

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\pl032423\
 Data File : PL081706.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 24 Mar 2023 14:11
 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 21:23:03 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	2.658	41652487	34955290	17.908	17.511
28)	SA Decachlor...	8.750	7.776	30922727	35849870	17.279	18.076
Target Compounds							
2)	A alpha-BHC	3.778	3.157	28728443	23604728	8.380	8.098
3)	MA gamma-BHC...	4.106	3.485	27000234	22298662	8.499	8.009
6)	B beta-BHC	4.307	3.784	14812364	10872913	9.842m	9.129
12)	B 4,4'-DDE	5.960	5.100	492555	432115	0.219	0.219m
14)	MA Endrin	6.331	5.504	80978634	78374111	38.284	38.728
16)	A 4,4'-DDD	6.474	5.655	6517064	5145342	3.614	3.391
17)	MA 4,4'-DDT	6.786	5.903	159.2E6	151.2E6	78.461	87.750
18)	B Endrin al...	6.683	5.981	3182362	3950612	1.945	2.544 #
20)	A Methoxychlor	7.267	6.483	209.5E6	208.4E6	194.515	209.186
21)	B Endrin ke...	7.394	6.707	6389171	8046294	3.050m	3.765

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

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Acq On : 24 Mar 2023 14:11
Operator : AR\AJ
Sample : PEM
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ALS Vial : 3 Sample Multiplier: 1

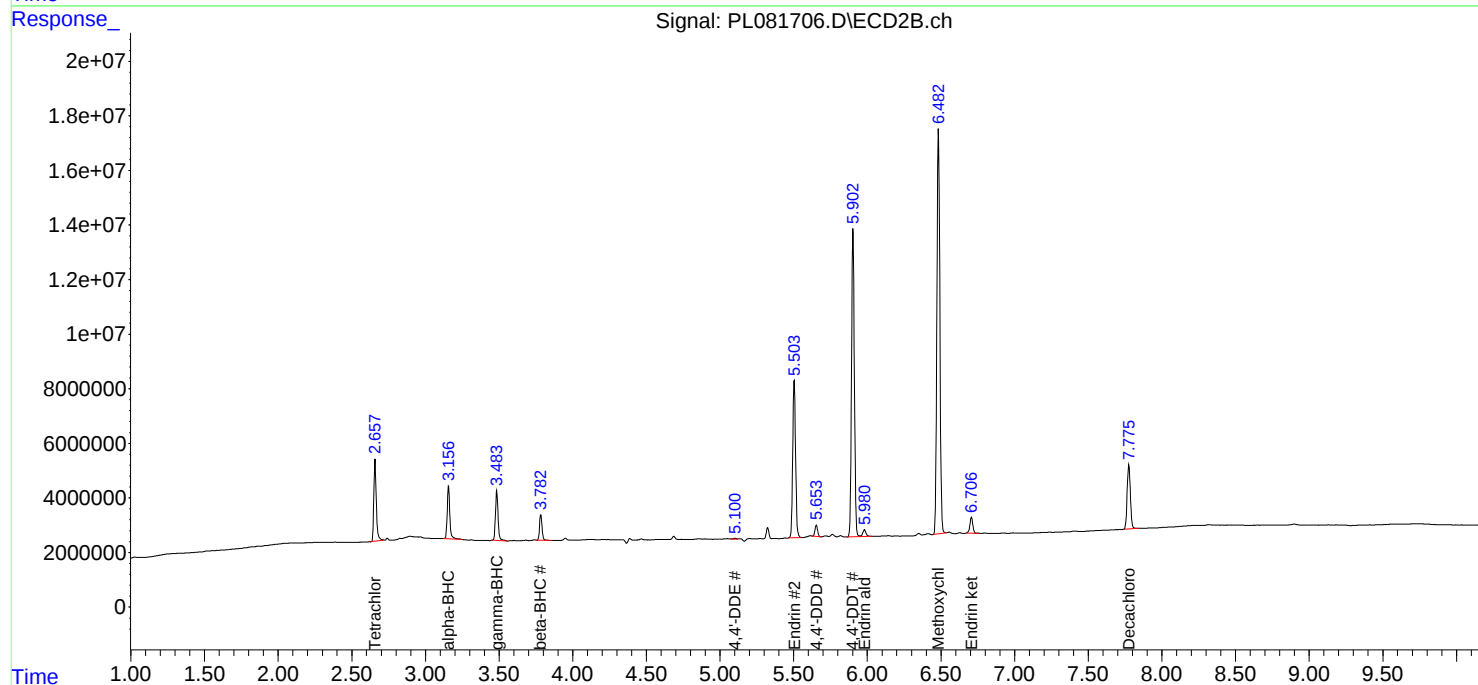
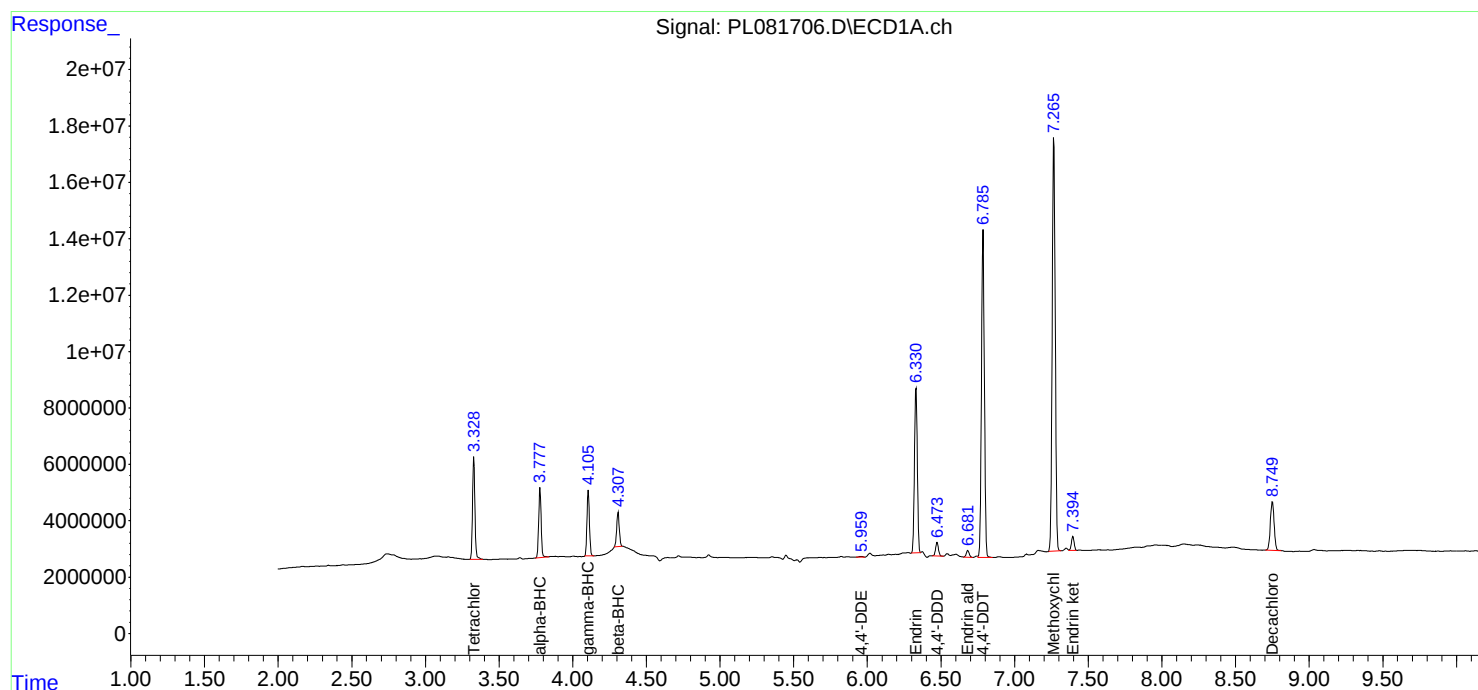
Instrument :
ECD_L
ClientSampleId :
PEM

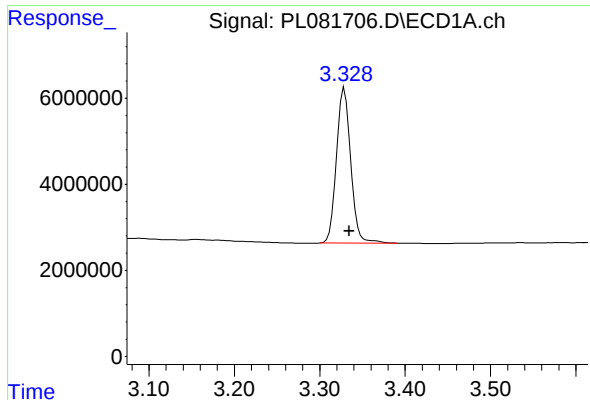
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Integration File signal 1: autoint1.e
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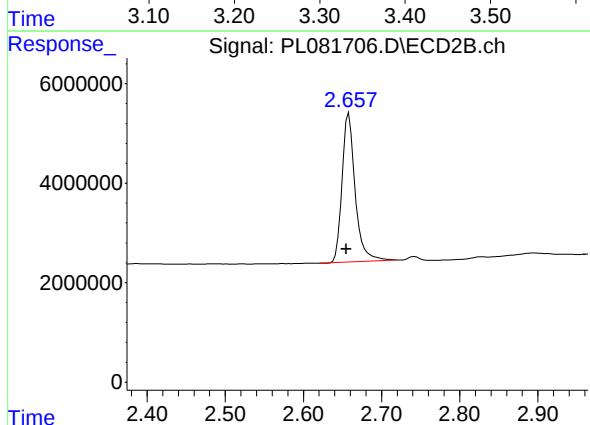
#1 Tetrachloro-m-xylene

R.T.: 3.329 min
Delta R.T.: -0.006 min
Response: 41652487
Conc: 17.91 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

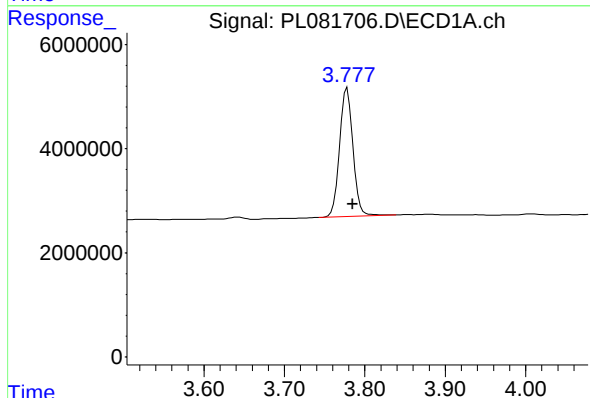
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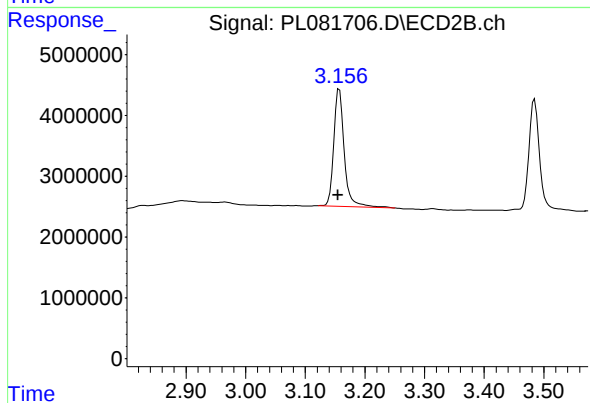
#1 Tetrachloro-m-xylene

R.T.: 2.658 min
Delta R.T.: 0.004 min
Response: 34955290
Conc: 17.51 ng/ml



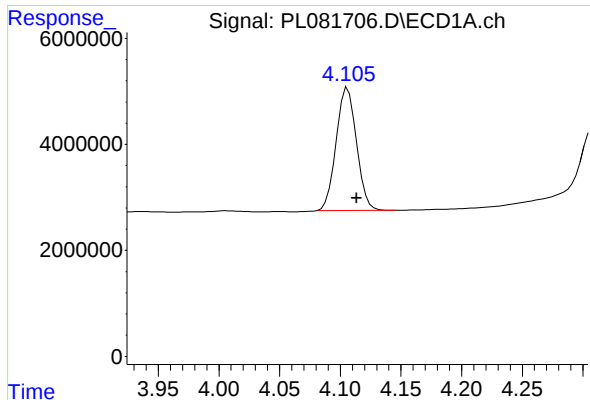
#2 alpha-BHC

R.T.: 3.778 min
Delta R.T.: -0.007 min
Response: 28728443
Conc: 8.38 ng/ml



#2 alpha-BHC

R.T.: 3.157 min
Delta R.T.: 0.002 min
Response: 23604728
Conc: 8.10 ng/ml



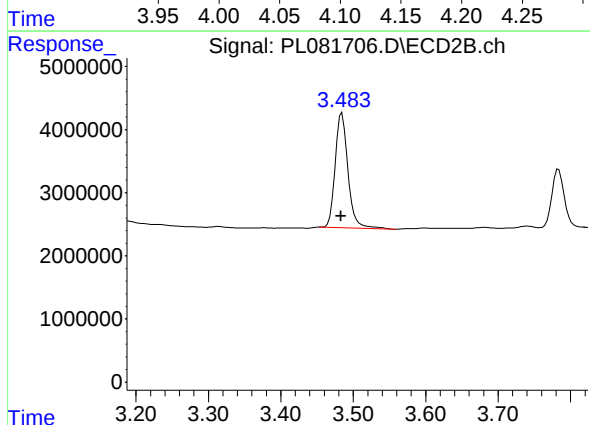
#3 gamma-BHC (Lindane)

R.T.: 4.106 min
Delta R.T.: -0.007 min
Response: 27000234
Conc: 8.50 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

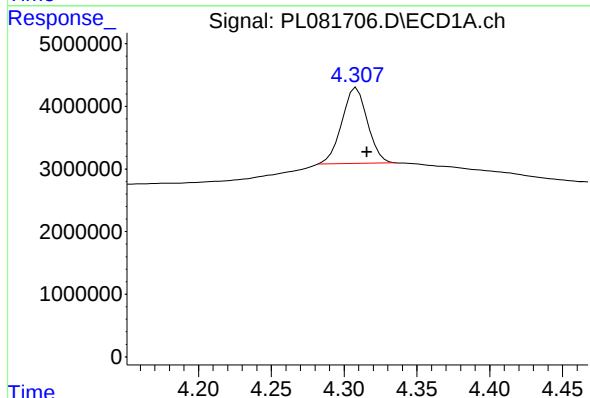
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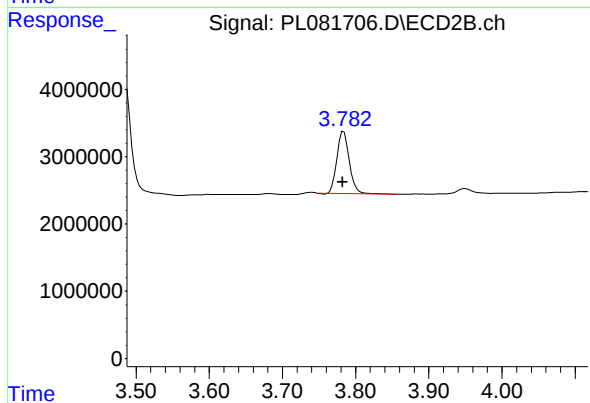
#3 gamma-BHC (Lindane)

R.T.: 3.485 min
Delta R.T.: 0.002 min
Response: 22298662
Conc: 8.01 ng/ml



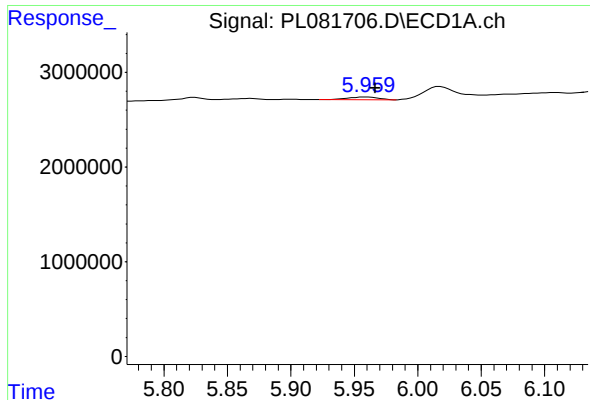
#6 beta-BHC

R.T.: 4.307 min
Delta R.T.: -0.008 min
Response: 14812364
Conc: 9.84 ng/ml m



#6 beta-BHC

R.T.: 3.784 min
Delta R.T.: 0.001 min
Response: 10872913
Conc: 9.13 ng/ml



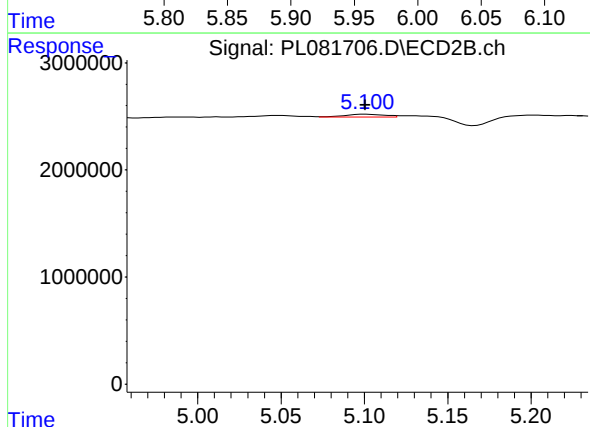
#12 4,4'-DDE

R.T.: 5.960 min
Delta R.T.: -0.007 min
Response: 492555
Conc: 0.22 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

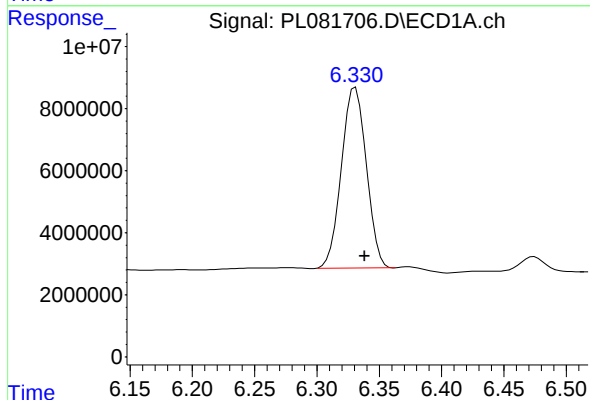
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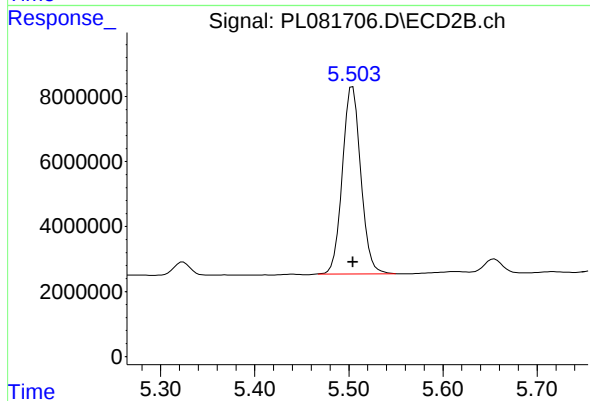
#12 4,4'-DDE

R.T.: 5.100 min
Delta R.T.: 0.000 min
Response: 432115
Conc: 0.22 ng/ml



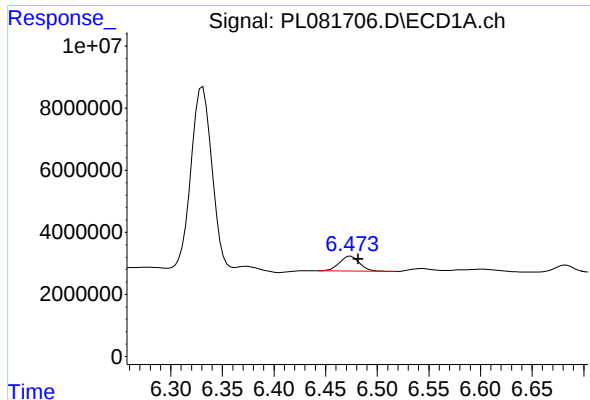
#14 Endrin

R.T.: 6.331 min
Delta R.T.: -0.007 min
Response: 80978634
Conc: 38.28 ng/ml



#14 Endrin

R.T.: 5.504 min
Delta R.T.: 0.000 min
Response: 78374111
Conc: 38.73 ng/ml



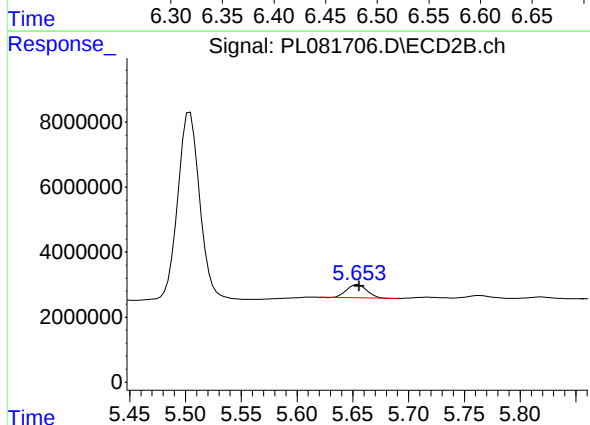
#16 4,4'-DDD

R.T.: 6.474 min
Delta R.T.: -0.007 min
Response: 6517064
Conc: 3.61 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

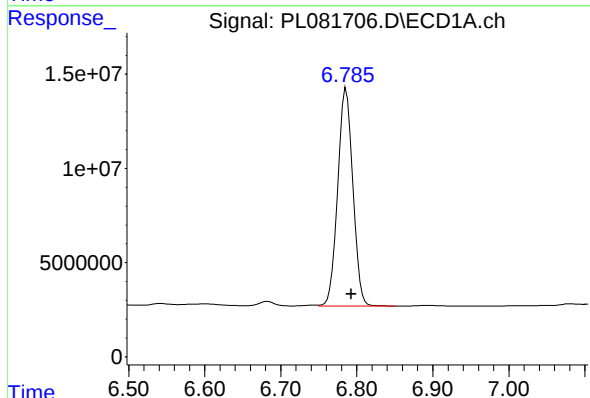
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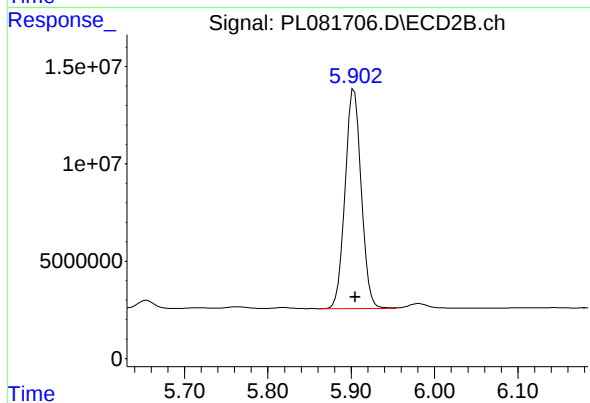
#16 4,4'-DDD

R.T.: 5.655 min
Delta R.T.: -0.001 min
Response: 5145342
Conc: 3.39 ng/ml



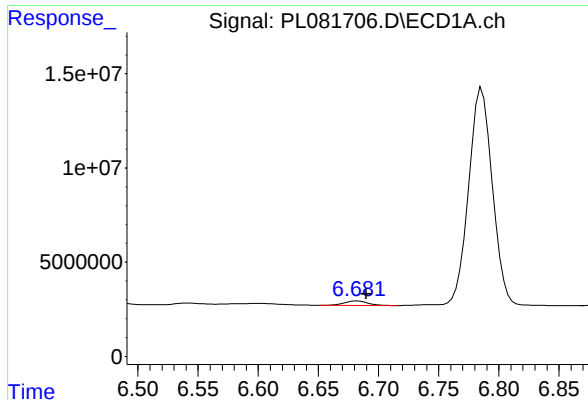
#17 4,4'-DDT

R.T.: 6.786 min
Delta R.T.: -0.007 min
Response: 159246232
Conc: 78.46 ng/ml



#17 4,4'-DDT

R.T.: 5.903 min
Delta R.T.: -0.002 min
Response: 151216508
Conc: 87.75 ng/ml



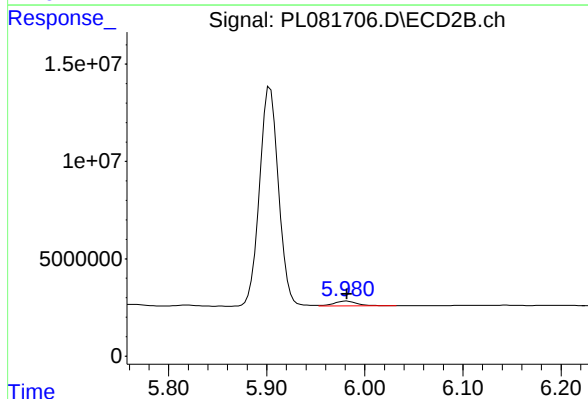
#18 Endrin aldehyde

R.T.: 6.683 min
Delta R.T.: -0.007 min
Response: 3182362
Conc: 1.95 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

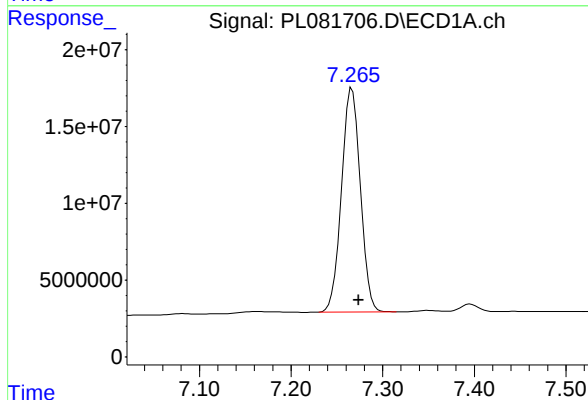
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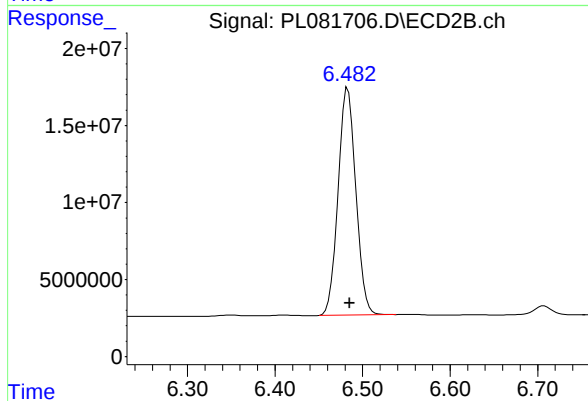
#18 Endrin aldehyde

R.T.: 5.981 min
Delta R.T.: 0.000 min
Response: 3950612
Conc: 2.54 ng/ml



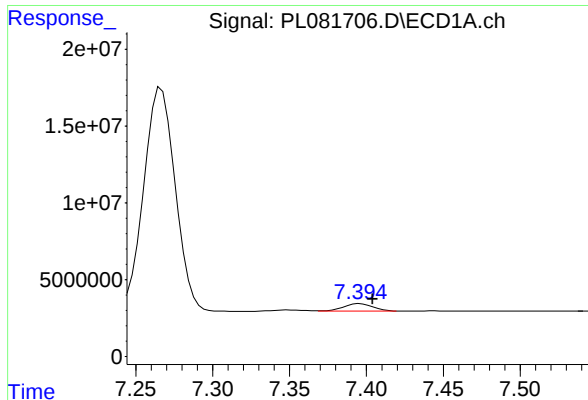
#20 Methoxychlor

R.T.: 7.267 min
Delta R.T.: -0.007 min
Response: 209472206
Conc: 194.52 ng/ml



#20 Methoxychlor

R.T.: 6.483 min
Delta R.T.: -0.002 min
Response: 208357463
Conc: 209.19 ng/ml



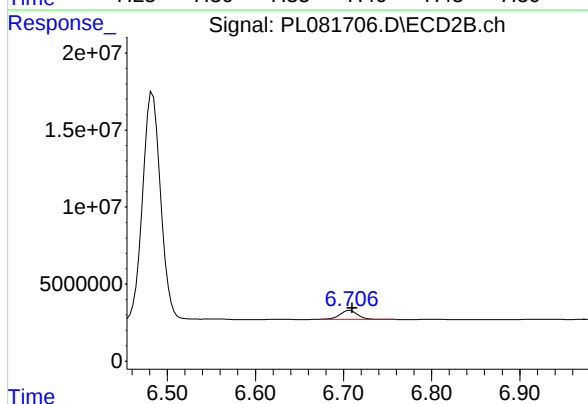
#21 Endrin ketone

R.T.: 7.394 min
Delta R.T.: -0.009 min
Response: 6389171
Conc: 3.05 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

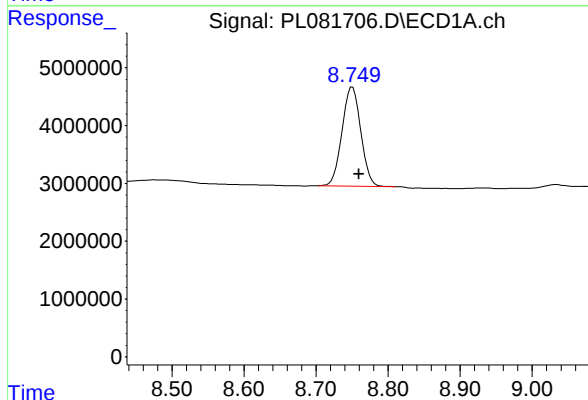
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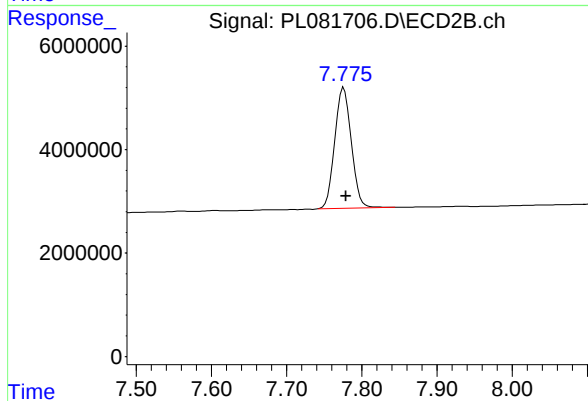
#21 Endrin ketone

R.T.: 6.707 min
Delta R.T.: -0.003 min
Response: 8046294
Conc: 3.77 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.750 min
Delta R.T.: -0.009 min
Response: 30922727
Conc: 17.28 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.776 min
Delta R.T.: -0.003 min
Response: 35849870
Conc: 18.08 ng/ml