

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL041523\
 Data File : PL082058.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 13 Apr 2023 14:50
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 04/14/2023
 Supervised By : Ankita Jodhani 04/14/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 13 22:32:18 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	2.653	42428962	38966339	18.242	19.521
28) SA Decachlor...	8.751	7.771	32284958	40333226	18.040	20.337
Target Compounds						
2) A alpha-BHC	3.776	3.151	29064049	25722163	8.477	8.824
3) MA gamma-BHC...	4.105	3.478	27778633	24555704	8.744	8.820
6) B beta-BHC	4.306	3.778	15402017	13053811	10.233m	10.961
14) MA Endrin	6.330	5.498	88241668	94702340	41.717	46.796
16) A 4,4'-DDD	6.473	5.648	1029857	947969	0.571m	0.625
17) MA 4,4'-DDT	6.786	5.898	174.8E6	182.8E6	86.113	106.094
18) B Endrin al...	6.682	5.975	2269702	4202220	1.387	2.706 #
20) A Methoxychlor	7.266	6.476	234.7E6	250.1E6	217.957	251.100m
21) B Endrin ke...	7.395	6.702	3664474	4419175	1.749m	2.068

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

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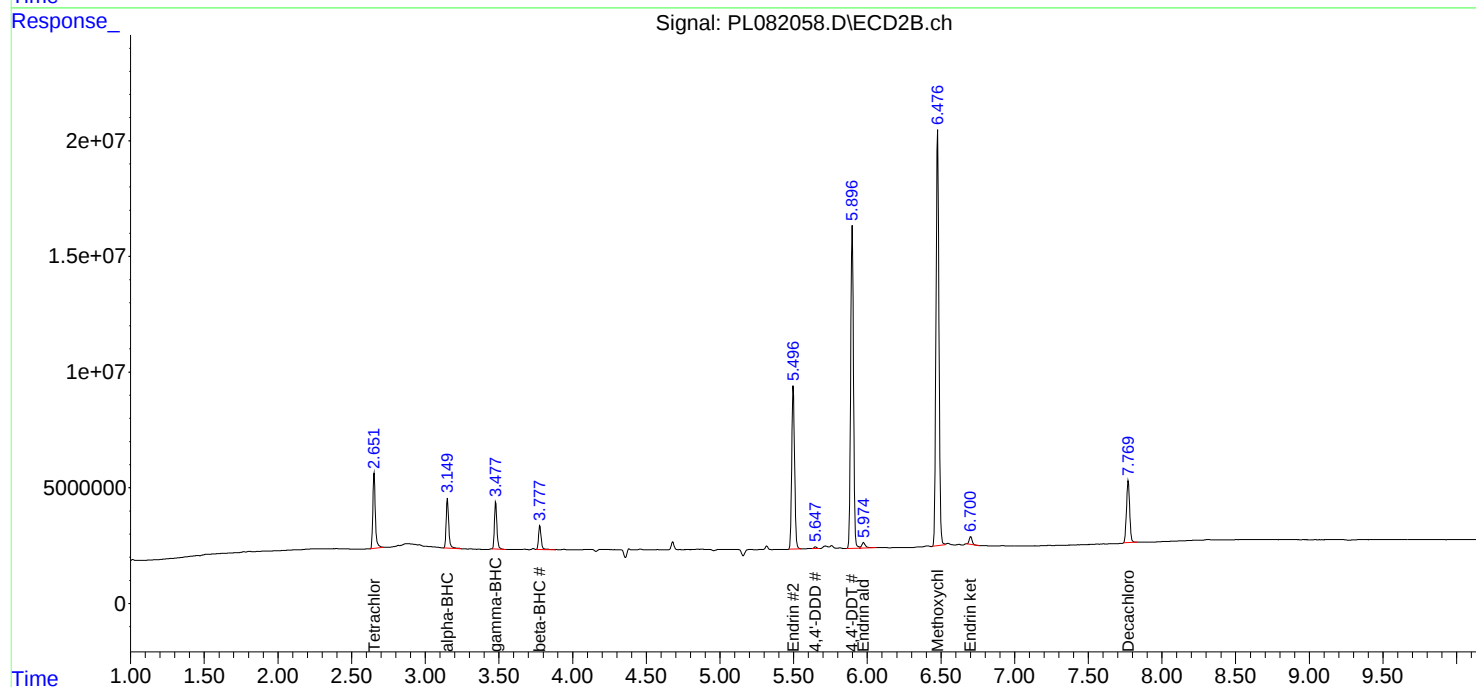
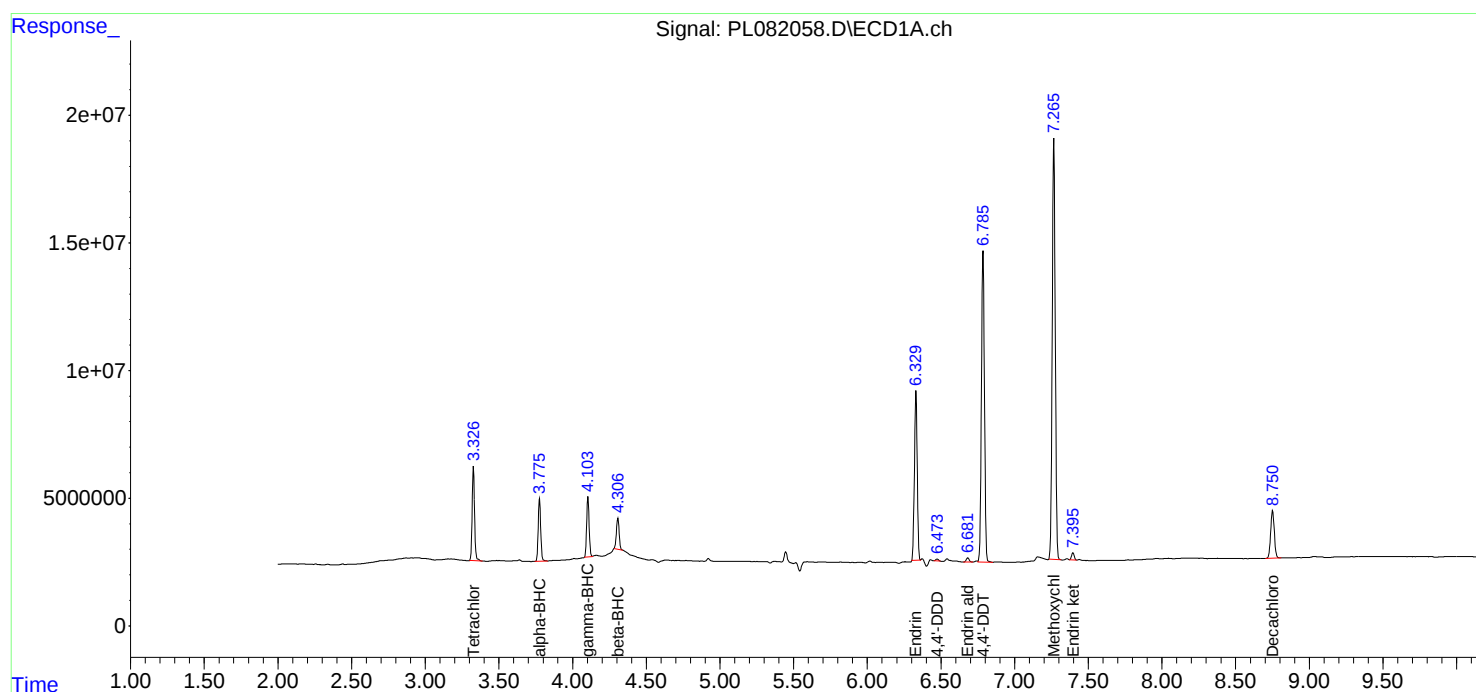
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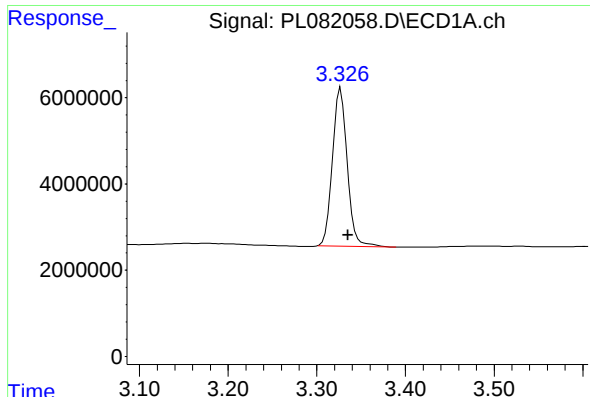
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Integration File signal 1: autoint1.e
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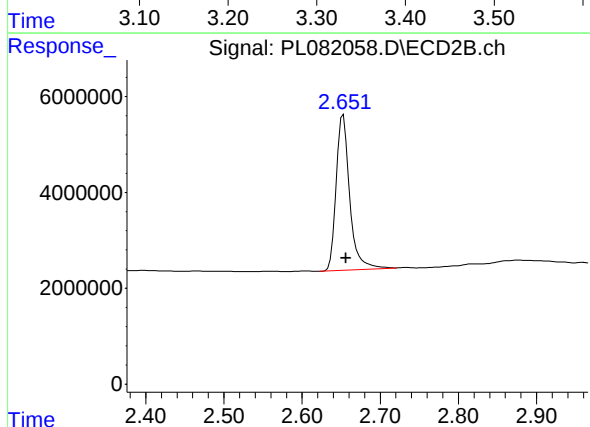
#1 Tetrachloro-m-xylene

R.T.: 3.327 min
Delta R.T.: -0.008 min
Response: 42428962
Conc: 18.24 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

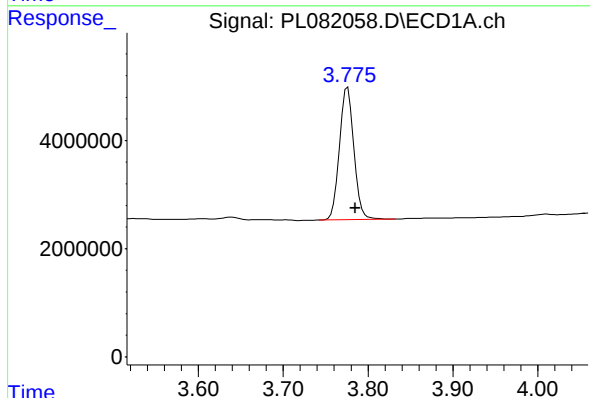
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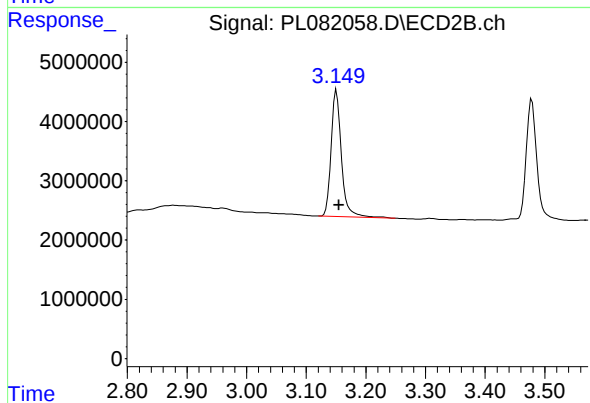
#1 Tetrachloro-m-xylene

R.T.: 2.653 min
Delta R.T.: -0.003 min
Response: 38966339
Conc: 19.52 ng/ml



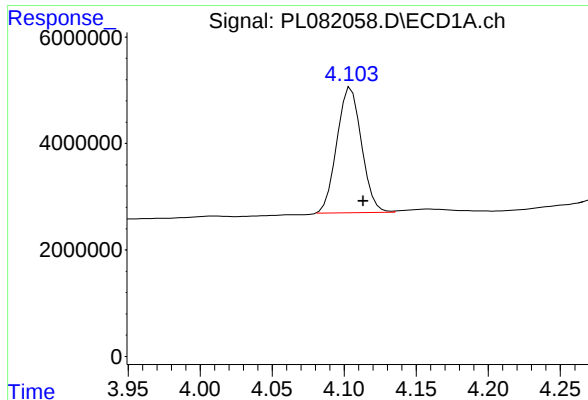
#2 alpha-BHC

R.T.: 3.776 min
Delta R.T.: -0.009 min
Response: 29064049
Conc: 8.48 ng/ml



#2 alpha-BHC

R.T.: 3.151 min
Delta R.T.: -0.004 min
Response: 25722163
Conc: 8.82 ng/ml



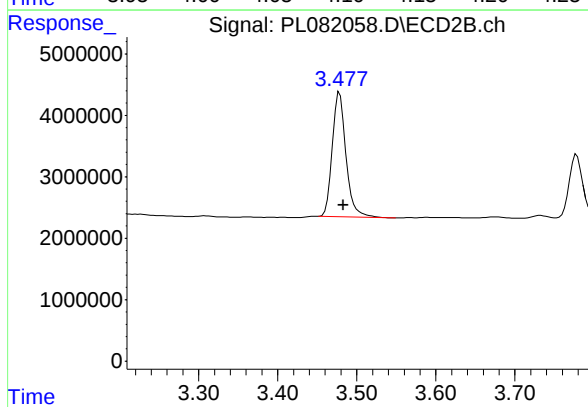
#3 gamma-BHC (Lindane)

R.T.: 4.105 min
Delta R.T.: -0.009 min
Response: 27778633
Conc: 8.74 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

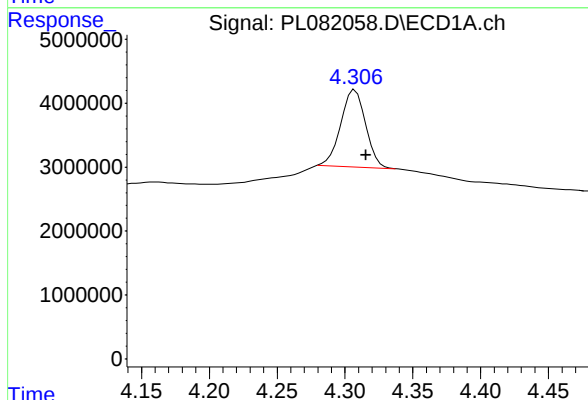
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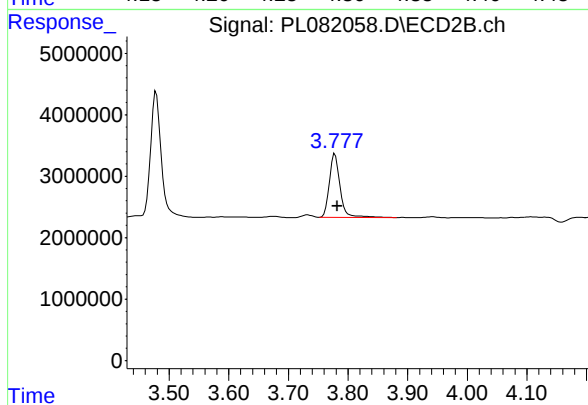
#3 gamma-BHC (Lindane)

R.T.: 3.478 min
Delta R.T.: -0.005 min
Response: 24555704
Conc: 8.82 ng/ml



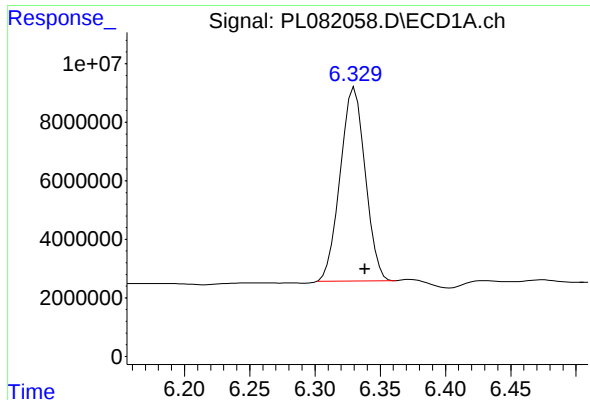
#6 beta-BHC

R.T.: 4.306 min
Delta R.T.: -0.010 min
Response: 15402017
Conc: 10.23 ng/ml m



#6 beta-BHC

R.T.: 3.778 min
Delta R.T.: -0.004 min
Response: 13053811
Conc: 10.96 ng/ml



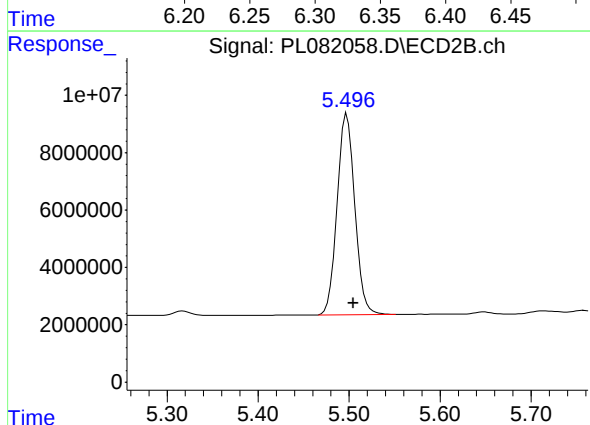
#14 Endrin

R.T.: 6.330 min
Delta R.T.: -0.008 min
Response: 88241668
Conc: 41.72 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

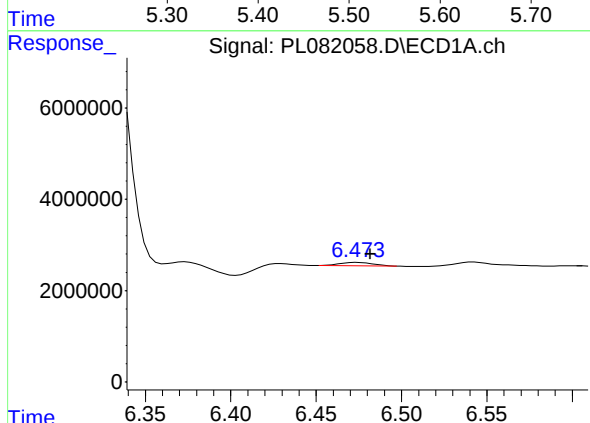
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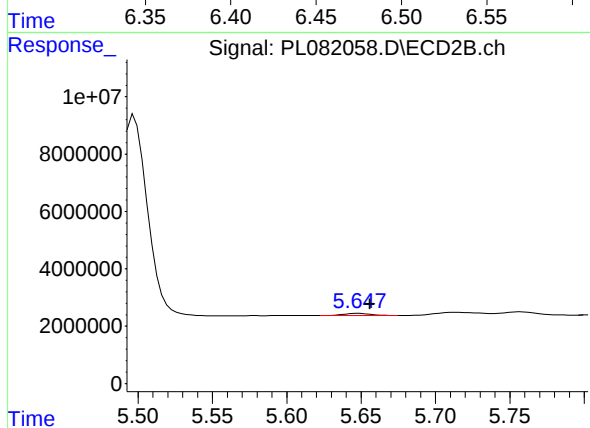
#14 Endrin

R.T.: 5.498 min
Delta R.T.: -0.007 min
Response: 94702340
Conc: 46.80 ng/ml



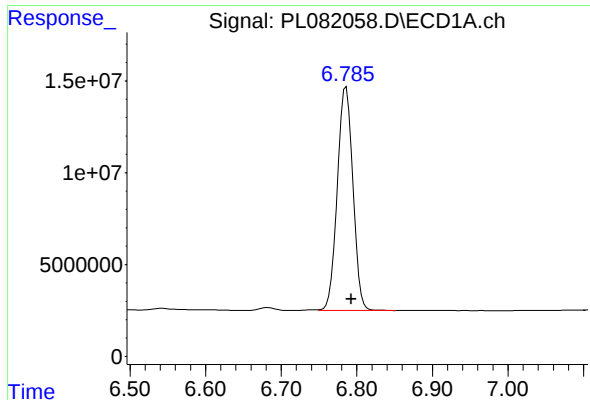
#16 4,4'-DDD

R.T.: 6.473 min
Delta R.T.: -0.009 min
Response: 1029857
Conc: 0.57 ng/ml m



#16 4,4'-DDD

R.T.: 5.648 min
Delta R.T.: -0.007 min
Response: 947969
Conc: 0.62 ng/ml



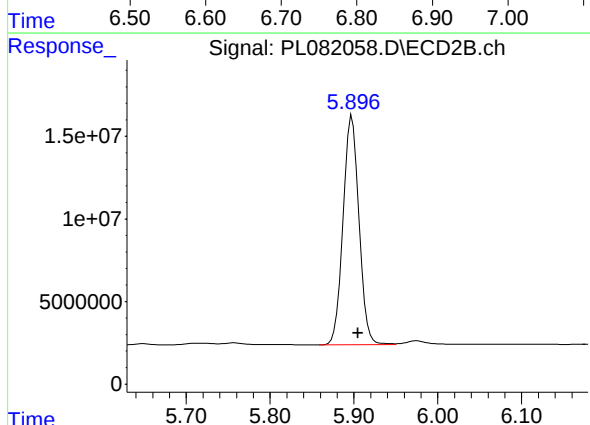
#17 4,4'-DDT

R.T.: 6.786 min
Delta R.T.: -0.007 min
Response: 174778897
Conc: 86.11 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

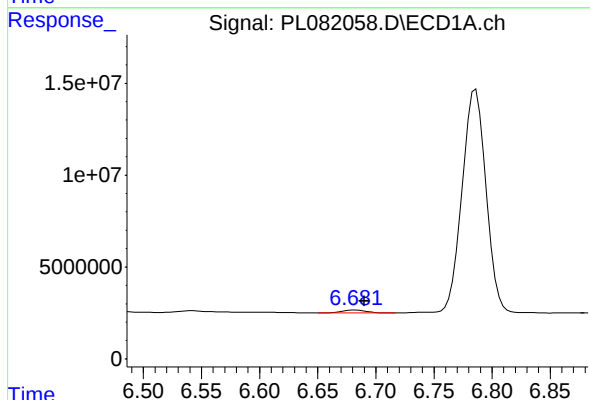
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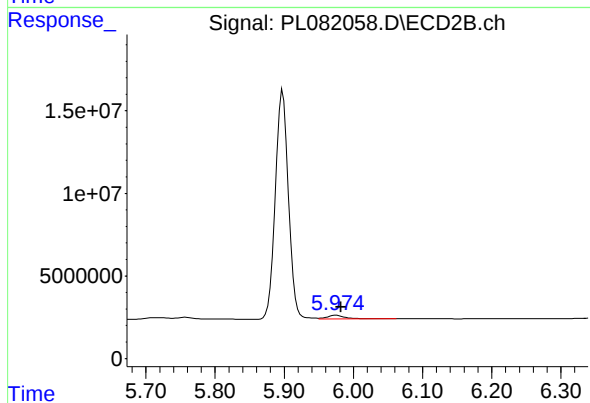
#17 4,4'-DDT

R.T.: 5.898 min
Delta R.T.: -0.007 min
Response: 182828294
Conc: 106.09 ng/ml



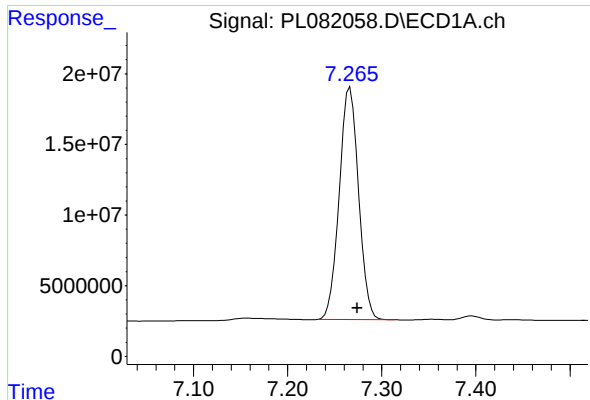
#18 Endrin aldehyde

R.T.: 6.682 min
Delta R.T.: -0.008 min
Response: 2269702
Conc: 1.39 ng/ml



#18 Endrin aldehyde

R.T.: 5.975 min
Delta R.T.: -0.007 min
Response: 4202220
Conc: 2.71 ng/ml



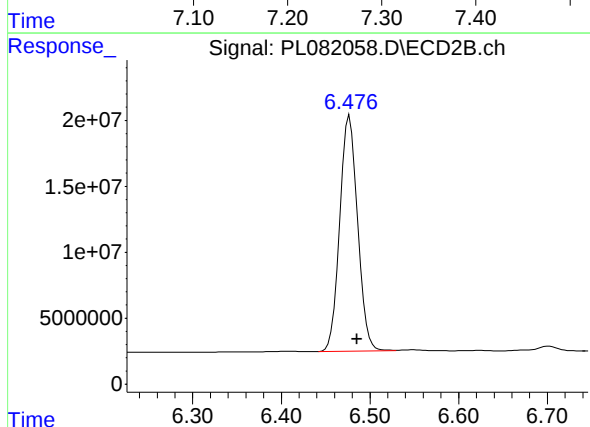
#20 Methoxychlor

R.T.: 7.266 min
Delta R.T.: -0.007 min
Response: 234716380
Conc: 217.96 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

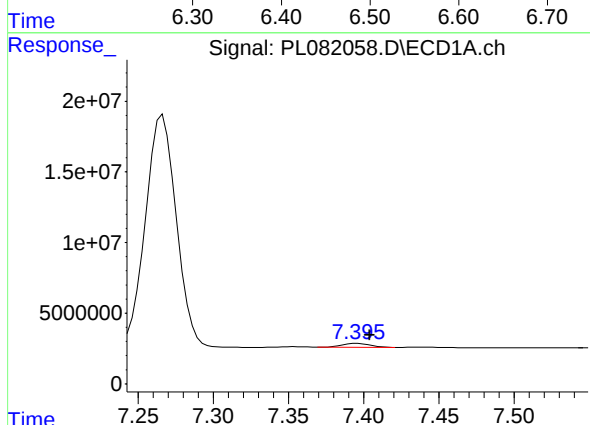
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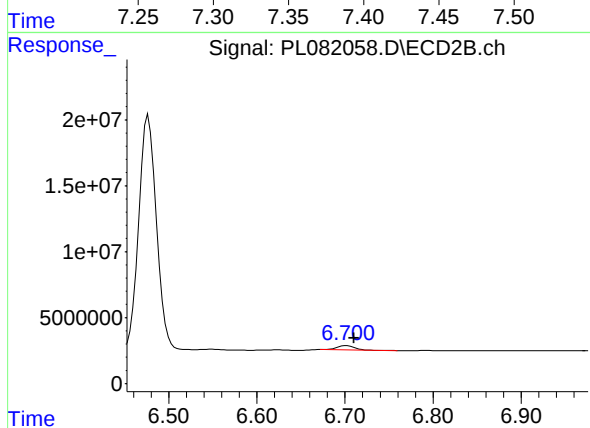
#20 Methoxychlor

R.T.: 6.476 min
Delta R.T.: -0.010 min
Response: 250105273
Conc: 251.10 ng/ml



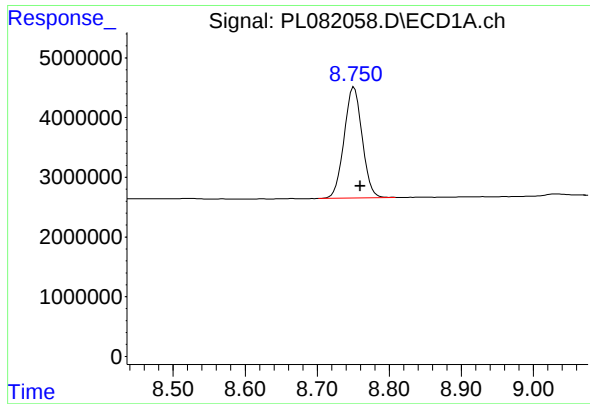
#21 Endrin ketone

R.T.: 7.395 min
Delta R.T.: -0.009 min
Response: 3664474
Conc: 1.75 ng/ml



#21 Endrin ketone

R.T.: 6.702 min
Delta R.T.: -0.008 min
Response: 4419175
Conc: 2.07 ng/ml



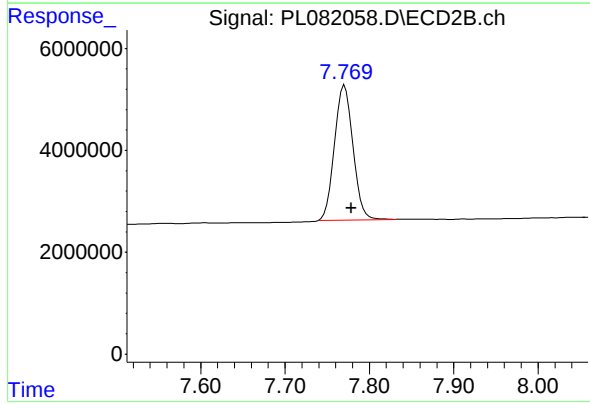
#28 Decachlorobiphenyl

R.T.: 8.751 min
Delta R.T.: -0.009 min
Response: 32284958
Conc: 18.04 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

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#28 Decachlorobiphenyl

R.T.: 7.771 min
Delta R.T.: -0.008 min
Response: 40333226
Conc: 20.34 ng/ml