

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL051722\
 Data File : PL074756.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 17 May 2022 17:40
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 05/18/2022
 Supervised By : mohammad ahmed 05/19/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 18 06:46:37 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...	5.647	4.652	11715855	30990128	23.075	22.579
28)	SA Decachlor...	11.647	10.405	11453623	27304557	25.647	26.602
Target Compounds							
2)	A alpha-BHC	6.230	5.354	7327522	18693967	10.710	11.108
3)	MA gamma-BHC...	6.629	5.774	7151775	19063817	11.079	11.537
6)	B beta-BHC	6.880	6.151	3689360	10970440	12.362	13.817
12)	B 4,4'-DDE	8.662	7.641	168307	480050	0.364m	0.408
14)	MA Endrin	9.067	8.062	25005626	63413300	60.596	60.033
16)	A 4,4'-DDD	9.205	8.225	2364186	5735453	5.229	5.822
17)	MA 4,4'-DDT	9.526	8.487	49033215	118.9E6	106.679	118.865
18)	B Endrin al...	9.433	8.560	919692	2515223	2.599m	3.149
20)	A Methoxychlor	10.011	9.080	65525642	152.5E6	267.547	261.027
21)	B Endrin ke...	10.175	9.308	1888953	5450669	3.683	4.889 #

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL051722\
Data File : PL074756.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 17 May 2022 17:40
Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

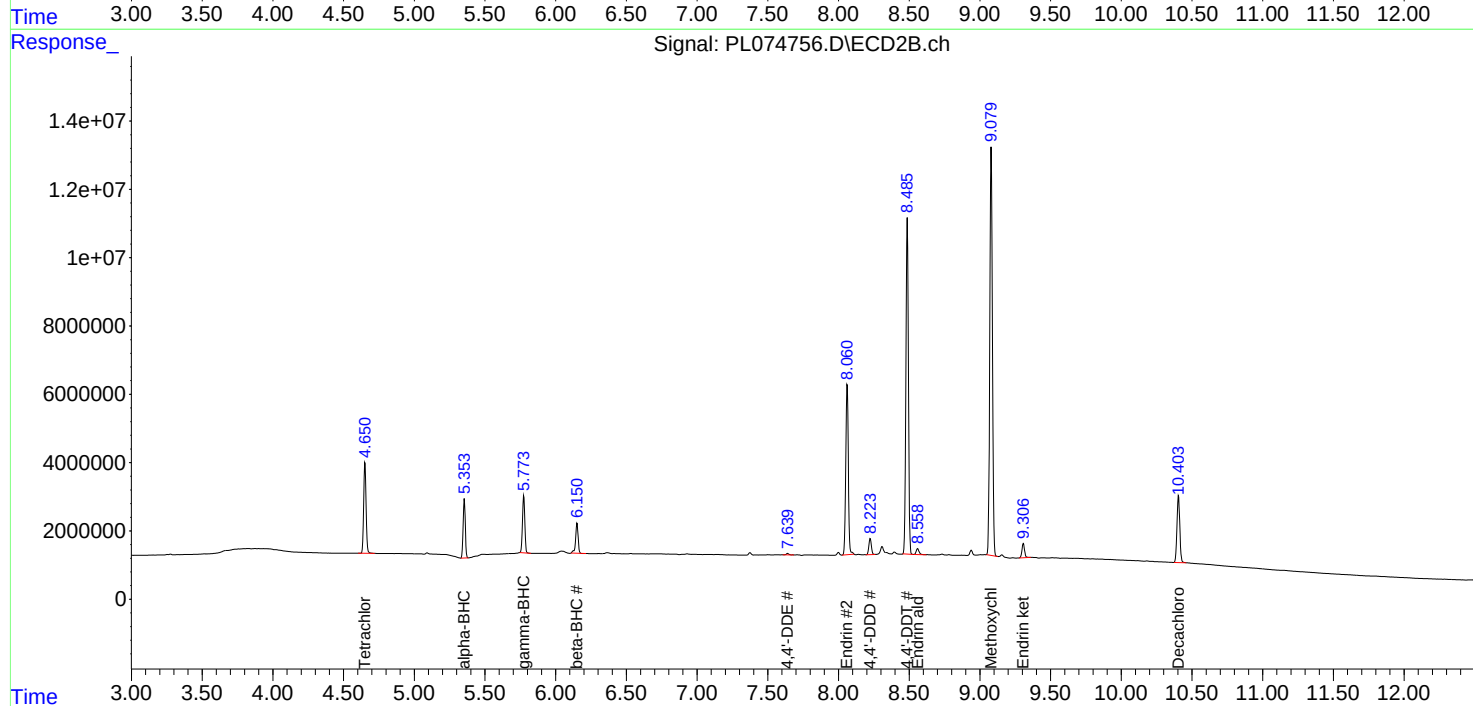
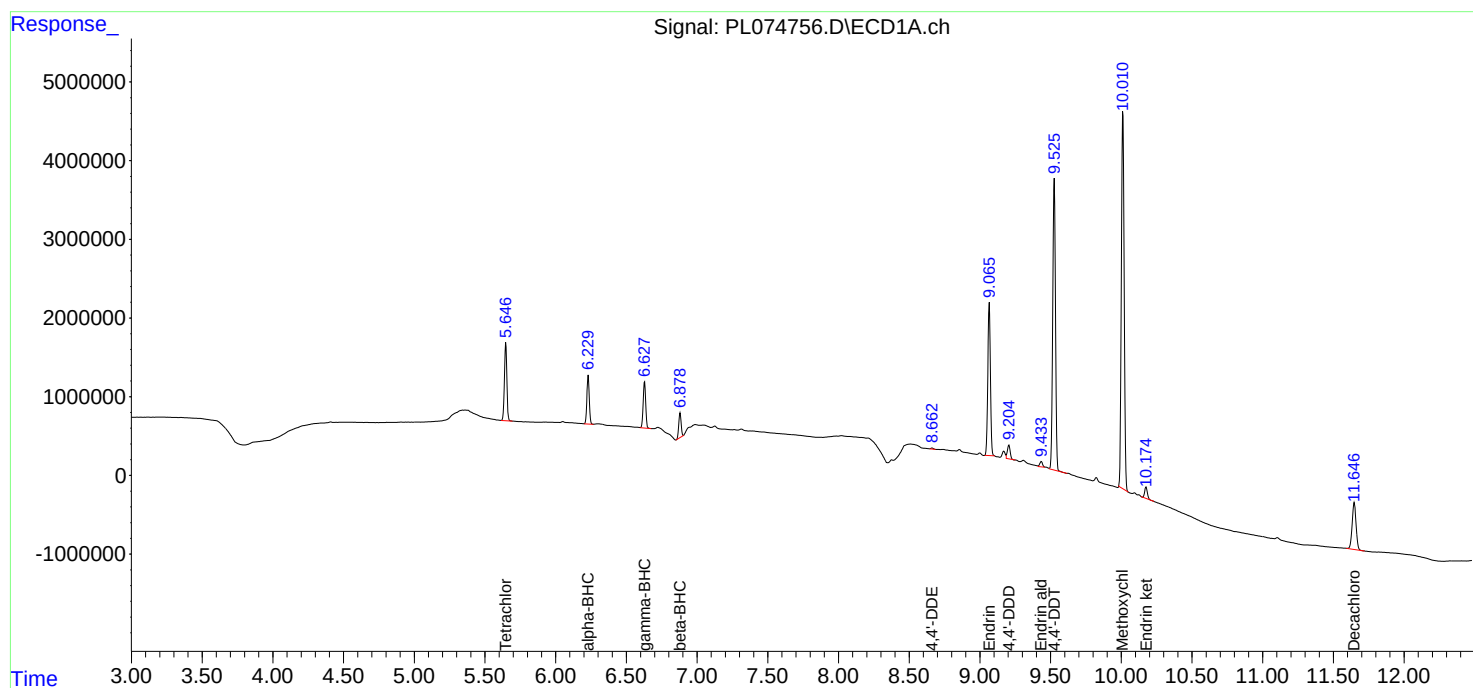
Instrument :
ECD_L
ClientSampleId :
PEM

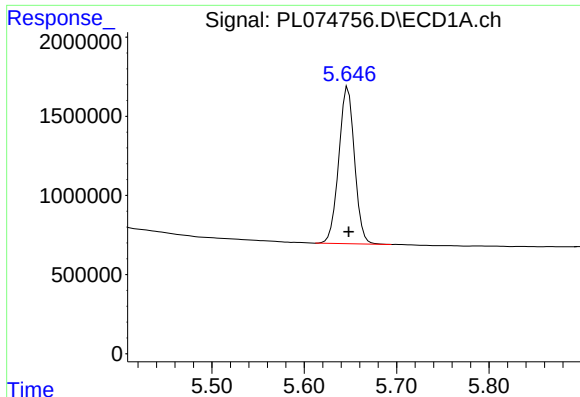
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Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 18 06:46:37 2022
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL051122.M
Quant Title : GC Extractables
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Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x0.5µm





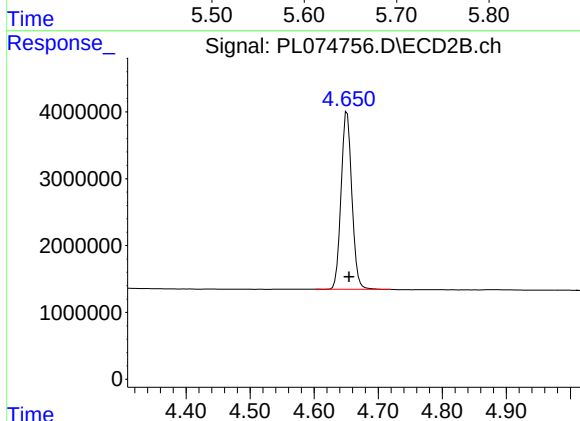
#1 Tetrachloro-m-xylene

R.T.: 5.647 min
Delta R.T.: 0.000 min
Response: 11715855
Conc: 23.07 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

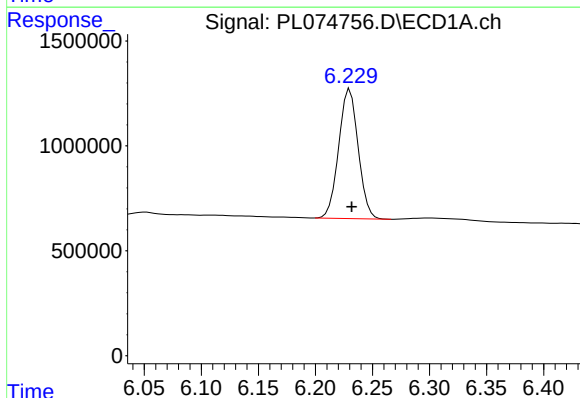
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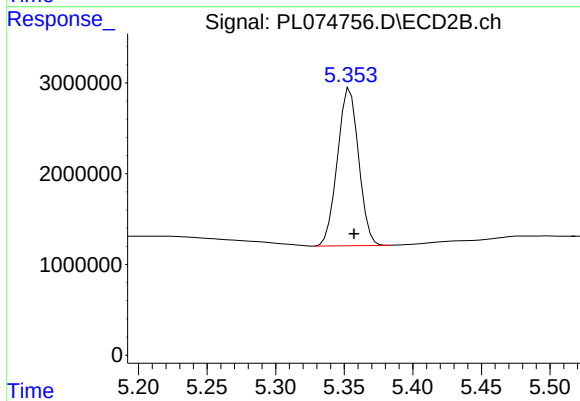
#1 Tetrachloro-m-xylene

R.T.: 4.652 min
Delta R.T.: -0.003 min
Response: 30990128
Conc: 22.58 ng/ml



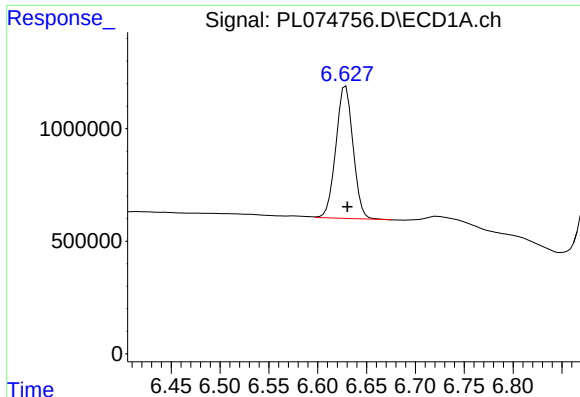
#2 alpha-BHC

R.T.: 6.230 min
Delta R.T.: -0.002 min
Response: 7327522
Conc: 10.71 ng/ml



#2 alpha-BHC

R.T.: 5.354 min
Delta R.T.: -0.003 min
Response: 18693967
Conc: 11.11 ng/ml



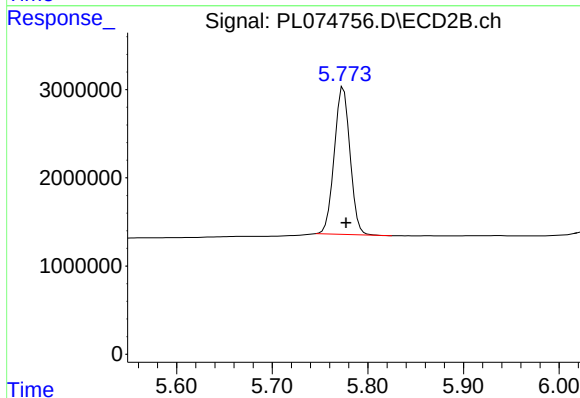
#3 gamma-BHC (Lindane)

R.T.: 6.629 min
Delta R.T.: -0.002 min
Response: 7151775
Conc: 11.08 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

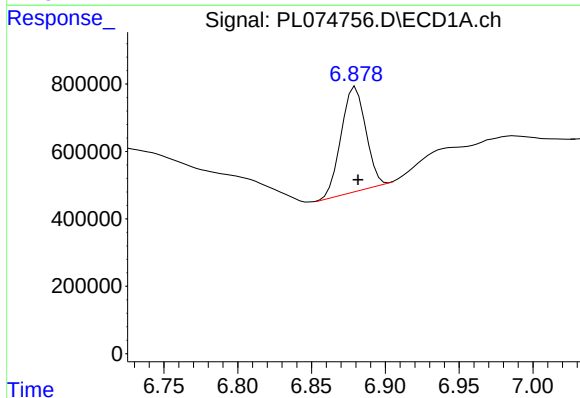
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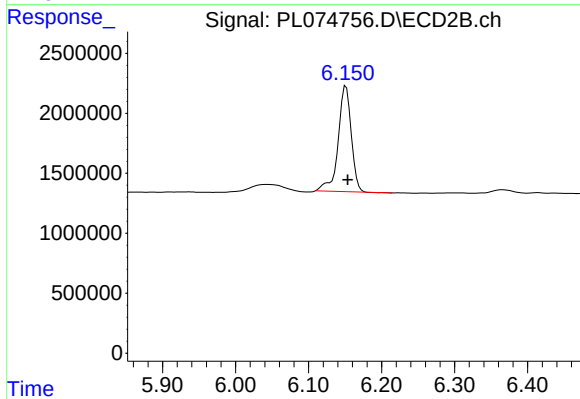
#3 gamma-BHC (Lindane)

R.T.: 5.774 min
Delta R.T.: -0.003 min
Response: 19063817
Conc: 11.54 ng/ml



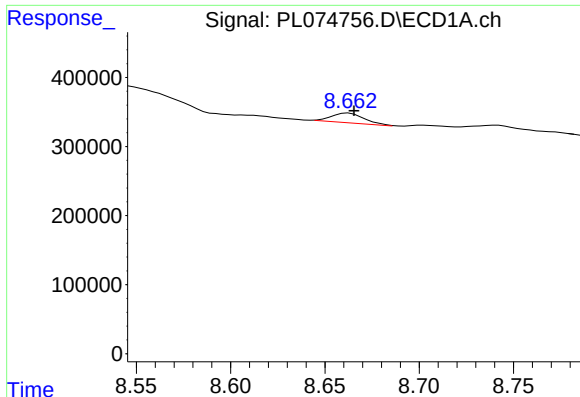
#6 beta-BHC

R.T.: 6.880 min
Delta R.T.: -0.002 min
Response: 3689360
Conc: 12.36 ng/ml



#6 beta-BHC

R.T.: 6.151 min
Delta R.T.: -0.002 min
Response: 10970440
Conc: 13.82 ng/ml



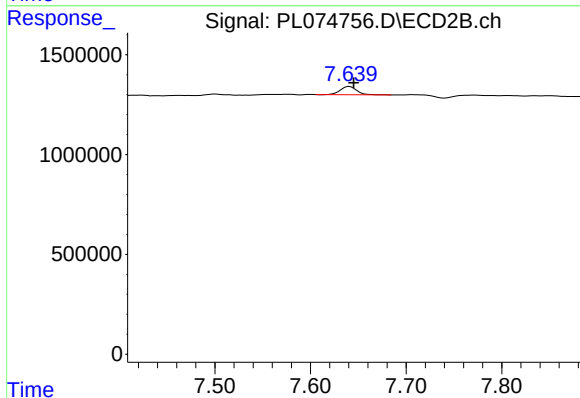
#12 4,4'-DDE

R.T.: 8.662 min
Delta R.T.: -0.003 min
Response: 168307
Conc: 0.36 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

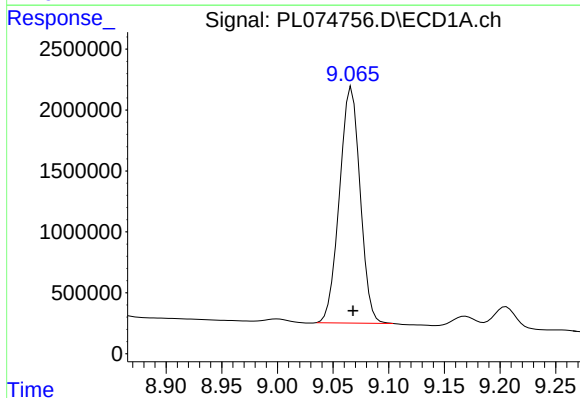
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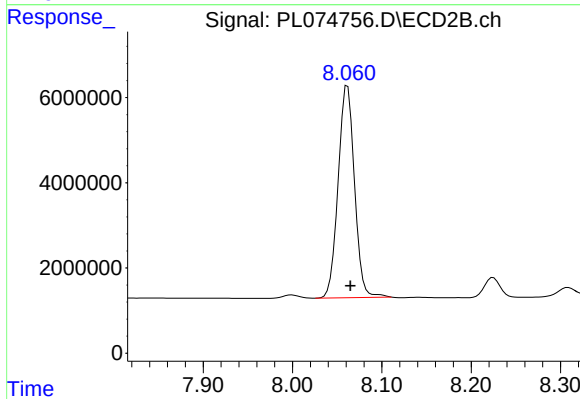
#12 4,4'-DDE

R.T.: 7.641 min
Delta R.T.: -0.004 min
Response: 480050
Conc: 0.41 ng/ml



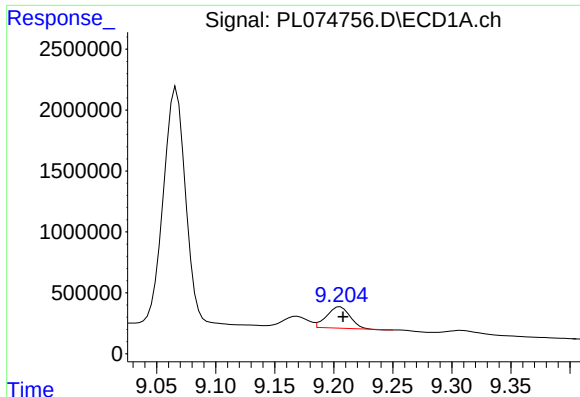
#14 Endrin

R.T.: 9.067 min
Delta R.T.: -0.001 min
Response: 25005626
Conc: 60.60 ng/ml



#14 Endrin

R.T.: 8.062 min
Delta R.T.: -0.003 min
Response: 63413300
Conc: 60.03 ng/ml



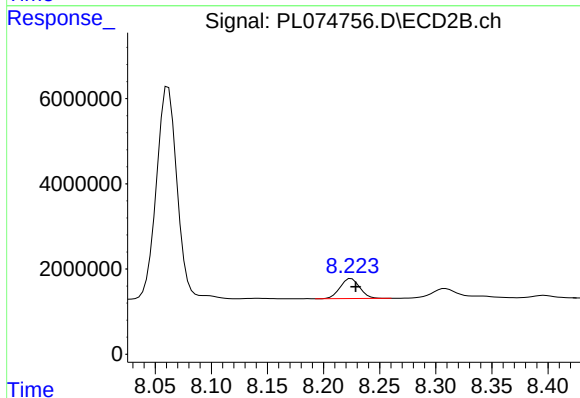
#16 4,4'-DDD

R.T.: 9.205 min
Delta R.T.: -0.002 min
Response: 2364186
Conc: 5.23 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

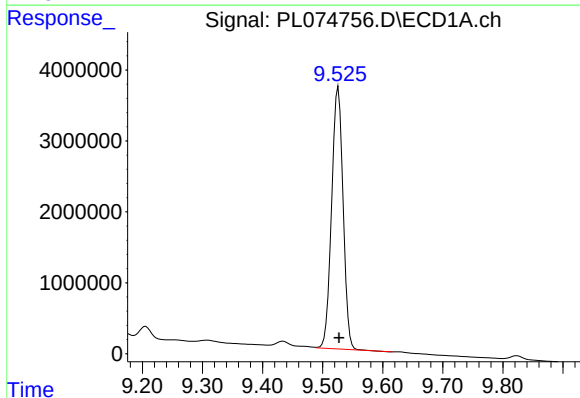
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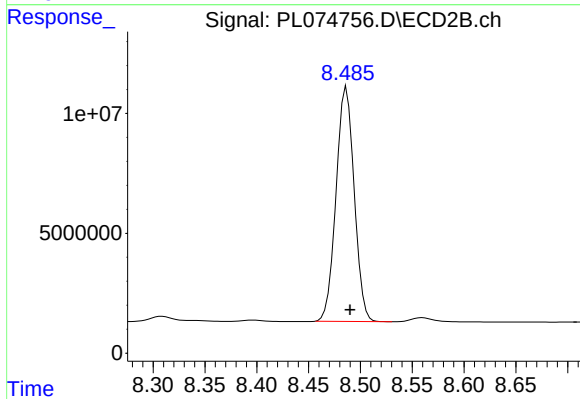
#16 4,4'-DDD

R.T.: 8.225 min
Delta R.T.: -0.004 min
Response: 5735453
Conc: 5.82 ng/ml



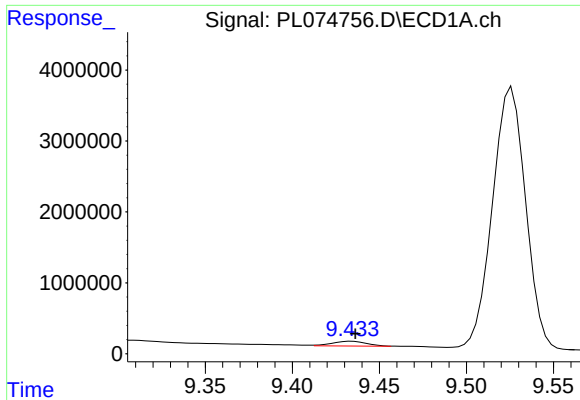
#17 4,4'-DDT

R.T.: 9.526 min
Delta R.T.: -0.001 min
Response: 49033215
Conc: 106.68 ng/ml



#17 4,4'-DDT

R.T.: 8.487 min
Delta R.T.: -0.003 min
Response: 118926424
Conc: 118.87 ng/ml



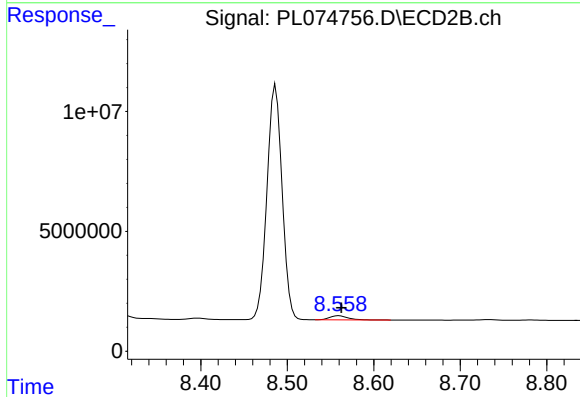
#18 Endrin aldehyde

R.T.: 9.433 min
Delta R.T.: -0.003 min
Response: 919692
Conc: 2.60 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

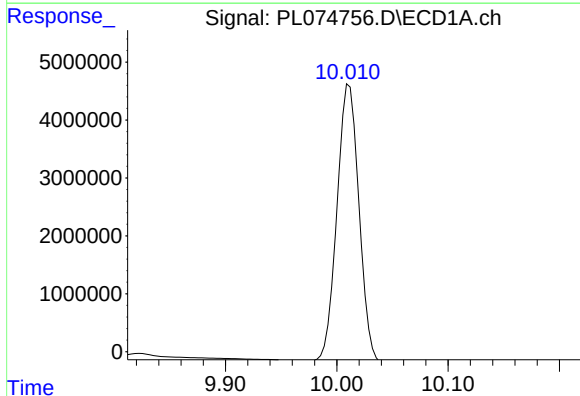
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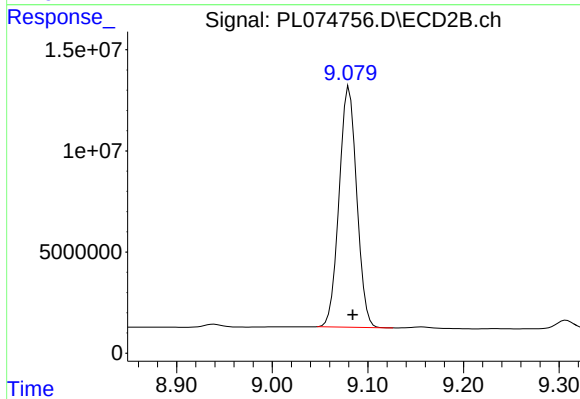
#18 Endrin aldehyde

R.T.: 8.560 min
Delta R.T.: -0.003 min
Response: 2515223
Conc: 3.15 ng/ml



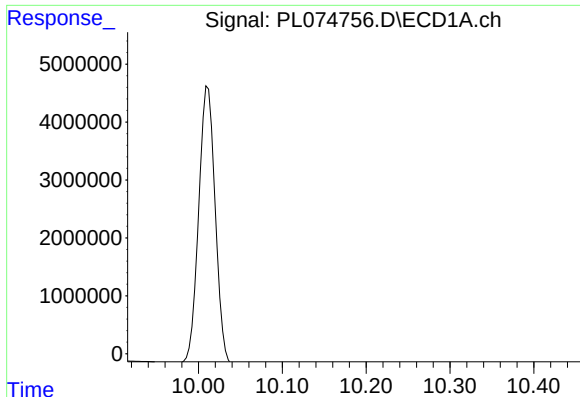
#20 Methoxychlor

R.T.: 10.011 min
Delta R.T.: -0.002 min
Response: 65525642
Conc: 267.55 ng/ml



#20 Methoxychlor

R.T.: 9.080 min
Delta R.T.: -0.004 min
Response: 152542029
Conc: 261.03 ng/ml



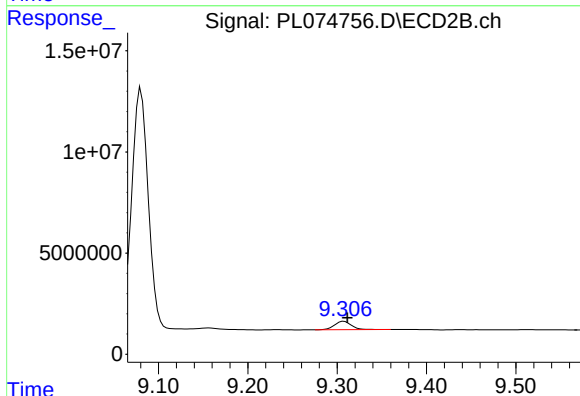
#21 Endrin ketone

R.T.: 10.175 min
Delta R.T.: -0.002 min
Response: 1888953
Conc: 3.68 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

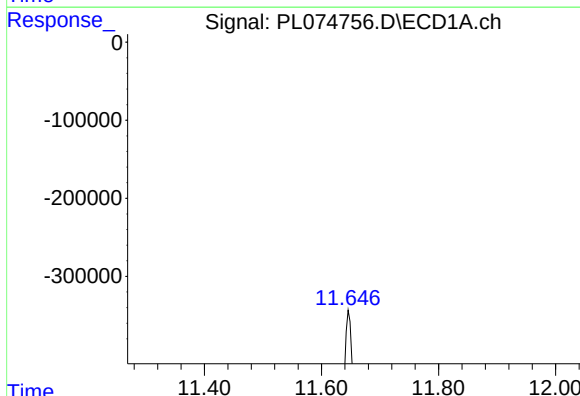
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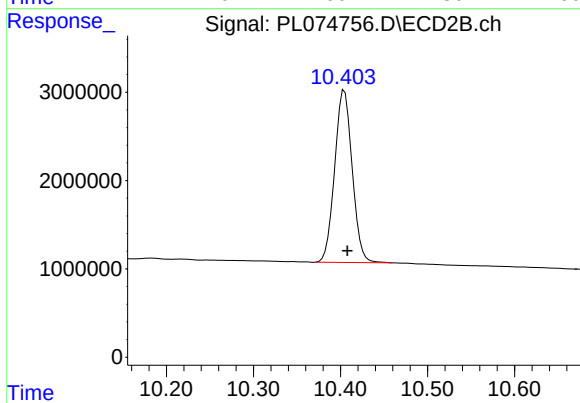
#21 Endrin ketone

R.T.: 9.308 min
Delta R.T.: -0.004 min
Response: 5450669
Conc: 4.89 ng/ml



#28 Decachlorobiphenyl

R.T.: 11.647 min
Delta R.T.: -0.004 min
Response: 11453623
Conc: 25.65 ng/ml



#28 Decachlorobiphenyl

R.T.: 10.405 min
Delta R.T.: -0.003 min
Response: 27304557
Conc: 26.60 ng/ml