

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL010423\
 Data File : PL080086.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 05 Jan 2023 00:34
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 01/05/2023
 Supervised By : Ankita Jodhani 01/05/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jan 05 05:47:45 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL010423.M
 Quant Title : GC Extractables
 QLast Update : Thu Jan 05 05:11:24 2023
 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...	3.370	2.693	38270387	43161094	19.239	18.982
28)	SA Decachlor...	8.879	7.848	35765473	45557167	20.846	20.164
Target Compounds							
2)	A alpha-BHC	3.821	3.195	25234580	28451134	8.832	8.495
3)	MA gamma-BHC...	4.152	3.523	18815225	26682889	9.574	8.701
6)	B beta-BHC	4.351	3.819	9263213	13298151	10.120	9.912
12)	B 4,4'-DDE	6.031	5.160	240144	240239	0.153	0.104m#
14)	MA Endrin	6.402	5.558	68985236	103.5E6	44.982	45.972
16)	A 4,4'-DDD	6.551	5.712	993968	1750326	0.755m	0.949 #
17)	MA 4,4'-DDT	6.869	5.964	144.6E6	208.4E6	96.716	102.340
18)	B Endrin al...	6.756	6.033	1506629	2814312	1.240	1.603m#
20)	A Methoxychlor	7.359	6.542	211.1E6	276.5E6	237.421	241.234
21)	B Endrin ke...	7.476	6.760	4353698	6919570	2.446	2.839

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

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Acq On : 05 Jan 2023 00:34
Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 24 Sample Multiplier: 1

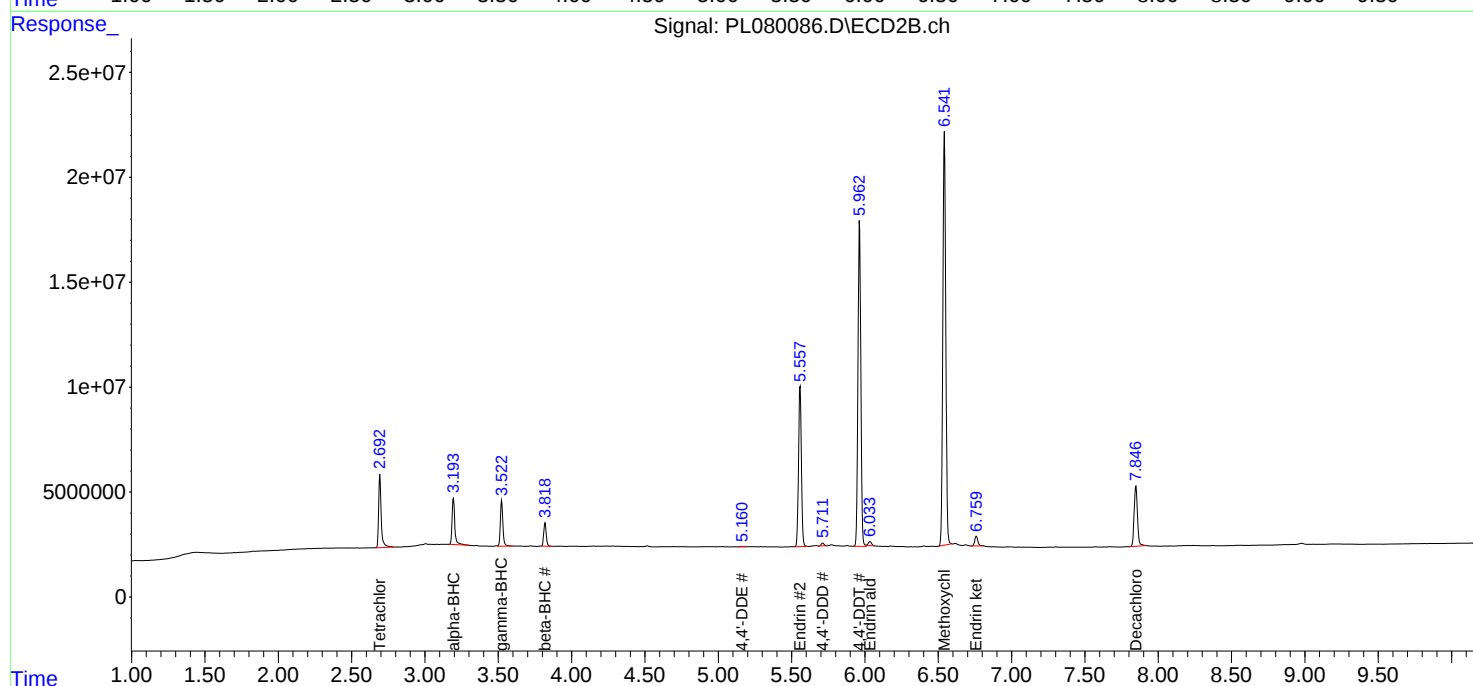
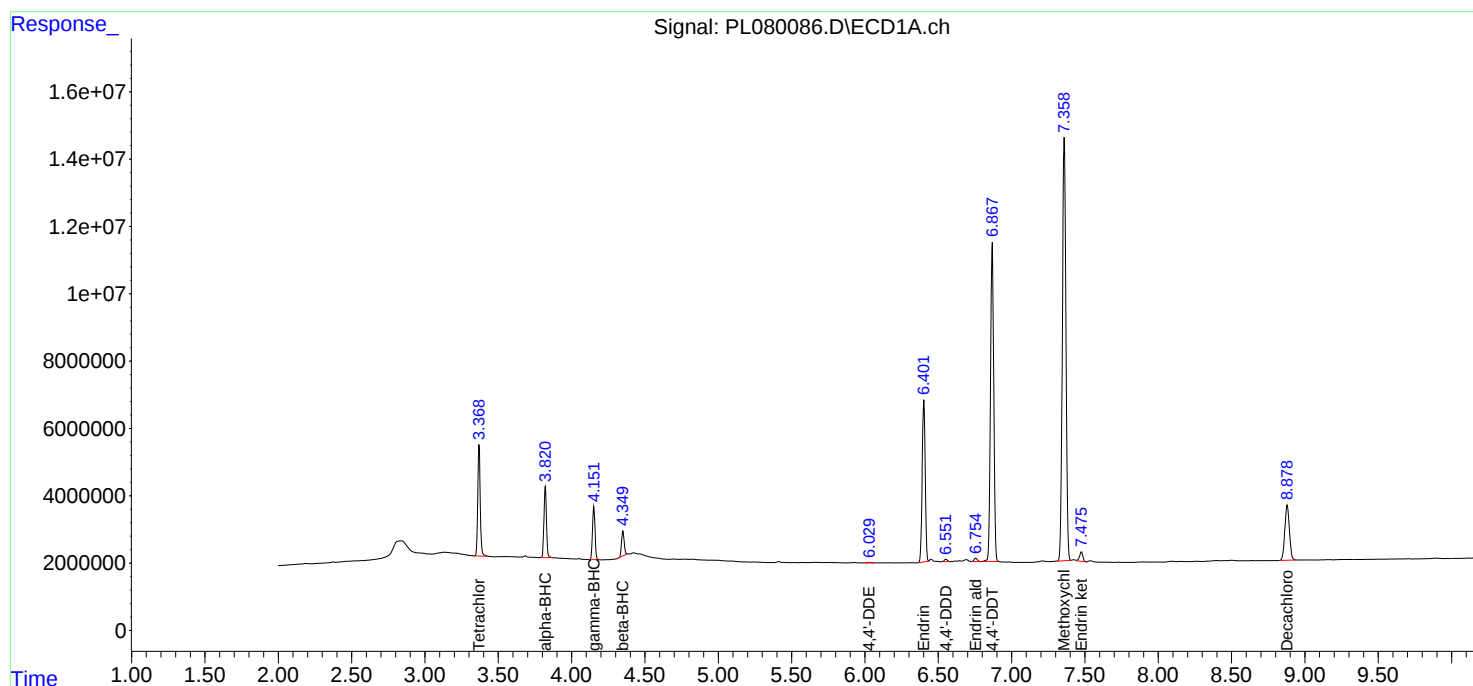
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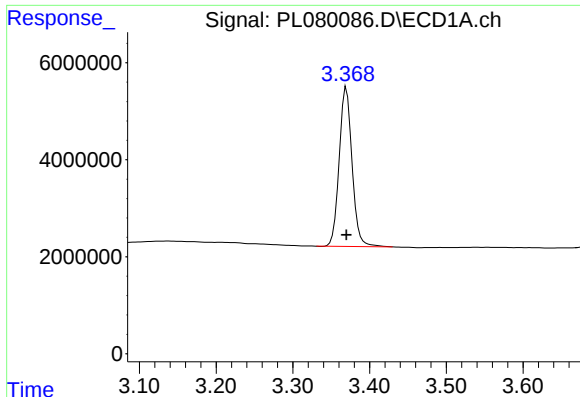
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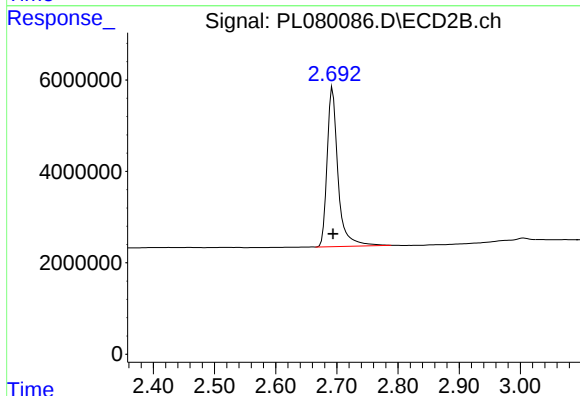
#1 Tetrachloro-m-xylene

R.T.: 3.370 min
Delta R.T.: 0.000 min
Response: 38270387
Conc: 19.24 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

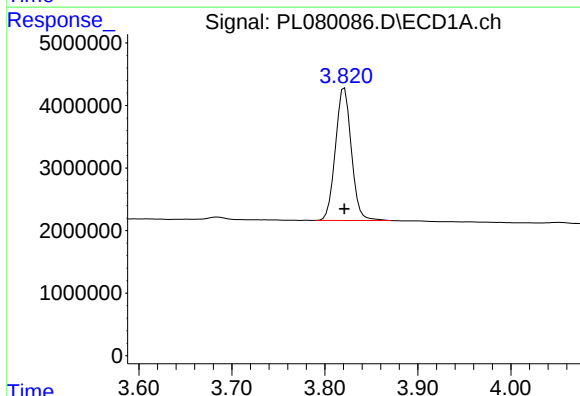
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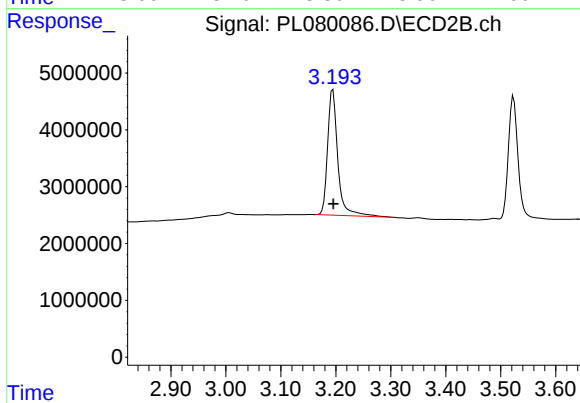
#1 Tetrachloro-m-xylene

R.T.: 2.693 min
Delta R.T.: 0.000 min
Response: 43161094
Conc: 18.98 ng/ml



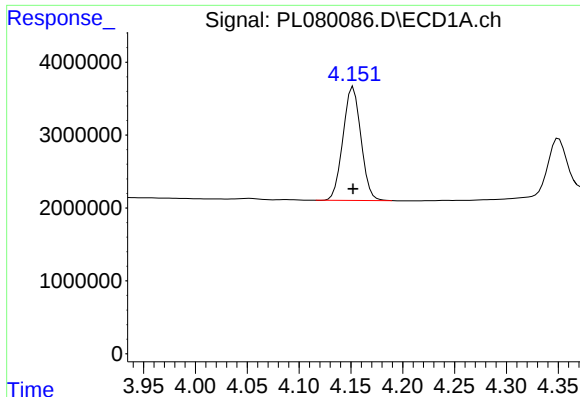
#2 alpha-BHC

R.T.: 3.821 min
Delta R.T.: 0.000 min
Response: 25234580
Conc: 8.83 ng/ml



#2 alpha-BHC

R.T.: 3.195 min
Delta R.T.: 0.000 min
Response: 28451134
Conc: 8.49 ng/ml



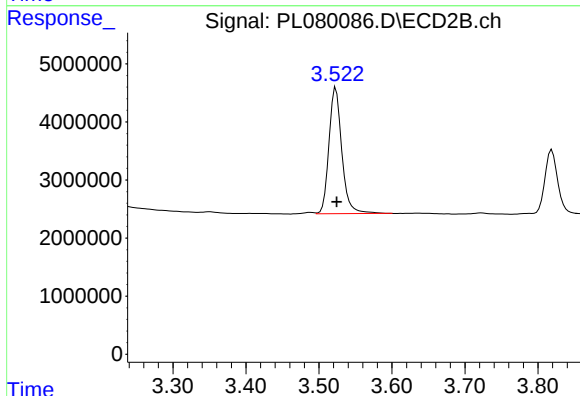
#3 gamma-BHC (Lindane)

R.T.: 4.152 min
Delta R.T.: 0.000 min
Response: 18815225
Conc: 9.57 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

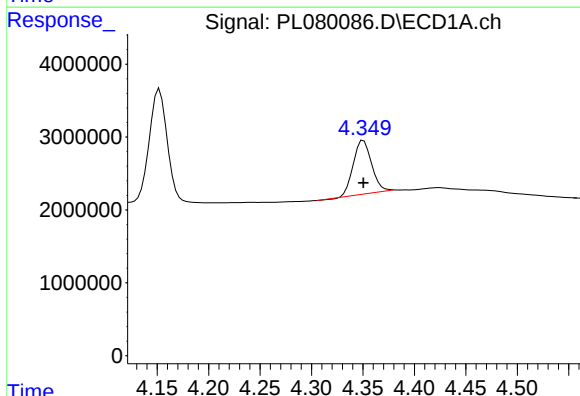
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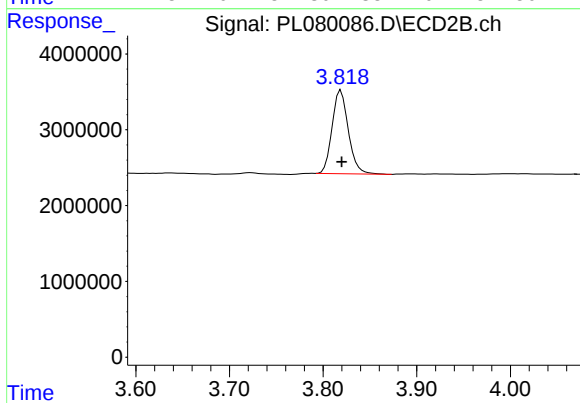
#3 gamma-BHC (Lindane)

R.T.: 3.523 min
Delta R.T.: -0.001 min
Response: 26682889
Conc: 8.70 ng/ml



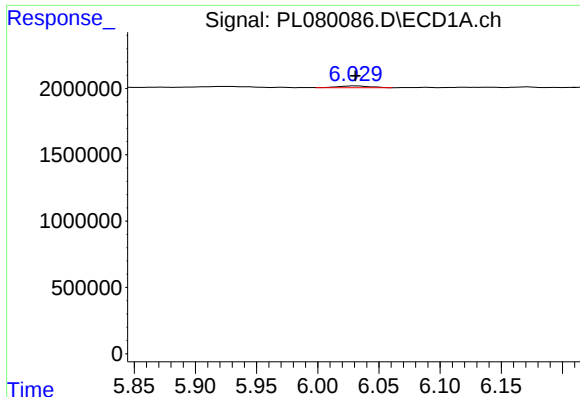
#6 beta-BHC

R.T.: 4.351 min
Delta R.T.: 0.000 min
Response: 9263213
Conc: 10.12 ng/ml



#6 beta-BHC

R.T.: 3.819 min
Delta R.T.: 0.000 min
Response: 13298151
Conc: 9.91 ng/ml



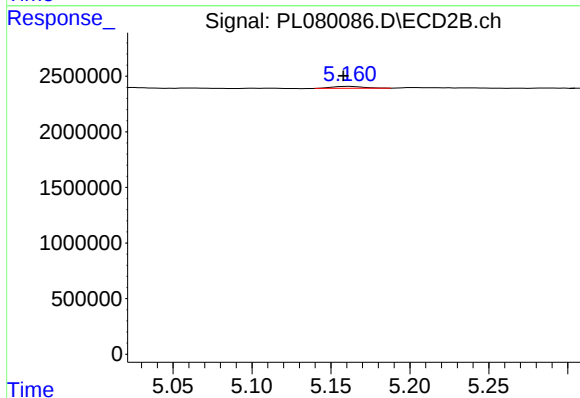
#12 4,4'-DDE

R.T.: 6.031 min
Delta R.T.: 0.000 min
Response: 240144
Conc: 0.15 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

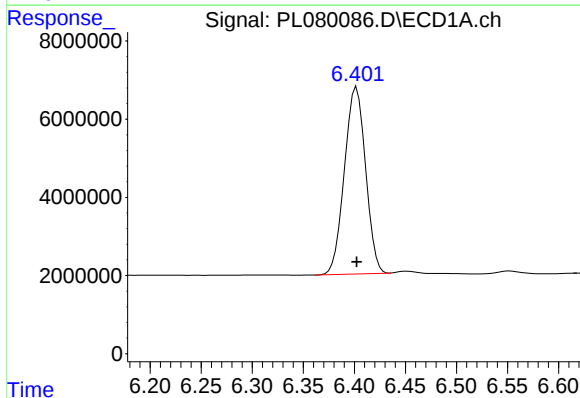
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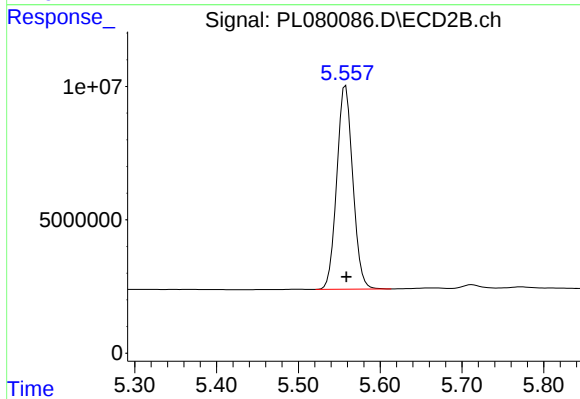
#12 4,4'-DDE

R.T.: 5.160 min
Delta R.T.: 0.002 min
Response: 240239
Conc: 0.10 ng/ml m



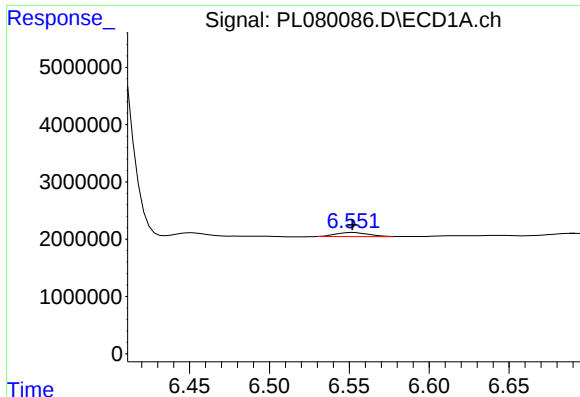
#14 Endrin

R.T.: 6.402 min
Delta R.T.: 0.000 min
Response: 68985236
Conc: 44.98 ng/ml



#14 Endrin

R.T.: 5.558 min
Delta R.T.: -0.001 min
Response: 103459488
Conc: 45.97 ng/ml



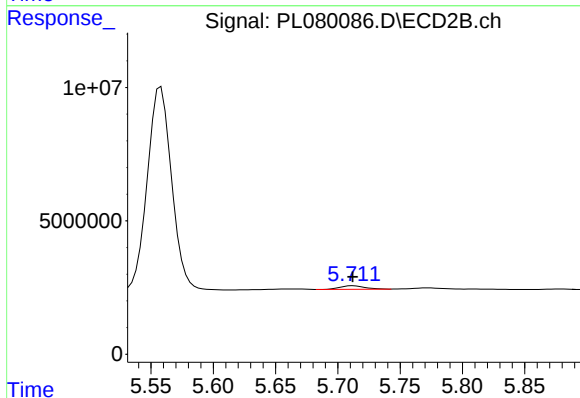
#16 4,4'-DDD

R.T.: 6.551 min
Delta R.T.: -0.001 min
Response: 993968
Conc: 0.76 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

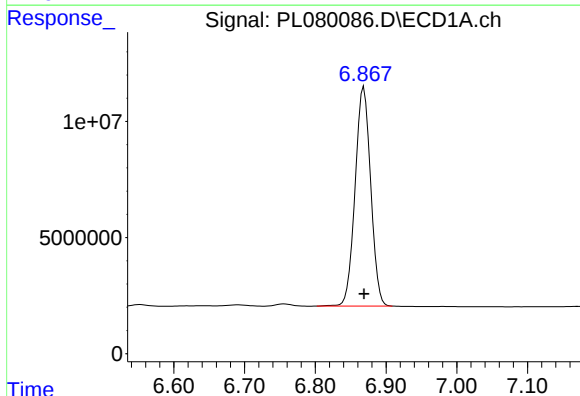
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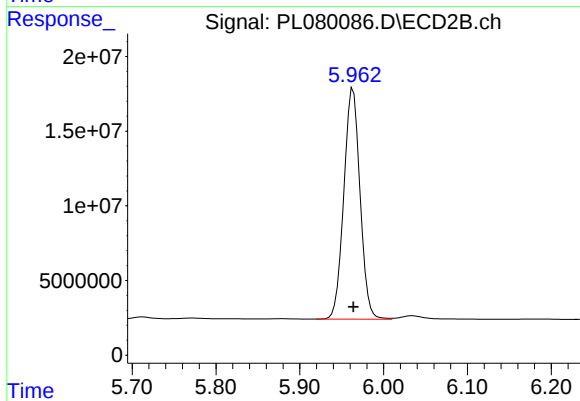
#16 4,4'-DDD

R.T.: 5.712 min
Delta R.T.: 0.000 min
Response: 1750326
Conc: 0.95 ng/ml



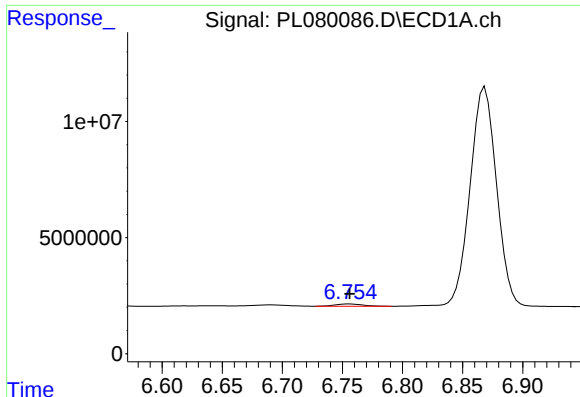
#17 4,4'-DDT

R.T.: 6.869 min
Delta R.T.: 0.000 min
Response: 144587959
Conc: 96.72 ng/ml



#17 4,4'-DDT

R.T.: 5.964 min
Delta R.T.: 0.000 min
Response: 208384786
Conc: 102.34 ng/ml



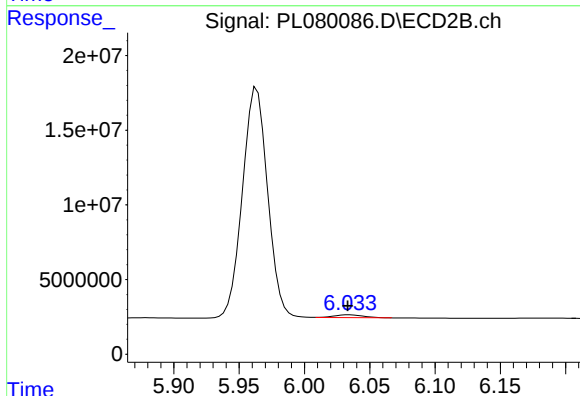
#18 Endrin aldehyde

R.T.: 6.756 min
Delta R.T.: 0.000 min
Response: 1506629
Conc: 1.24 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

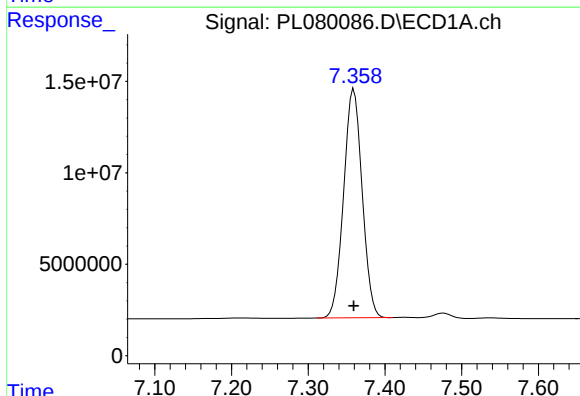
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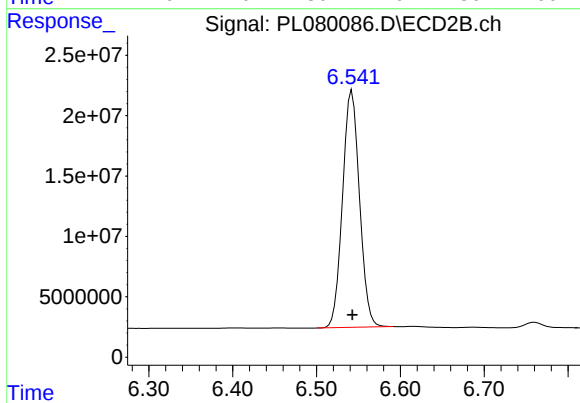
#18 Endrin aldehyde

R.T.: 6.033 min
Delta R.T.: 0.000 min
Response: 2814312
Conc: 1.60 ng/ml m



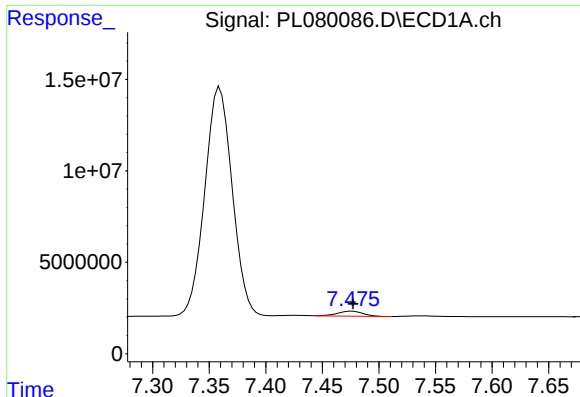
#20 Methoxychlor

R.T.: 7.359 min
Delta R.T.: 0.000 min
Response: 211129354
Conc: 237.42 ng/ml



#20 Methoxychlor

R.T.: 6.542 min
Delta R.T.: 0.000 min
Response: 276472132
Conc: 241.23 ng/ml



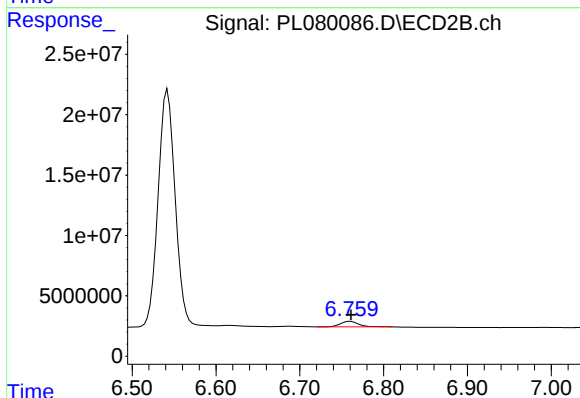
#21 Endrin ketone

R.T.: 7.476 min
Delta R.T.: -0.001 min
Response: 4353698
Conc: 2.45 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

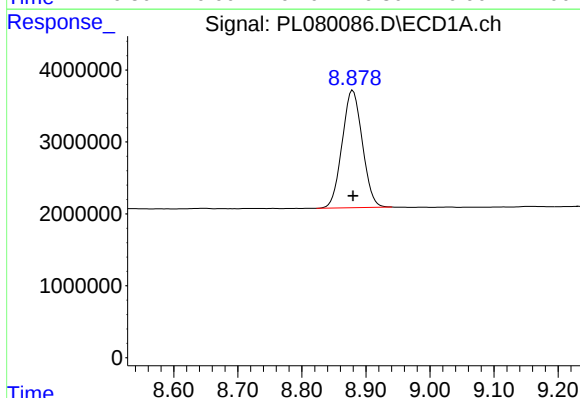
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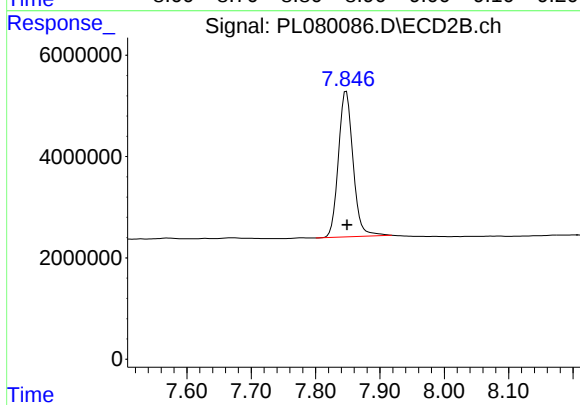
#21 Endrin ketone

R.T.: 6.760 min
Delta R.T.: -0.001 min
Response: 6919570
Conc: 2.84 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.879 min
Delta R.T.: 0.000 min
Response: 35765473
Conc: 20.85 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.848 min
Delta R.T.: -0.001 min
Response: 45557167
Conc: 20.16 ng/ml