

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL020623\
 Data File : PL080760.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 06 Feb 2023 09:33
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 02/07/2023
 Supervised By : Ankita Jodhani 02/07/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 06 21:17:33 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL012023.M
 Quant Title : GC Extractables
 QLast Update : Sun Jan 22 23:56:48 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...	3.353	2.689	41949427	38827853	19.558	17.678
28) SA Decachlor...	8.792	7.836	31081938	37294763	17.753	15.653
Target Compounds						
2) A alpha-BHC	3.801	3.189	28276023	24609317	8.925	7.738
3) MA gamma-BHC...	4.130	3.518	27278075	23540860	9.279	7.880
6) B beta-BHC	4.326	3.814	13599611	12121169	9.963	9.082
14) MA Endrin	6.360	5.550	85245001	85766256	39.416	36.950
16) A 4,4'-DDD	6.504	5.702	3525354	2821713	1.924	1.502
17) MA 4,4'-DDT	6.817	5.954	169.5E6	171.6E6	81.565	81.647
18) B Endrin al...	6.708	6.025	2352889	3677881	1.414m	2.014 #
20) A Methoxychlor	7.294	6.532	227.7E6	227.4E6	206.427	187.401
21) B Endrin ke...	7.422	6.751	6440447	6499496	2.919	2.546

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

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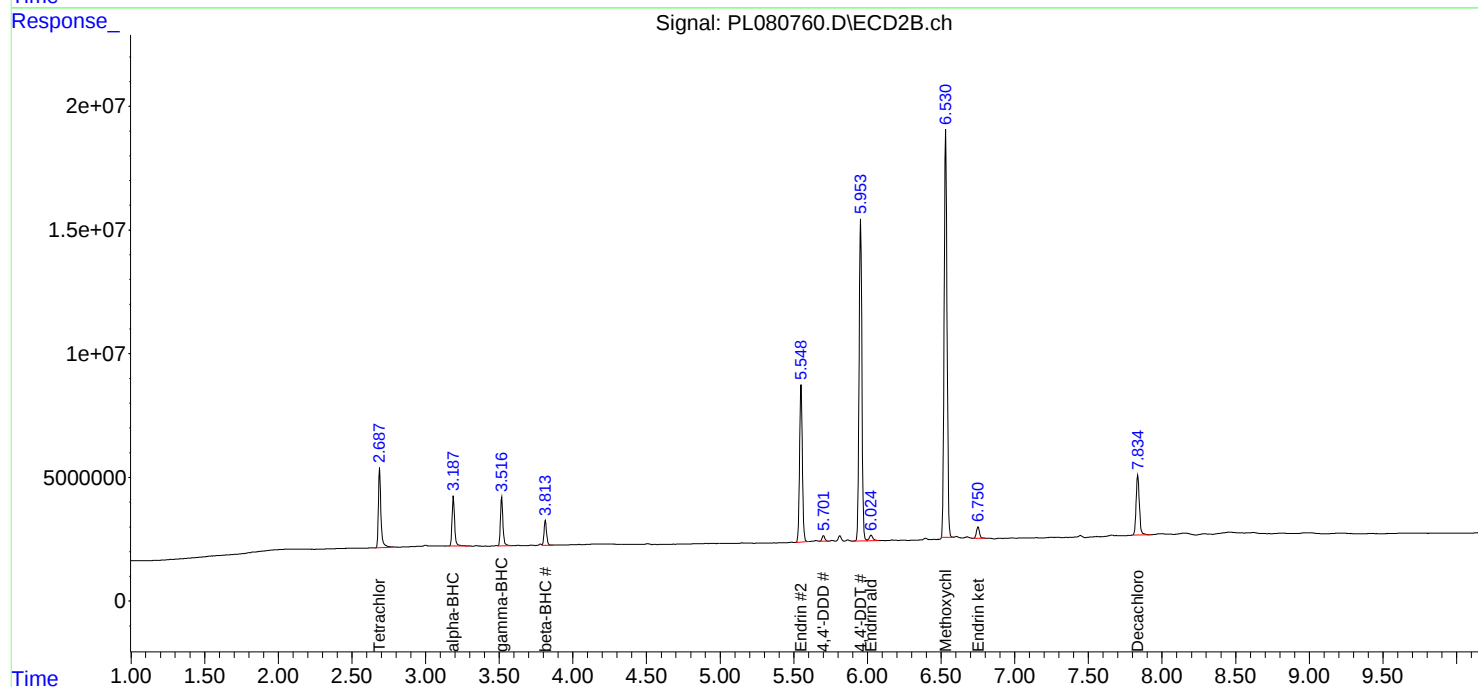
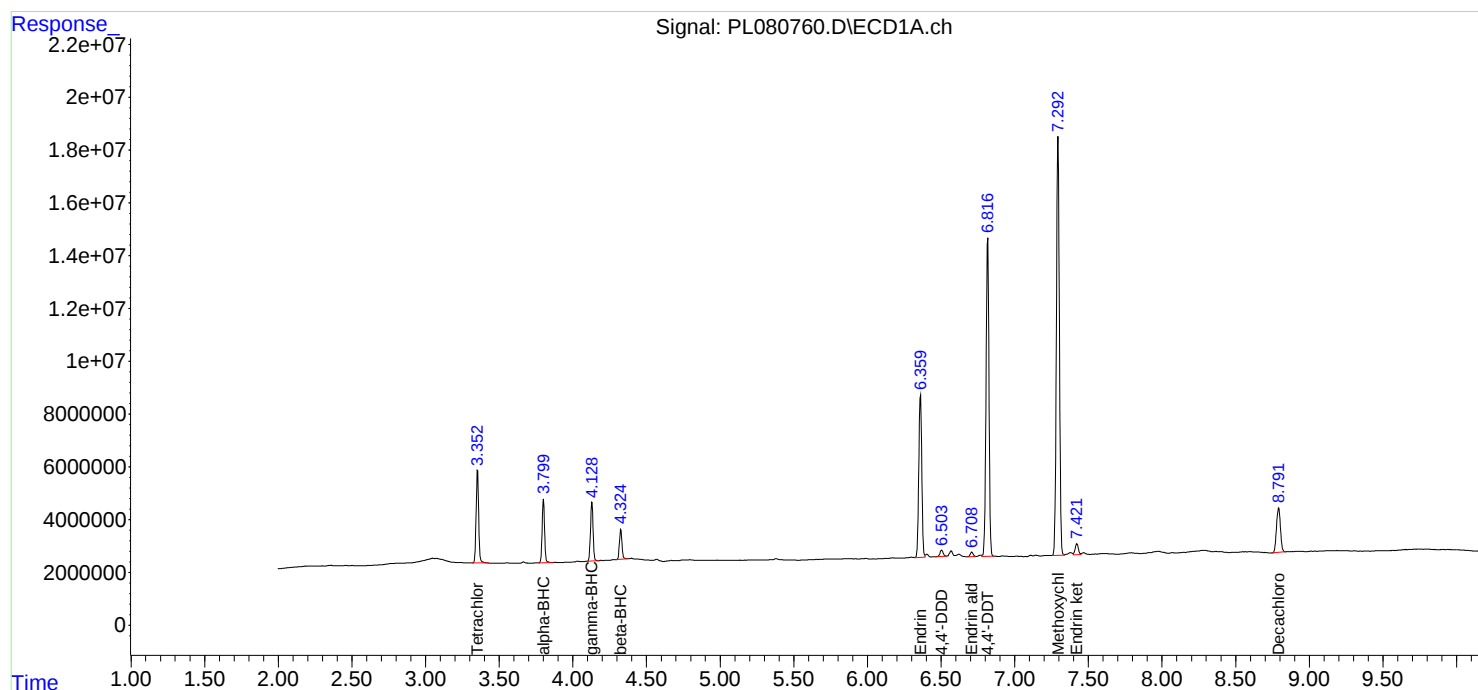
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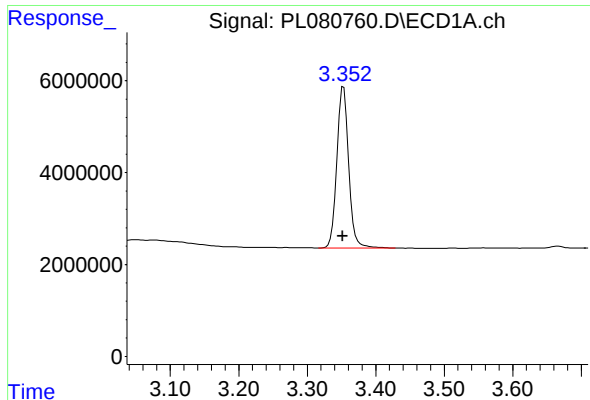
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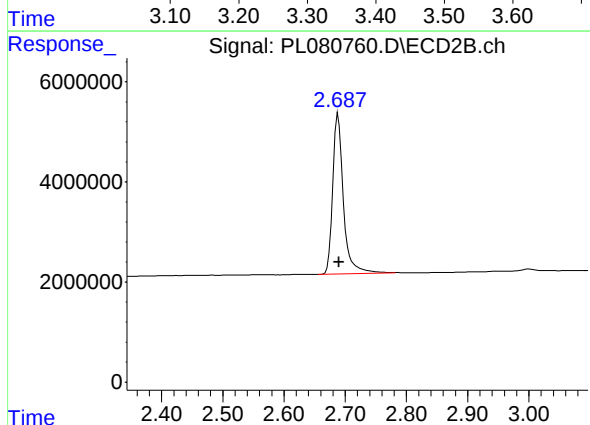
#1 Tetrachloro-m-xylene

R.T.: 3.353 min
Delta R.T.: 0.001 min
Response: 41949427
Conc: 19.56 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

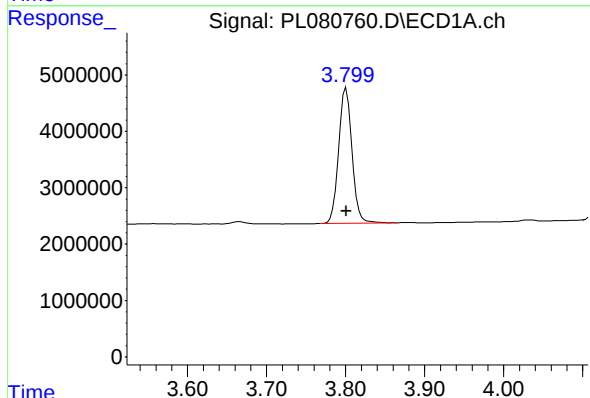
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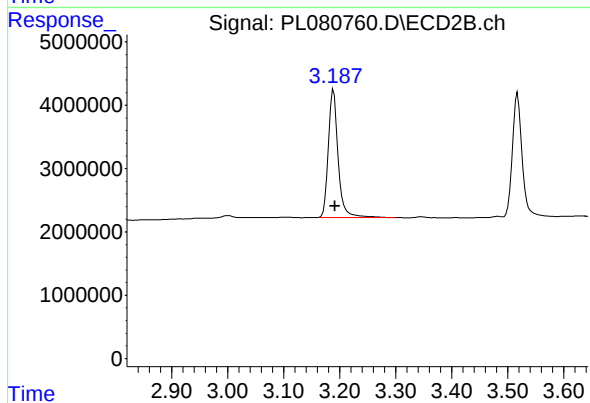
#1 Tetrachloro-m-xylene

R.T.: 2.689 min
Delta R.T.: -0.001 min
Response: 38827853
Conc: 17.68 ng/ml



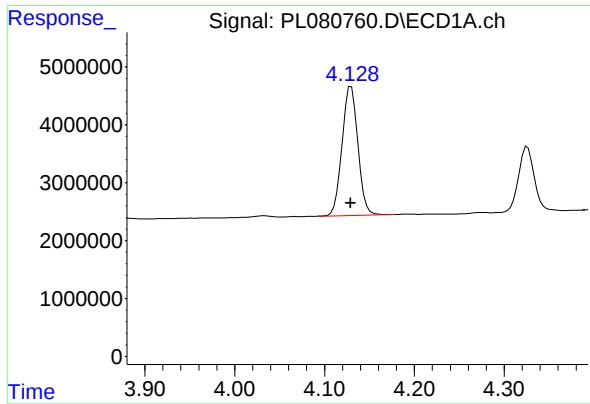
#2 alpha-BHC

R.T.: 3.801 min
Delta R.T.: 0.000 min
Response: 28276023
Conc: 8.93 ng/ml



#2 alpha-BHC

R.T.: 3.189 min
Delta R.T.: -0.003 min
Response: 24609317
Conc: 7.74 ng/ml



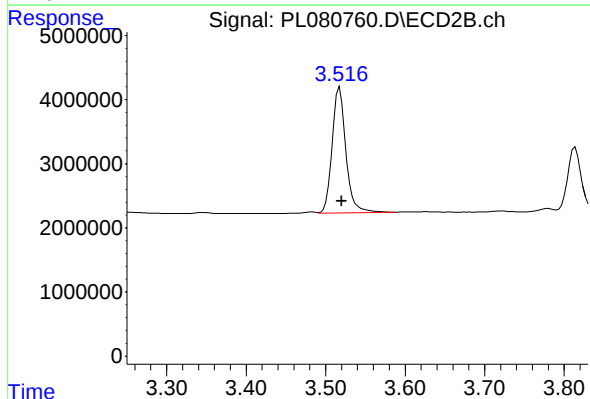
#3 gamma-BHC (Lindane)

R.T.: 4.130 min
Delta R.T.: 0.000 min
Response: 27278075
Conc: 9.28 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

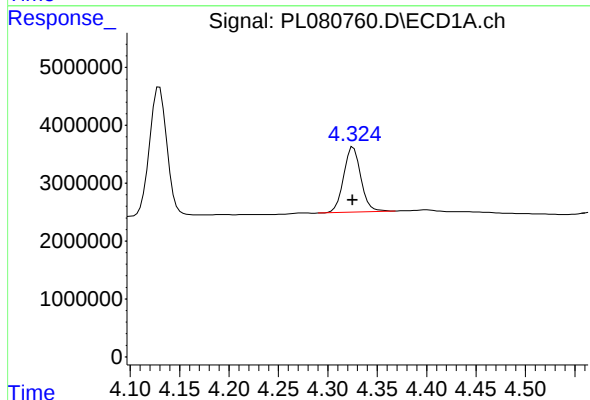
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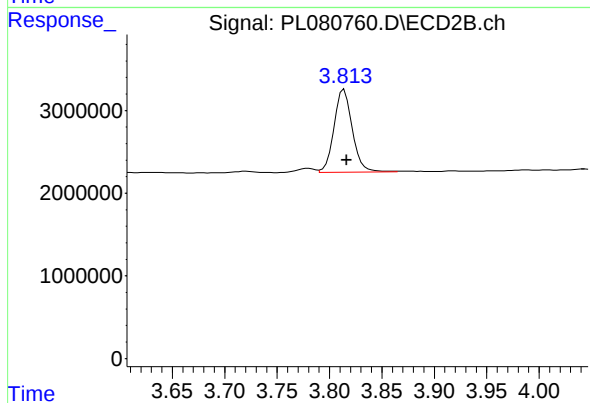
#3 gamma-BHC (Lindane)

R.T.: 3.518 min
Delta R.T.: -0.003 min
Response: 23540860
Conc: 7.88 ng/ml



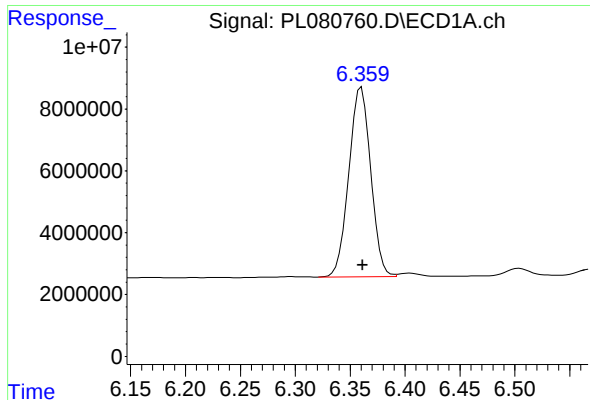
#6 beta-BHC

R.T.: 4.326 min
Delta R.T.: 0.000 min
Response: 13599611
Conc: 9.96 ng/ml



#6 beta-BHC

R.T.: 3.814 min
Delta R.T.: -0.003 min
Response: 12121169
Conc: 9.08 ng/ml



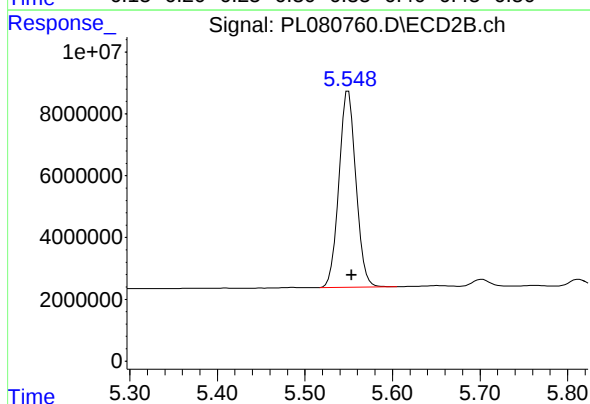
#14 Endrin

R.T.: 6.360 min
Delta R.T.: -0.001 min
Response: 85245001
Conc: 39.42 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

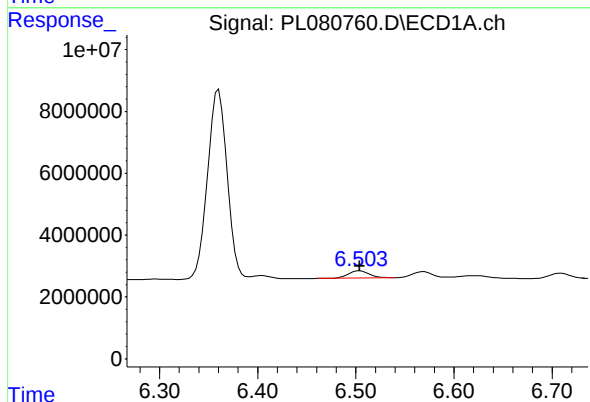
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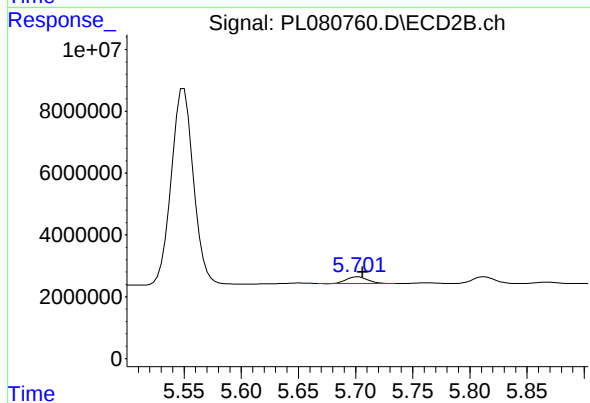
#14 Endrin

R.T.: 5.550 min
Delta R.T.: -0.004 min
Response: 85766256
Conc: 36.95 ng/ml



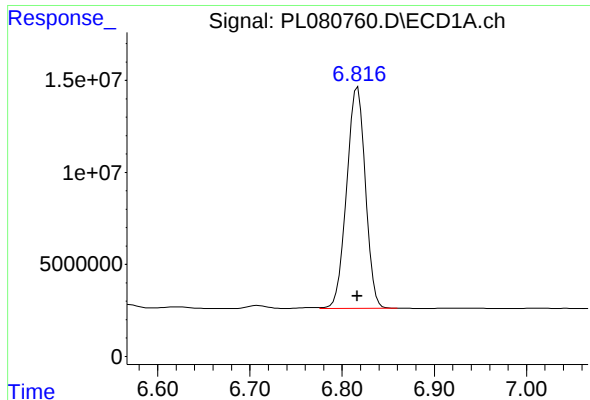
#16 4,4'-DDD

R.T.: 6.504 min
Delta R.T.: 0.000 min
Response: 3525354
Conc: 1.92 ng/ml



#16 4,4'-DDD

R.T.: 5.702 min
Delta R.T.: -0.004 min
Response: 2821713
Conc: 1.50 ng/ml



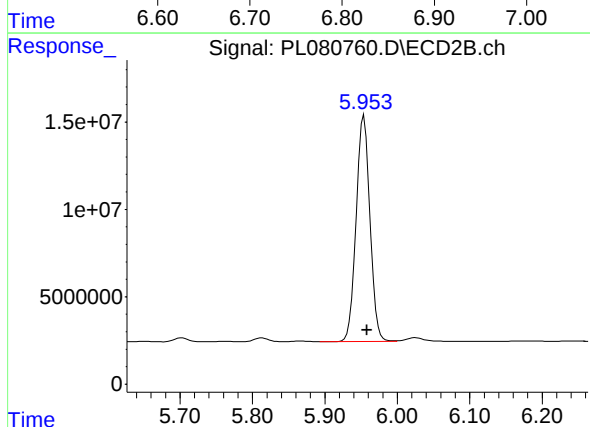
#17 4,4'-DDT

R.T.: 6.817 min
Delta R.T.: 0.000 min
Response: 169465280
Conc: 81.57 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

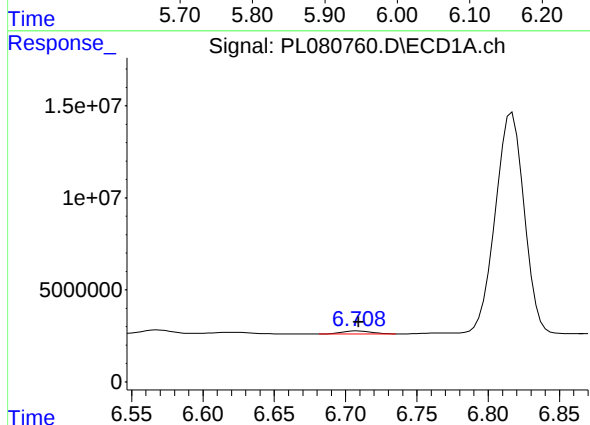
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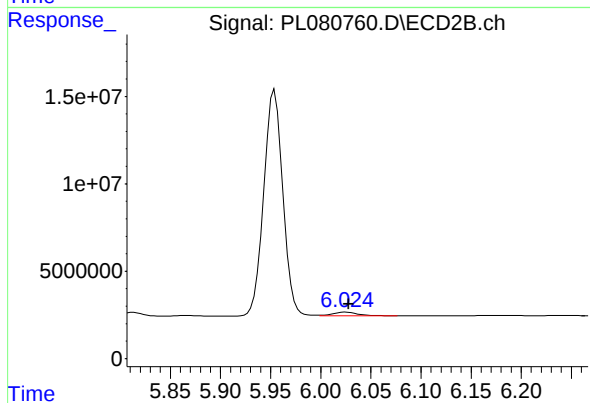
#17 4,4'-DDT

R.T.: 5.954 min
Delta R.T.: -0.004 min
Response: 171579877
Conc: 81.65 ng/ml



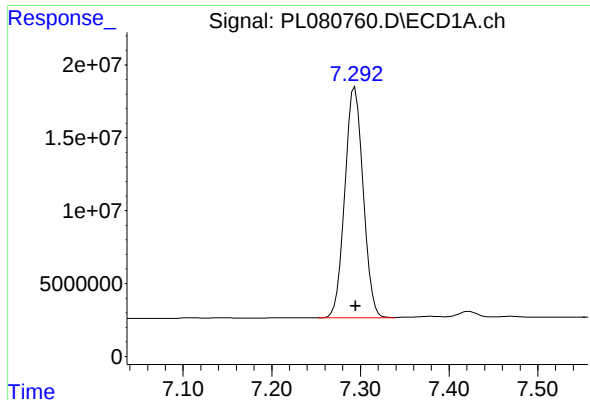
#18 Endrin aldehyde

R.T.: 6.708 min
Delta R.T.: -0.002 min
Response: 2352889
Conc: 1.41 ng/ml m



#18 Endrin aldehyde

R.T.: 6.025 min
Delta R.T.: -0.003 min
Response: 3677881
Conc: 2.01 ng/ml



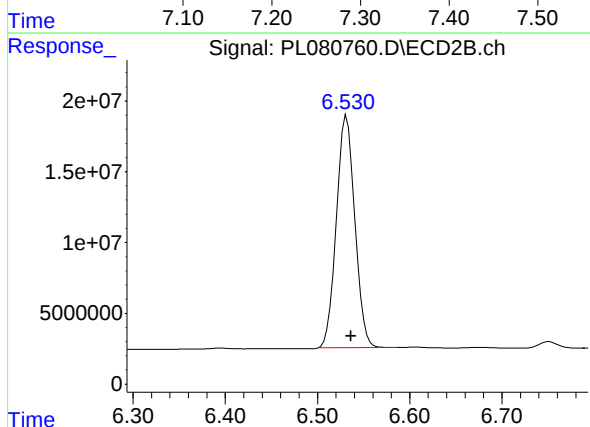
#20 Methoxychlor

R.T.: 7.294 min
Delta R.T.: 0.000 min
Response: 227748985
Conc: 206.43 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

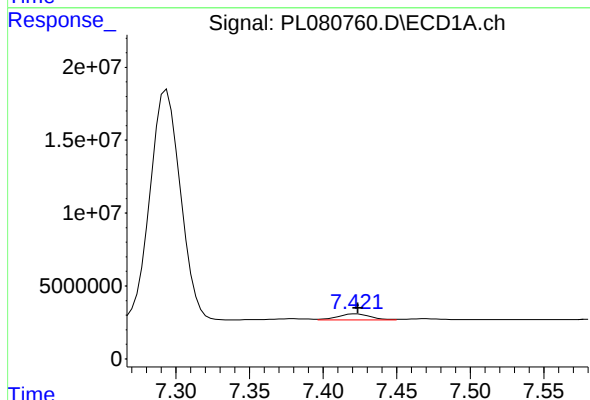
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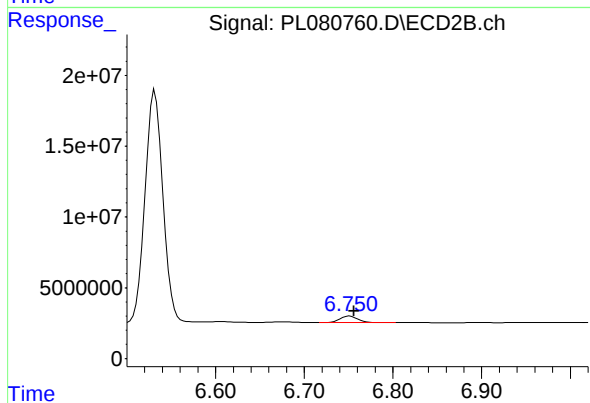
#20 Methoxychlor

R.T.: 6.532 min
Delta R.T.: -0.005 min
Response: 227404278
Conc: 187.40 ng/ml



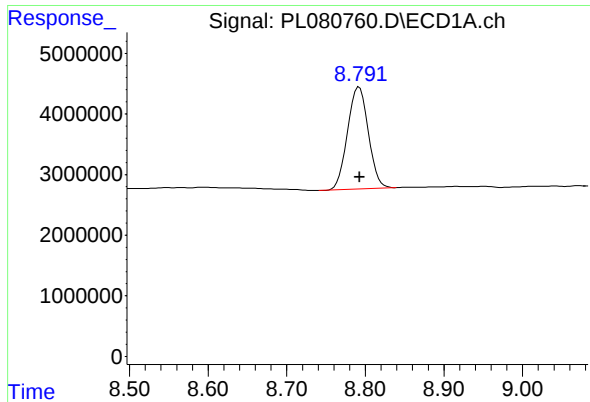
#21 Endrin ketone

R.T.: 7.422 min
Delta R.T.: -0.001 min
Response: 6440447
Conc: 2.92 ng/ml



#21 Endrin ketone

R.T.: 6.751 min
Delta R.T.: -0.005 min
Response: 6499496
Conc: 2.55 ng/ml



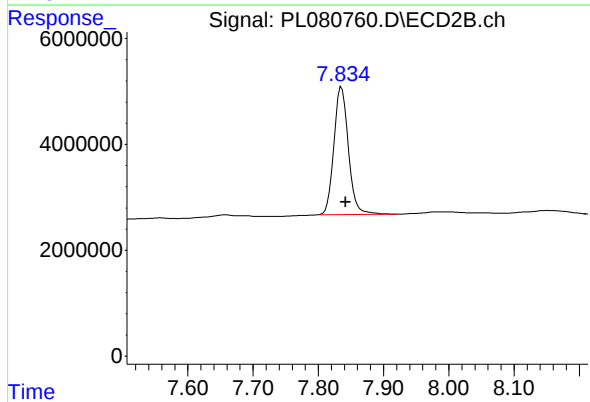
#28 Decachlorobiphenyl

R.T.: 8.792 min
Delta R.T.: 0.000 min
Response: 31081938
Conc: 17.75 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

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#28 Decachlorobiphenyl

R.T.: 7.836 min
Delta R.T.: -0.006 min
Response: 37294763
Conc: 15.65 ng/ml