

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL051023\
 Data File : PL082604.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 10 May 2023 09:07
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 05/11/2023
 Supervised By : Ankita Jodhani 05/11/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 10 21:02:07 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL042023.M
 Quant Title : GC Extractables
 QLast Update : Fri Apr 21 03:12:31 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...	3.322	2.643	53222966	44624070	19.925	19.262
28)	SA Decachlor...	8.740	7.752	40148605	44081470	21.030	19.313
Target Compounds							
2)	A alpha-BHC	3.770	3.140	36767818	28911319	9.238	8.495
3)	MA gamma-BHC...	4.099	3.467	36282180	27724702	9.704	8.623
6)	B beta-BHC	4.302	3.767	18014386	14180633	10.563	10.393
12)	B 4,4'-DDE	5.952	5.077	432173	285889	0.170	0.124m#
14)	MA Endrin	6.322	5.482	109.4E6	102.6E6	45.121	41.966
16)	A 4,4'-DDD	6.466	5.633	7373190	5784055	3.637	3.092
17)	MA 4,4'-DDT	6.778	5.881	211.2E6	205.8E6	92.326	97.407
18)	B Endrin al...	6.675	5.958	3529259	4651252	1.873	2.485m#
20)	A Methoxychlor	7.258	6.460	278.1E6	273.7E6	227.884	225.830m
21)	B Endrin ke...	7.388	6.685	7038840	8169622	2.940	3.219

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

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Acq On : 10 May 2023 09:07
Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

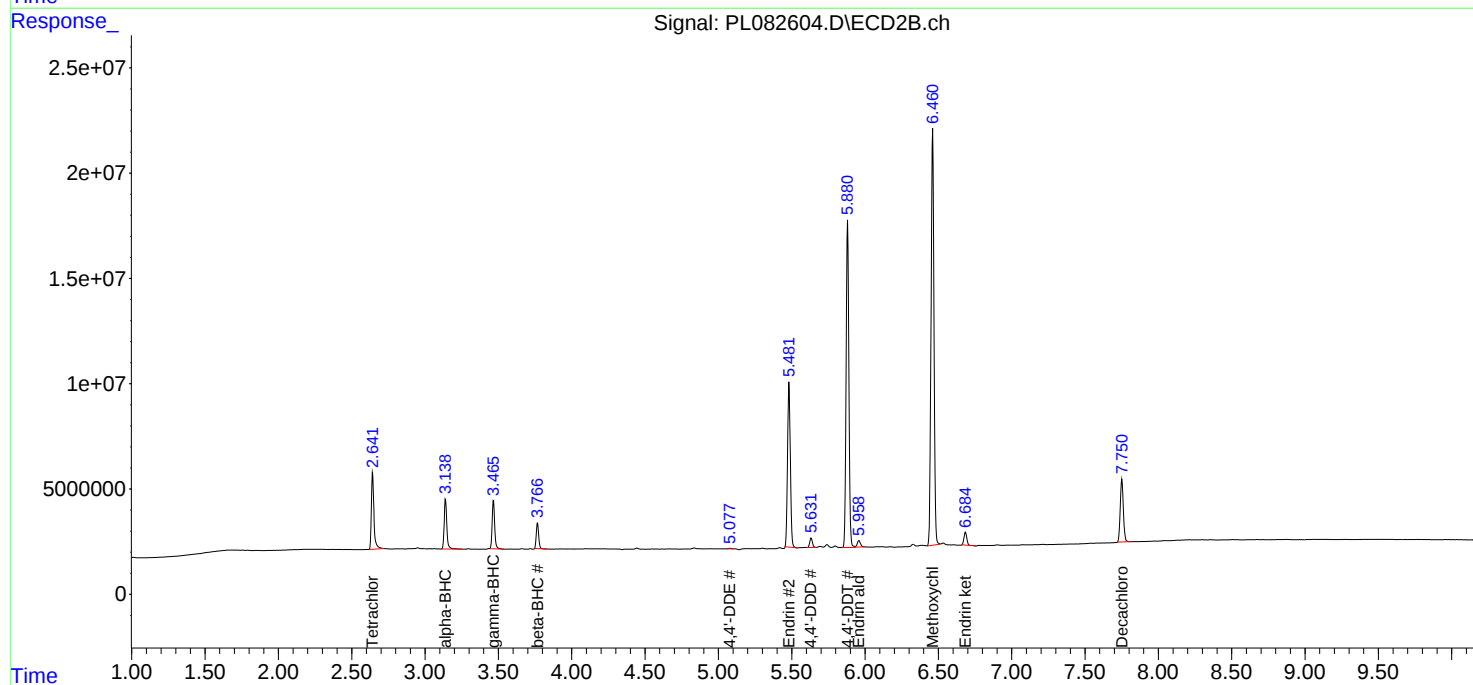
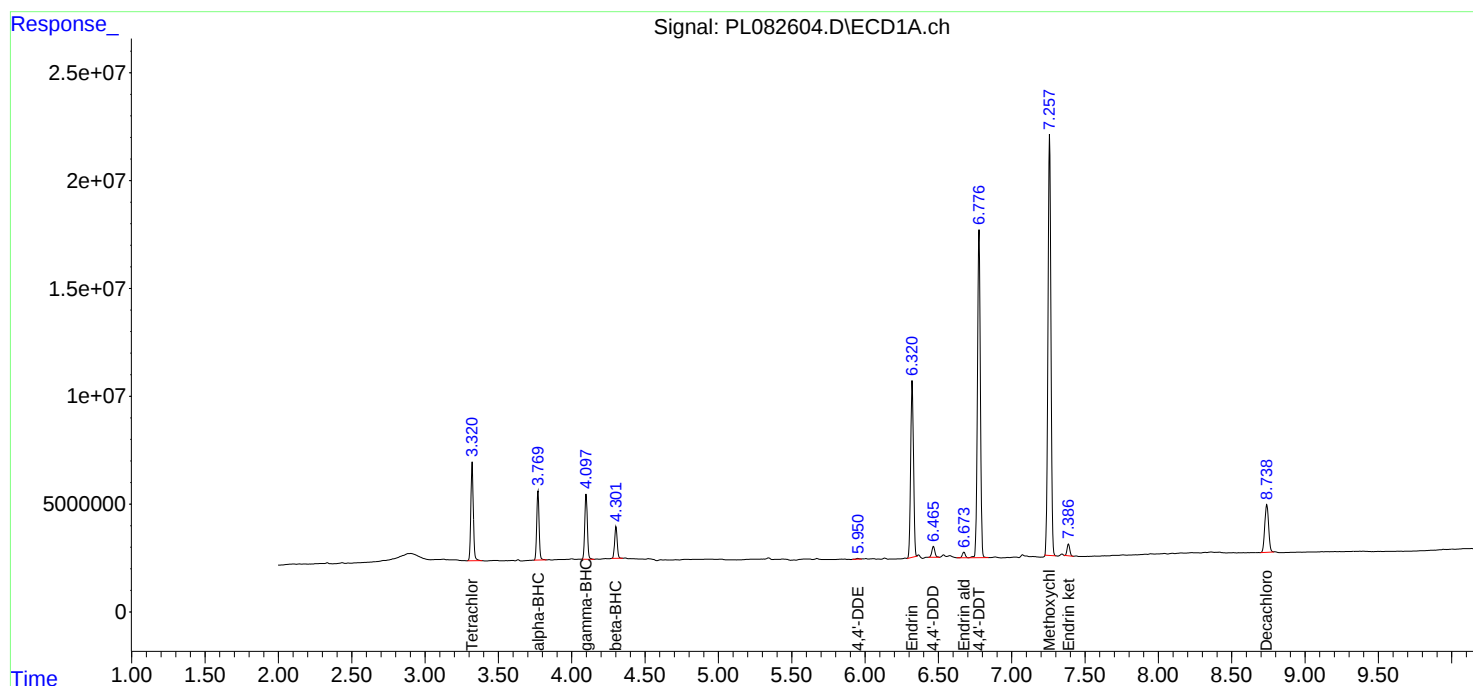
Instrument :
ECD_L
ClientSampleId :
PEM

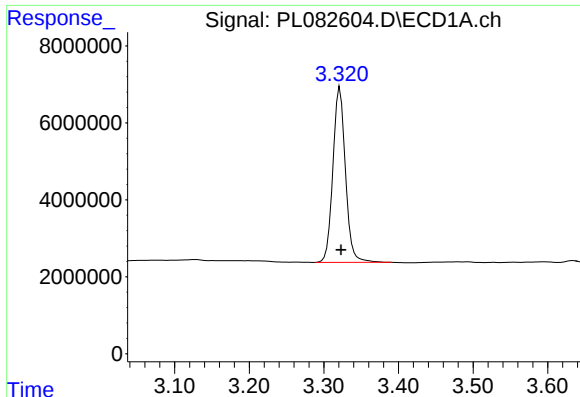
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Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
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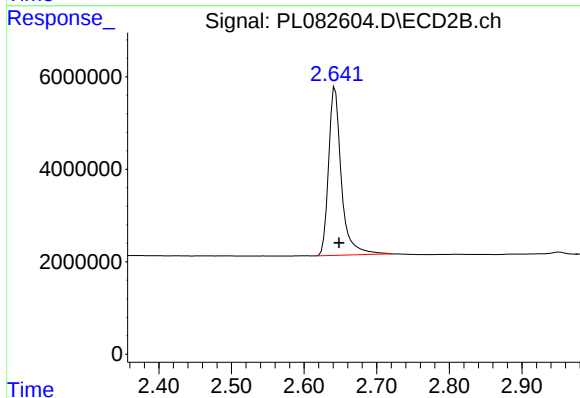
#1 Tetrachloro-m-xylene

R.T.: 3.322 min
Delta R.T.: -0.001 min
Response: 53222966
Conc: 19.92 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

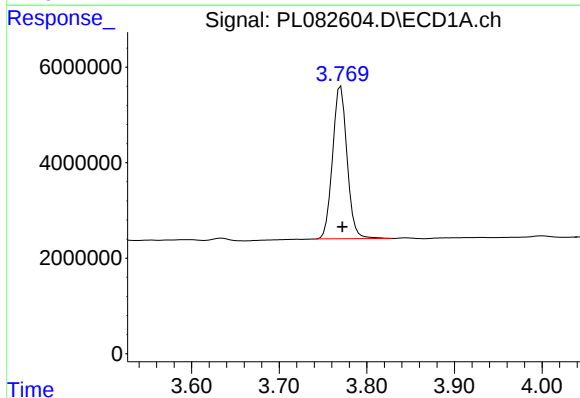
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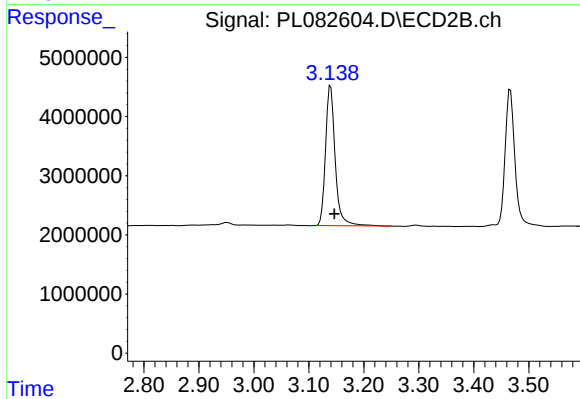
#1 Tetrachloro-m-xylene

R.T.: 2.643 min
Delta R.T.: -0.006 min
Response: 44624070
Conc: 19.26 ng/ml



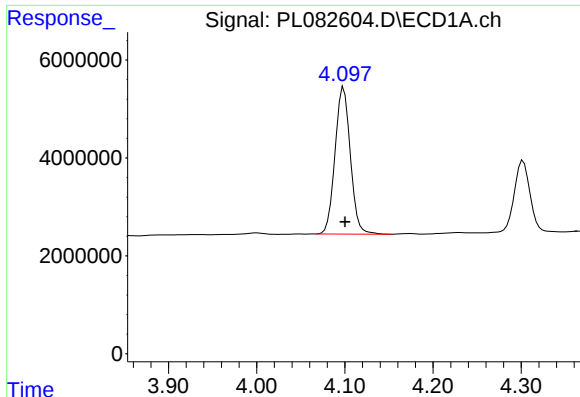
#2 alpha-BHC

R.T.: 3.770 min
Delta R.T.: -0.002 min
Response: 36767818
Conc: 9.24 ng/ml



#2 alpha-BHC

R.T.: 3.140 min
Delta R.T.: -0.007 min
Response: 28911319
Conc: 8.49 ng/ml



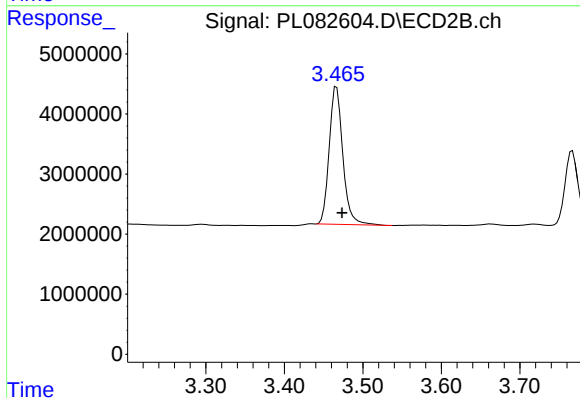
#3 gamma-BHC (Lindane)

R.T.: 4.099 min
Delta R.T.: -0.002 min
Response: 36282180
Conc: 9.70 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

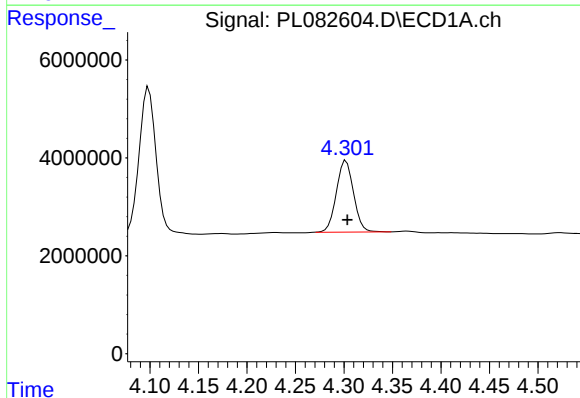
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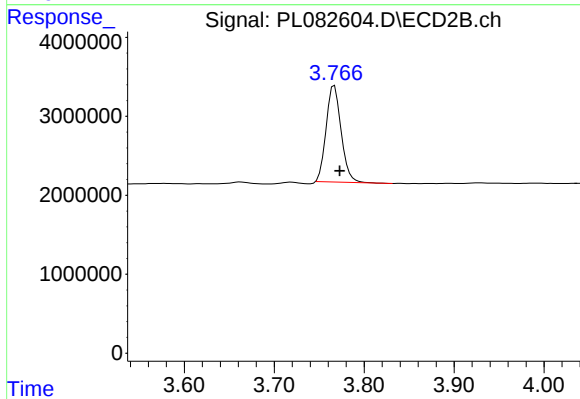
#3 gamma-BHC (Lindane)

R.T.: 3.467 min
Delta R.T.: -0.007 min
Response: 27724702
Conc: 8.62 ng/ml



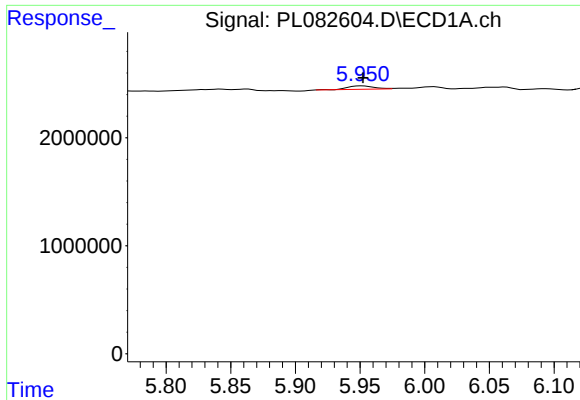
#6 beta-BHC

R.T.: 4.302 min
Delta R.T.: -0.001 min
Response: 18014386
Conc: 10.56 ng/ml



#6 beta-BHC

R.T.: 3.767 min
Delta R.T.: -0.006 min
Response: 14180633
Conc: 10.39 ng/ml



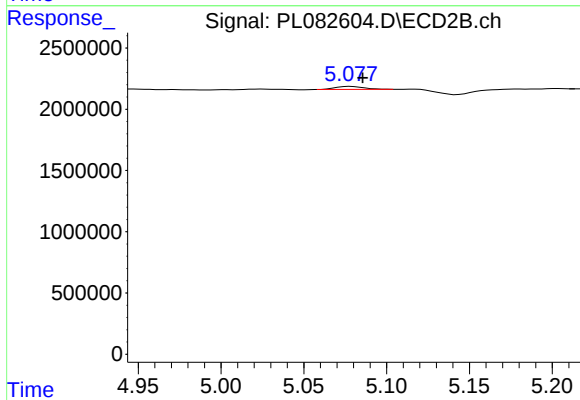
#12 4,4'-DDE

R.T.: 5.952 min
Delta R.T.: 0.000 min
Response: 432173
Conc: 0.17 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

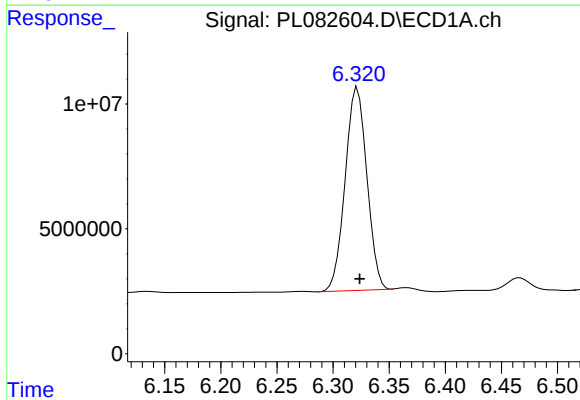
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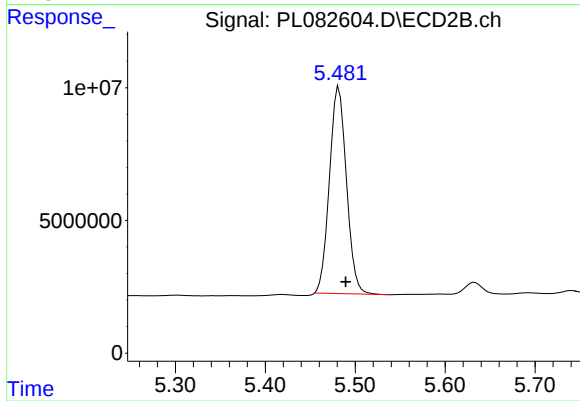
#12 4,4'-DDE

R.T.: 5.077 min
Delta R.T.: -0.009 min
Response: 285889
Conc: 0.12 ng/ml m



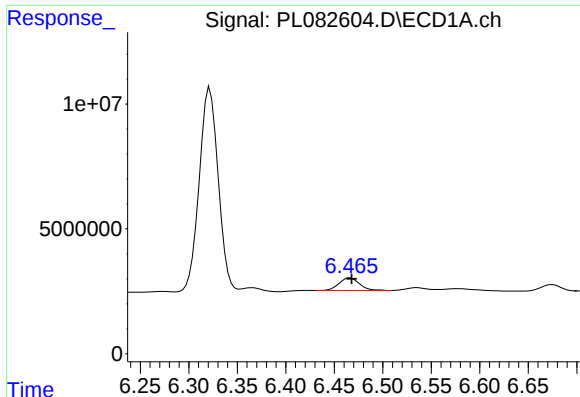
#14 Endrin

R.T.: 6.322 min
Delta R.T.: -0.002 min
Response: 109398376
Conc: 45.12 ng/ml



#14 Endrin

R.T.: 5.482 min
Delta R.T.: -0.008 min
Response: 102647797
Conc: 41.97 ng/ml



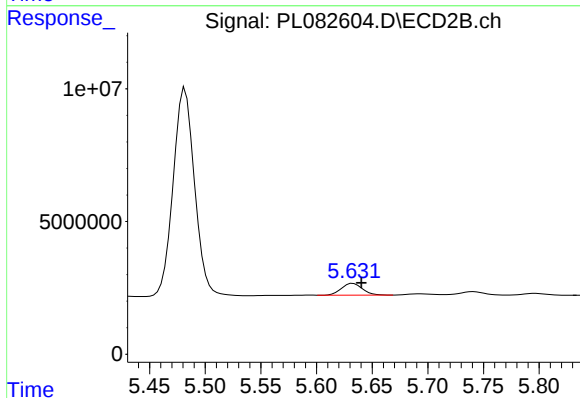
#16 4,4'-DDD

R.T.: 6.466 min
Delta R.T.: -0.002 min
Response: 7373190
Conc: 3.64 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

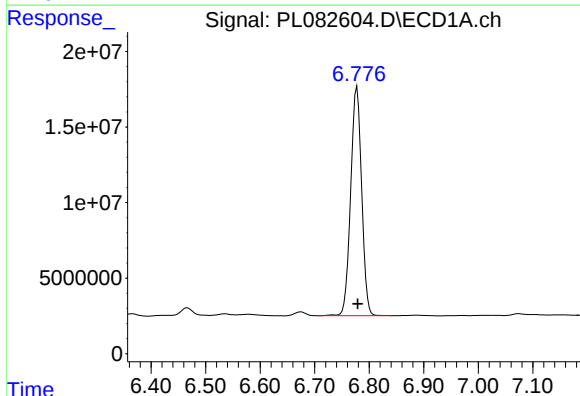
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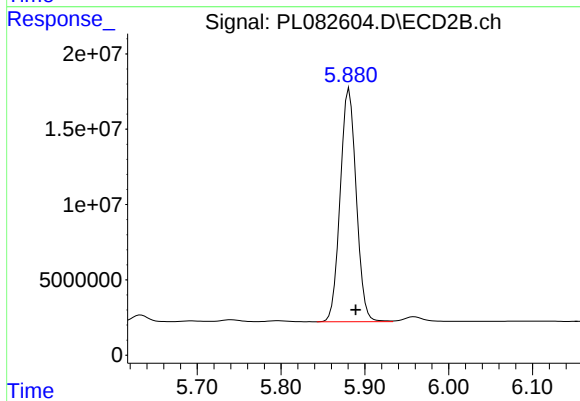
#16 4,4'-DDD

R.T.: 5.633 min
Delta R.T.: -0.008 min
Response: 5784055
Conc: 3.09 ng/ml



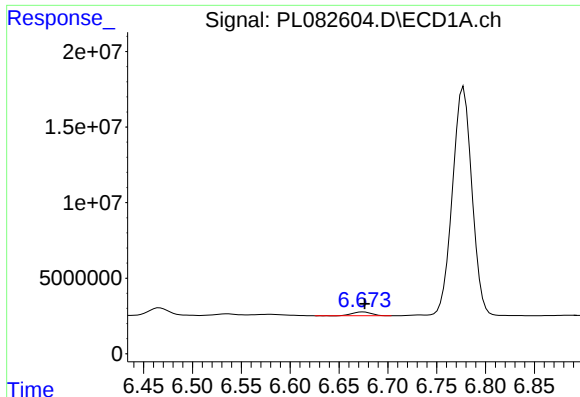
#17 4,4'-DDT

R.T.: 6.778 min
Delta R.T.: -0.001 min
Response: 211215193
Conc: 92.33 ng/ml



#17 4,4'-DDT

R.T.: 5.881 min
Delta R.T.: -0.008 min
Response: 205781989
Conc: 97.41 ng/ml



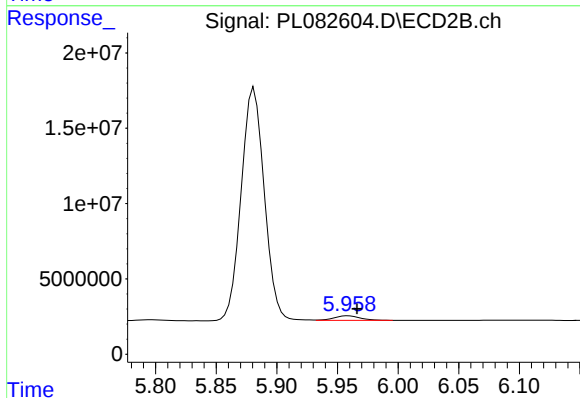
#18 Endrin aldehyde

R.T.: 6.675 min
Delta R.T.: -0.002 min
Response: 3529259
Conc: 1.87 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

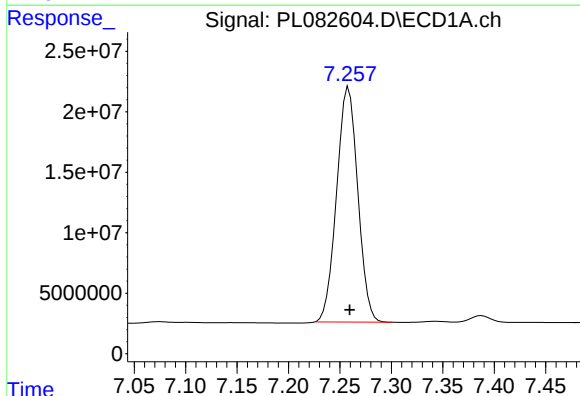
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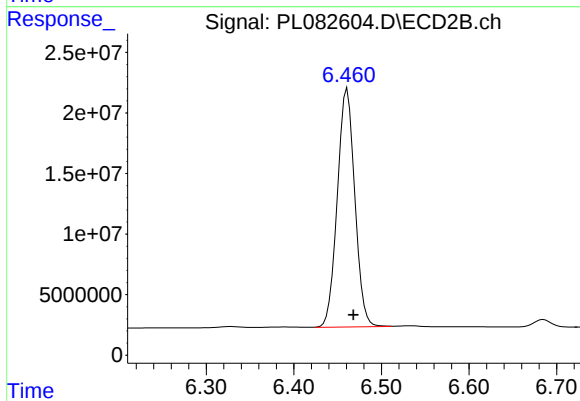
#18 Endrin aldehyde

R.T.: 5.958 min
Delta R.T.: -0.009 min
Response: 4651252
Conc: 2.49 ng/ml m



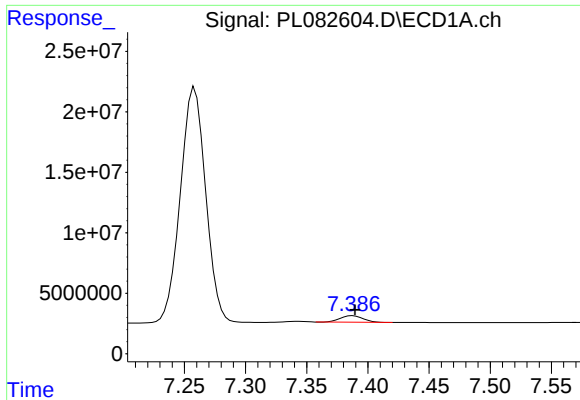
#20 Methoxychlor

R.T.: 7.258 min
Delta R.T.: -0.001 min
Response: 278093339
Conc: 227.88 ng/ml



#20 Methoxychlor

R.T.: 6.460 min
Delta R.T.: -0.009 min
Response: 273669070
Conc: 225.83 ng/ml m



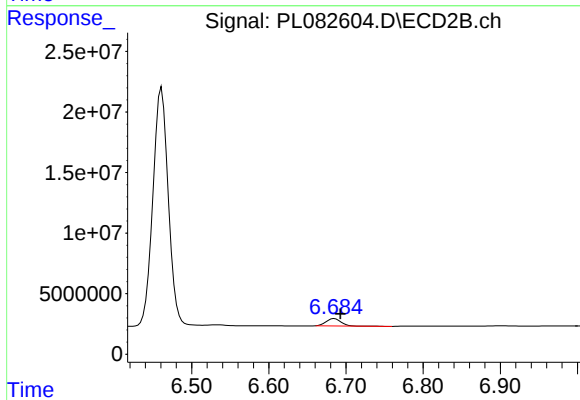
#21 Endrin ketone

R.T.: 7.388 min
Delta R.T.: -0.002 min
Response: 7038840
Conc: 2.94 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

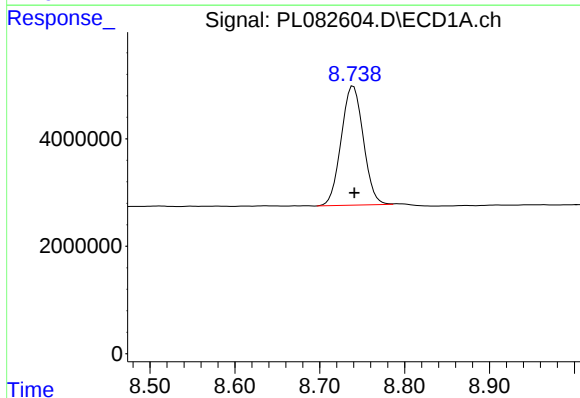
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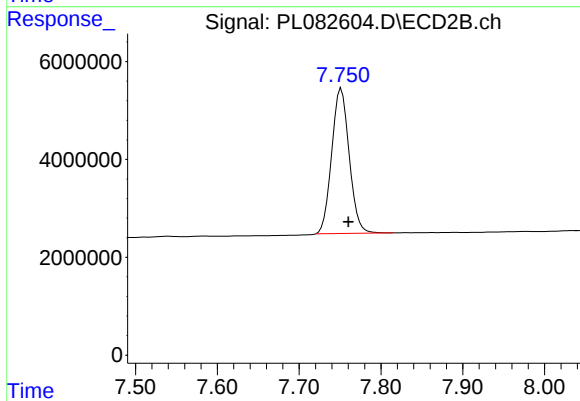
#21 Endrin ketone

R.T.: 6.685 min
Delta R.T.: -0.008 min
Response: 8169622
Conc: 3.22 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.740 min
Delta R.T.: -0.001 min
Response: 40148605
Conc: 21.03 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.752 min
Delta R.T.: -0.008 min
Response: 44081470
Conc: 19.31 ng/ml