

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL041023\
 Data File : PL081937.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 10 Apr 2023 09:51
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 04/11/2023
 Supervised By : Ankita Jodhani 04/11/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 10 22:34:30 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...	3.327	2.655	43252070	36444156	18.596	18.257
28)	SA Decachlor...	8.748	7.770	32397723	35670606	18.103	17.986
Target Compounds							
2)	A alpha-BHC	3.775	3.153	29110629	23418006	8.491	8.034
3)	MA gamma-BHC...	4.104	3.481	27458640	21066634	8.643	7.566
6)	B beta-BHC	4.307	3.780	14079159	11569930	9.354	9.715
14)	MA Endrin	6.329	5.499	86918497	82962671	41.092	40.995
16)	A 4,4'-DDD	6.475	5.652	296565	348278	0.164m	0.230 #
17)	MA 4,4'-DDT	6.784	5.899	175.7E6	162.4E6	86.564	94.242
18)	B Endrin al...	6.680	5.977	2147009	3435528	1.312	2.212 #
20)	A Methoxychlor	7.262	6.477	236.7E6	225.3E6	219.806m	226.246m
21)	B Endrin ke...	7.394	6.703	2964134	4361850	1.415	2.041 #

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

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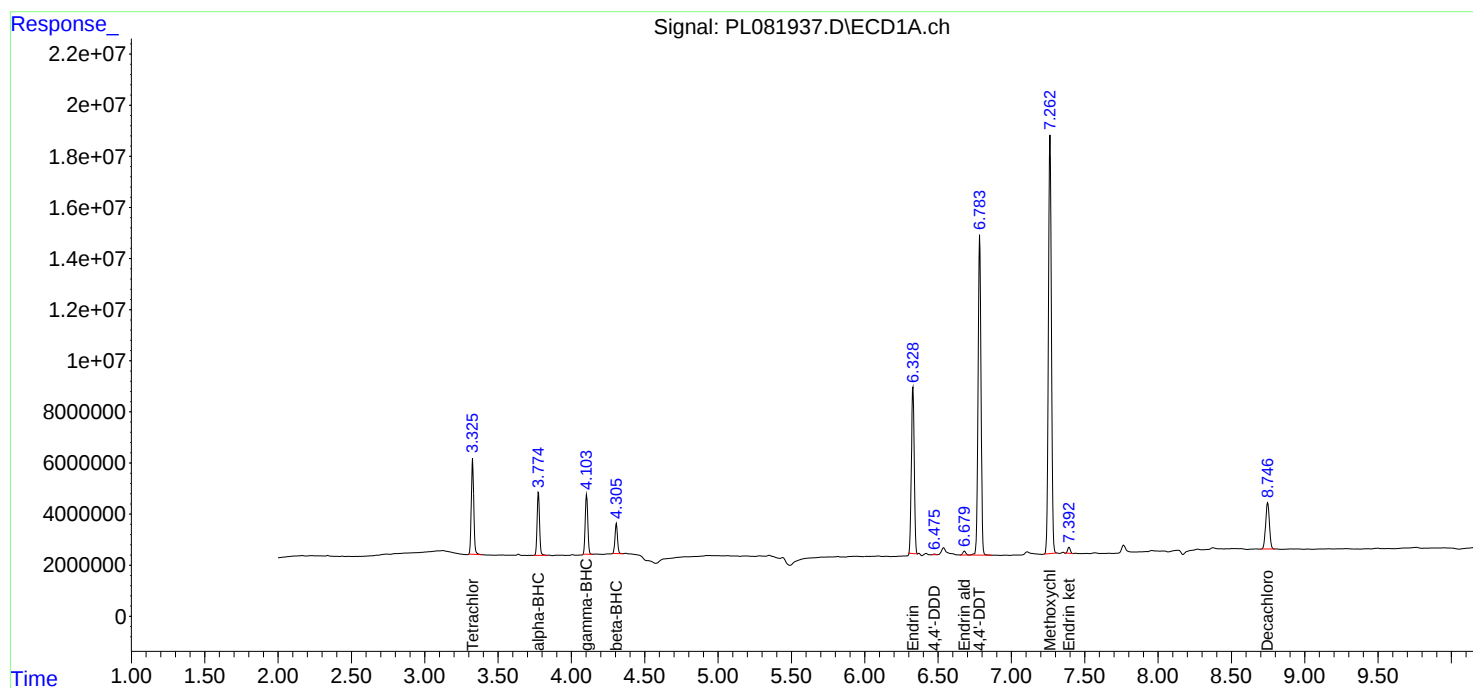
Instrument :
ECD_L
ClientSampleId :
PEM

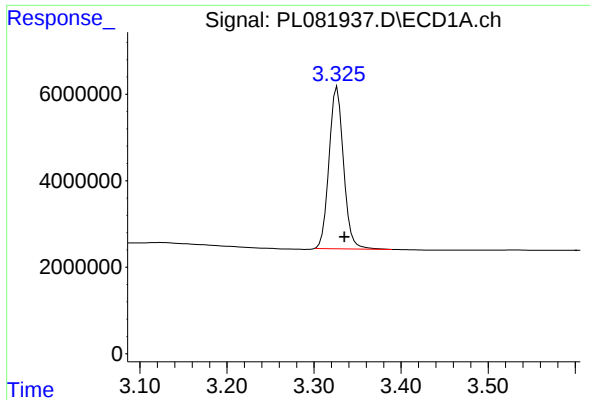
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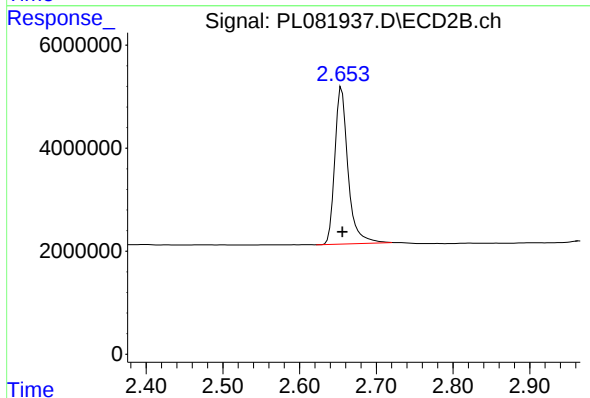
#1 Tetrachloro-m-xylene

R.T.: 3.327 min
Delta R.T.: -0.008 min
Response: 43252070
Conc: 18.60 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

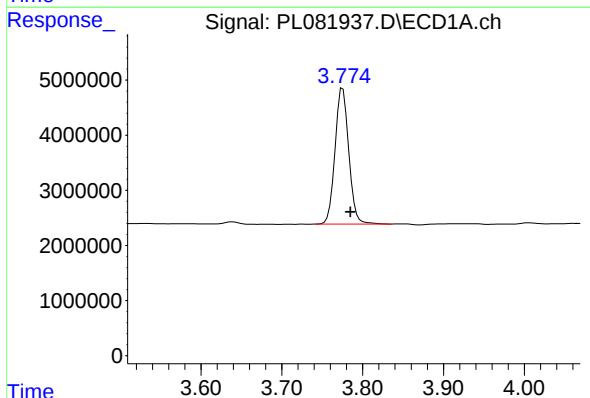
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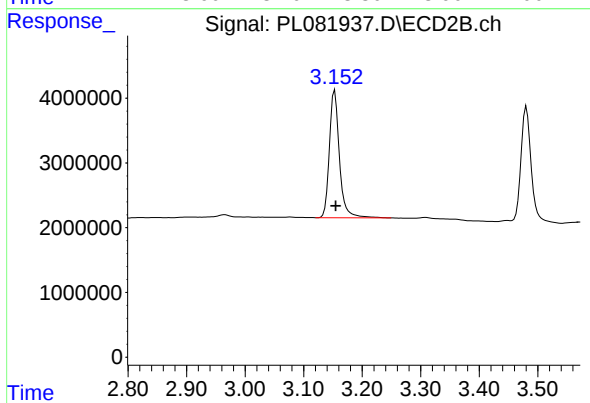
#1 Tetrachloro-m-xylene

R.T.: 2.655 min
Delta R.T.: -0.001 min
Response: 36444156
Conc: 18.26 ng/ml



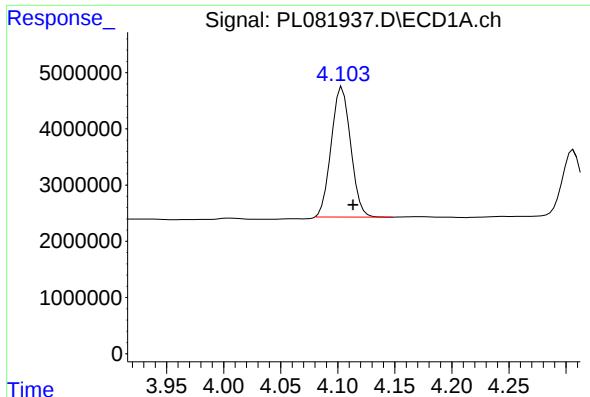
#2 alpha-BHC

R.T.: 3.775 min
Delta R.T.: -0.009 min
Response: 29110629
Conc: 8.49 ng/ml



#2 alpha-BHC

R.T.: 3.153 min
Delta R.T.: -0.002 min
Response: 23418006
Conc: 8.03 ng/ml



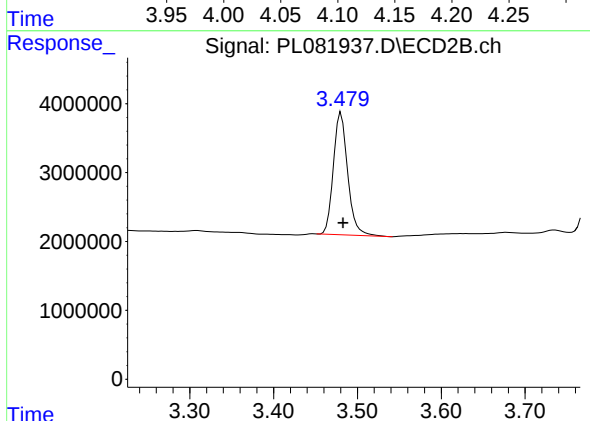
#3 gamma-BHC (Lindane)

R.T.: 4.104 min
Delta R.T.: -0.009 min
Response: 27458640
Conc: 8.64 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

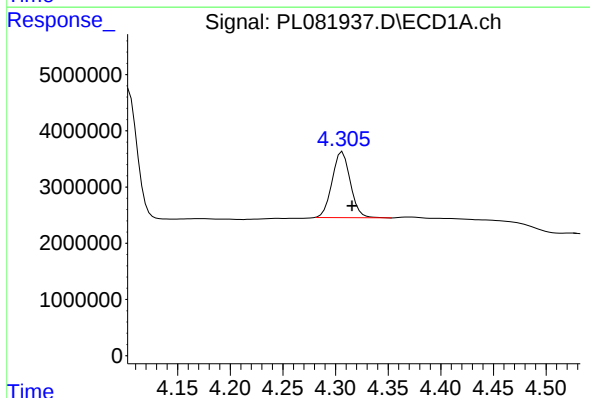
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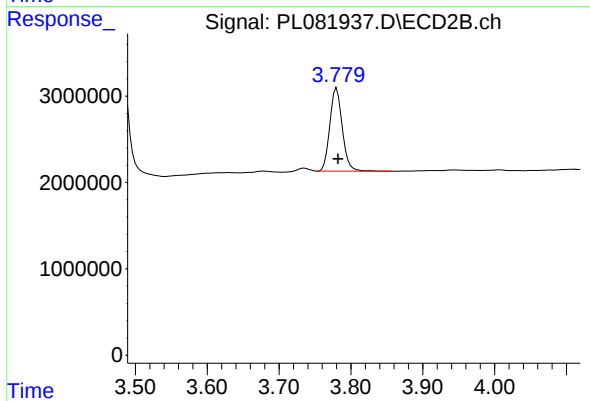
#3 gamma-BHC (Lindane)

R.T.: 3.481 min
Delta R.T.: -0.002 min
Response: 21066634
Conc: 7.57 ng/ml



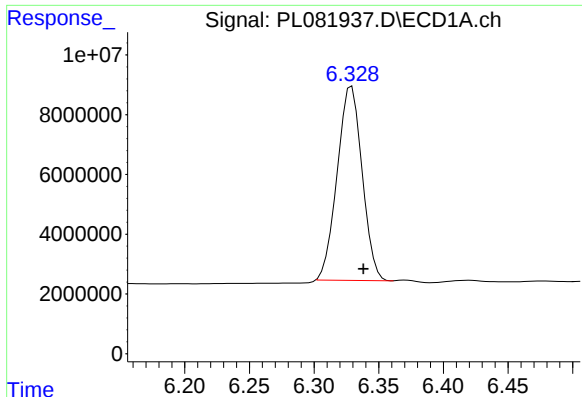
#6 beta-BHC

R.T.: 4.307 min
Delta R.T.: -0.009 min
Response: 14079159
Conc: 9.35 ng/ml



#6 beta-BHC

R.T.: 3.780 min
Delta R.T.: -0.002 min
Response: 11569930
Conc: 9.71 ng/ml



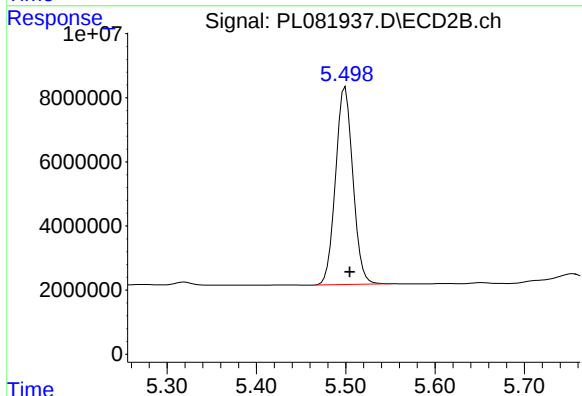
#14 Endrin

R.T.: 6.329 min
Delta R.T.: -0.009 min
Response: 86918497
Conc: 41.09 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

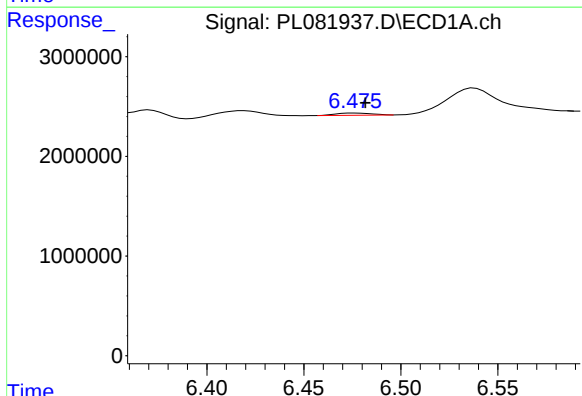
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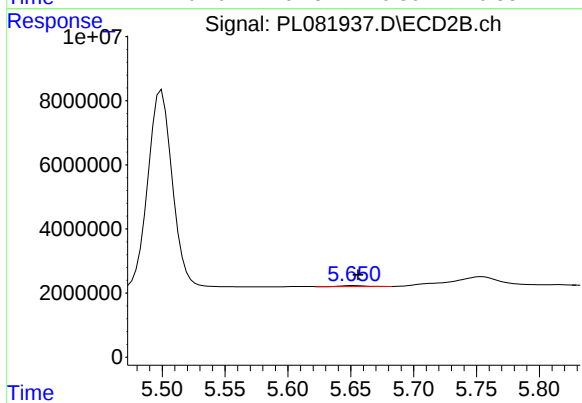
#14 Endrin

R.T.: 5.499 min
Delta R.T.: -0.005 min
Response: 82962671
Conc: 41.00 ng/ml



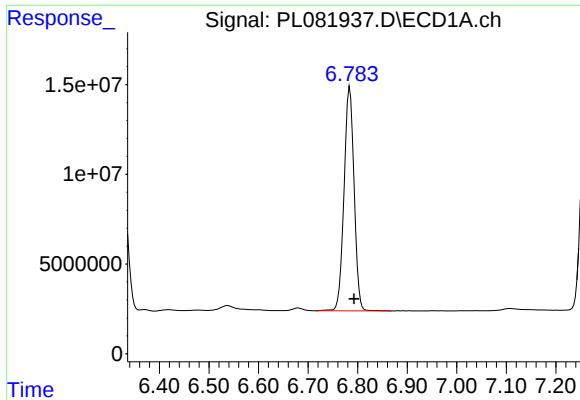
#16 4,4'-DDD

R.T.: 6.475 min
Delta R.T.: -0.007 min
Response: 296565
Conc: 0.16 ng/ml m



#16 4,4'-DDD

R.T.: 5.652 min
Delta R.T.: -0.004 min
Response: 348278
Conc: 0.23 ng/ml



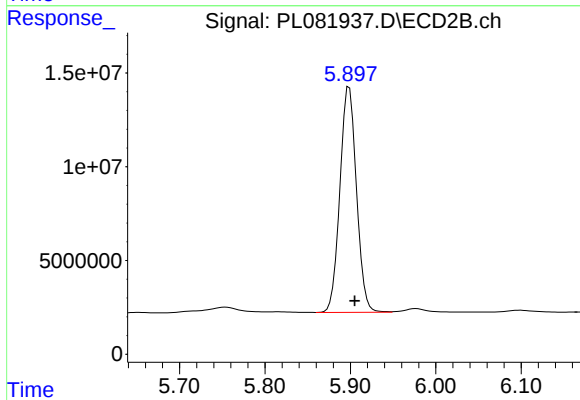
#17 4,4'-DDT

R.T.: 6.784 min
Delta R.T.: -0.009 min
Response: 175693494
Conc: 86.56 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

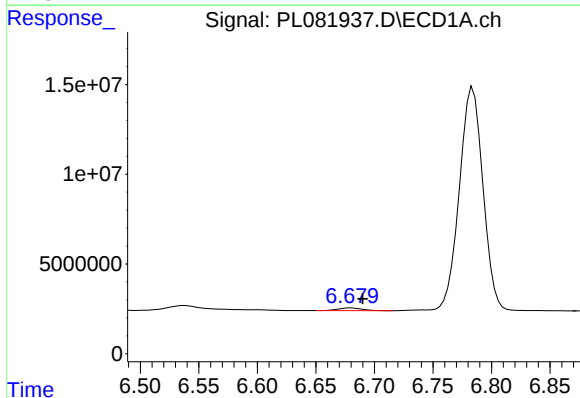
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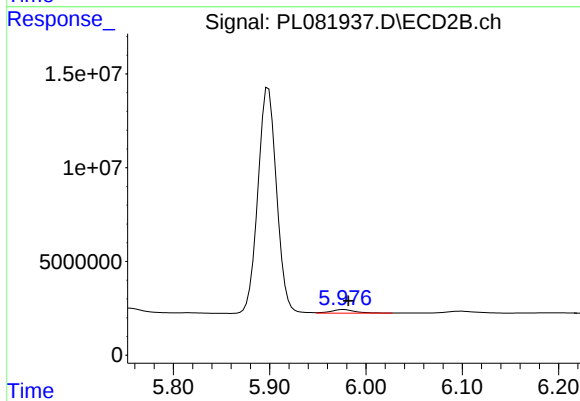
#17 4,4'-DDT

R.T.: 5.899 min
Delta R.T.: -0.006 min
Response: 162405087
Conc: 94.24 ng/ml



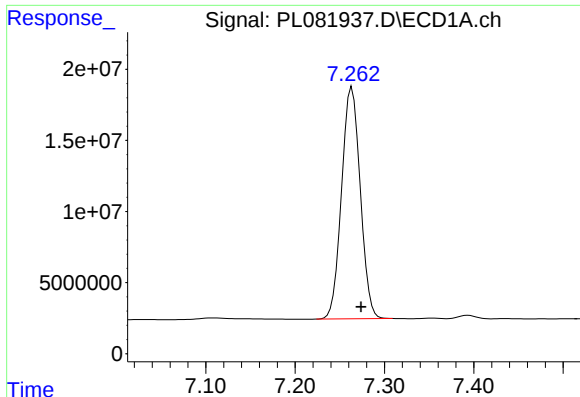
#18 Endrin aldehyde

R.T.: 6.680 min
Delta R.T.: -0.010 min
Response: 2147009
Conc: 1.31 ng/ml



#18 Endrin aldehyde

R.T.: 5.977 min
Delta R.T.: -0.005 min
Response: 3435528
Conc: 2.21 ng/ml



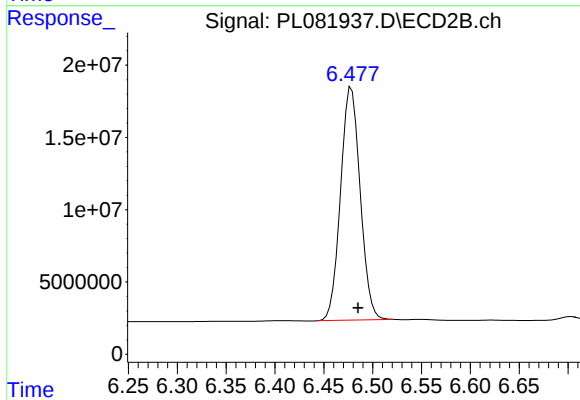
#20 Methoxychlor

R.T.: 7.262 min
Delta R.T.: -0.012 min
Response: 236707358
Conc: 219.81 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

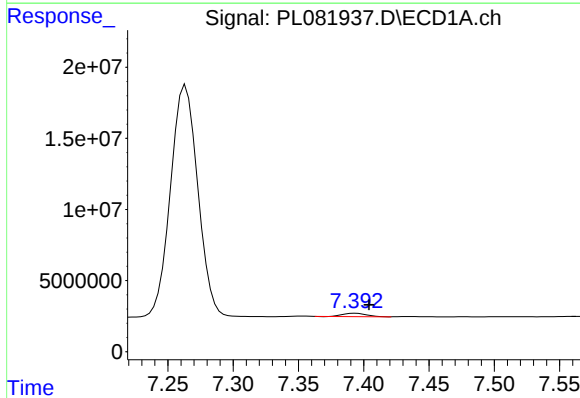
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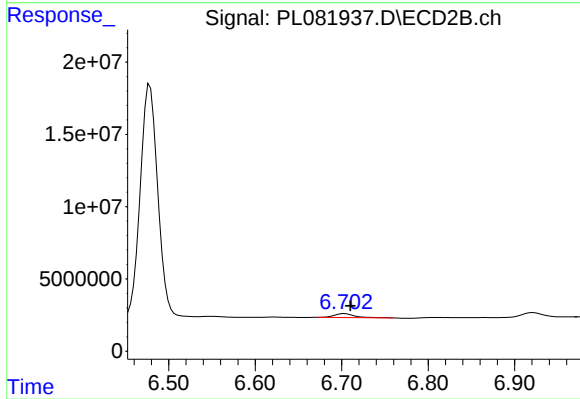
#20 Methoxychlor

R.T.: 6.477 min
Delta R.T.: -0.008 min
Response: 225349636
Conc: 226.25 ng/ml m



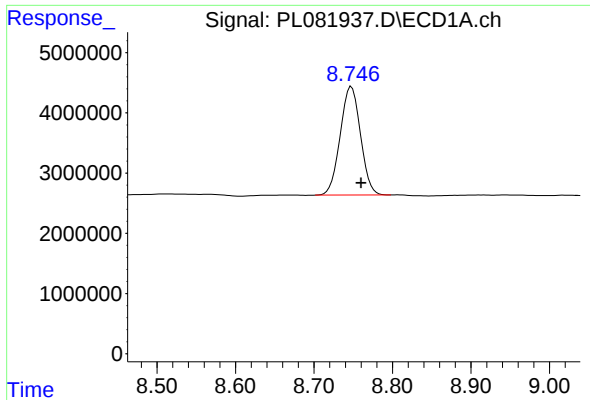
#21 Endrin ketone

R.T.: 7.394 min
Delta R.T.: -0.010 min
Response: 2964134
Conc: 1.42 ng/ml



#21 Endrin ketone

R.T.: 6.703 min
Delta R.T.: -0.007 min
Response: 4361850
Conc: 2.04 ng/ml



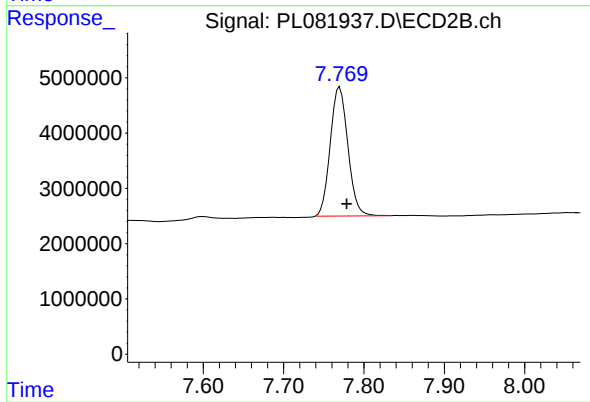
#28 Decachlorobiphenyl

R.T.: 8.748 min
Delta R.T.: -0.012 min
Response: 32397723
Conc: 18.10 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

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#28 Decachlorobiphenyl

R.T.: 7.770 min
Delta R.T.: -0.009 min
Response: 35670606
Conc: 17.99 ng/ml