

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL021921\
 Data File : PL064830.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 19 Feb 2021 09:50
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PEM

Manual Integrations
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Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 19 12:37:39 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL020821.M
 Quant Title : GC Extractables
 QLast Update : Tue Feb 09 04:41:29 2021
 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...	3.431	4.100	56021630	46655081	19.912	21.598
28)	SA Decachlor...	8.155	9.261	47450035	36754069	21.100	19.351
Target Compounds							
2)	A alpha-BHC	3.865	4.502	40909566	28681738	8.821	9.469
3)	MA gamma-BHC...	4.145	4.795	36063251	27069636	8.341	9.530
6)	B beta-BHC	4.397	4.974	17849178	14429792	10.443	7.871
12)	B 4,4'-DDE	5.577	6.476	958138	727030	0.306m	0.358m
14)	MA Endrin	5.962	6.857	128.5E6	79477352	42.791	43.964
16)	A 4,4'-DDD	6.092	6.976	20770783	14758018	8.201	8.513
17)	MA 4,4'-DDT	6.331	7.276	207.5E6	139.5E6	92.021	91.521
18)	B Endrin al...	6.403	7.195	3594756	1886098	1.474	1.158m
20)	A Methoxychlor	6.878	7.737	262.7E6	193.2E6	202.853	213.751
21)	B Endrin ke...	7.101	7.900	12480469	7157290	4.352	3.744

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

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Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

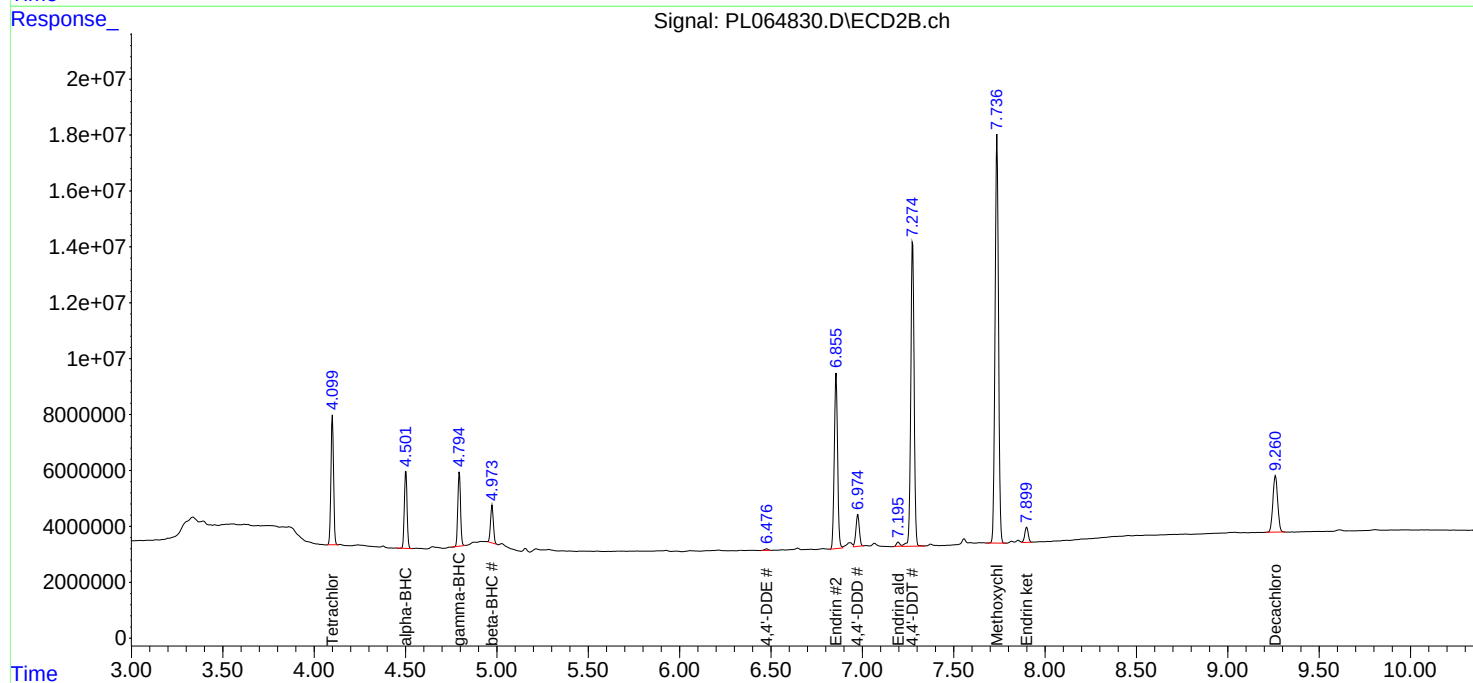
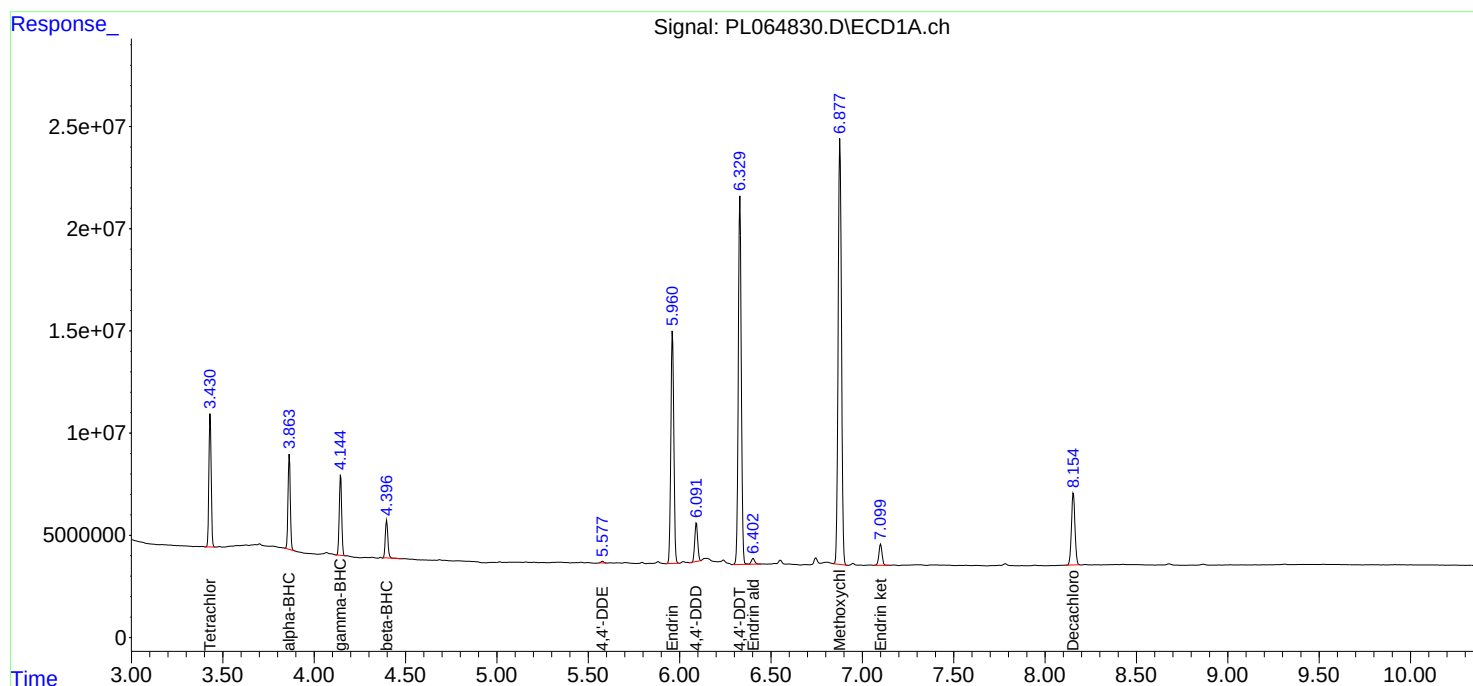
Instrument :
ECD_L
ClientSampled :
PEM

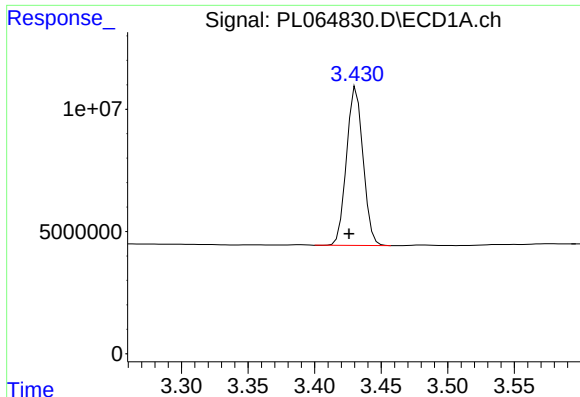
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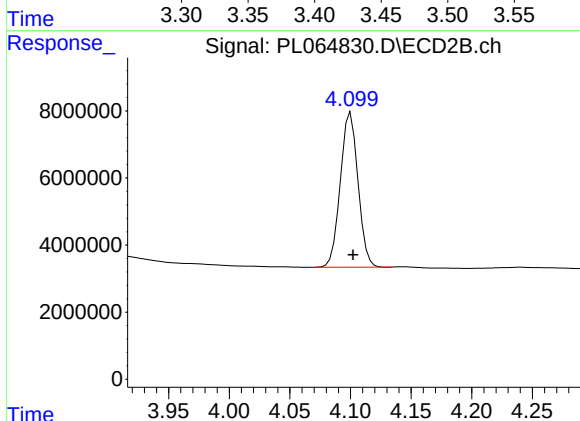
#1 Tetrachloro-m-xylene

R.T.: 3.431 min
Delta R.T.: 0.005 min
Response: 56021630
Conc: 19.91 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

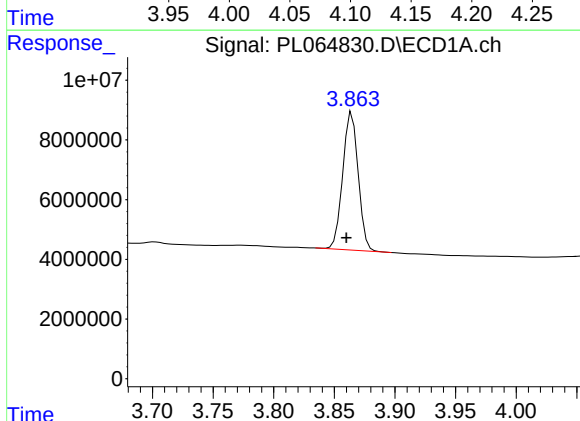
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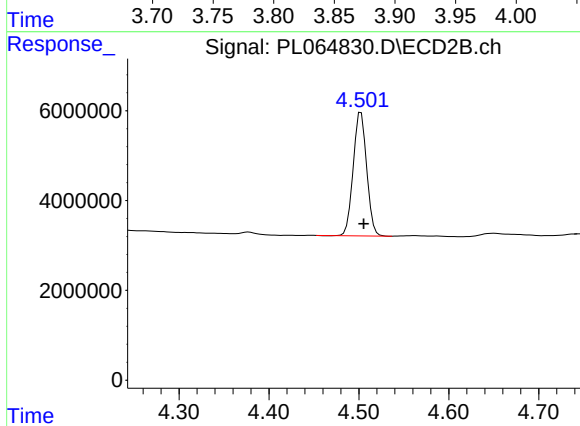
#1 Tetrachloro-m-xylene

R.T.: 4.100 min
Delta R.T.: -0.002 min
Response: 46655081
Conc: 21.60 ng/ml



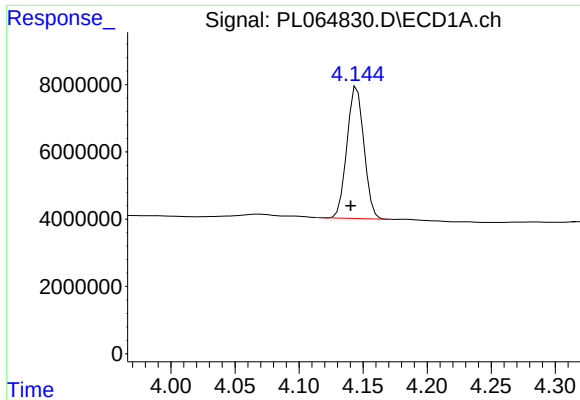
#2 alpha-BHC

R.T.: 3.865 min
Delta R.T.: 0.005 min
Response: 40909566
Conc: 8.82 ng/ml



#2 alpha-BHC

R.T.: 4.502 min
Delta R.T.: -0.003 min
Response: 28681738
Conc: 9.47 ng/ml



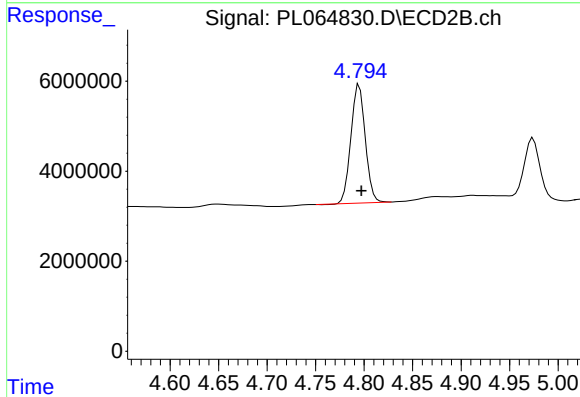
#3 gamma-BHC (Lindane)

R.T.: 4.145 min
Delta R.T.: 0.005 min
Response: 36063251
Conc: 8.34 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

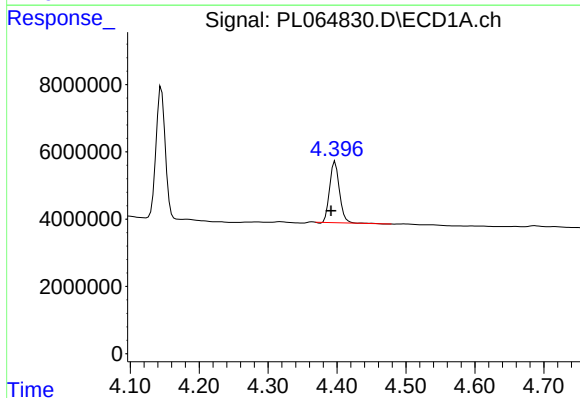
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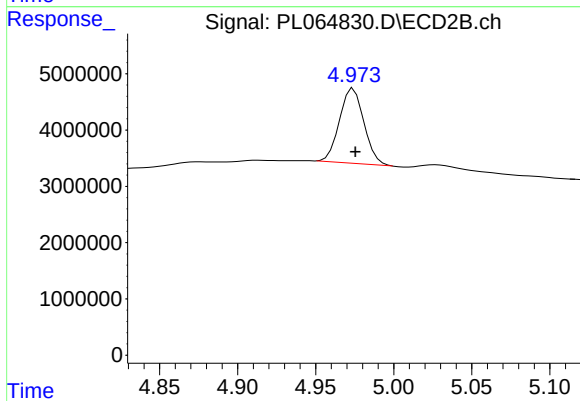
#3 gamma-BHC (Lindane)

R.T.: 4.795 min
Delta R.T.: -0.002 min
Response: 27069636
Conc: 9.53 ng/ml



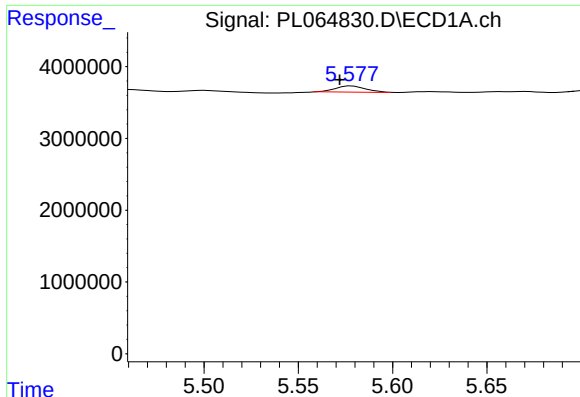
#6 beta-BHC

R.T.: 4.397 min
Delta R.T.: 0.006 min
Response: 17849178
Conc: 10.44 ng/ml



#6 beta-BHC

R.T.: 4.974 min
Delta R.T.: -0.001 min
Response: 14429792
Conc: 7.87 ng/ml



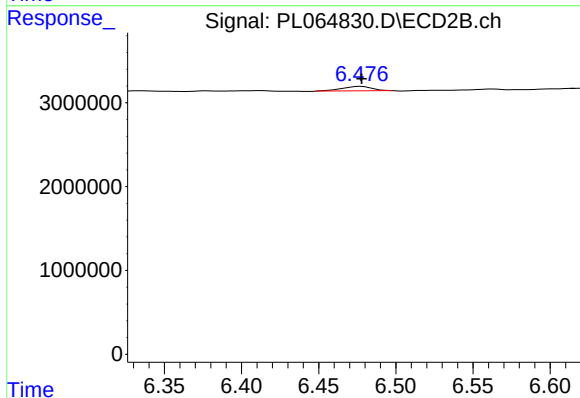
#12 4,4'-DDE

R.T.: 5.577 min
Delta R.T.: 0.005 min
Response: 958138
Conc: 0.31 ng/ml m

Instrument :
ECD_L
ClientSampleId :
PEM

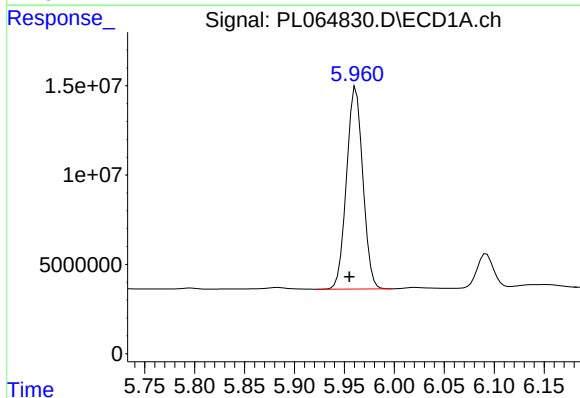
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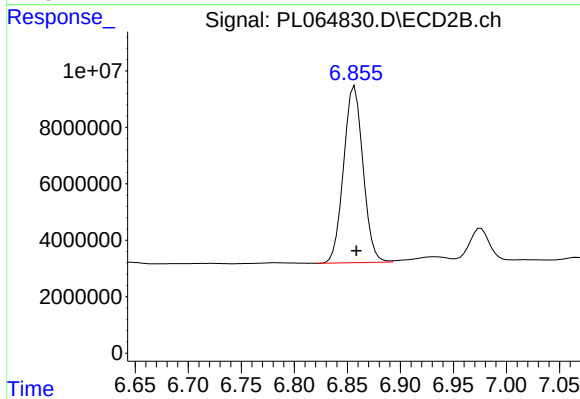
#12 4,4'-DDE

R.T.: 6.476 min
Delta R.T.: -0.002 min
Response: 727030
Conc: 0.36 ng/ml m



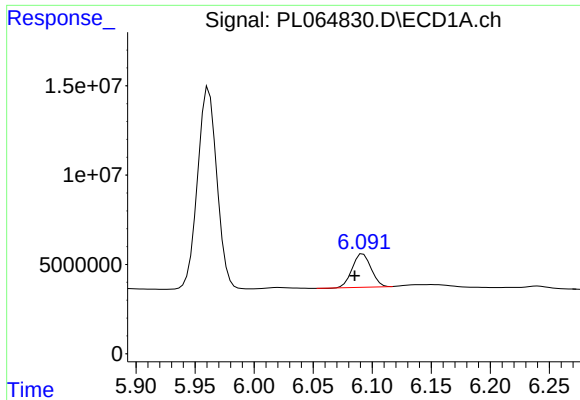
#14 Endrin

R.T.: 5.962 min
Delta R.T.: 0.007 min
Response: 128517589
Conc: 42.79 ng/ml



#14 Endrin

R.T.: 6.857 min
Delta R.T.: -0.002 min
Response: 79477352
Conc: 43.96 ng/ml



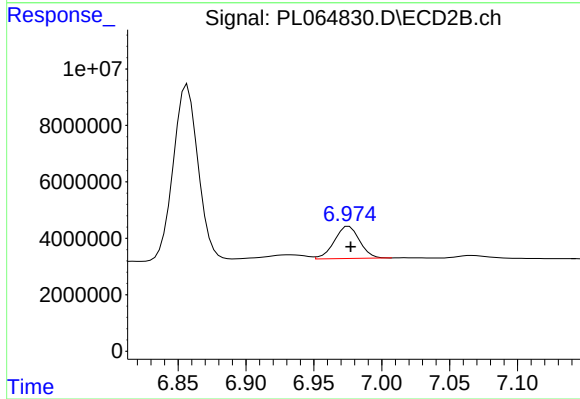
#16 4,4'-DDD

R.T.: 6.092 min
Delta R.T.: 0.007 min
Response: 20770783
Conc: 8.20 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

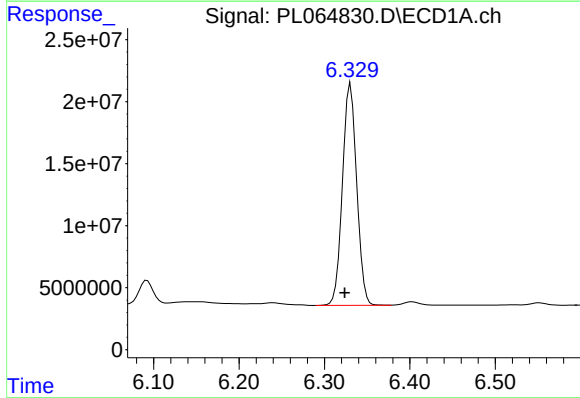
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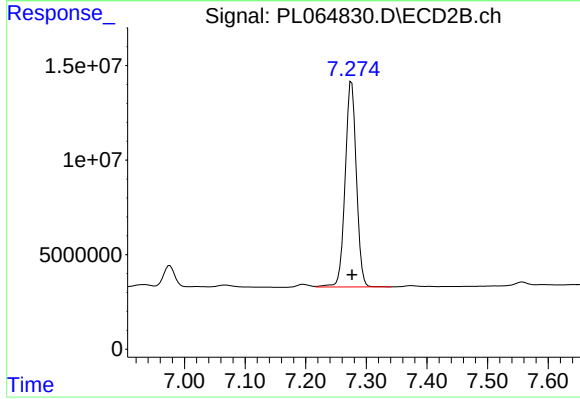
#16 4,4'-DDD

R.T.: 6.976 min
Delta R.T.: -0.001 min
Response: 14758018
Conc: 8.51 ng/ml



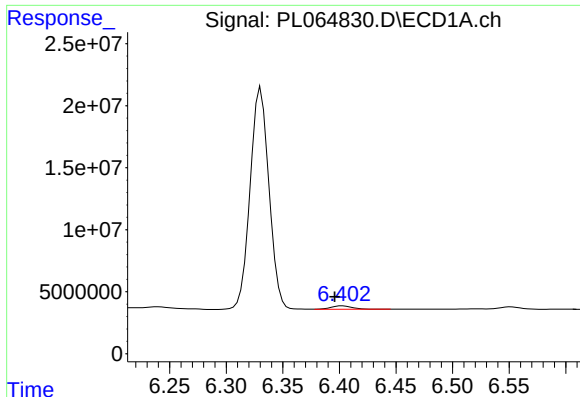
#17 4,4'-DDT

R.T.: 6.331 min
Delta R.T.: 0.007 min
Response: 207505398
Conc: 92.02 ng/ml



#17 4,4'-DDT

R.T.: 7.276 min
Delta R.T.: 0.000 min
Response: 139538655
Conc: 91.52 ng/ml



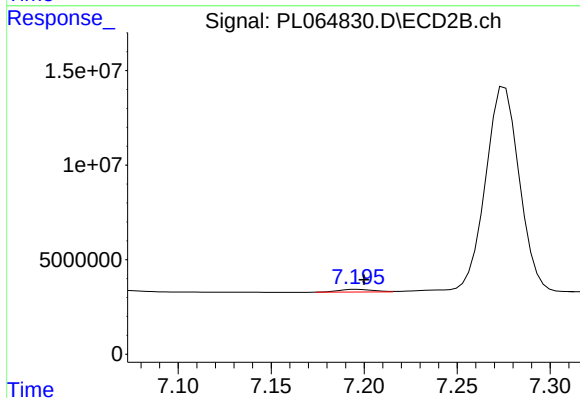
#18 Endrin aldehyde

R.T.: 6.403 min
Delta R.T.: 0.007 min
Response: 3594756
Conc: 1.47 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

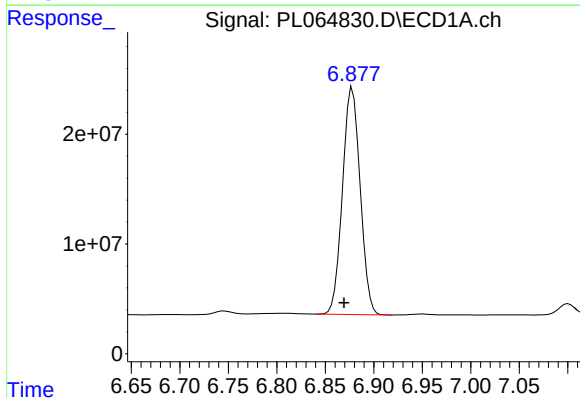
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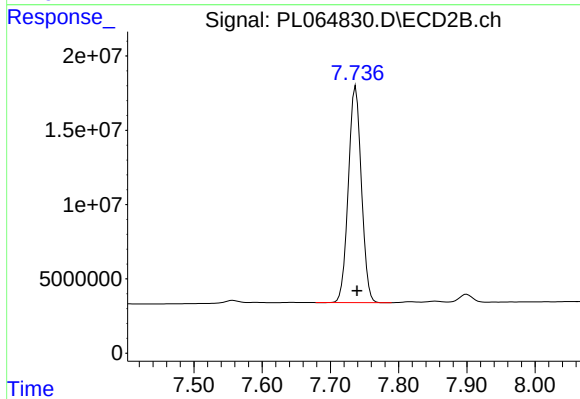
#18 Endrin aldehyde

R.T.: 7.195 min
Delta R.T.: -0.005 min
Response: 1886098
Conc: 1.16 ng/ml m



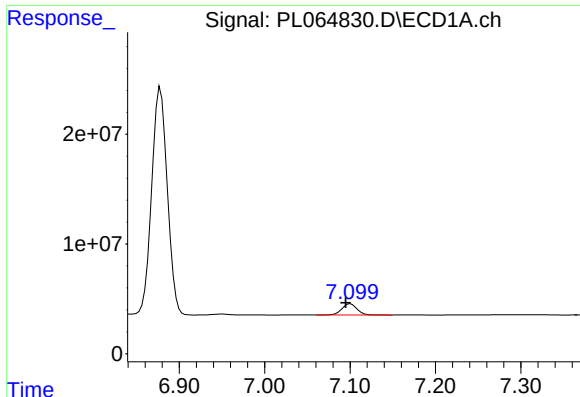
#20 Methoxychlor

R.T.: 6.878 min
Delta R.T.: 0.008 min
Response: 262662850
Conc: 202.85 ng/ml



#20 Methoxychlor

R.T.: 7.737 min
Delta R.T.: -0.002 min
Response: 193222131
Conc: 213.75 ng/ml



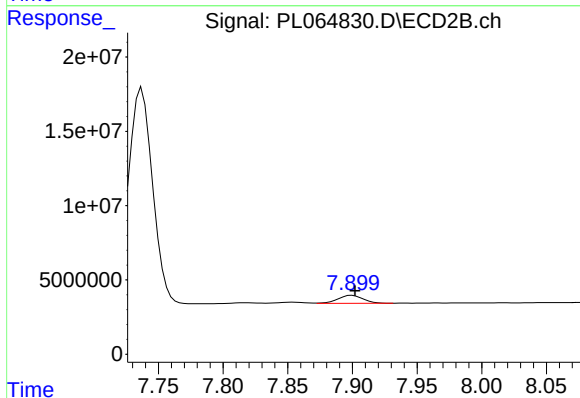
#21 Endrin ketone

R.T.: 7.101 min
Delta R.T.: 0.006 min
Response: 12480469
Conc: 4.35 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

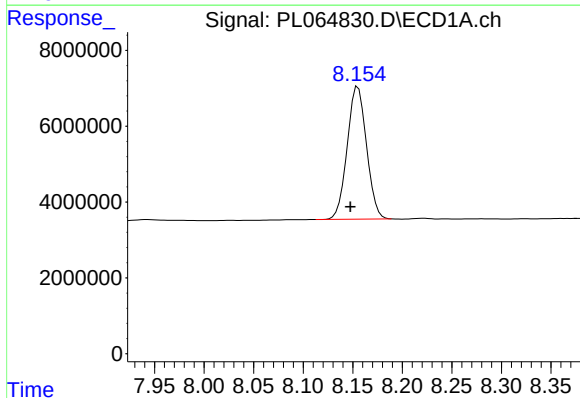
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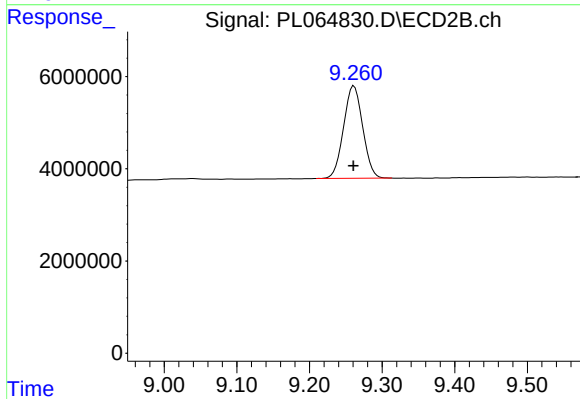
#21 Endrin ketone

R.T.: 7.900 min
Delta R.T.: -0.002 min
Response: 7157290
Conc: 3.74 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.155 min
Delta R.T.: 0.007 min
Response: 47450035
Conc: 21.10 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.261 min
Delta R.T.: 0.000 min
Response: 36754069
Conc: 19.35 ng/ml