

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL022622\
 Data File : PL072996.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 26 Feb 2022 02:32
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 02/28/2022
 Supervised By : Ankita Jodhani 02/28/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 28 03:06:50 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL022622.M
 Quant Title : GC Extractables
 QLast Update : Mon Feb 28 02:28:04 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...	4.648	5.490	6229561	28016197	19.440	19.306
28)	SA Decachlor...	10.427	11.325	9472100	32148956	20.237	20.379
Target Compounds							
2)	A alpha-BHC	5.357	6.052	3753905	16748644	8.908	8.492
3)	MA gamma-BHC...	5.780	6.441	3931376	16347784	8.891	8.744
6)	B beta-BHC	6.160	6.677	2397899	9626491	10.767	10.675
12)	B 4,4'-DDE	7.657	8.457	72889	234798	0.188m	0.150m
14)	MA Endrin	8.076	8.843	18726400	61938221	47.161	46.790
16)	A 4,4'-DDD	8.242	8.981	313082	1119872	0.899m	0.842m
17)	MA 4,4'-DDT	8.505	9.303	37049839	125.5E6	97.359	91.528
18)	B Endrin al...	8.576	9.198	346488	458842	1.079m	0.422m#
20)	A Methoxychlor	9.100	9.783	55875690	176.2E6	223.711m	225.099
21)	B Endrin ke...	9.326	9.925	1151156	1933607	2.322	1.319 #

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

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Acq On : 26 Feb 2022 02:32
Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 30 Sample Multiplier: 1

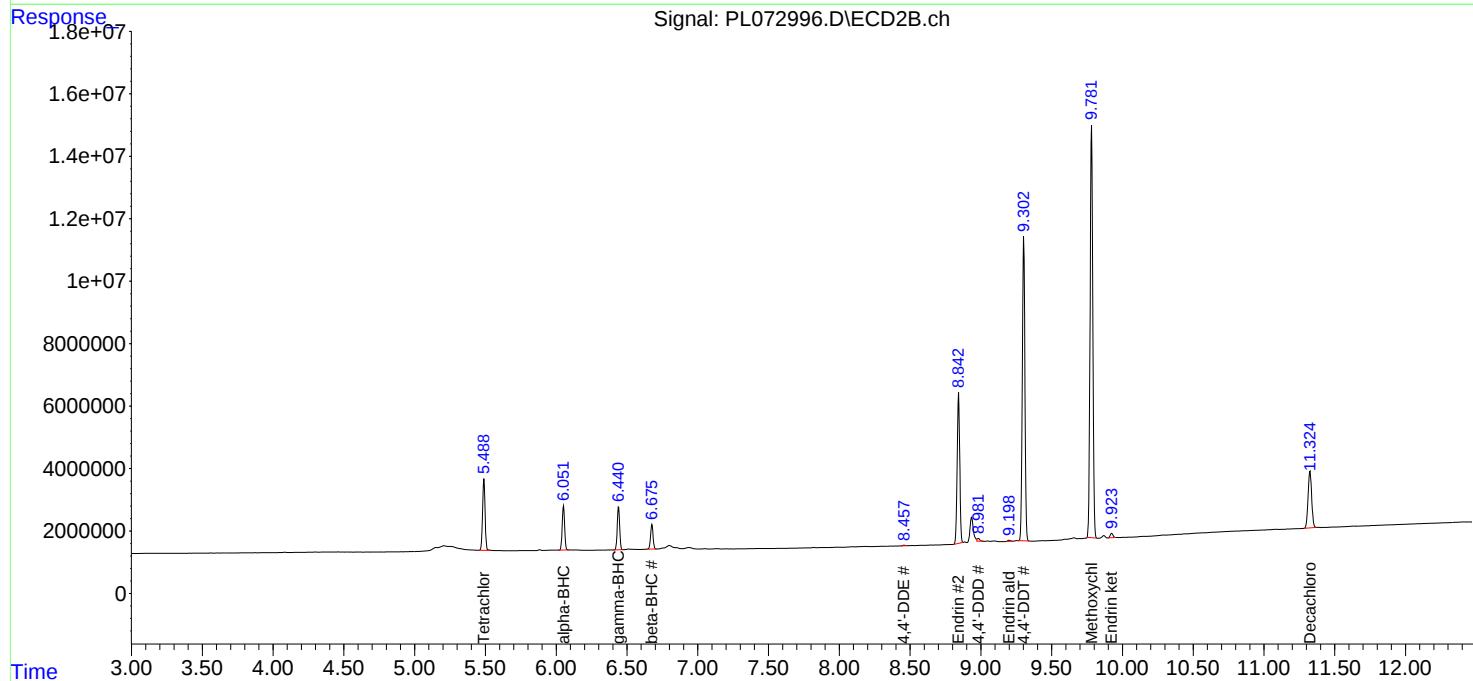
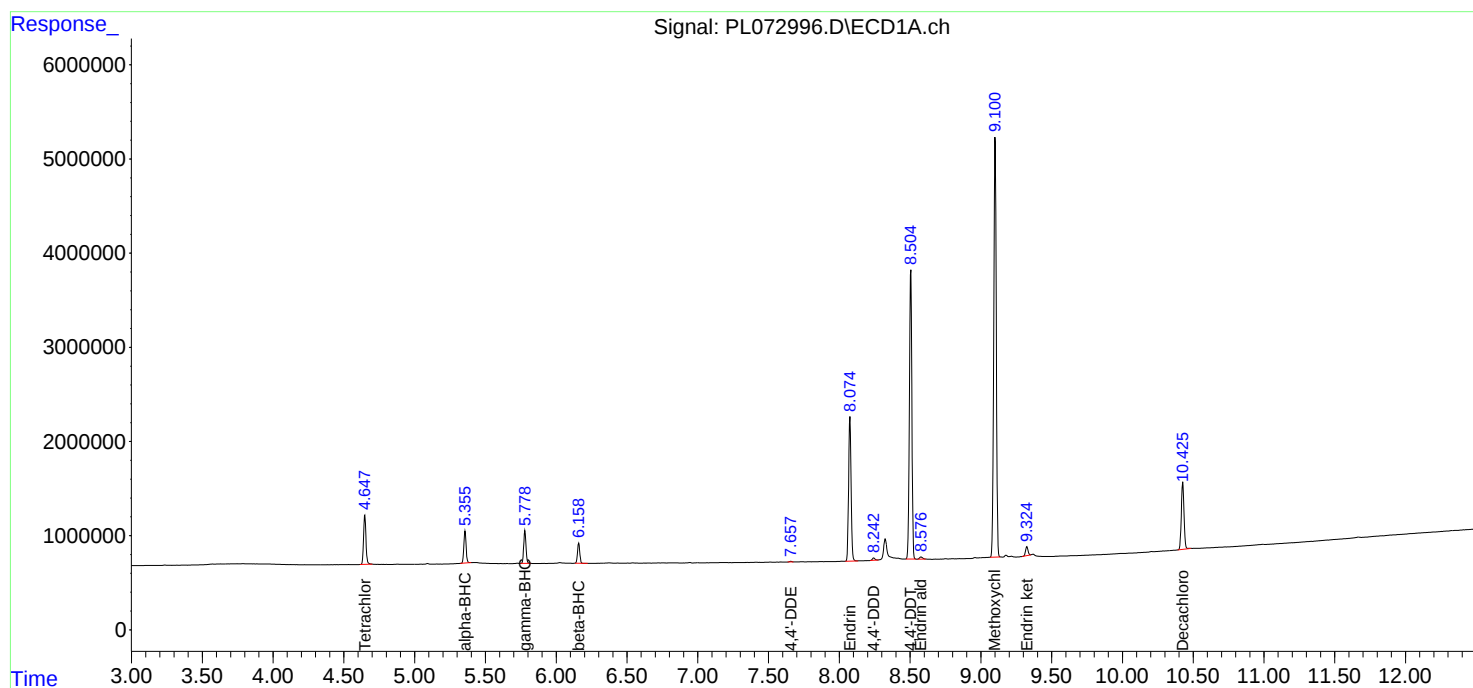
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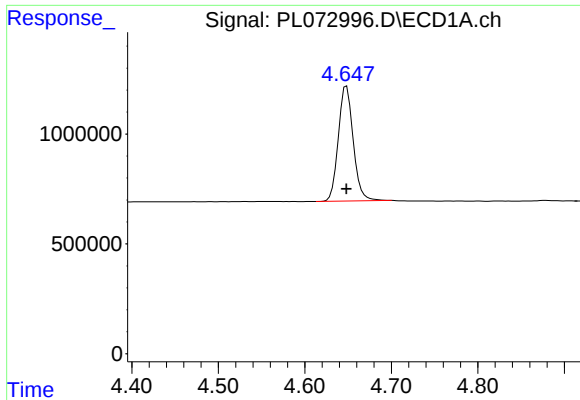
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Integration File signal 1: autoint1.e
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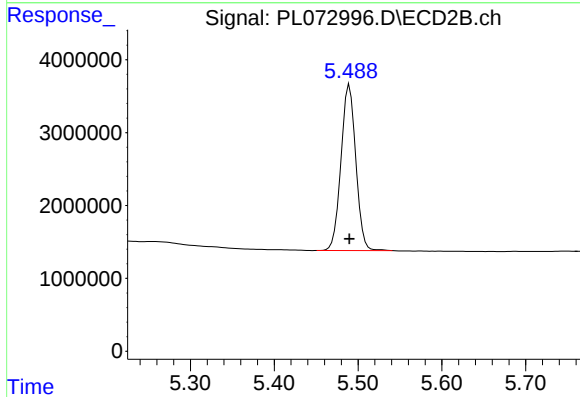
#1 Tetrachloro-m-xylene

R.T.: 4.648 min
Delta R.T.: 0.000 min
Response: 6229561
Conc: 19.44 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

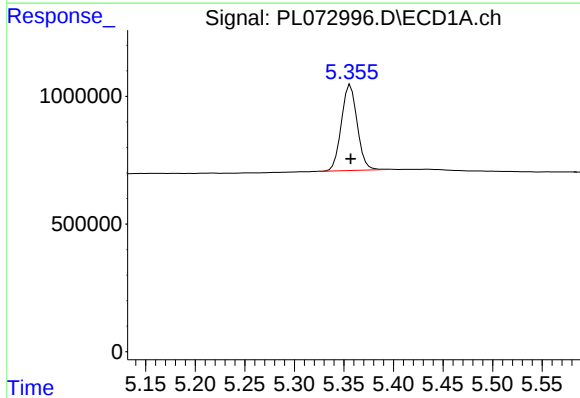
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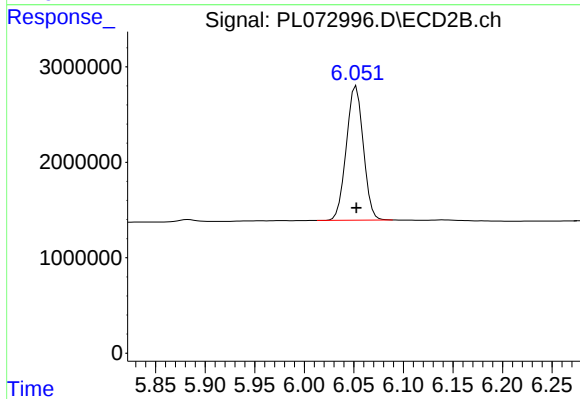
#1 Tetrachloro-m-xylene

R.T.: 5.490 min
Delta R.T.: 0.000 min
Response: 28016197
Conc: 19.31 ng/ml



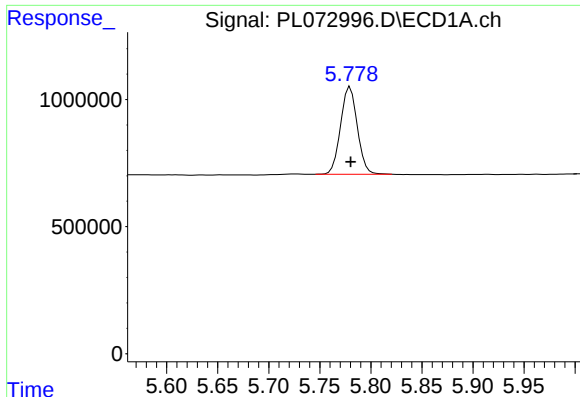
#2 alpha-BHC

R.T.: 5.357 min
Delta R.T.: 0.000 min
Response: 3753905
Conc: 8.91 ng/ml



#2 alpha-BHC

R.T.: 6.052 min
Delta R.T.: 0.000 min
Response: 16748644
Conc: 8.49 ng/ml



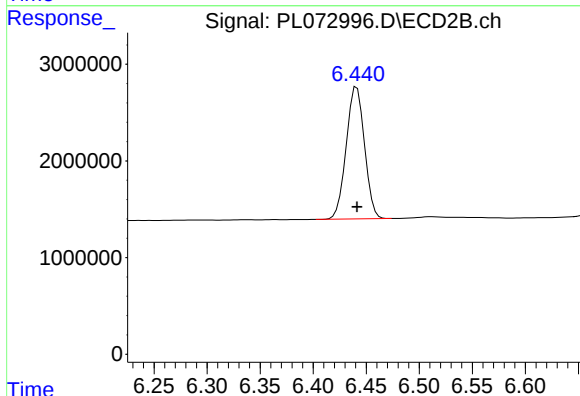
#3 gamma-BHC (Lindane)

R.T.: 5.780 min
Delta R.T.: 0.000 min
Response: 3931376
Conc: 8.89 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

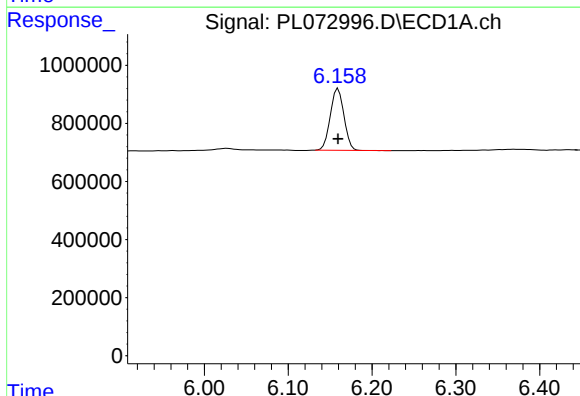
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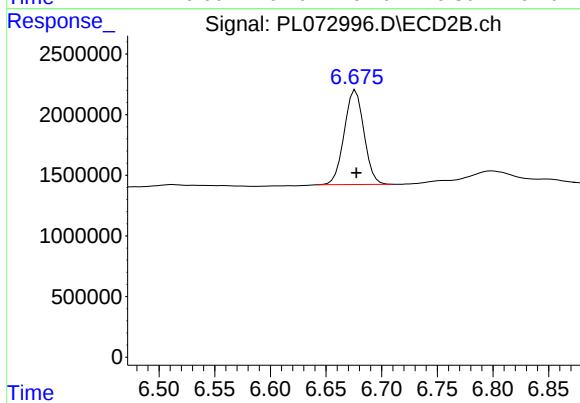
#3 gamma-BHC (Lindane)

R.T.: 6.441 min
Delta R.T.: 0.000 min
Response: 16347784
Conc: 8.74 ng/ml



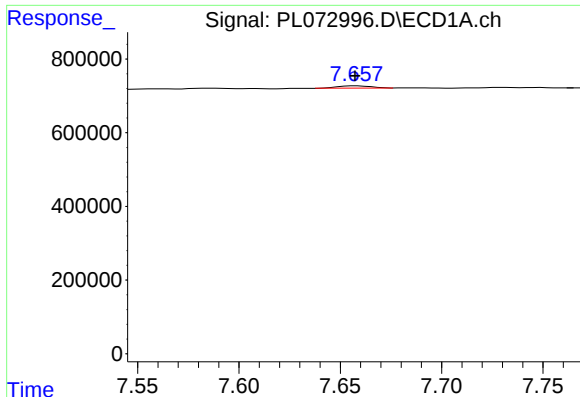
#6 beta-BHC

R.T.: 6.160 min
Delta R.T.: 0.000 min
Response: 2397899
Conc: 10.77 ng/ml



#6 beta-BHC

R.T.: 6.677 min
Delta R.T.: 0.000 min
Response: 9626491
Conc: 10.67 ng/ml



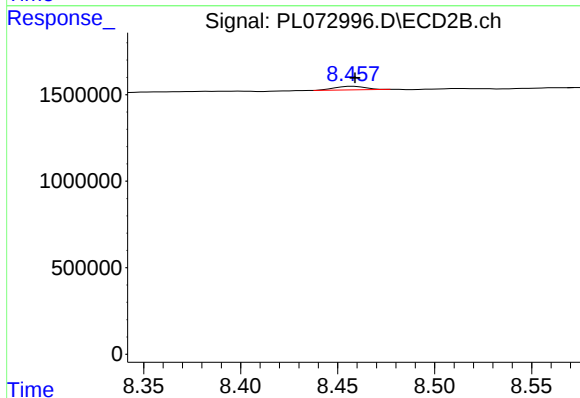
#12 4,4'-DDE

R.T.: 7.657 min
Delta R.T.: 0.000 min
Response: 72889
Conc: 0.19 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

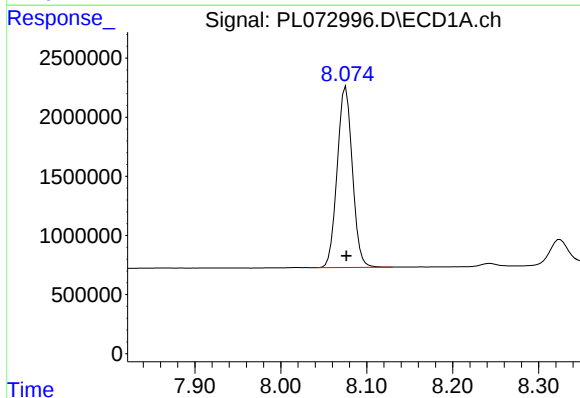
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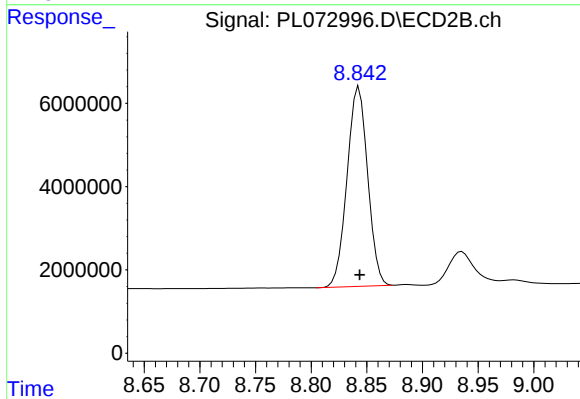
#12 4,4'-DDE

R.T.: 8.457 min
Delta R.T.: -0.002 min
Response: 234798
Conc: 0.15 ng/ml m



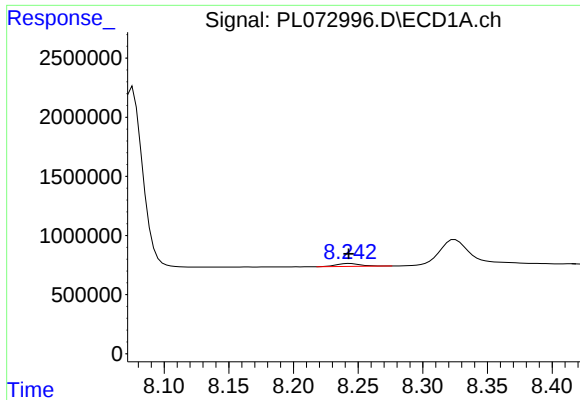
#14 Endrin

R.T.: 8.076 min
Delta R.T.: 0.000 min
Response: 18726400
Conc: 47.16 ng/ml



#14 Endrin

R.T.: 8.843 min
Delta R.T.: 0.000 min
Response: 61938221
Conc: 46.79 ng/ml



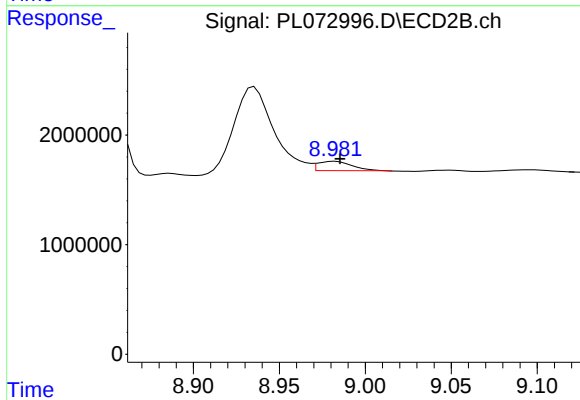
#16 4,4'-DDD

R.T.: 8.242 min
Delta R.T.: 0.000 min
Response: 313082
Conc: 0.90 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

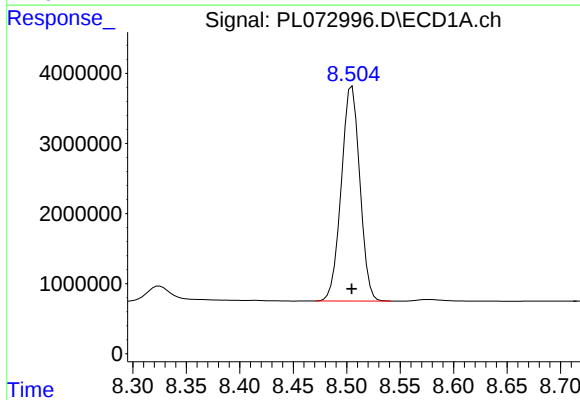
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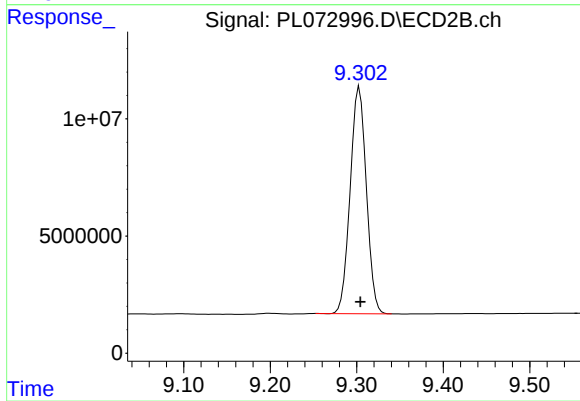
#16 4,4'-DDD

R.T.: 8.981 min
Delta R.T.: -0.004 min
Response: 1119872
Conc: 0.84 ng/ml m



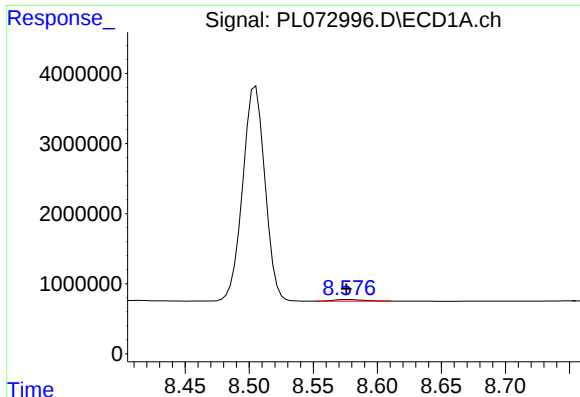
#17 4,4'-DDT

R.T.: 8.505 min
Delta R.T.: 0.000 min
Response: 37049839
Conc: 97.36 ng/ml



#17 4,4'-DDT

R.T.: 9.303 min
Delta R.T.: -0.001 min
Response: 125546547
Conc: 91.53 ng/ml



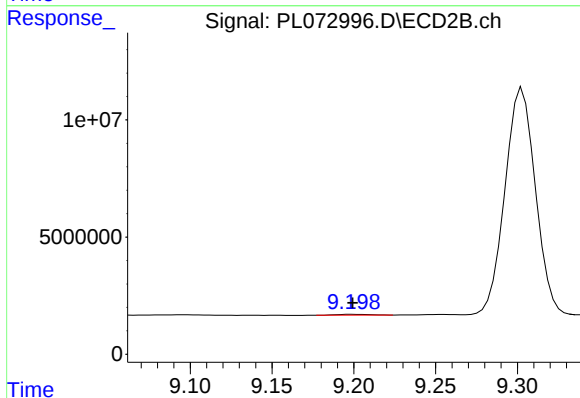
#18 Endrin aldehyde

R.T.: 8.576 min
Delta R.T.: 0.000 min
Response: 346488
Conc: 1.08 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

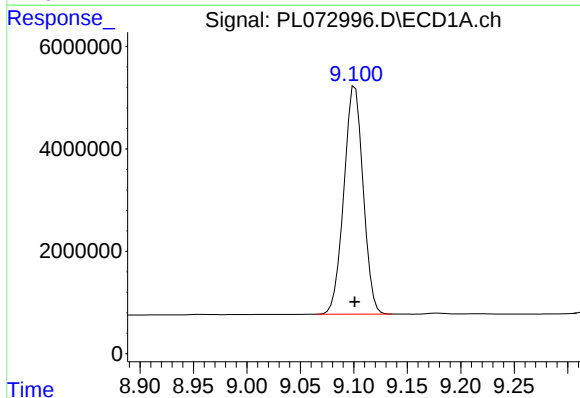
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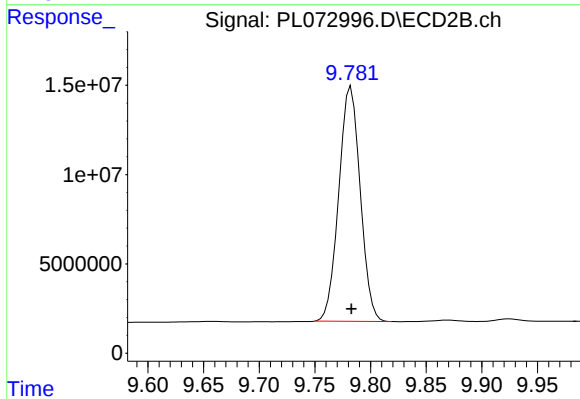
#18 Endrin aldehyde

R.T.: 9.198 min
Delta R.T.: 0.000 min
Response: 458842
Conc: 0.42 ng/ml m



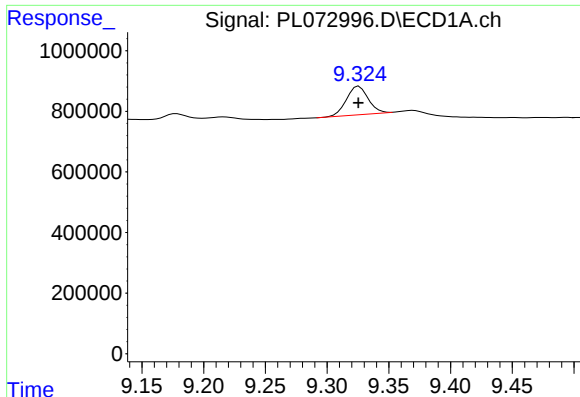
#20 Methoxychlor

R.T.: 9.100 min
Delta R.T.: -0.001 min
Response: 55875690
Conc: 223.71 ng/ml m



#20 Methoxychlor

R.T.: 9.783 min
Delta R.T.: 0.000 min
Response: 176229413
Conc: 225.10 ng/ml



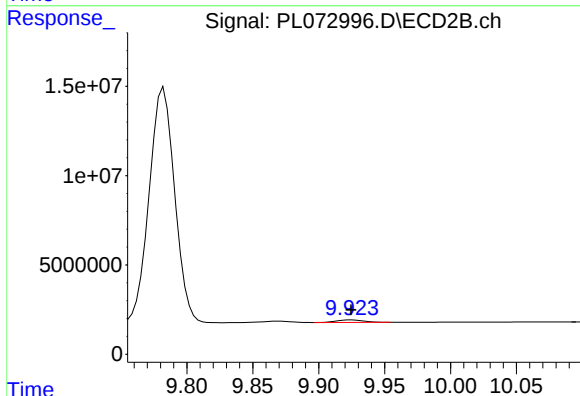
#21 Endrin ketone

R.T.: 9.326 min
Delta R.T.: 0.000 min
Response: 1151156
Conc: 2.32 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

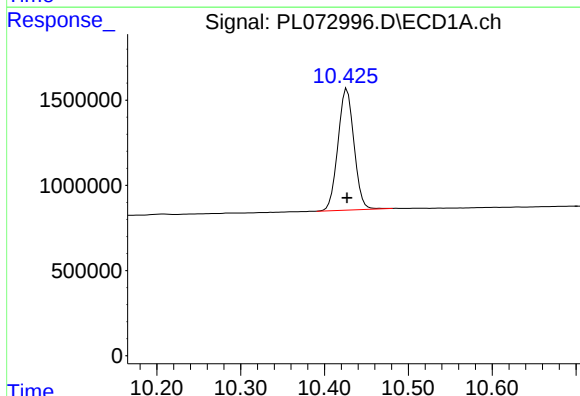
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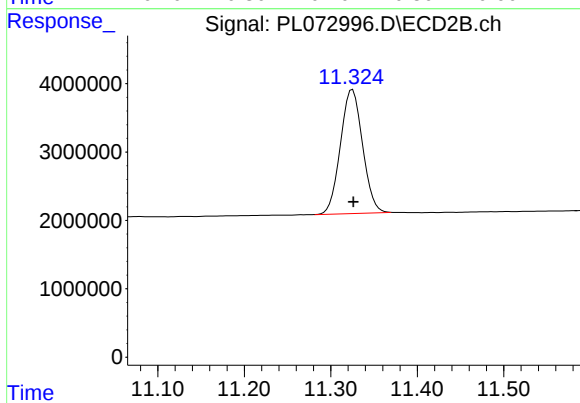
#21 Endrin ketone

R.T.: 9.925 min
Delta R.T.: 0.000 min
Response: 1933607
Conc: 1.32 ng/ml



#28 Decachlorobiphenyl

R.T.: 10.427 min
Delta R.T.: 0.000 min
Response: 9472100
Conc: 20.24 ng/ml



#28 Decachlorobiphenyl

R.T.: 11.325 min
Delta R.T.: -0.001 min
Response: 32148956
Conc: 20.38 ng/ml