

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL121323\
 Data File : PL087134.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 13 Dec 2023 15:07
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 12/14/2023
 Supervised By : Ankita Jodhani 12/14/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 13 23:33:25 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...	3.455	2.703	67702164	18425717	18.556	18.656
28)	SA Decachlor...	9.051	7.900	63418651	21314293	20.952	20.807
Target Compounds							
2)	A alpha-BHC	3.913	3.210	46463545	11326129	8.845	8.577
3)	MA gamma-BHC...	4.249	3.541	44848916	11238503	9.131	8.583
6)	B beta-BHC	4.450	3.843	21667424	6173696	10.313	10.348
14)	MA Endrin	6.520	5.588	144.9E6	48031125	43.502	46.978
16)	A 4,4'-DDD	6.668	5.749	4432097	1330244	1.821m	1.604
17)	MA 4,4'-DDT	6.989	6.002	287.9E6	95648362	101.912	109.027
18)	B Endrin al...	6.876	6.068	4481376	2178879	1.904	2.735m#
20)	A Methoxychlor	7.480	6.589	381.7E6	130.1E6	261.013	238.601
21)	B Endrin ke...	7.600	6.799	9072413	3061680	2.796	2.849

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

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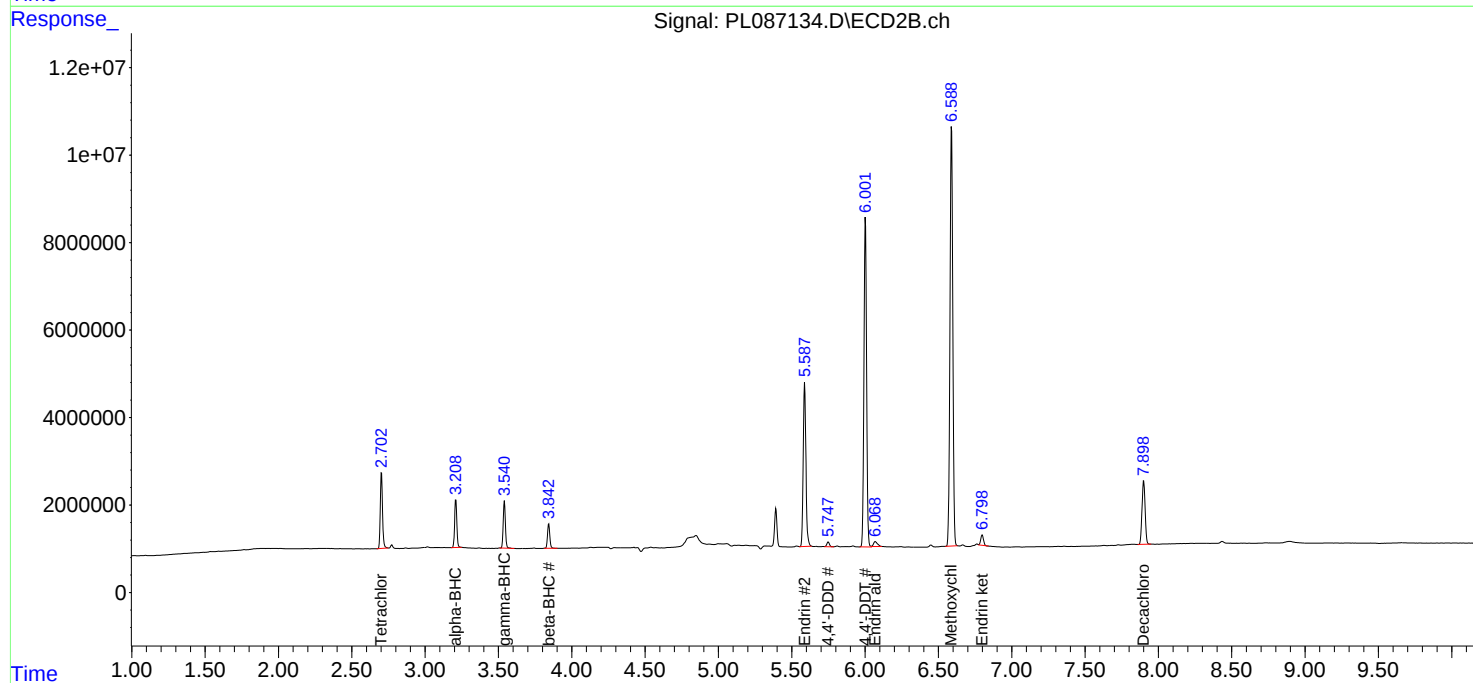
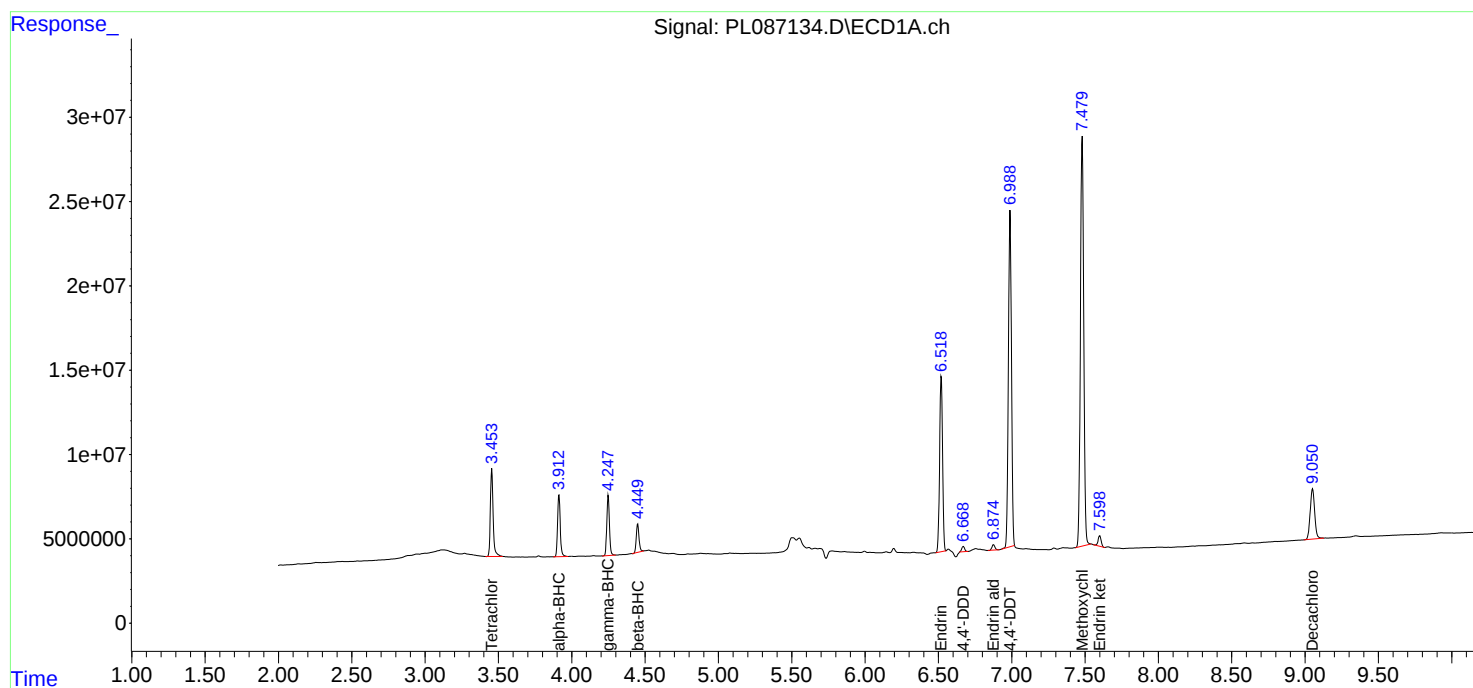
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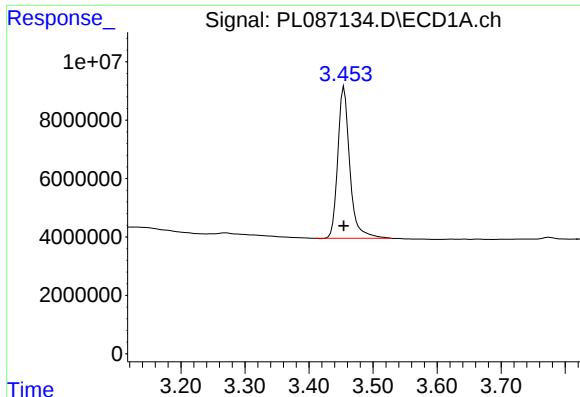
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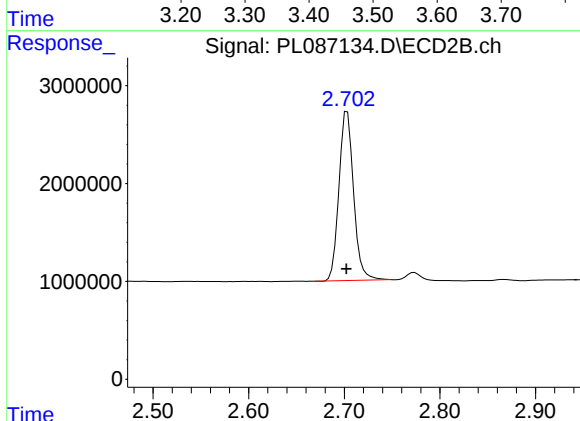
#1 Tetrachloro-m-xylene

R.T.: 3.455 min
Delta R.T.: 0.000 min
Response: 67702164
Conc: 18.56 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

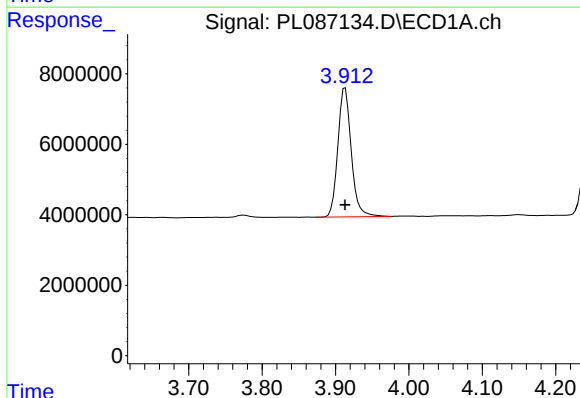
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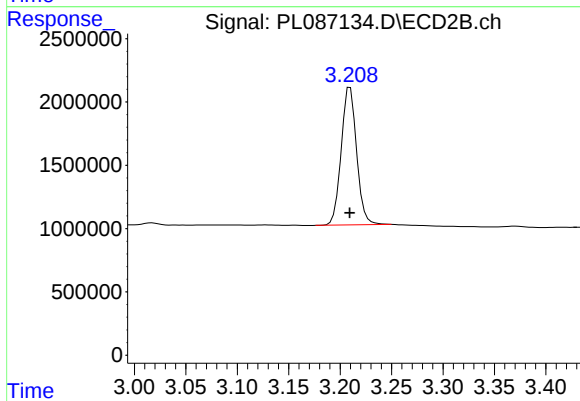
#1 Tetrachloro-m-xylene

R.T.: 2.703 min
Delta R.T.: 0.000 min
Response: 18425717
Conc: 18.66 ng/ml



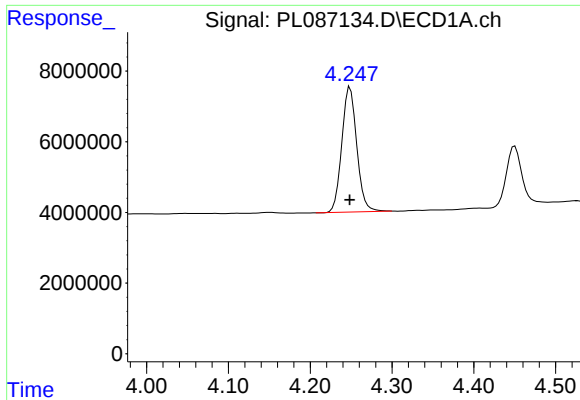
#2 alpha-BHC

R.T.: 3.913 min
Delta R.T.: 0.000 min
Response: 46463545
Conc: 8.84 ng/ml



#2 alpha-BHC

R.T.: 3.210 min
Delta R.T.: 0.000 min
Response: 11326129
Conc: 8.58 ng/ml



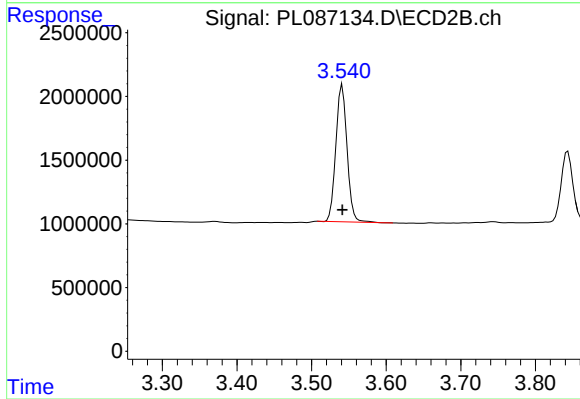
#3 gamma-BHC (Lindane)

R.T.: 4.249 min
Delta R.T.: 0.000 min
Response: 44848916
Conc: 9.13 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

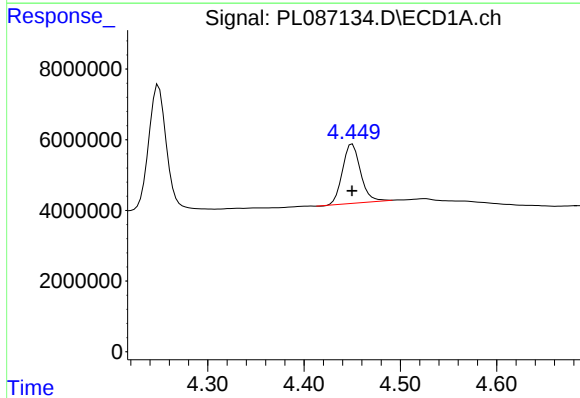
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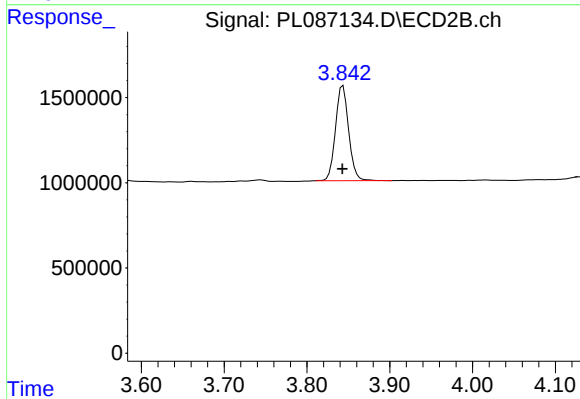
#3 gamma-BHC (Lindane)

R.T.: 3.541 min
Delta R.T.: 0.000 min
Response: 11238503
Conc: 8.58 ng/ml



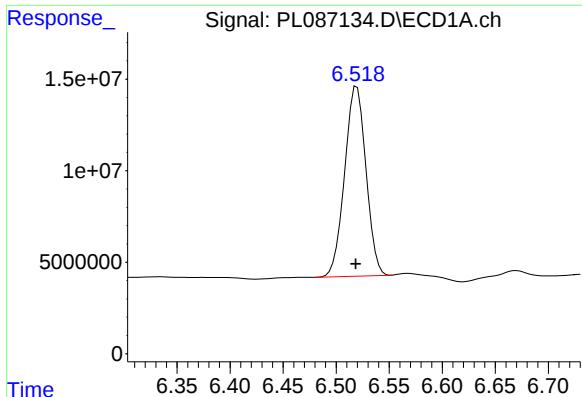
#6 beta-BHC

R.T.: 4.450 min
Delta R.T.: 0.000 min
Response: 21667424
Conc: 10.31 ng/ml



#6 beta-BHC

R.T.: 3.843 min
Delta R.T.: 0.000 min
Response: 6173696
Conc: 10.35 ng/ml



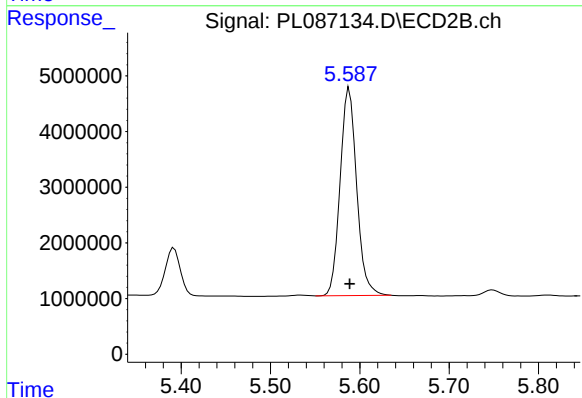
#14 Endrin

R.T.: 6.520 min
Delta R.T.: 0.001 min
Response: 144911416
Conc: 43.50 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

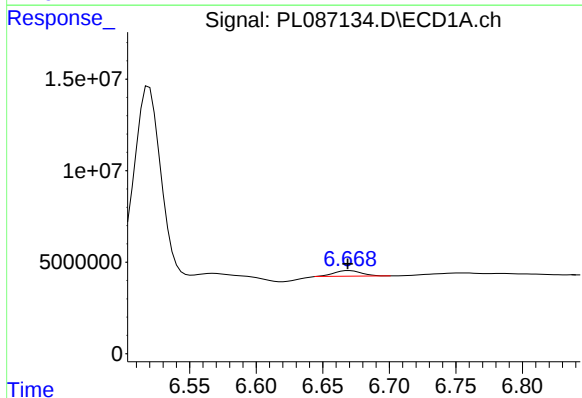
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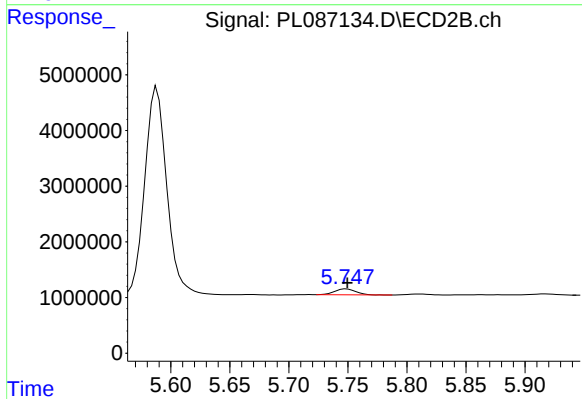
#14 Endrin

R.T.: 5.588 min
Delta R.T.: 0.000 min
Response: 48031125
Conc: 46.98 ng/ml



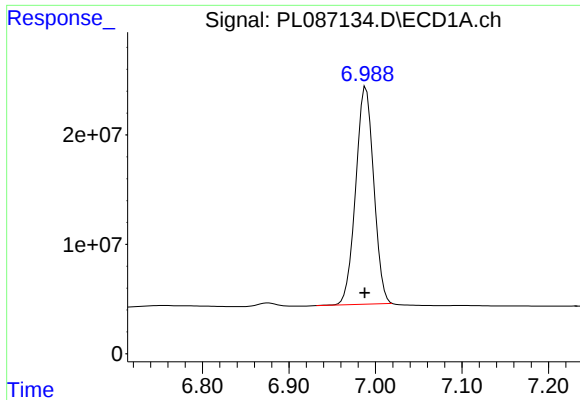
#16 4,4'-DDD

R.T.: 6.668 min
Delta R.T.: 0.000 min
Response: 4432097
Conc: 1.82 ng/ml m



#16 4,4'-DDD

R.T.: 5.749 min
Delta R.T.: 0.000 min
Response: 1330244
Conc: 1.60 ng/ml



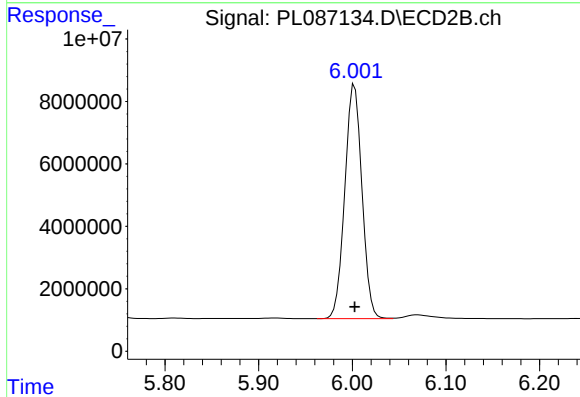
#17 4,4'-DDT

R.T.: 6.989 min
Delta R.T.: 0.002 min
Response: 287936687
Conc: 101.91 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

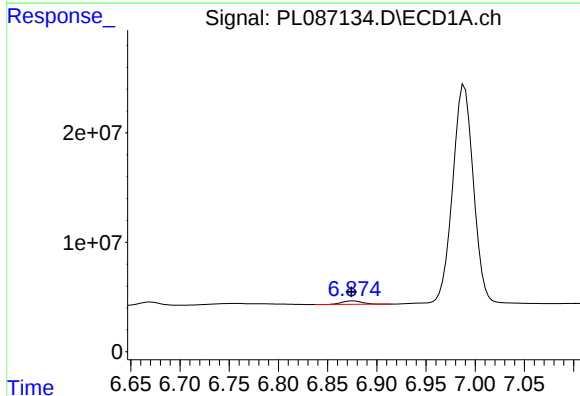
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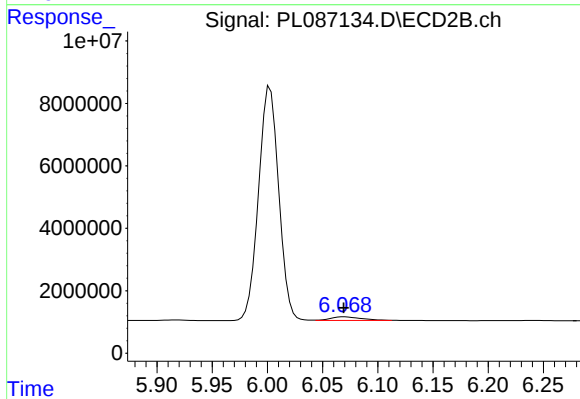
#17 4,4'-DDT

R.T.: 6.002 min
Delta R.T.: 0.000 min
Response: 95648362
Conc: 109.03 ng/ml



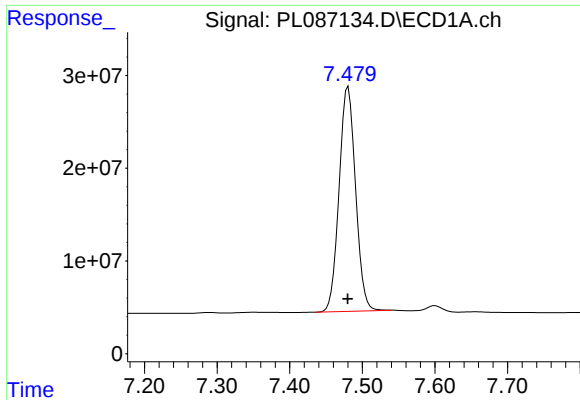
#18 Endrin aldehyde

R.T.: 6.876 min
Delta R.T.: 0.002 min
Response: 4481376
Conc: 1.90 ng/ml



#18 Endrin aldehyde

R.T.: 6.068 min
Delta R.T.: -0.001 min
Response: 2178879
Conc: 2.73 ng/ml m



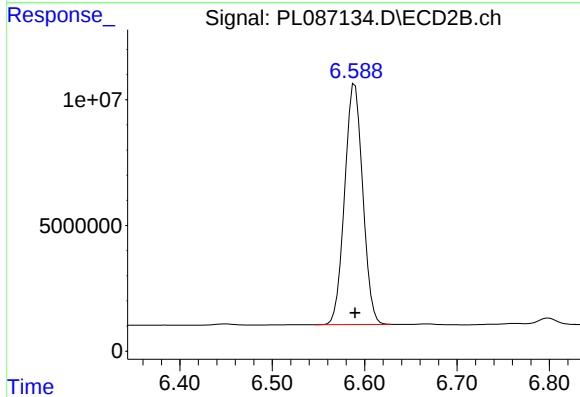
#20 Methoxychlor

R.T.: 7.480 min
Delta R.T.: 0.000 min
Response: 381707011
Conc: 261.01 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

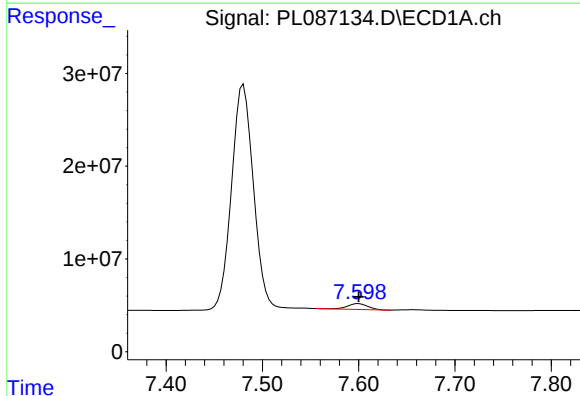
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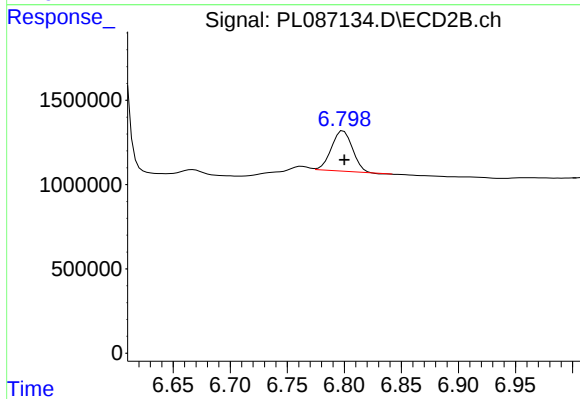
#20 Methoxychlor

R.T.: 6.589 min
Delta R.T.: 0.000 min
Response: 130091867
Conc: 238.60 ng/ml



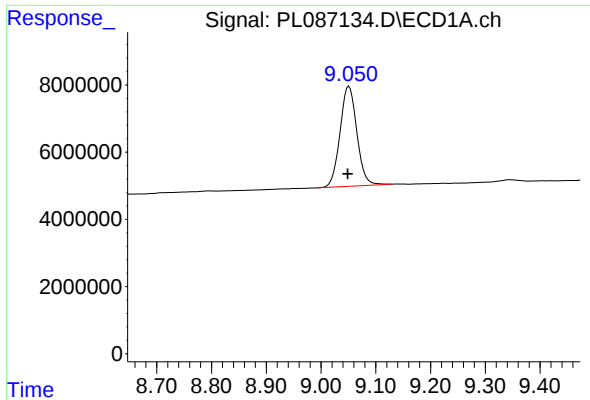
#21 Endrin ketone

R.T.: 7.600 min
Delta R.T.: 0.000 min
Response: 9072413
Conc: 2.80 ng/ml



#21 Endrin ketone

R.T.: 6.799 min
Delta R.T.: 0.000 min
Response: 3061680
Conc: 2.85 ng/ml



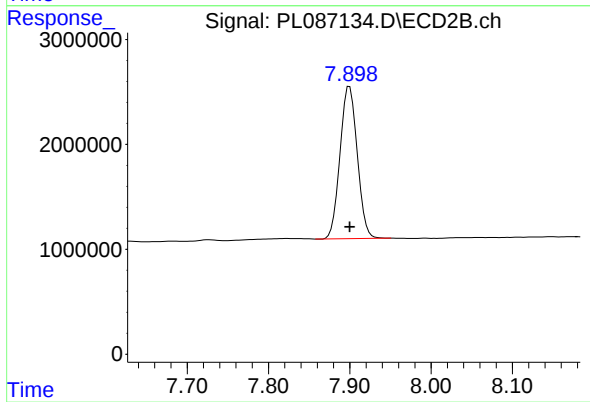
#28 Decachlorobiphenyl

R.T.: 9.051 min
Delta R.T.: 0.002 min
Response: 63418651
Conc: 20.95 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: 21314293
Conc: 20.81 ng/ml