

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL010923\
 Data File : PL080167.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 09 Jan 2023 09:51
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 01/10/2023
 Supervised By : Ankita Jodhani 01/10/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jan 09 20:31:51 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...	3.374	2.693	37925692	40312377	19.066	17.729
28)	SA Decachlor...	8.893	7.846	33553789	40238704	19.556	17.810
Target Compounds							
2)	A alpha-BHC	3.825	3.195	26369233	25406942	9.229	7.586
3)	MA gamma-BHC...	4.156	3.523	20706401	24700469	10.536	8.054
6)	B beta-BHC	4.355	3.818	9097983	11903155	9.939	8.872m
12)	B 4,4'-DDE	6.039	5.158	342485	455611	0.218	0.196
14)	MA Endrin	6.408	5.558	67433236	89531571	43.970m	39.783
16)	A 4,4'-DDD	6.560	5.711	4364738	4767990	3.316	2.584
17)	MA 4,4'-DDT	6.878	5.962	138.6E6	179.7E6	92.711	88.256
18)	B Endrin al...	6.764	6.031	2136558	3144582	1.758	1.791m
20)	A Methoxychlor	7.371	6.541	198.9E6	230.2E6	223.632	200.869
21)	B Endrin ke...	7.485	6.759	6637749	8087727	3.730	3.319

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

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Acq On : 09 Jan 2023 09:51
Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

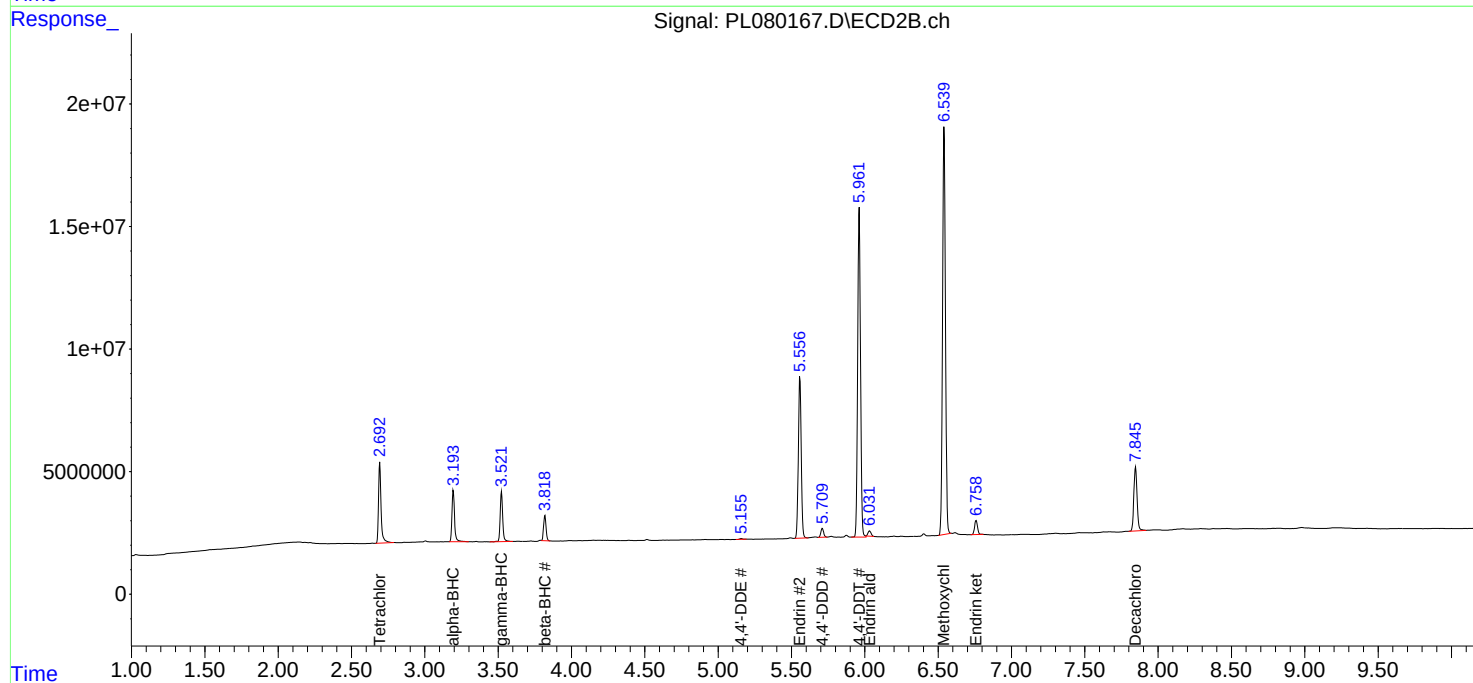
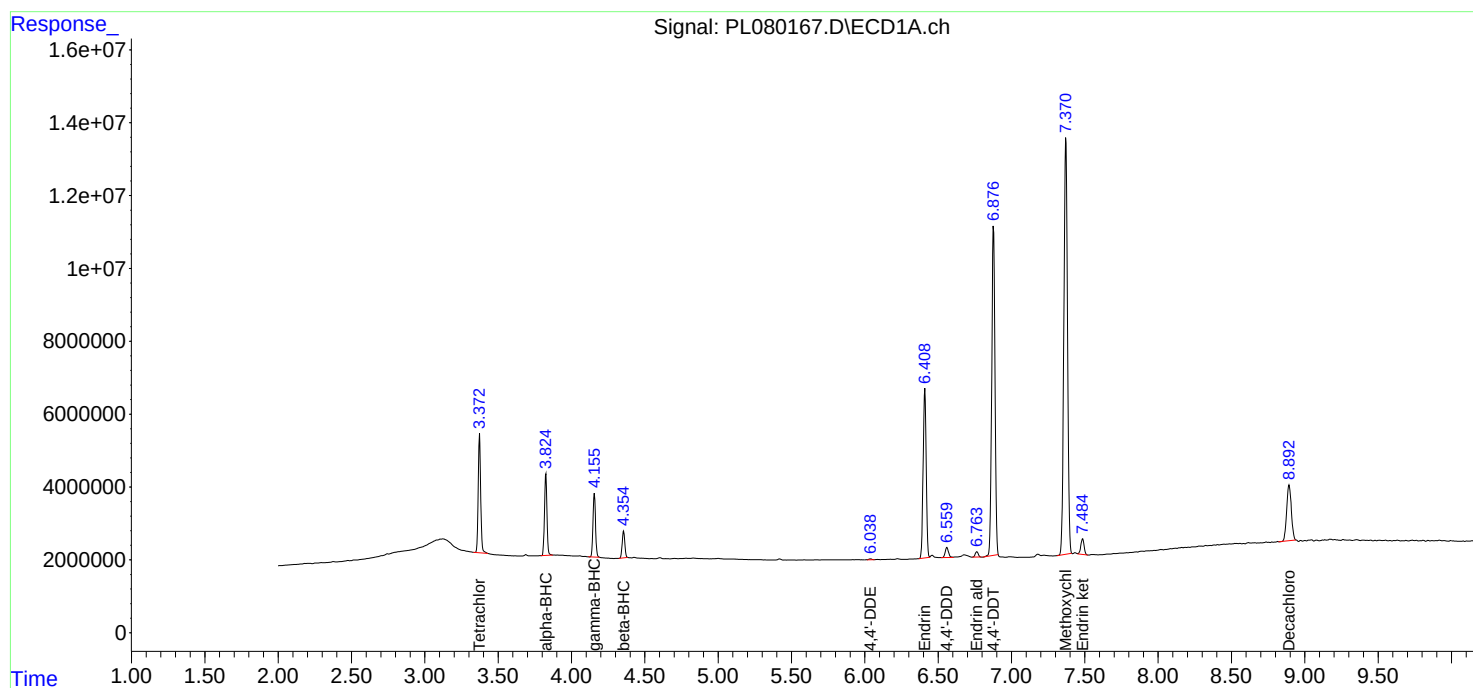
Instrument :
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PEM

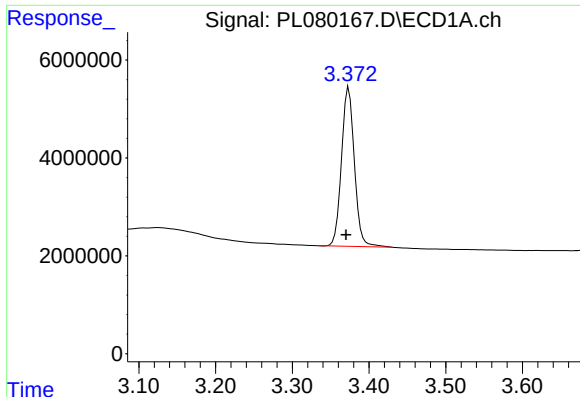
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Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
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Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL010423.M
Quant Title : GC Extractables
QLast Update : Thu Jan 05 05:11:24 2023
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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





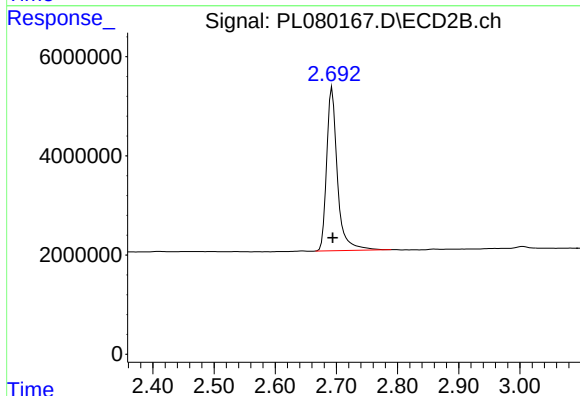
#1 Tetrachloro-m-xylene

R.T.: 3.374 min
Delta R.T.: 0.004 min
Response: 37925692
Conc: 19.07 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

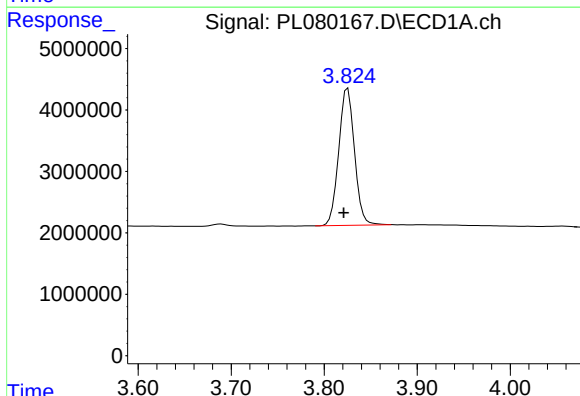
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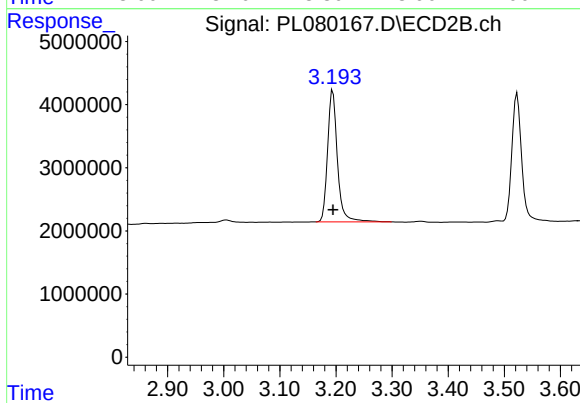
#1 Tetrachloro-m-xylene

R.T.: 2.693 min
Delta R.T.: 0.000 min
Response: 40312377
Conc: 17.73 ng/ml



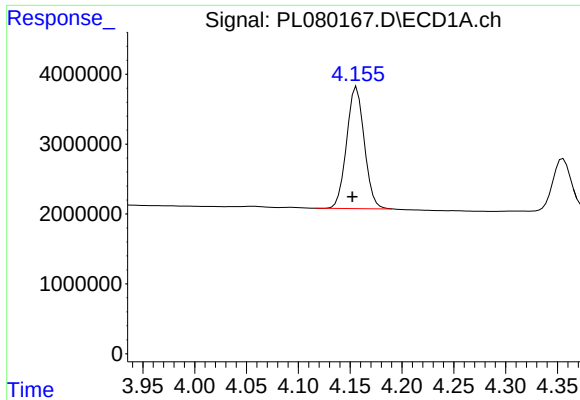
#2 alpha-BHC

R.T.: 3.825 min
Delta R.T.: 0.004 min
Response: 26369233
Conc: 9.23 ng/ml



#2 alpha-BHC

R.T.: 3.195 min
Delta R.T.: 0.000 min
Response: 25406942
Conc: 7.59 ng/ml



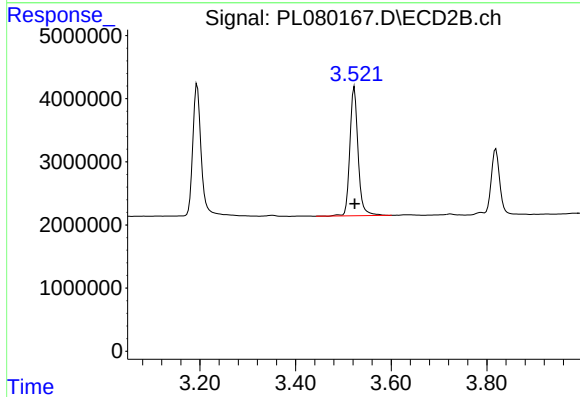
#3 gamma-BHC (Lindane)

R.T.: 4.156 min
Delta R.T.: 0.004 min
Response: 20706401
Conc: 10.54 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

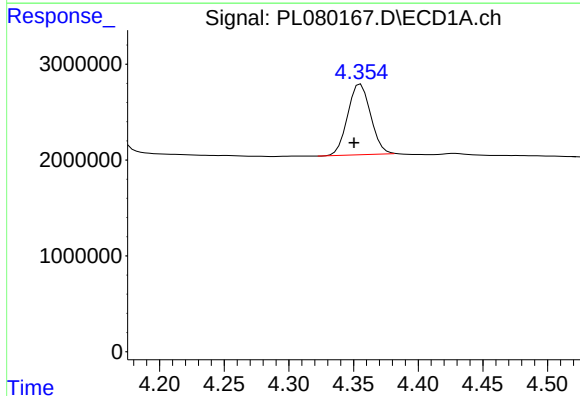
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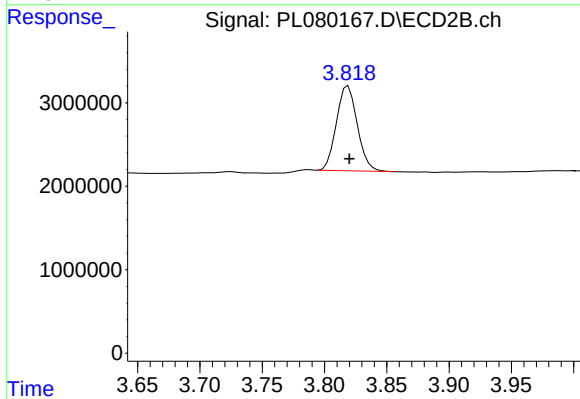
#3 gamma-BHC (Lindane)

R.T.: 3.523 min
Delta R.T.: -0.001 min
Response: 24700469
Conc: 8.05 ng/ml



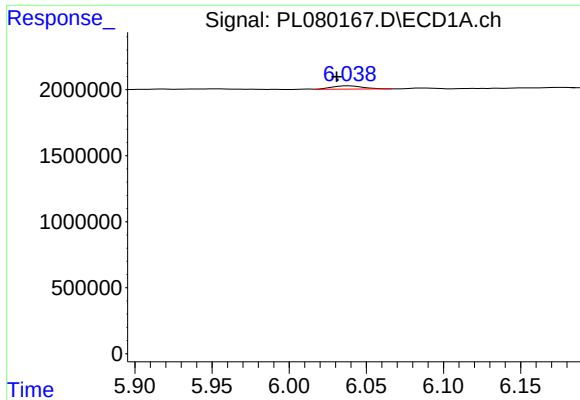
#6 beta-BHC

R.T.: 4.355 min
Delta R.T.: 0.005 min
Response: 9097983
Conc: 9.94 ng/ml



#6 beta-BHC

R.T.: 3.818 min
Delta R.T.: -0.002 min
Response: 11903155
Conc: 8.87 ng/ml m



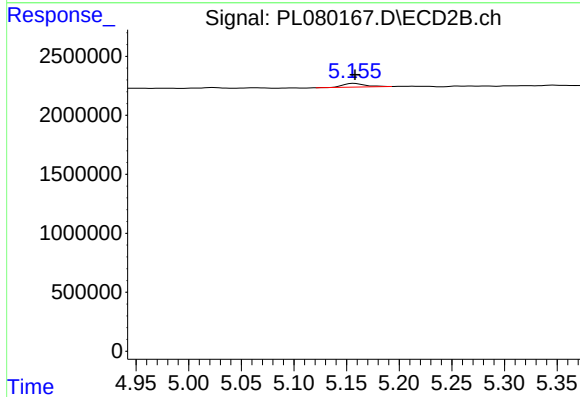
#12 4,4'-DDE

R.T.: 6.039 min
Delta R.T.: 0.008 min
Response: 342485
Conc: 0.22 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

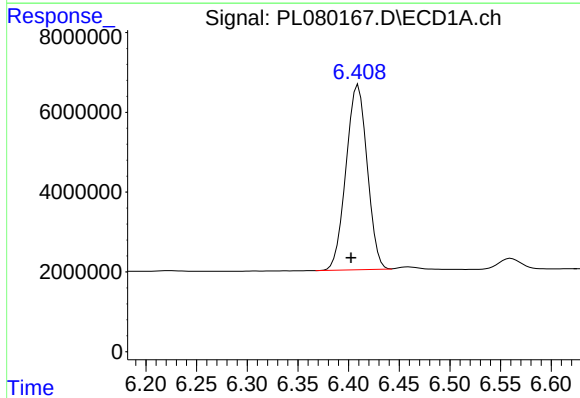
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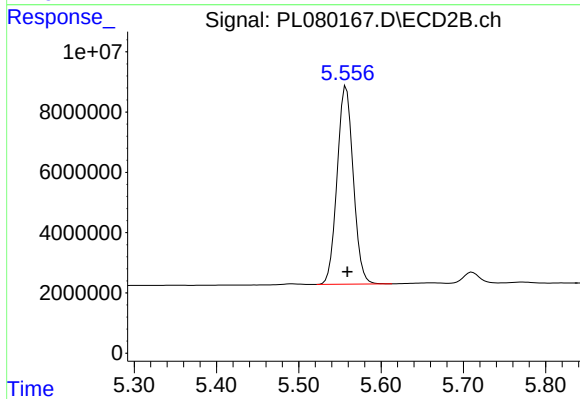
#12 4,4'-DDE

R.T.: 5.158 min
Delta R.T.: 0.000 min
Response: 455611
Conc: 0.20 ng/ml



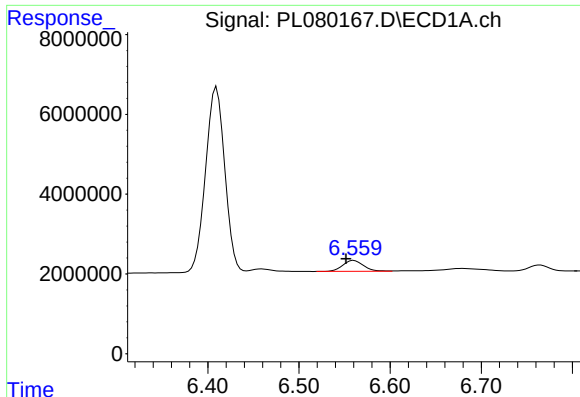
#14 Endrin

R.T.: 6.408 min
Delta R.T.: 0.006 min
Response: 67433236
Conc: 43.97 ng/ml m



#14 Endrin

R.T.: 5.558 min
Delta R.T.: -0.001 min
Response: 89531571
Conc: 39.78 ng/ml



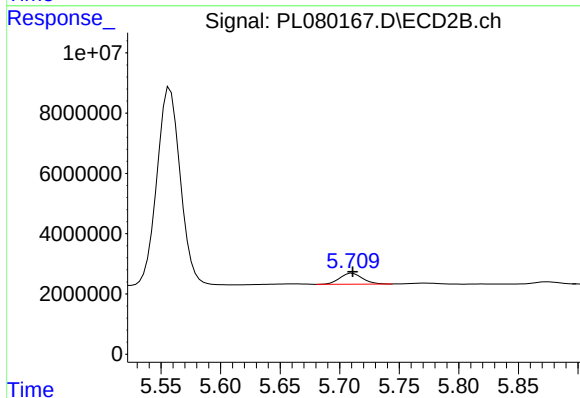
#16 4,4'-DDD

R.T.: 6.560 min
Delta R.T.: 0.008 min
Response: 4364738
Conc: 3.32 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

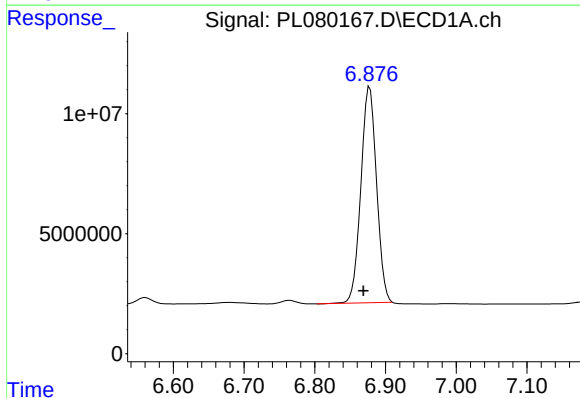
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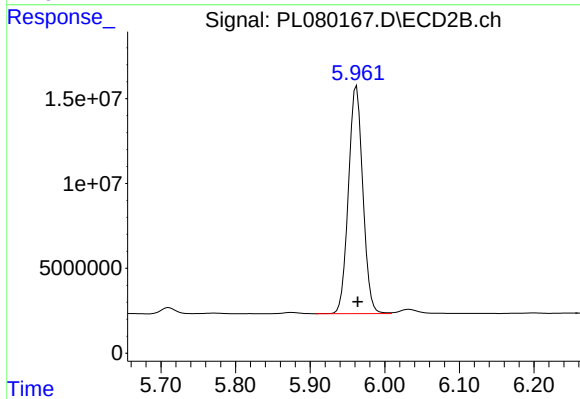
#16 4,4'-DDD

R.T.: 5.711 min
Delta R.T.: 0.000 min
Response: 4767990
Conc: 2.58 ng/ml



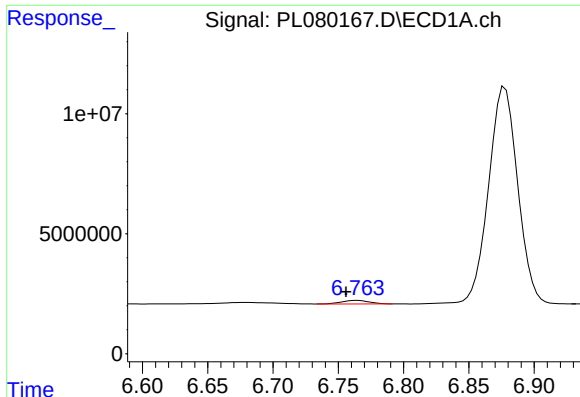
#17 4,4'-DDT

R.T.: 6.878 min
Delta R.T.: 0.009 min
Response: 138599187
Conc: 92.71 ng/ml



#17 4,4'-DDT

R.T.: 5.962 min
Delta R.T.: -0.002 min
Response: 179707951
Conc: 88.26 ng/ml



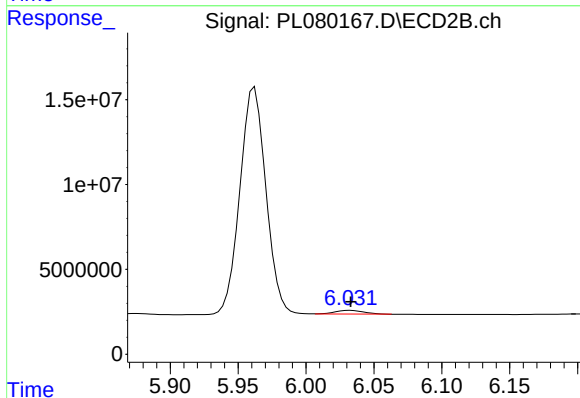
#18 Endrin aldehyde

R.T.: 6.764 min
Delta R.T.: 0.008 min
Response: 2136558
Conc: 1.76 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

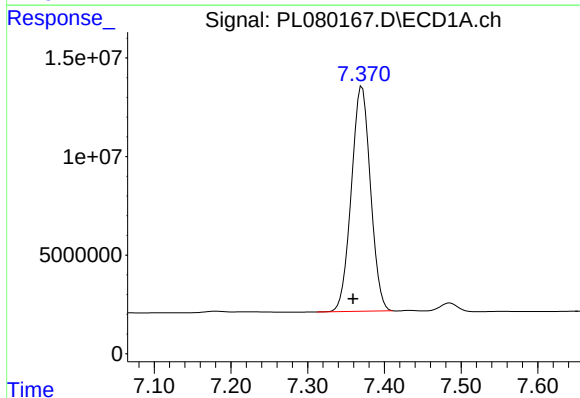
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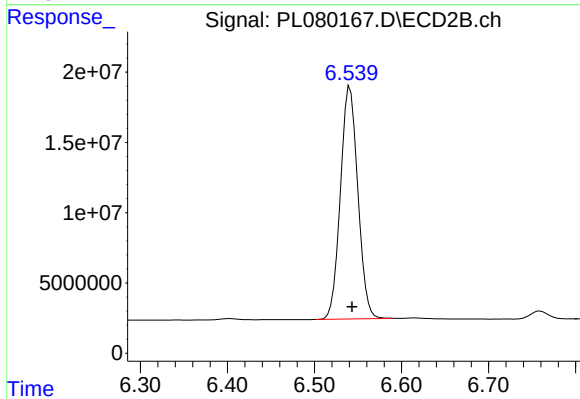
#18 Endrin aldehyde

R.T.: 6.031 min
Delta R.T.: -0.002 min
Response: 3144582
Conc: 1.79 ng/ml m



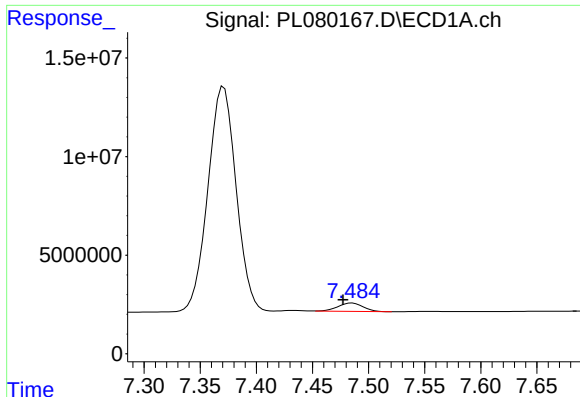
#20 Methoxychlor

R.T.: 7.371 min
Delta R.T.: 0.012 min
Response: 198867555
Conc: 223.63 ng/ml



#20 Methoxychlor

R.T.: 6.541 min
Delta R.T.: -0.002 min
Response: 230211391
Conc: 200.87 ng/ml



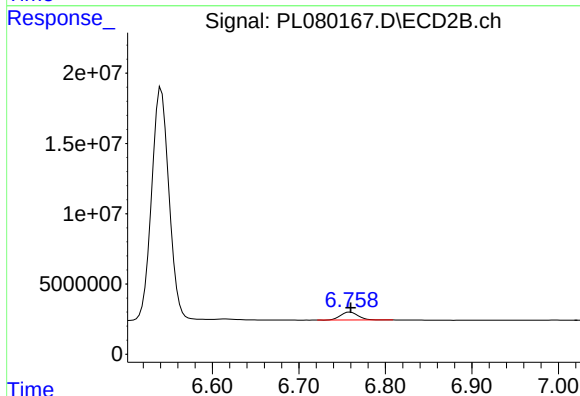
#21 Endrin ketone

R.T.: 7.485 min
Delta R.T.: 0.008 min
Response: 6637749
Conc: 3.73 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

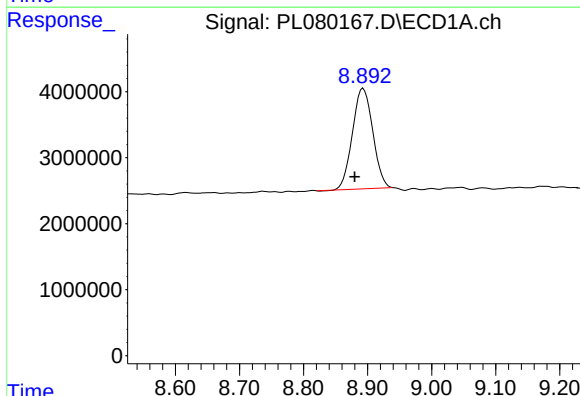
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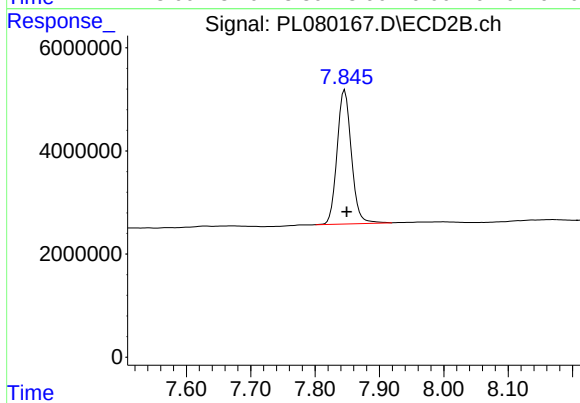
#21 Endrin ketone

R.T.: 6.759 min
Delta R.T.: 0.000 min
Response: 8087727
Conc: 3.32 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.893 min
Delta R.T.: 0.013 min
Response: 33553789
Conc: 19.56 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.846 min
Delta R.T.: -0.003 min
Response: 40238704
Conc: 17.81 ng/ml