

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL032323\
 Data File : PL081664.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 23 Mar 2023 11:07
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 03/24/2023
 Supervised By : Ankita Jodhani 03/24/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 24 03:00:30 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...	3.330	2.659	45091834	37101084	19.387	18.586
28) SA Decachlor...	8.752	7.777	34436166	37363731	19.242	18.840
Target Compounds						
2) A alpha-BHC	3.779	3.157	30756088	24988950	8.971	8.573
3) MA gamma-BHC...	4.108	3.485	29543890	23602825	9.300	8.477
6) B beta-BHC	4.310	3.785	14283414	11689307	9.490	9.815
12) B 4,4'-DDE	5.958	5.101	459165	228696	0.204	0.116m#
14) MA Endrin	6.332	5.505	90261149	85887596	42.672	42.441
16) A 4,4'-DDD	6.476	5.656	4337161	3117444	2.405	2.054
17) MA 4,4'-DDT	6.788	5.905	176.3E6	162.0E6	86.867	94.007
18) B Endrin al...	6.684	5.983	2779123	3922925	1.699	2.526 #
20) A Methoxychlor	7.268	6.485	234.6E6	220.9E6	217.860	221.755
21) B Endrin ke...	7.398	6.710	4926100	6132783	2.352	2.870

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

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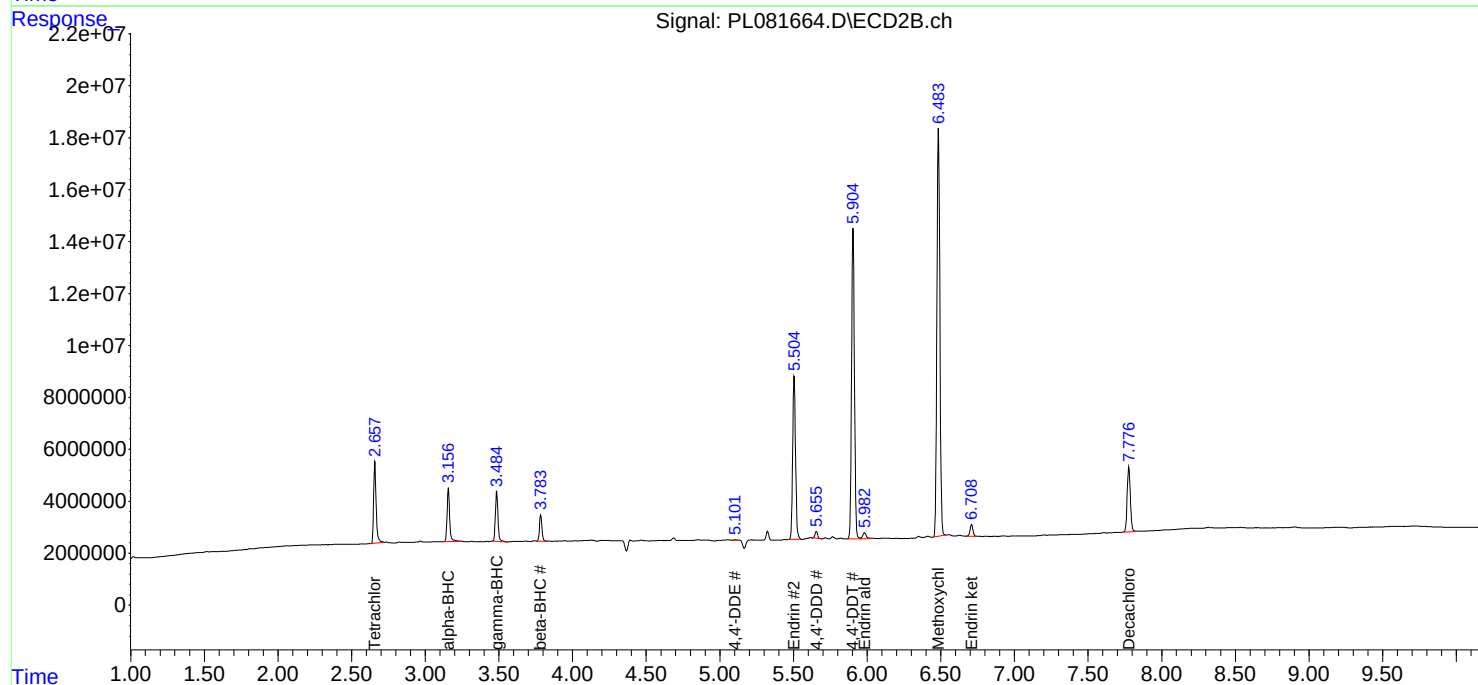
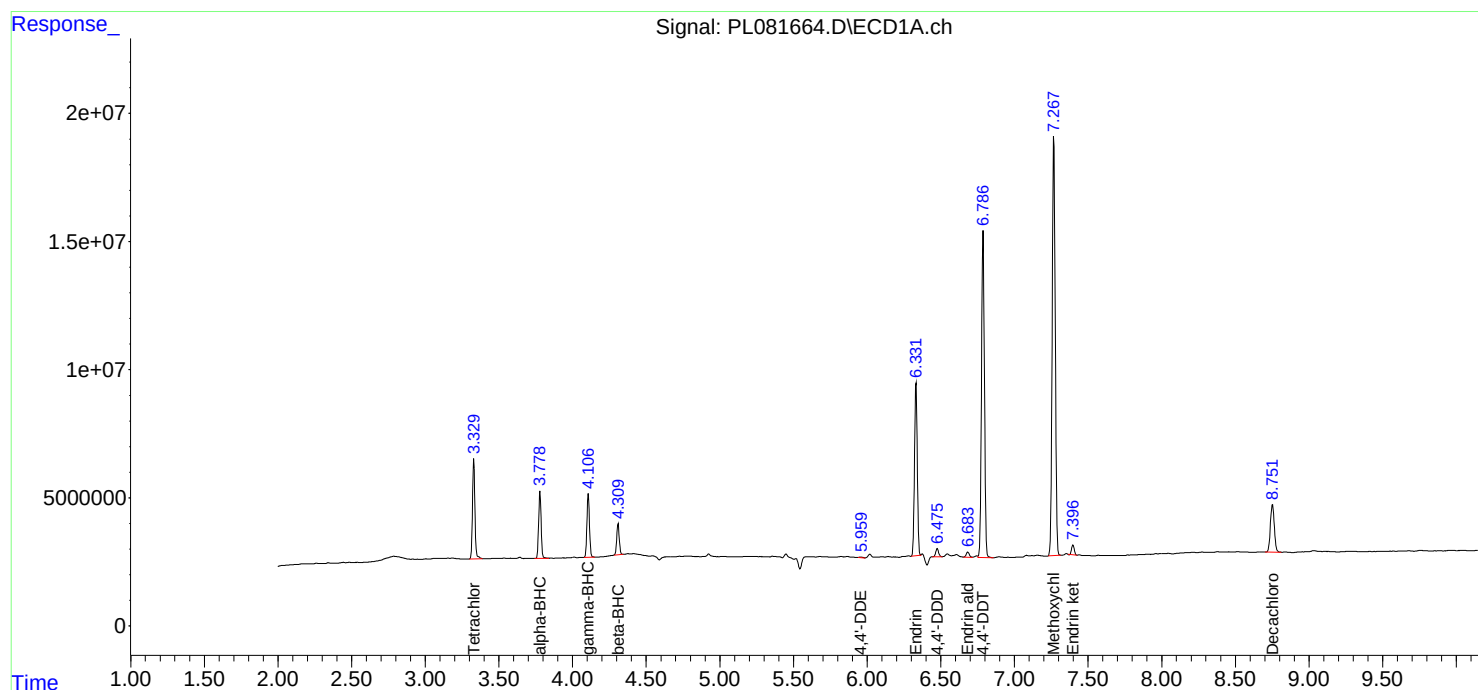
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ClientSampleId :
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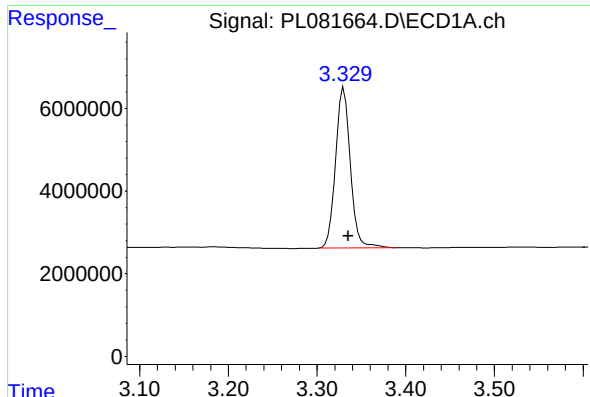
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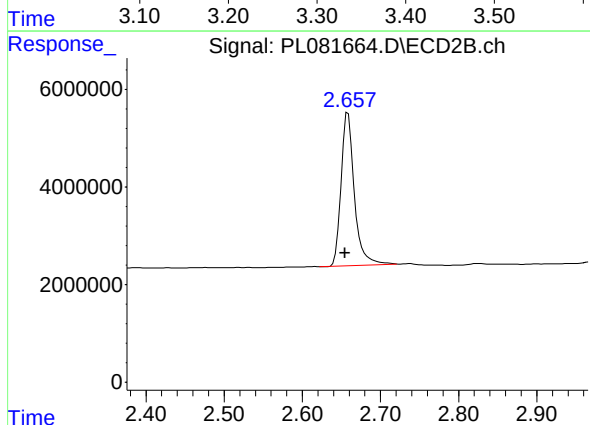
#1 Tetrachloro-m-xylene

R.T.: 3.330 min
Delta R.T.: -0.005 min
Response: 45091834
Conc: 19.39 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

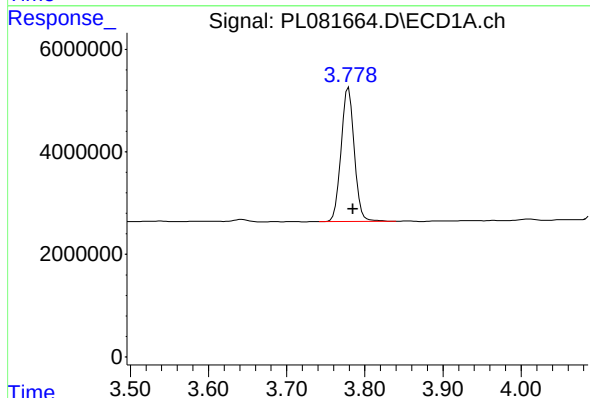
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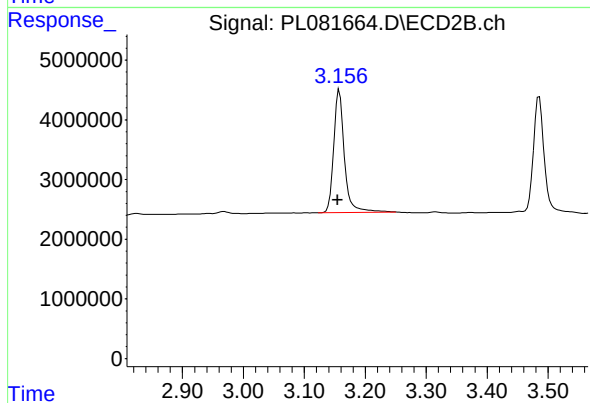
#1 Tetrachloro-m-xylene

R.T.: 2.659 min
Delta R.T.: 0.004 min
Response: 37101084
Conc: 18.59 ng/ml



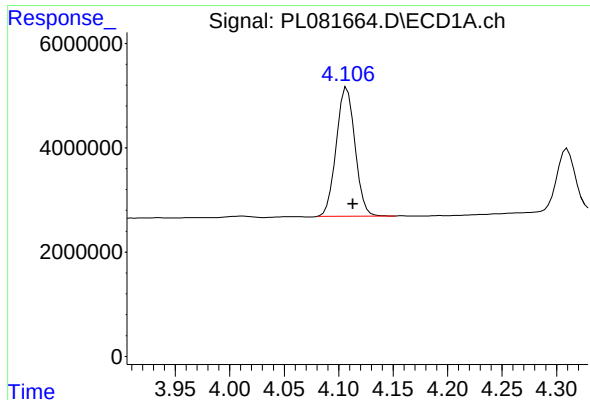
#2 alpha-BHC

R.T.: 3.779 min
Delta R.T.: -0.005 min
Response: 30756088
Conc: 8.97 ng/ml



#2 alpha-BHC

R.T.: 3.157 min
Delta R.T.: 0.003 min
Response: 24988950
Conc: 8.57 ng/ml



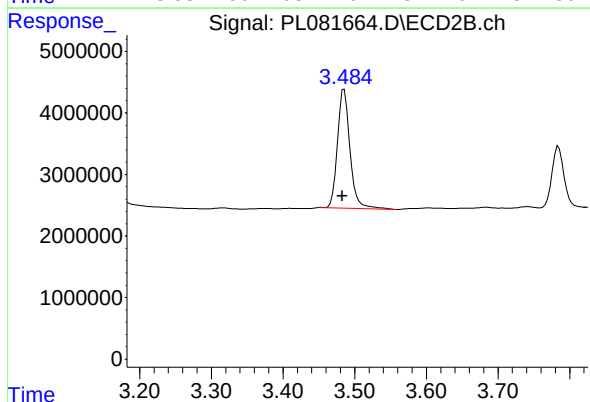
#3 gamma-BHC (Lindane)

R.T.: 4.108 min
Delta R.T.: -0.006 min
Response: 29543890
Conc: 9.30 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

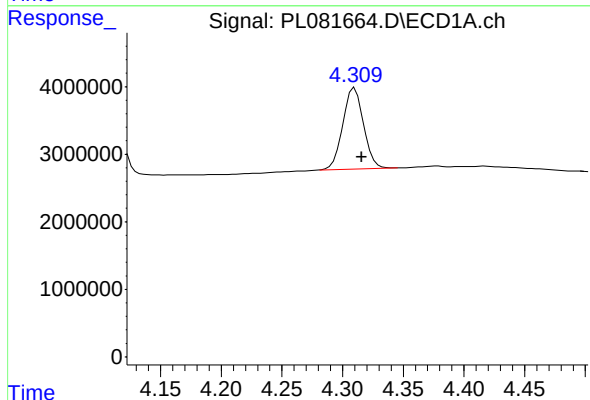
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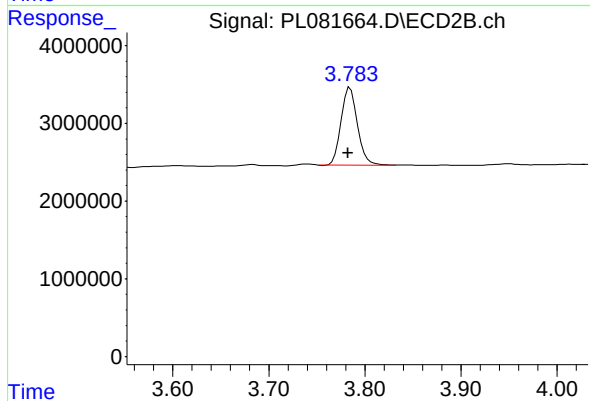
#3 gamma-BHC (Lindane)

R.T.: 3.485 min
Delta R.T.: 0.003 min
Response: 23602825
Conc: 8.48 ng/ml



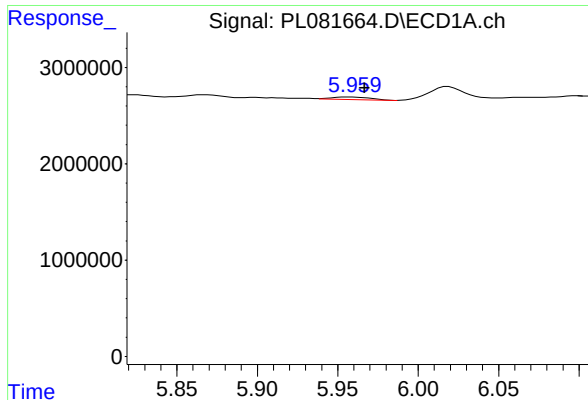
#6 beta-BHC

R.T.: 4.310 min
Delta R.T.: -0.006 min
Response: 14283414
Conc: 9.49 ng/ml



#6 beta-BHC

R.T.: 3.785 min
Delta R.T.: 0.002 min
Response: 11689307
Conc: 9.81 ng/ml



#12 4,4'-DDE

R.T.: 5.958 min
Delta R.T.: -0.009 min
Response: 459165
Conc: 0.20 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

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#12 4,4'-DDE

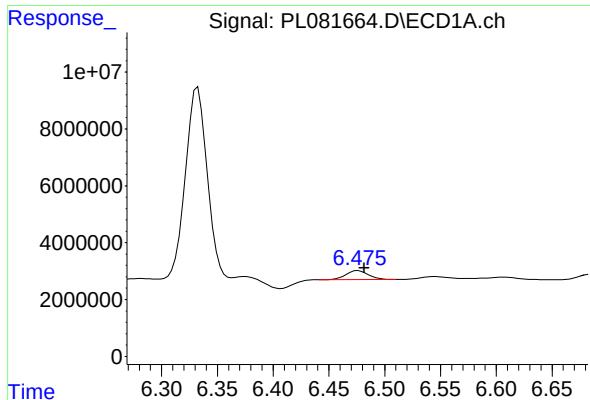
R.T.: 5.101 min
Delta R.T.: 0.000 min
Response: 228696
Conc: 0.12 ng/ml m

#14 Endrin

R.T.: 6.332 min
Delta R.T.: -0.006 min
Response: 90261149
Conc: 42.67 ng/ml

#14 Endrin

R.T.: 5.505 min
Delta R.T.: 0.000 min
Response: 85887596
Conc: 42.44 ng/ml



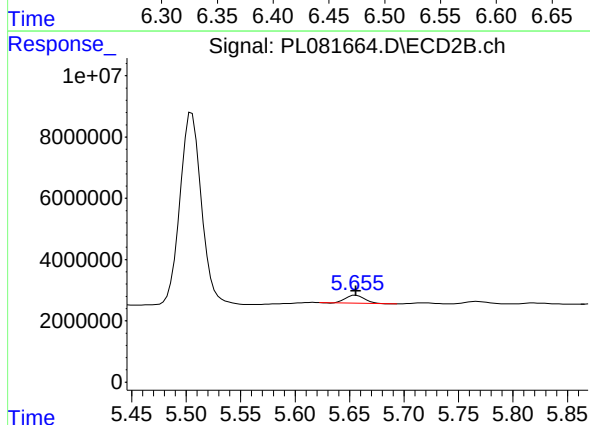
#16 4,4'-DDD

R.T.: 6.476 min
Delta R.T.: -0.005 min
Response: 4337161
Conc: 2.40 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

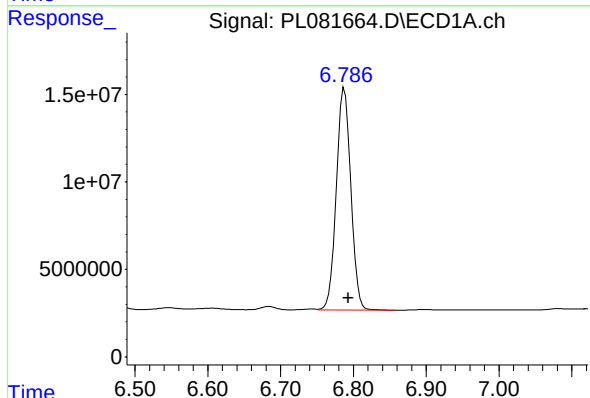
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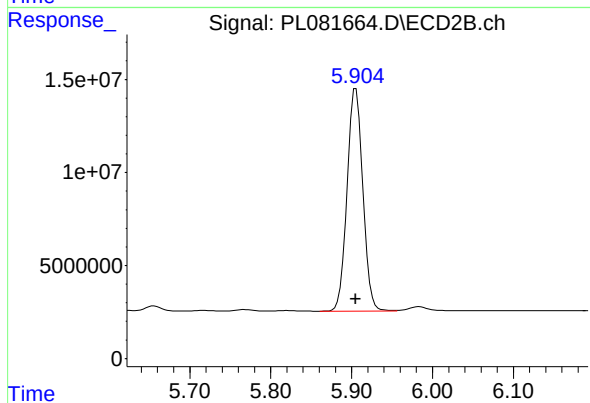
#16 4,4'-DDD

R.T.: 5.656 min
Delta R.T.: 0.000 min
Response: 3117444
Conc: 2.05 ng/ml



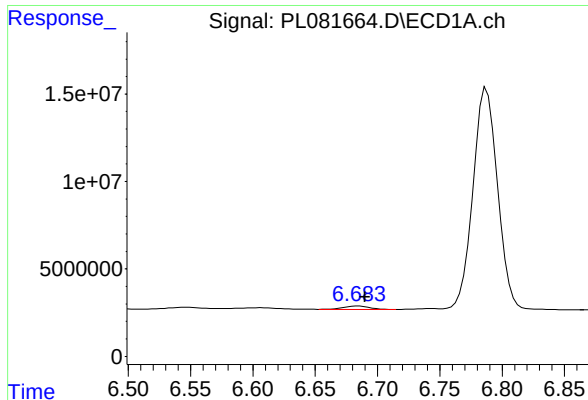
#17 4,4'-DDT

R.T.: 6.788 min
Delta R.T.: -0.005 min
Response: 176308565
Conc: 86.87 ng/ml



#17 4,4'-DDT

R.T.: 5.905 min
Delta R.T.: 0.000 min
Response: 162000222
Conc: 94.01 ng/ml



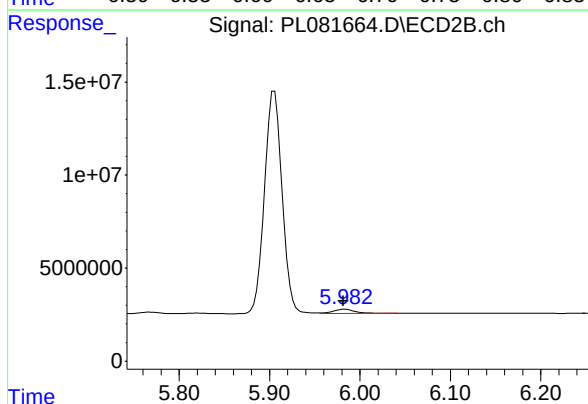
#18 Endrin aldehyde

R.T.: 6.684 min
Delta R.T.: -0.006 min
Response: 2779123
Conc: 1.70 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

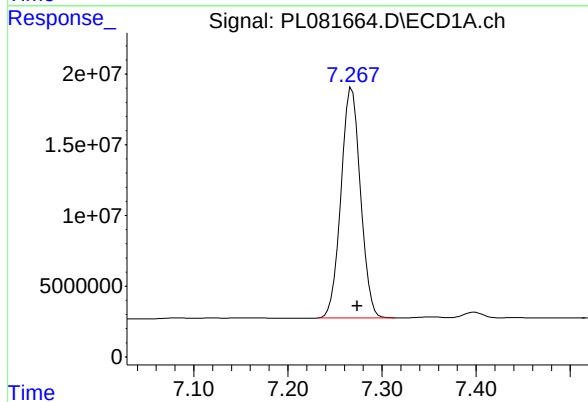
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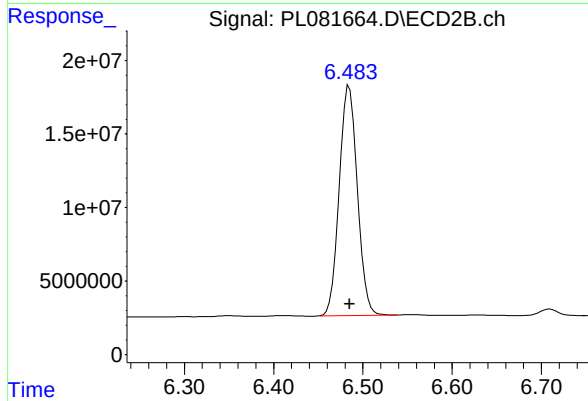
#18 Endrin aldehyde

R.T.: 5.983 min
Delta R.T.: 0.001 min
Response: 3922925
Conc: 2.53 ng/ml



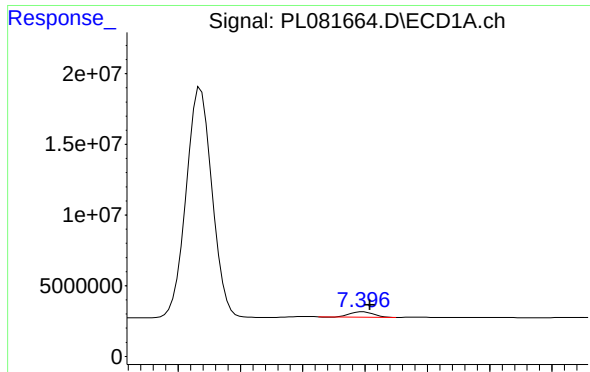
#20 Methoxychlor

R.T.: 7.268 min
Delta R.T.: -0.006 min
Response: 234612114
Conc: 217.86 ng/ml



#20 Methoxychlor

R.T.: 6.485 min
Delta R.T.: 0.000 min
Response: 220875878
Conc: 221.75 ng/ml



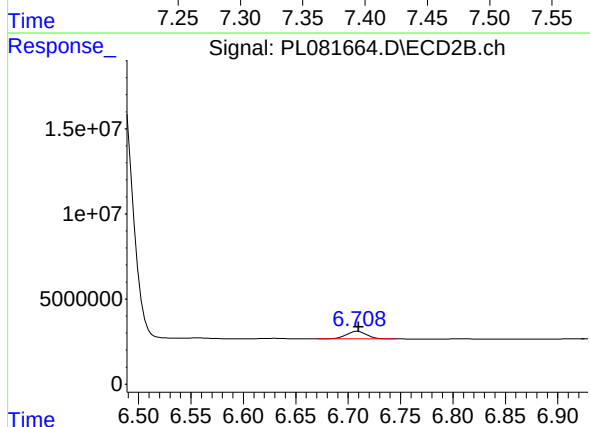
#21 Endrin ketone

R.T.: 7.398 min
Delta R.T.: -0.006 min
Response: 4926100
Conc: 2.35 ng/ml

Instrument :
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ClientSampleId :
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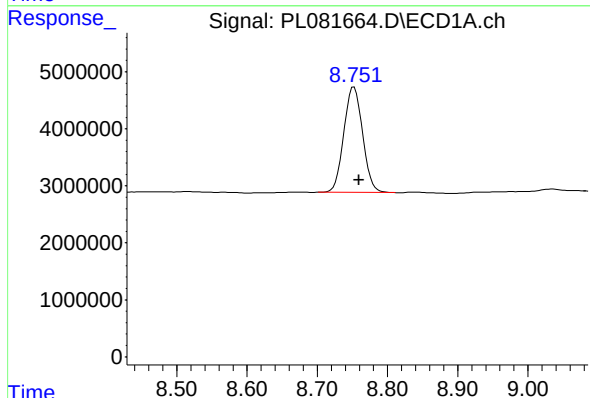
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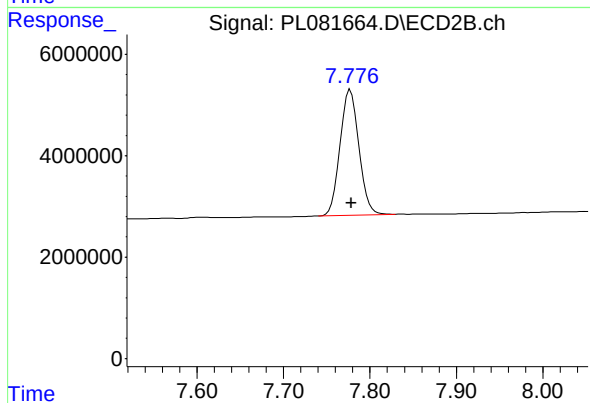
#21 Endrin ketone

R.T.: 6.710 min
Delta R.T.: 0.000 min
Response: 6132783
Conc: 2.87 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.752 min
Delta R.T.: -0.007 min
Response: 34436166
Conc: 19.24 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.777 min
Delta R.T.: -0.002 min
Response: 37363731
Conc: 18.84 ng/ml