Delta R.T.: -0.007 min
Response: 109228591
Conc: 109.17 ng/ml



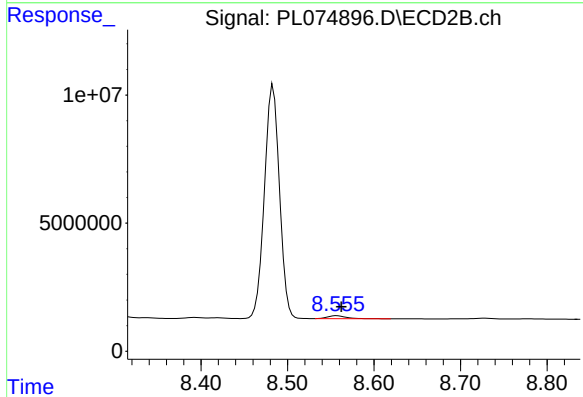
#18 Endrin aldehyde

R.T.: 9.430 min
Delta R.T.: -0.006 min
Response: 482542
Conc: 1.36 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

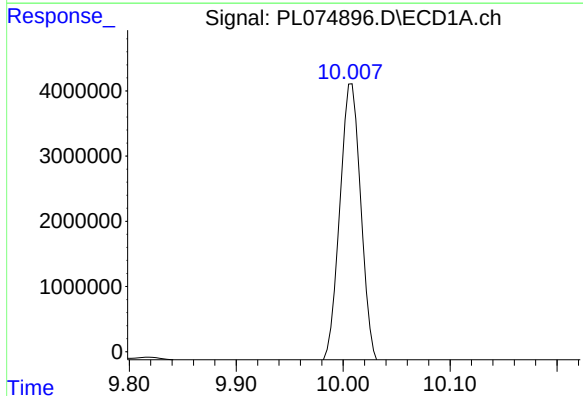
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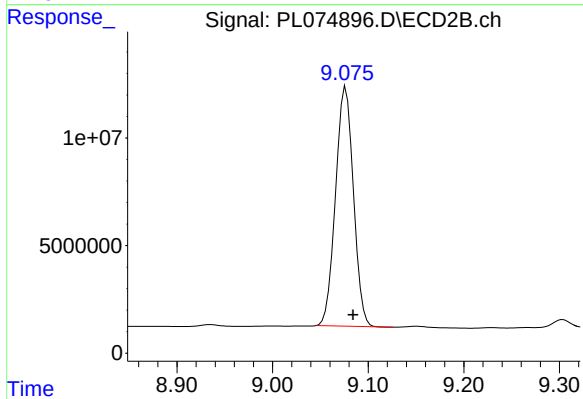
#18 Endrin aldehyde

R.T.: 8.557 min
Delta R.T.: -0.006 min
Response: 1688114
Conc: 2.11 ng/ml



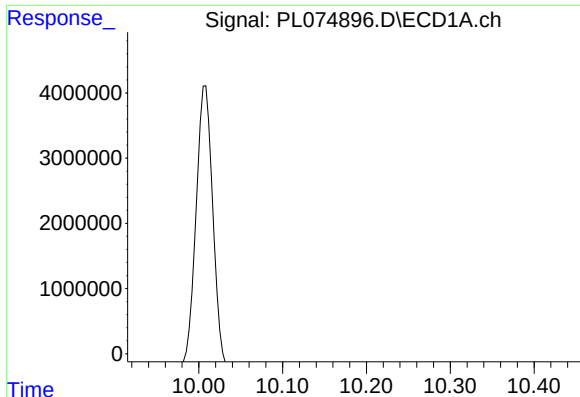
#20 Methoxychlor

R.T.: 10.007 min
Delta R.T.: -0.006 min
Response: 60216728
Conc: 245.87 ng/ml m



#20 Methoxychlor

R.T.: 9.077 min
Delta R.T.: -0.007 min
Response: 144471729
Conc: 247.22 ng/ml



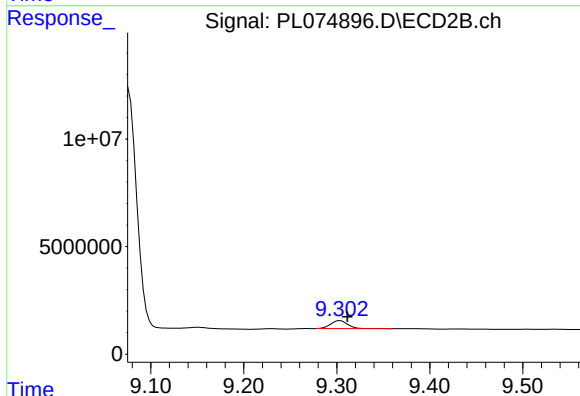
#21 Endrin ketone

R.T.: 10.172 min
Delta R.T.: -0.006 min
Response: 1892930
Conc: 3.69 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

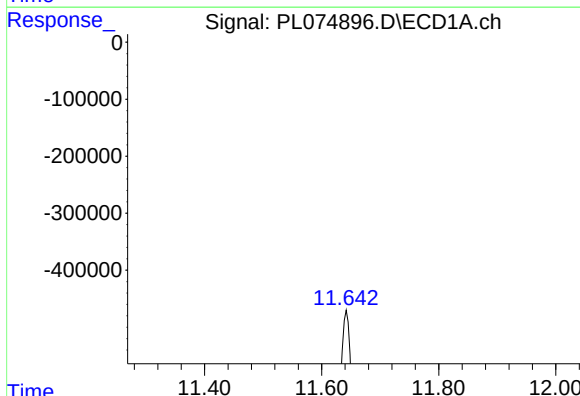
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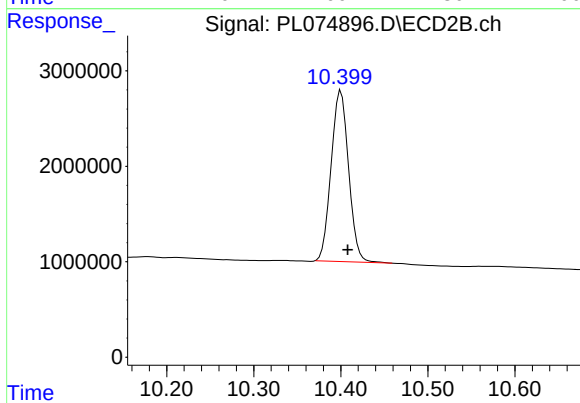
#21 Endrin ketone

R.T.: 9.304 min
Delta R.T.: -0.008 min
Response: 4754592
Conc: 4.26 ng/ml



#28 Decachlorobiphenyl

R.T.: 11.643 min
Delta R.T.: -0.008 min
Response: 10444443
Conc: 23.39 ng/ml



#28 Decachlorobiphenyl

R.T.: 10.400 min
Delta R.T.: -0.008 min
Response: 24994747
Conc: 24.35 ng/ml