

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL041723\
 Data File : PL082124.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 17 Apr 2023 08:42
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 04/18/2023
 Supervised By :Ankita Jodhani 04/18/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 17 21:40:04 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...	3.328	2.653	49894586	41932352	21.452	21.007
28)	SA Decachlor...	8.752	7.769	33491073	36796513	18.714	18.554
Target Compounds							
2)	A alpha-BHC	3.778	3.151	34120492	27350908	9.952	9.383
3)	MA gamma-BHC...	4.107	3.479	32375430	26235304	10.191	9.423
6)	B beta-BHC	4.310	3.779	16218749	13846342	10.776	11.626
12)	B 4,4'-DDE	5.959	5.093	687696	593377	0.305	0.301
14)	MA Endrin	6.332	5.497	89985866	90124163	42.542	44.534
16)	A 4,4'-DDD	6.476	5.648	17140500	15182103	9.504	10.004
17)	MA 4,4'-DDT	6.787	5.897	153.3E6	156.3E6	75.546	90.691
18)	B Endrin al...	6.684	5.975	2484219	3597921	1.518	2.317 #
20)	A Methoxychlor	7.268	6.475	212.5E6	217.3E6	197.294	218.149m
21)	B Endrin ke...	7.398	6.702	8689274	9618496	4.148	4.501

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

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Acq On : 17 Apr 2023 08:42
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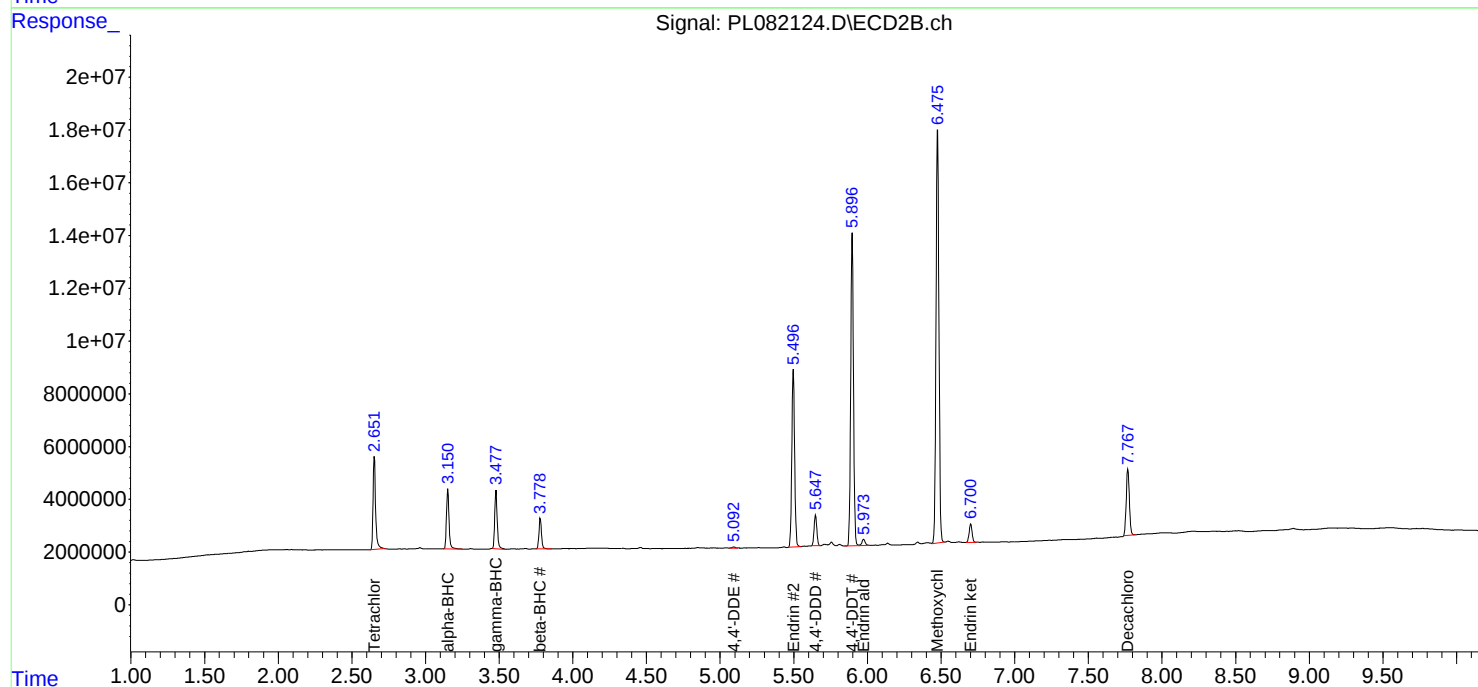
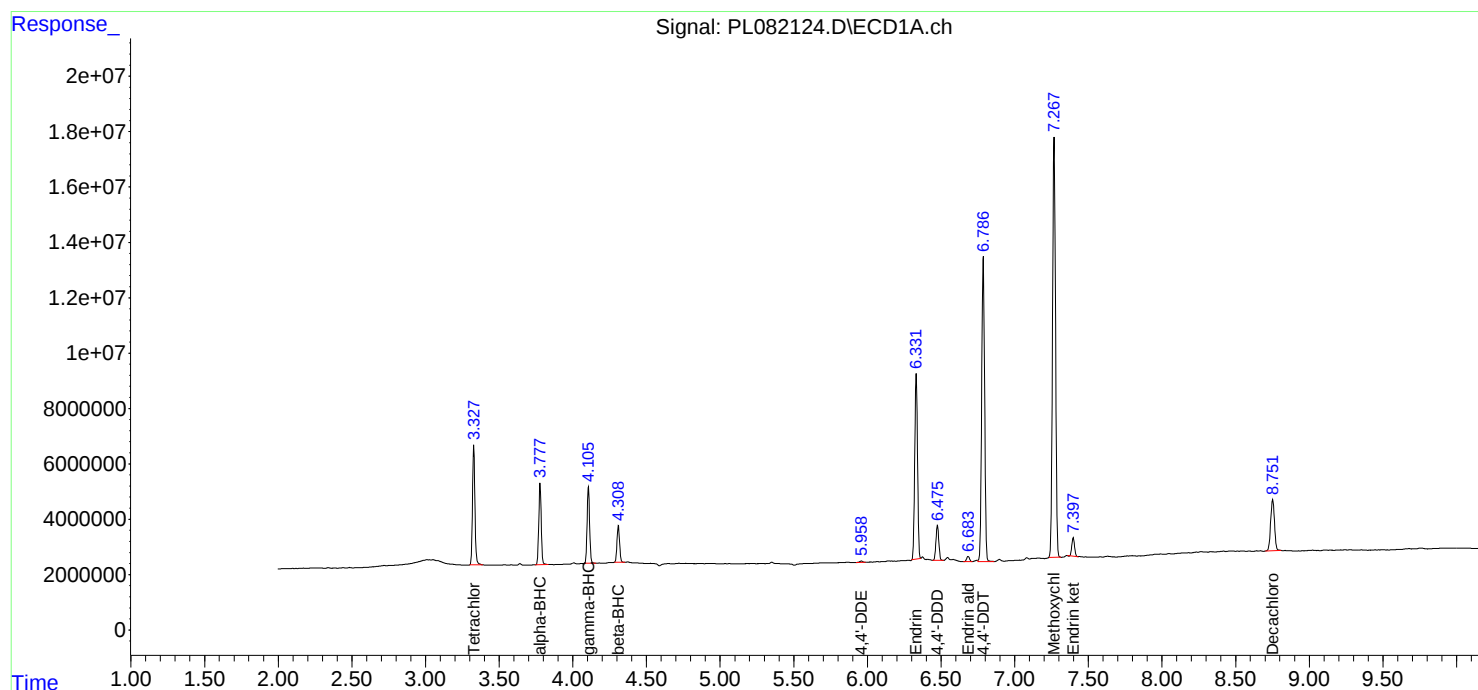
Instrument :
ECD_L
ClientSampleId :
PEM

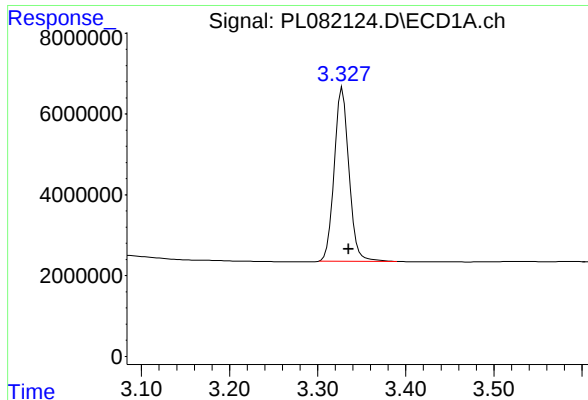
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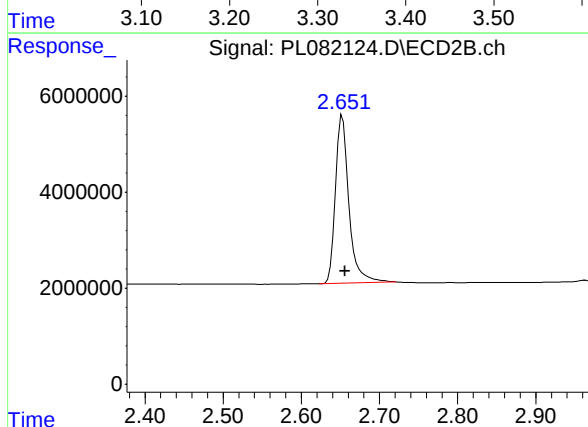
#1 Tetrachloro-m-xylene

R.T.: 3.328 min
Delta R.T.: -0.007 min
Response: 49894586
Conc: 21.45 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

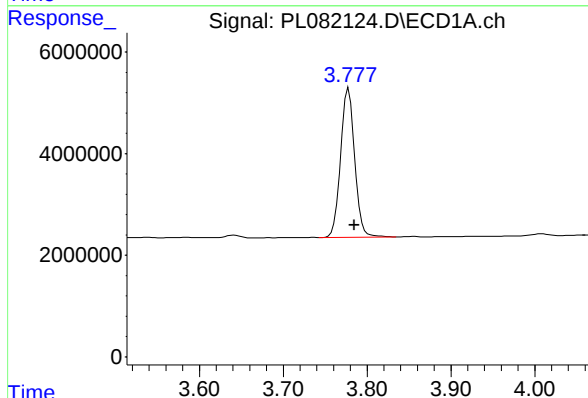
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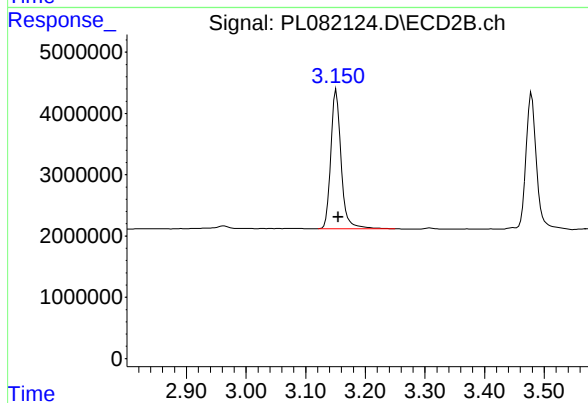
#1 Tetrachloro-m-xylene

R.T.: 2.653 min
Delta R.T.: -0.003 min
Response: 41932352
Conc: 21.01 ng/ml



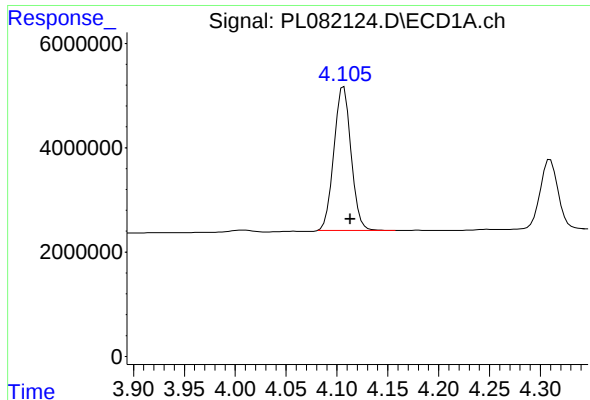
#2 alpha-BHC

R.T.: 3.778 min
Delta R.T.: -0.007 min
Response: 34120492
Conc: 9.95 ng/ml



#2 alpha-BHC

R.T.: 3.151 min
Delta R.T.: -0.003 min
Response: 27350908
Conc: 9.38 ng/ml



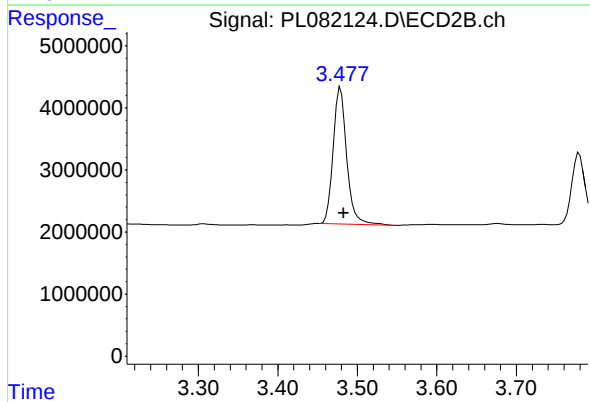
#3 gamma-BHC (Lindane)

R.T.: 4.107 min
Delta R.T.: -0.007 min
Response: 32375430
Conc: 10.19 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

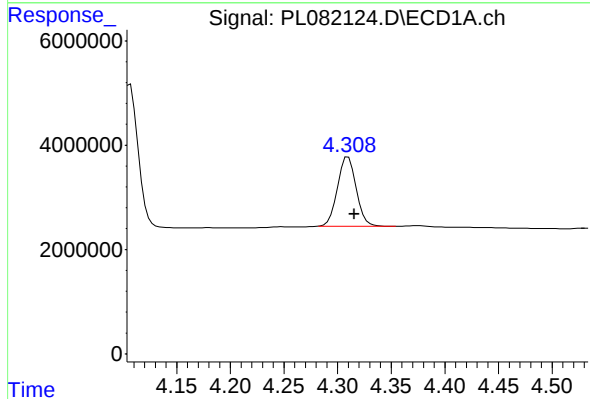
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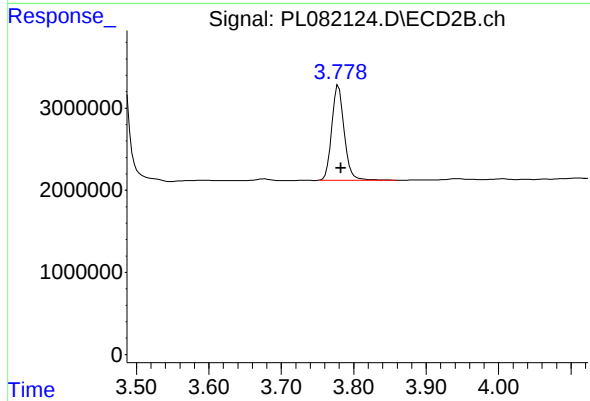
#3 gamma-BHC (Lindane)

R.T.: 3.479 min
Delta R.T.: -0.004 min
Response: 26235304
Conc: 9.42 ng/ml



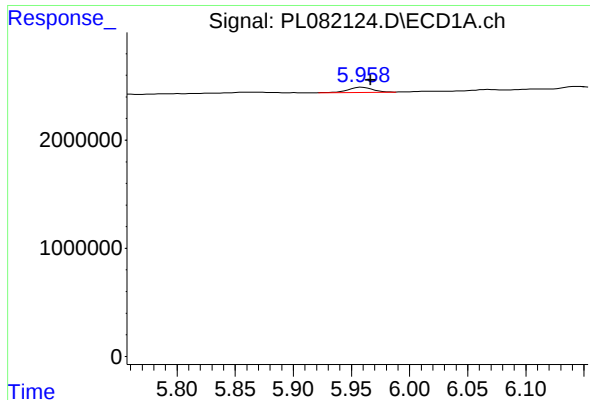
#6 beta-BHC

R.T.: 4.310 min
Delta R.T.: -0.006 min
Response: 16218749
Conc: 10.78 ng/ml



#6 beta-BHC

R.T.: 3.779 min
Delta R.T.: -0.003 min
Response: 13846342
Conc: 11.63 ng/ml



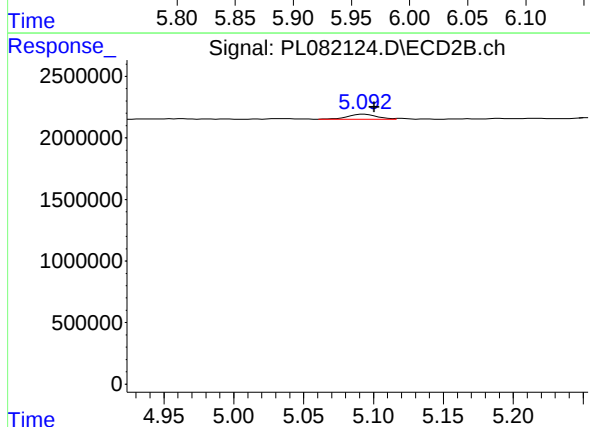
#12 4,4'-DDE

R.T.: 5.959 min
Delta R.T.: -0.007 min
Response: 687696
Conc: 0.31 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

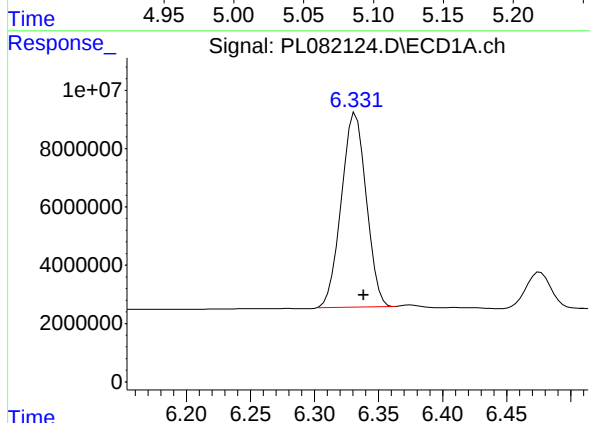
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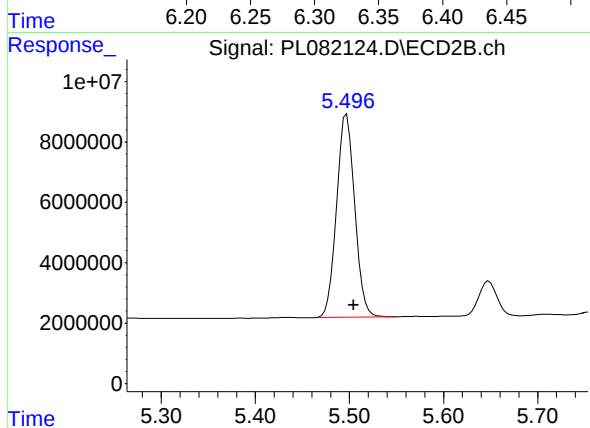
#12 4,4'-DDE

R.T.: 5.093 min
Delta R.T.: -0.007 min
Response: 593377
Conc: 0.30 ng/ml



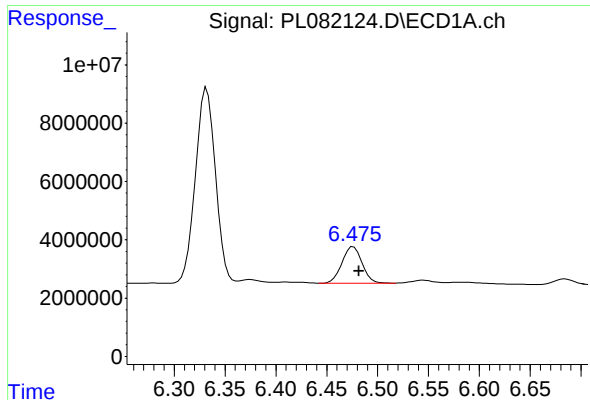
#14 Endrin

R.T.: 6.332 min
Delta R.T.: -0.006 min
Response: 89985866
Conc: 42.54 ng/ml



#14 Endrin

R.T.: 5.497 min
Delta R.T.: -0.008 min
Response: 90124163
Conc: 44.53 ng/ml



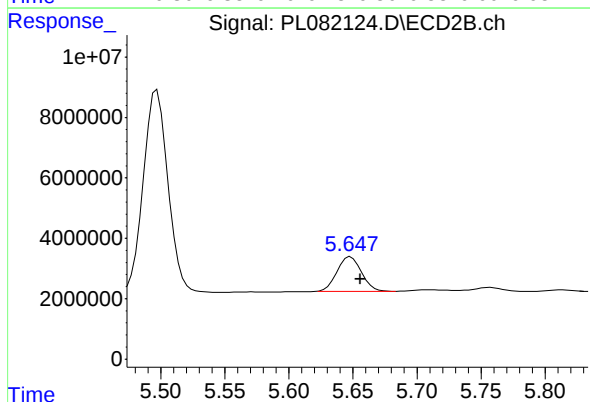
#16 4,4'-DDD

R.T.: 6.476 min
Delta R.T.: -0.006 min
Response: 17140500
Conc: 9.50 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

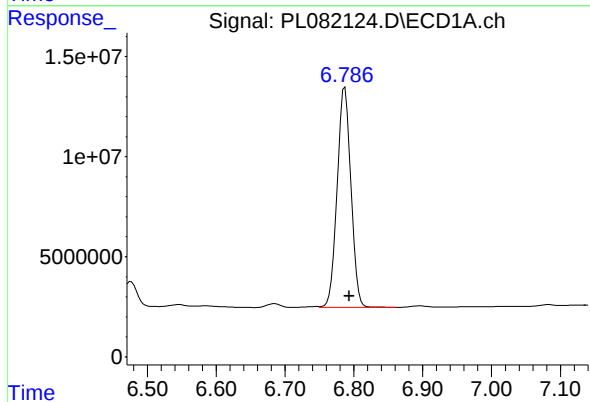
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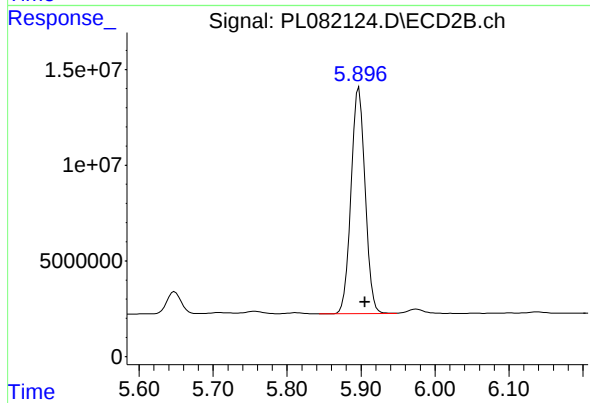
#16 4,4'-DDD

R.T.: 5.648 min
Delta R.T.: -0.008 min
Response: 15182103
Conc: 10.00 ng/ml



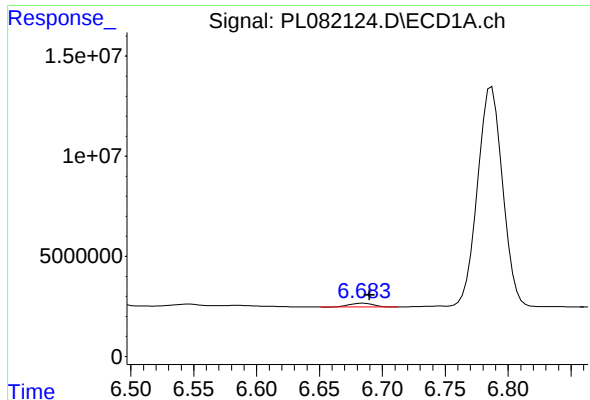
#17 4,4'-DDT

R.T.: 6.787 min
Delta R.T.: -0.006 min
Response: 153330787
Conc: 75.55 ng/ml



#17 4,4'-DDT

R.T.: 5.897 min
Delta R.T.: -0.008 min
Response: 156285476
Conc: 90.69 ng/ml



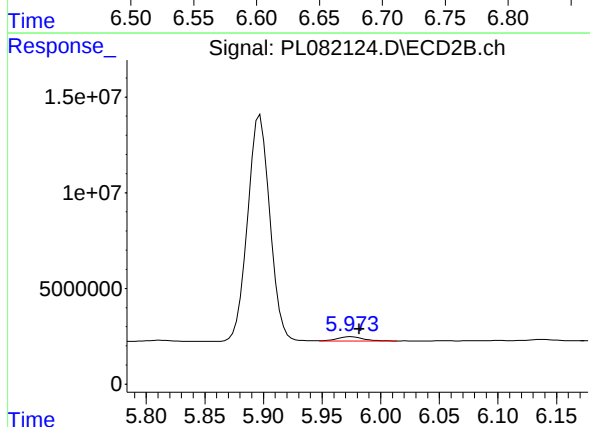
#18 Endrin aldehyde

R.T.: 6.684 min
Delta R.T.: -0.005 min
Response: 2484219
Conc: 1.52 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

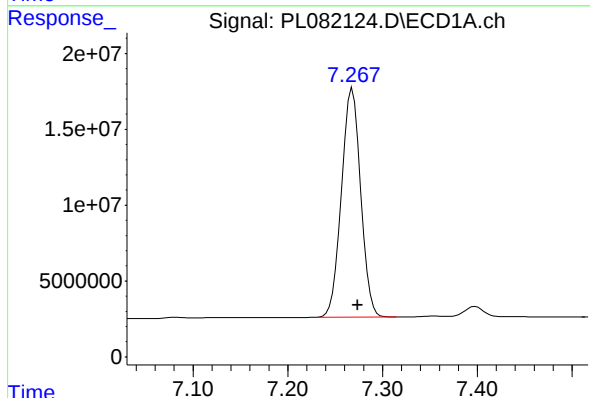
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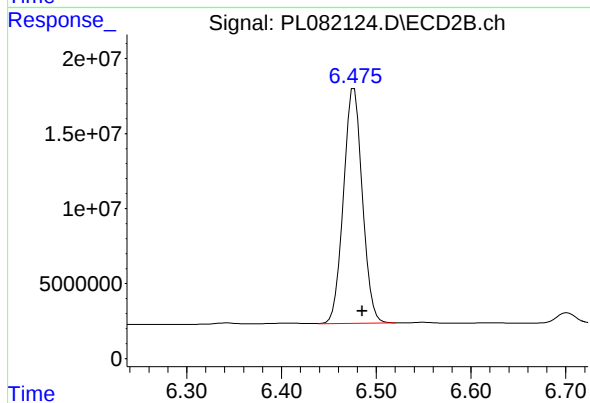
#18 Endrin aldehyde

R.T.: 5.975 min
Delta R.T.: -0.007 min
Response: 3597921
Conc: 2.32 ng/ml



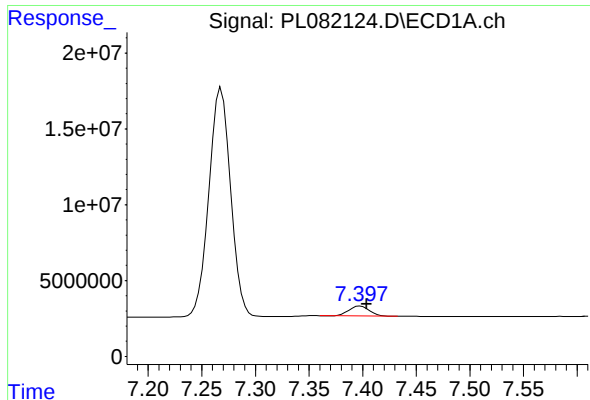
#20 Methoxychlor

R.T.: 7.268 min
Delta R.T.: -0.006 min
Response: 212464449
Conc: 197.29 ng/ml



#20 Methoxychlor

R.T.: 6.475 min
Delta R.T.: -0.010 min
Response: 217284414
Conc: 218.15 ng/ml m



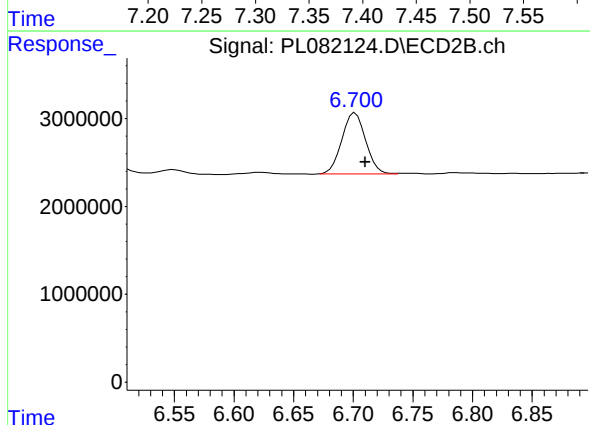
#21 Endrin ketone

R.T.: 7.398 min
Delta R.T.: -0.006 min
Response: 8689274
Conc: 4.15 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

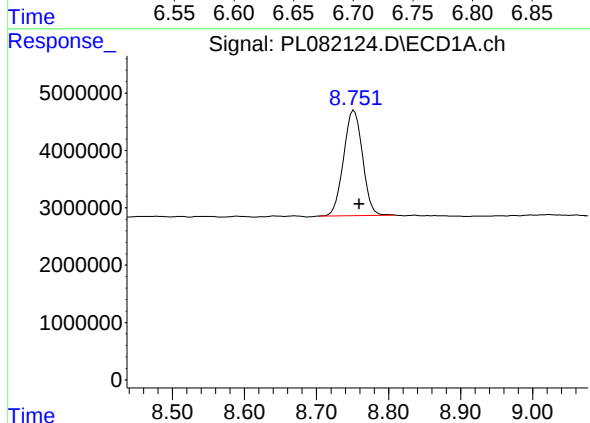
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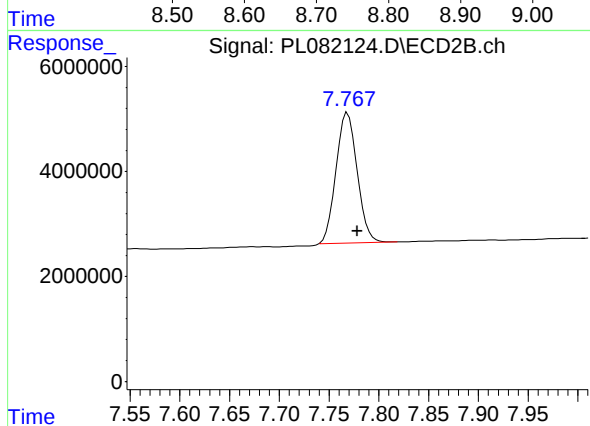
#21 Endrin ketone

R.T.: 6.702 min
Delta R.T.: -0.008 min
Response: 9618496
Conc: 4.50 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.752 min
Delta R.T.: -0.008 min
Response: 33491073
Conc: 18.71 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.769 min
Delta R.T.: -0.010 min
Response: 36796513
Conc: 18.55 ng/ml