

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL121223\
 Data File : PL087106.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 12 Dec 2023 17:29
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 12/13/2023
 Supervised By : Ankita Jodhani 12/13/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 12 21:40:30 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL121223.M
 Quant Title : GC Extractables
 QLast Update : Tue Dec 12 17:22:26 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...	3.454	2.703	64338240	17103170	17.634	17.317
28)	SA Decachlor...	9.049	7.900	55120926	20907624	18.211	20.410
Target Compounds							
2)	A alpha-BHC	3.913	3.210	44527437	10781117	8.476	8.164
3)	MA gamma-BHC...	4.248	3.541	43076718	10743461	8.771	8.205
6)	B beta-BHC	4.449	3.843	20737406	5799199	9.870	9.721
14)	MA Endrin	6.518	5.589	144.2E6	47557333	43.296	46.514
16)	A 4,4'-DDD	6.668	5.748	1374242	479069	0.565	0.578m
17)	MA 4,4'-DDT	6.987	6.003	270.8E6	91061529	95.844	103.799
18)	B Endrin al...	6.876	6.070	3496037	2582679	1.485	3.241m#
20)	A Methoxychlor	7.479	6.590	355.3E6	128.7E6	242.936	236.015
21)	B Endrin ke...	7.600	6.798	6430824	2398319	1.982	2.232m

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

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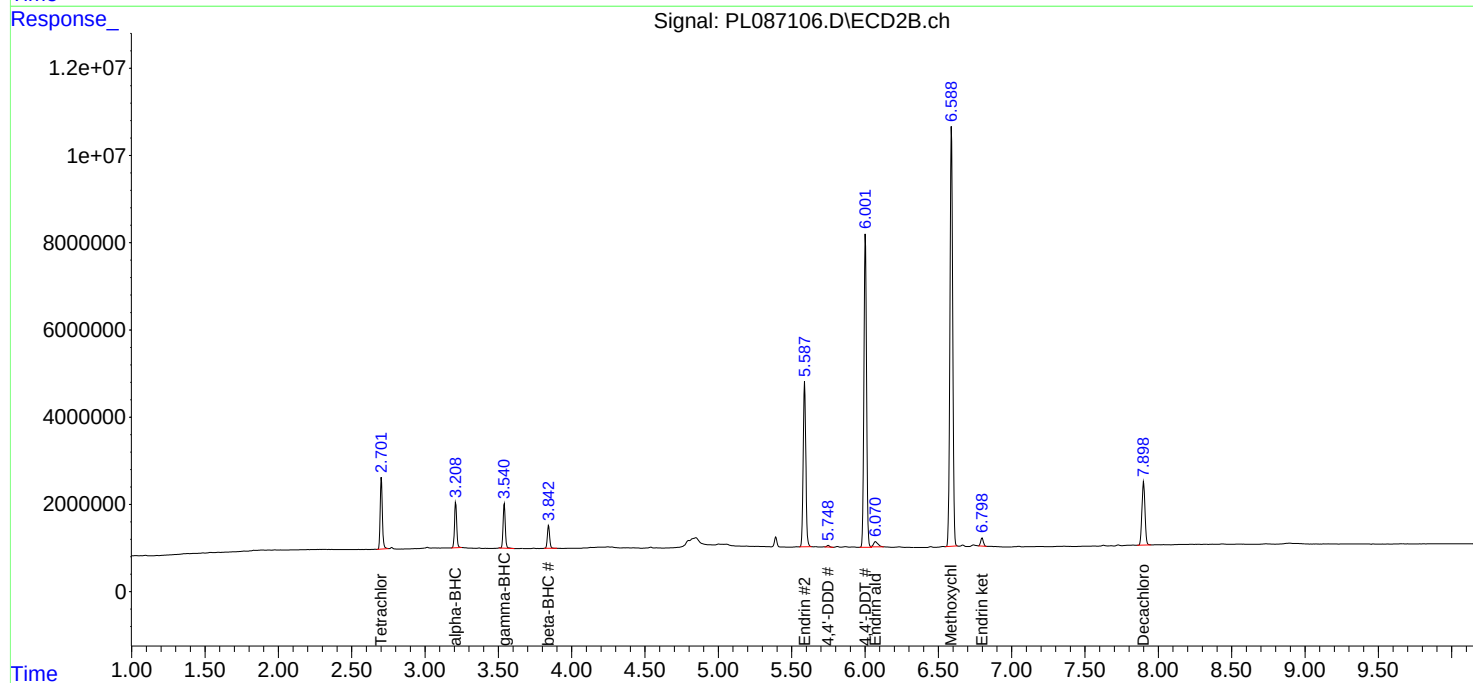
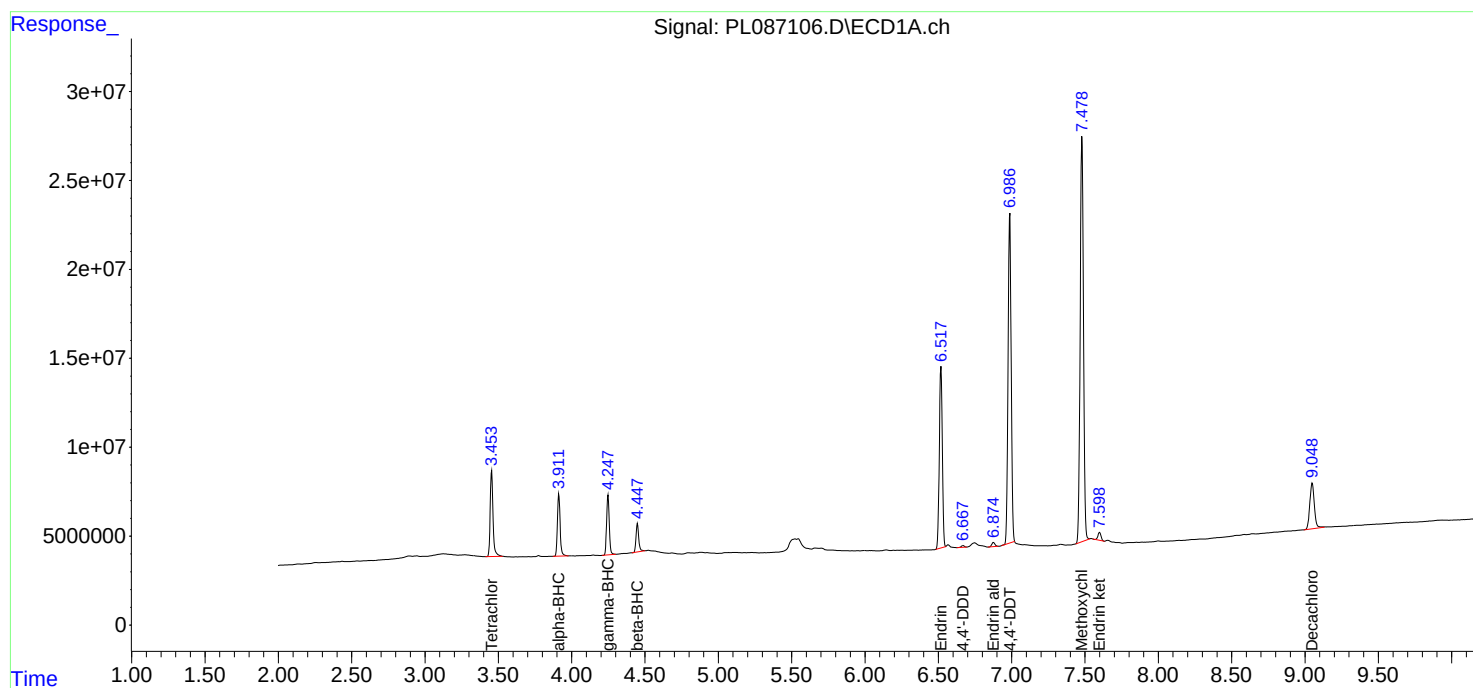
Instrument :
ECD_L
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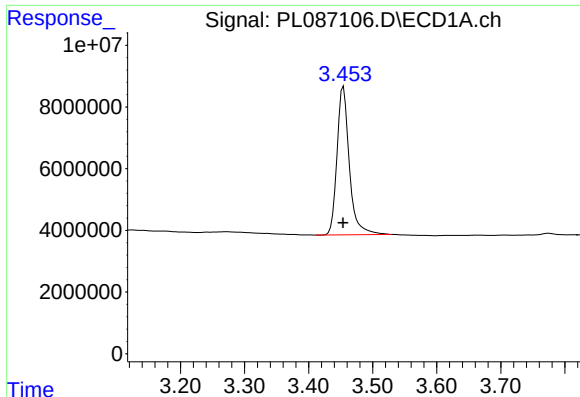
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Integration File signal 1: autoint1.e
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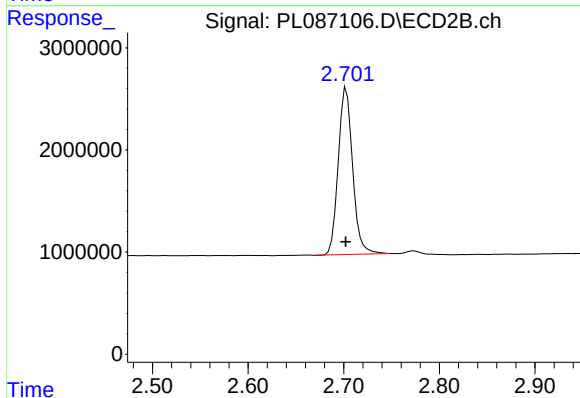
#1 Tetrachloro-m-xylene

R.T.: 3.454 min
Delta R.T.: 0.000 min
Response: 64338240
Conc: 17.63 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

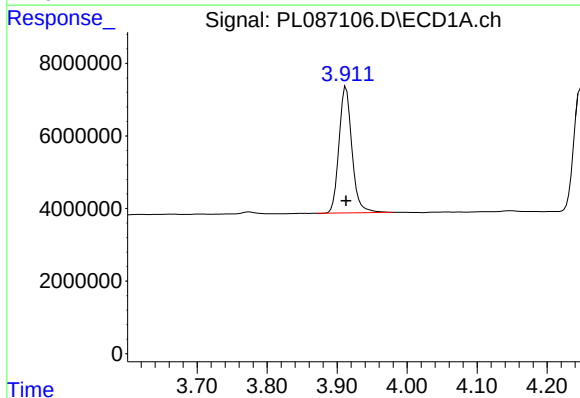
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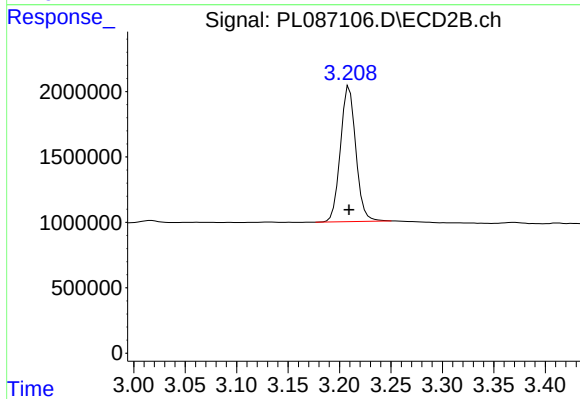
#1 Tetrachloro-m-xylene

R.T.: 2.703 min
Delta R.T.: 0.000 min
Response: 17103170
Conc: 17.32 ng/ml



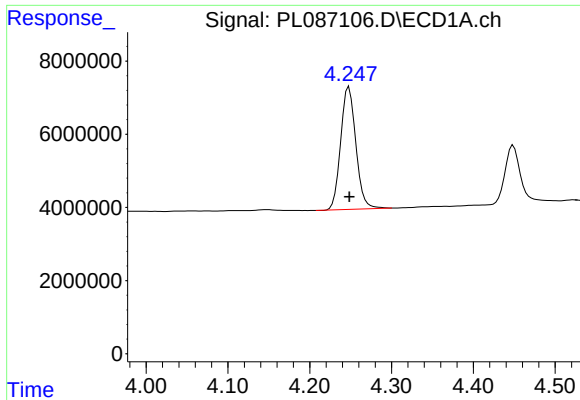
#2 alpha-BHC

R.T.: 3.913 min
Delta R.T.: 0.000 min
Response: 44527437
Conc: 8.48 ng/ml



#2 alpha-BHC

R.T.: 3.210 min
Delta R.T.: 0.000 min
Response: 10781117
Conc: 8.16 ng/ml



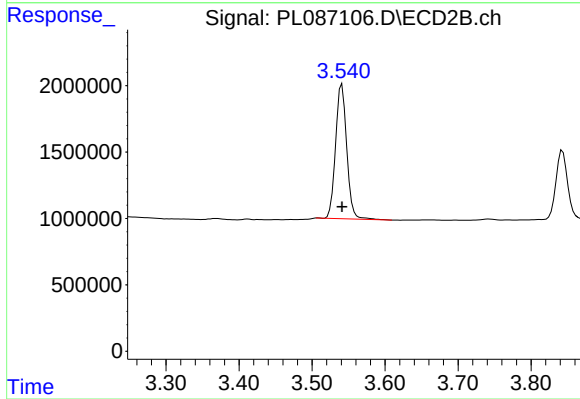
#3 gamma-BHC (Lindane)

R.T.: 4.248 min
Delta R.T.: 0.000 min
Response: 43076718
Conc: 8.77 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

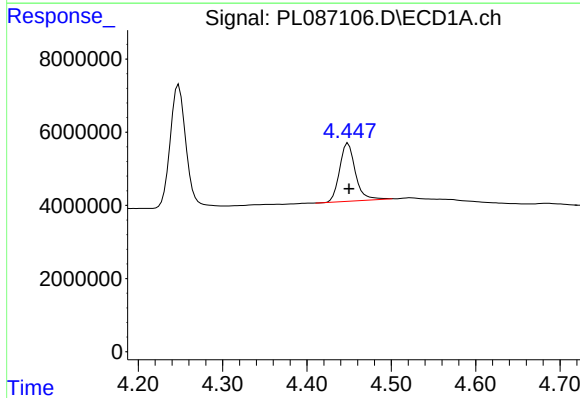
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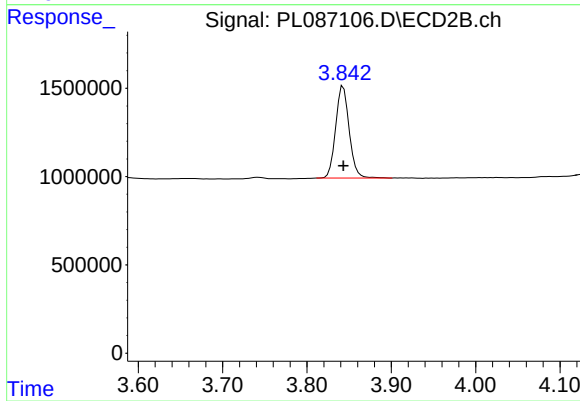
#3 gamma-BHC (Lindane)

R.T.: 3.541 min
Delta R.T.: 0.000 min
Response: 10743461
Conc: 8.21 ng/ml



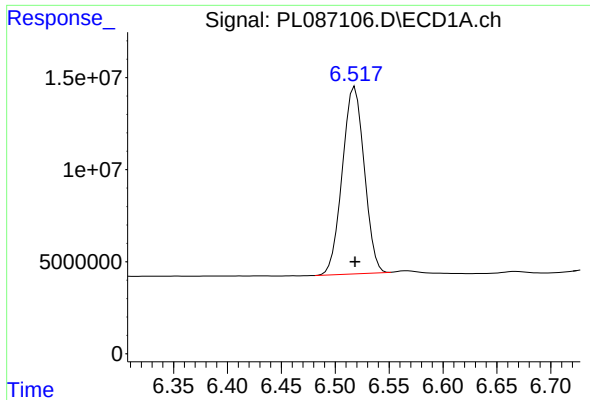
#6 beta-BHC

R.T.: 4.449 min
Delta R.T.: 0.000 min
Response: 20737406
Conc: 9.87 ng/ml



#6 beta-BHC

R.T.: 3.843 min
Delta R.T.: 0.000 min
Response: 5799199
Conc: 9.72 ng/ml



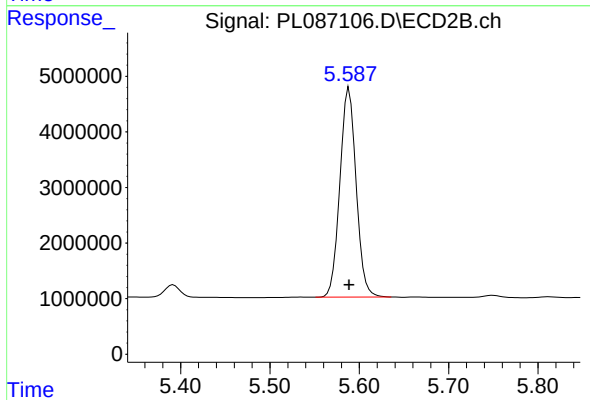
#14 Endrin

R.T.: 6.518 min
Delta R.T.: 0.000 min
Response: 144226619
Conc: 43.30 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

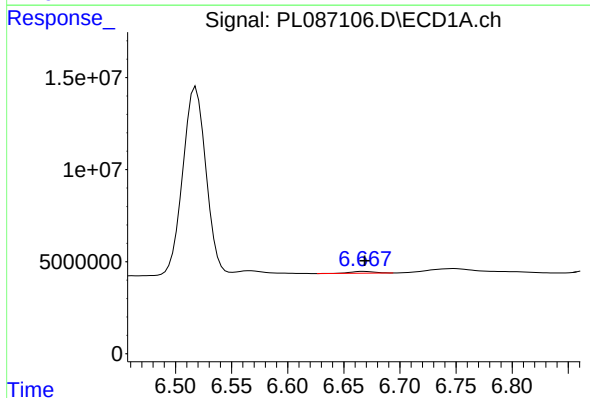
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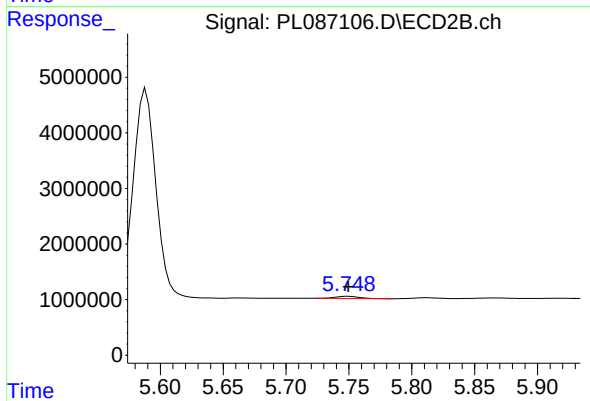
#14 Endrin

R.T.: 5.589 min
Delta R.T.: 0.000 min
Response: 47557333
Conc: 46.51 ng/ml



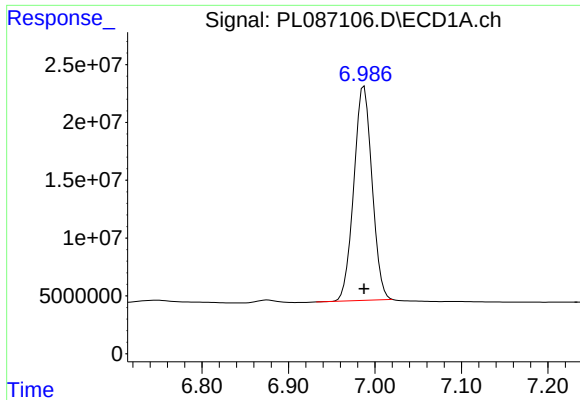
#16 4,4'-DDD

R.T.: 6.668 min
Delta R.T.: 0.000 min
Response: 1374242
Conc: 0.56 ng/ml



#16 4,4'-DDD

R.T.: 5.748 min
Delta R.T.: -0.002 min
Response: 479069
Conc: 0.58 ng/ml m



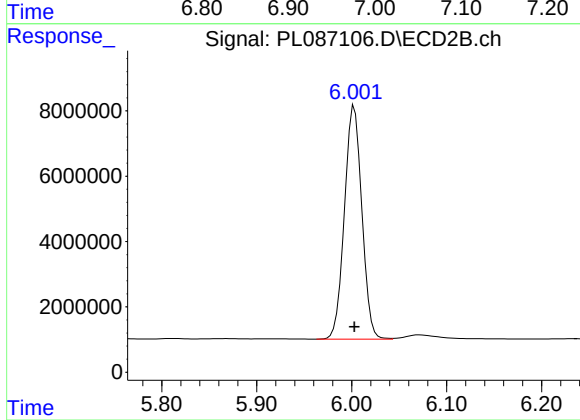
#17 4,4'-DDT

R.T.: 6.987 min
Delta R.T.: 0.000 min
Response: 270792481
Conc: 95.84 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

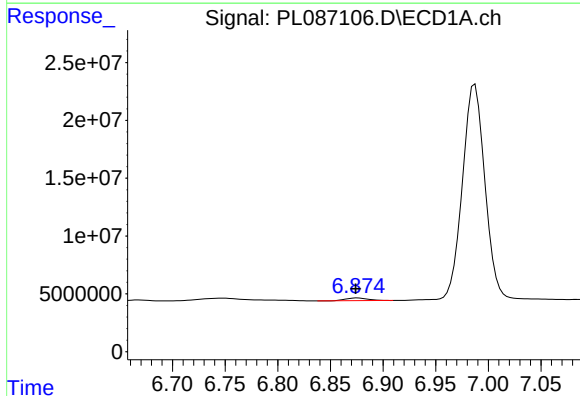
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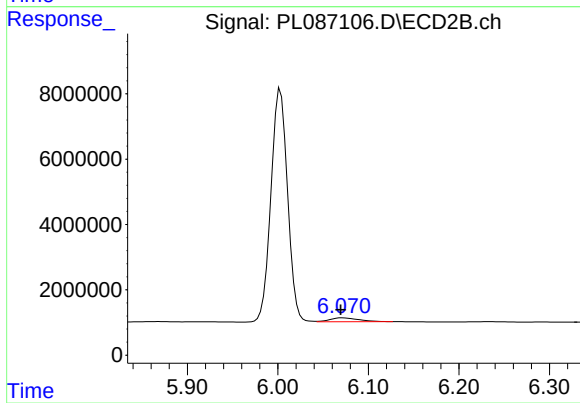
#17 4,4'-DDT

R.T.: 6.003 min
Delta R.T.: 0.000 min
Response: 91061529
Conc: 103.80 ng/ml



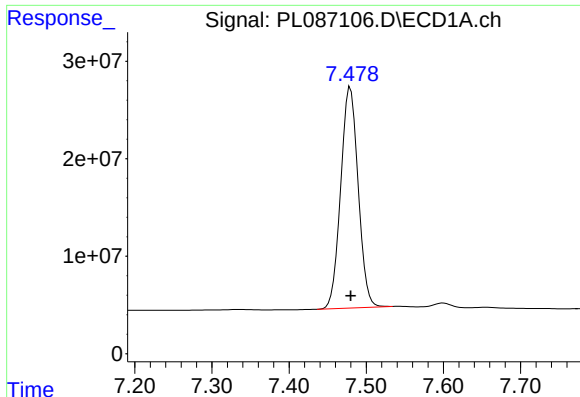
#18 Endrin aldehyde

R.T.: 6.876 min
Delta R.T.: 0.002 min
Response: 3496037
Conc: 1.49 ng/ml



#18 Endrin aldehyde

R.T.: 6.070 min
Delta R.T.: 0.000 min
Response: 2582679
Conc: 3.24 ng/ml m



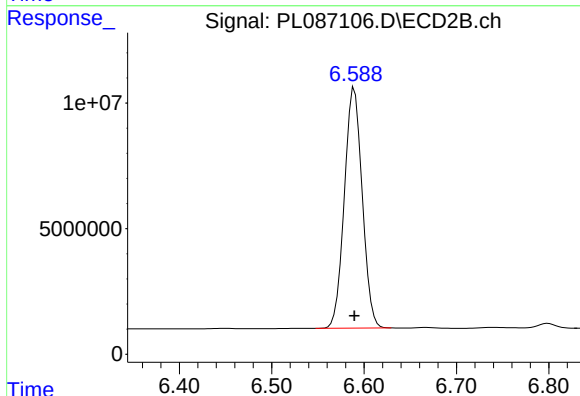
#20 Methoxychlor

R.T.: 7.479 min
Delta R.T.: 0.000 min
Response: 355271042
Conc: 242.94 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

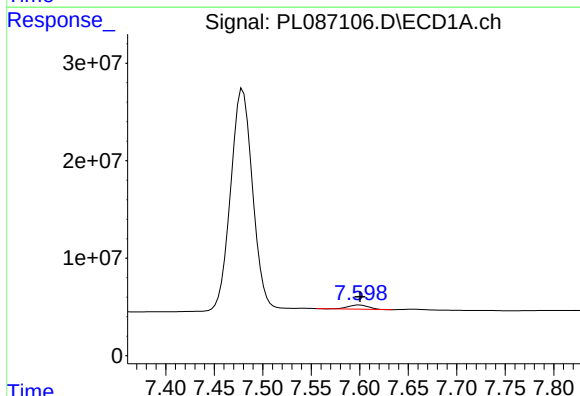
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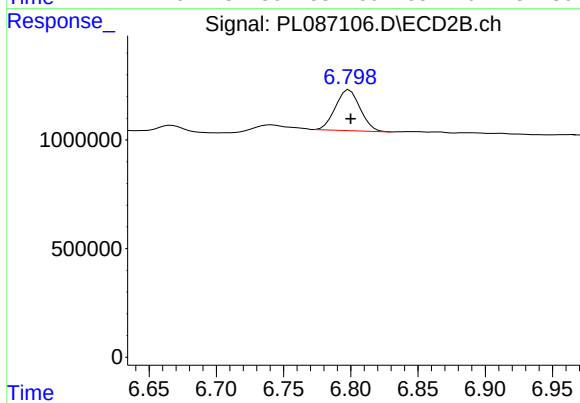
#20 Methoxychlor

R.T.: 6.590 min
Delta R.T.: 0.000 min
Response: 128682372
Conc: 236.02 ng/ml



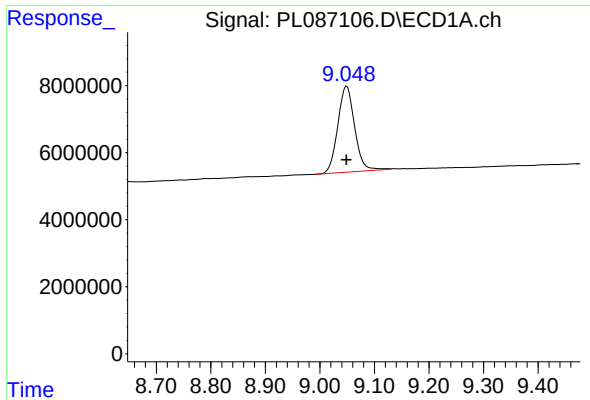
#21 Endrin ketone

R.T.: 7.600 min
Delta R.T.: 0.000 min
Response: 6430824
Conc: 1.98 ng/ml



#21 Endrin ketone

R.T.: 6.798 min
Delta R.T.: -0.002 min
Response: 2398319
Conc: 2.23 ng/ml m



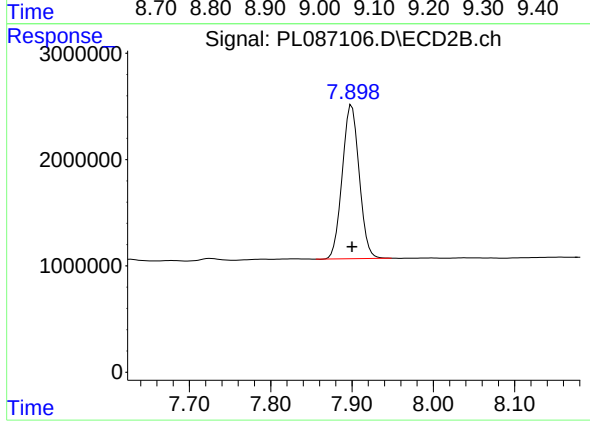
#28 Decachlorobiphenyl

R.T.: 9.049 min
Delta R.T.: 0.000 min
Response: 55120926
Conc: 18.21 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

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#28 Decachlorobiphenyl

R.T.: 7.900 min
Delta R.T.: 0.000 min
Response: 20907624
Conc: 20.41 ng/ml