

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL052022\
 Data File : PL074876.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 20 May 2022 11:03
 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 00:55:48 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...	5.653	4.651	10558930	27285884	20.796	19.880
28)	SA Decachlor...	11.651	10.404	10495107	25028571	23.501	24.384
Target Compounds							
2)	A alpha-BHC	6.237	5.354	6511306	16347731	9.517	9.714
3)	MA gamma-BHC...	6.635	5.775	6990210	16564957	10.829	10.025
6)	B beta-BHC	6.886	6.152	3157262	9145206	10.579	11.518
12)	B 4,4'-DDE	8.667	7.640	121620	337117	0.263m	0.286m
14)	MA Endrin	9.070	8.062	21322885	56772996	51.671	53.747
16)	A 4,4'-DDD	9.209	8.225	2241868	9114109	4.959	9.252m#
17)	MA 4,4'-DDT	9.529	8.487	43495161	106.1E6	94.631	106.058
18)	B Endrin al...	9.437	8.561	564504	1658193	1.595m	2.076 #
20)	A Methoxychlor	10.014	9.080	60085527	139.7E6	245.335	238.967
21)	B Endrin ke...	10.179	9.308	2642215	4768477	5.152	4.277

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

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Acq On : 20 May 2022 11:03
Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

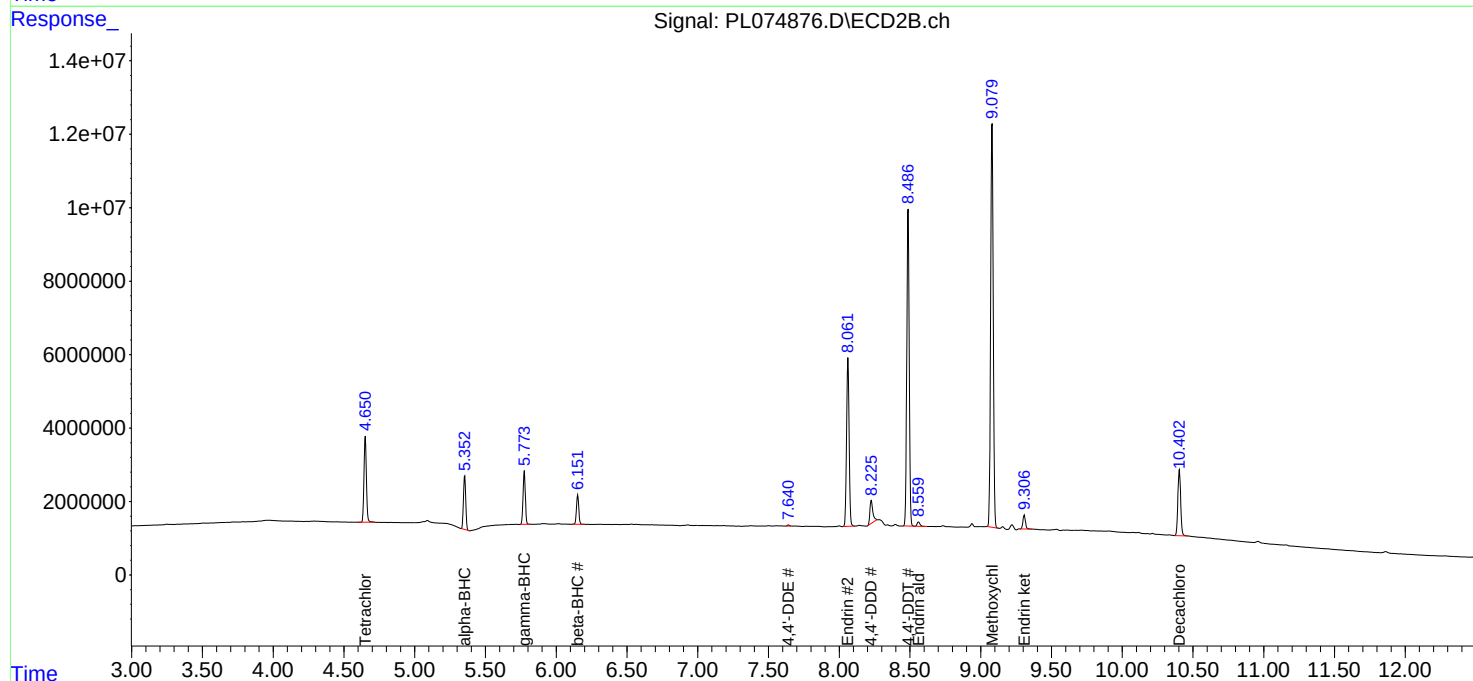
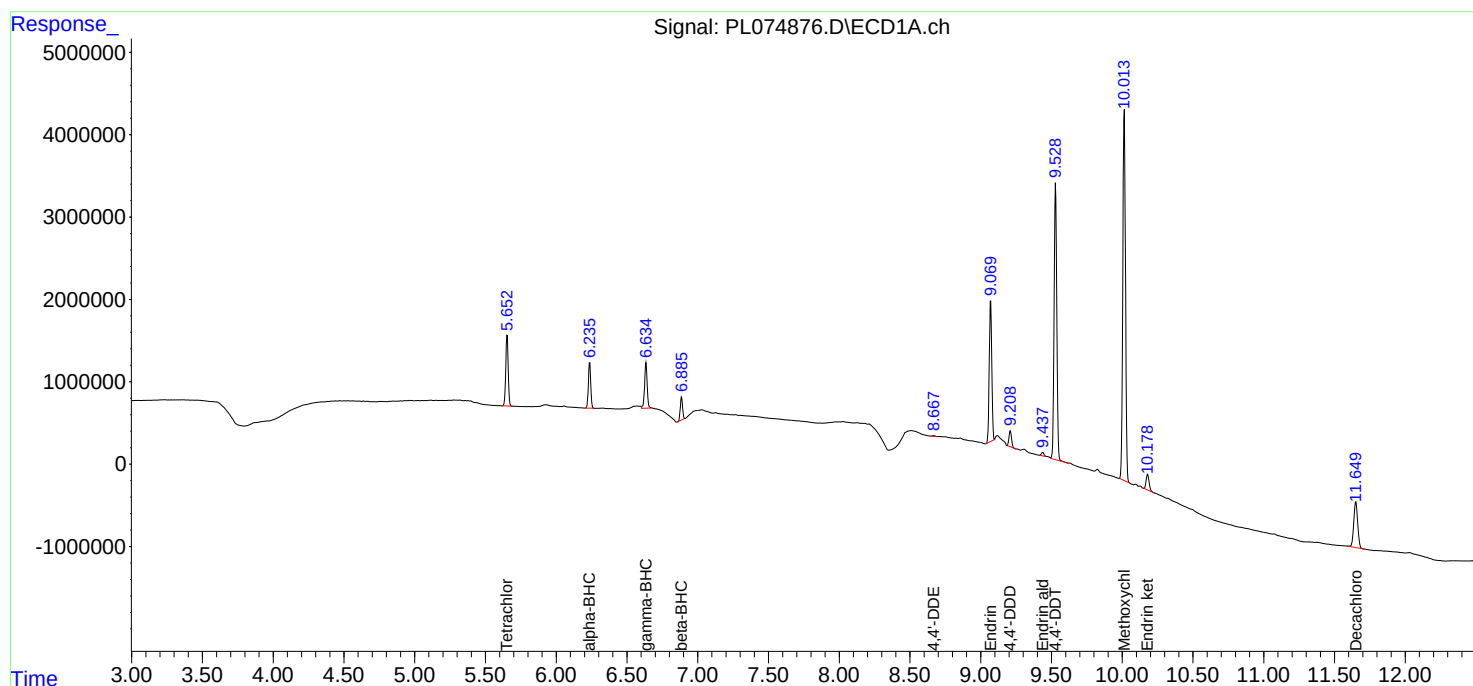
Instrument :
ECD_L
ClientSampleId :
PEM

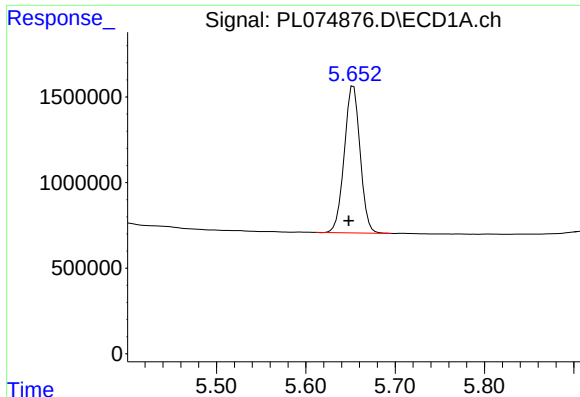
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Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
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Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL051122.M
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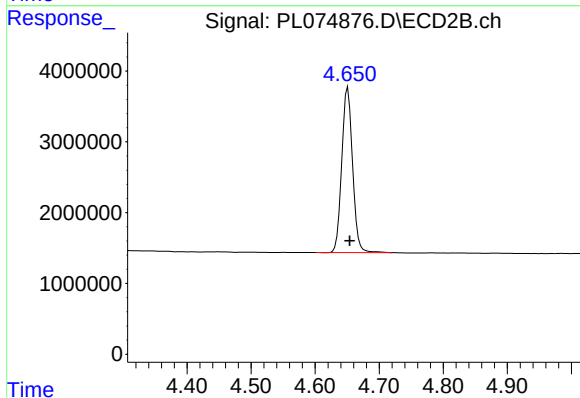
#1 Tetrachloro-m-xylene

R.T.: 5.653 min
Delta R.T.: 0.005 min
Response: 10558930
Conc: 20.80 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

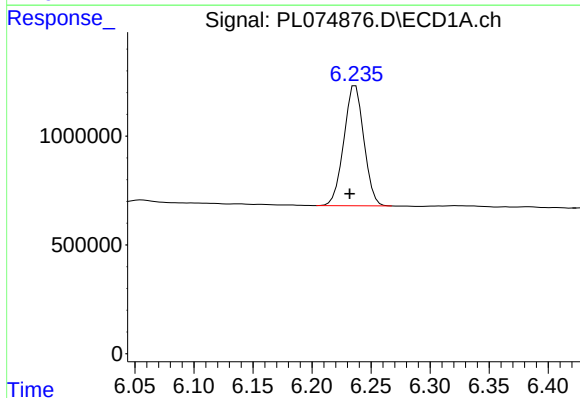
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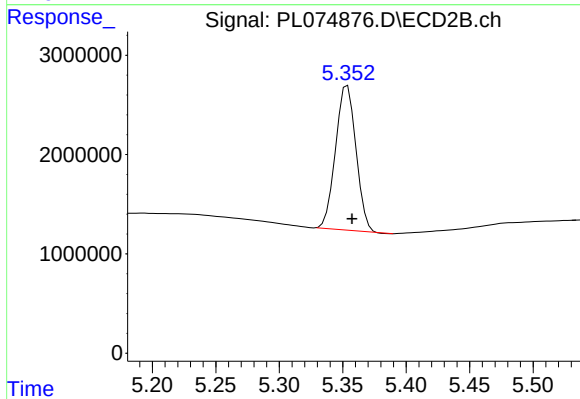
#1 Tetrachloro-m-xylene

R.T.: 4.651 min
Delta R.T.: -0.003 min
Response: 27285884
Conc: 19.88 ng/ml



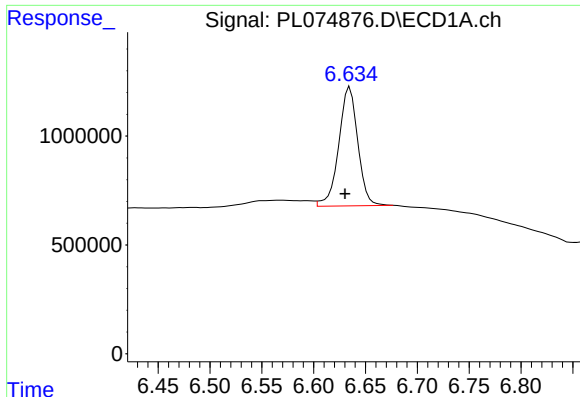
#2 alpha-BHC

R.T.: 6.237 min
Delta R.T.: 0.005 min
Response: 6511306
Conc: 9.52 ng/ml



#2 alpha-BHC

R.T.: 5.354 min
Delta R.T.: -0.003 min
Response: 16347731
Conc: 9.71 ng/ml



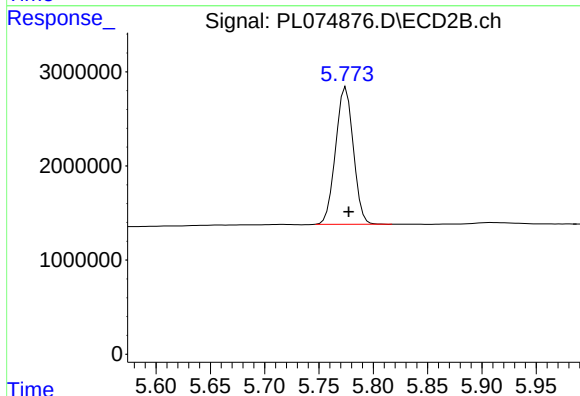
#3 gamma-BHC (Lindane)

R.T.: 6.635 min
Delta R.T.: 0.004 min
Response: 6990210
Conc: 10.83 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

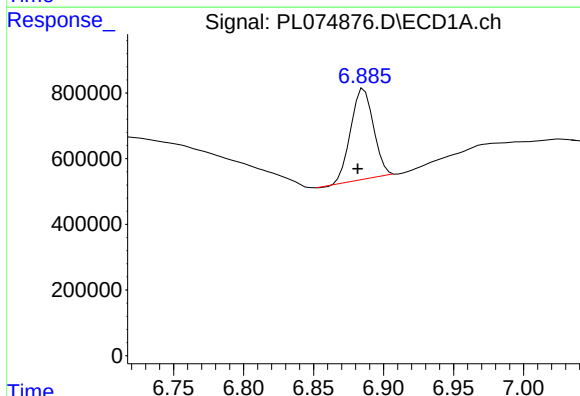
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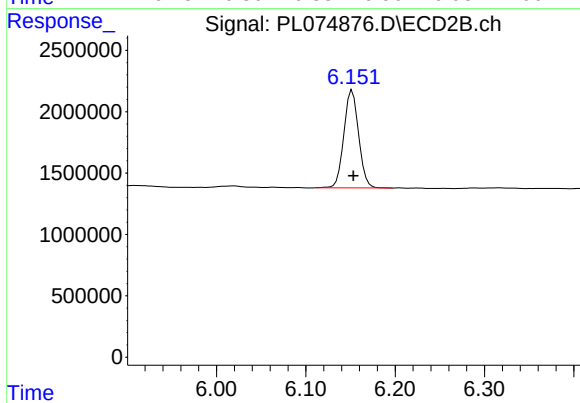
#3 gamma-BHC (Lindane)

R.T.: 5.775 min
Delta R.T.: -0.003 min
Response: 16564957
Conc: 10.02 ng/ml



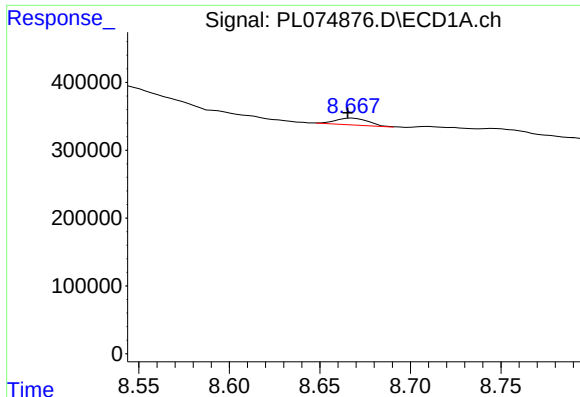
#6 beta-BHC

R.T.: 6.886 min
Delta R.T.: 0.005 min
Response: 3157262
Conc: 10.58 ng/ml



#6 beta-BHC

R.T.: 6.152 min
Delta R.T.: -0.002 min
Response: 9145206
Conc: 11.52 ng/ml



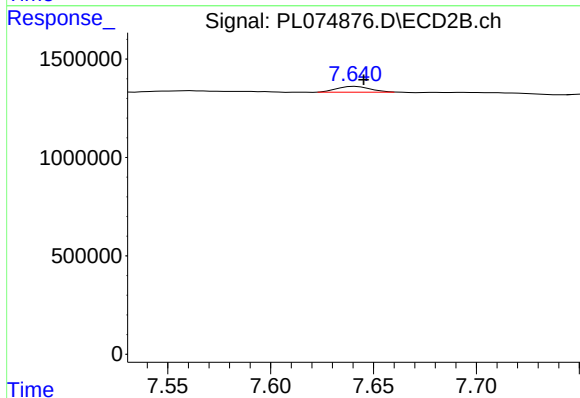
#12 4,4'-DDE

R.T.: 8.667 min
Delta R.T.: 0.002 min
Response: 121620
Conc: 0.26 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

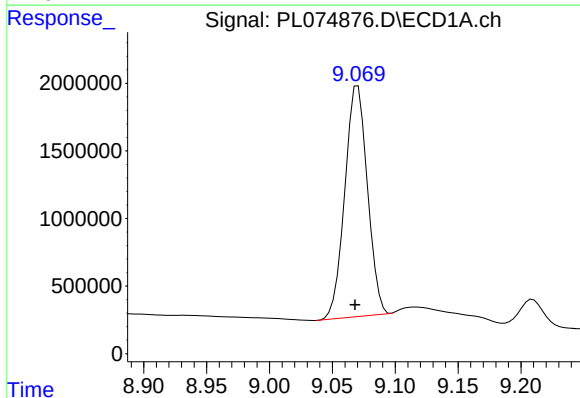
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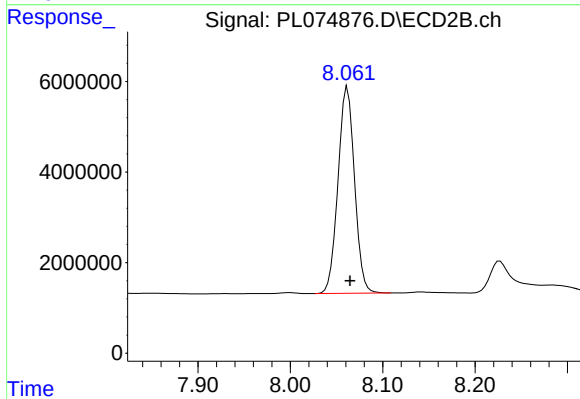
#12 4,4'-DDE

R.T.: 7.640 min
Delta R.T.: -0.006 min
Response: 337117
Conc: 0.29 ng/ml m



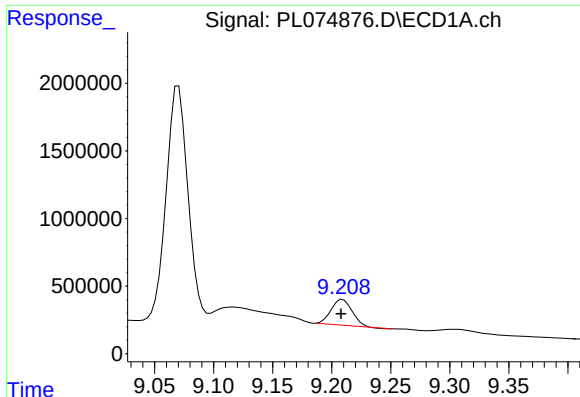
#14 Endrin

R.T.: 9.070 min
Delta R.T.: 0.002 min
Response: 21322885
Conc: 51.67 ng/ml



#14 Endrin

R.T.: 8.062 min
Delta R.T.: -0.003 min
Response: 56772996
Conc: 53.75 ng/ml



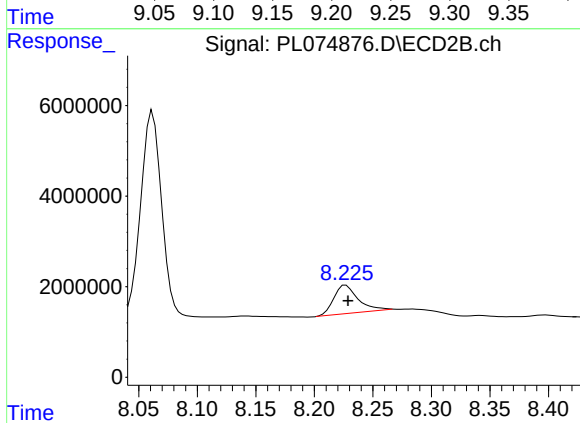
#16 4,4'-DDD

R.T.: 9.209 min
Delta R.T.: 0.002 min
Response: 2241868
Conc: 4.96 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

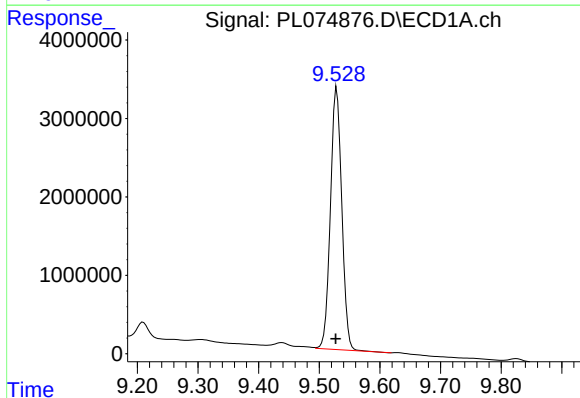
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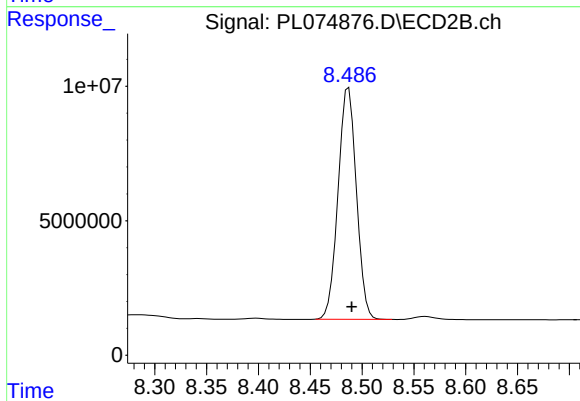
#16 4,4'-DDD

R.T.: 8.225 min
Delta R.T.: -0.003 min
Response: 9114109
Conc: 9.25 ng/ml m



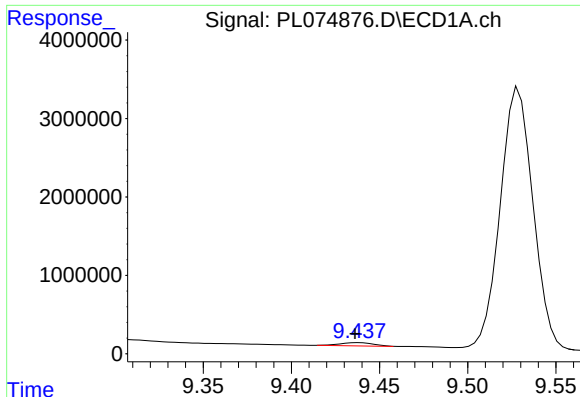
#17 4,4'-DDT

R.T.: 9.529 min
Delta R.T.: 0.002 min
Response: 43495161
Conc: 94.63 ng/ml



#17 4,4'-DDT

R.T.: 8.487 min
Delta R.T.: -0.003 min
Response: 106112927
Conc: 106.06 ng/ml



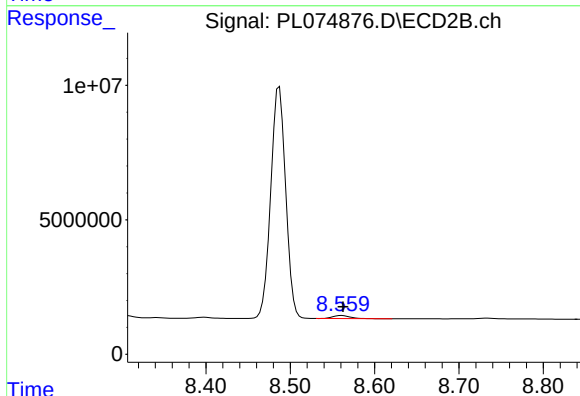
#18 Endrin aldehyde

R.T.: 9.437 min
Delta R.T.: 0.000 min
Response: 564504
Conc: 1.60 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

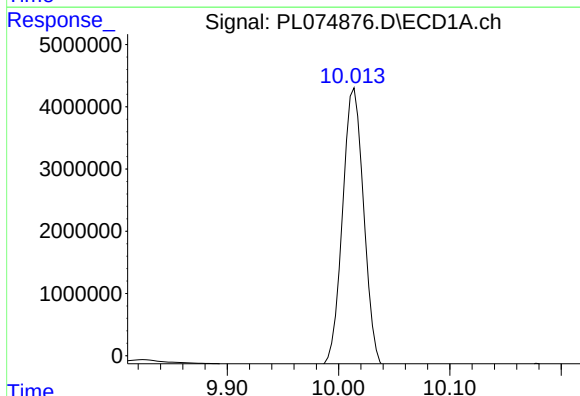
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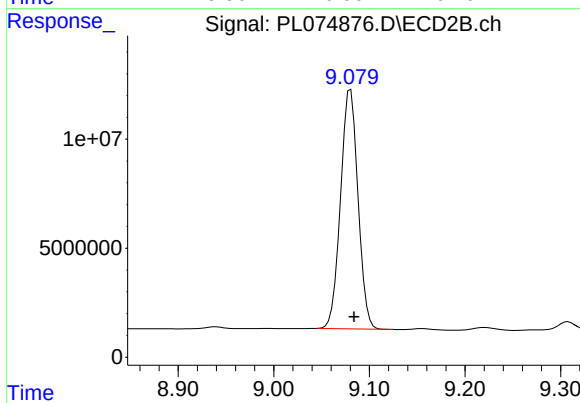
#18 Endrin aldehyde

R.T.: 8.561 min
Delta R.T.: -0.002 min
Response: 1658193
Conc: 2.08 ng/ml



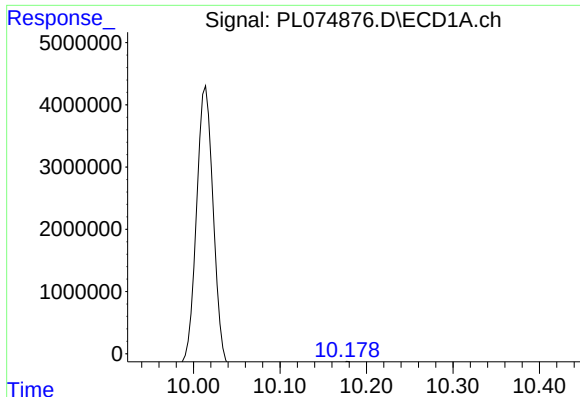
#20 Methoxychlor

R.T.: 10.014 min
Delta R.T.: 0.001 min
Response: 60085527
Conc: 245.33 ng/ml



#20 Methoxychlor

R.T.: 9.080 min
Delta R.T.: -0.004 min
Response: 139650761
Conc: 238.97 ng/ml



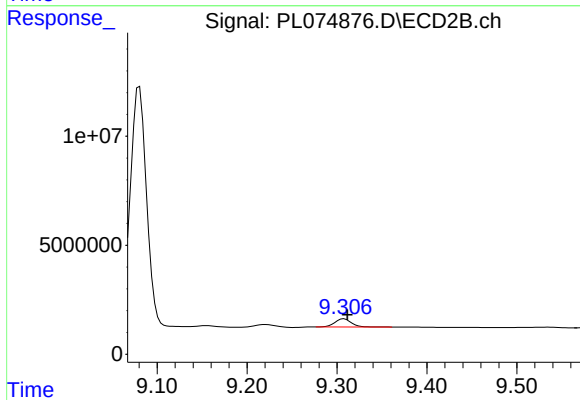
#21 Endrin ketone

R.T.: 10.179 min
Delta R.T.: 0.002 min
Response: 2642215
Conc: 5.15 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

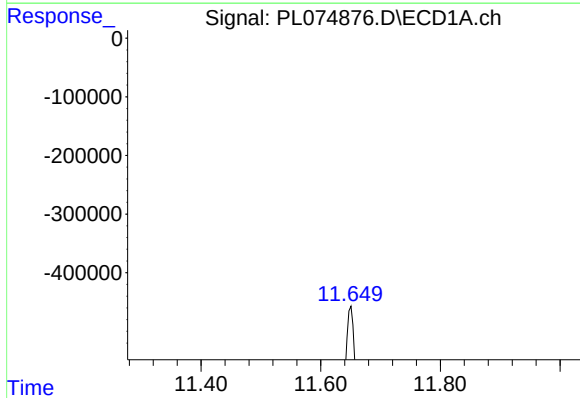
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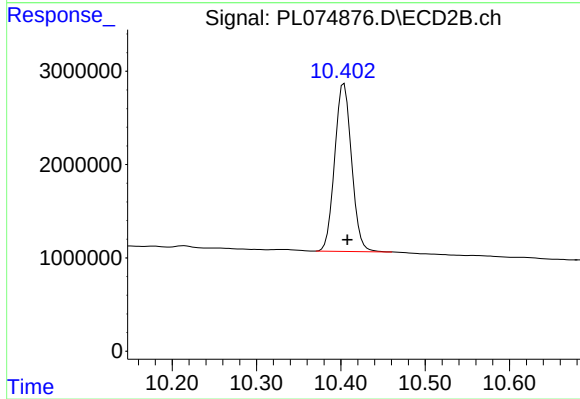
#21 Endrin ketone

R.T.: 9.308 min
Delta R.T.: -0.004 min
Response: 4768477
Conc: 4.28 ng/ml



#28 Decachlorobiphenyl

R.T.: 11.651 min
Delta R.T.: 0.000 min
Response: 10495107
Conc: 23.50 ng/ml



#28 Decachlorobiphenyl

R.T.: 10.404 min
Delta R.T.: -0.004 min
Response: 25028571
Conc: 24.38 ng/ml