

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL051923\
 Data File : PL082826.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 19 May 2023 18:20
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 05/22/2023
 Supervised By : Ankita Jodhani 05/22/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 20 05:02:02 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL051923.M
 Quant Title : GC Extractables
 QLast Update : Sat May 20 04:58:53 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...	3.318	2.638	47432784	42456970	16.139	16.354
28) SA Decachlor...	8.734	7.744	34657498	41167433	16.525	16.556
Target Compounds						
2) A alpha-BHC	3.766	3.134	32516247	26994945	7.325	7.234
3) MA gamma-BHC...	4.095	3.460	31933476	25356924	7.708	7.607
6) B beta-BHC	4.299	3.761	16392858	13244294	8.707	9.261
14) MA Endrin	6.318	5.474	97660572	95711047	36.342	37.727
16) A 4,4'-DDD	6.462	5.624	766381	715108	0.353m	0.372m
17) MA 4,4'-DDT	6.774	5.873	190.4E6	185.1E6	76.070	82.961
18) B Endrin al...	6.670	5.952	2313883	4386445	1.151	2.218 #
20) A Methoxychlor	7.254	6.453	253.4E6	250.7E6	191.634	197.156
21) B Endrin ke...	7.382	6.677	3703535	4499245	1.452m	1.664

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

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Operator : AR\AJ
Sample : PEM
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ALS Vial : 3 Sample Multiplier: 1

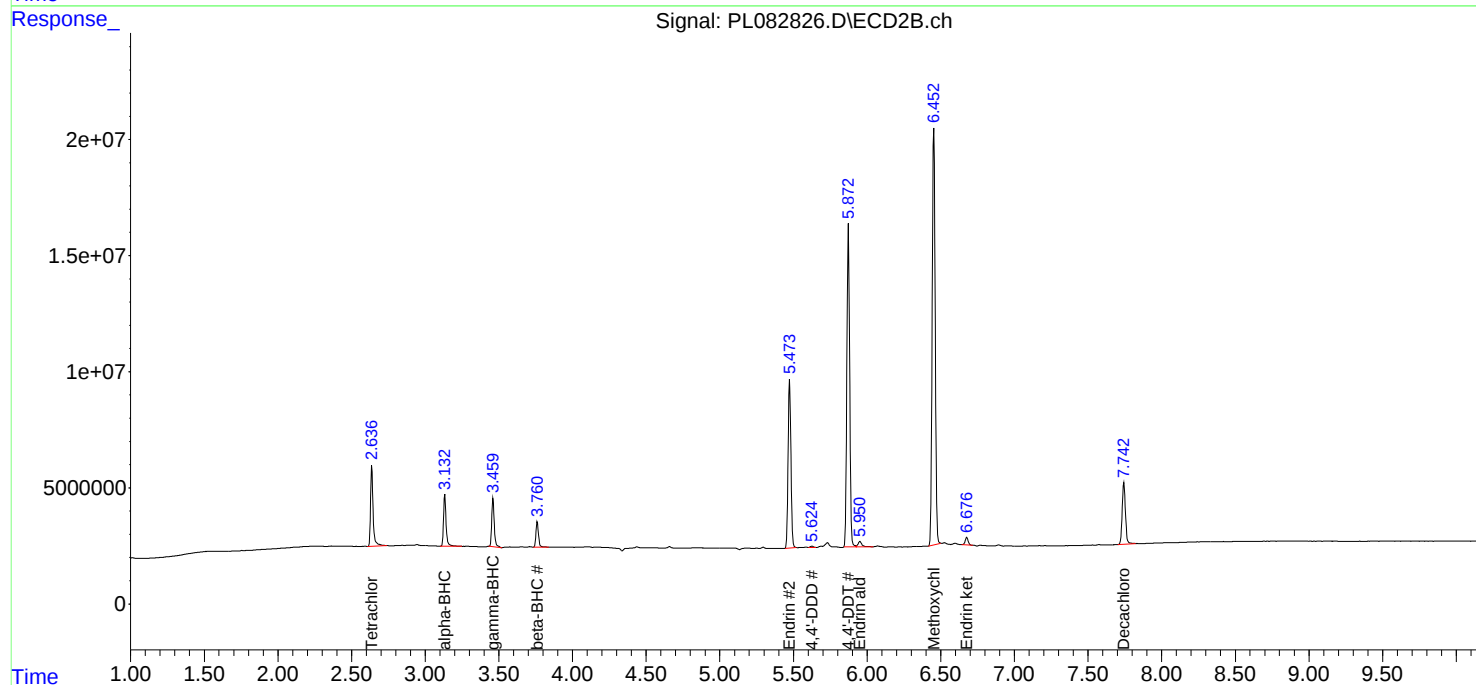
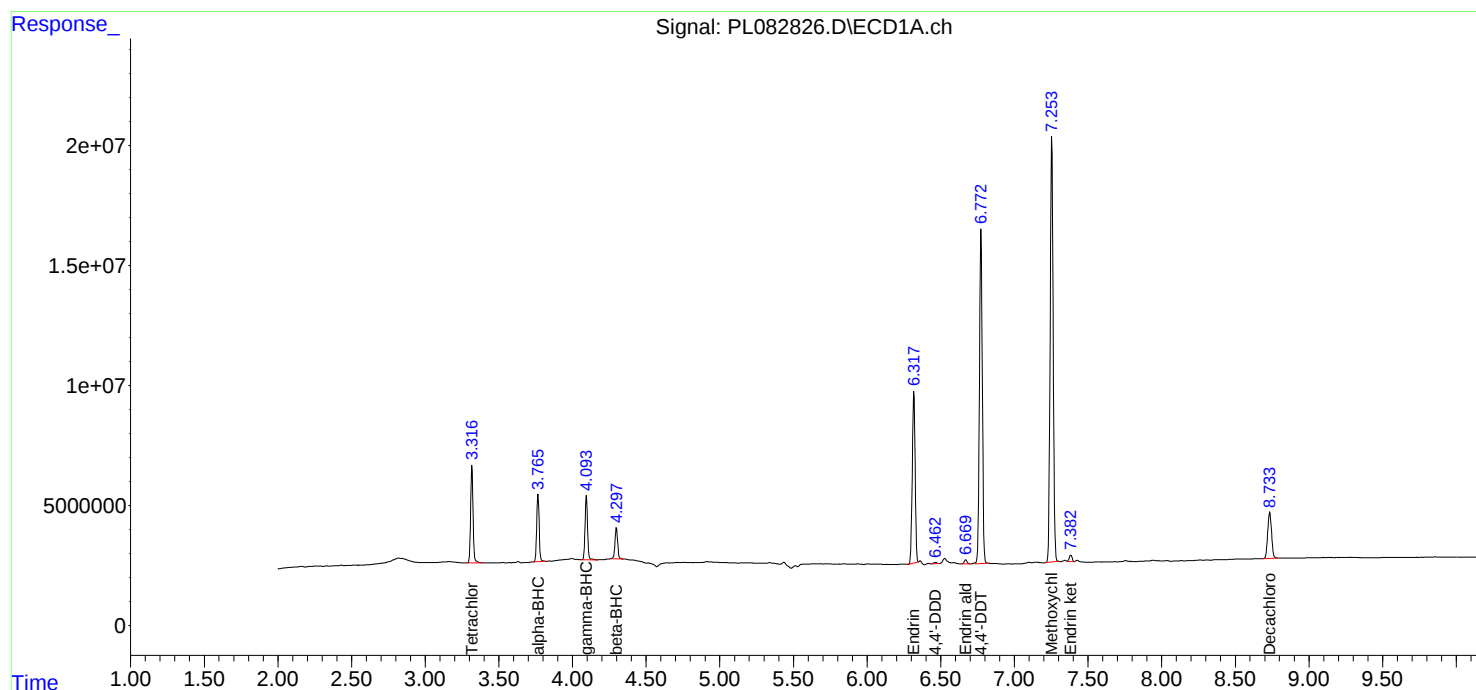
Instrument :
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ClientSampleId :
PEM

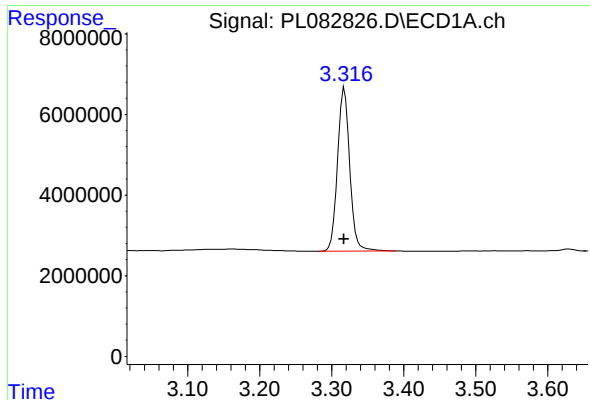
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Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 20 05:02:02 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL051923.M
Quant Title : GC Extractables
QLast Update : Sat May 20 04:58:53 2023
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Volume Inj. : 1 µl
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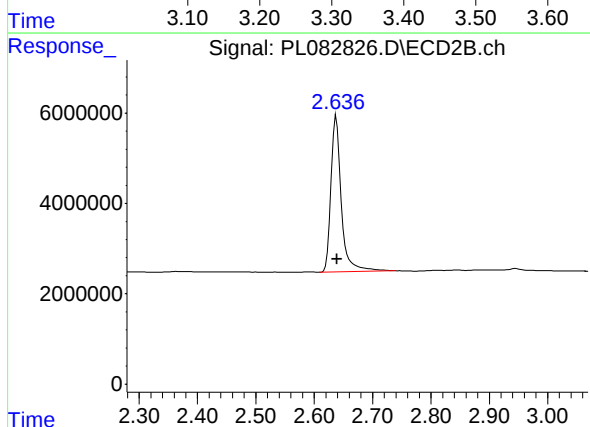
#1 Tetrachloro-m-xylene

R.T.: 3.318 min
Delta R.T.: 0.000 min
Response: 47432784
Conc: 16.14 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

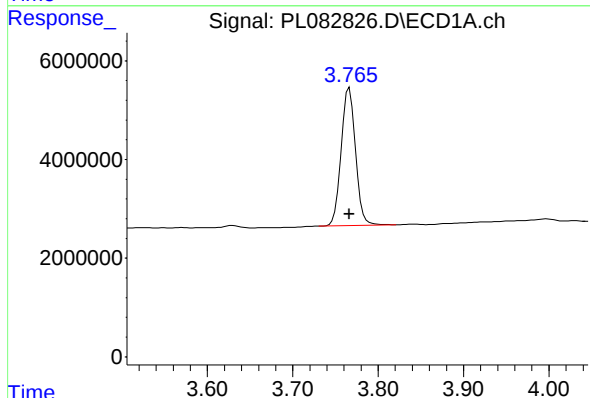
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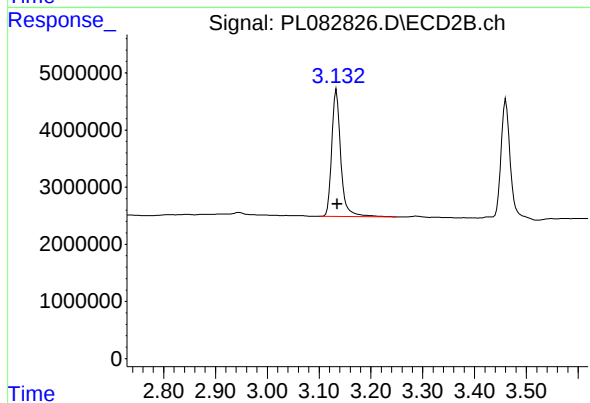
#1 Tetrachloro-m-xylene

R.T.: 2.638 min
Delta R.T.: -0.001 min
Response: 42456970
Conc: 16.35 ng/ml



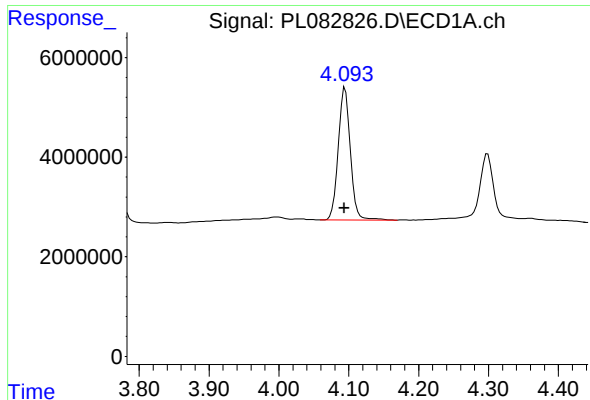
#2 alpha-BHC

R.T.: 3.766 min
Delta R.T.: 0.000 min
Response: 32516247
Conc: 7.32 ng/ml



#2 alpha-BHC

R.T.: 3.134 min
Delta R.T.: -0.002 min
Response: 26994945
Conc: 7.23 ng/ml



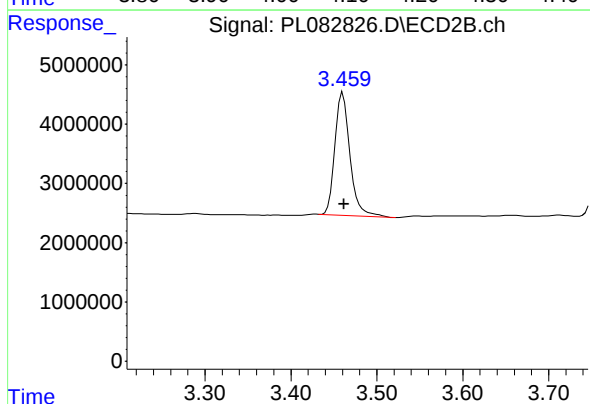
#3 gamma-BHC (Lindane)

R.T.: 4.095 min
Delta R.T.: 0.001 min
Response: 31933476
Conc: 7.71 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

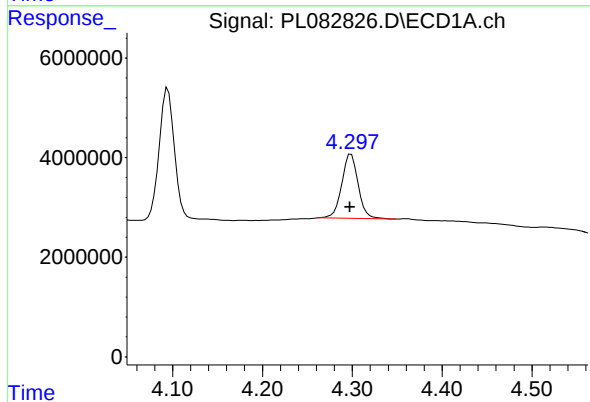
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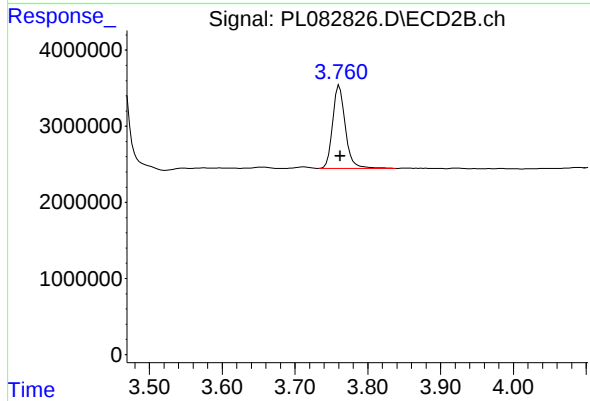
#3 gamma-BHC (Lindane)

R.T.: 3.460 min
Delta R.T.: -0.001 min
Response: 25356924
Conc: 7.61 ng/ml



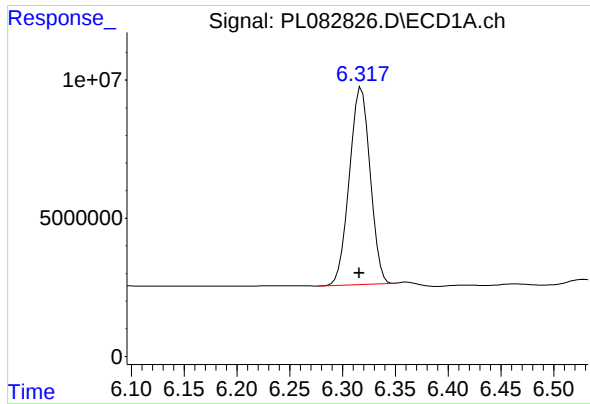
#6 beta-BHC

R.T.: 4.299 min
Delta R.T.: 0.001 min
Response: 16392858
Conc: 8.71 ng/ml



#6 beta-BHC

R.T.: 3.761 min
Delta R.T.: -0.001 min
Response: 13244294
Conc: 9.26 ng/ml



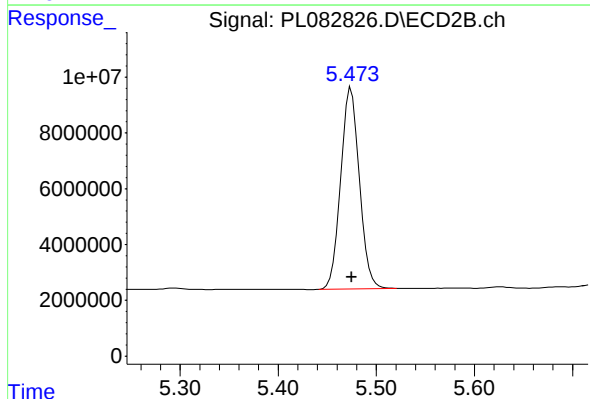
#14 Endrin

R.T.: 6.318 min
Delta R.T.: 0.002 min
Response: 97660572
Conc: 36.34 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

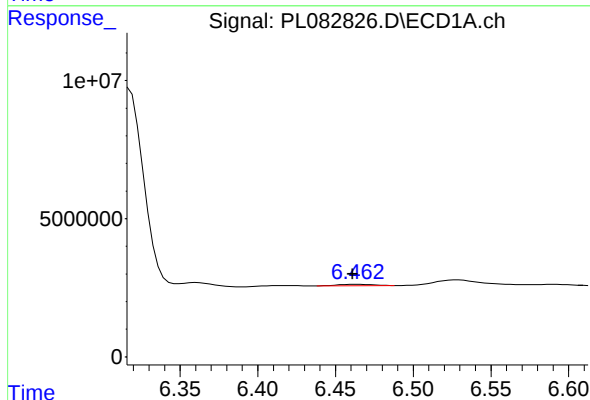
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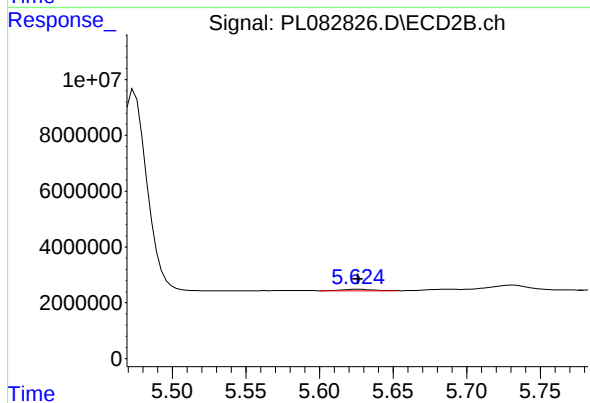
#14 Endrin

R.T.: 5.474 min
Delta R.T.: 0.000 min
Response: 95711047
Conc: 37.73 ng/ml



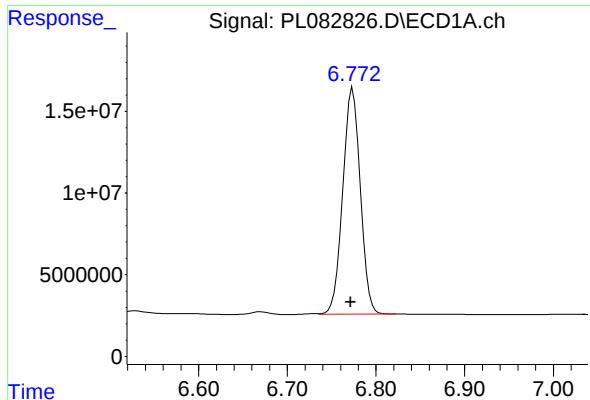
#16 4,4'-DDD

R.T.: 6.462 min
Delta R.T.: 0.002 min
Response: 766381
Conc: 0.35 ng/ml m



#16 4,4'-DDD

R.T.: 5.624 min
Delta R.T.: -0.002 min
Response: 715108
Conc: 0.37 ng/ml m



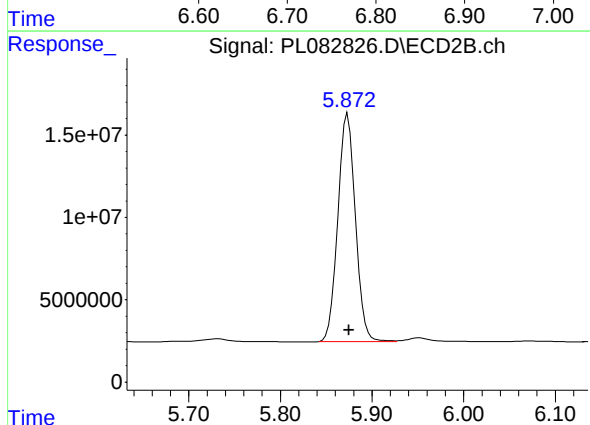
#17 4,4'-DDT

R.T.: 6.774 min
Delta R.T.: 0.002 min
Response: 190415652
Conc: 76.07 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

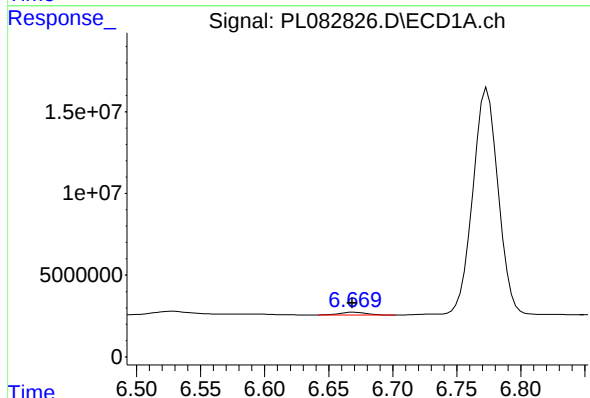
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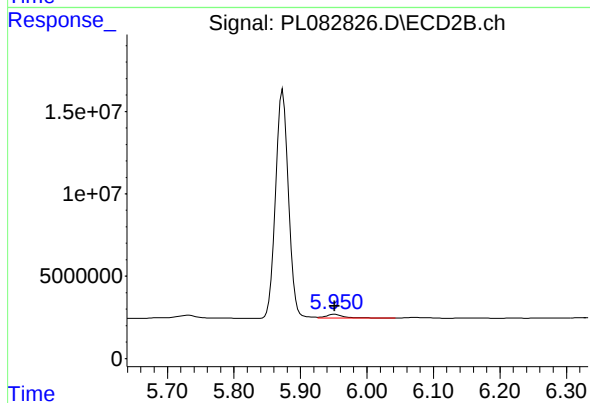
#17 4,4'-DDT

R.T.: 5.873 min
Delta R.T.: -0.001 min
Response: 185088094
Conc: 82.96 ng/ml



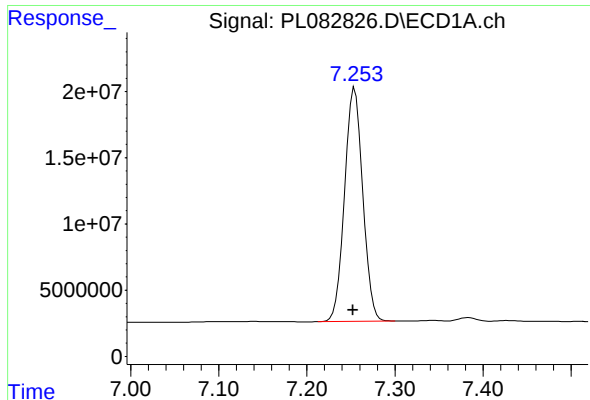
#18 Endrin aldehyde

R.T.: 6.670 min
Delta R.T.: 0.001 min
Response: 2313883
Conc: 1.15 ng/ml



#18 Endrin aldehyde

R.T.: 5.952 min
Delta R.T.: 0.000 min
Response: 4386445
Conc: 2.22 ng/ml



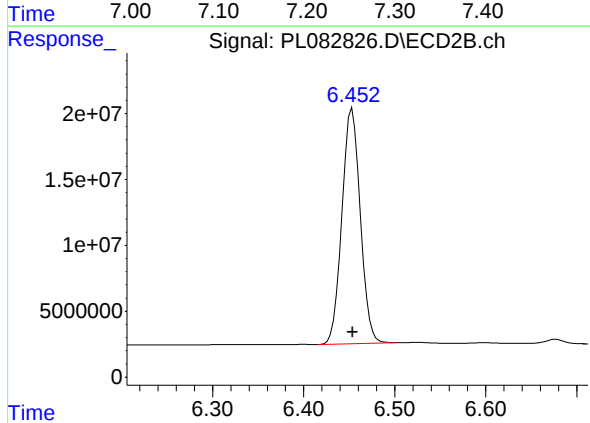
#20 Methoxychlor

R.T.: 7.254 min
Delta R.T.: 0.002 min
Response: 253413158
Conc: 191.63 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

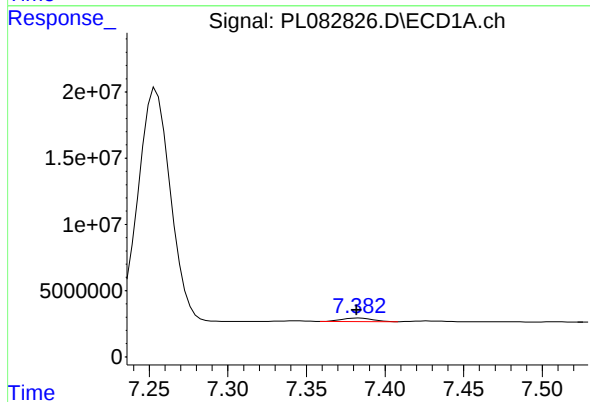
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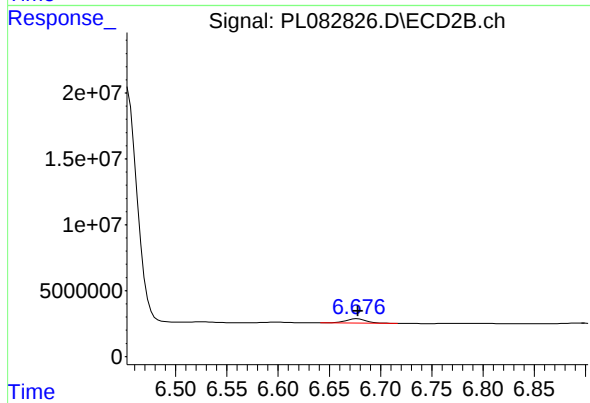
#20 Methoxychlor

R.T.: 6.453 min
Delta R.T.: 0.000 min
Response: 250732201
Conc: 197.16 ng/ml



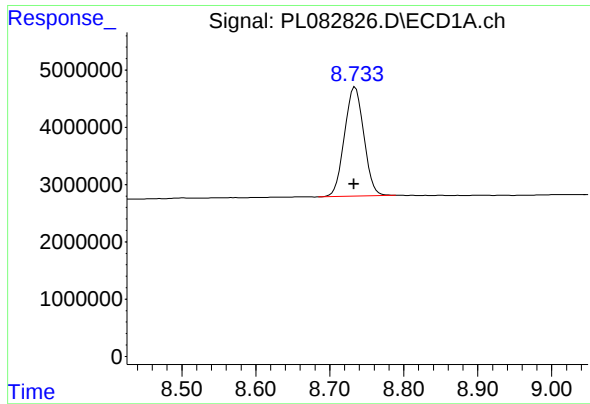
#21 Endrin ketone

R.T.: 7.382 min
Delta R.T.: 0.000 min
Response: 3703535
Conc: 1.45 ng/ml m



#21 Endrin ketone

R.T.: 6.677 min
Delta R.T.: -0.001 min
Response: 4499245
Conc: 1.66 ng/ml



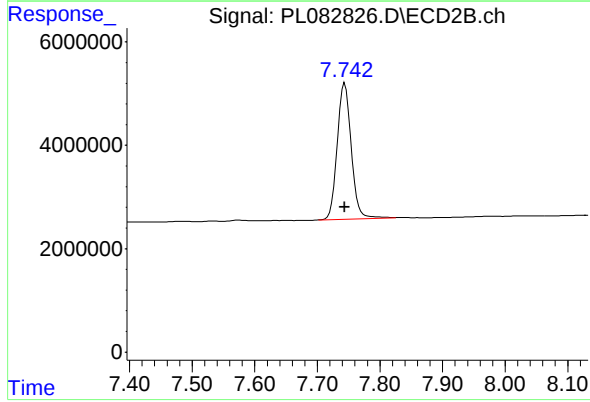
#28 Decachlorobiphenyl

R.T.: 8.734 min
Delta R.T.: 0.002 min
Response: 34657498
Conc: 16.52 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

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#28 Decachlorobiphenyl

R.T.: 7.744 min
Delta R.T.: 0.000 min
Response: 41167433
Conc: 16.56 ng/ml