

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL051923\
 Data File : PL082805.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 19 May 2023 12:48
 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 05:01:15 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	2.639	46641571	40383680	15.870	15.556
28) SA Decachlor...	8.733	7.744	34288657	40234770	16.349	16.181
Target Compounds						
2) A alpha-BHC	3.766	3.135	31195642	26117700	7.027	6.999
3) MA gamma-BHC...	4.095	3.462	30960359	23070361	7.473	6.921
6) B beta-BHC	4.298	3.762	15563763	12442431	8.267	8.700
14) MA Endrin	6.317	5.475	95263035	90439646	35.450	35.649
16) A 4,4'-DDD	6.464	5.627	547068	336426	0.252m	0.175m#
17) MA 4,4'-DDT	6.773	5.874	190.1E6	178.6E6	75.950	80.044
18) B Endrin al...	6.669	5.954	2348145	4848993	1.168	2.452 #
20) A Methoxychlor	7.253	6.453	250.7E6	244.8E6	189.596	192.519
21) B Endrin ke...	7.382	6.678	2573883	3949292	1.009	1.461 #

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

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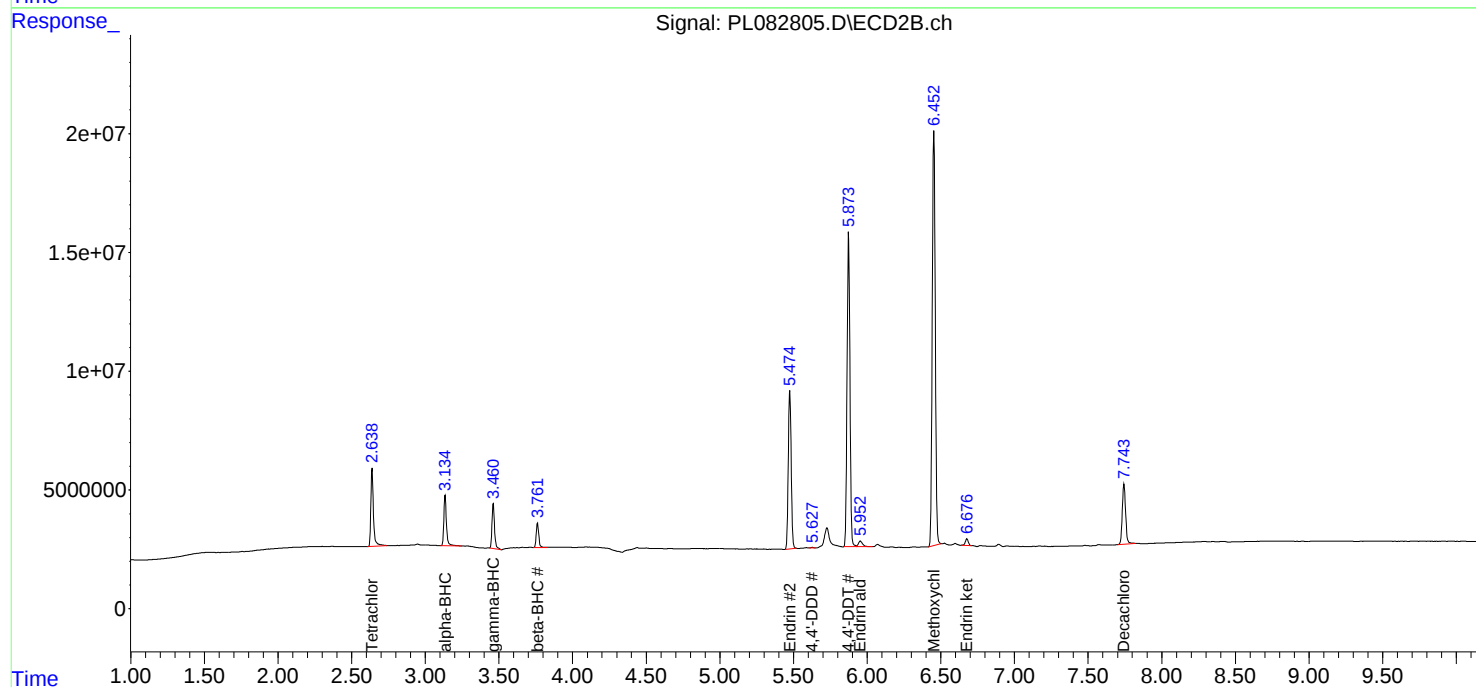
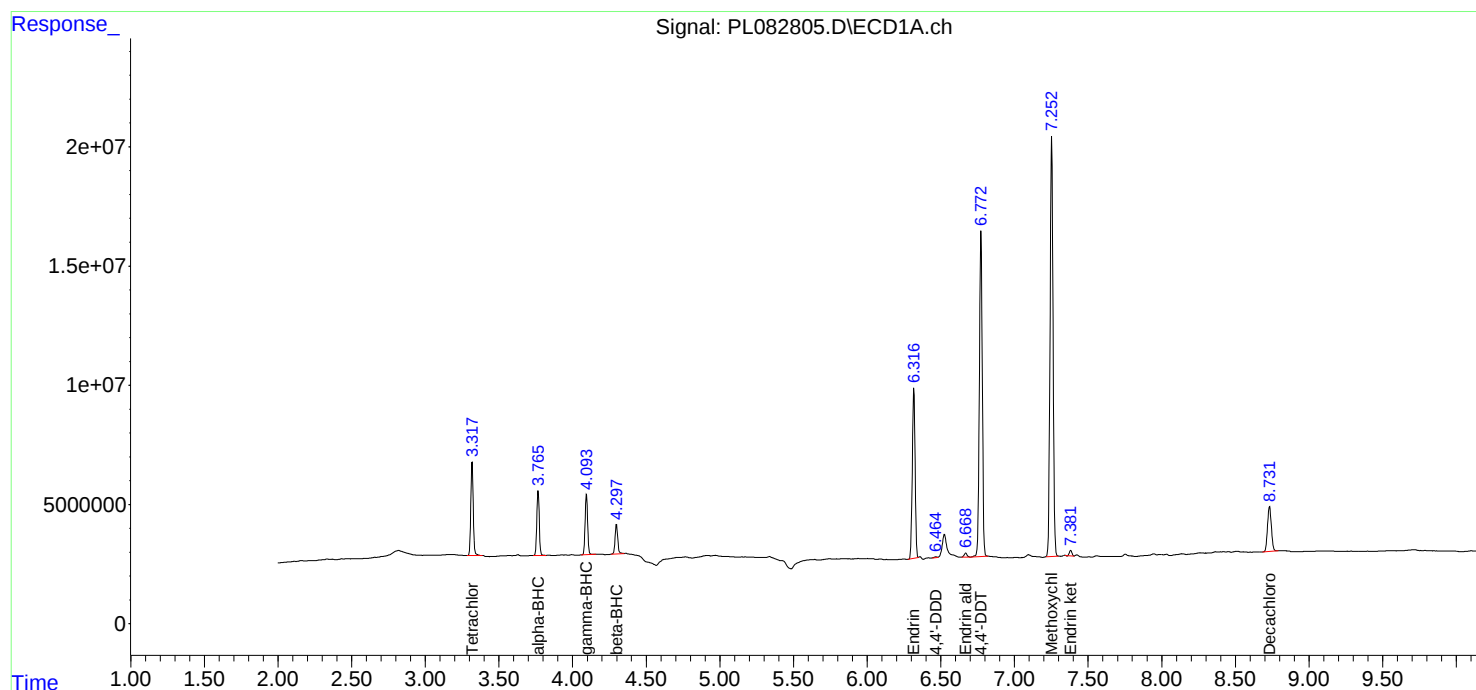
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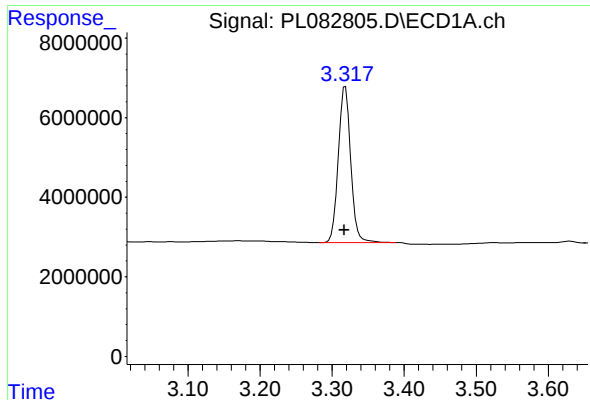
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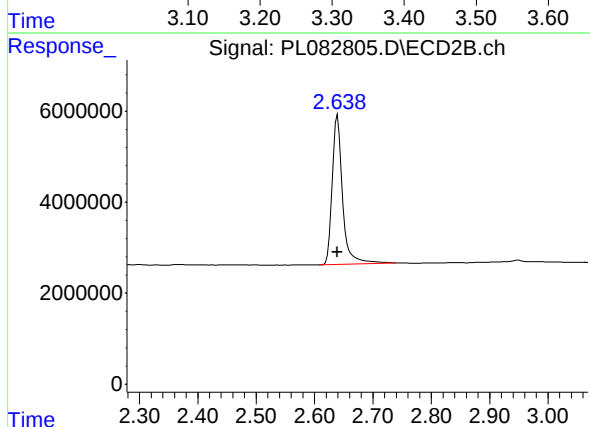
#1 Tetrachloro-m-xylene

R.T.: 3.318 min
Delta R.T.: 0.001 min
Response: 46641571
Conc: 15.87 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

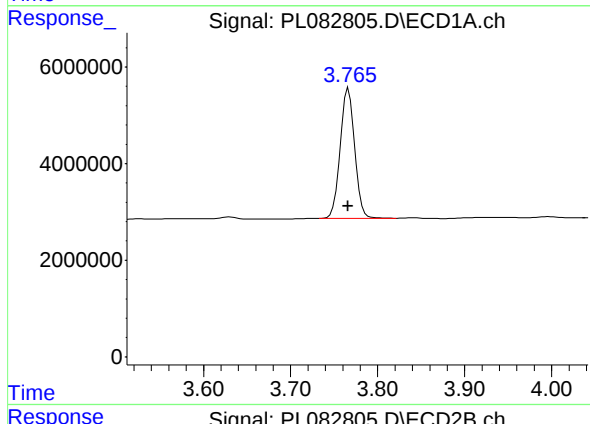
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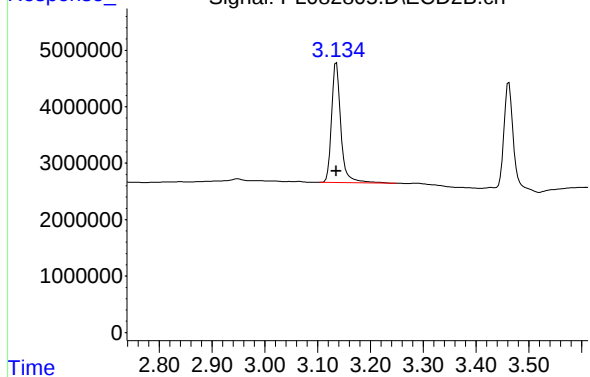
#1 Tetrachloro-m-xylene

R.T.: 2.639 min
Delta R.T.: 0.000 min
Response: 40383680
Conc: 15.56 ng/ml



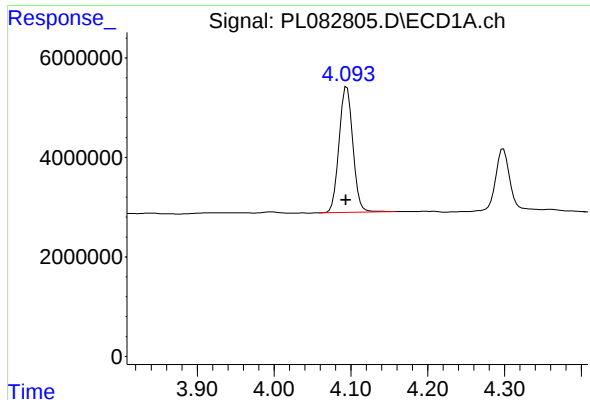
#2 alpha-BHC

R.T.: 3.766 min
Delta R.T.: 0.000 min
Response: 31195642
Conc: 7.03 ng/ml



#2 alpha-BHC

R.T.: 3.135 min
Delta R.T.: 0.000 min
Response: 26117700
Conc: 7.00 ng/ml



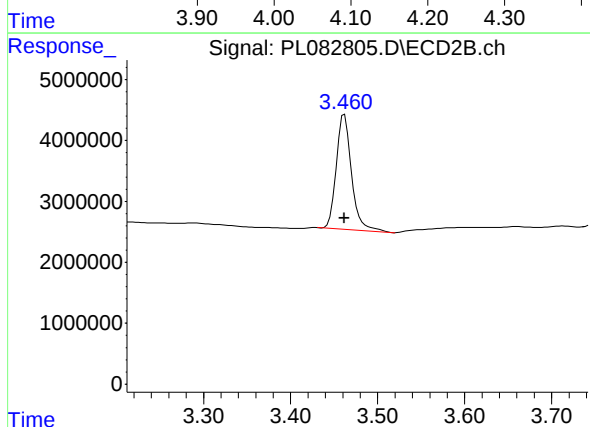
#3 gamma-BHC (Lindane)

R.T.: 4.095 min
Delta R.T.: 0.001 min
Response: 30960359
Conc: 7.47 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

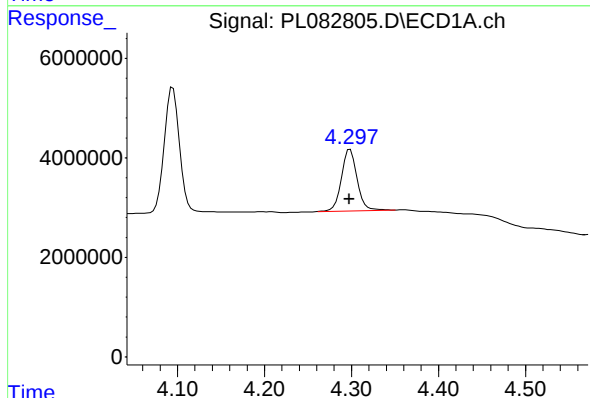
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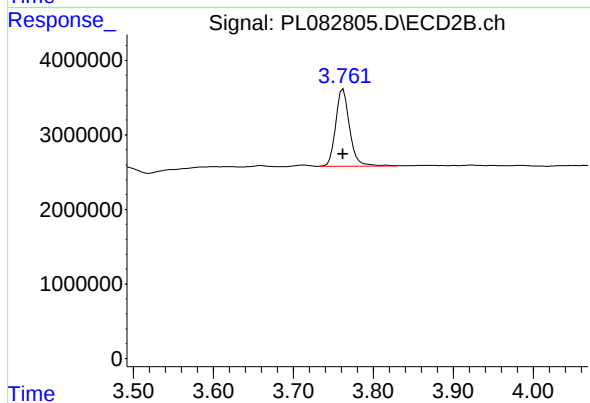
#3 gamma-BHC (Lindane)

R.T.: 3.462 min
Delta R.T.: 0.000 min
Response: 23070361
Conc: 6.92 ng/ml



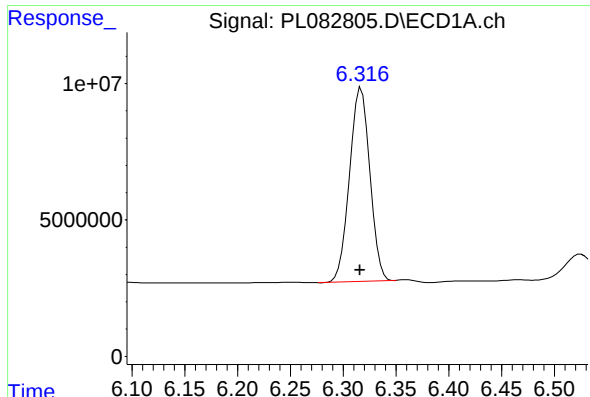
#6 beta-BHC

R.T.: 4.298 min
Delta R.T.: 0.000 min
Response: 15563763
Conc: 8.27 ng/ml



#6 beta-BHC

R.T.: 3.762 min
Delta R.T.: 0.000 min
Response: 12442431
Conc: 8.70 ng/ml



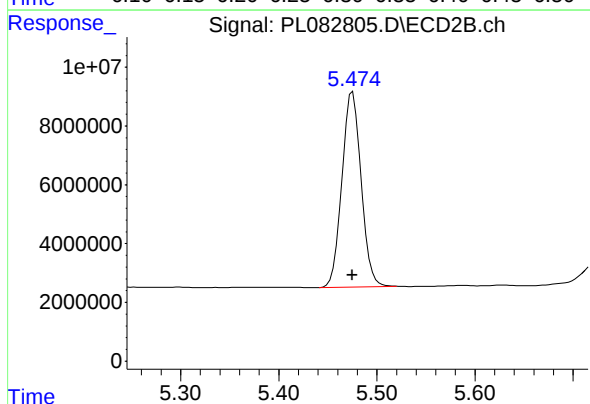
#14 Endrin

R.T.: 6.317 min
Delta R.T.: 0.001 min
Response: 95263035
Conc: 35.45 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

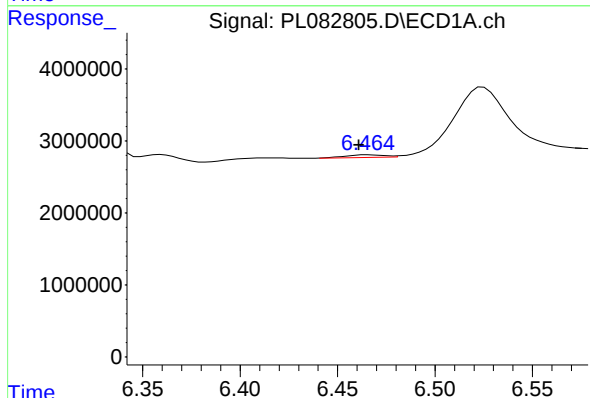
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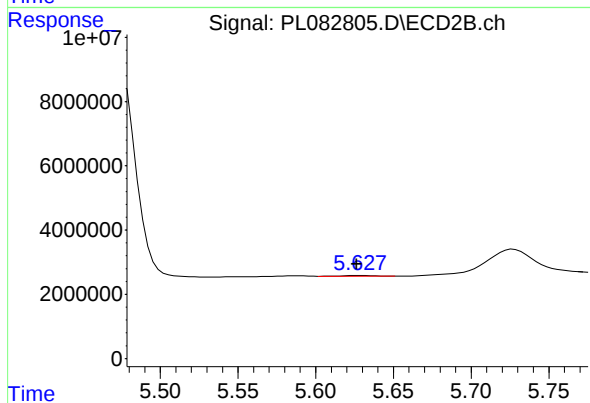
#14 Endrin

R.T.: 5.475 min
Delta R.T.: 0.000 min
Response: 90439646
Conc: 35.65 ng/ml



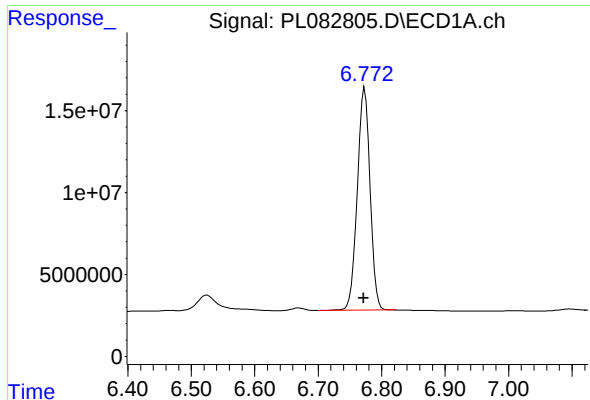
#16 4,4'-DDD

R.T.: 6.464 min
Delta R.T.: 0.003 min
Response: 547068
Conc: 0.25 ng/ml m



#16 4,4'-DDD

R.T.: 5.627 min
Delta R.T.: 0.000 min
Response: 336426
Conc: 0.17 ng/ml m



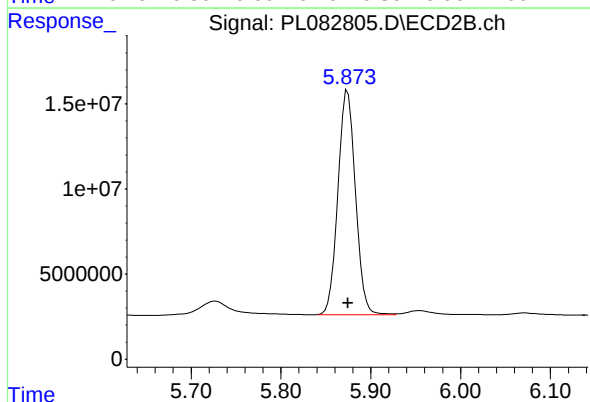
#17 4,4'-DDT

R.T.: 6.773 min
Delta R.T.: 0.002 min
Response: 190115938
Conc: 75.95 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

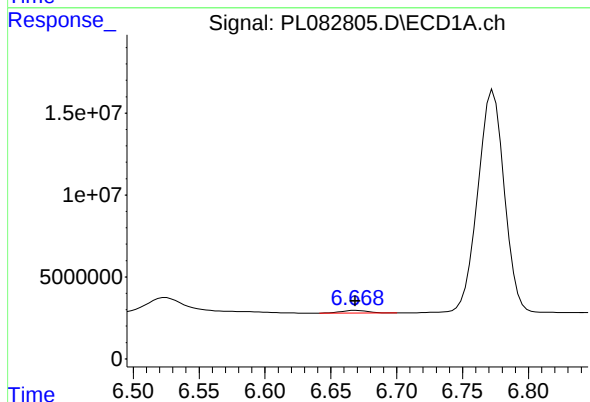
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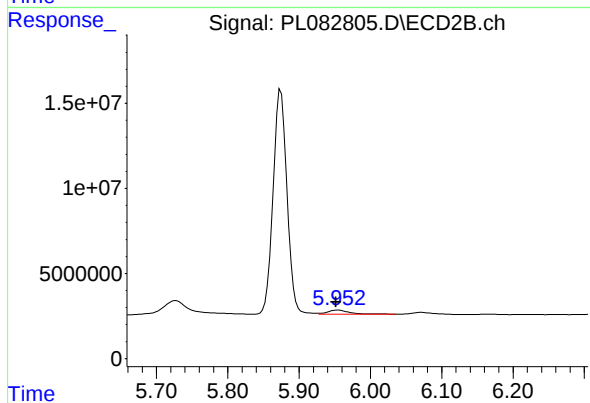
#17 4,4'-DDT

R.T.: 5.874 min
Delta R.T.: 0.000 min
Response: 178580186
Conc: 80.04 ng/ml



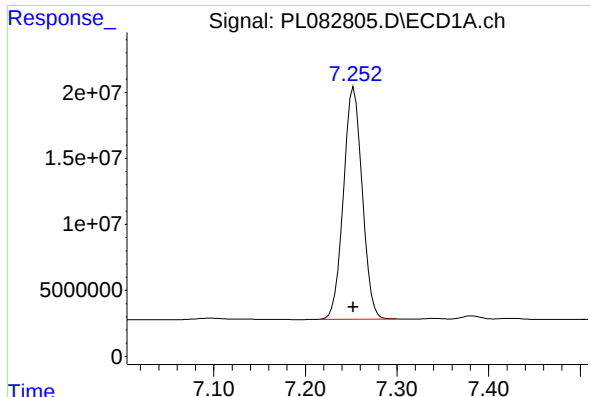
#18 Endrin aldehyde

R.T.: 6.669 min
Delta R.T.: 0.000 min
Response: 2348145
Conc: 1.17 ng/ml



#18 Endrin aldehyde

R.T.: 5.954 min
Delta R.T.: 0.002 min
Response: 4848993
Conc: 2.45 ng/ml



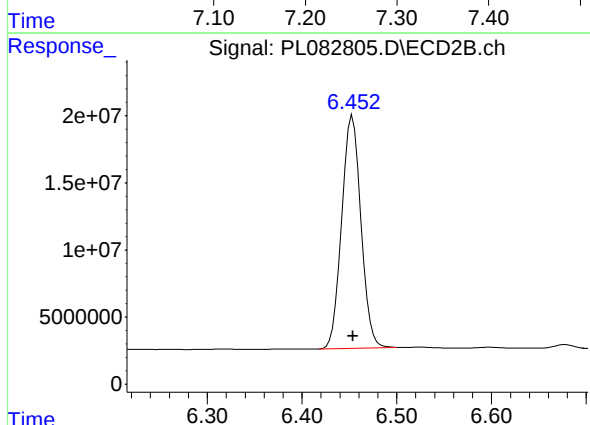
#20 Methoxychlor

R.T.: 7.253 min
Delta R.T.: 0.000 min
Response: 250718410
Conc: 189.60 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

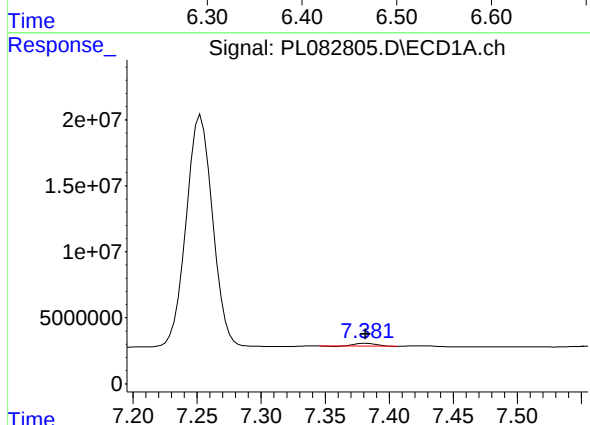
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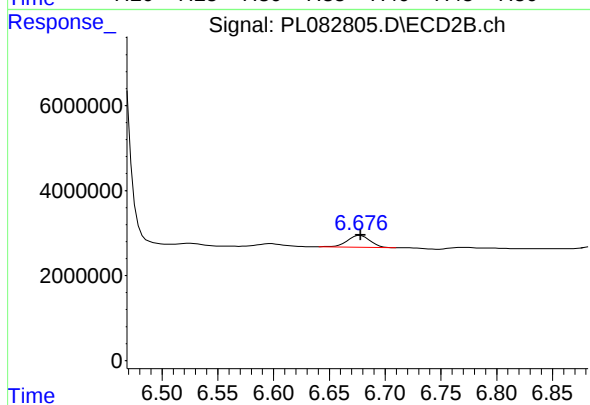
#20 Methoxychlor

R.T.: 6.453 min
Delta R.T.: 0.000 min
Response: 244835715
Conc: 192.52 ng/ml



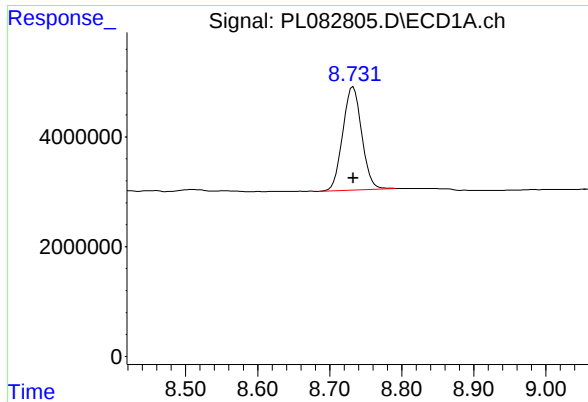
#21 Endrin ketone

R.T.: 7.382 min
Delta R.T.: 0.000 min
Response: 2573883
Conc: 1.01 ng/ml



#21 Endrin ketone

R.T.: 6.678 min
Delta R.T.: 0.000 min
Response: 3949292
Conc: 1.46 ng/ml



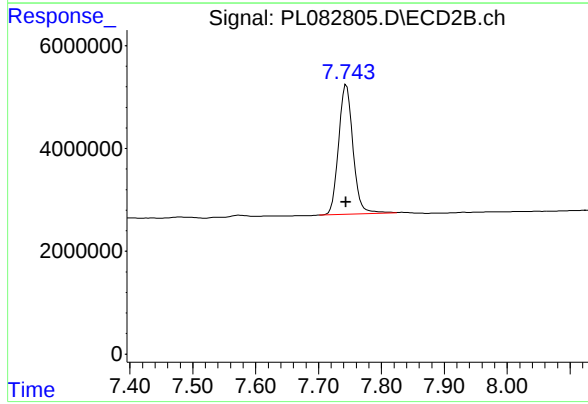
#28 Decachlorobiphenyl

R.T.: 8.733 min
Delta R.T.: 0.000 min
Response: 34288657
Conc: 16.35 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: 40234770
Conc: 16.18 ng/ml