

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL012522\
 Data File : PL072220.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 25 Jan 2022 10:32
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 01/26/2022
 Supervised By :Ankita Jodhani 01/26/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jan 26 00:37:54 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

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...	4.553	5.493	11711490	35379888	21.095	21.784
28)	SA Decachlor...	10.315	11.386	21029333	36904869	23.670	22.873
Target Compounds							
2)	A alpha-BHC	5.258	6.074	7322606	23932273	9.470m	9.919
3)	MA gamma-BHC...	5.682	6.470	7362572	22930341	9.764	10.190
6)	B beta-BHC	6.067	6.730	4679877	11721041	14.157	11.838
12)	B 4,4'-DDE	7.550	8.493	137225	434163	0.190m	0.230m
14)	MA Endrin	7.970	8.887	38674833	90138056	55.197	54.365
16)	A 4,4'-DDD	8.139	9.035	188365	296552	0.321m	0.207m#
17)	MA 4,4'-DDT	8.399	9.351	78785456	175.8E6	118.640	111.214
18)	B Endrin al...	8.478	9.259	152192	138152	0.267m	0.111m#
20)	A Methoxychlor	8.995	9.839	109.7E6	224.2E6	259.981	270.693
21)	B Endrin ke...	9.218	9.992	488759	822001	0.587m	0.497

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

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Acq On : 25 Jan 2022 10:32
Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

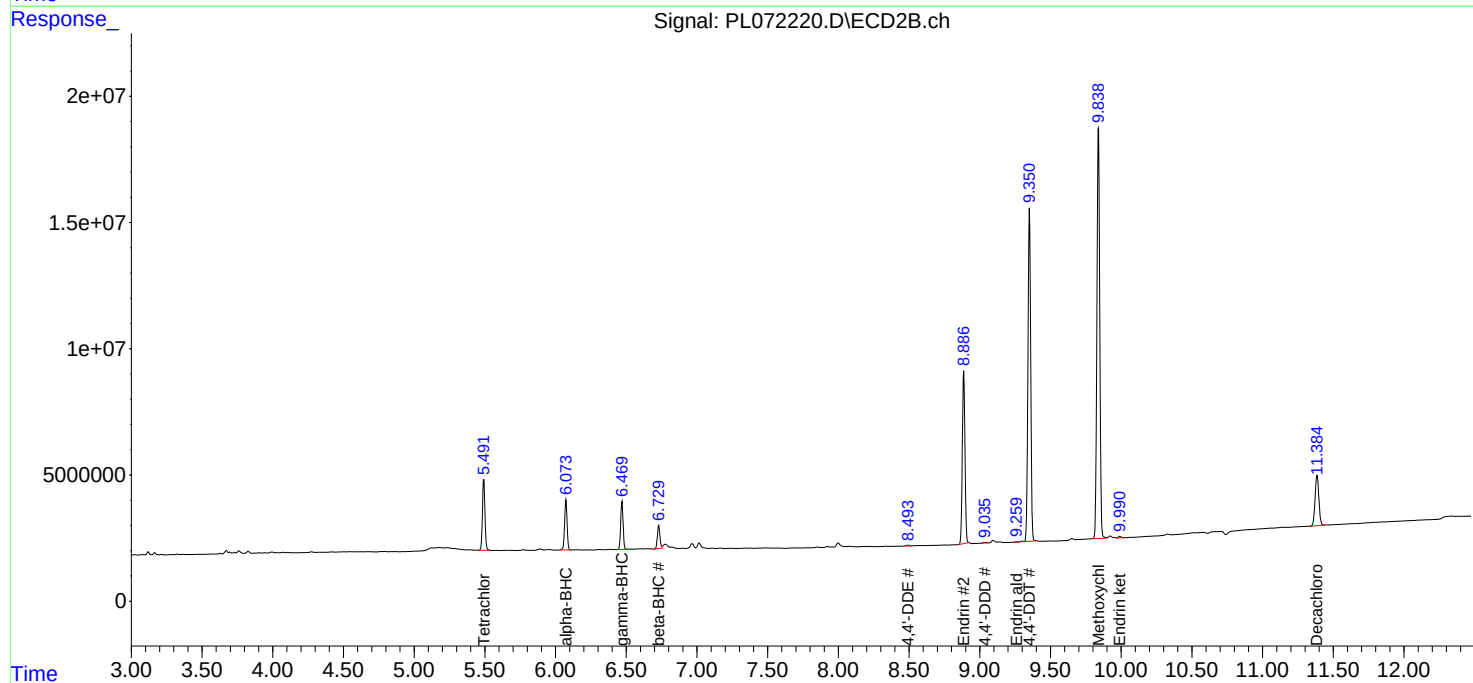
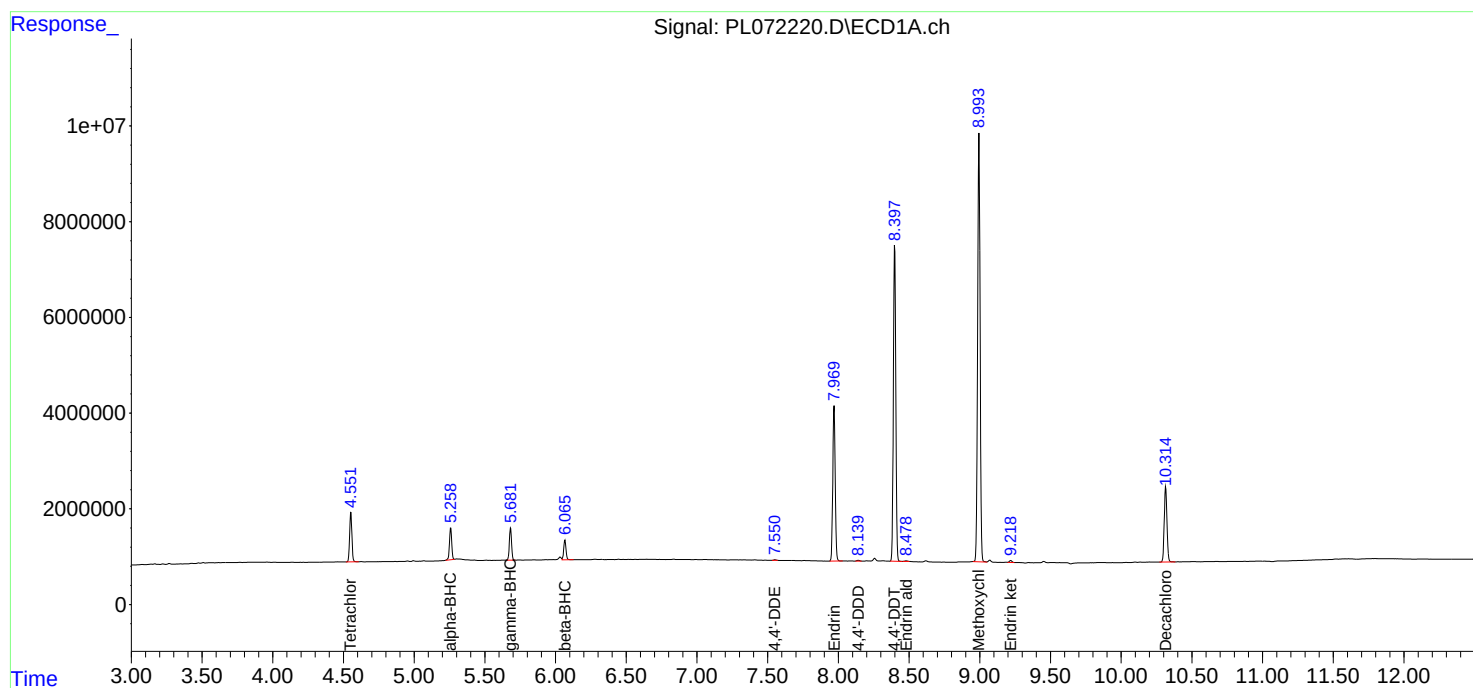
Instrument :
ECD_L
ClientSampleId :
PEM

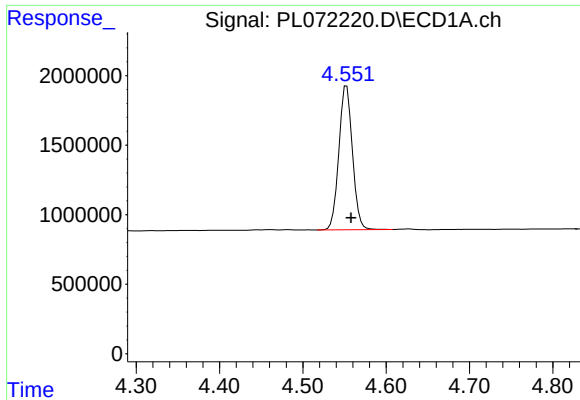
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Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
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Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL011722.M
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Volume Inj. : 1 µl
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Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x0.5µm





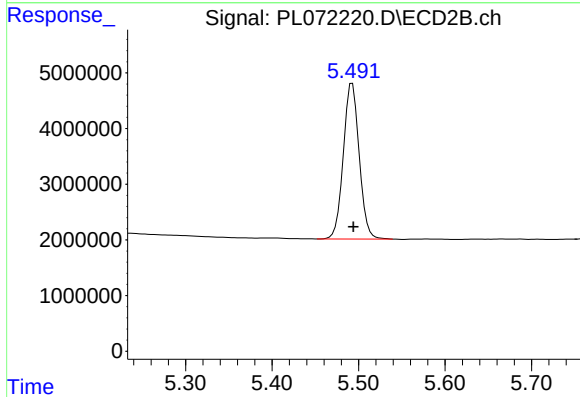
#1 Tetrachloro-m-xylene

R.T.: 4.553 min
Delta R.T.: -0.005 min
Response: 11711490
Conc: 21.09 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

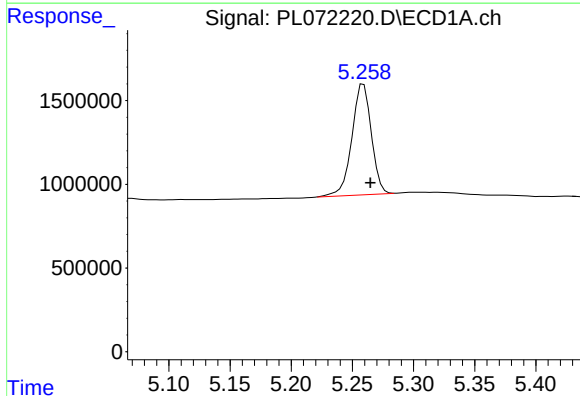
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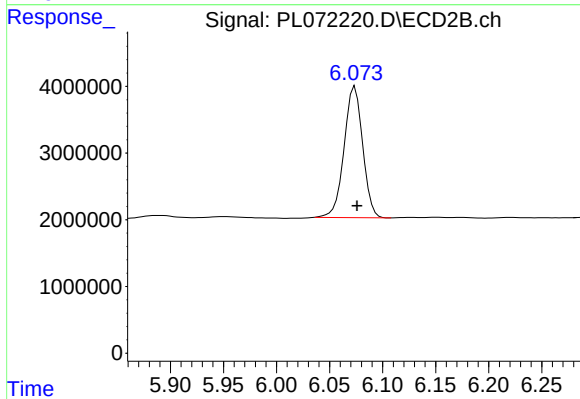
#1 Tetrachloro-m-xylene

R.T.: 5.493 min
Delta R.T.: -0.001 min
Response: 35379888
Conc: 21.78 ng/ml



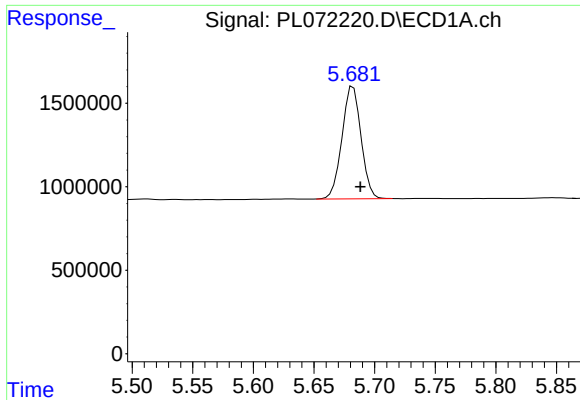
#2 alpha-BHC

R.T.: 5.258 min
Delta R.T.: -0.007 min
Response: 7322606
Conc: 9.47 ng/ml m



#2 alpha-BHC

R.T.: 6.074 min
Delta R.T.: -0.002 min
Response: 23932273
Conc: 9.92 ng/ml



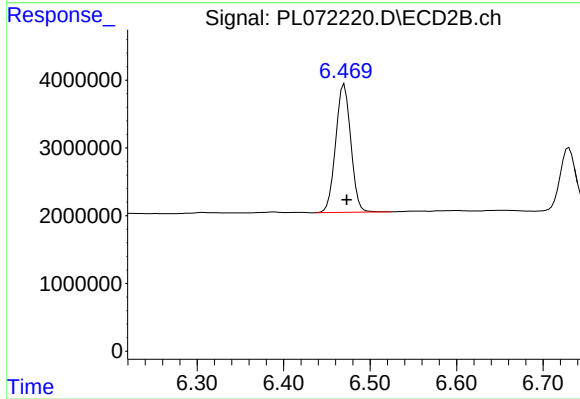
#3 gamma-BHC (Lindane)

R.T.: 5.682 min
Delta R.T.: -0.006 min
Response: 7362572
Conc: 9.76 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

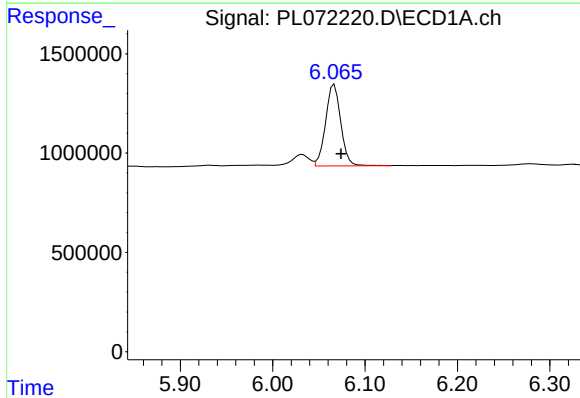
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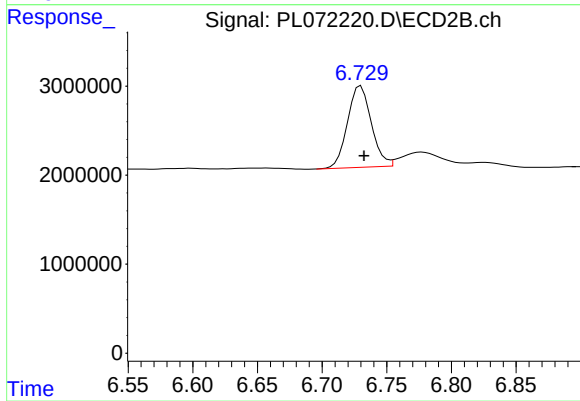
#3 gamma-BHC (Lindane)

R.T.: 6.470 min
Delta R.T.: -0.003 min
Response: 22930341
Conc: 10.19 ng/ml



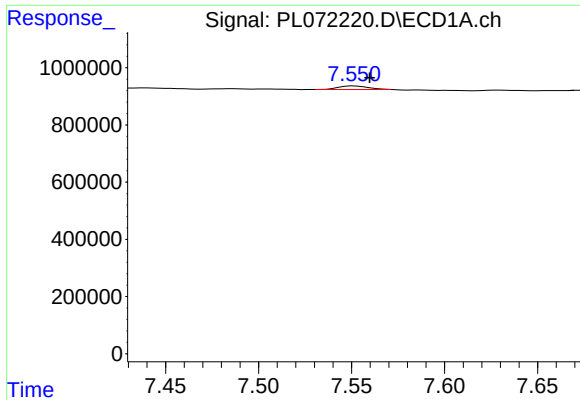
#6 beta-BHC

R.T.: 6.067 min
Delta R.T.: -0.007 min
Response: 4679877
Conc: 14.16 ng/ml



#6 beta-BHC

R.T.: 6.730 min
Delta R.T.: -0.003 min
Response: 11721041
Conc: 11.84 ng/ml



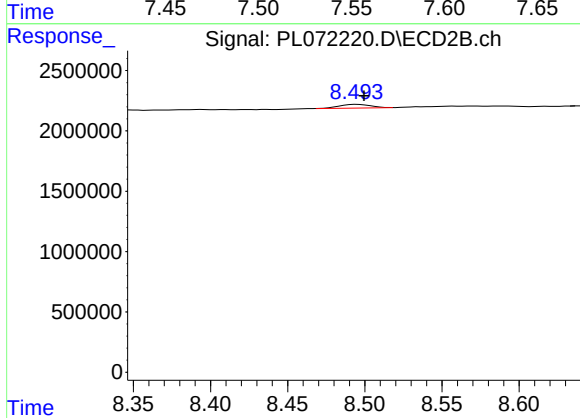
#12 4,4'-DDE

R.T.: 7.550 min
Delta R.T.: -0.010 min
Response: 137225
Conc: 0.19 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

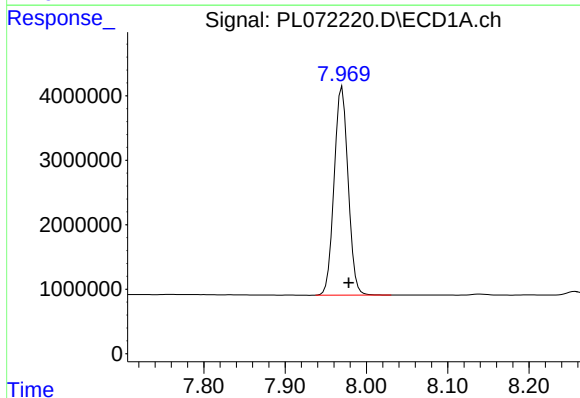
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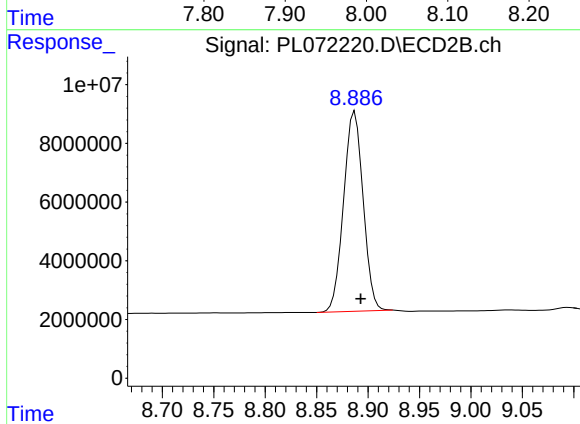
#12 4,4'-DDE

R.T.: 8.493 min
Delta R.T.: -0.006 min
Response: 434163
Conc: 0.23 ng/ml m



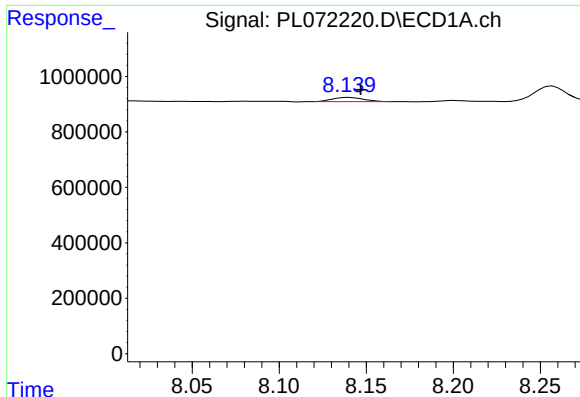
#14 Endrin

R.T.: 7.970 min
Delta R.T.: -0.008 min
Response: 38674833
Conc: 55.20 ng/ml



#14 Endrin

R.T.: 8.887 min
Delta R.T.: -0.006 min
Response: 90138056
Conc: 54.37 ng/ml



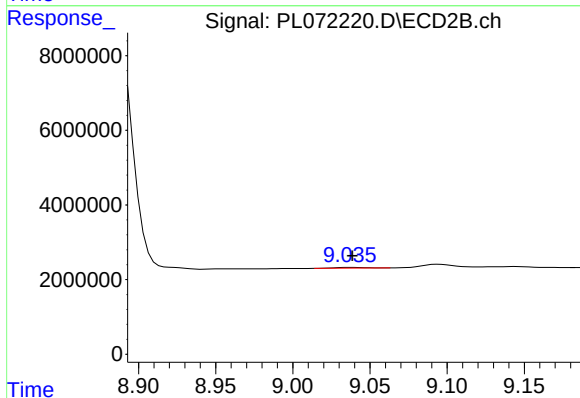
#16 4,4'-DDD

R.T.: 8.139 min
Delta R.T.: -0.008 min
Response: 188365
Conc: 0.32 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

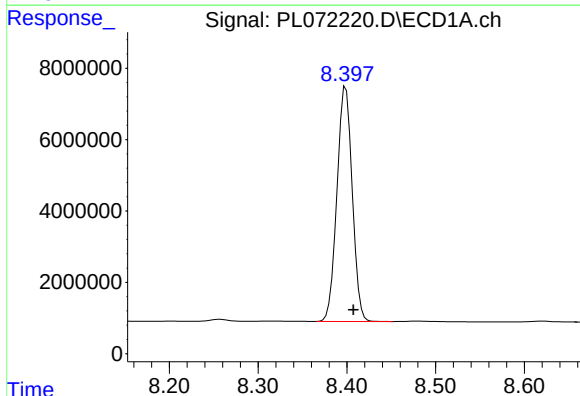
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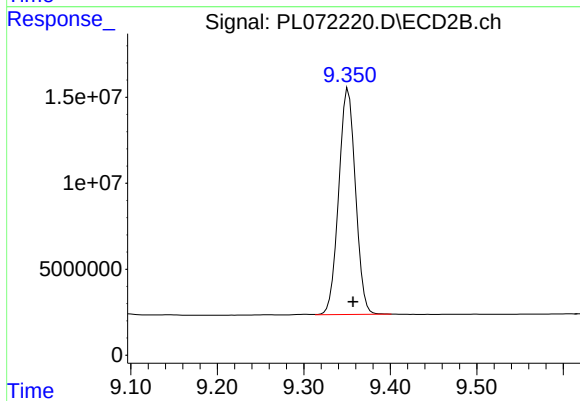
#16 4,4'-DDD

R.T.: 9.035 min
Delta R.T.: -0.004 min
Response: 296552
Conc: 0.21 ng/ml m



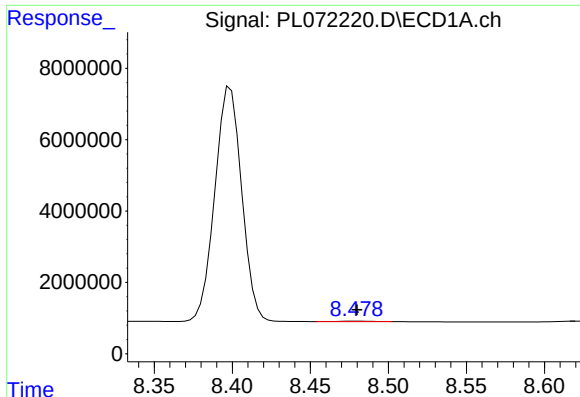
#17 4,4'-DDT

R.T.: 8.399 min
Delta R.T.: -0.008 min
Response: 78785456
Conc: 118.64 ng/ml



#17 4,4'-DDT

R.T.: 9.351 min
Delta R.T.: -0.006 min
Response: 175778346
Conc: 111.21 ng/ml



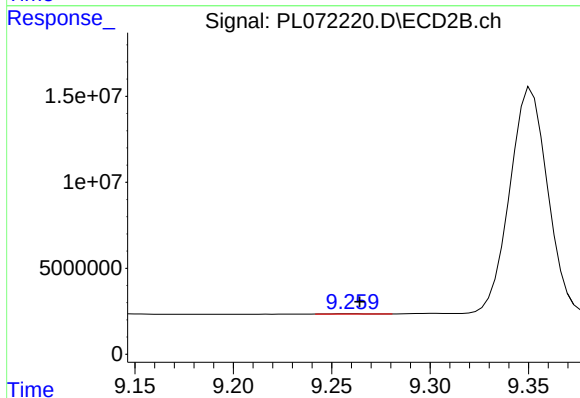
#18 Endrin aldehyde

R.T.: 8.478 min
Delta R.T.: -0.002 min
Response: 152192
Conc: 0.27 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

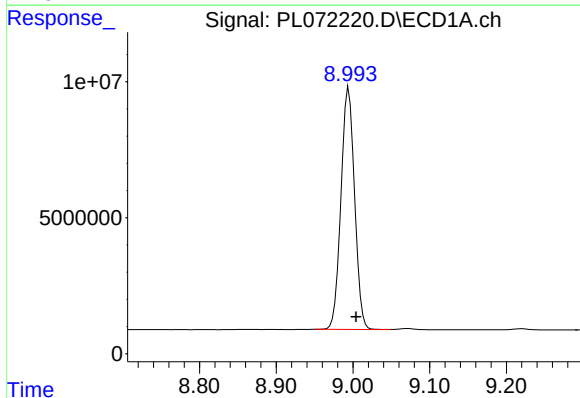
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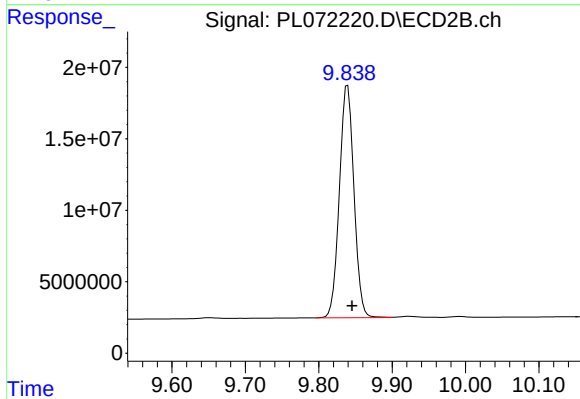
#18 Endrin aldehyde

R.T.: 9.259 min
Delta R.T.: -0.005 min
Response: 138152
Conc: 0.11 ng/ml m



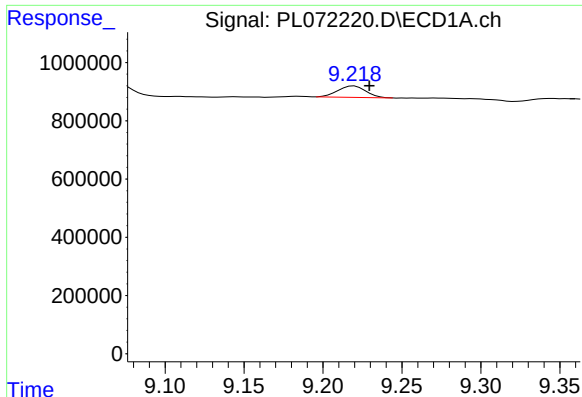
#20 Methoxychlor

R.T.: 8.995 min
Delta R.T.: -0.009 min
Response: 109684967
Conc: 259.98 ng/ml



#20 Methoxychlor

R.T.: 9.839 min
Delta R.T.: -0.006 min
Response: 224228389
Conc: 270.69 ng/ml



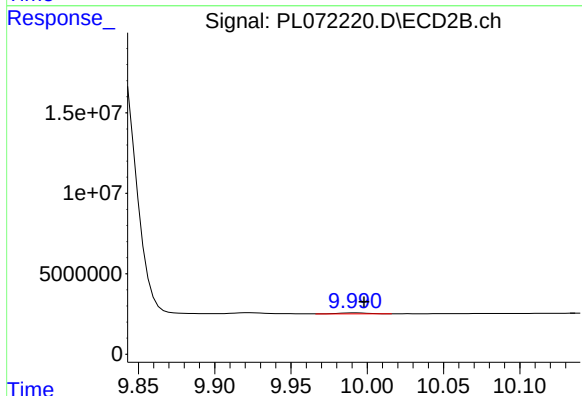
#21 Endrin ketone

R.T.: 9.218 min
Delta R.T.: -0.011 min
Response: 488759
Conc: 0.59 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

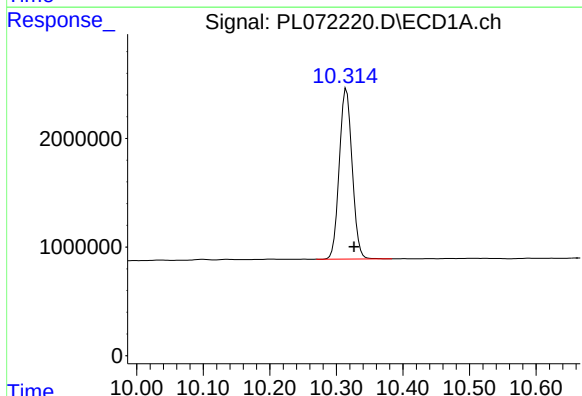
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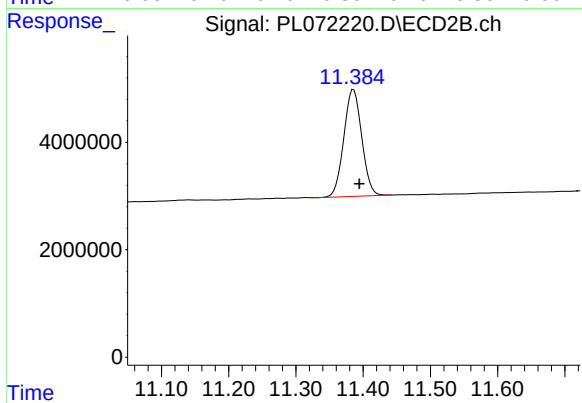
#21 Endrin ketone

R.T.: 9.992 min
Delta R.T.: -0.006 min
Response: 822001
Conc: 0.50 ng/ml



#28 Decachlorobiphenyl

R.T.: 10.315 min
Delta R.T.: -0.011 min
Response: 21029333
Conc: 23.67 ng/ml



#28 Decachlorobiphenyl

R.T.: 11.386 min
Delta R.T.: -0.009 min
Response: 36904869
Conc: 22.87 ng/ml