

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL012722\
 Data File : PL072272.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 27 Jan 2022 09:06
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By :Abdul
 Mirza

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jan 28 00:04:28 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL011722.M
 Quant Title : GC Extractables
 QLast Update : Tue Jan 18 10:53:59 2022
 Response via : Initial Calibration
 Integrator: ChemStation

01/28/2022
 Supervised By :Ankita
 Jodhani

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	01/28/2022
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System Monitoring Compounds

1) SA Tetrachlo...	4.556	5.492	12310726	36830422	22.174	22.677	
28) SA Decachlor...	10.316	11.383	20630965	35920985	23.222	22.263	

Target Compounds

2) A alpha-BHC	5.262	6.073	7373964	24319509	9.537	10.079	
3) MA gamma-BHC...	5.685	6.468	7600833	23811110	10.080	10.581m	
6) B beta-BHC	6.069	6.729	4762323	11947900	14.407	12.067	
12) B 4,4'-DDE	7.553	8.494	210313	430908	0.291	0.228	
14) MA Endrin	7.972	8.887	37725049	86307039	53.842	52.055	
16) A 4,4'-DDD	8.138	9.033	996176	2437004	1.699m	1.704m	
17) MA 4,4'-DDT	8.401	9.351	76403585	173.6E6	115.054	109.828	
18) B Endrin al...	8.474	9.257	371444	592340	0.652m	0.477m#	
20) A Methoxychlor	8.996	9.838	103.7E6	216.4E6	245.908	261.198	
21) B Endrin ke...	9.219	9.991	1424001	2580636	1.710m	1.559	

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

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Acq On : 27 Jan 2022 09:06
Operator : AR\AJ
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ECD_L
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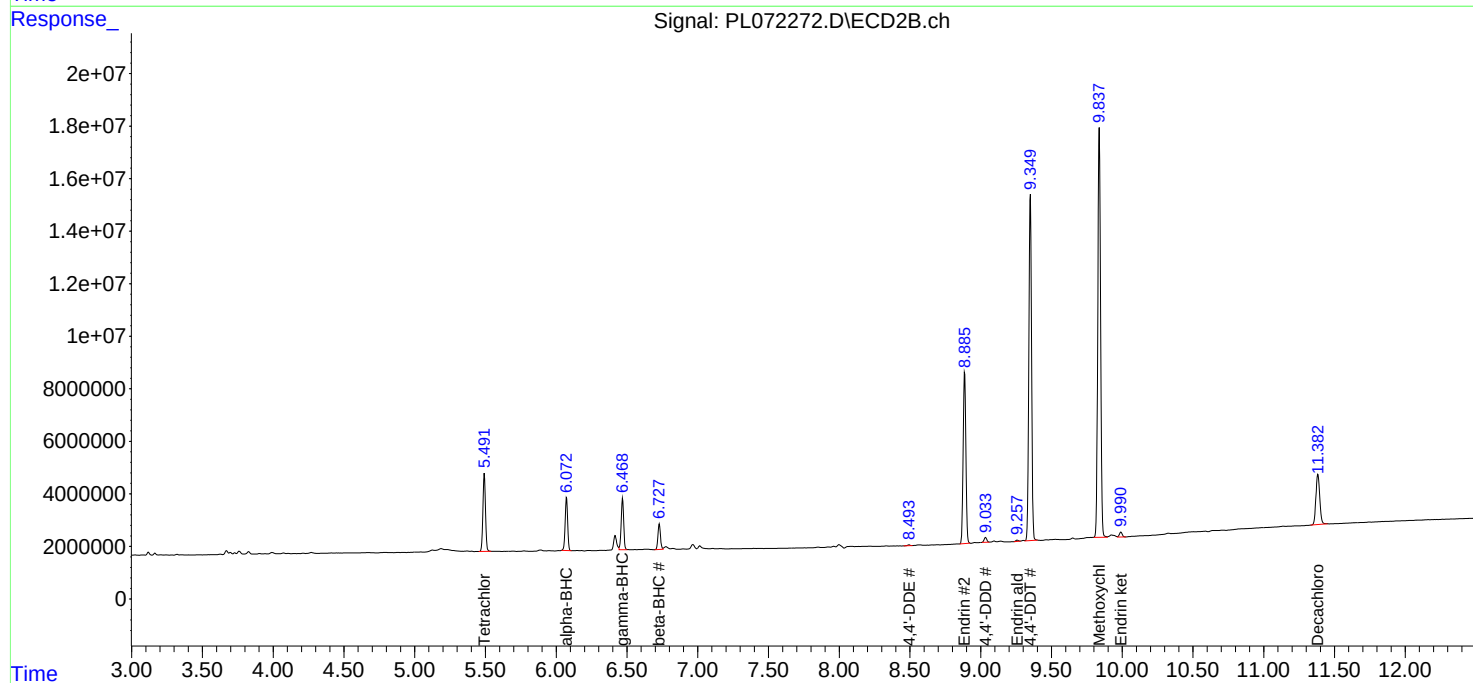
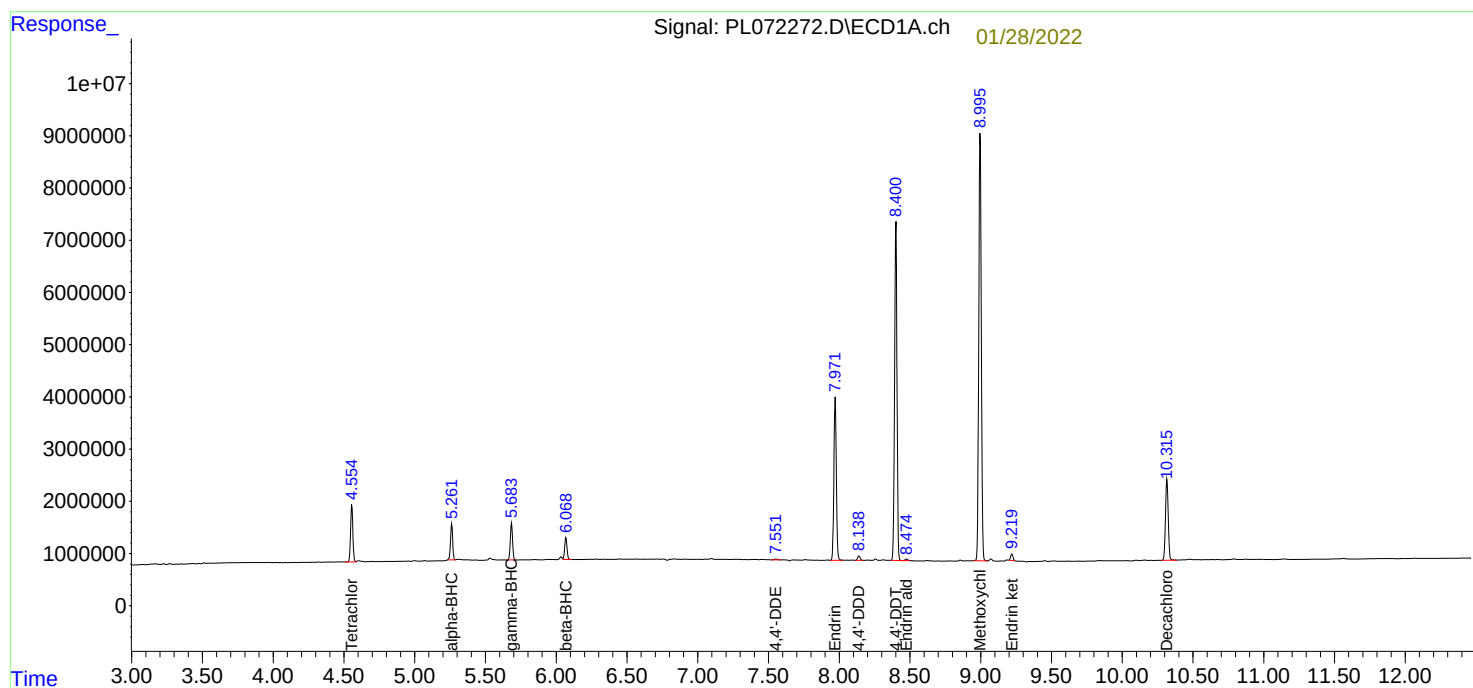
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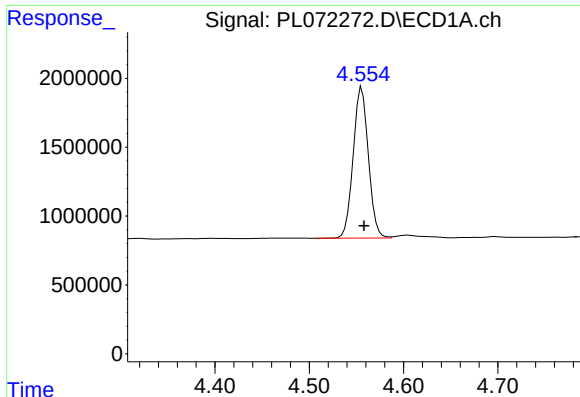
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Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jan 28 00:04:28 2022
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Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x0.5µm





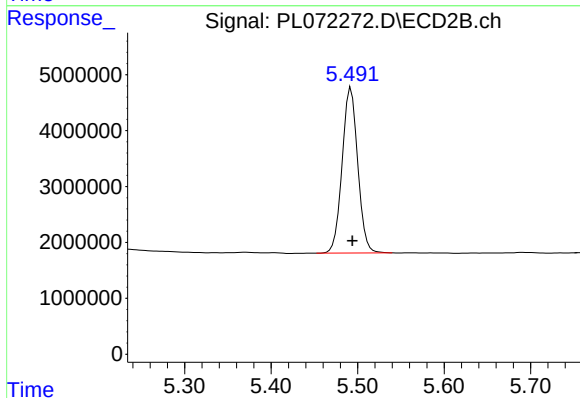
#1 Tetrachloro-m-xylene

R.T.: 4.556 min
Delta R.T.: -0.002 min
Response: 12310726
Conc: 22.17 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

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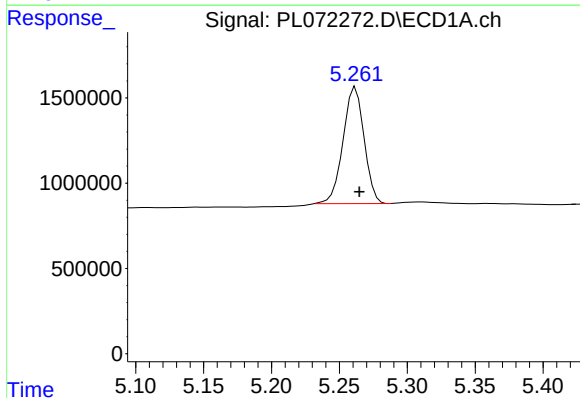


#1 Tetrachloro-m-xylene

R.T.: 5.492 min
Delta R.T.: -0.002 min
Response: 36830422
Conc: 22.68 ng/ml

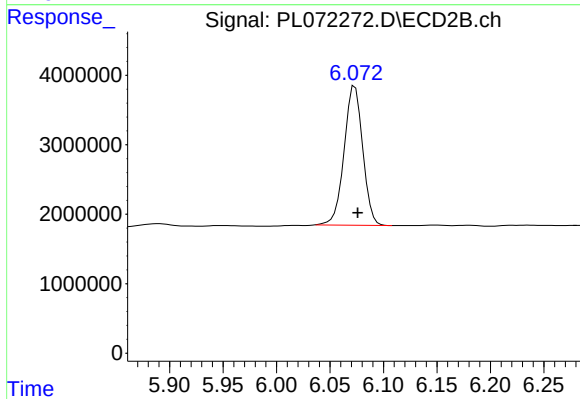
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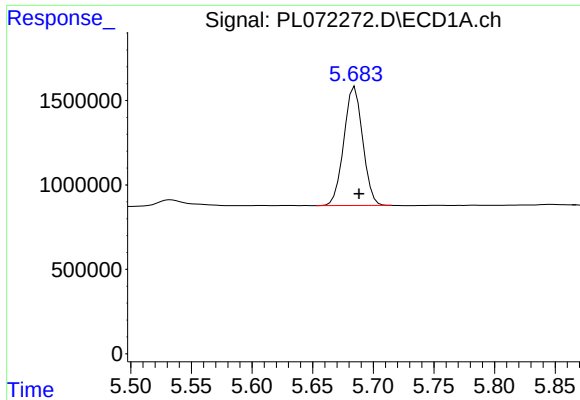
#2 alpha-BHC

R.T.: 5.262 min
Delta R.T.: -0.003 min
Response: 7373964
Conc: 9.54 ng/ml



#2 alpha-BHC

R.T.: 6.073 min
Delta R.T.: -0.003 min
Response: 24319509
Conc: 10.08 ng/ml



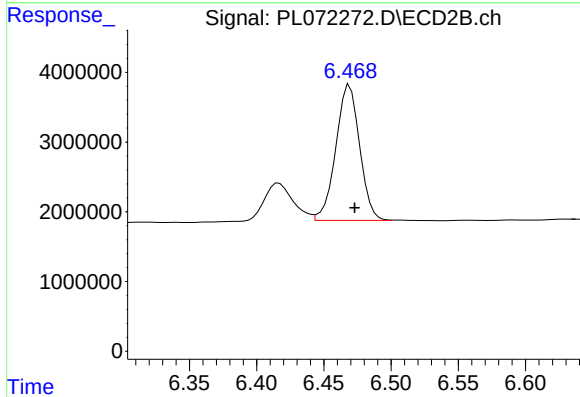
#3 gamma-BHC (Lindane)

R.T.: 5.685 min
Delta R.T.: -0.003 min
Response: 7600833
Conc: 10.08 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

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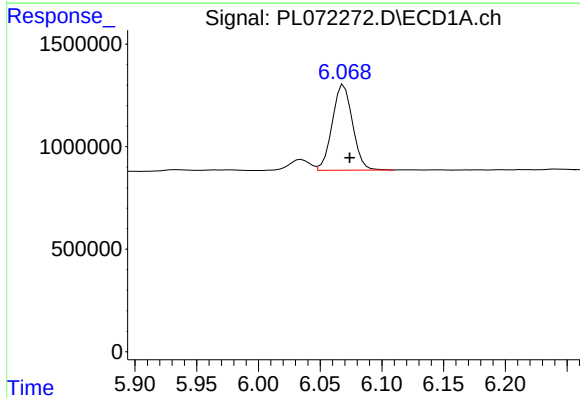


#3 gamma-BHC (Lindane)

R.T.: 6.468 min
Delta R.T.: -0.005 min
Response: 23811110
Conc: 10.58 ng/ml m

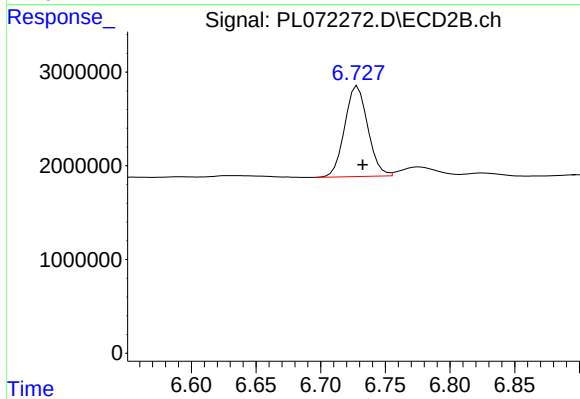
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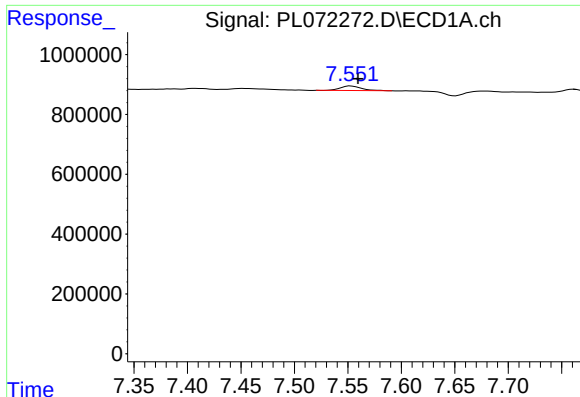
#6 beta-BHC

R.T.: 6.069 min
Delta R.T.: -0.005 min
Response: 4762323
Conc: 14.41 ng/ml



#6 beta-BHC

R.T.: 6.729 min
Delta R.T.: -0.004 min
Response: 11947900
Conc: 12.07 ng/ml



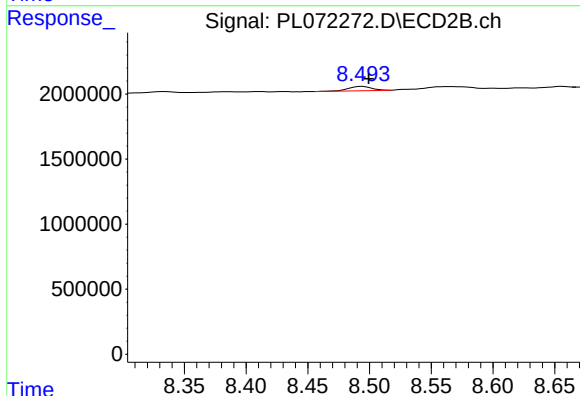
#12 4,4'-DDE

R.T.: 7.553 min
Delta R.T.: -0.007 min
Response: 210313
Conc: 0.29 ng/ml

Instrument :
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ClientSampleId :
PEM

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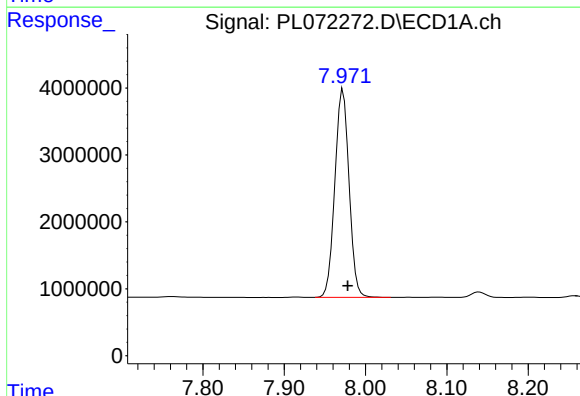


#12 4,4'-DDE

R.T.: 8.494 min
Delta R.T.: -0.005 min
Response: 430908
Conc: 0.23 ng/ml

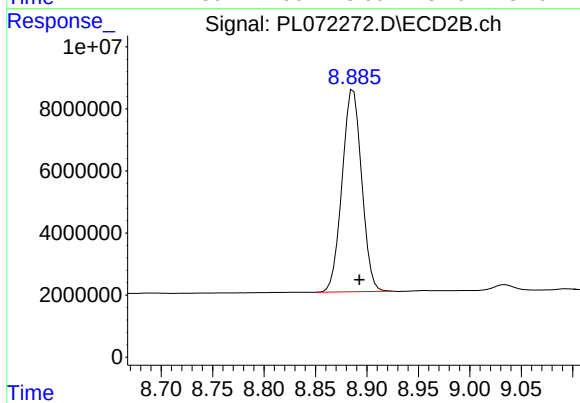
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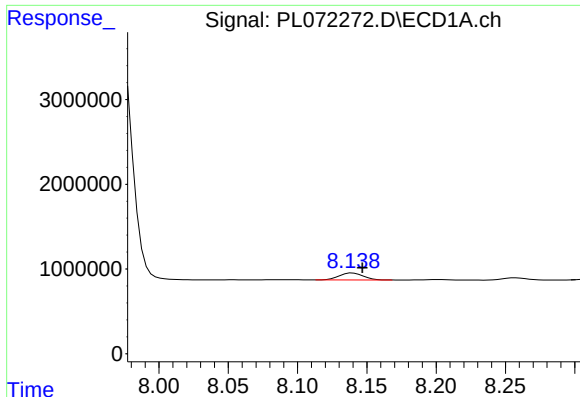
#14 Endrin

R.T.: 7.972 min
Delta R.T.: -0.006 min
Response: 37725049
Conc: 53.84 ng/ml



#14 Endrin

R.T.: 8.887 min
Delta R.T.: -0.006 min
Response: 86307039
Conc: 52.05 ng/ml



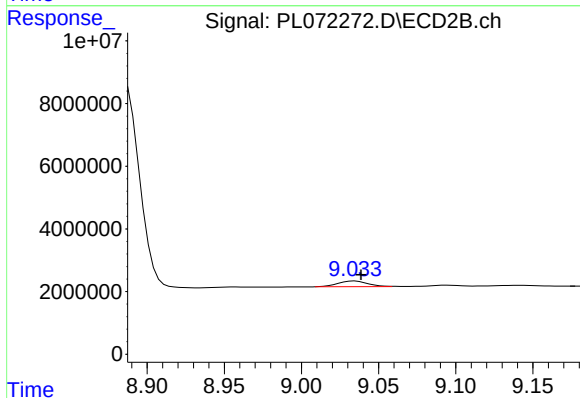
#16 4,4'-DDD

R.T.: 8.138 min
Delta R.T.: -0.008 min
Response: 996176
Conc: 1.70 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

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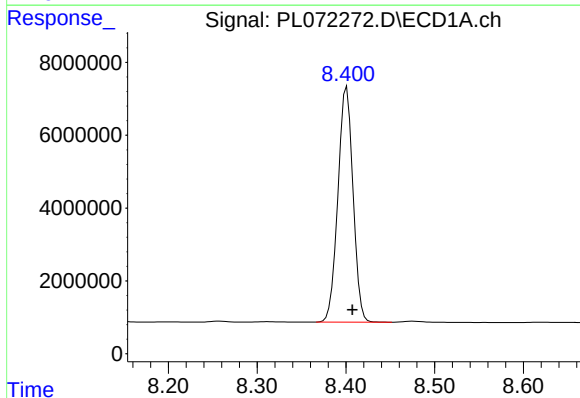


#16 4,4'-DDD

R.T.: 9.033 min
Delta R.T.: -0.006 min
Response: 2437004
Conc: 1.70 ng/ml m

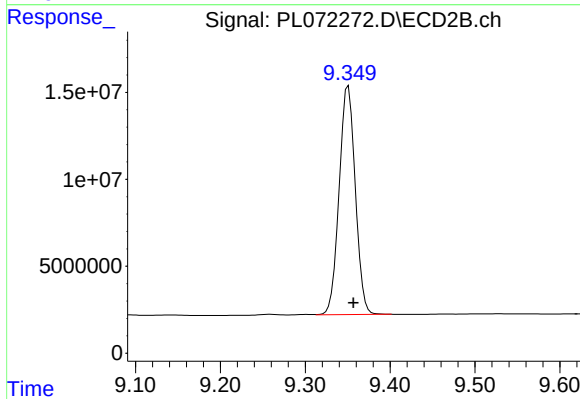
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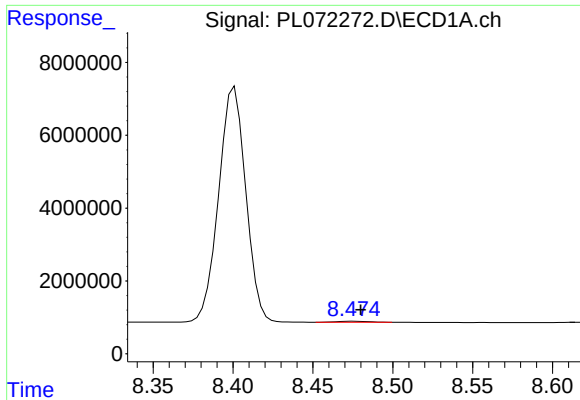
#17 4,4'-DDT

R.T.: 8.401 min
Delta R.T.: -0.006 min
Response: 76403585
Conc: 115.05 ng/ml



#17 4,4'-DDT

R.T.: 9.351 min
Delta R.T.: -0.006 min
Response: 173588567
Conc: 109.83 ng/ml



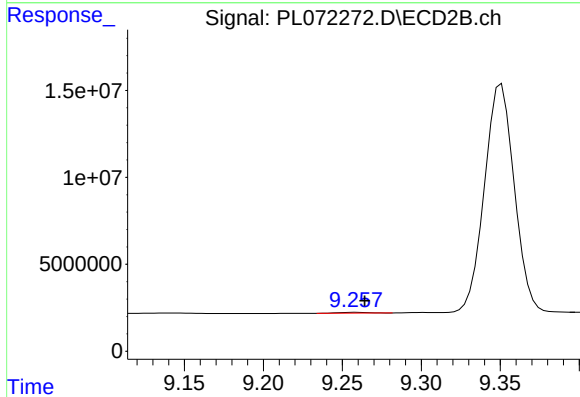
#18 Endrin aldehyde

R.T.: 8.474 min
Delta R.T.: -0.006 min
Response: 371444
Conc: 0.65 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

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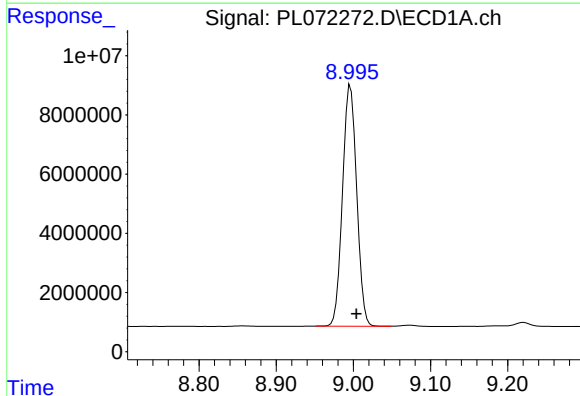


#18 Endrin aldehyde

R.T.: 9.257 min
Delta R.T.: -0.007 min
Response: 592340
Conc: 0.48 ng/ml m

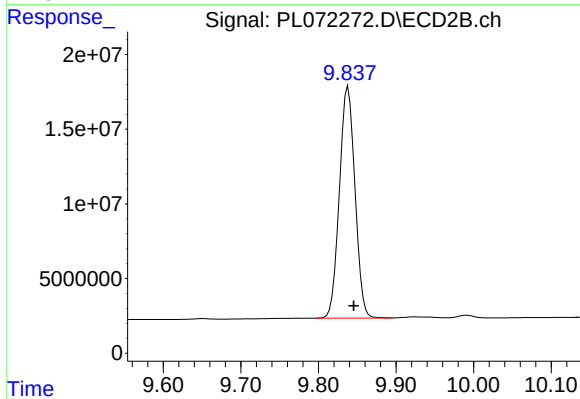
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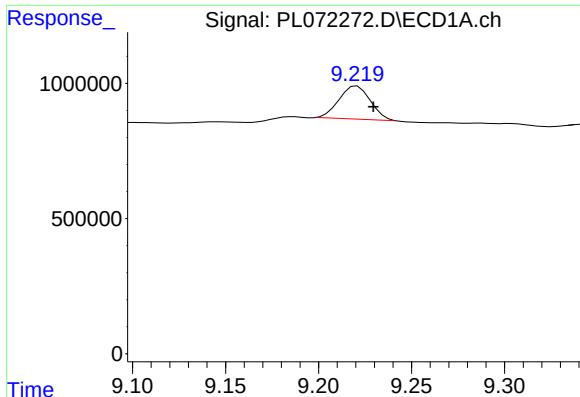
#20 Methoxychlor

R.T.: 8.996 min
Delta R.T.: -0.008 min
Response: 103747485
Conc: 245.91 ng/ml



#20 Methoxychlor

R.T.: 9.838 min
Delta R.T.: -0.007 min
Response: 216363180
Conc: 261.20 ng/ml



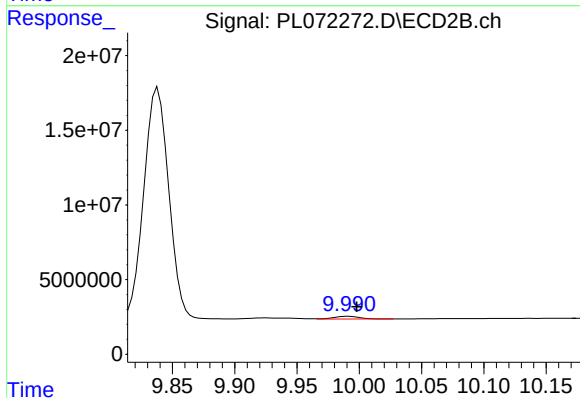
#21 Endrin ketone

R.T.: 9.219 min
Delta R.T.: -0.010 min
Response: 1424001
Conc: 1.71 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

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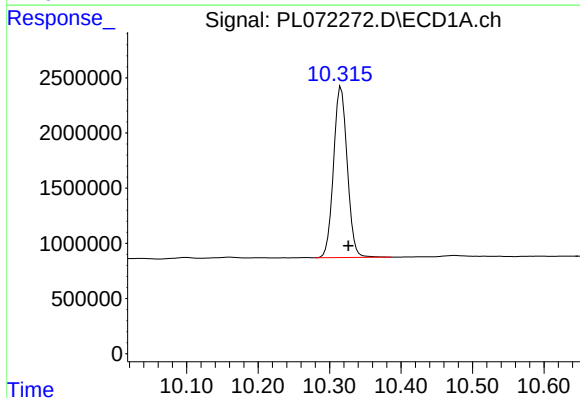


#21 Endrin ketone

R.T.: 9.991 min
Delta R.T.: -0.007 min
Response: 2580636
Conc: 1.56 ng/ml

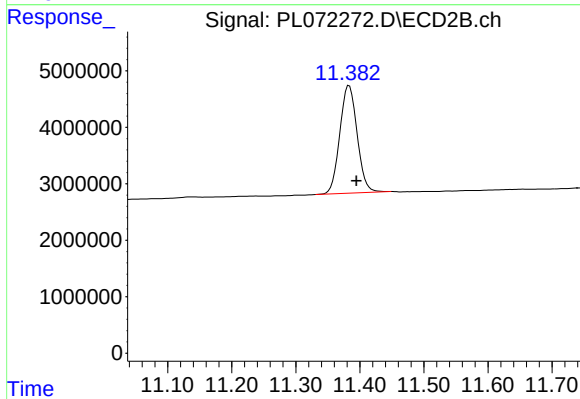
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#28 Decachlorobiphenyl

R.T.: 10.316 min
Delta R.T.: -0.010 min
Response: 20630965
Conc: 23.22 ng/ml



#28 Decachlorobiphenyl

R.T.: 11.383 min
Delta R.T.: -0.011 min
Response: 35920985
Conc: 22.26 ng/ml