

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL032223\
 Data File : PL081660.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 23 Mar 2023 09:26
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 03/23/2023
 Supervised By : Ankita Jodhani 03/23/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 23 10:41:56 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...	3.329	2.659	43610786	37410767	18.750	18.741
2)	SA Decachlor...	8.751	7.776	33869754	37407385	18.925	18.862
Target Compounds							
2)	A alpha-BHC	3.778	3.157	29840105	24796803	8.704	8.507
3)	MA gamma-BHC...	4.106	3.485	28547386	23690138	8.986	8.509
6)	B beta-BHC	4.307	3.784	14622902	11838337	9.716m	9.940
14)	MA Endrin	6.330	5.504	86804468	85466729	41.038	42.233
16)	A 4,4'-DDD	6.475	5.653	4468800	3596887	2.478	2.370m
17)	MA 4,4'-DDT	6.785	5.904	169.0E6	161.3E6	83.264	93.586
18)	B Endrin al...	6.683	5.980	2744018	3462628	1.677	2.230m#
20)	A Methoxychlor	7.265	6.484	227.5E6	219.1E6	211.263	219.944
21)	B Endrin ke...	7.394	6.708	5300281	6364405	2.530m	2.978

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

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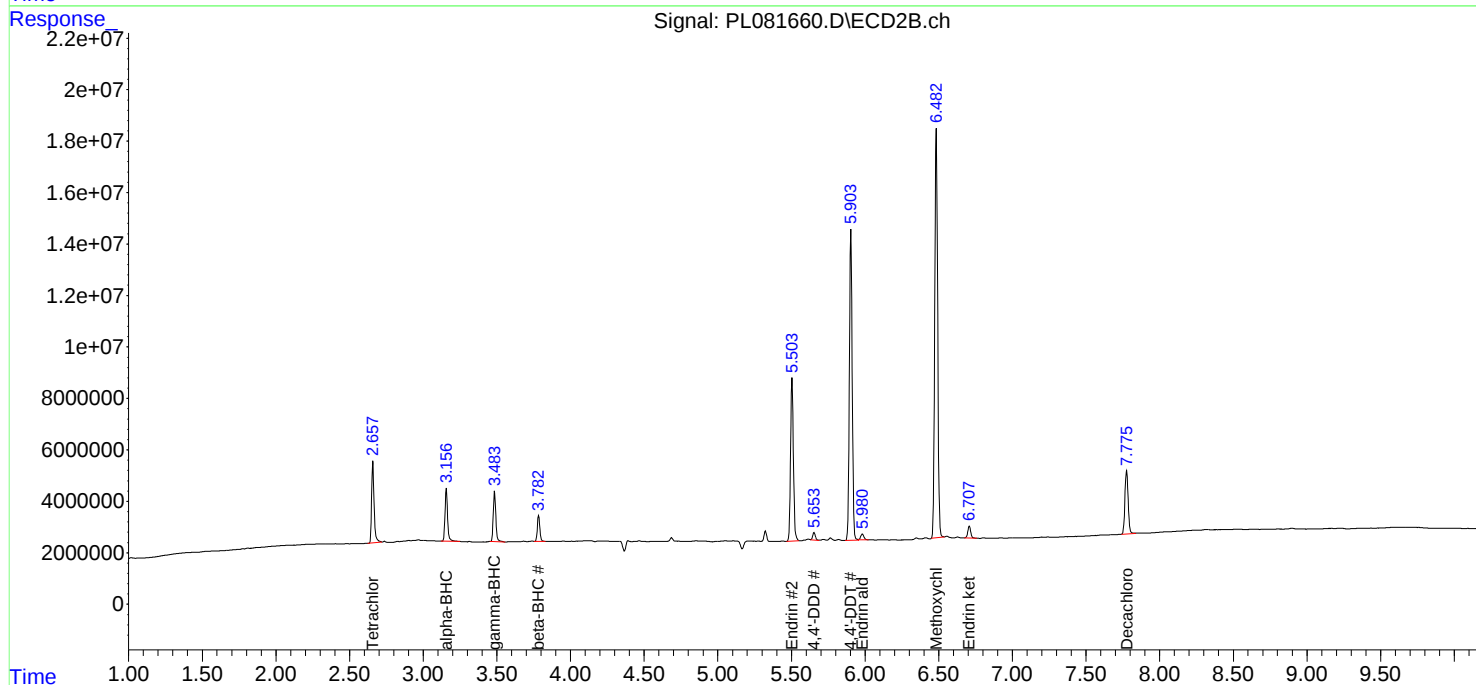
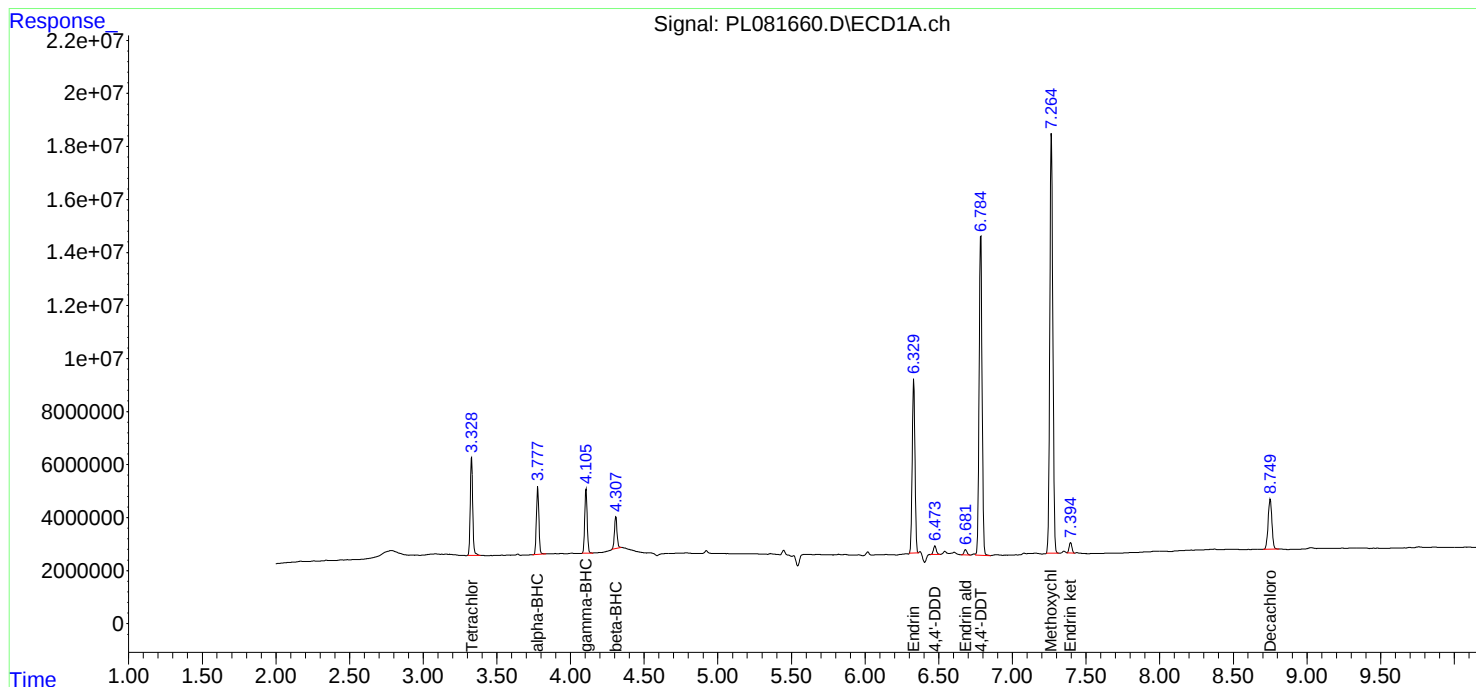
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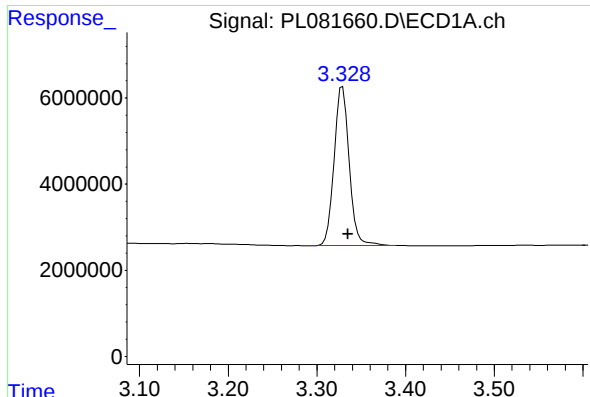
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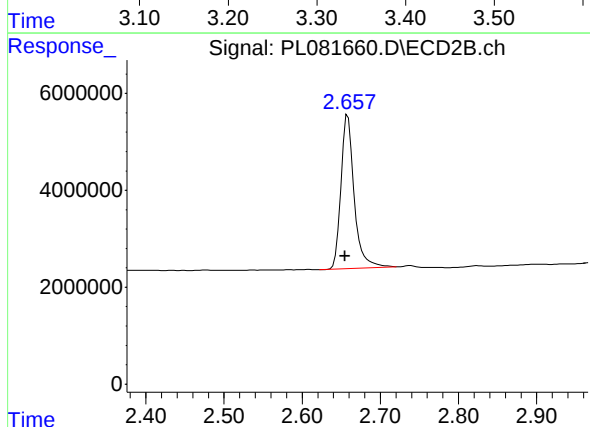
#1 Tetrachloro-m-xylene

R.T.: 3.329 min
Delta R.T.: -0.006 min
Response: 43610786
Conc: 18.75 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

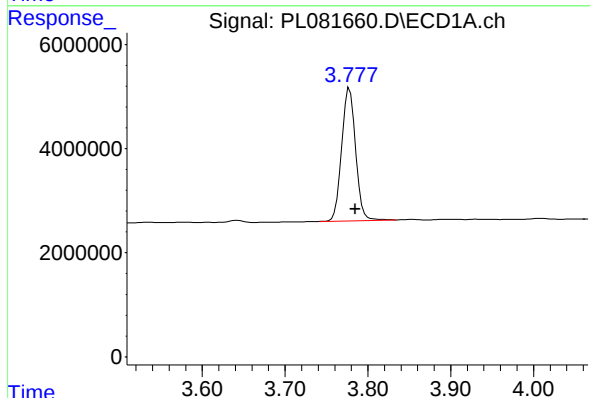
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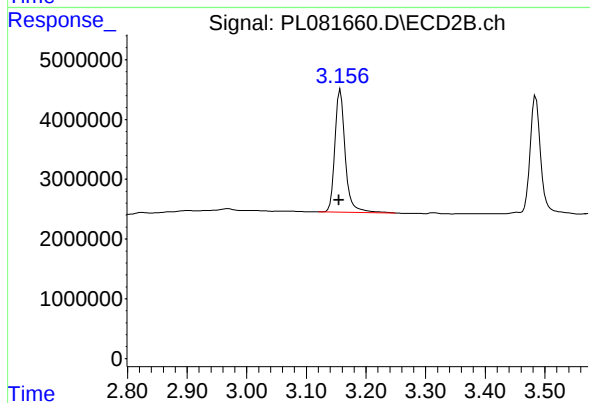
#1 Tetrachloro-m-xylene

R.T.: 2.659 min
Delta R.T.: 0.004 min
Response: 37410767
Conc: 18.74 ng/ml



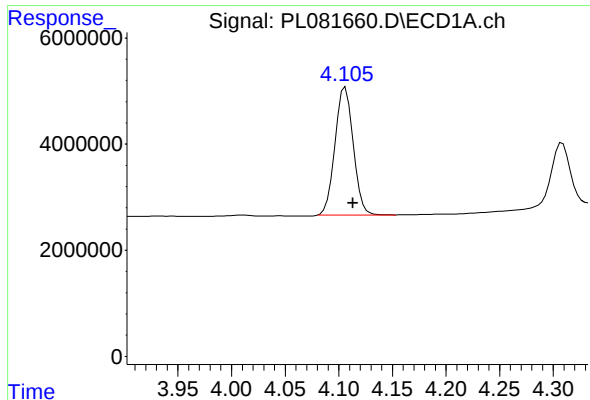
#2 alpha-BHC

R.T.: 3.778 min
Delta R.T.: -0.007 min
Response: 29840105
Conc: 8.70 ng/ml



#2 alpha-BHC

R.T.: 3.157 min
Delta R.T.: 0.002 min
Response: 24796803
Conc: 8.51 ng/ml



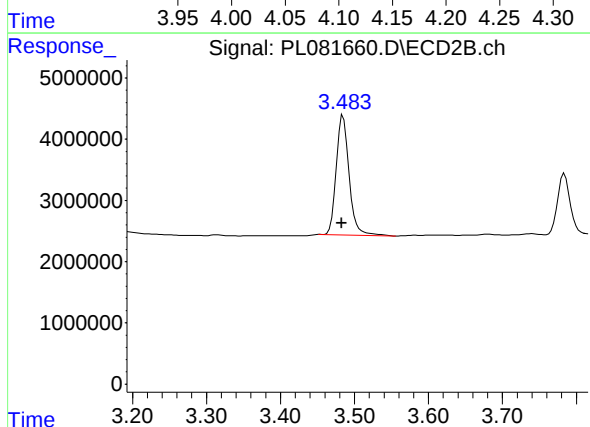
#3 gamma-BHC (Lindane)

R.T.: 4.106 min
Delta R.T.: -0.007 min
Response: 28547386
Conc: 8.99 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

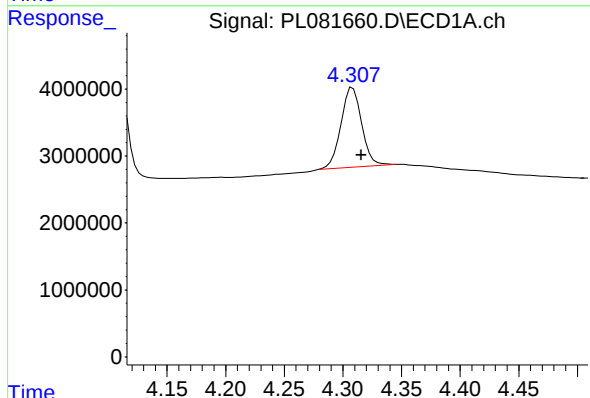
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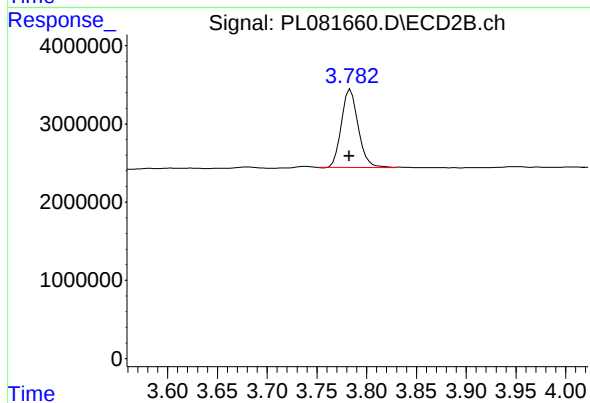
#3 gamma-BHC (Lindane)

R.T.: 3.485 min
Delta R.T.: 0.002 min
Response: 23690138
Conc: 8.51 ng/ml



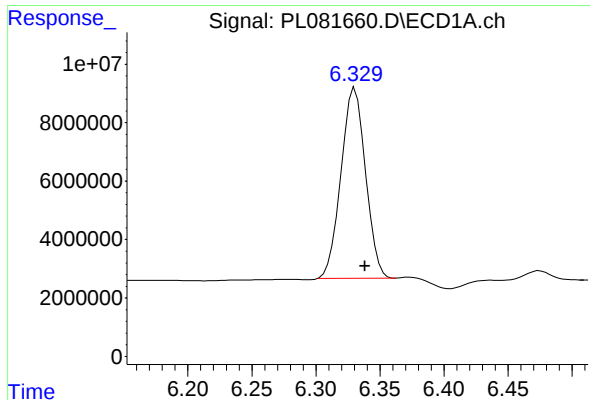
#6 beta-BHC

R.T.: 4.307 min
Delta R.T.: -0.009 min
Response: 14622902
Conc: 9.72 ng/ml m



#6 beta-BHC

R.T.: 3.784 min
Delta R.T.: 0.002 min
Response: 11838337
Conc: 9.94 ng/ml



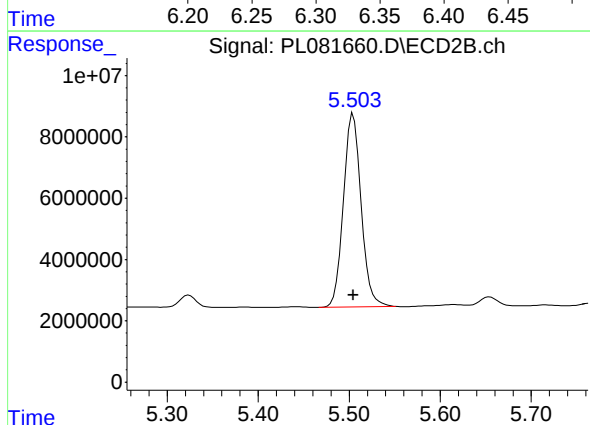
#14 Endrin

R.T.: 6.330 min
Delta R.T.: -0.008 min
Response: 86804468
Conc: 41.04 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

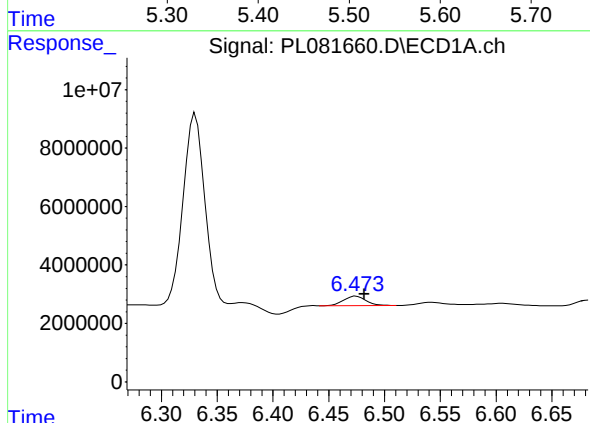
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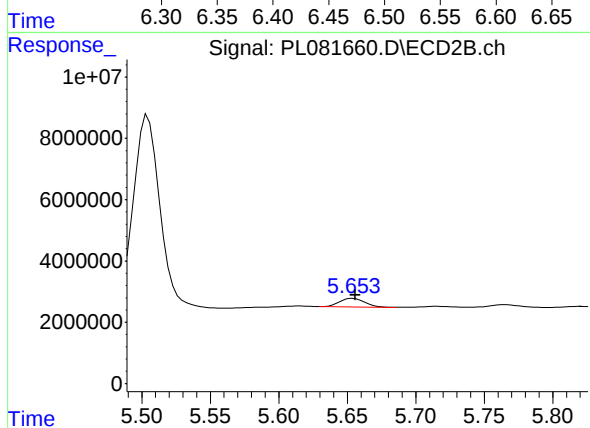
#14 Endrin

R.T.: 5.504 min
Delta R.T.: 0.000 min
Response: 85466729
Conc: 42.23 ng/ml



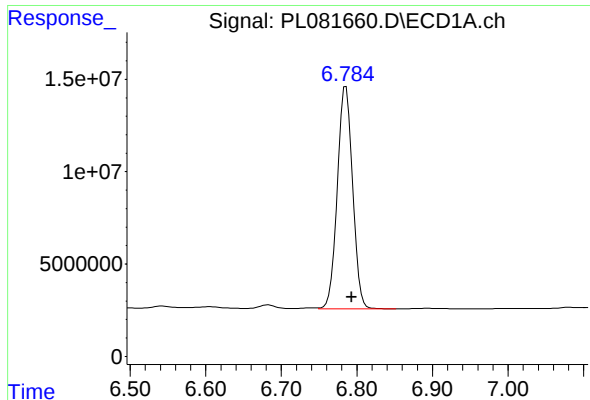
#16 4,4'-DDD

R.T.: 6.475 min
Delta R.T.: -0.007 min
Response: 4468800
Conc: 2.48 ng/ml



#16 4,4'-DDD

R.T.: 5.653 min
Delta R.T.: -0.003 min
Response: 3596887
Conc: 2.37 ng/ml m



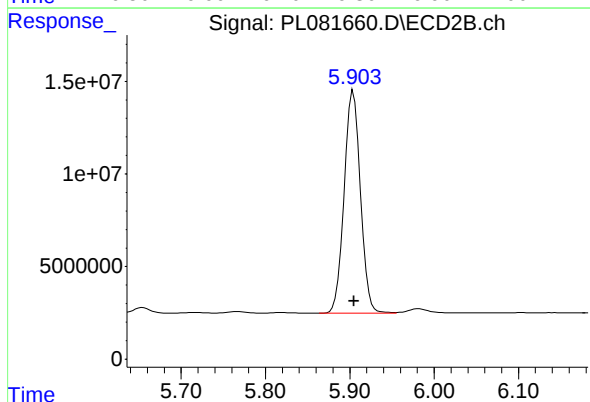
#17 4,4'-DDT

R.T.: 6.785 min
Delta R.T.: -0.007 min
Response: 168994676
Conc: 83.26 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

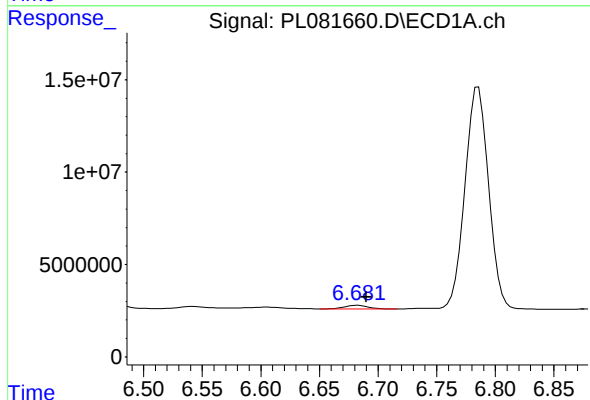
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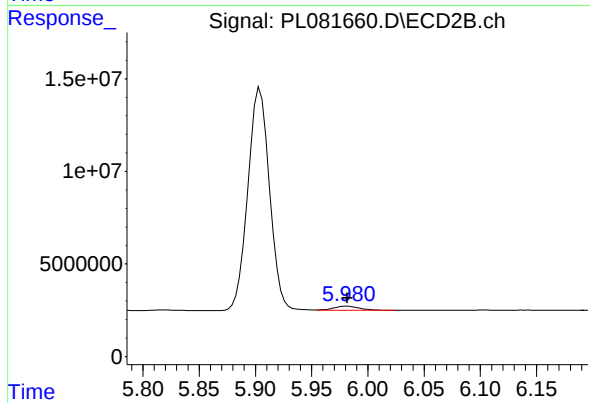
#17 4,4'-DDT

R.T.: 5.904 min
Delta R.T.: 0.000 min
Response: 161273489
Conc: 93.59 ng/ml



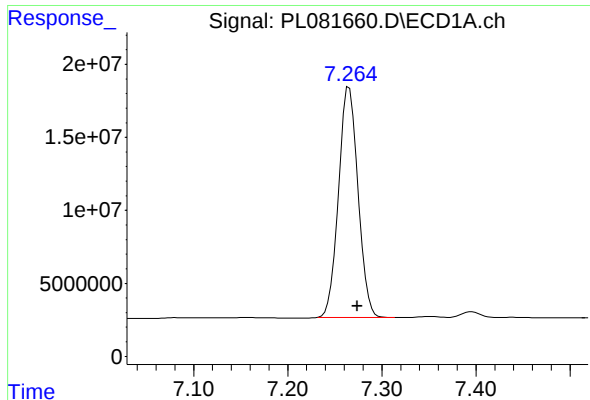
#18 Endrin aldehyde

R.T.: 6.683 min
Delta R.T.: -0.007 min
Response: 2744018
Conc: 1.68 ng/ml



#18 Endrin aldehyde

R.T.: 5.980 min
Delta R.T.: -0.001 min
Response: 3462628
Conc: 2.23 ng/ml m



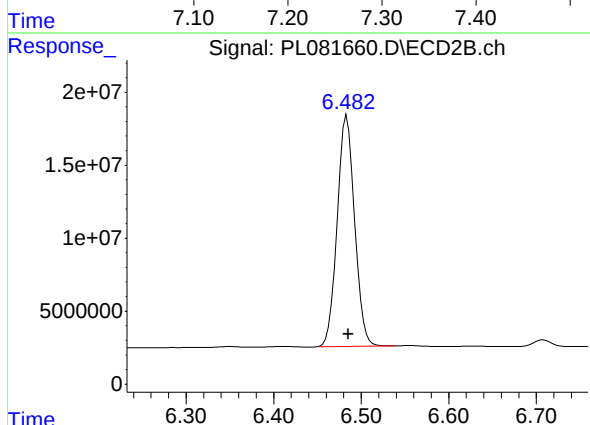
#20 Methoxychlor

R.T.: 7.265 min
Delta R.T.: -0.008 min
Response: 227507731
Conc: 211.26 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

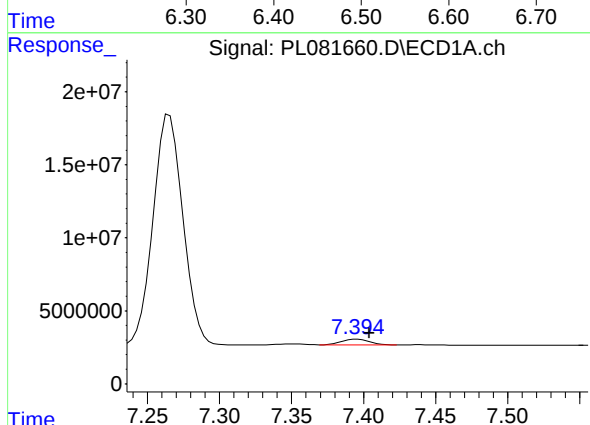
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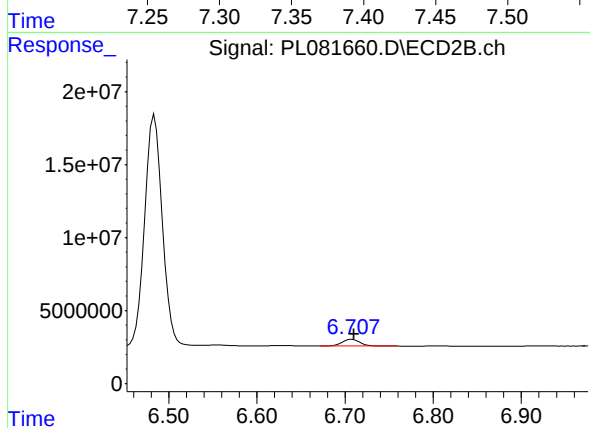
#20 Methoxychlor

R.T.: 6.484 min
Delta R.T.: -0.001 min
Response: 219072154
Conc: 219.94 ng/ml



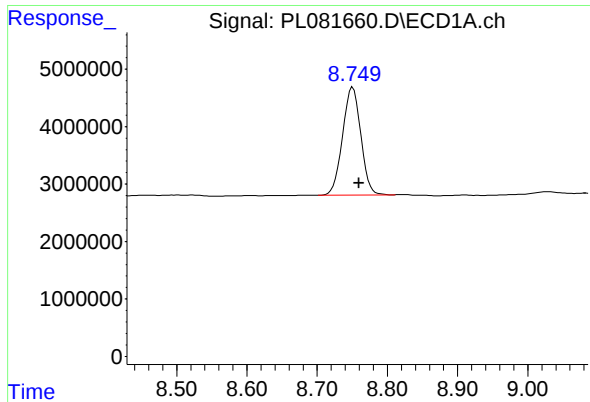
#21 Endrin ketone

R.T.: 7.394 min
Delta R.T.: -0.010 min
Response: 5300281
Conc: 2.53 ng/ml m



#21 Endrin ketone

R.T.: 6.708 min
Delta R.T.: -0.002 min
Response: 6364405
Conc: 2.98 ng/ml



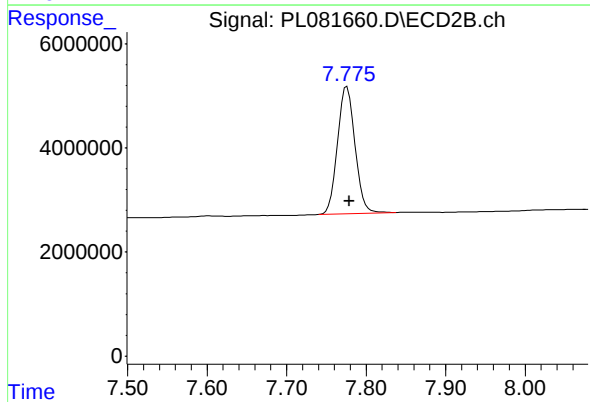
#28 Decachlorobiphenyl

R.T.: 8.751 min
Delta R.T.: -0.009 min
Response: 33869754
Conc: 18.93 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

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#28 Decachlorobiphenyl

R.T.: 7.776 min
Delta R.T.: -0.003 min
Response: 37407385
Conc: 18.86 ng/ml