

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL021521\
 Data File : PL064794.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 15 Feb 2021 09:25
 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 15 14:40:56 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...	3.425	4.100	60403534	49246448	21.469	22.797
28)	SA Decachlor...	8.145	9.256	48431167	39324262	21.536	20.704
Target Compounds							
2)	A alpha-BHC	3.857	4.502	45485273	30495846	9.808	10.068
3)	MA gamma-BHC...	4.137	4.794	40672956	28485977	9.407	10.029
6)	B beta-BHC	4.388	4.972	18585158	16507378	10.874	9.586m
12)	B 4,4'-DDE	5.567	6.473	931807	616170	0.298m	0.304m
14)	MA Endrin	5.951	6.854	142.4E6	87538661	47.429	48.423
16)	A 4,4'-DDD	6.082	6.972	16025099	10087439	6.328	5.819m
17)	MA 4,4'-DDT	6.321	7.273	228.9E6	153.6E6	101.495	100.715
18)	B Endrin al...	6.391	7.194	2453721	1874612	1.006m	1.151m
20)	A Methoxychlor	6.868	7.734	292.5E6	217.1E6	225.898	240.203
21)	B Endrin ke...	7.091	7.897	9984505	5983374	3.481	3.130

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

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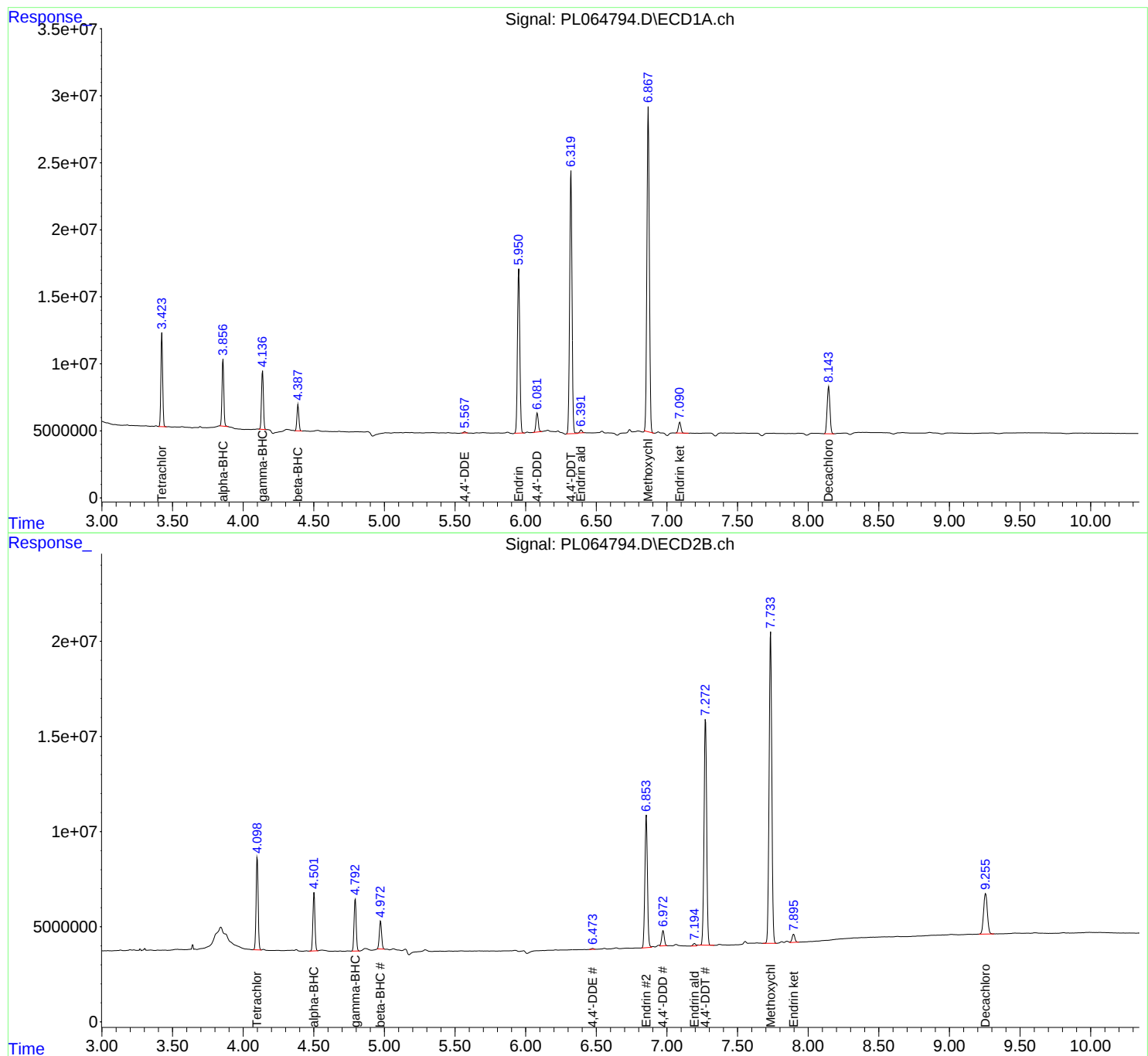
Instrument :
ECD_L
ClientSampleId :
PEM

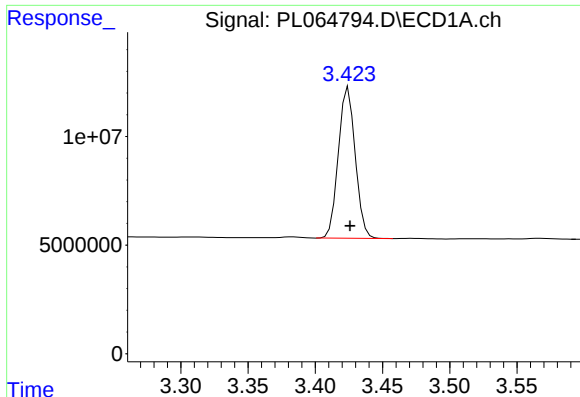
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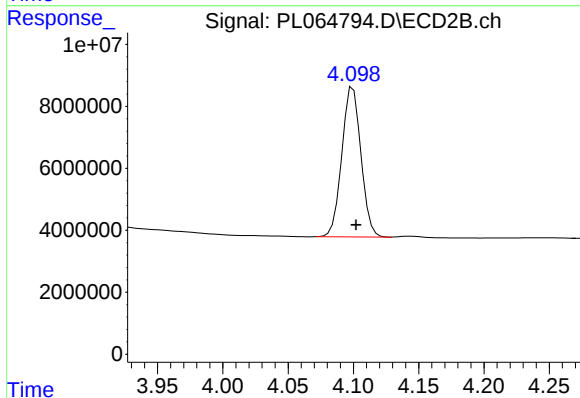
#1 Tetrachloro-m-xylene

R.T.: 3.425 min
Delta R.T.: -0.001 min
Response: 60403534
Conc: 21.47 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

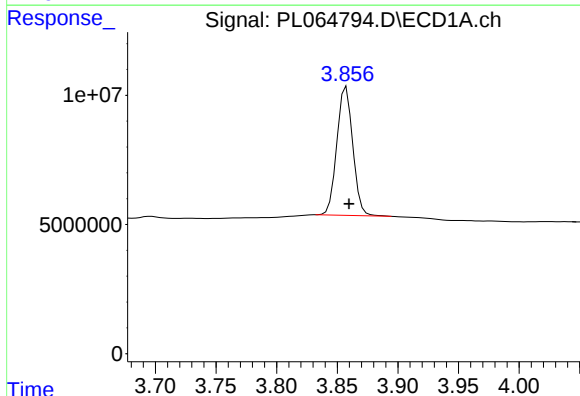
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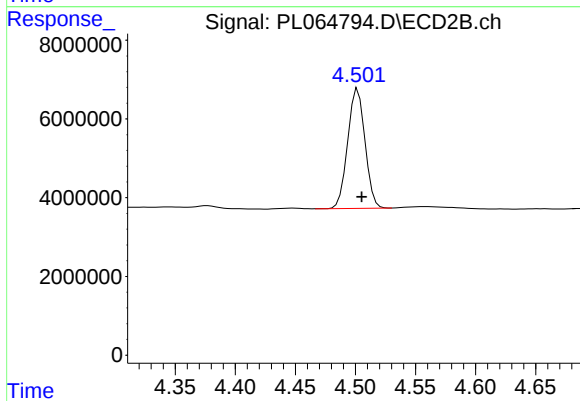
#1 Tetrachloro-m-xylene

R.T.: 4.100 min
Delta R.T.: -0.002 min
Response: 49246448
Conc: 22.80 ng/ml



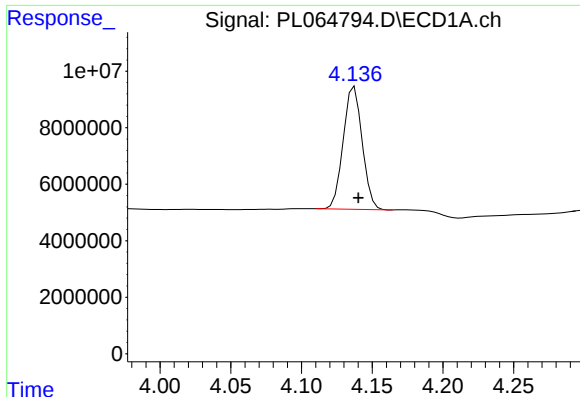
#2 alpha-BHC

R.T.: 3.857 min
Delta R.T.: -0.002 min
Response: 45485273
Conc: 9.81 ng/ml



#2 alpha-BHC

R.T.: 4.502 min
Delta R.T.: -0.003 min
Response: 30495846
Conc: 10.07 ng/ml



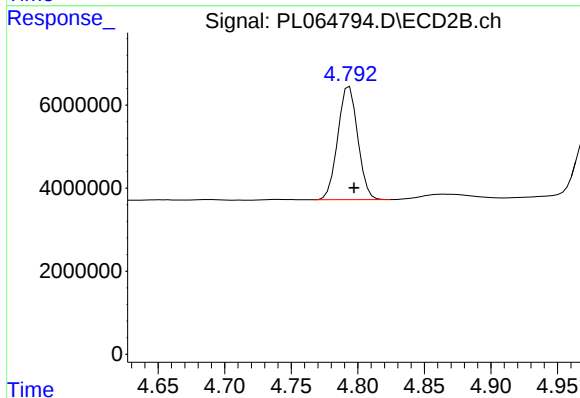
#3 gamma-BHC (Lindane)

R.T.: 4.137 min
Delta R.T.: -0.003 min
Response: 40672956
Conc: 9.41 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

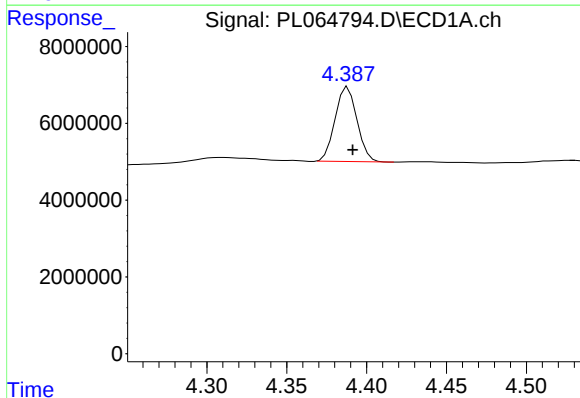
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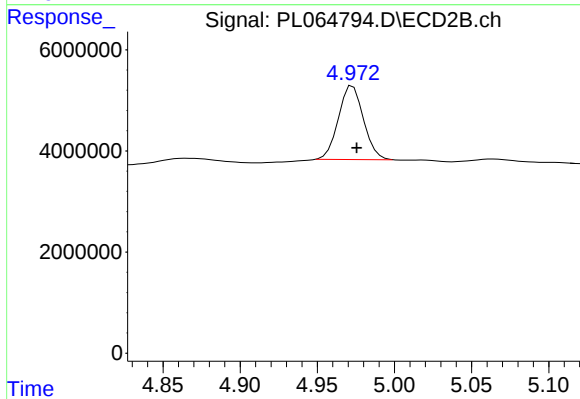
#3 gamma-BHC (Lindane)

R.T.: 4.794 min
Delta R.T.: -0.004 min
Response: 28485977
Conc: 10.03 ng/ml



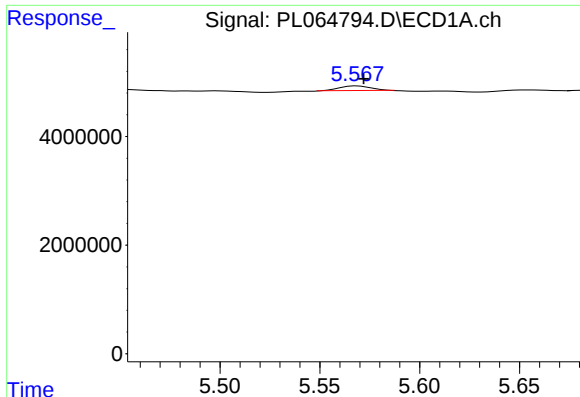
#6 beta-BHC

R.T.: 4.388 min
Delta R.T.: -0.003 min
Response: 18585158
Conc: 10.87 ng/ml



#6 beta-BHC

R.T.: 4.972 min
Delta R.T.: -0.004 min
Response: 16507378
Conc: 9.59 ng/ml m



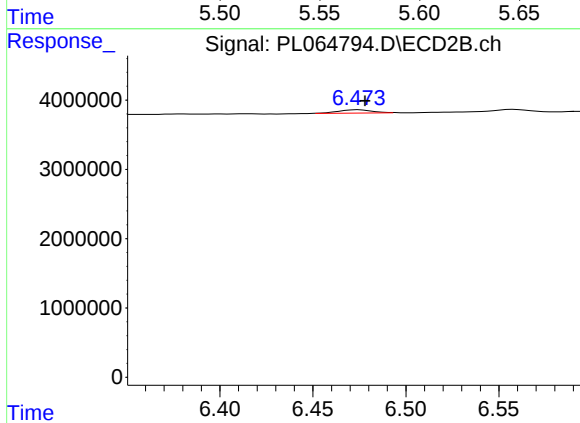
#12 4,4'-DDE

R.T.: 5.567 min
Delta R.T.: -0.005 min
Response: 931807
Conc: 0.30 ng/ml m

Instrument :
ECD_L
ClientSampleId :
PEM

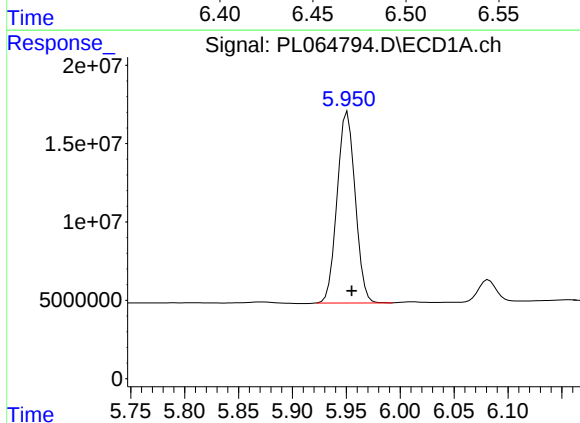
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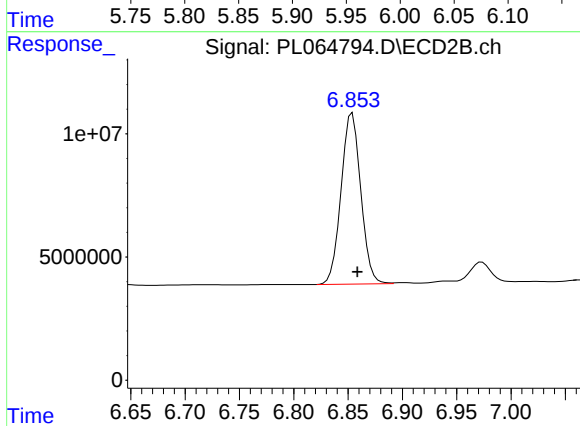
#12 4,4'-DDE

R.T.: 6.473 min
Delta R.T.: -0.005 min
Response: 616170
Conc: 0.30 ng/ml m



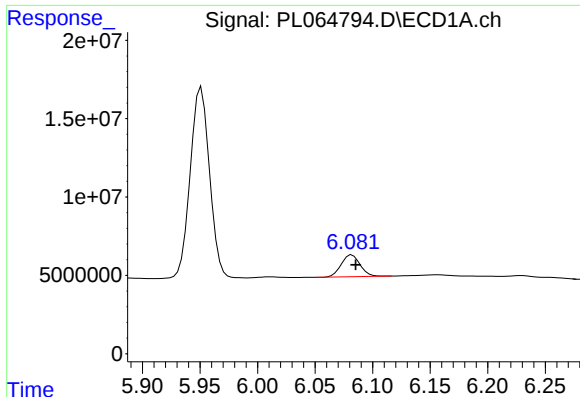
#14 Endrin

R.T.: 5.951 min
Delta R.T.: -0.004 min
Response: 142447169
Conc: 47.43 ng/ml



#14 Endrin

R.T.: 6.854 min
Delta R.T.: -0.004 min
Response: 87538661
Conc: 48.42 ng/ml



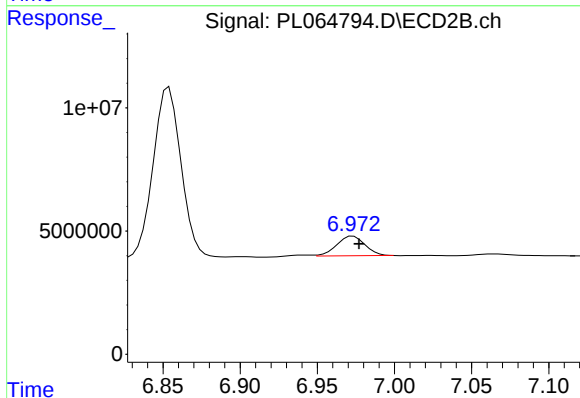
#16 4,4'-DDD

R.T.: 6.082 min
Delta R.T.: -0.003 min
Response: 16025099
Conc: 6.33 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

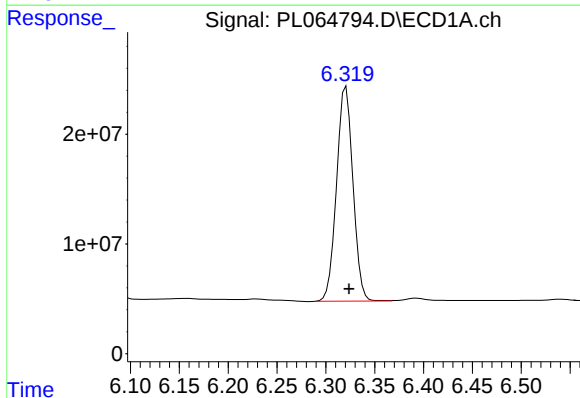
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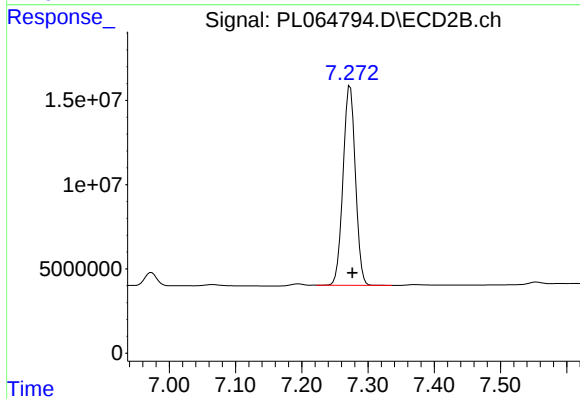
#16 4,4'-DDD

R.T.: 6.972 min
Delta R.T.: -0.005 min
Response: 10087439
Conc: 5.82 ng/ml m



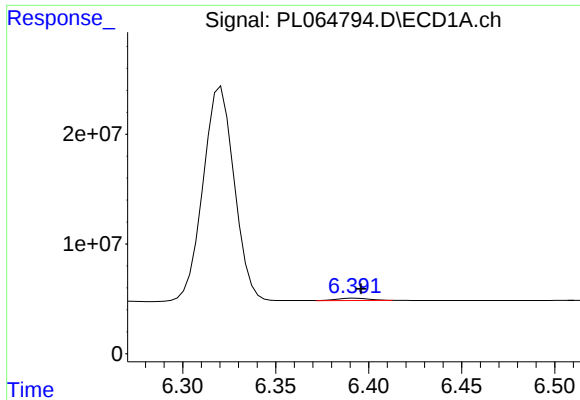
#17 4,4'-DDT

R.T.: 6.321 min
Delta R.T.: -0.003 min
Response: 228869082
Conc: 101.49 ng/ml



#17 4,4'-DDT

R.T.: 7.273 min
Delta R.T.: -0.003 min
Response: 153556650
Conc: 100.72 ng/ml



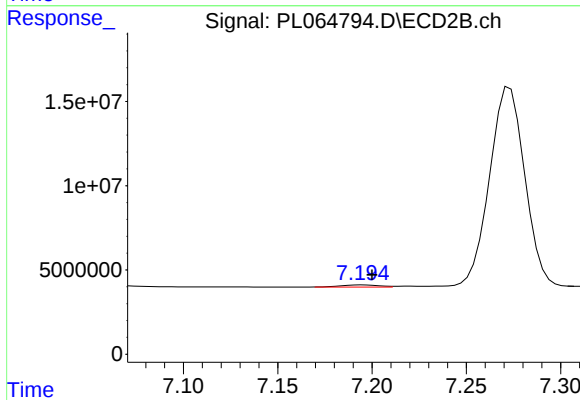
#18 Endrin aldehyde

R.T.: 6.391 min
Delta R.T.: -0.005 min
Response: 2453721
Conc: 1.01 ng/ml m

Instrument :
ECD_L
ClientSampleId :
PEM

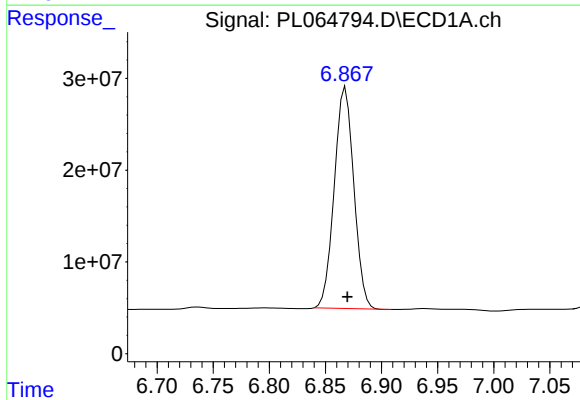
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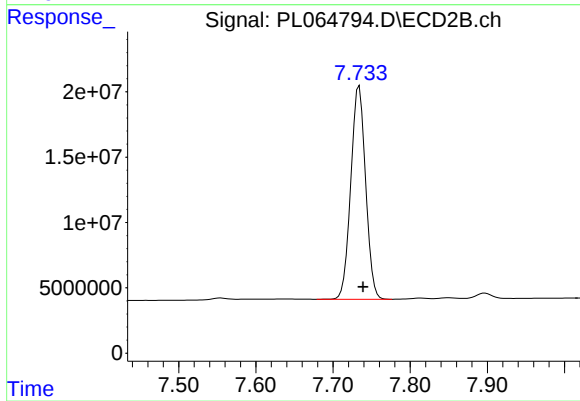
#18 Endrin aldehyde

R.T.: 7.194 min
Delta R.T.: -0.006 min
Response: 1874612
Conc: 1.15 ng/ml m



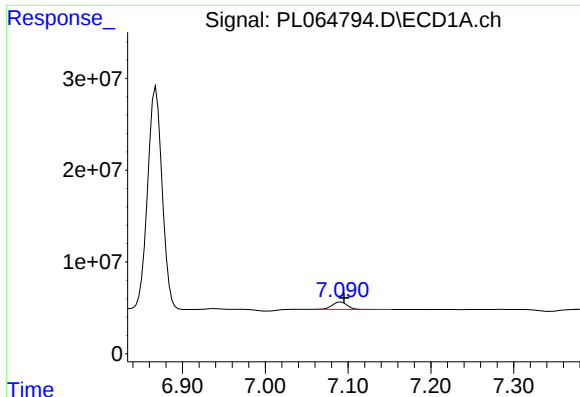
#20 Methoxychlor

R.T.: 6.868 min
Delta R.T.: -0.001 min
Response: 292503107
Conc: 225.90 ng/ml



#20 Methoxychlor

R.T.: 7.734 min
Delta R.T.: -0.005 min
Response: 217133055
Conc: 240.20 ng/ml



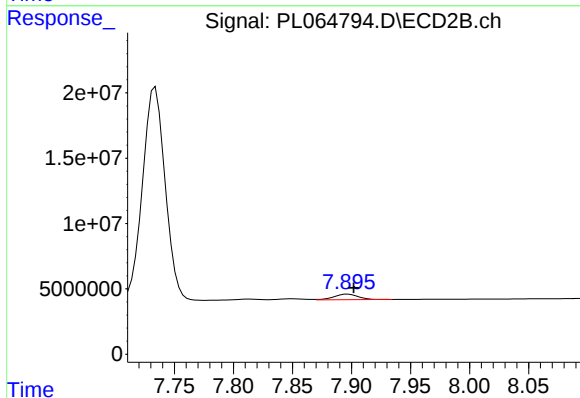
#21 Endrin ketone

R.T.: 7.091 min
Delta R.T.: -0.004 min
Response: 9984505
Conc: 3.48 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

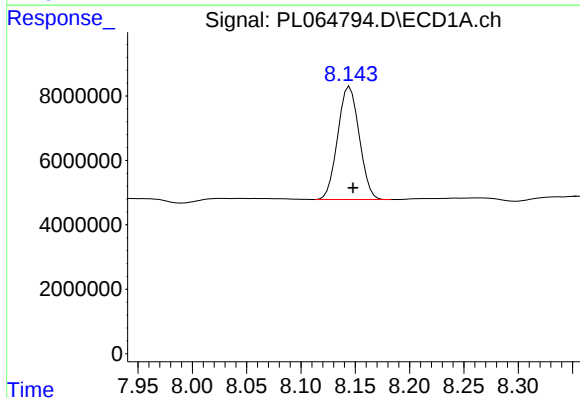
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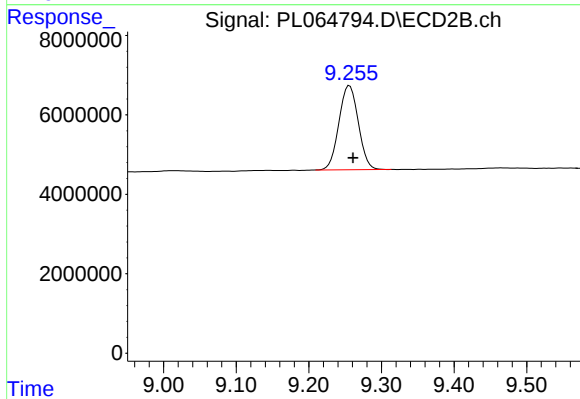
#21 Endrin ketone

R.T.: 7.897 min
Delta R.T.: -0.005 min
Response: 5983374
Conc: 3.13 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.145 min
Delta R.T.: -0.003 min
Response: 48431167
Conc: 21.54 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.256 min
Delta R.T.: -0.005 min
Response: 39324262
Conc: 20.70 ng/ml