

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL022323\
 Data File : PL081090.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 23 Feb 2023 09:07
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 02/24/2023
 Supervised By : Ankita Jodhani 02/24/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 23 18:59:41 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL022023.M
 Quant Title : GC Extractables
 QLast Update : Mon Feb 20 18:06:39 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...	3.352	2.688	48849033	45904635	20.956	19.948
28)	SA Decachlor...	8.789	7.832	38000466	44612847	19.436	19.044
Target Compounds							
2)	A alpha-BHC	3.800	3.188	33935564	30231200	9.629	9.027
3)	MA gamma-BHC...	4.129	3.516	32915063	28832596	9.994	9.179
6)	B beta-BHC	4.325	3.812	16477210	14140593	11.025	10.510
14)	MA Endrin	6.359	5.547	108.0E6	109.3E6	45.603	44.225
16)	A 4,4'-DDD	6.501	5.699	3873137	3071379	1.915	1.614
17)	MA 4,4'-DDT	6.815	5.950	218.2E6	219.3E6	96.571	101.161
18)	B Endrin al...	6.706	6.021	3115491	3978605	1.713m	2.156m#
20)	A Methoxychlor	7.292	6.527	283.5E6	284.7E6	231.009	237.195
21)	B Endrin ke...	7.421	6.748	5783346	7124531	2.428	2.721

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

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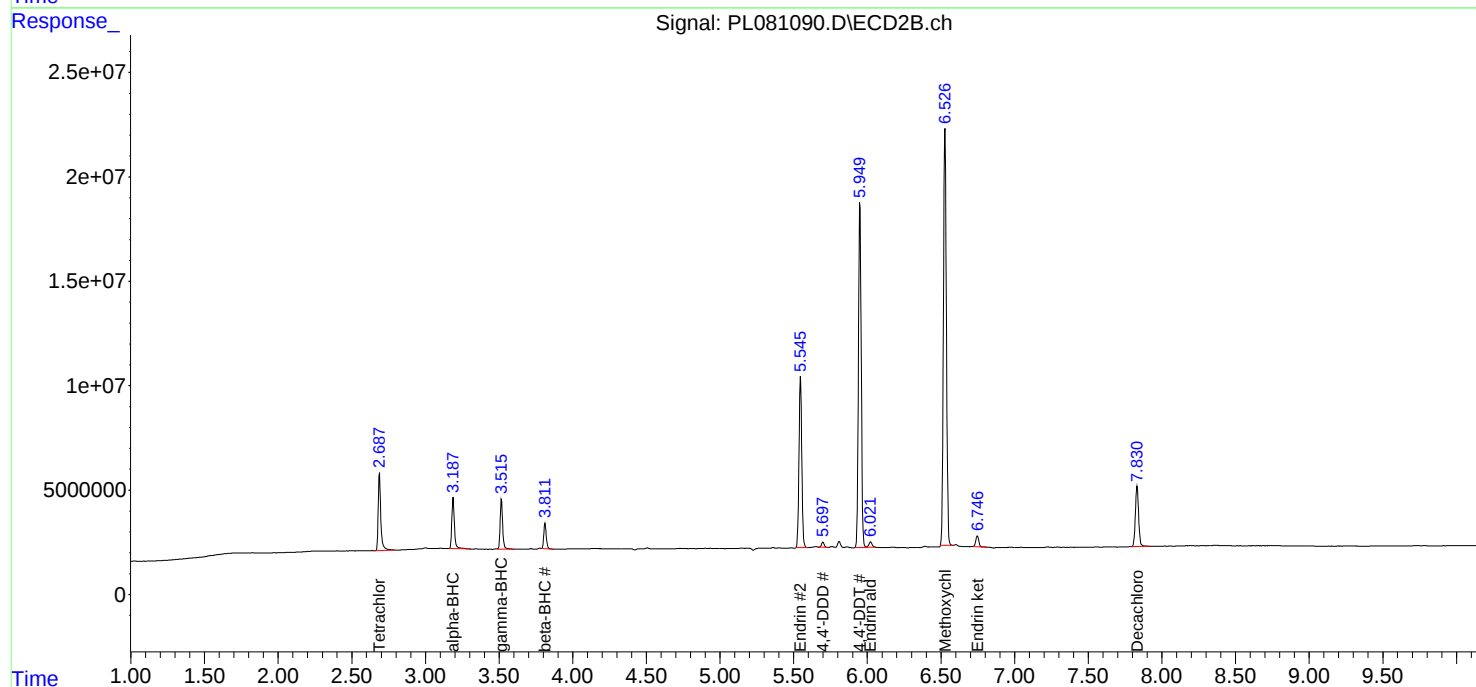
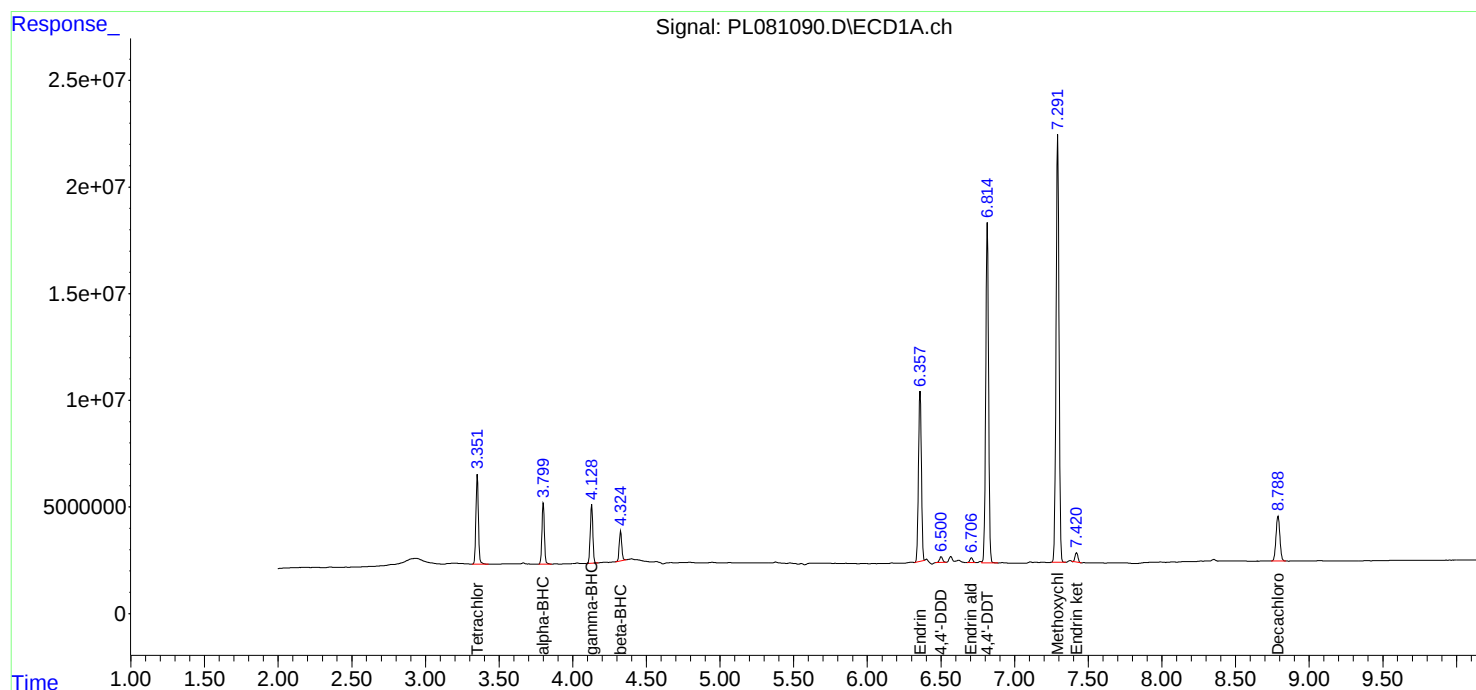
Instrument :
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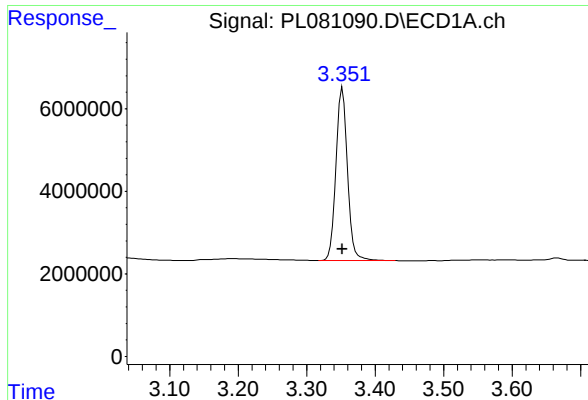
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Integration File signal 1: autoint1.e
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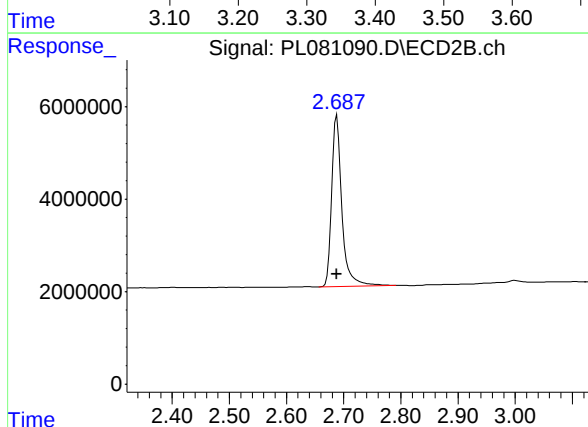
#1 Tetrachloro-m-xylene

R.T.: 3.352 min
Delta R.T.: 0.000 min
Response: 48849033
Conc: 20.96 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

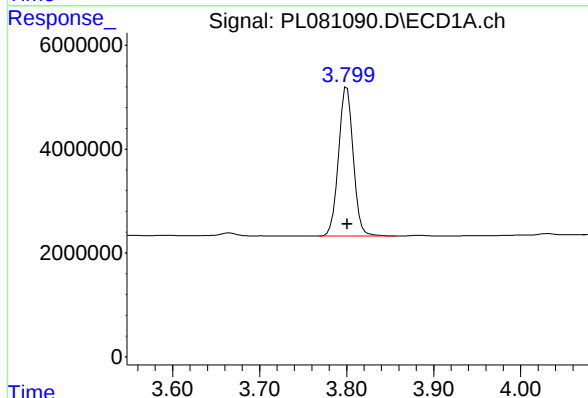
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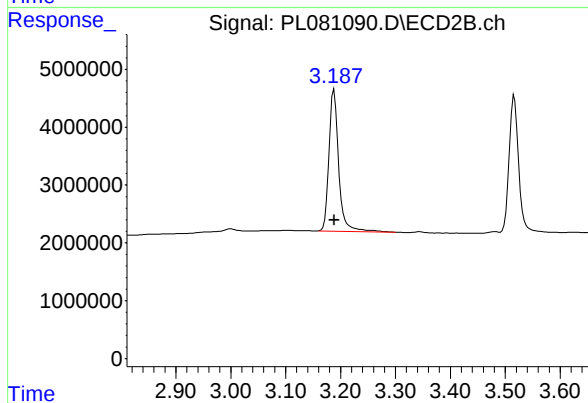
#1 Tetrachloro-m-xylene

R.T.: 2.688 min
Delta R.T.: 0.000 min
Response: 45904635
Conc: 19.95 ng/ml



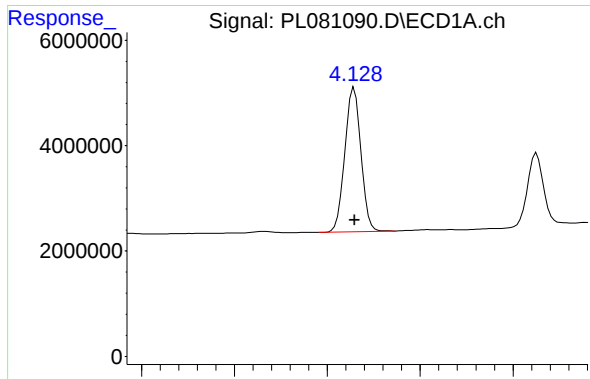
#2 alpha-BHC

R.T.: 3.800 min
Delta R.T.: 0.000 min
Response: 33935564
Conc: 9.63 ng/ml



#2 alpha-BHC

R.T.: 3.188 min
Delta R.T.: 0.000 min
Response: 30231200
Conc: 9.03 ng/ml



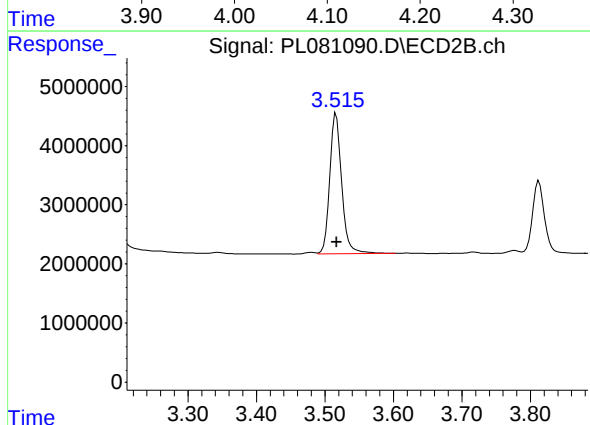
#3 gamma-BHC (Lindane)

R.T.: 4.129 min
Delta R.T.: 0.000 min
Response: 32915063
Conc: 9.99 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

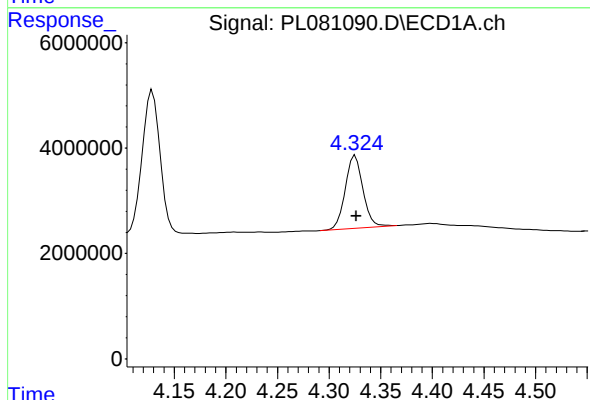
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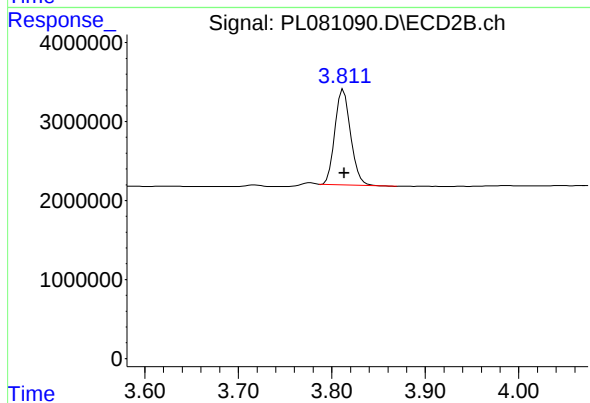
#3 gamma-BHC (Lindane)

R.T.: 3.516 min
Delta R.T.: 0.000 min
Response: 28832596
Conc: 9.18 ng/ml



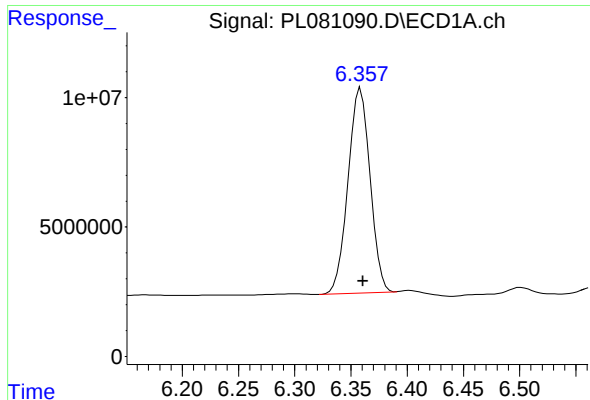
#6 beta-BHC

R.T.: 4.325 min
Delta R.T.: 0.000 min
Response: 16477210
Conc: 11.02 ng/ml



#6 beta-BHC

R.T.: 3.812 min
Delta R.T.: -0.001 min
Response: 14140593
Conc: 10.51 ng/ml



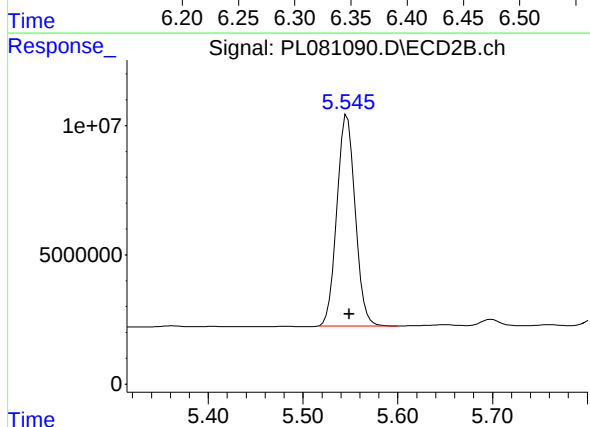
#14 Endrin

R.T.: 6.359 min
Delta R.T.: -0.002 min
Response: 107964343
Conc: 45.60 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

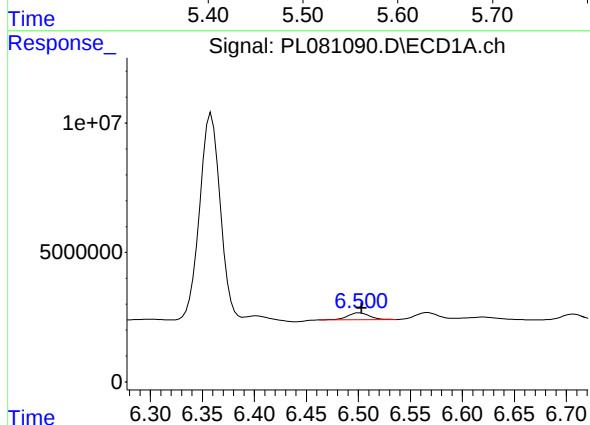
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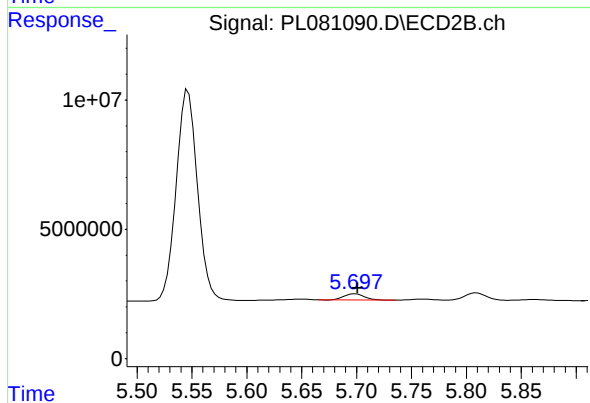
#14 Endrin

R.T.: 5.547 min
Delta R.T.: -0.002 min
Response: 109348562
Conc: 44.23 ng/ml



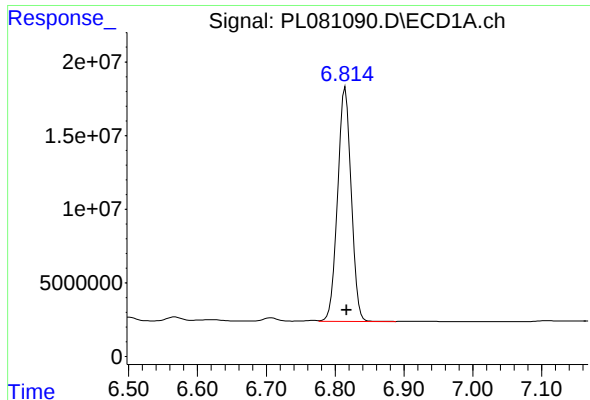
#16 4,4'-DDD

R.T.: 6.501 min
Delta R.T.: -0.002 min
Response: 3873137
Conc: 1.91 ng/ml



#16 4,4'-DDD

R.T.: 5.699 min
Delta R.T.: -0.002 min
Response: 3071379
Conc: 1.61 ng/ml



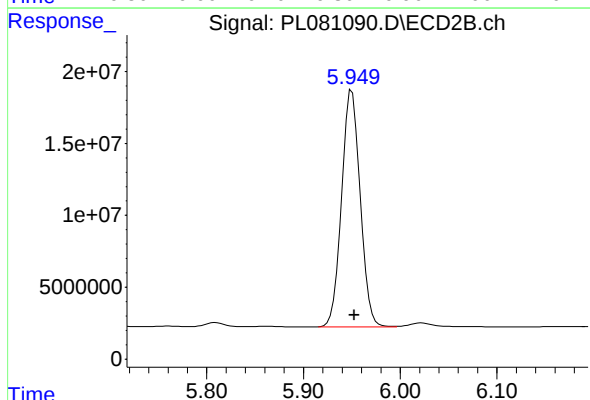
#17 4,4'-DDT

R.T.: 6.815 min
Delta R.T.: -0.002 min
Response: 218191104
Conc: 96.57 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

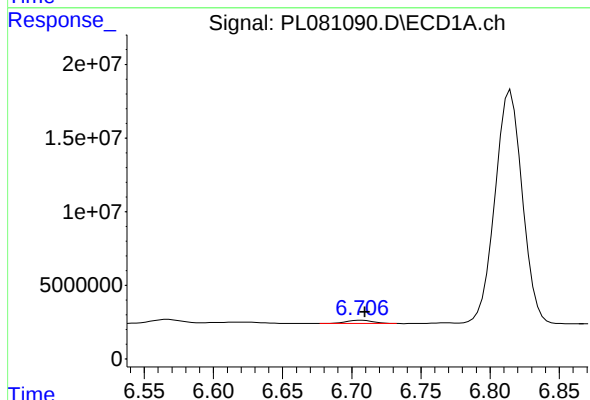
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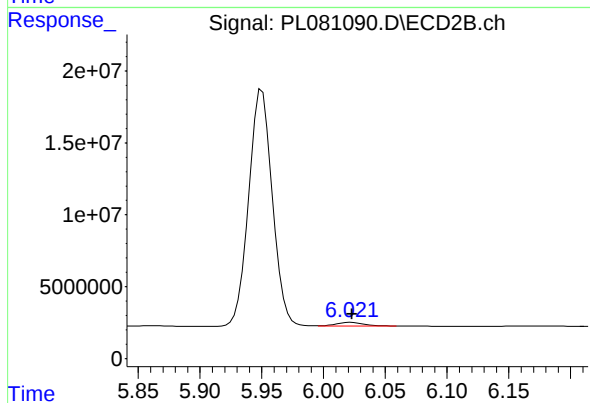
#17 4,4'-DDT

R.T.: 5.950 min
Delta R.T.: -0.002 min
Response: 219326772
Conc: 101.16 ng/ml



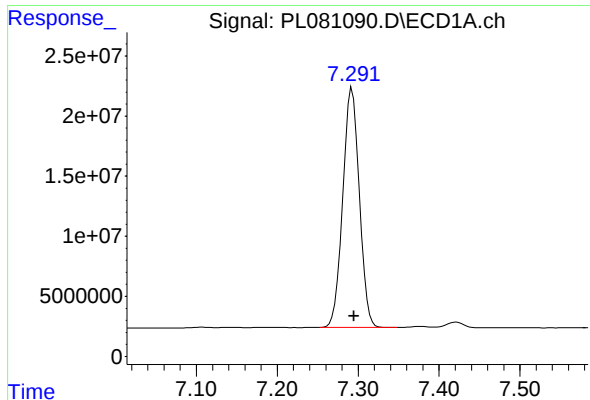
#18 Endrin aldehyde

R.T.: 6.706 min
Delta R.T.: -0.004 min
Response: 3115491
Conc: 1.71 ng/ml m



#18 Endrin aldehyde

R.T.: 6.021 min
Delta R.T.: -0.002 min
Response: 3978605
Conc: 2.16 ng/ml m



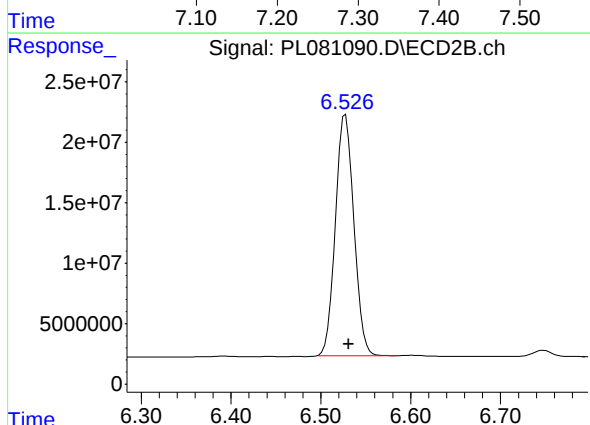
#20 Methoxychlor

R.T.: 7.292 min
Delta R.T.: -0.002 min
Response: 283469490
Conc: 231.01 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

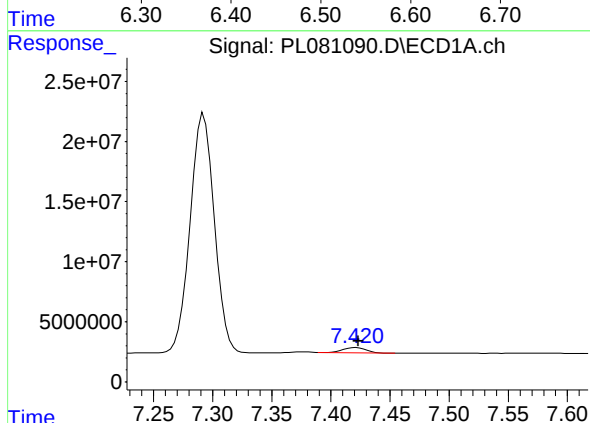
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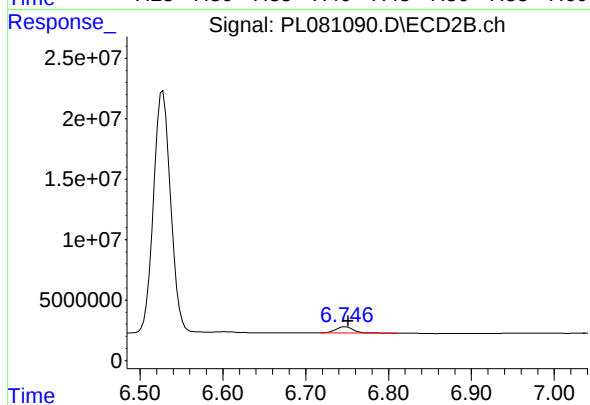
#20 Methoxychlor

R.T.: 6.527 min
Delta R.T.: -0.003 min
Response: 284696071
Conc: 237.19 ng/ml



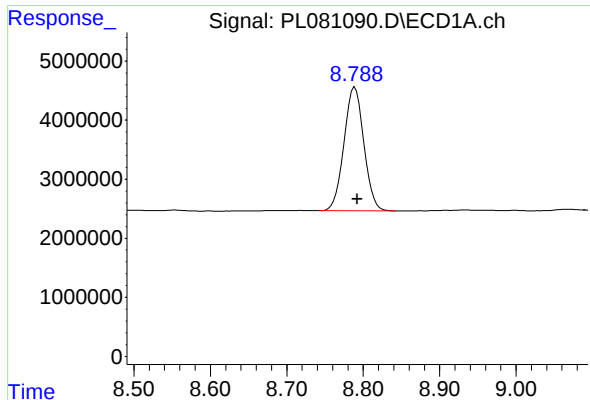
#21 Endrin ketone

R.T.: 7.421 min
Delta R.T.: -0.002 min
Response: 5783346
Conc: 2.43 ng/ml



#21 Endrin ketone

R.T.: 6.748 min
Delta R.T.: -0.003 min
Response: 7124531
Conc: 2.72 ng/ml



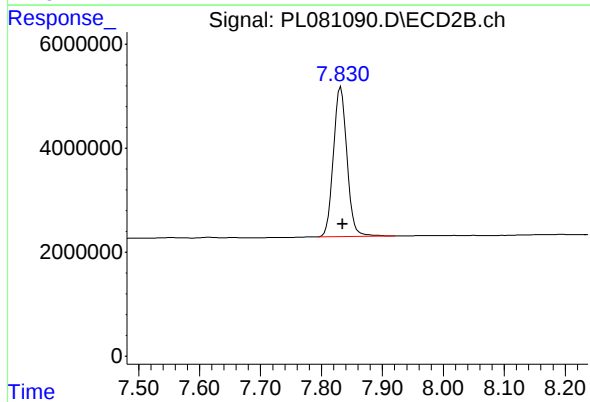
#28 Decachlorobiphenyl

R.T.: 8.789 min
Delta R.T.: -0.003 min
Response: 38000466
Conc: 19.44 ng/ml

Instrument :
ECD_L
ClientSampleId :
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#28 Decachlorobiphenyl

R.T.: 7.832 min
Delta R.T.: -0.003 min
Response: 44612847
Conc: 19.04 ng/ml