

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL041223\
 Data File : PL082005.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 12 Apr 2023 08:15
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 04/13/2023
 Supervised By : Ankita Jodhani 04/13/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 12 22:04:26 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	2.654	48742350	40605919	20.956	20.342
28) SA Decachlor...	8.749	7.770	35224843	38549705	19.683	19.438
Target Compounds						
2) A alpha-BHC	3.777	3.152	33283879	26331097	9.708	9.033
3) MA gamma-BHC...	4.106	3.479	31658120	24935335	9.965	8.956
6) B beta-BHC	4.308	3.779	15948994	13119295	10.597	11.015
12) B 4,4'-DDE	5.956	5.095	248180	337184	0.110	0.171m#
14) MA Endrin	6.330	5.498	94922205	90560909	44.876	44.750
16) A 4,4'-DDD	6.475	5.648	6223693	5497970	3.451	3.623
17) MA 4,4'-DDT	6.786	5.898	176.1E6	165.4E6	86.751	95.960
18) B Endrin al...	6.682	5.975	3169236	4008842	1.937	2.581 #
20) A Methoxychlor	7.266	6.475	234.6E6	226.1E6	217.889	227.048m
21) B Endrin ke...	7.396	6.701	5736905	6850745	2.739	3.206

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

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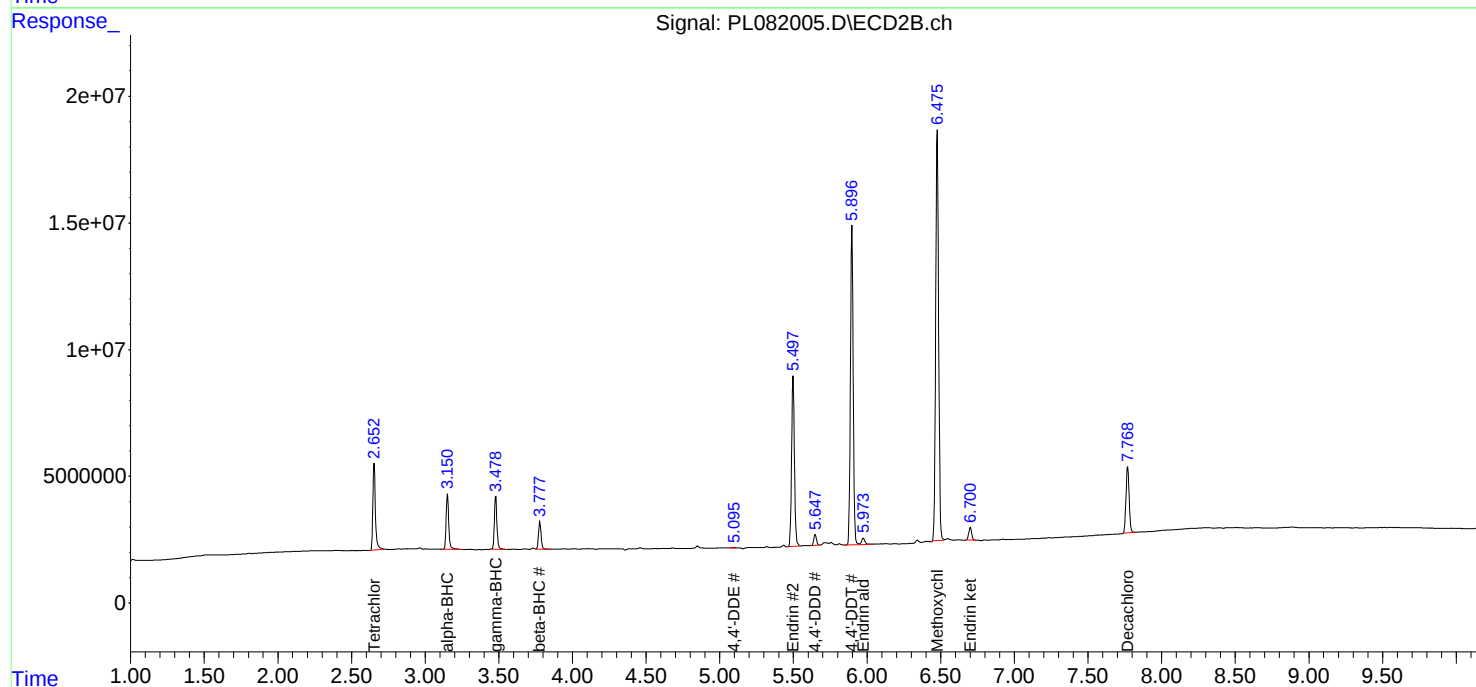
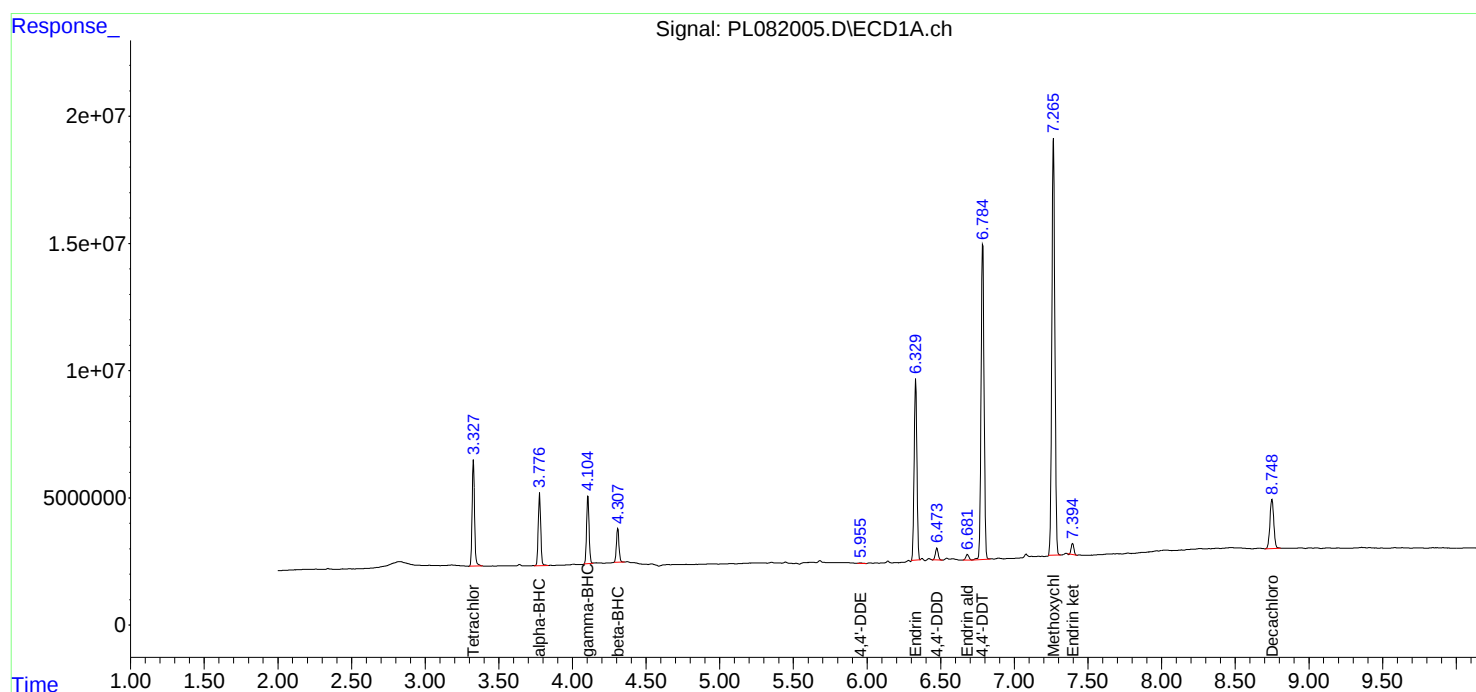
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ECD_L
ClientSampleId :
PEM

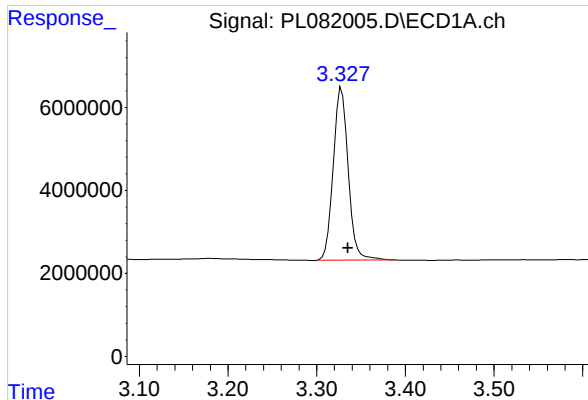
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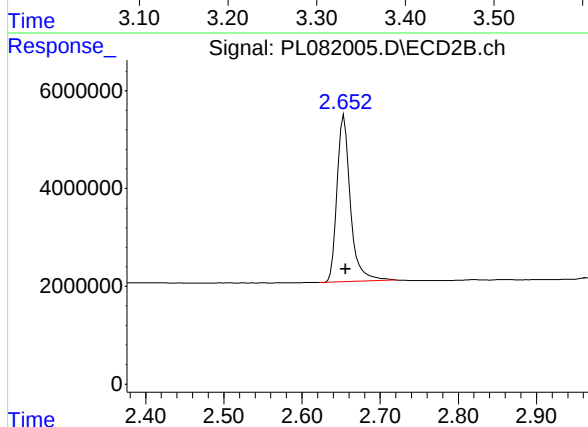
#1 Tetrachloro-m-xylene

R.T.: 3.328 min
Delta R.T.: -0.007 min
Response: 48742350
Conc: 20.96 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

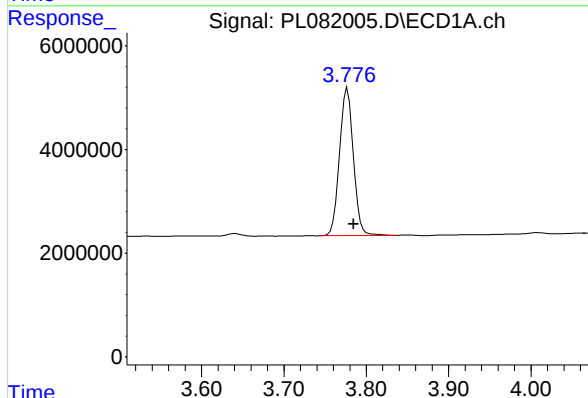
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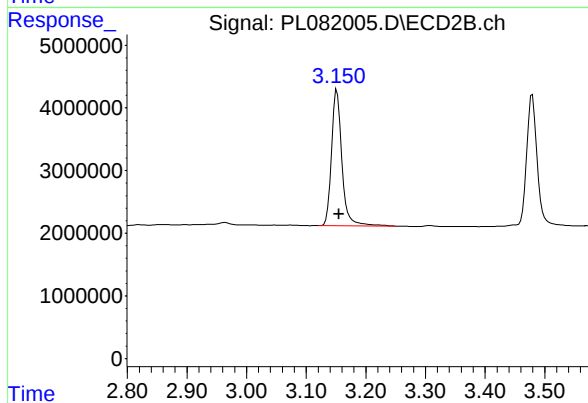
#1 Tetrachloro-m-xylene

R.T.: 2.654 min
Delta R.T.: -0.002 min
Response: 40605919
Conc: 20.34 ng/ml



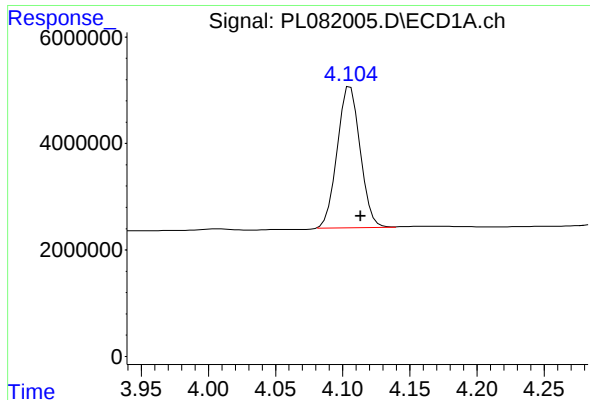
#2 alpha-BHC

R.T.: 3.777 min
Delta R.T.: -0.008 min
Response: 33283879
Conc: 9.71 ng/ml



#2 alpha-BHC

R.T.: 3.152 min
Delta R.T.: -0.003 min
Response: 26331097
Conc: 9.03 ng/ml



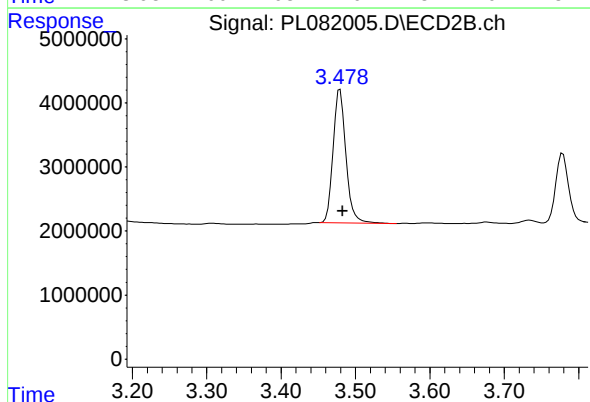
#3 gamma-BHC (Lindane)

R.T.: 4.106 min
Delta R.T.: -0.008 min
Response: 31658120
Conc: 9.97 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

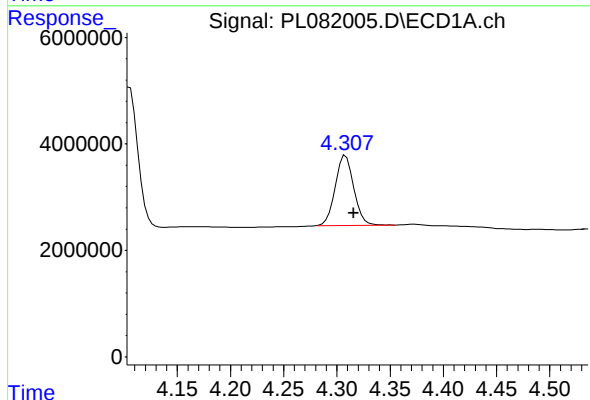
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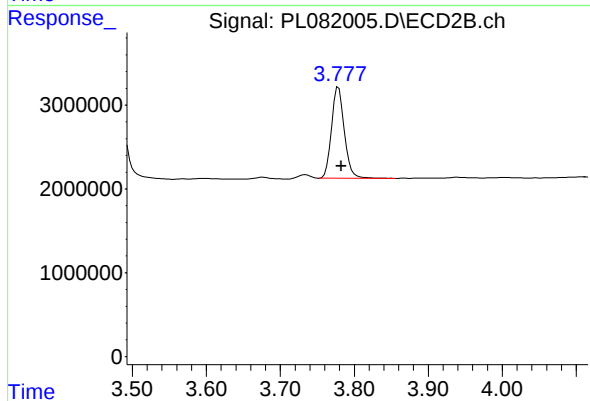
#3 gamma-BHC (Lindane)

R.T.: 3.479 min
Delta R.T.: -0.004 min
Response: 24935335
Conc: 8.96 ng/ml



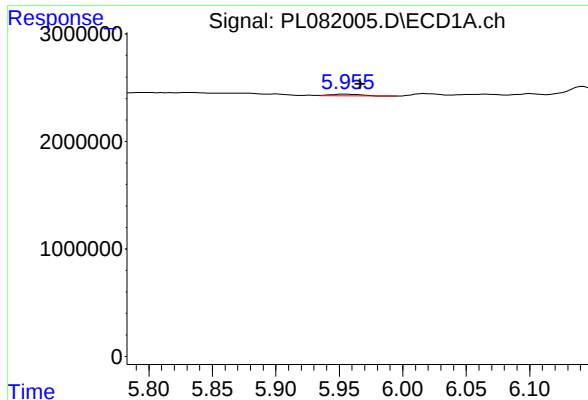
#6 beta-BHC

R.T.: 4.308 min
Delta R.T.: -0.007 min
Response: 15948994
Conc: 10.60 ng/ml



#6 beta-BHC

R.T.: 3.779 min
Delta R.T.: -0.004 min
Response: 13119295
Conc: 11.02 ng/ml



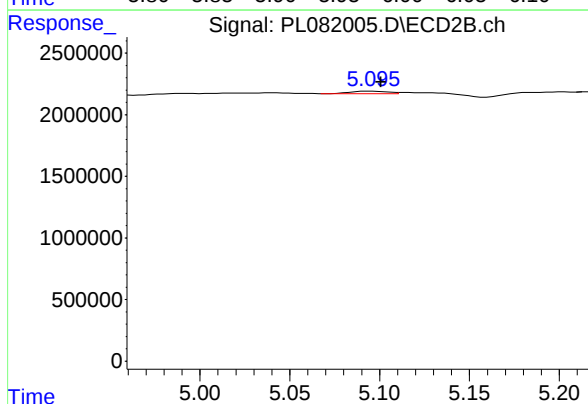
#12 4,4'-DDE

R.T.: 5.956 min
Delta R.T.: -0.011 min
Response: 248180
Conc: 0.11 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

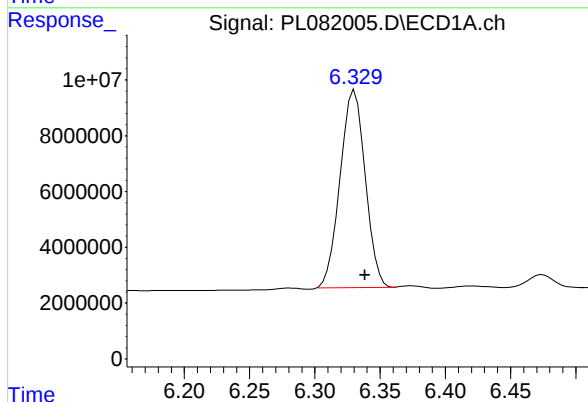
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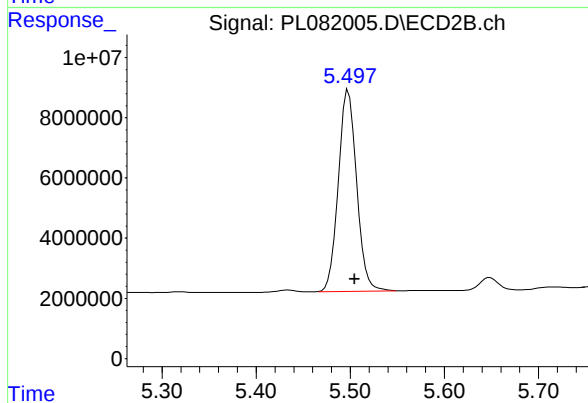
#12 4,4'-DDE

R.T.: 5.095 min
Delta R.T.: -0.006 min
Response: 337184
Conc: 0.17 ng/ml



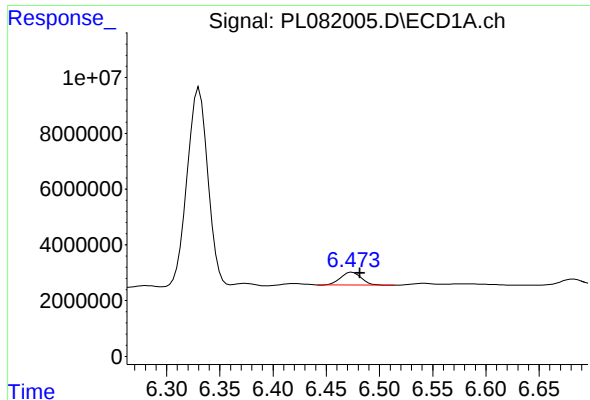
#14 Endrin

R.T.: 6.330 min
Delta R.T.: -0.008 min
Response: 94922205
Conc: 44.88 ng/ml



#14 Endrin

R.T.: 5.498 min
Delta R.T.: -0.007 min
Response: 90560909
Conc: 44.75 ng/ml



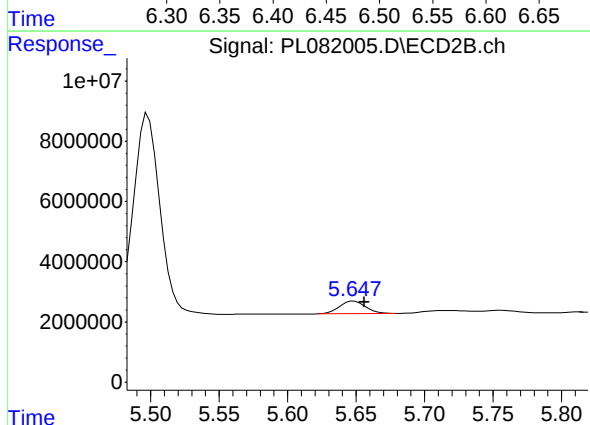
#16 4,4'-DDD

R.T.: 6.475 min
Delta R.T.: -0.007 min
Response: 6223693
Conc: 3.45 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

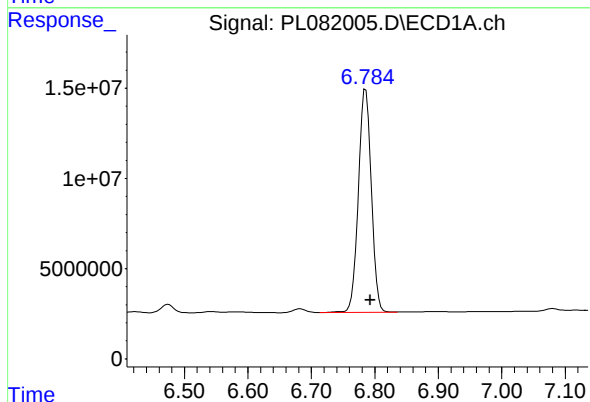
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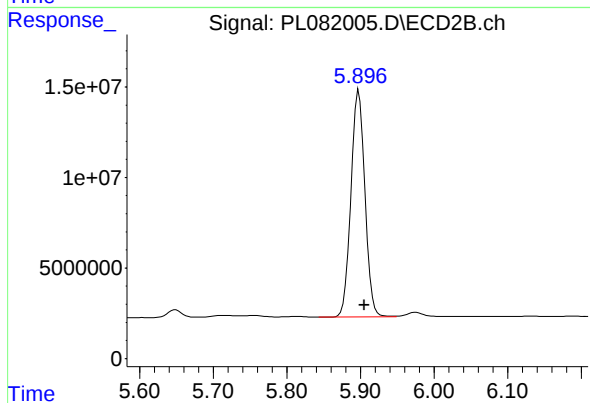
#16 4,4'-DDD

R.T.: 5.648 min
Delta R.T.: -0.007 min
Response: 5497970
Conc: 3.62 ng/ml



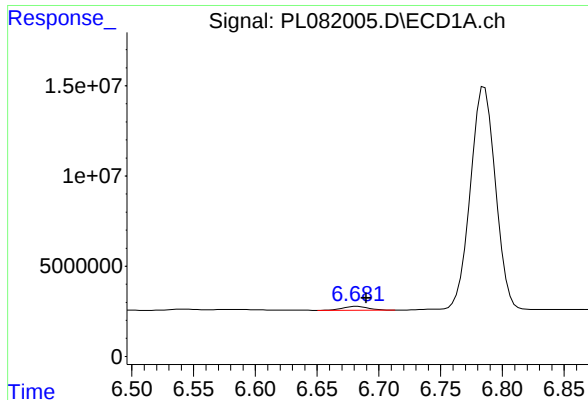
#17 4,4'-DDT

R.T.: 6.786 min
Delta R.T.: -0.007 min
Response: 176073183
Conc: 86.75 ng/ml



#17 4,4'-DDT

R.T.: 5.898 min
Delta R.T.: -0.007 min
Response: 165364629
Conc: 95.96 ng/ml



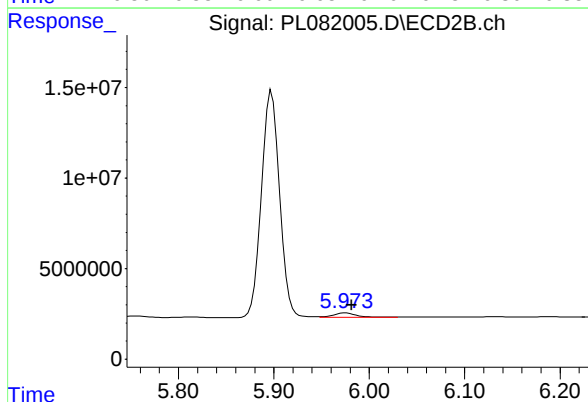
#18 Endrin aldehyde

R.T.: 6.682 min
Delta R.T.: -0.008 min
Response: 3169236
Conc: 1.94 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

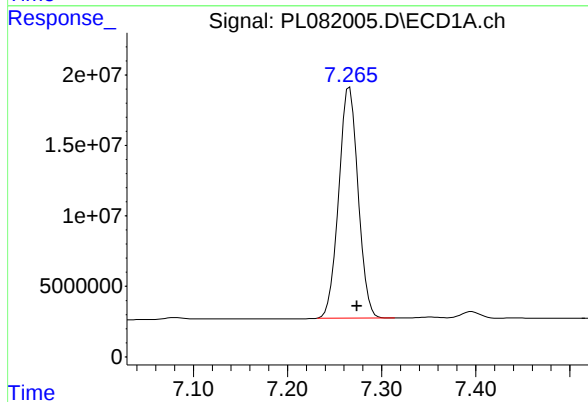
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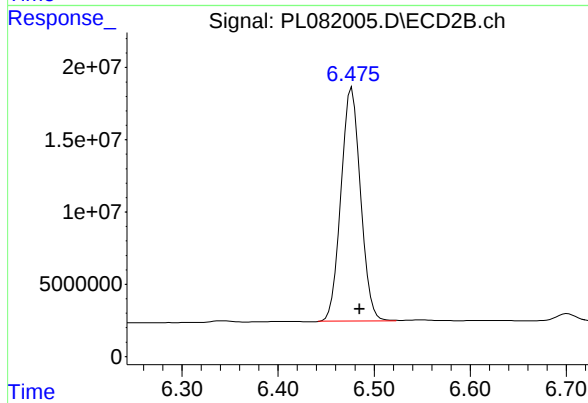
#18 Endrin aldehyde

R.T.: 5.975 min
Delta R.T.: -0.007 min
Response: 4008842
Conc: 2.58 ng/ml



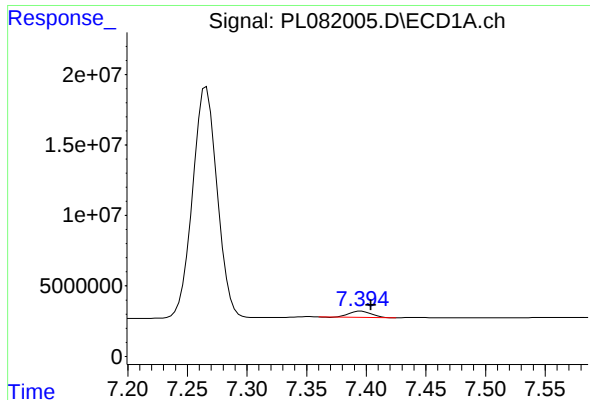
#20 Methoxychlor

R.T.: 7.266 min
Delta R.T.: -0.008 min
Response: 234642997
Conc: 217.89 ng/ml



#20 Methoxychlor

R.T.: 6.475 min
Delta R.T.: -0.010 min
Response: 226148037
Conc: 227.05 ng/ml m



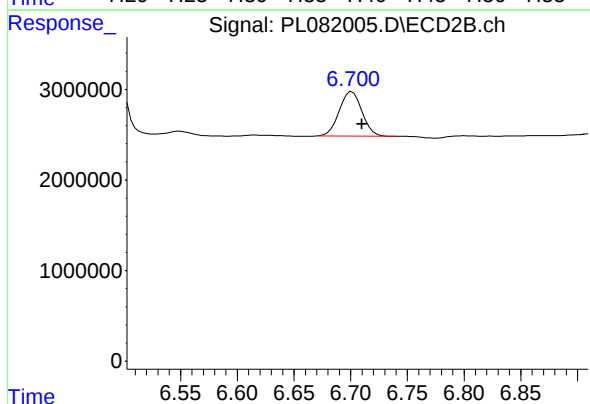
#21 Endrin ketone

R.T.: 7.396 min
Delta R.T.: -0.008 min
Response: 5736905
Conc: 2.74 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

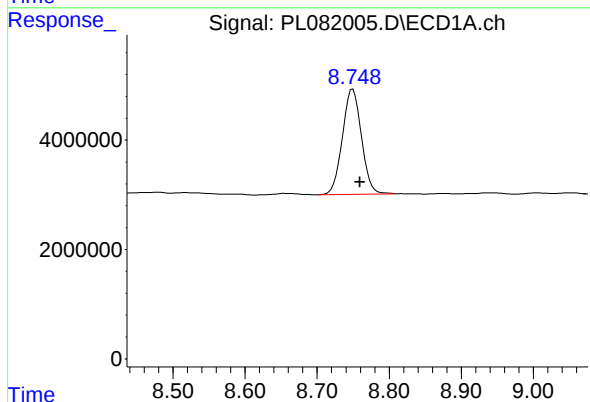
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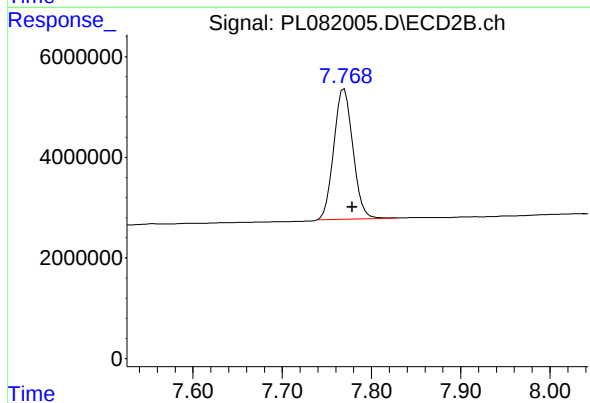
#21 Endrin ketone

R.T.: 6.701 min
Delta R.T.: -0.009 min
Response: 6850745
Conc: 3.21 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.749 min
Delta R.T.: -0.010 min
Response: 35224843
Conc: 19.68 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.770 min
Delta R.T.: -0.009 min
Response: 38549705
Conc: 19.44 ng/ml