

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\pl032423\
 Data File : PL081692.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 24 Mar 2023 08:32
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 03/27/2023
 Supervised By : Ankita Jodhani 03/27/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 26 21:16:58 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...	3.333	2.660	44592683	35190169	19.172	17.629
28) SA Decachlor...	8.757	7.780	31616118	34290049	17.666	17.290
Target Compounds						
2) A alpha-BHC	3.782	3.159	30503959	22806639	8.897	7.824
3) MA gamma-BHC...	4.110	3.487	29332950	22027692	9.233	7.912
6) B beta-BHC	4.313	3.784	14427077	11213588	9.586	9.415m
12) B 4,4'-DDE	5.964	5.104	460616	257259	0.204m	0.131 #
14) MA Endrin	6.336	5.508	83021496	77006494	39.249	38.052
16) A 4,4'-DDD	6.480	5.656	5967213	4764643	3.309	3.140m
17) MA 4,4'-DDT	6.791	5.907	160.1E6	151.4E6	78.862	87.831
18) B Endrin al...	6.688	5.985	2922371	3796418	1.786	2.445 #
20) A Methoxychlor	7.271	6.487	221.5E6	206.4E6	205.666	207.264
21) B Endrin ke...	7.400	6.711	6640951	7137943	3.170m	3.340

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

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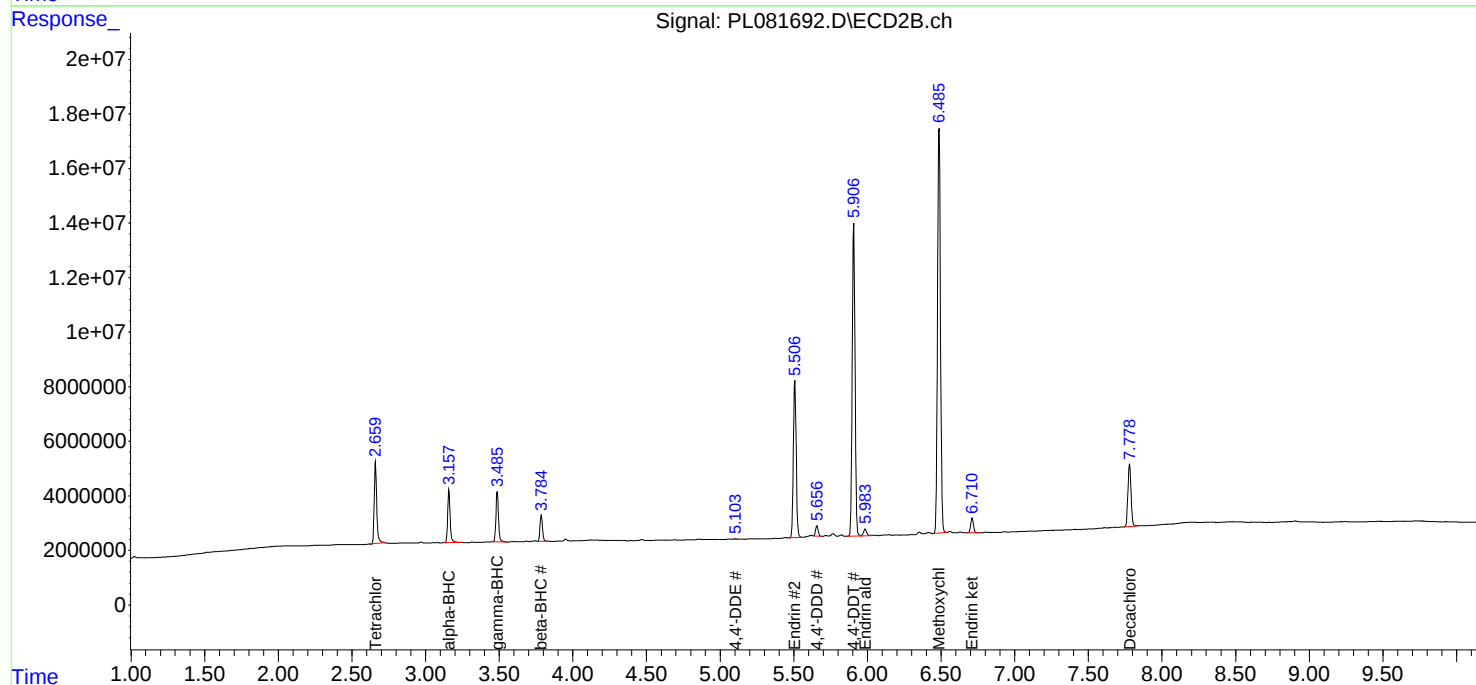
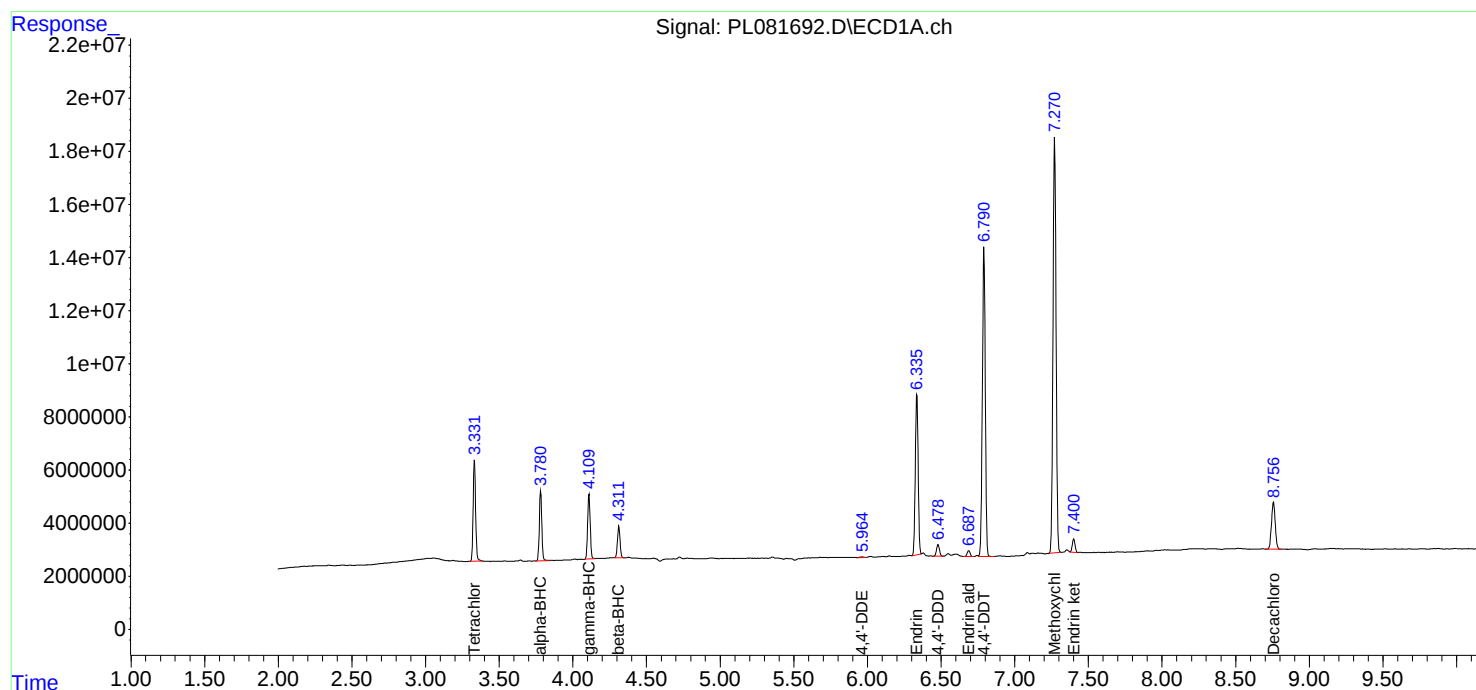
Instrument :
ECD_L
ClientSampleId :
PEM

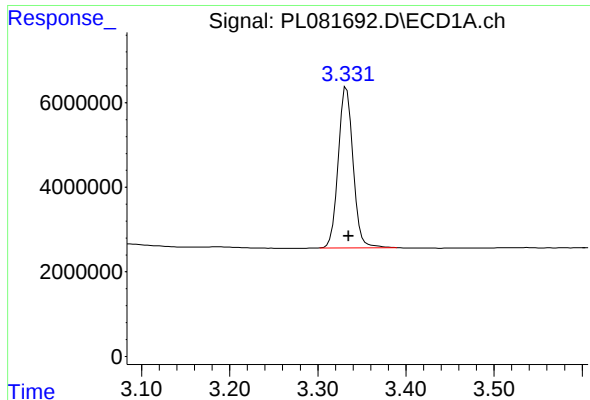
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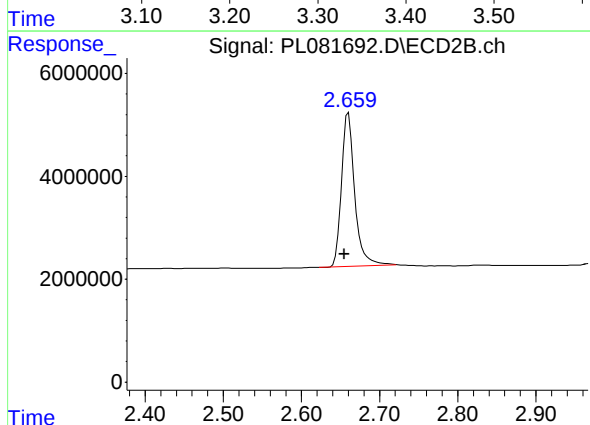
#1 Tetrachloro-m-xylene

R.T.: 3.333 min
Delta R.T.: -0.002 min
Response: 44592683
Conc: 19.17 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

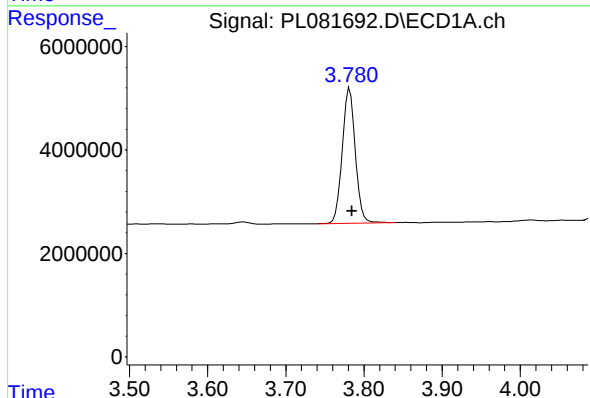
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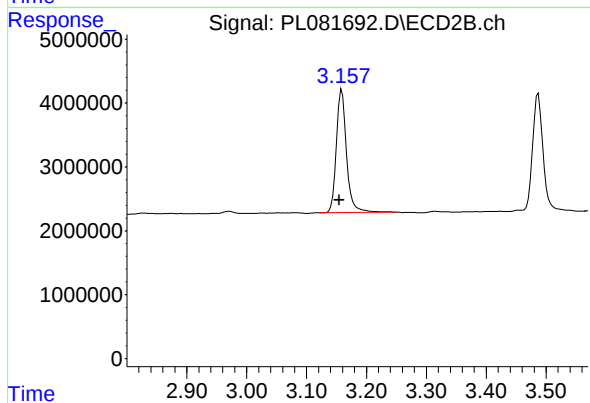
#1 Tetrachloro-m-xylene

R.T.: 2.660 min
Delta R.T.: 0.005 min
Response: 35190169
Conc: 17.63 ng/ml



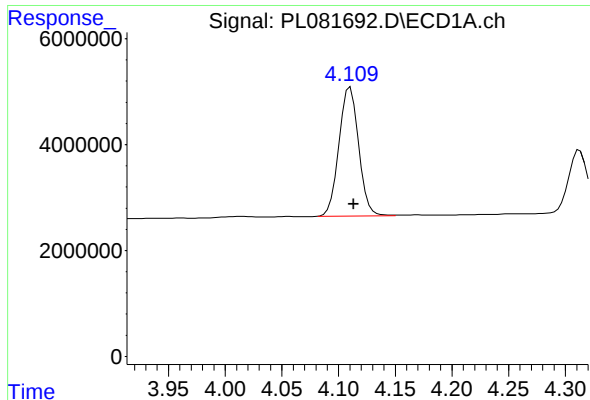
#2 alpha-BHC

R.T.: 3.782 min
Delta R.T.: -0.003 min
Response: 30503959
Conc: 8.90 ng/ml



#2 alpha-BHC

R.T.: 3.159 min
Delta R.T.: 0.004 min
Response: 22806639
Conc: 7.82 ng/ml



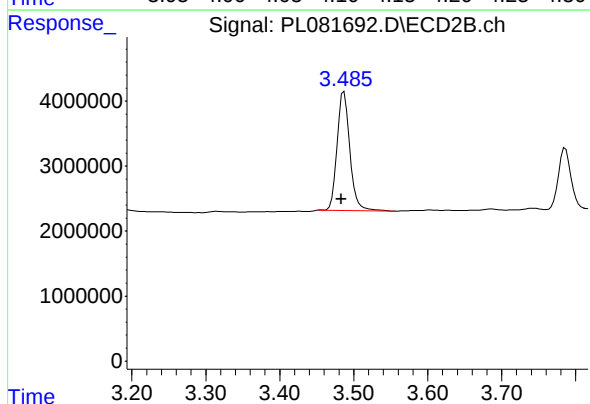
#3 gamma-BHC (Lindane)

R.T.: 4.110 min
Delta R.T.: -0.003 min
Response: 29332950
Conc: 9.23 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

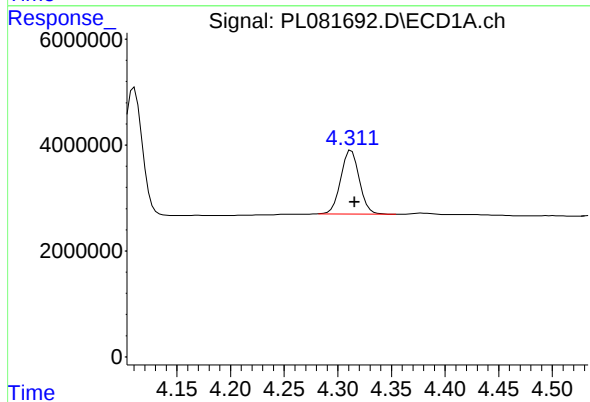
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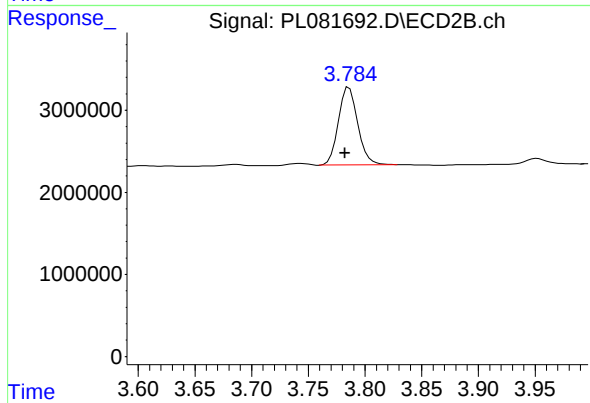
#3 gamma-BHC (Lindane)

R.T.: 3.487 min
Delta R.T.: 0.004 min
Response: 22027692
Conc: 7.91 ng/ml



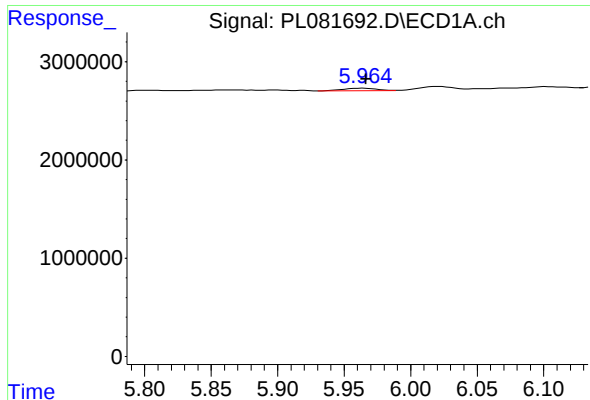
#6 beta-BHC

R.T.: 4.313 min
Delta R.T.: -0.003 min
Response: 14427077
Conc: 9.59 ng/ml



#6 beta-BHC

R.T.: 3.784 min
Delta R.T.: 0.002 min
Response: 11213588
Conc: 9.42 ng/ml m



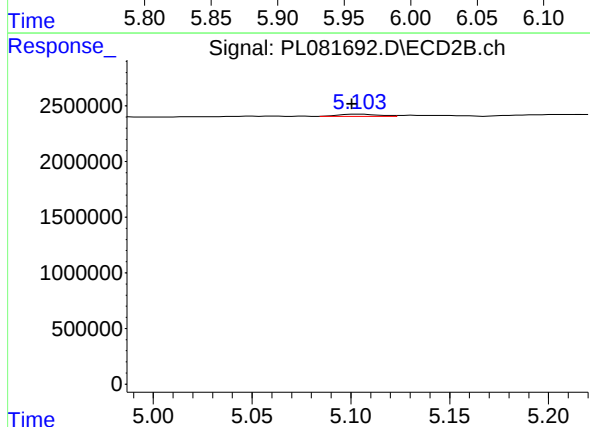
#12 4,4'-DDE

R.T.: 5.964 min
Delta R.T.: -0.003 min
Response: 460616
Conc: 0.20 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

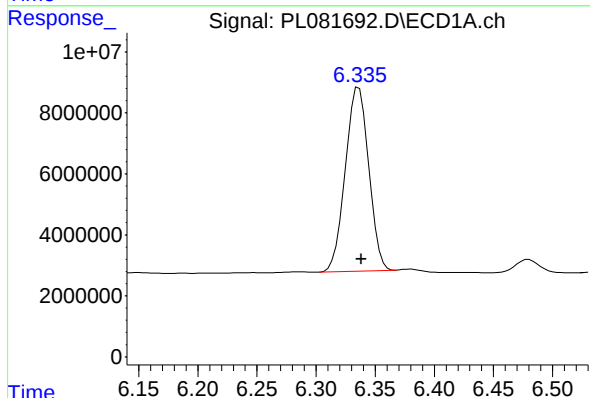
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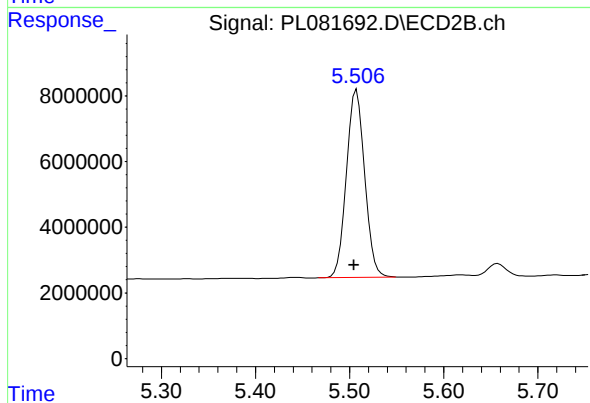
#12 4,4'-DDE

R.T.: 5.104 min
Delta R.T.: 0.004 min
Response: 257259
Conc: 0.13 ng/ml



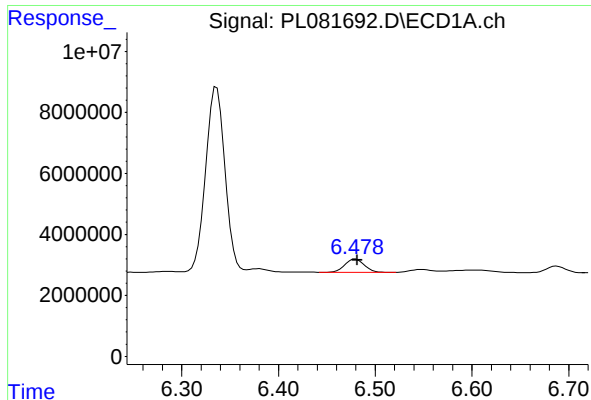
#14 Endrin

R.T.: 6.336 min
Delta R.T.: -0.002 min
Response: 83021496
Conc: 39.25 ng/ml



#14 Endrin

R.T.: 5.508 min
Delta R.T.: 0.003 min
Response: 77006494
Conc: 38.05 ng/ml



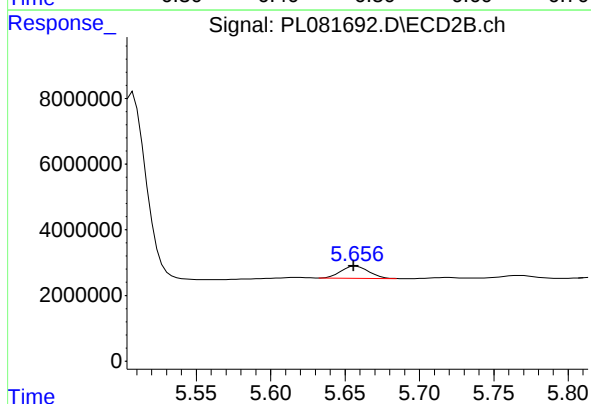
#16 4,4'-DDD

R.T.: 6.480 min
Delta R.T.: -0.002 min
Response: 5967213
Conc: 3.31 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

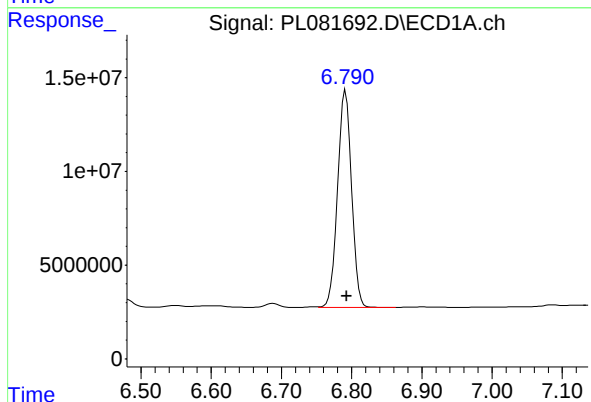
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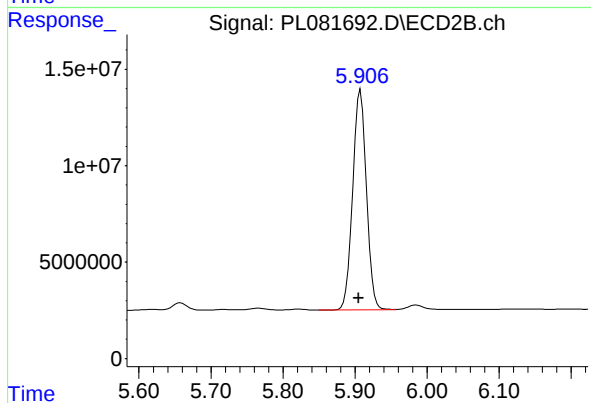
#16 4,4'-DDD

R.T.: 5.656 min
Delta R.T.: 0.000 min
Response: 4764643
Conc: 3.14 ng/ml



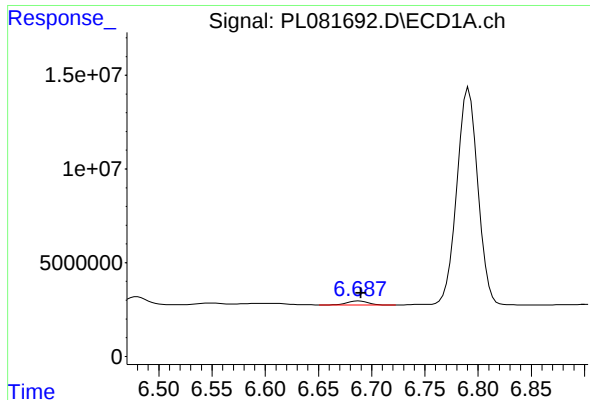
#17 4,4'-DDT

R.T.: 6.791 min
Delta R.T.: -0.002 min
Response: 160060648
Conc: 78.86 ng/ml



#17 4,4'-DDT

R.T.: 5.907 min
Delta R.T.: 0.002 min
Response: 151356882
Conc: 87.83 ng/ml



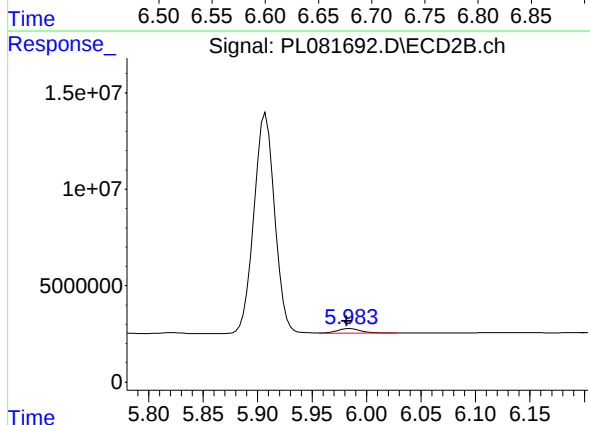
#18 Endrin aldehyde

R.T.: 6.688 min
Delta R.T.: -0.002 min
Response: 2922371
Conc: 1.79 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

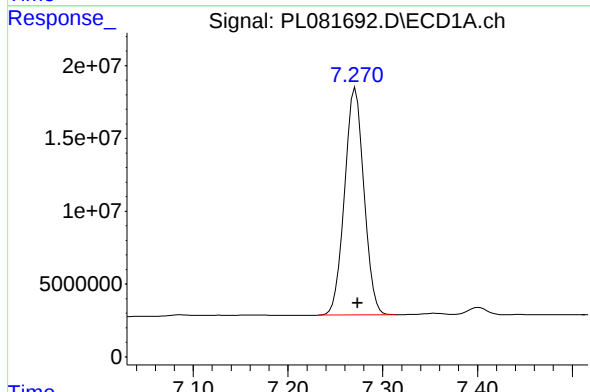
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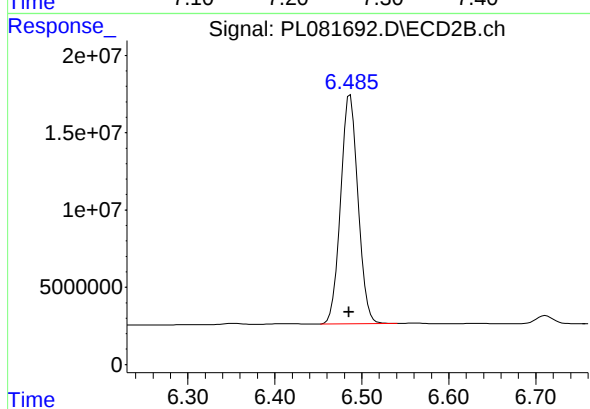
#18 Endrin aldehyde

R.T.: 5.985 min
Delta R.T.: 0.003 min
Response: 3796418
Conc: 2.44 ng/ml



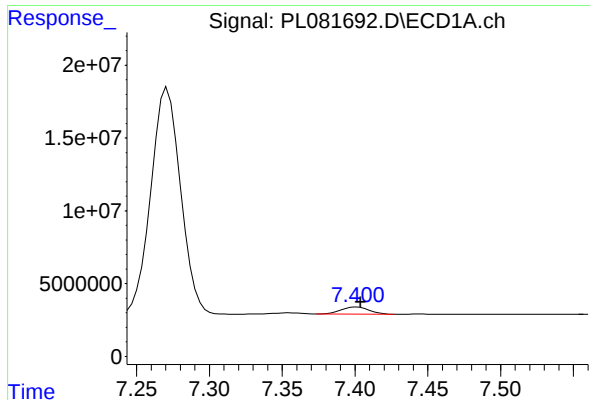
#20 Methoxychlor

R.T.: 7.271 min
Delta R.T.: -0.003 min
Response: 221480533
Conc: 205.67 ng/ml



#20 Methoxychlor

R.T.: 6.487 min
Delta R.T.: 0.002 min
Response: 206443188
Conc: 207.26 ng/ml



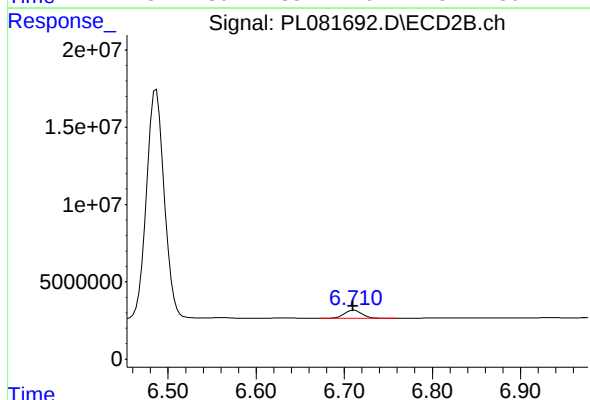
#21 Endrin ketone

R.T.: 7.400 min
Delta R.T.: -0.004 min
Response: 6640951
Conc: 3.17 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

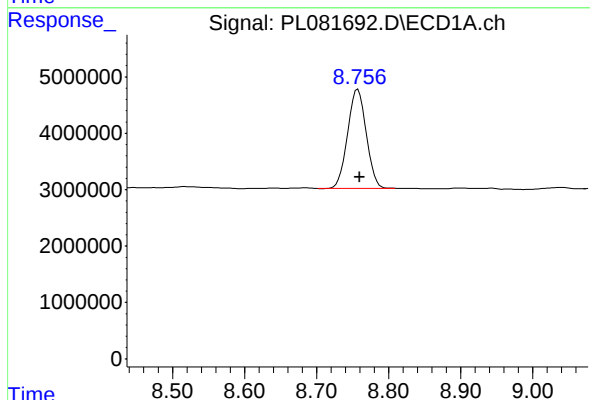
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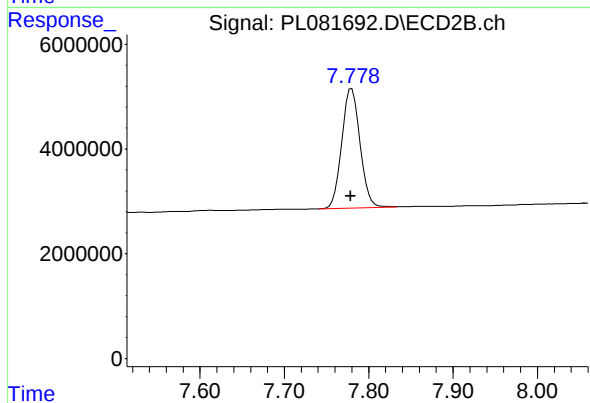
#21 Endrin ketone

R.T.: 6.711 min
Delta R.T.: 0.001 min
Response: 7137943
Conc: 3.34 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.757 min
Delta R.T.: -0.003 min
Response: 31616118
Conc: 17.67 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.780 min
Delta R.T.: 0.001 min
Response: 34290049
Conc: 17.29 ng/ml