

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\pl042722\
 Data File : PL074394.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 27 Apr 2022 10:46
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 04/28/2022
 Supervised By : mohammad ahmed 04/28/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 27 23:24:57 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...	4.635	5.490	7252121	38398472	22.445	21.536
28)	SA Decachlor...	10.405	11.334	12095611	40177062	23.259m	22.746
Target Compounds							
2)	A alpha-BHC	5.343	6.052	4385923	24205662	10.451	9.613
3)	MA gamma-BHC...	5.766	6.442	4388455	23496796	10.464	9.926
6)	B beta-BHC	6.147	6.679	2553639	12705860	12.498	11.274
12)	B 4,4'-DDE	7.640	8.463	171519	784485	0.470	0.394
14)	MA Endrin	8.060	8.846	20894888	92692260	51.436	54.729
16)	A 4,4'-DDD	8.225	8.989	3522037	20494759	10.907	13.320
17)	MA 4,4'-DDT	8.487	9.308	33652442	153.7E6	91.041	86.701
18)	B Endrin al...	8.560	9.202	482448	931745	1.491	0.721m#
20)	A Methoxychlor	9.082	9.788	50918230	201.8E6	205.093	209.830
21)	B Endrin ke...	9.308	9.929	1861007	5849267	3.809	3.379

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

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Operator : AR\AJ
Sample : PEM
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ALS Vial : 3 Sample Multiplier: 1

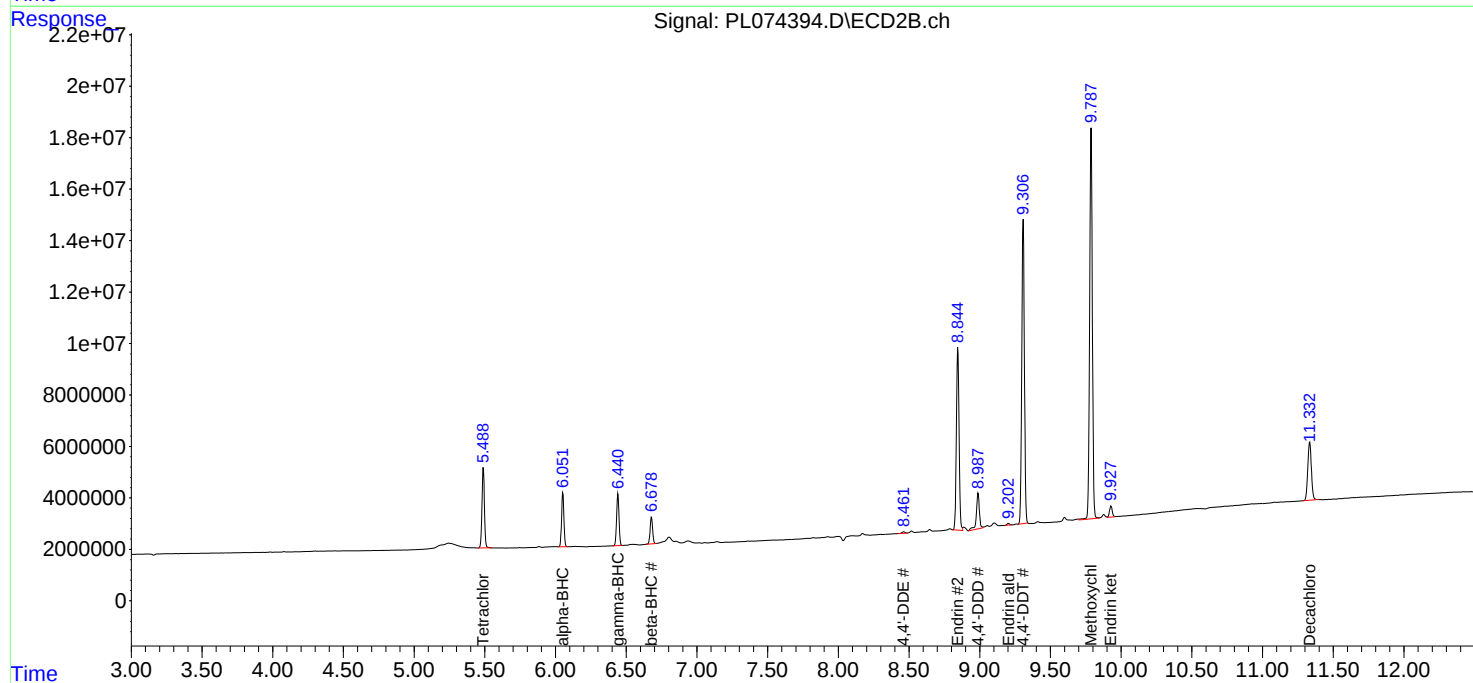
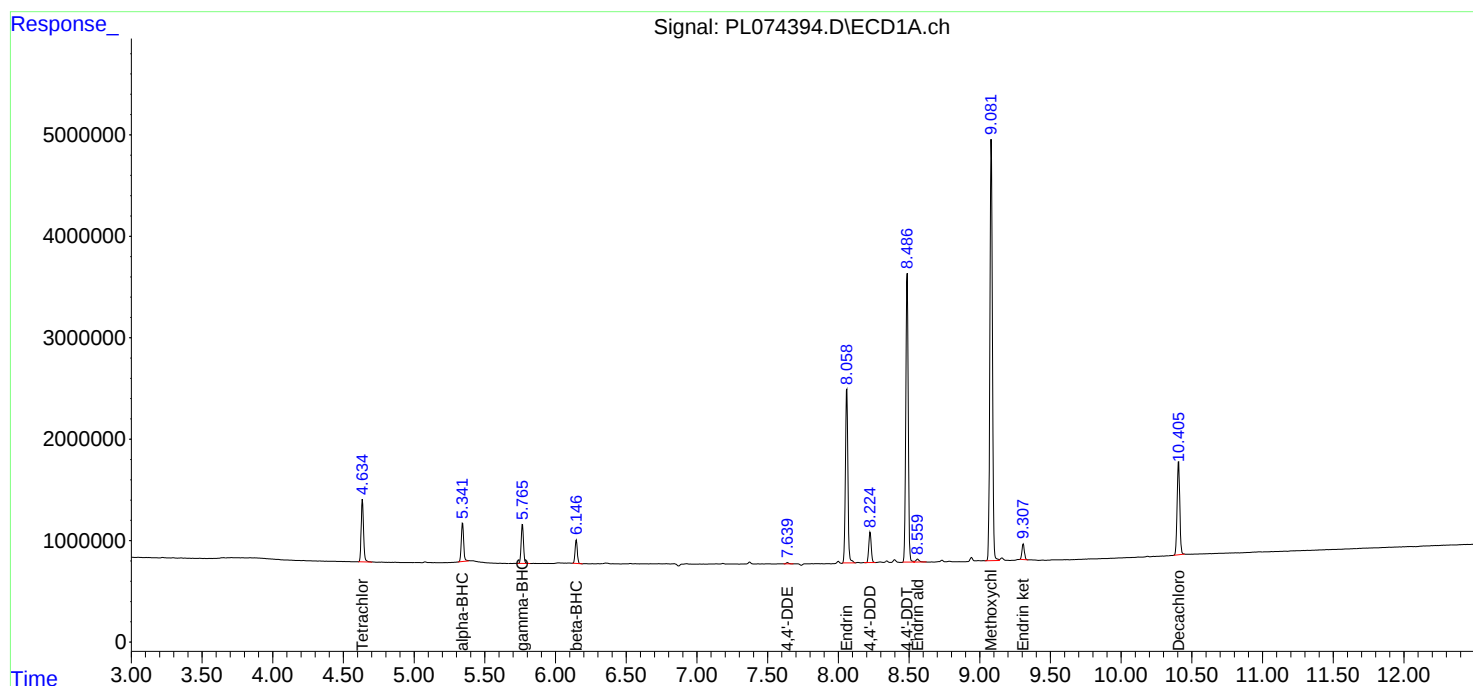
Instrument :
ECD_L
ClientSampleId :
PEM

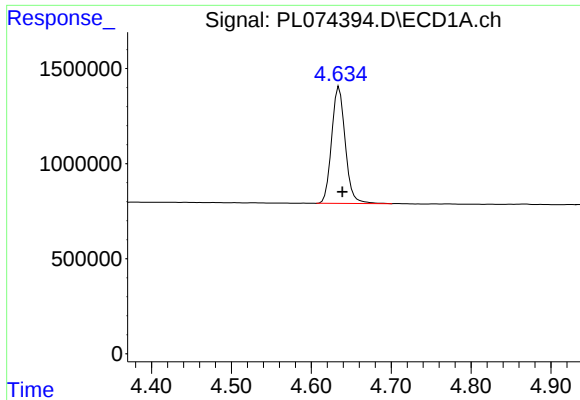
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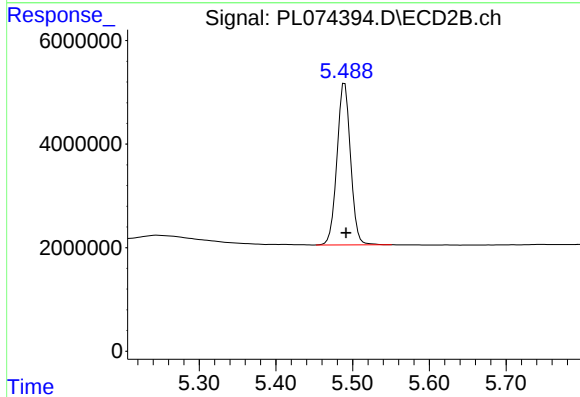
#1 Tetrachloro-m-xylene

R.T.: 4.635 min
Delta R.T.: -0.004 min
Response: 7252121
Conc: 22.44 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

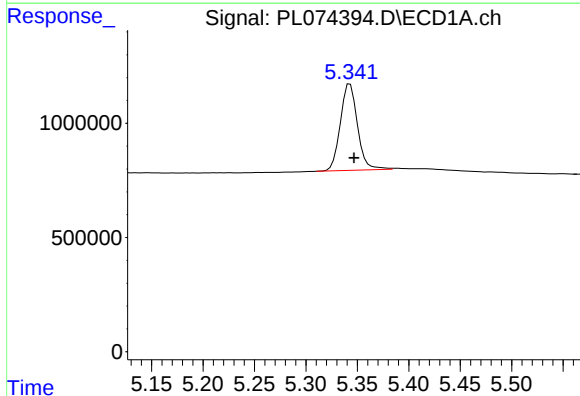
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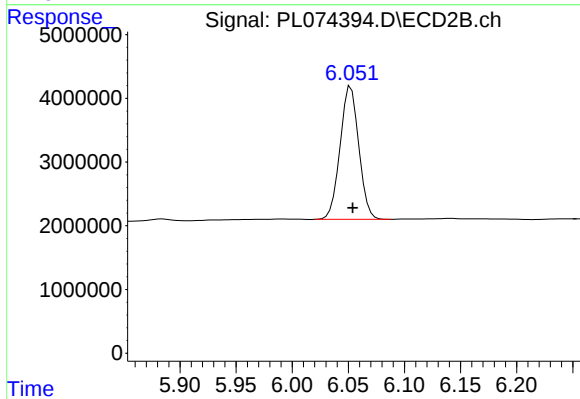
#1 Tetrachloro-m-xylene

R.T.: 5.490 min
Delta R.T.: -0.002 min
Response: 38398472
Conc: 21.54 ng/ml



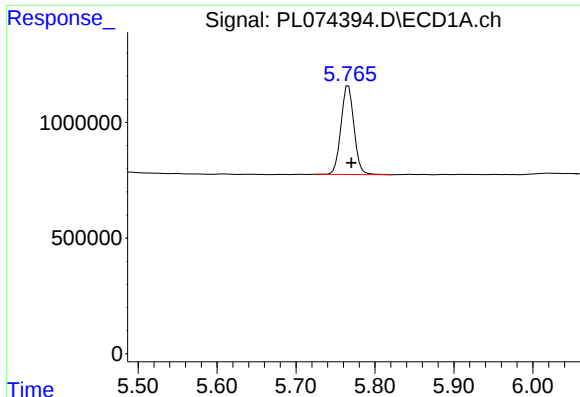
#2 alpha-BHC

R.T.: 5.343 min
Delta R.T.: -0.004 min
Response: 4385923
Conc: 10.45 ng/ml



#2 alpha-BHC

R.T.: 6.052 min
Delta R.T.: -0.002 min
Response: 24205662
Conc: 9.61 ng/ml



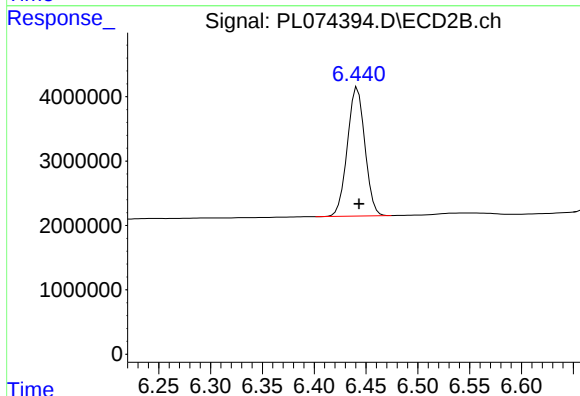
#3 gamma-BHC (Lindane)

R.T.: 5.766 min
Delta R.T.: -0.004 min
Response: 4388455
Conc: 10.46 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

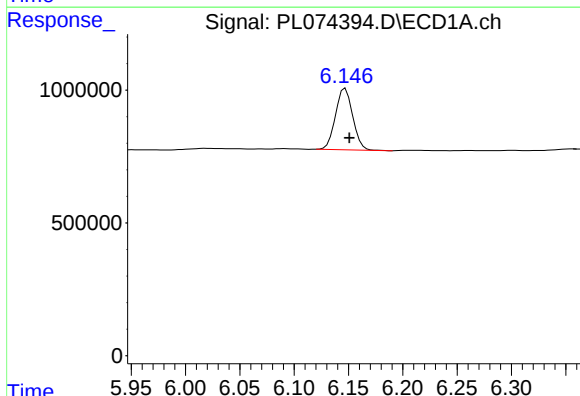
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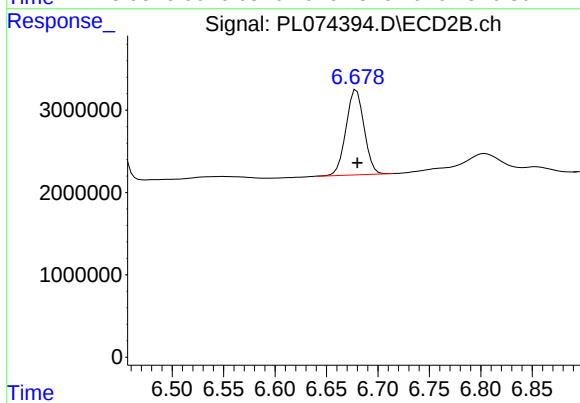
#3 gamma-BHC (Lindane)

R.T.: 6.442 min
Delta R.T.: -0.001 min
Response: 23496796
Conc: 9.93 ng/ml



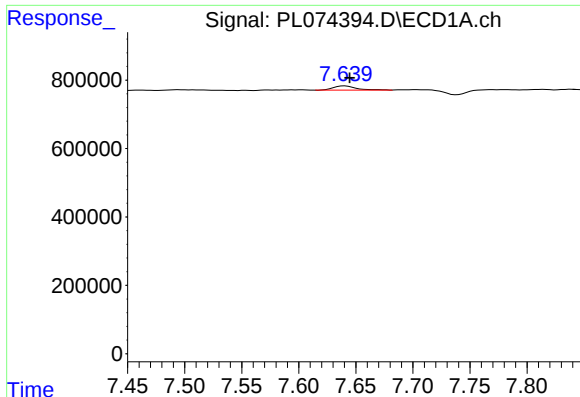
#6 beta-BHC

R.T.: 6.147 min
Delta R.T.: -0.004 min
Response: 2553639
Conc: 12.50 ng/ml



#6 beta-BHC

R.T.: 6.679 min
Delta R.T.: 0.000 min
Response: 12705860
Conc: 11.27 ng/ml



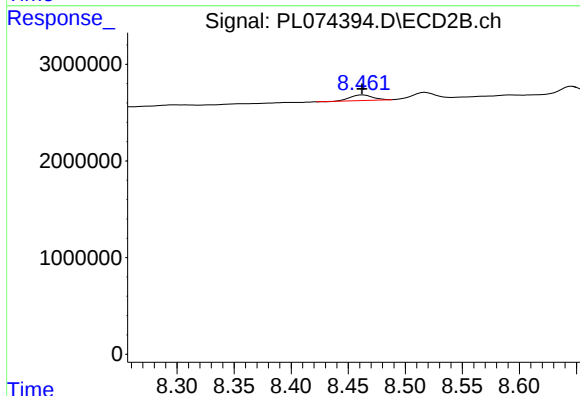
#12 4,4'-DDE

R.T.: 7.640 min
Delta R.T.: -0.004 min
Response: 171519
Conc: 0.47 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

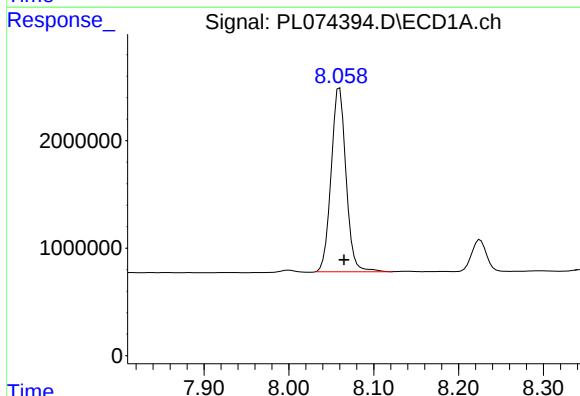
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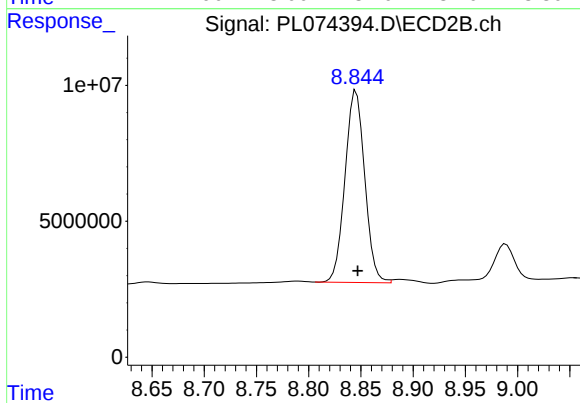
#12 4,4'-DDE

R.T.: 8.463 min
Delta R.T.: 0.000 min
Response: 784485
Conc: 0.39 ng/ml



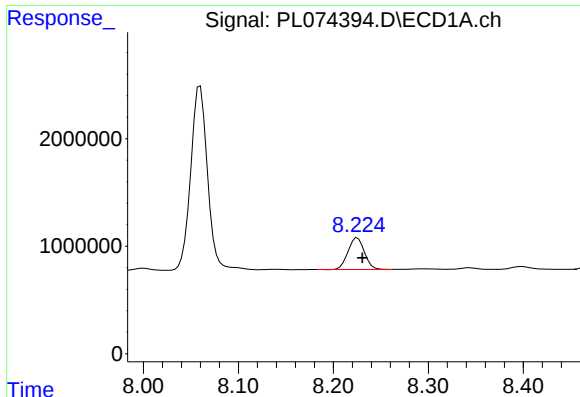
#14 Endrin

R.T.: 8.060 min
Delta R.T.: -0.005 min
Response: 20894888
Conc: 51.44 ng/ml



#14 Endrin

R.T.: 8.846 min
Delta R.T.: -0.002 min
Response: 92692260
Conc: 54.73 ng/ml



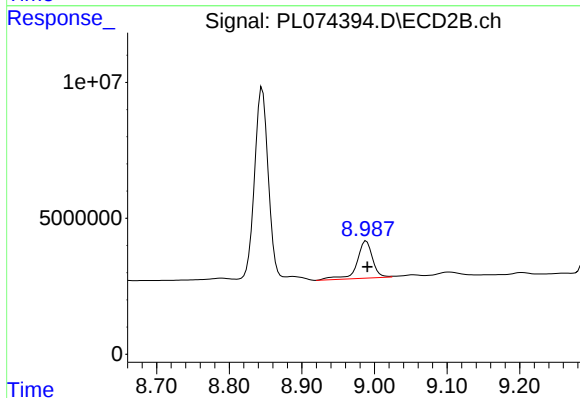
#16 4,4'-DDD

R.T.: 8.225 min
Delta R.T.: -0.005 min
Response: 3522037
Conc: 10.91 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

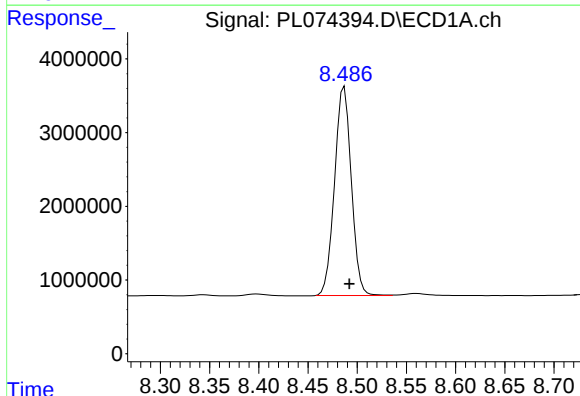
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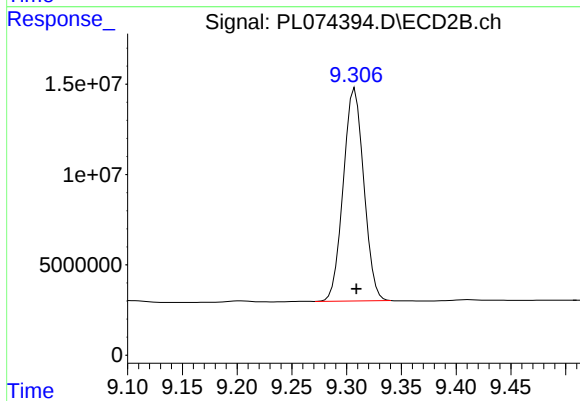
#16 4,4'-DDD

R.T.: 8.989 min
Delta R.T.: -0.001 min
Response: 20494759
Conc: 13.32 ng/ml



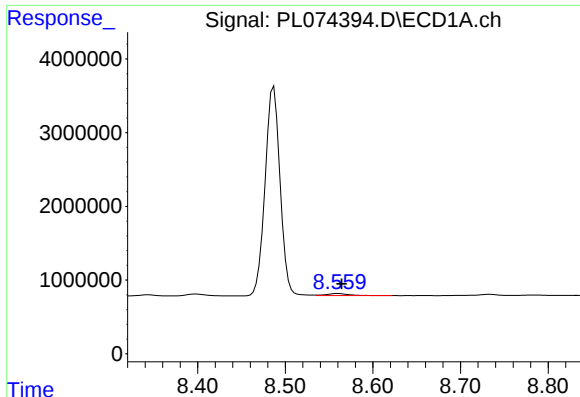
#17 4,4'-DDT

R.T.: 8.487 min
Delta R.T.: -0.005 min
Response: 33652442
Conc: 91.04 ng/ml



#17 4,4'-DDT

R.T.: 9.308 min
Delta R.T.: -0.001 min
Response: 153692487
Conc: 86.70 ng/ml



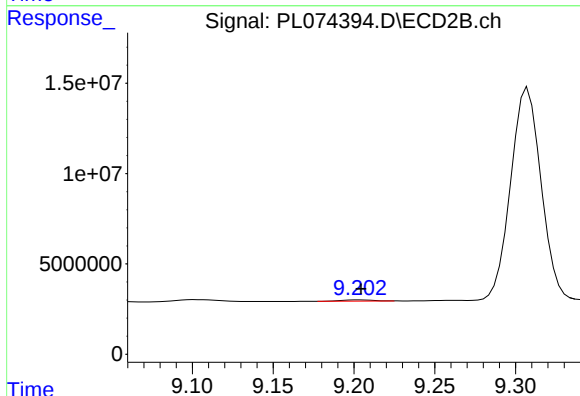
#18 Endrin aldehyde

R.T.: 8.560 min
Delta R.T.: -0.004 min
Response: 482448
Conc: 1.49 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

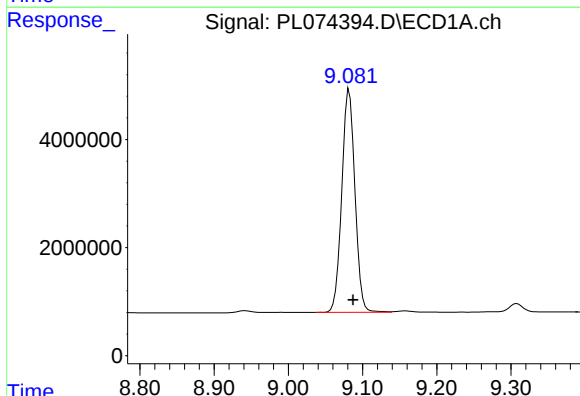
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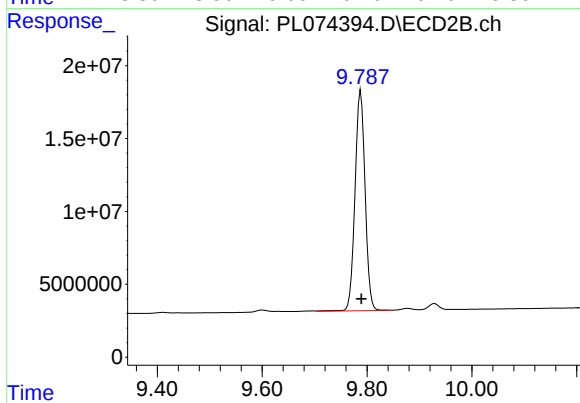
#18 Endrin aldehyde

R.T.: 9.202 min
Delta R.T.: -0.002 min
Response: 931745
Conc: 0.72 ng/ml m



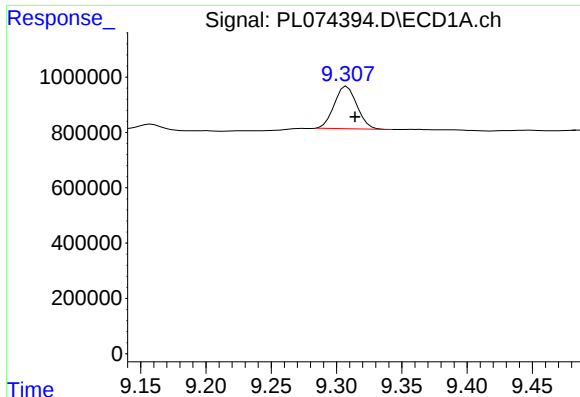
#20 Methoxychlor

R.T.: 9.082 min
Delta R.T.: -0.005 min
Response: 50918230
Conc: 205.09 ng/ml



#20 Methoxychlor

R.T.: 9.788 min
Delta R.T.: -0.001 min
Response: 201824193
Conc: 209.83 ng/ml



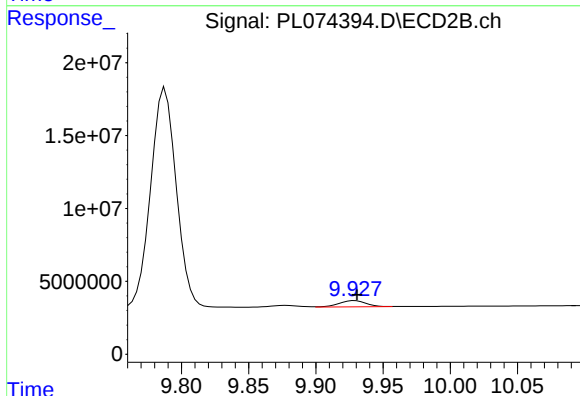
#21 Endrin ketone

R.T.: 9.308 min
Delta R.T.: -0.006 min
Response: 1861007
Conc: 3.81 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

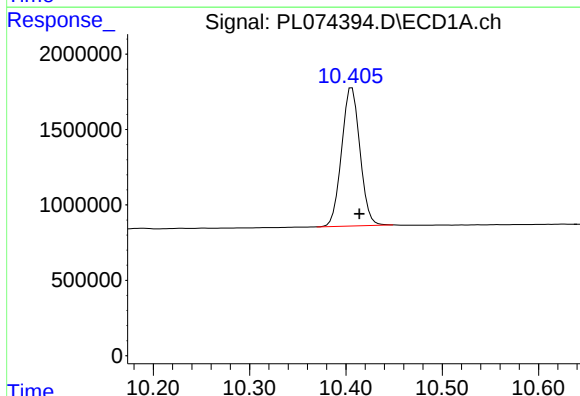
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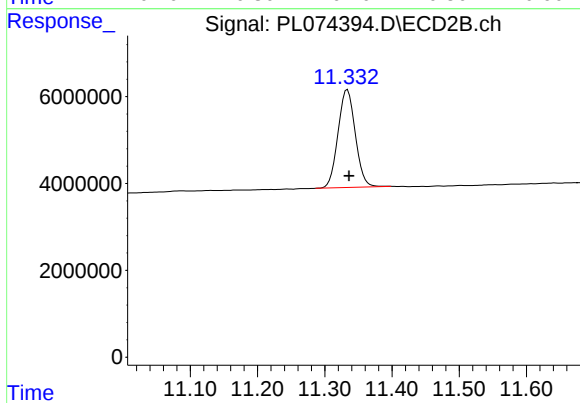
#21 Endrin ketone

R.T.: 9.929 min
Delta R.T.: -0.002 min
Response: 5849267
Conc: 3.38 ng/ml



#28 Decachlorobiphenyl

R.T.: 10.405 min
Delta R.T.: -0.009 min
Response: 12095611
Conc: 23.26 ng/ml m



#28 Decachlorobiphenyl

R.T.: 11.334 min
Delta R.T.: -0.002 min
Response: 40177062
Conc: 22.75 ng/ml