

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL041523\
 Data File : PL082081.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 13 Apr 2023 20:49
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 04/14/2023
 Supervised By : Ankita Jodhani 04/14/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 13 23:00:14 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...	3.326	2.653	42205036	40843552	18.146	20.461
28)	SA Decachlor...	8.747	7.766	31017743	37864146	17.332	19.092m
Target Compounds							
2)	A alpha-BHC	3.775	3.151	28782360	26385175	8.395	9.052
3)	MA gamma-BHC...	4.103	3.478	26874392	25522700	8.459	9.167
6)	B beta-BHC	4.305	3.778	15435296	13337588	10.255m	11.199
12)	B 4,4'-DDE	5.953	5.089	354395	243191	0.157	0.123m
14)	MA Endrin	6.328	5.496	80212466	90135697	37.921	44.540
16)	A 4,4'-DDD	6.471	5.646	6863762	6703367	3.806	4.417
17)	MA 4,4'-DDT	6.783	5.896	147.5E6	162.2E6	72.669	94.142 #
18)	B Endrin al...	6.680	5.973	2447057	3768016	1.496	2.426 #
20)	A Methoxychlor	7.263	6.474	205.0E6	231.1E6	190.379	232.006m
21)	B Endrin ke...	7.393	6.700	4447801	5781580	2.123	2.705 #

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

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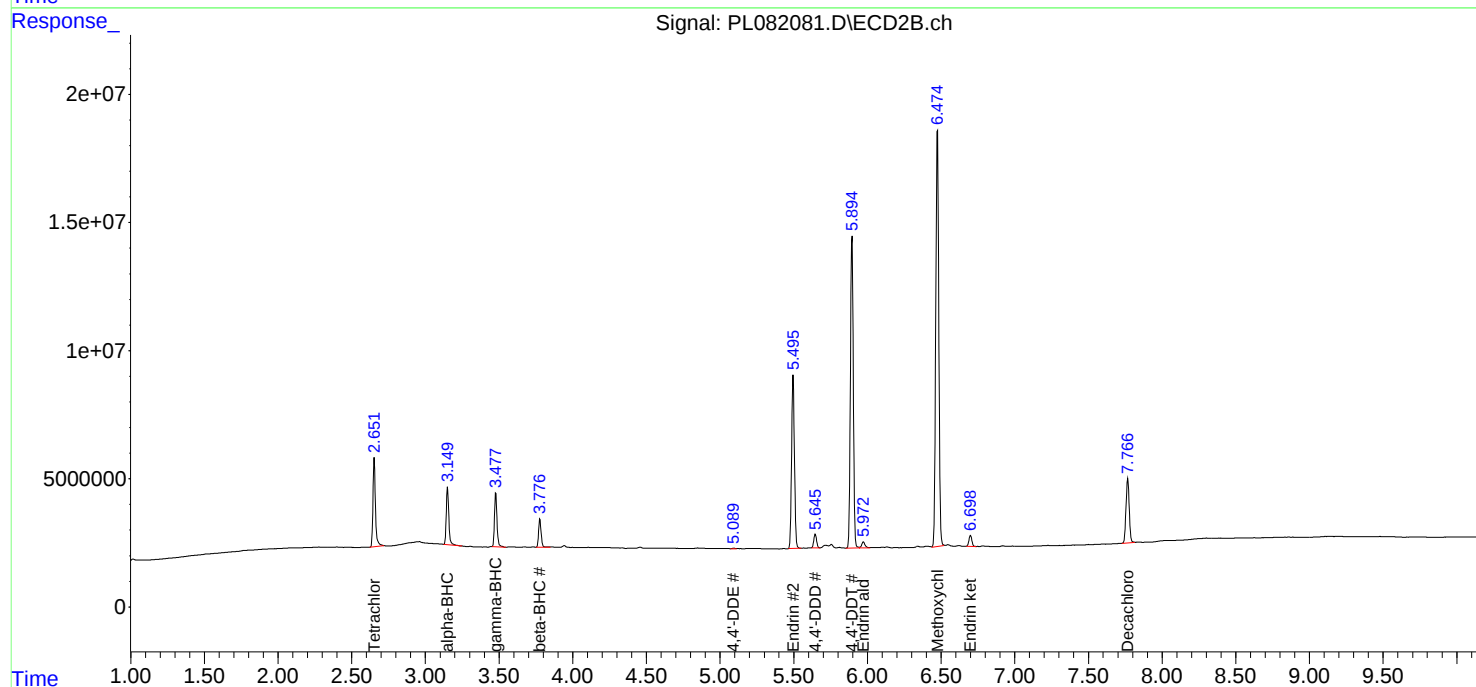
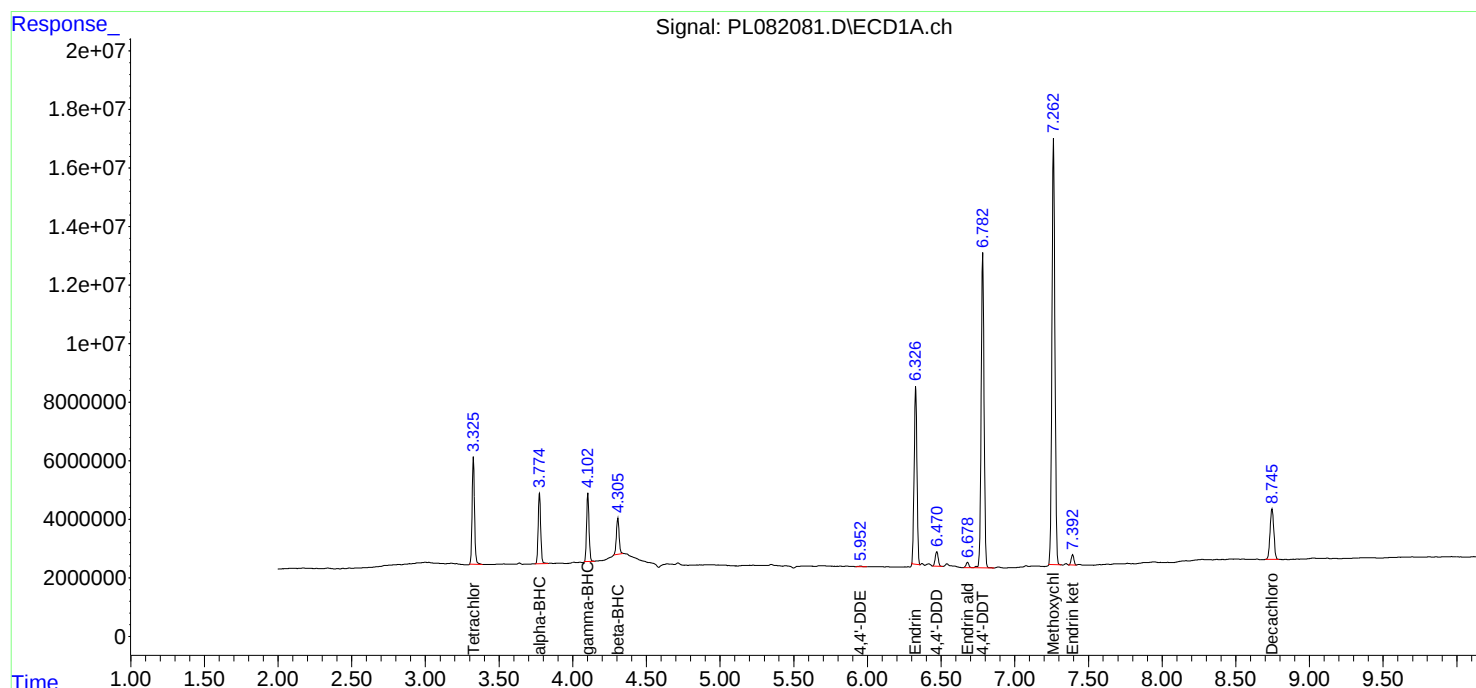
Instrument :
ECD_L
ClientSampleId :
PEM

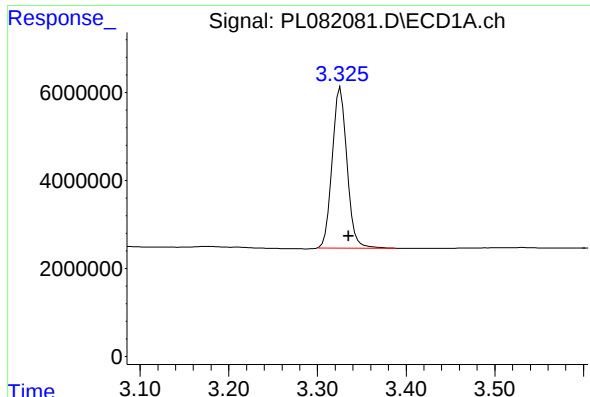
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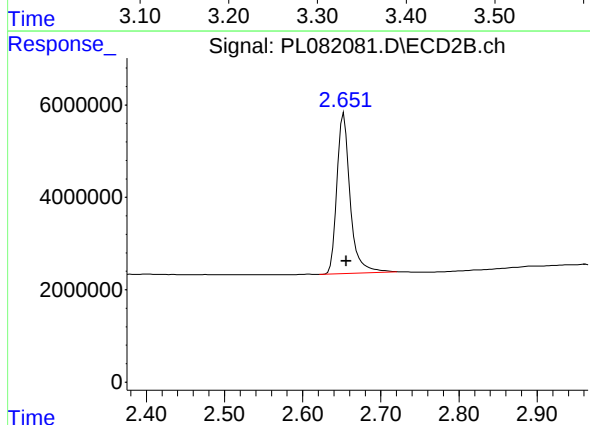
#1 Tetrachloro-m-xylene

R.T.: 3.326 min
Delta R.T.: -0.009 min
Response: 42205036
Conc: 18.15 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

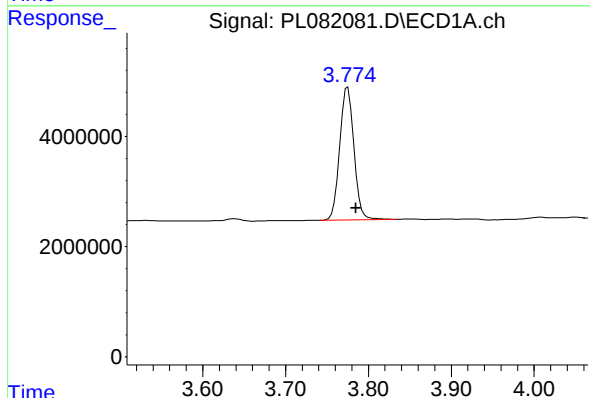
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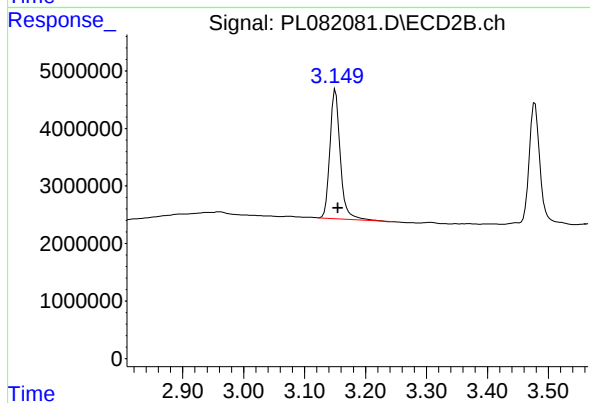
#1 Tetrachloro-m-xylene

R.T.: 2.653 min
Delta R.T.: -0.003 min
Response: 40843552
Conc: 20.46 ng/ml



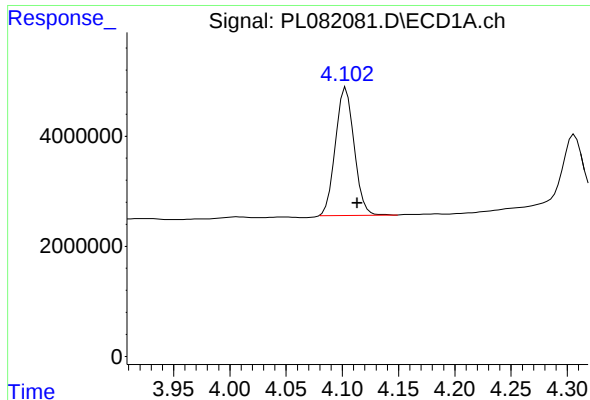
#2 alpha-BHC

R.T.: 3.775 min
Delta R.T.: -0.010 min
Response: 28782360
Conc: 8.40 ng/ml



#2 alpha-BHC

R.T.: 3.151 min
Delta R.T.: -0.004 min
Response: 26385175
Conc: 9.05 ng/ml



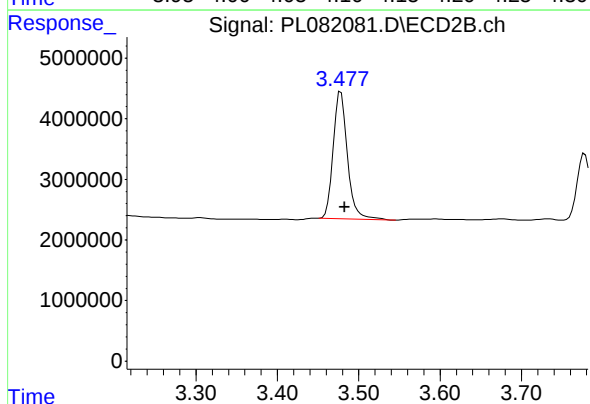
#3 gamma-BHC (Lindane)

R.T.: 4.103 min
Delta R.T.: -0.010 min
Response: 26874392
Conc: 8.46 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

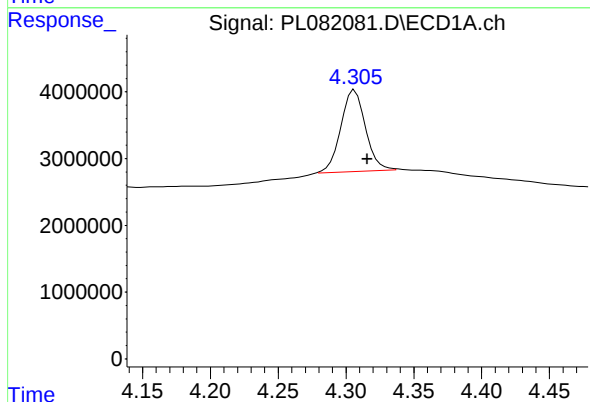
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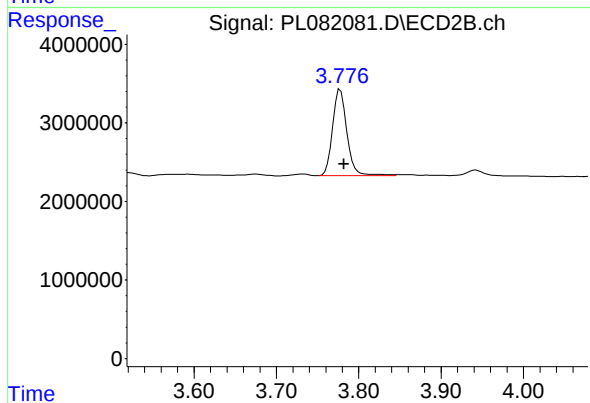
#3 gamma-BHC (Lindane)

R.T.: 3.478 min
Delta R.T.: -0.005 min
Response: 25522700
Conc: 9.17 ng/ml



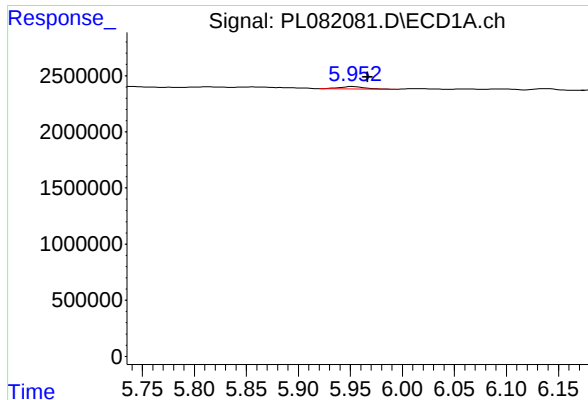
#6 beta-BHC

R.T.: 4.305 min
Delta R.T.: -0.011 min
Response: 15435296
Conc: 10.26 ng/ml m



#6 beta-BHC

R.T.: 3.778 min
Delta R.T.: -0.005 min
Response: 13337588
Conc: 11.20 ng/ml



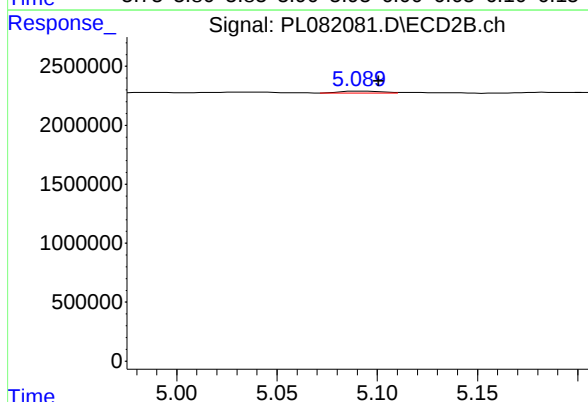
#12 4,4'-DDE

R.T.: 5.953 min
Delta R.T.: -0.014 min
Response: 354395
Conc: 0.16 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

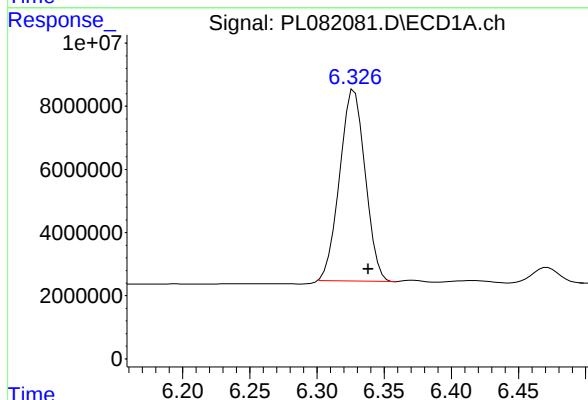
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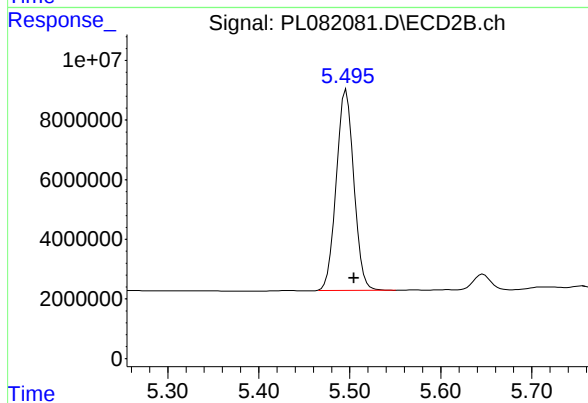
#12 4,4'-DDE

R.T.: 5.089 min
Delta R.T.: -0.011 min
Response: 243191
Conc: 0.12 ng/ml



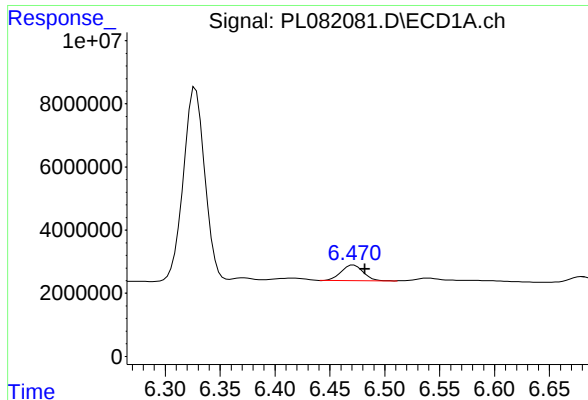
#14 Endrin

R.T.: 6.328 min
Delta R.T.: -0.011 min
Response: 80212466
Conc: 37.92 ng/ml



#14 Endrin

R.T.: 5.496 min
Delta R.T.: -0.009 min
Response: 90135697
Conc: 44.54 ng/ml



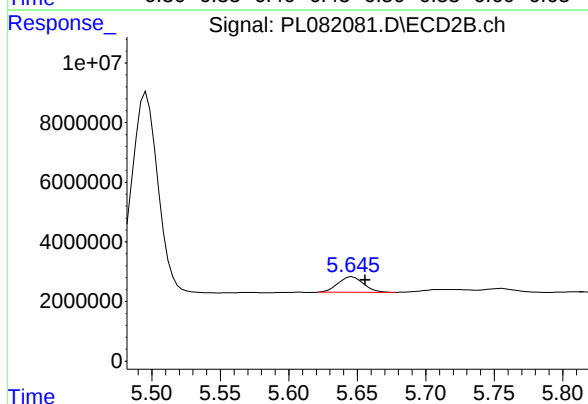
#16 4,4'-DDD

R.T.: 6.471 min
Delta R.T.: -0.010 min
Response: 6863762
Conc: 3.81 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

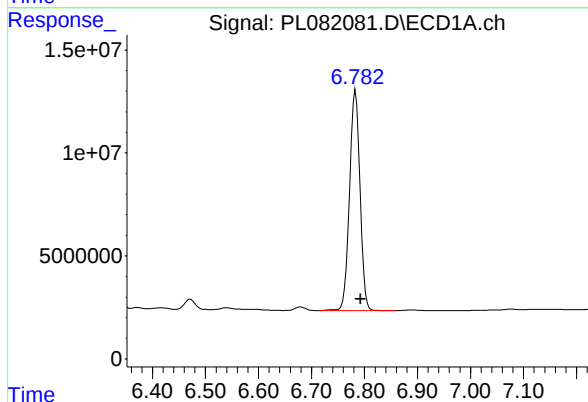
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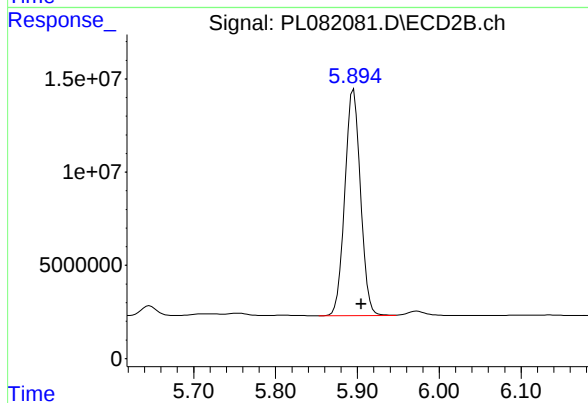
#16 4,4'-DDD

R.T.: 5.646 min
Delta R.T.: -0.009 min
Response: 6703367
Conc: 4.42 ng/ml



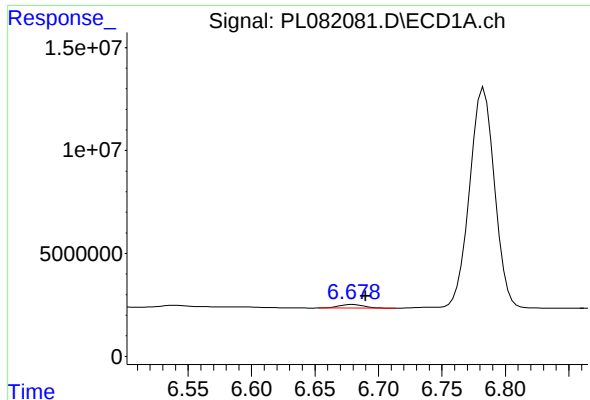
#17 4,4'-DDT

R.T.: 6.783 min
Delta R.T.: -0.010 min
Response: 147491033
Conc: 72.67 ng/ml



#17 4,4'-DDT

R.T.: 5.896 min
Delta R.T.: -0.010 min
Response: 162232096
Conc: 94.14 ng/ml



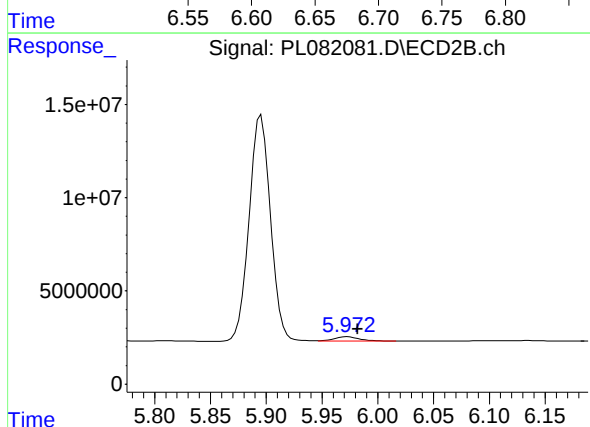
#18 Endrin aldehyde

R.T.: 6.680 min
Delta R.T.: -0.010 min
Response: 2447057
Conc: 1.50 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

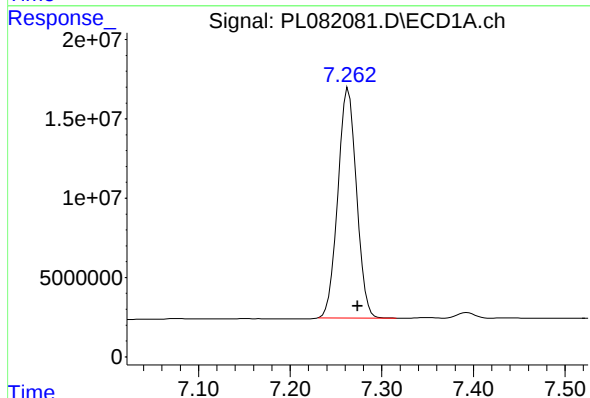
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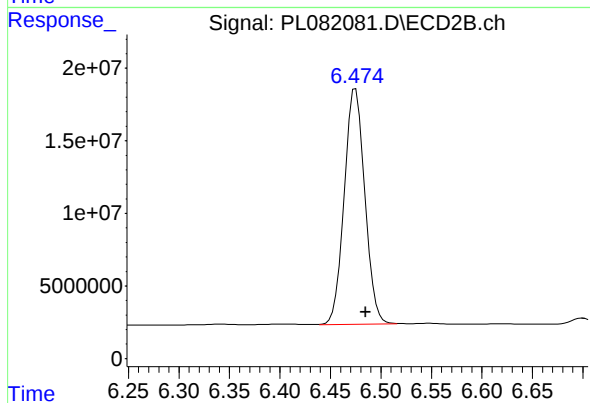
#18 Endrin aldehyde

R.T.: 5.973 min
Delta R.T.: -0.009 min
Response: 3768016
Conc: 2.43 ng/ml



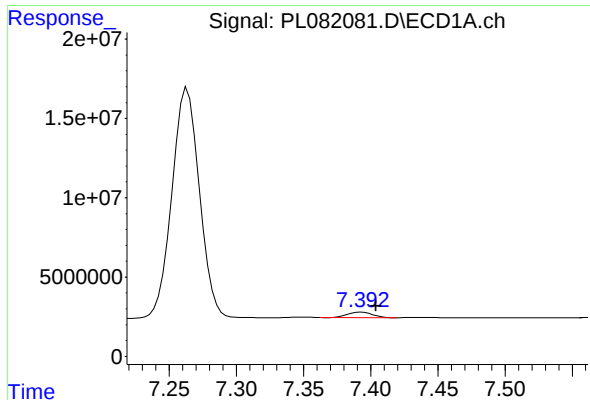
#20 Methoxychlor

R.T.: 7.263 min
Delta R.T.: -0.010 min
Response: 205017369
Conc: 190.38 ng/ml



#20 Methoxychlor

R.T.: 6.474 min
Delta R.T.: -0.012 min
Response: 231086946
Conc: 232.01 ng/ml m



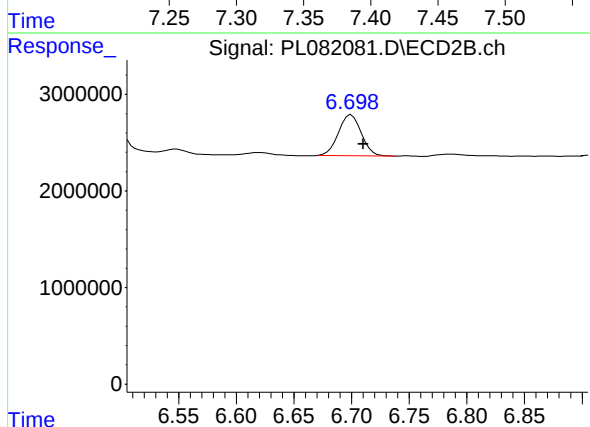
#21 Endrin ketone

R.T.: 7.393 min
Delta R.T.: -0.011 min
Response: 4447801
Conc: 2.12 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

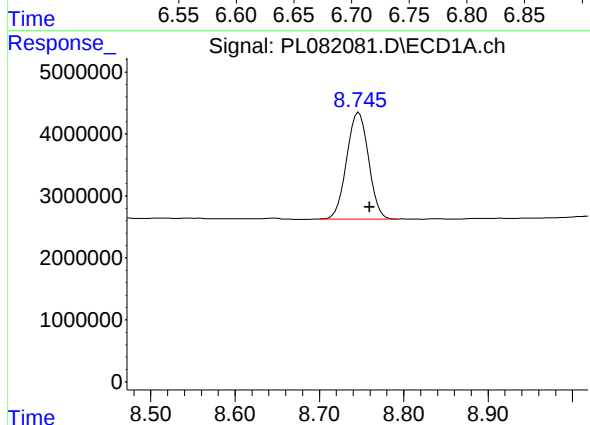
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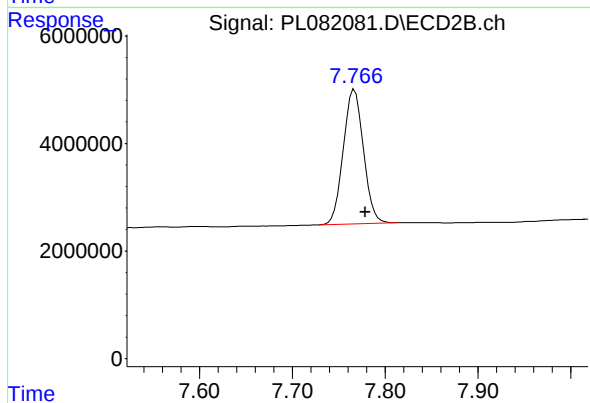
#21 Endrin ketone

R.T.: 6.700 min
Delta R.T.: -0.010 min
Response: 5781580
Conc: 2.71 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.747 min
Delta R.T.: -0.013 min
Response: 31017743
Conc: 17.33 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.766 min
Delta R.T.: -0.013 min
Response: 37864146
Conc: 19.09 ng/ml m