

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL111224\
 Data File : PL092996.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 12 Nov 2024 11:50
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 11/13/2024
 Supervised By :Ankita Jodhani 11/13/2024

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 13 00:30:06 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL102824.M
 Quant Title : GC Extractables
 QLast Update : Mon Oct 28 18:58:23 2024
 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...	3.541	2.777	56378160	61871566	23.009	22.737
28)	SA Decachlor...	9.059	7.917	42843465	65012180	22.262	23.821
Target Compounds							
2)	A alpha-BHC	3.997	3.280	40435494	43519154	11.922	10.907
3)	MA gamma-BHC...	4.330	3.611	38170182	40562762	11.710	10.510
6)	B beta-BHC	4.528	3.910	17958747	20226699	12.424	12.287
12)	B 4,4'-DDE	6.195	5.235	551213	325904	0.233m	0.101m#
14)	MA Endrin	6.577	5.642	109.9E6	167.6E6	48.260	57.946
16)	A 4,4'-DDD	6.715	5.791	1411547	2024707	0.735	0.813
17)	MA 4,4'-DDT	7.027	6.040	210.3E6	342.6E6	101.591	127.737 #
18)	B Endrin al...	6.926	6.116	3041126	3789200	1.619	1.642
20)	A Methoxychlor	7.502	6.615	268.9E6	410.6E6	235.855	287.503
21)	B Endrin ke...	7.645	6.842	5526994	7196470	2.281	2.345m

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

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Acq On : 12 Nov 2024 11:50
Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

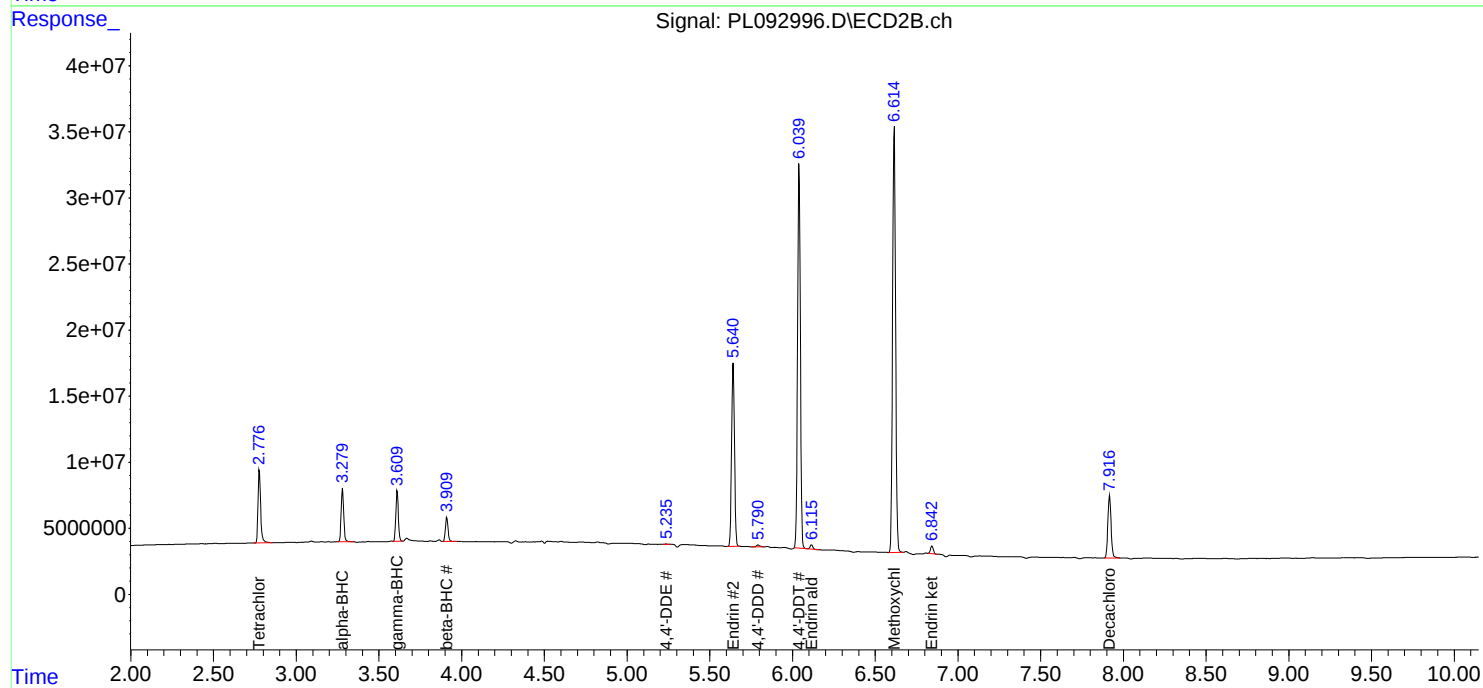
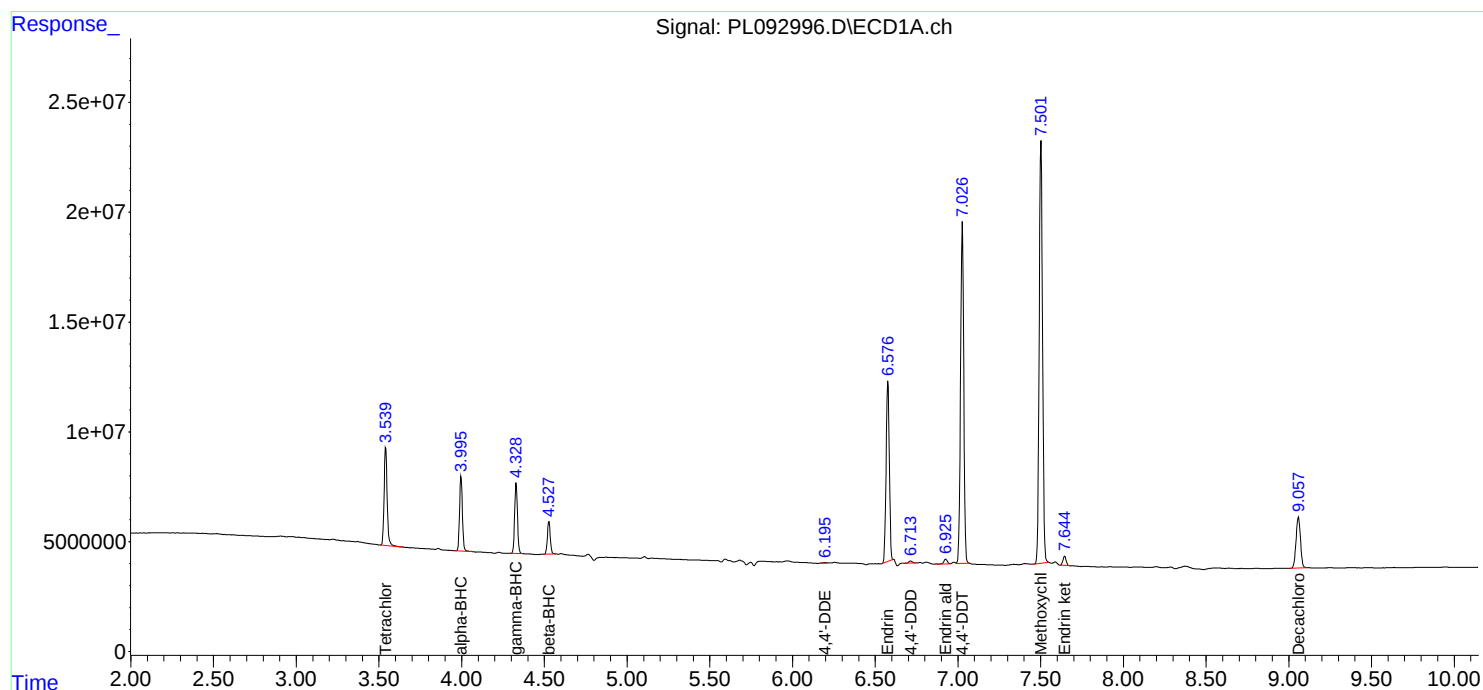
Instrument :
ECD_L
ClientSampleId :
PEM

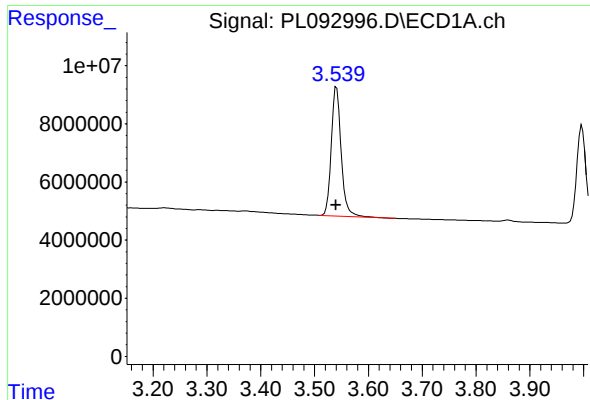
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Integration File signal 1: autoint1.e
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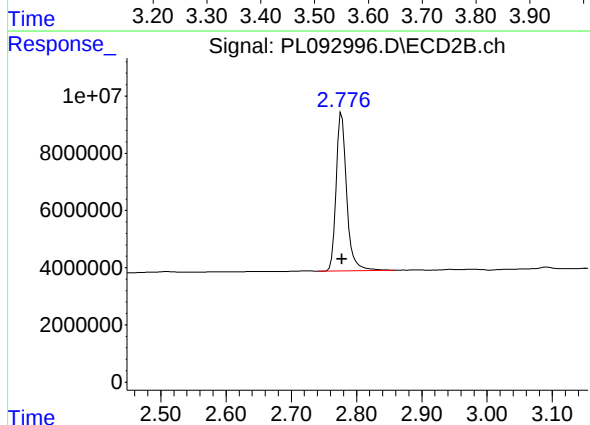
#1 Tetrachloro-m-xylene

R.T.: 3.541 min
Delta R.T.: 0.000 min
Response: 56378160
Conc: 23.01 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

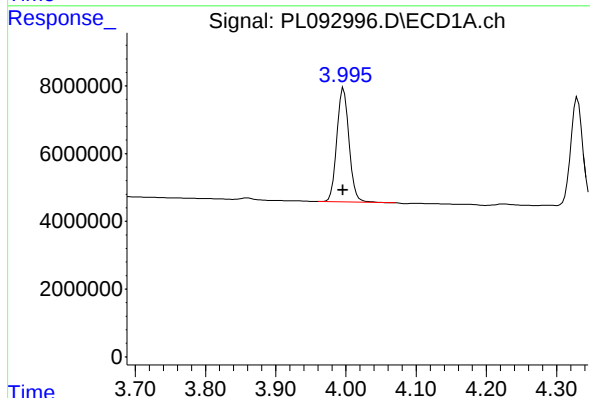
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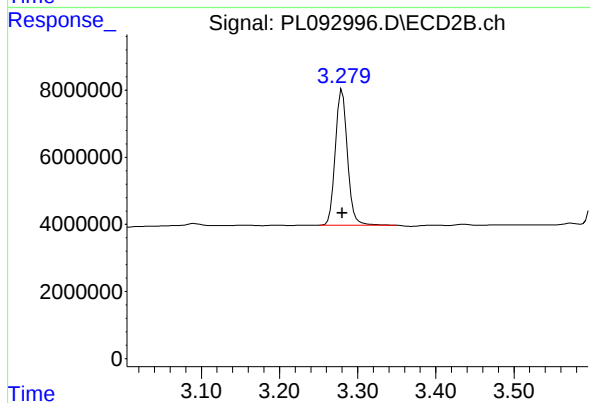
#1 Tetrachloro-m-xylene

R.T.: 2.777 min
Delta R.T.: 0.000 min
Response: 61871566
Conc: 22.74 ng/ml



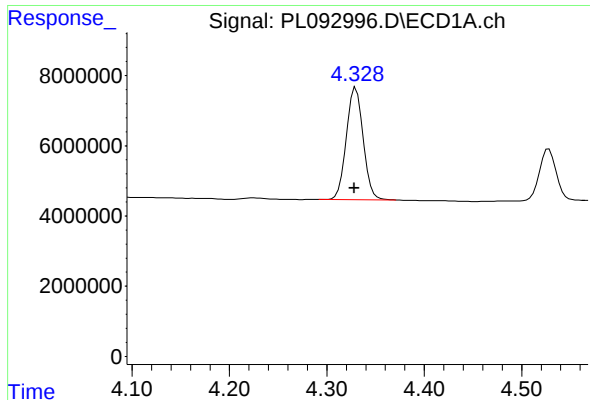
#2 alpha-BHC

R.T.: 3.997 min
Delta R.T.: 0.000 min
Response: 40435494
Conc: 11.92 ng/ml



#2 alpha-BHC

R.T.: 3.280 min
Delta R.T.: 0.000 min
Response: 43519154
Conc: 10.91 ng/ml



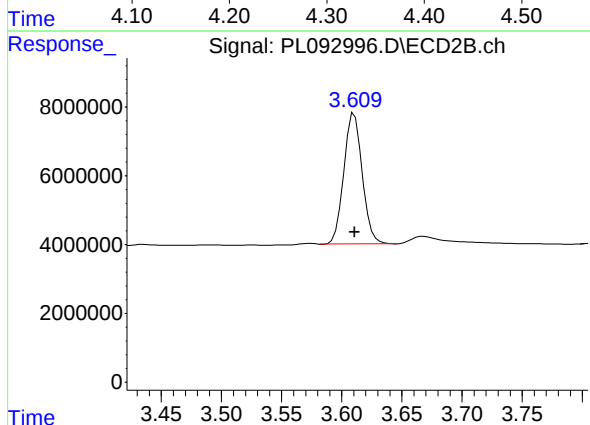
#3 gamma-BHC (Lindane)

R.T.: 4.330 min
Delta R.T.: 0.002 min
Response: 38170182
Conc: 11.71 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

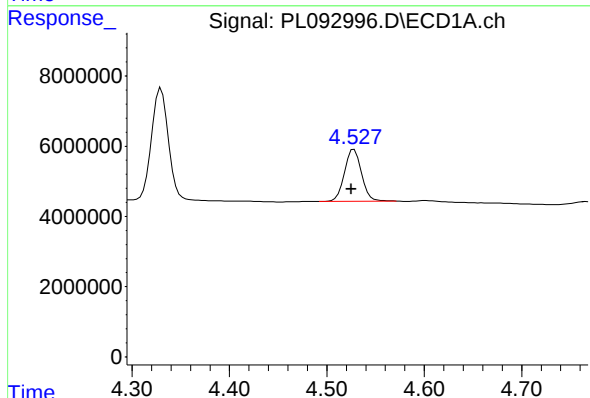
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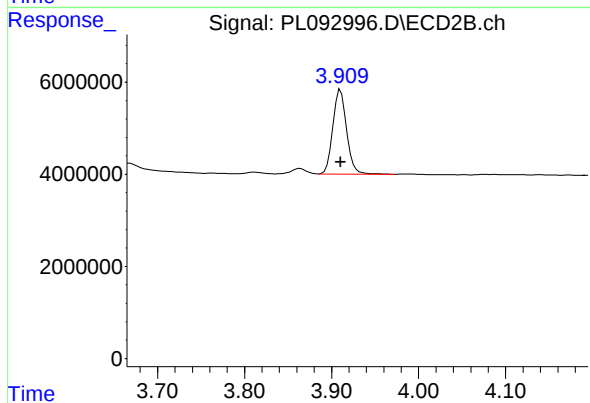
#3 gamma-BHC (Lindane)

R.T.: 3.611 min
Delta R.T.: 0.000 min
Response: 40562762
Conc: 10.51 ng/ml



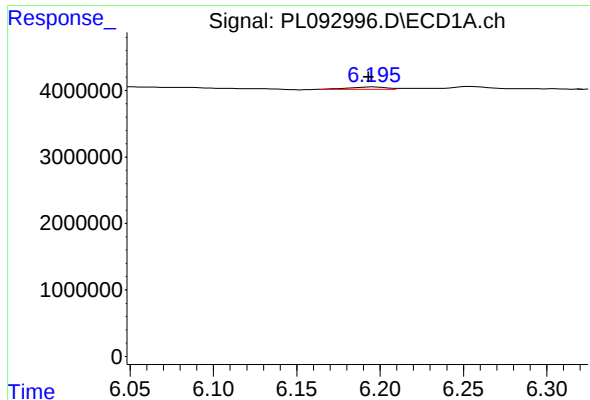
#6 beta-BHC

R.T.: 4.528 min
Delta R.T.: 0.003 min
Response: 17958747
Conc: 12.42 ng/ml



#6 beta-BHC

R.T.: 3.910 min
Delta R.T.: 0.000 min
Response: 20226699
Conc: 12.29 ng/ml



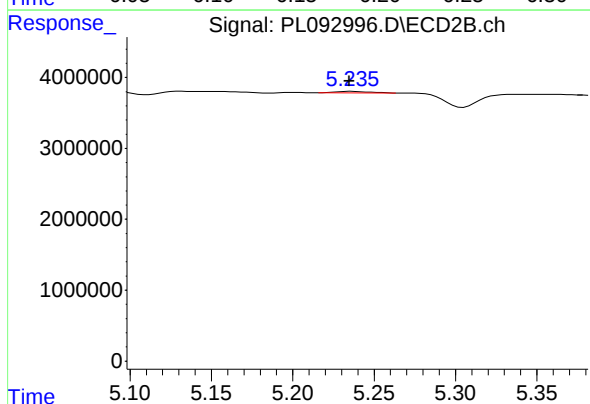
#12 4,4'-DDE

R.T.: 6.195 min
Delta R.T.: 0.002 min
Response: 551213
Conc: 0.23 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

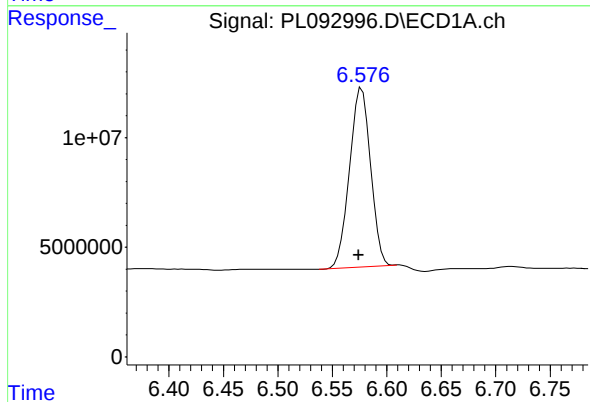
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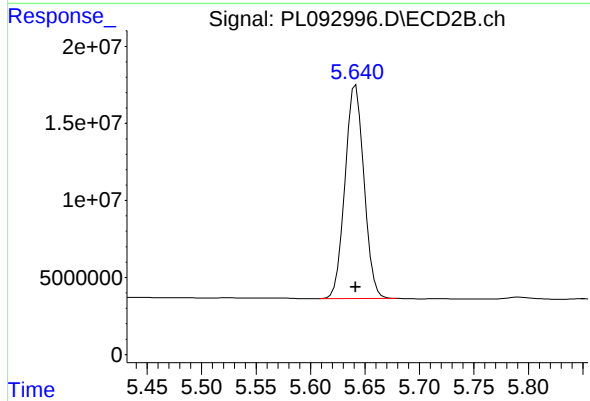
#12 4,4'-DDE

R.T.: 5.235 min
Delta R.T.: 0.000 min
Response: 325904
Conc: 0.10 ng/ml



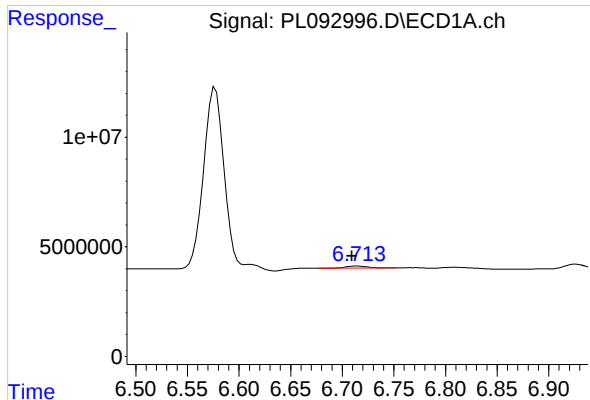
#14 Endrin

R.T.: 6.577 min
Delta R.T.: 0.003 min
Response: 109872120
Conc: 48.26 ng/ml



#14 Endrin

R.T.: 5.642 min
Delta R.T.: 0.000 min
Response: 167637214
Conc: 57.95 ng/ml



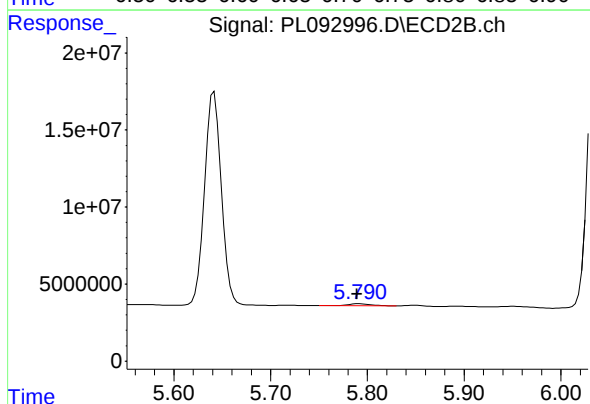
#16 4,4'-DDD

R.T.: 6.715 min
Delta R.T.: 0.005 min
Response: 1411547
Conc: 0.74 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

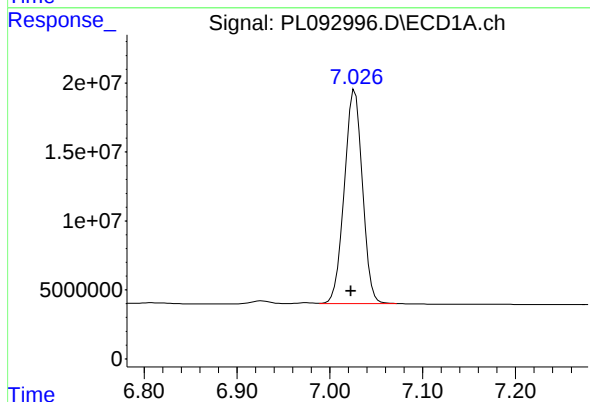
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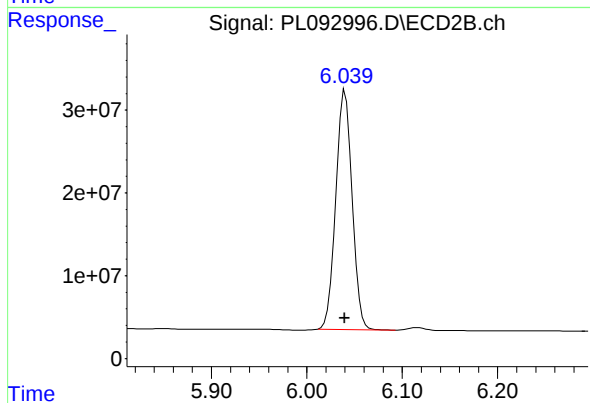
#16 4,4'-DDD

R.T.: 5.791 min
Delta R.T.: 0.002 min
Response: 2024707
Conc: 0.81 ng/ml



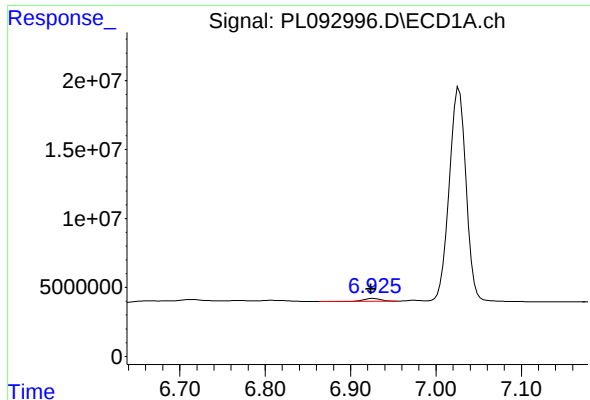
#17 4,4'-DDT

R.T.: 7.027 min
Delta R.T.: 0.004 min
Response: 210268041
Conc: 101.59 ng/ml



#17 4,4'-DDT

R.T.: 6.040 min
Delta R.T.: 0.000 min
Response: 342622572
Conc: 127.74 ng/ml



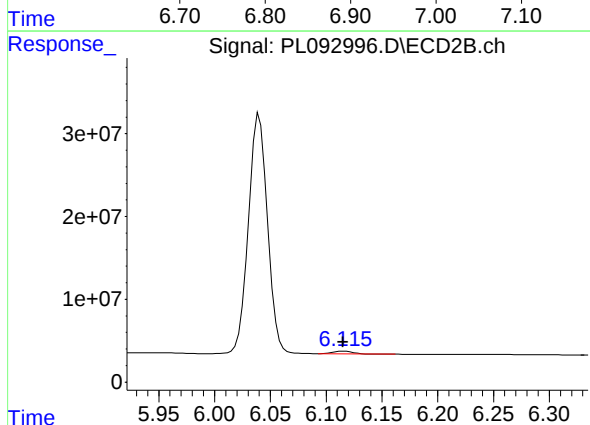
#18 Endrin aldehyde

R.T.: 6.926 min
Delta R.T.: 0.002 min
Response: 3041126
Conc: 1.62 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

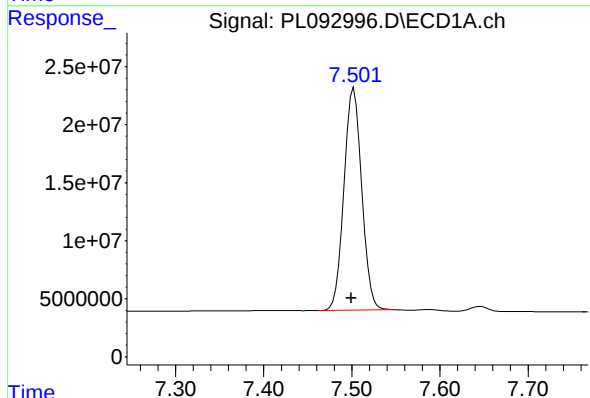
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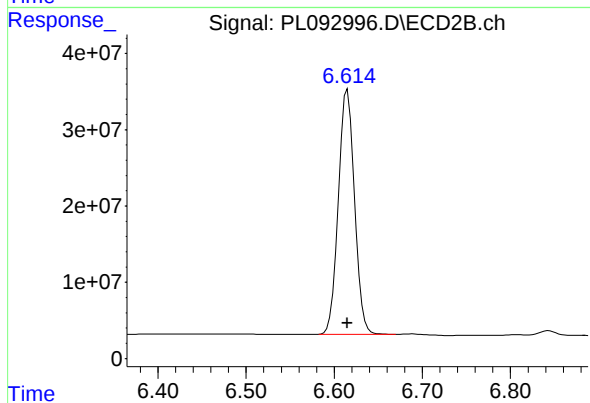
#18 Endrin aldehyde

R.T.: 6.116 min
Delta R.T.: 0.000 min
Response: 3789200
Conc: 1.64 ng/ml



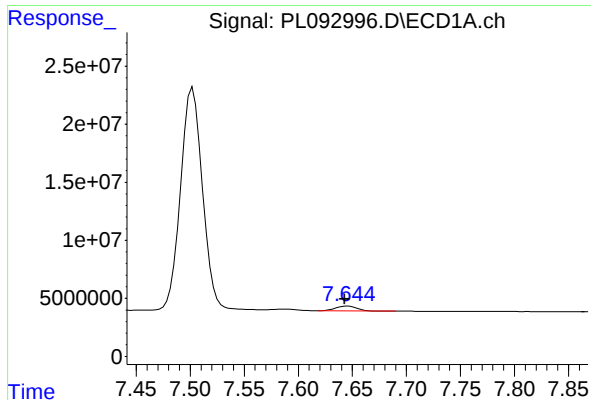
#20 Methoxychlor

R.T.: 7.502 min
Delta R.T.: 0.003 min
Response: 268874209
Conc: 235.85 ng/ml



#20 Methoxychlor

R.T.: 6.615 min
Delta R.T.: 0.000 min
Response: 410562542
Conc: 287.50 ng/ml



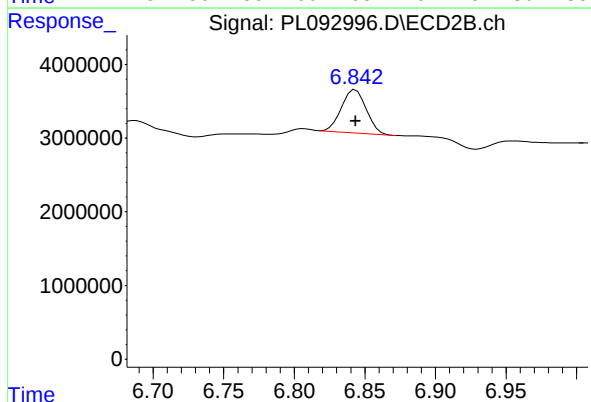
#21 Endrin ketone

R.T.: 7.645 min
Delta R.T.: 0.002 min
Response: 5526994
Conc: 2.28 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

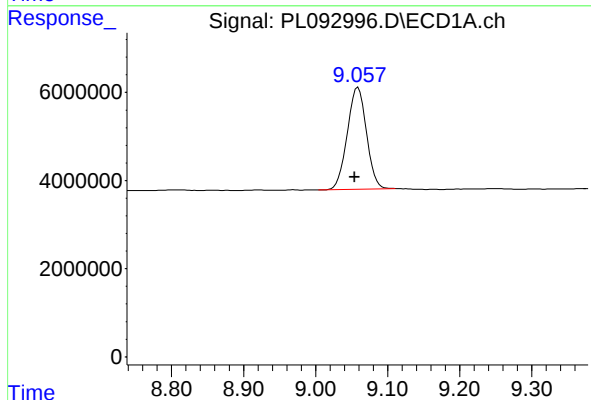
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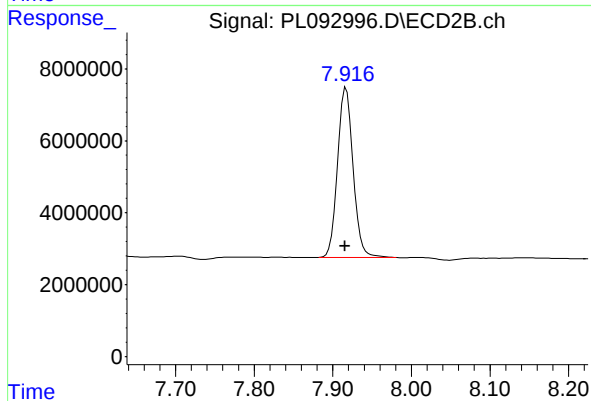
#21 Endrin ketone

R.T.: 6.842 min
Delta R.T.: -0.001 min
Response: 7196470
Conc: 2.35 ng/ml m



#28 Decachlorobiphenyl

R.T.: 9.059 min
Delta R.T.: 0.005 min
Response: 42843465
Conc: 22.26 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.917 min
Delta R.T.: 0.001 min
Response: 65012180
Conc: 23.82 ng/ml