

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL041522\
 Data File : PL074126.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 15 Apr 2022 20:49
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 04/18/2022
 Supervised By :mohammad ahmed 04/18/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 16 03:44:36 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL040822.M
 Quant Title : GC Extractables
 QLast Update : Thu Apr 14 09:29:23 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...	4.637	5.490	7685417	41495649	23.786	23.273
28)	SA Decachlor...	10.409	11.333	10852325	35822154	20.869	20.281
Target Compounds							
2)	A alpha-BHC	5.345	6.053	4397085	25784746	10.478	10.240
3)	MA gamma-BHC...	5.768	6.442	4546675	24930185	10.841	10.532
6)	B beta-BHC	6.149	6.680	2637390	13840529	12.908	12.281
12)	B 4,4'-DDE	7.642	8.462	164449	789339	0.451	0.396
14)	MA Endrin	8.062	8.846	21671161	93453442	53.346	55.178
16)	A 4,4'-DDD	8.228	8.989	3209481	16979998	9.939	11.036
17)	MA 4,4'-DDT	8.490	9.308	33501219	147.5E6	90.632	83.207
18)	B Endrin al...	8.563	9.201	368327	719331	1.138	0.557m#
20)	A Methoxychlor	9.084	9.787	53289165	203.2E6	214.643	211.223
21)	B Endrin ke...	9.311	9.929	1192055	2752054	2.440	1.590 #

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

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Acq On : 15 Apr 2022 20:49
Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

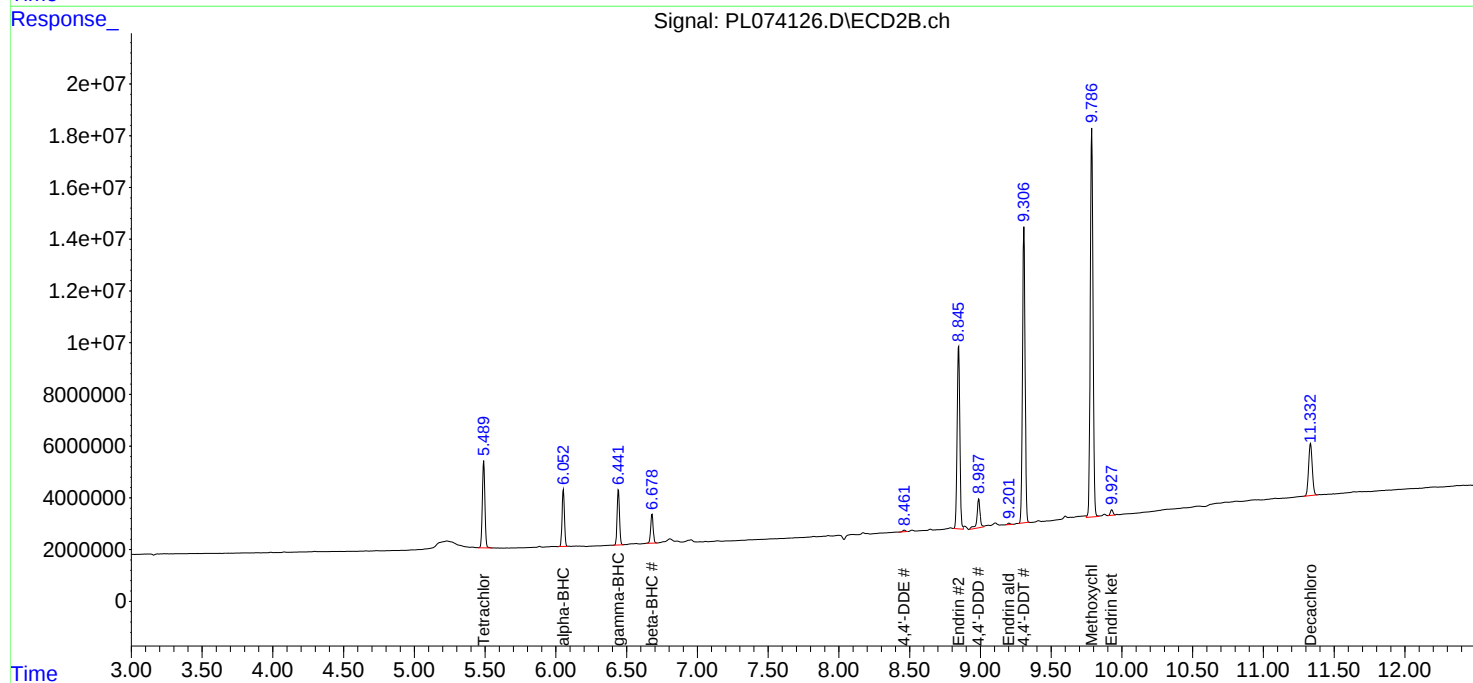
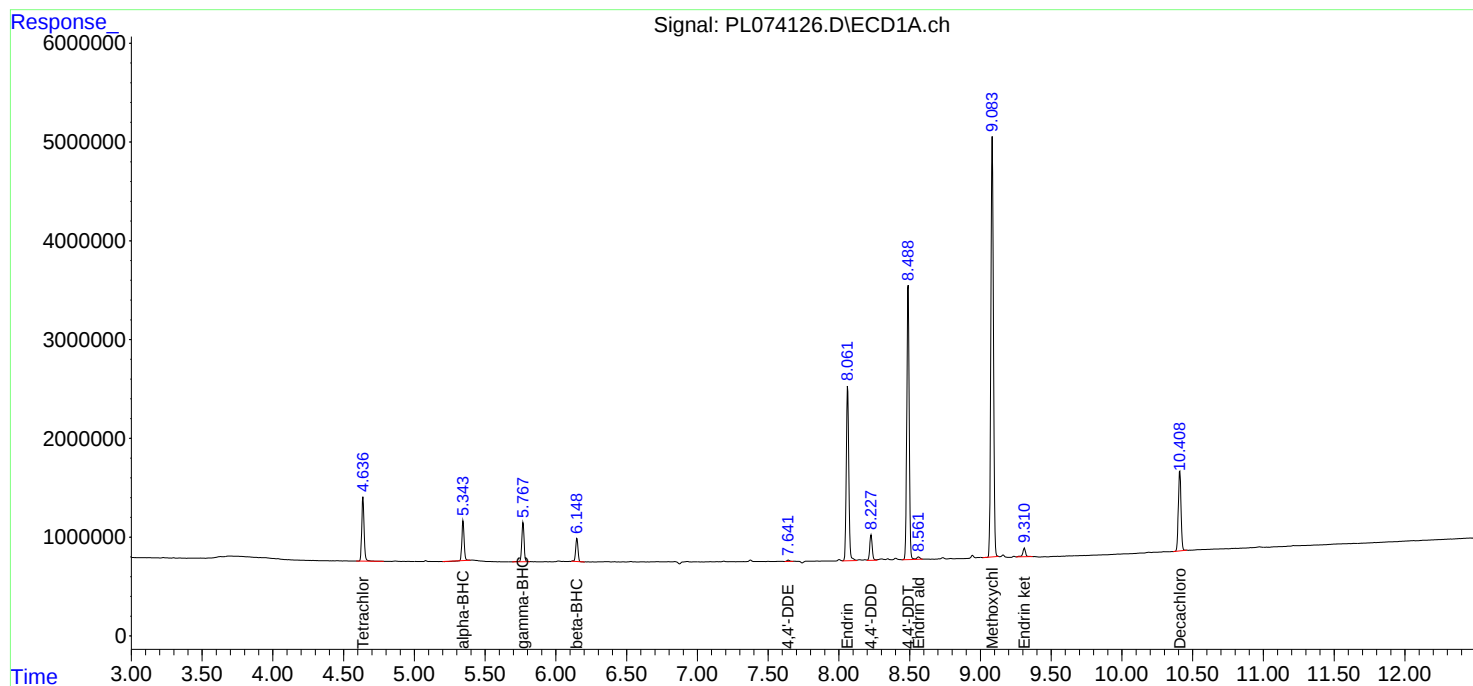
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ECD_L
ClientSampleId :
PEM

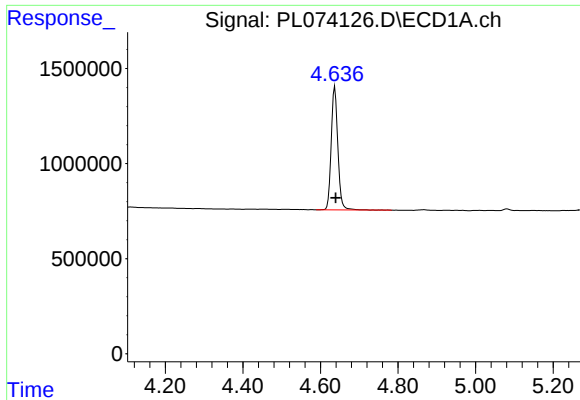
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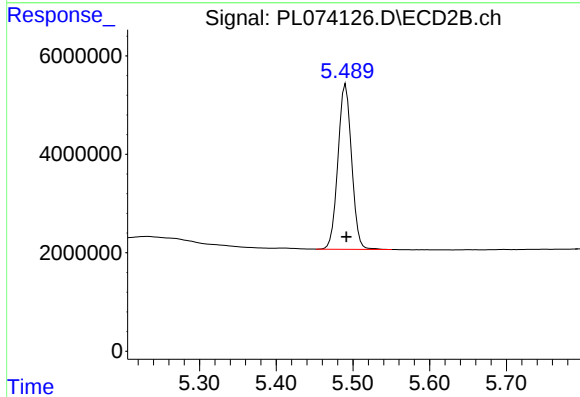
#1 Tetrachloro-m-xylene

R.T.: 4.637 min
Delta R.T.: -0.002 min
Response: 7685417
Conc: 23.79 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

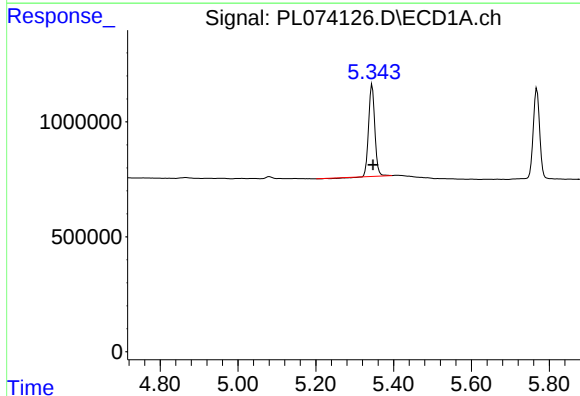
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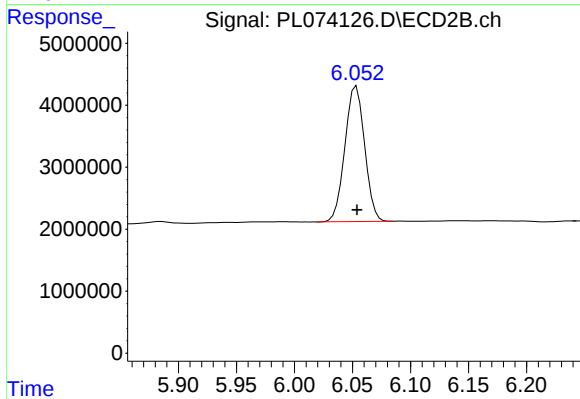
#1 Tetrachloro-m-xylene

R.T.: 5.490 min
Delta R.T.: 0.000 min
Response: 41495649
Conc: 23.27 ng/ml



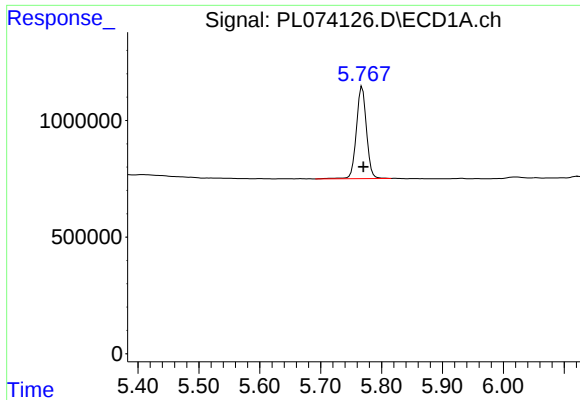
#2 alpha-BHC

R.T.: 5.345 min
Delta R.T.: -0.002 min
Response: 4397085
Conc: 10.48 ng/ml



#2 alpha-BHC

R.T.: 6.053 min
Delta R.T.: 0.000 min
Response: 25784746
Conc: 10.24 ng/ml



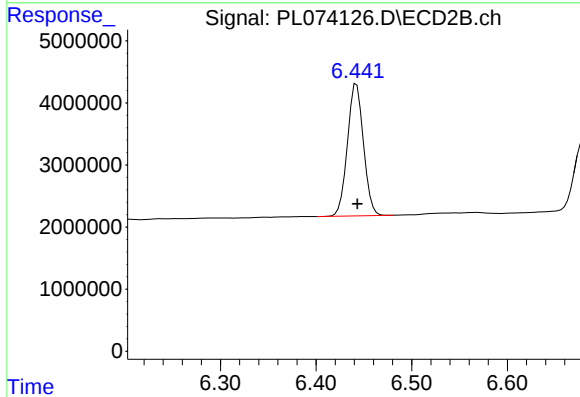
#3 gamma-BHC (Lindane)

R.T.: 5.768 min
Delta R.T.: -0.002 min
Response: 4546675
Conc: 10.84 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

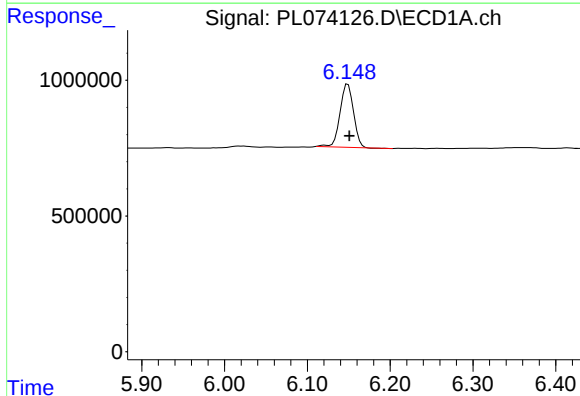
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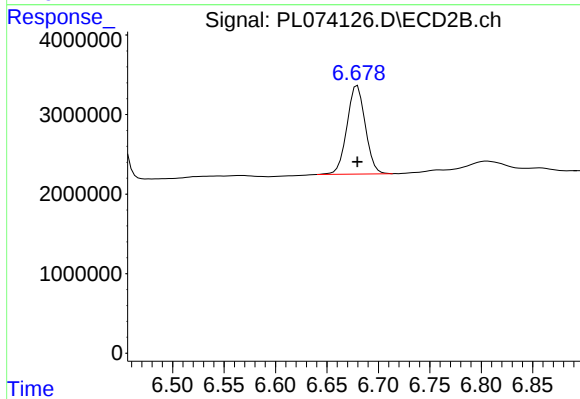
#3 gamma-BHC (Lindane)

R.T.: 6.442 min
Delta R.T.: 0.000 min
Response: 24930185
Conc: 10.53 ng/ml



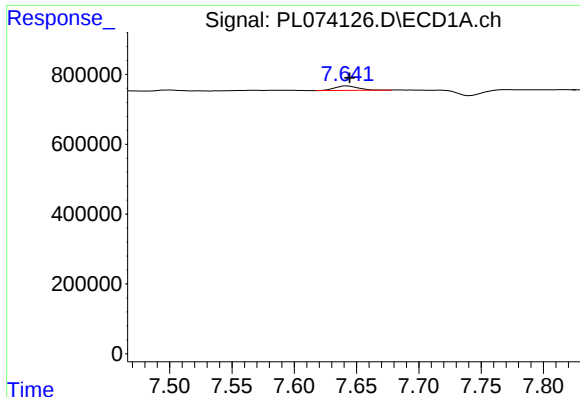
#6 beta-BHC

R.T.: 6.149 min
Delta R.T.: -0.002 min
Response: 2637390
Conc: 12.91 ng/ml



#6 beta-BHC

R.T.: 6.680 min
Delta R.T.: 0.000 min
Response: 13840529
Conc: 12.28 ng/ml



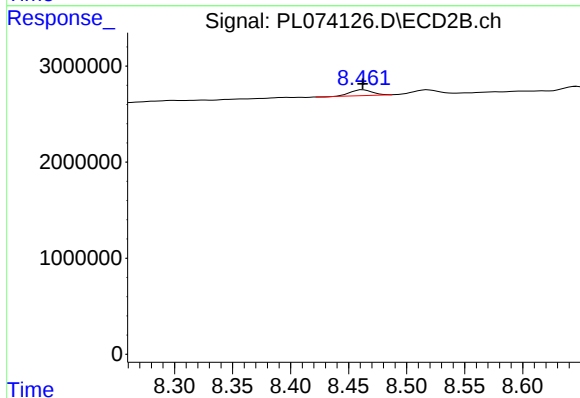
#12 4,4'-DDE

R.T.: 7.642 min
Delta R.T.: -0.002 min
Response: 164449
Conc: 0.45 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

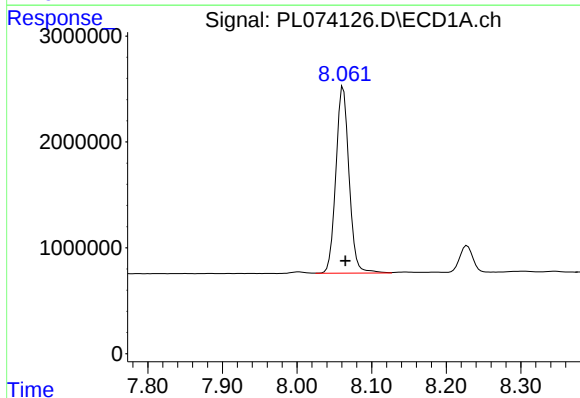
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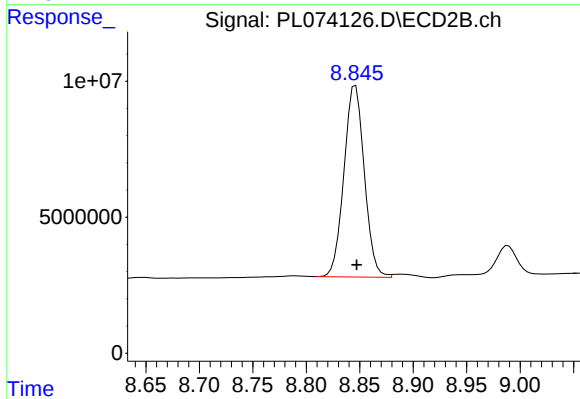
#12 4,4'-DDE

R.T.: 8.462 min
Delta R.T.: 0.000 min
Response: 789339
Conc: 0.40 ng/ml



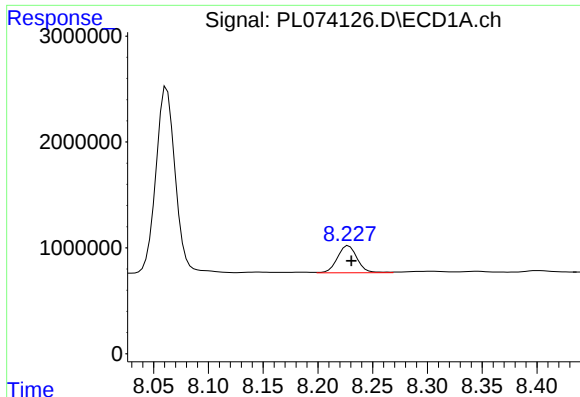
#14 Endrin

R.T.: 8.062 min
Delta R.T.: -0.003 min
Response: 21671161
Conc: 53.35 ng/ml



#14 Endrin

R.T.: 8.846 min
Delta R.T.: -0.001 min
Response: 93453442
Conc: 55.18 ng/ml



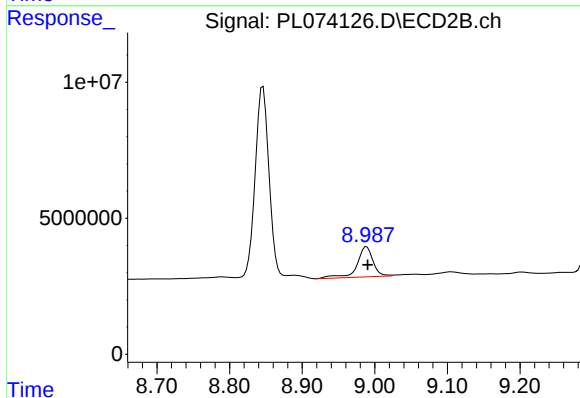
#16 4,4'-DDD

R.T.: 8.228 min
Delta R.T.: -0.003 min
Response: 3209481
Conc: 9.94 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

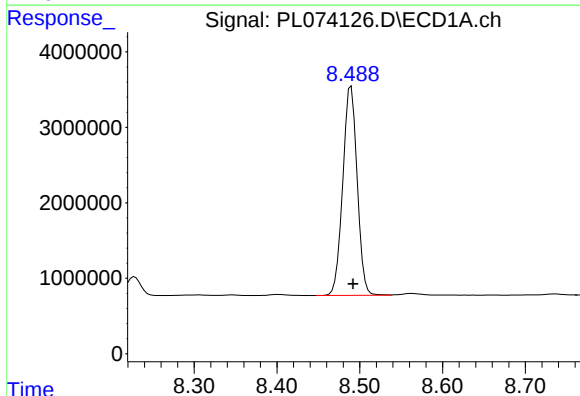
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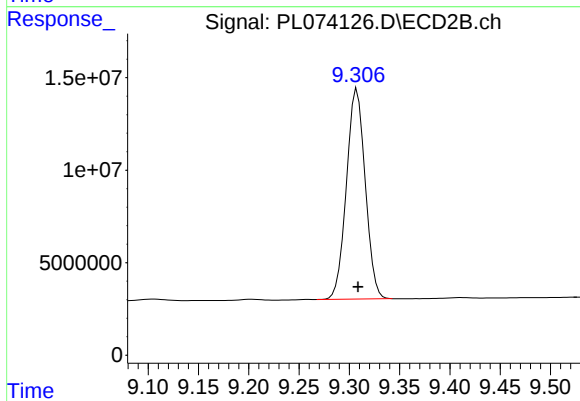
#16 4,4'-DDD

R.T.: 8.989 min
Delta R.T.: -0.001 min
Response: 16979998
Conc: 11.04 ng/ml



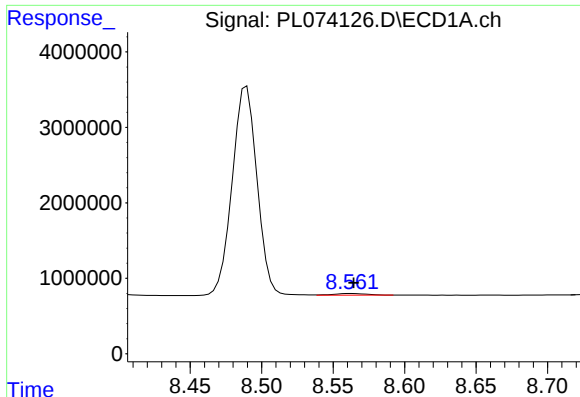
#17 4,4'-DDT

R.T.: 8.490 min
Delta R.T.: -0.003 min
Response: 33501219
Conc: 90.63 ng/ml



#17 4,4'-DDT

R.T.: 9.308 min
Delta R.T.: -0.001 min
Response: 147498067
Conc: 83.21 ng/ml



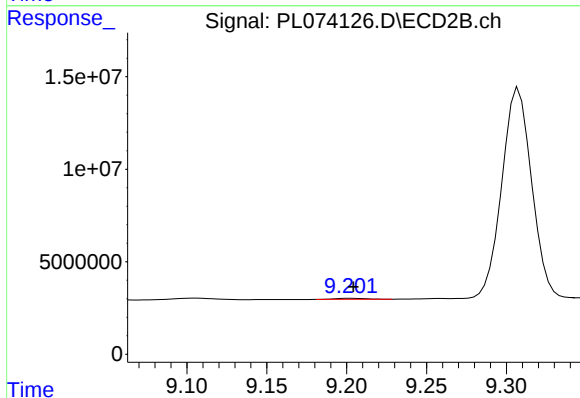
#18 Endrin aldehyde

R.T.: 8.563 min
Delta R.T.: -0.002 min
Response: 368327
Conc: 1.14 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

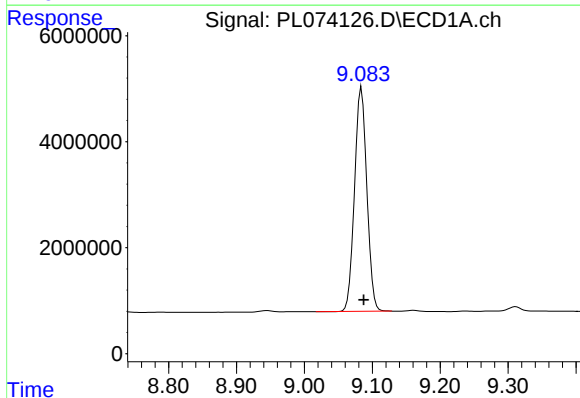
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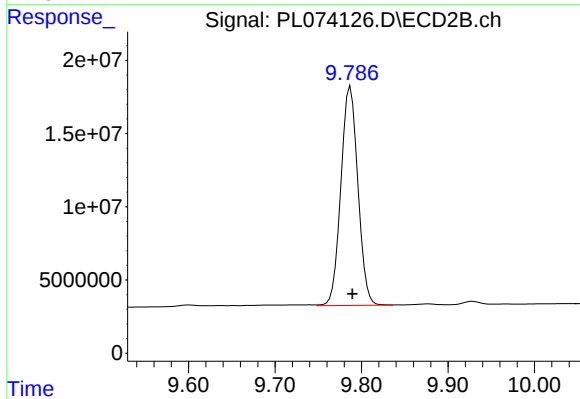
#18 Endrin aldehyde

R.T.: 9.201 min
Delta R.T.: -0.003 min
Response: 719331
Conc: 0.56 ng/ml m



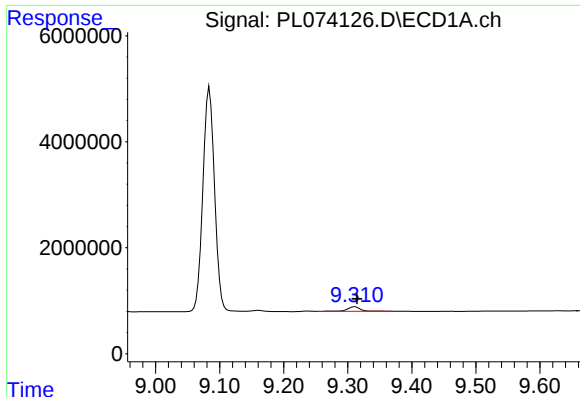
#20 Methoxychlor

R.T.: 9.084 min
Delta R.T.: -0.003 min
Response: 53289165
Conc: 214.64 ng/ml



#20 Methoxychlor

R.T.: 9.787 min
Delta R.T.: -0.002 min
Response: 203164143
Conc: 211.22 ng/ml



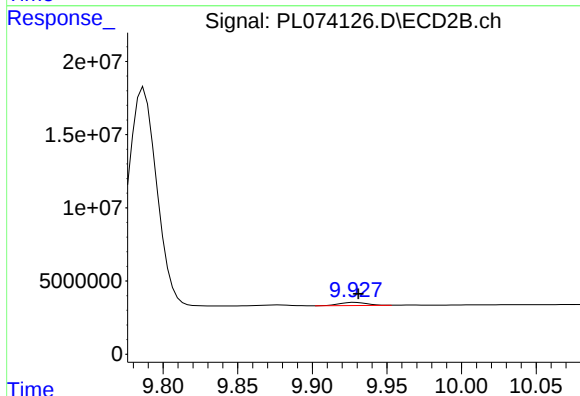
#21 Endrin ketone

R.T.: 9.311 min
Delta R.T.: -0.003 min
Response: 1192055
Conc: 2.44 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

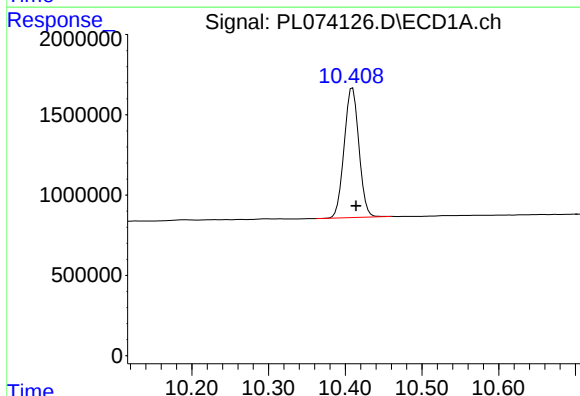
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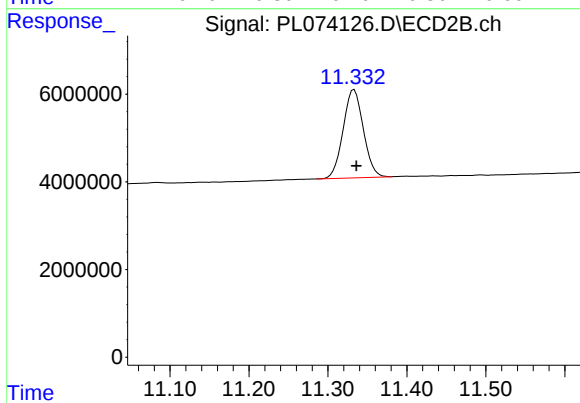
#21 Endrin ketone

R.T.: 9.929 min
Delta R.T.: -0.002 min
Response: 2752054
Conc: 1.59 ng/ml



#28 Decachlorobiphenyl

R.T.: 10.409 min
Delta R.T.: -0.004 min
Response: 10852325
Conc: 20.87 ng/ml



#28 Decachlorobiphenyl

R.T.: 11.333 min
Delta R.T.: -0.003 min
Response: 35822154
Conc: 20.28 ng/ml