

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL041723\
 Data File : PL082147.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 17 Apr 2023 19:49
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 04/18/2023
 Supervised By : Ankita Jodhani 04/18/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 17 21:56:29 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL032223.M
 Quant Title : GC Extractables
 QLast Update : Thu Mar 23 01:07:33 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...	3.324	2.650	41464680	38144939	17.827	19.109
28) SA Decachlor...	8.748	7.764	30377030	34608230	16.974	17.450m
Target Compounds						
2) A alpha-BHC	3.773	3.148	28906671	25136083	8.432	8.623
3) MA gamma-BHC...	4.101	3.476	27531466	23743866	8.666m	8.528
6) B beta-BHC	4.305	3.776	13926541	12781194	9.253	10.732
14) MA Endrin	6.327	5.494	78782984	83952116	37.246	41.484
16) A 4,4'-DDD	6.472	5.645	1926931	1956559	1.068	1.289
17) MA 4,4'-DDT	6.783	5.894	161.6E6	166.3E6	79.599	96.484
18) B Endrin al...	6.680	5.971	2655947	4226250	1.623	2.721 #
20) A Methoxychlor	7.263	6.472	217.9E6	226.6E6	202.318	227.457m
21) B Endrin ke...	7.393	6.698	3953207	5546009	1.887	2.595 #

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

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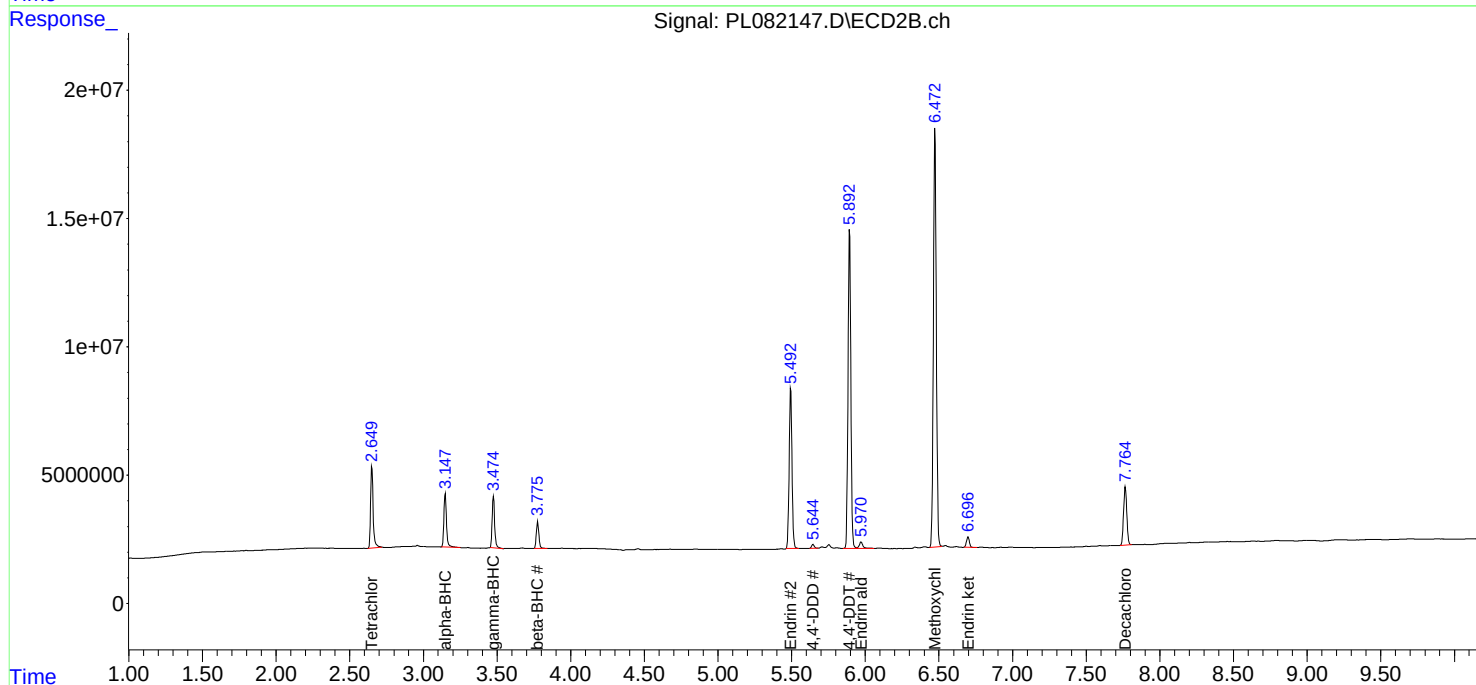
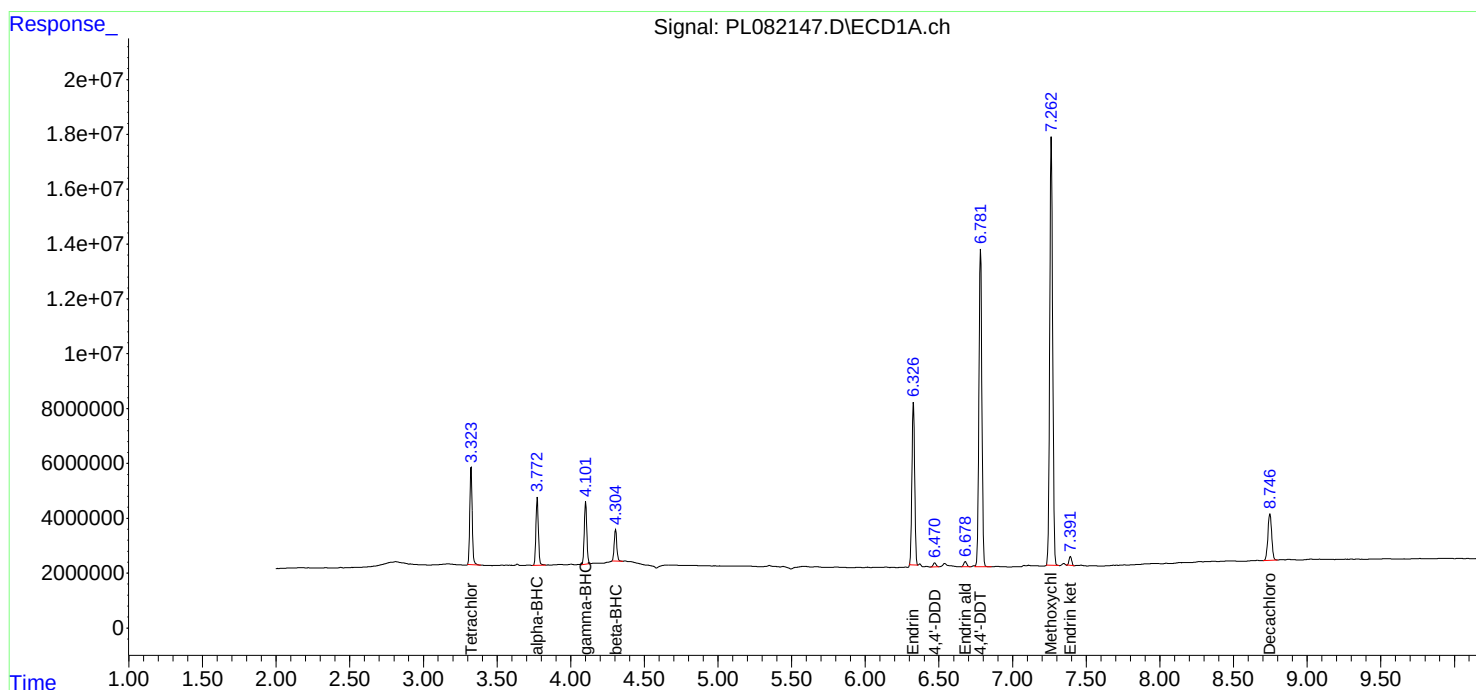
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PEM

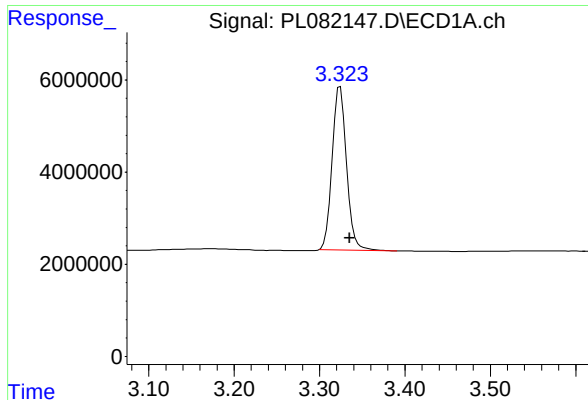
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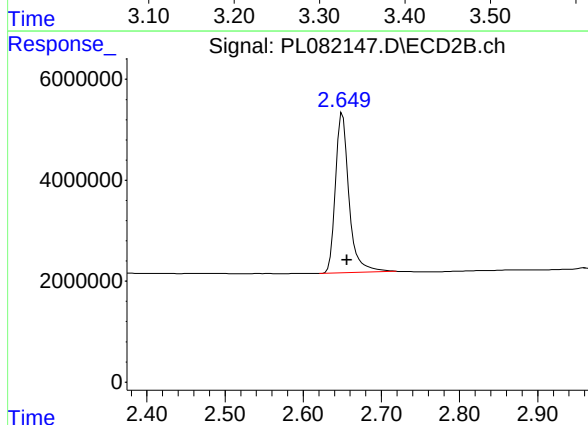
#1 Tetrachloro-m-xylene

R.T.: 3.324 min
Delta R.T.: -0.011 min
Response: 41464680
Conc: 17.83 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

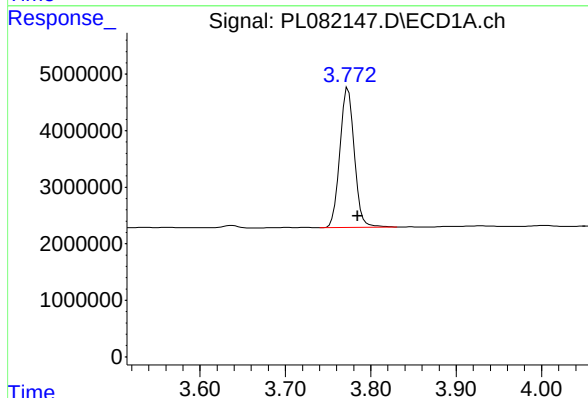
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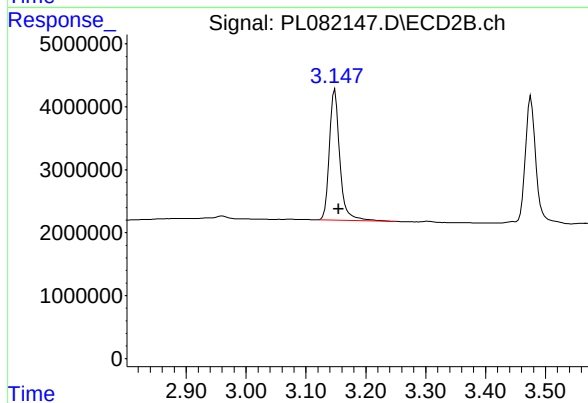
#1 Tetrachloro-m-xylene

R.T.: 2.650 min
Delta R.T.: -0.006 min
Response: 38144939
Conc: 19.11 ng/ml



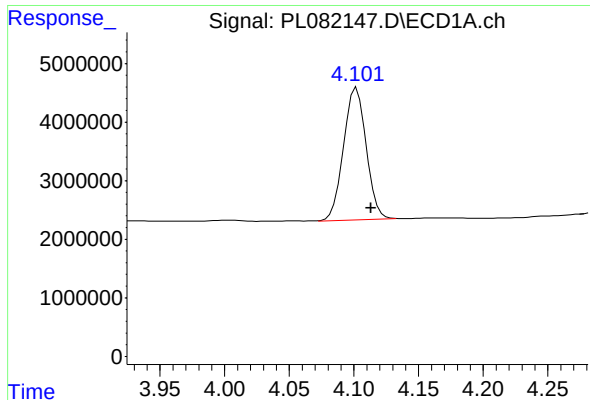
#2 alpha-BHC

R.T.: 3.773 min
Delta R.T.: -0.011 min
Response: 28906671
Conc: 8.43 ng/ml



#2 alpha-BHC

R.T.: 3.148 min
Delta R.T.: -0.006 min
Response: 25136083
Conc: 8.62 ng/ml



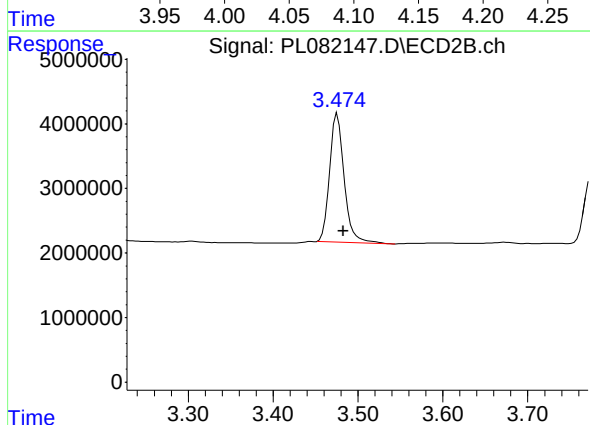
#3 gamma-BHC (Lindane)

R.T.: 4.101 min
Delta R.T.: -0.013 min
Response: 27531466
Conc: 8.67 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

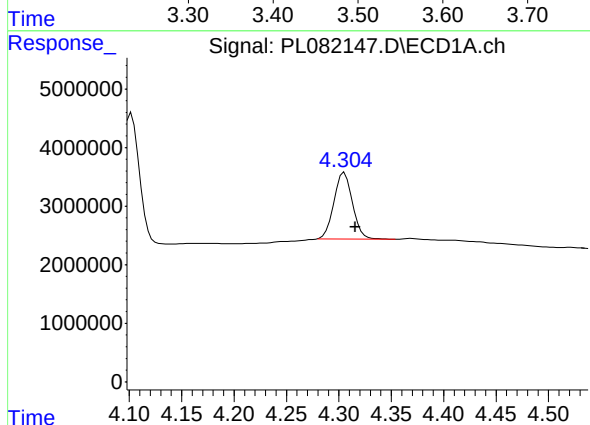
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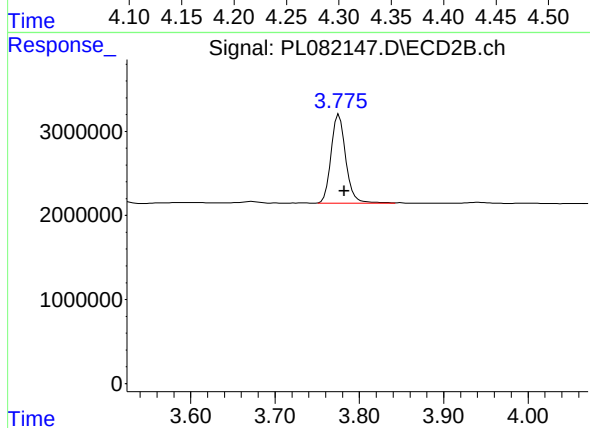
#3 gamma-BHC (Lindane)

R.T.: 3.476 min
Delta R.T.: -0.007 min
Response: 23743866
Conc: 8.53 ng/ml



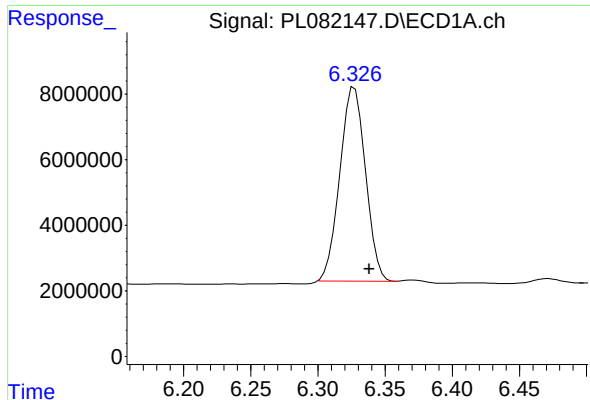
#6 beta-BHC

R.T.: 4.305 min
Delta R.T.: -0.010 min
Response: 13926541
Conc: 9.25 ng/ml



#6 beta-BHC

R.T.: 3.776 min
Delta R.T.: -0.006 min
Response: 12781194
Conc: 10.73 ng/ml



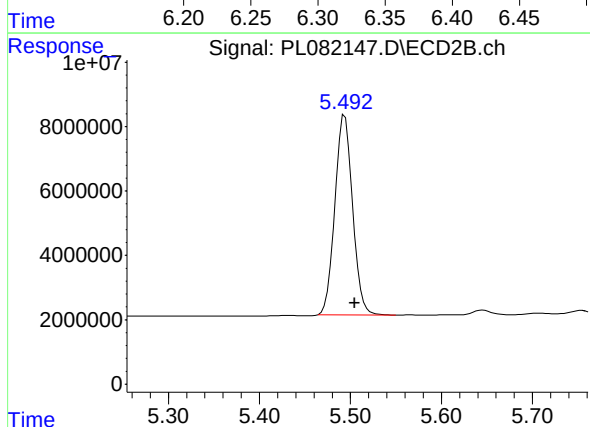
#14 Endrin

R.T.: 6.327 min
Delta R.T.: -0.011 min
Response: 78782984
Conc: 37.25 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

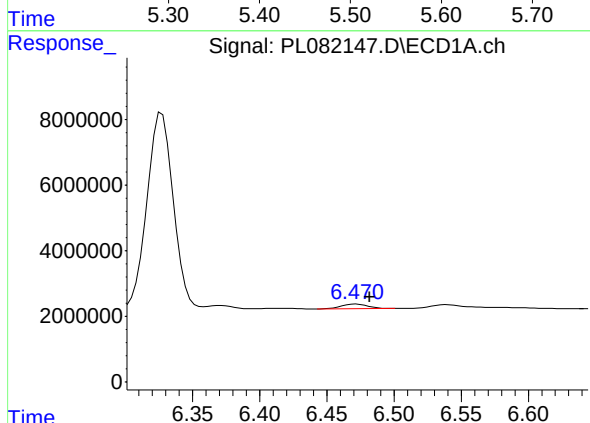
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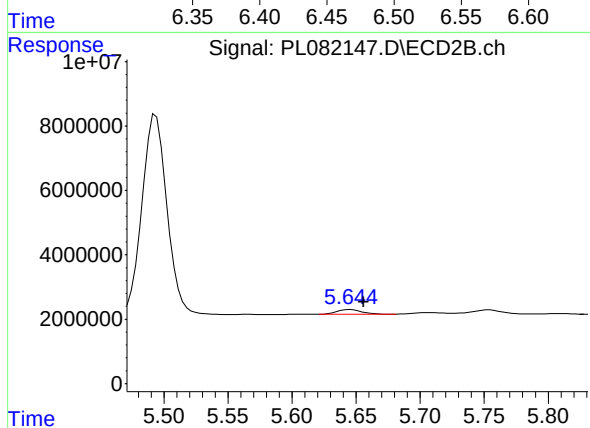
#14 Endrin

R.T.: 5.494 min
Delta R.T.: -0.011 min
Response: 83952116
Conc: 41.48 ng/ml



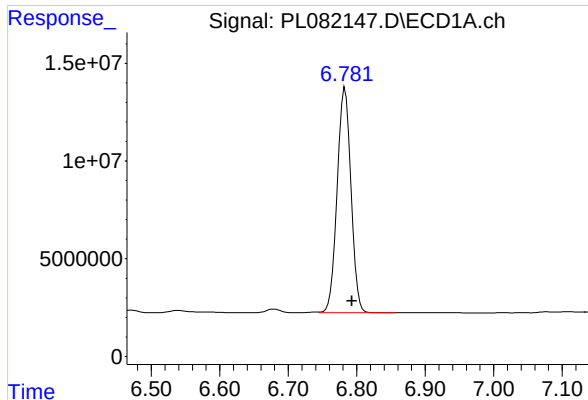
#16 4,4'-DDD

R.T.: 6.472 min
Delta R.T.: -0.010 min
Response: 1926931
Conc: 1.07 ng/ml



#16 4,4'-DDD

R.T.: 5.645 min
Delta R.T.: -0.011 min
Response: 1956559
Conc: 1.29 ng/ml



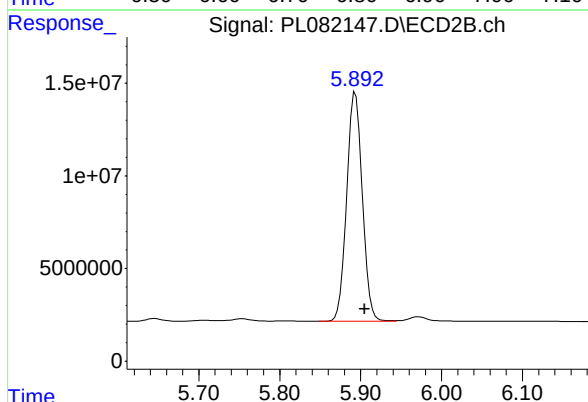
#17 4,4'-DDT

R.T.: 6.783 min
Delta R.T.: -0.010 min
Response: 161556191
Conc: 79.60 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

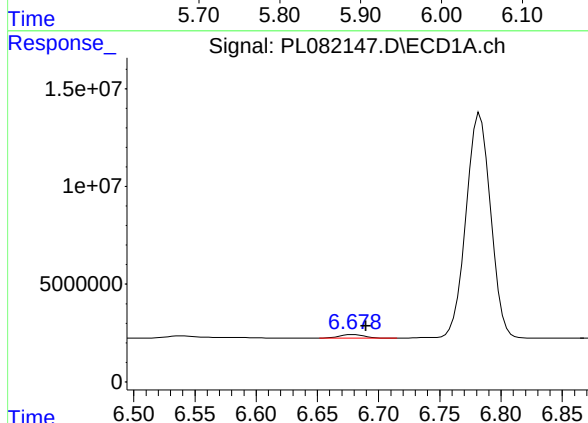
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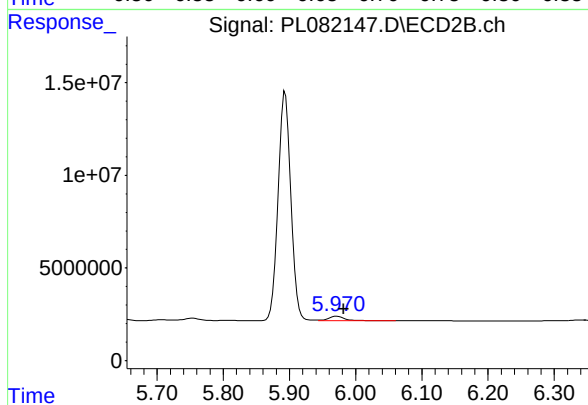
#17 4,4'-DDT

R.T.: 5.894 min
Delta R.T.: -0.011 min
Response: 166267422
Conc: 96.48 ng/ml



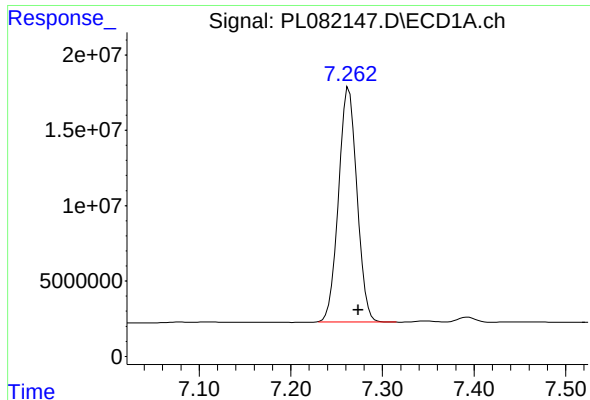
#18 Endrin aldehyde

R.T.: 6.680 min
Delta R.T.: -0.010 min
Response: 2655947
Conc: 1.62 ng/ml



#18 Endrin aldehyde

R.T.: 5.971 min
Delta R.T.: -0.010 min
Response: 4226250
Conc: 2.72 ng/ml



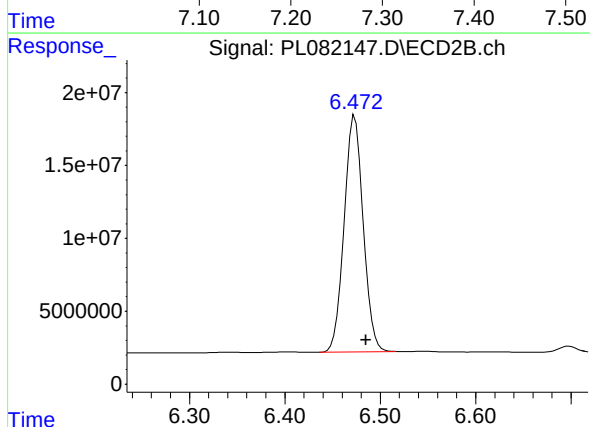
#20 Methoxychlor

R.T.: 7.263 min
Delta R.T.: -0.010 min
Response: 217874368
Conc: 202.32 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

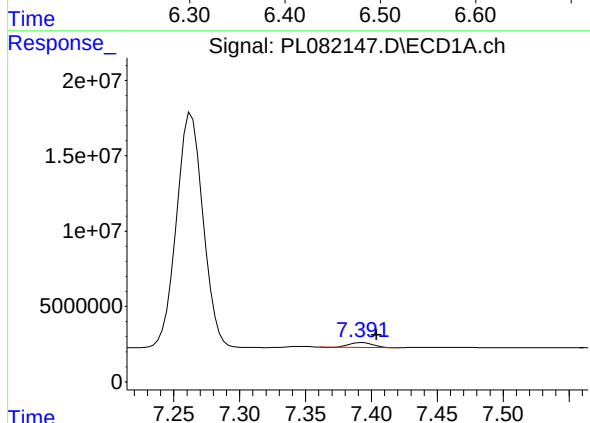
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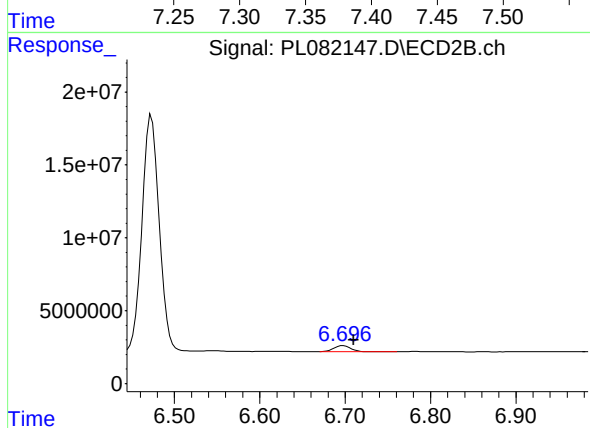
#20 Methoxychlor

R.T.: 6.472 min
Delta R.T.: -0.013 min
Response: 226555436
Conc: 227.46 ng/ml



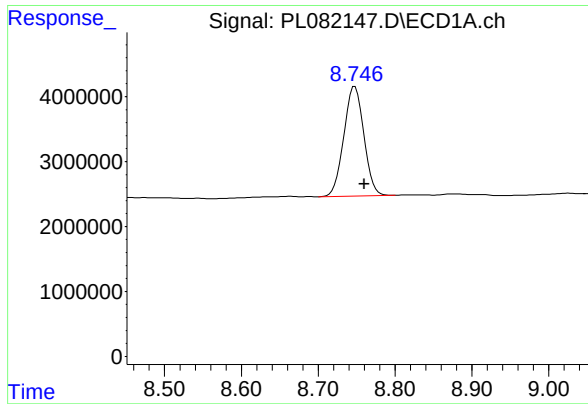
#21 Endrin ketone

R.T.: 7.393 min
Delta R.T.: -0.011 min
Response: 3953207
Conc: 1.89 ng/ml



#21 Endrin ketone

R.T.: 6.698 min
Delta R.T.: -0.012 min
Response: 5546009
Conc: 2.60 ng/ml



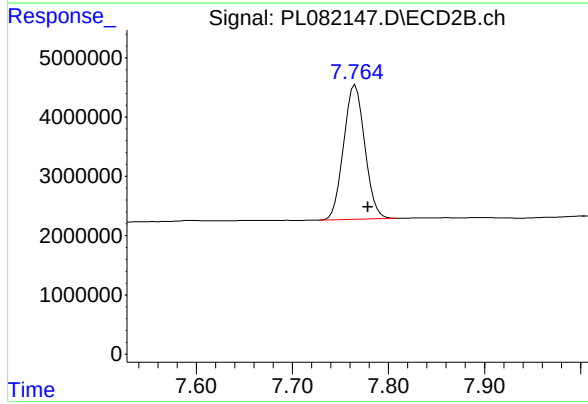
#28 Decachlorobiphenyl

R.T.: 8.748 min
Delta R.T.: -0.012 min
Response: 30377030
Conc: 16.97 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

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#28 Decachlorobiphenyl

R.T.: 7.764 min
Delta R.T.: -0.015 min
Response: 34608230
Conc: 17.45 ng/ml m