

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL021523\
 Data File : PL080960.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 15 Feb 2023 19:54
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 02/16/2023
 Supervised By : Ankita Jodhani 02/16/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 15 20:49:28 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL012023.M
 Quant Title : GC Extractables
 QLast Update : Sun Jan 22 23:56:48 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...	3.351	2.688	42109421	42273290	19.633	19.246
28)	SA Decachlor...	8.787	7.832	35452735	43689253	20.250	18.337
Target Compounds							
2)	A alpha-BHC	3.799	3.188	29005451	28684174	9.156	9.019
3)	MA gamma-BHC...	4.128	3.516	27978252	27139765	9.517	9.085
6)	B beta-BHC	4.324	3.812	13850899	13652767	10.147	10.230
14)	MA Endrin	6.356	5.547	97669525	107.2E6	45.161m	46.186
16)	A 4,4'-DDD	6.498	5.698	2945109	2630897	1.608m	1.400
17)	MA 4,4'-DDT	6.814	5.950	193.2E6	214.1E6	92.975	101.879
18)	B Endrin al...	6.704	6.022	2563714	4105756	1.541m	2.248 #
20)	A Methoxychlor	7.292	6.527	258.3E6	281.2E6	234.091	231.757m
21)	B Endrin ke...	7.419	6.748	5572600	6090927	2.526	2.386

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

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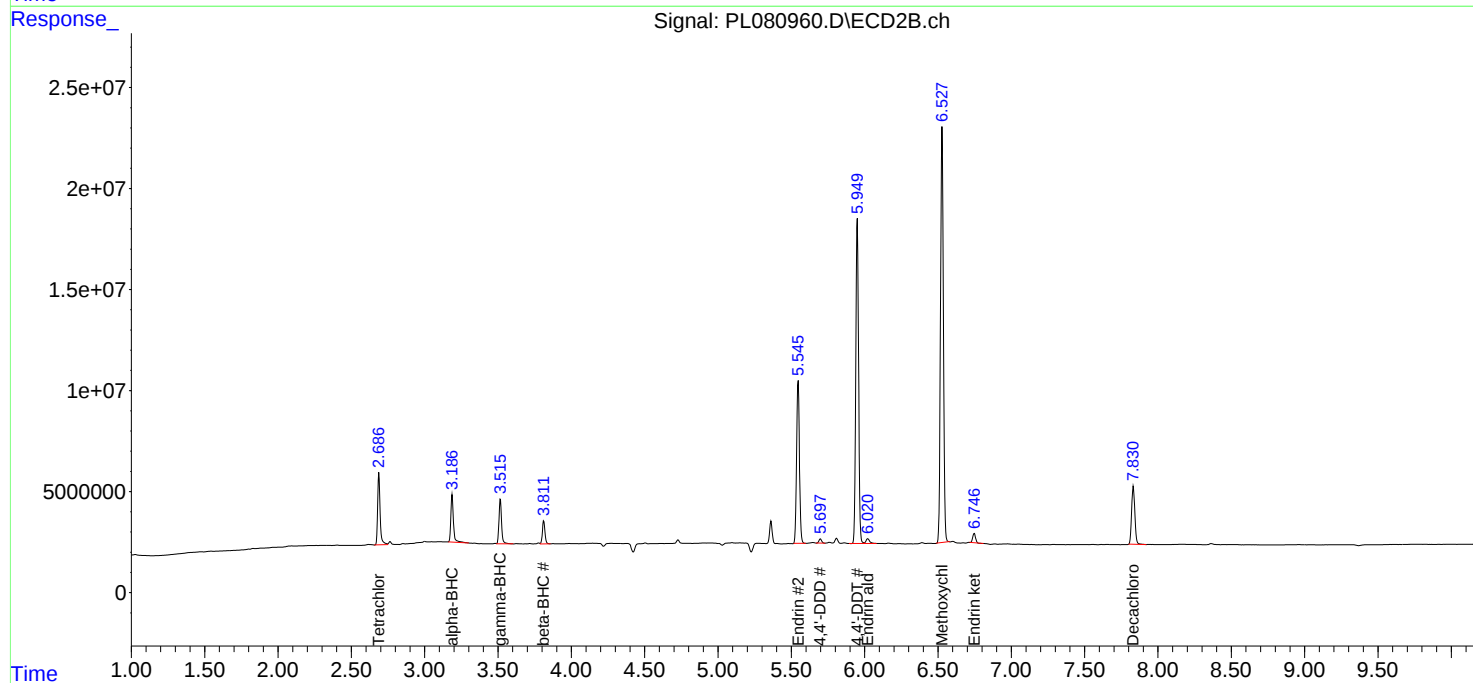
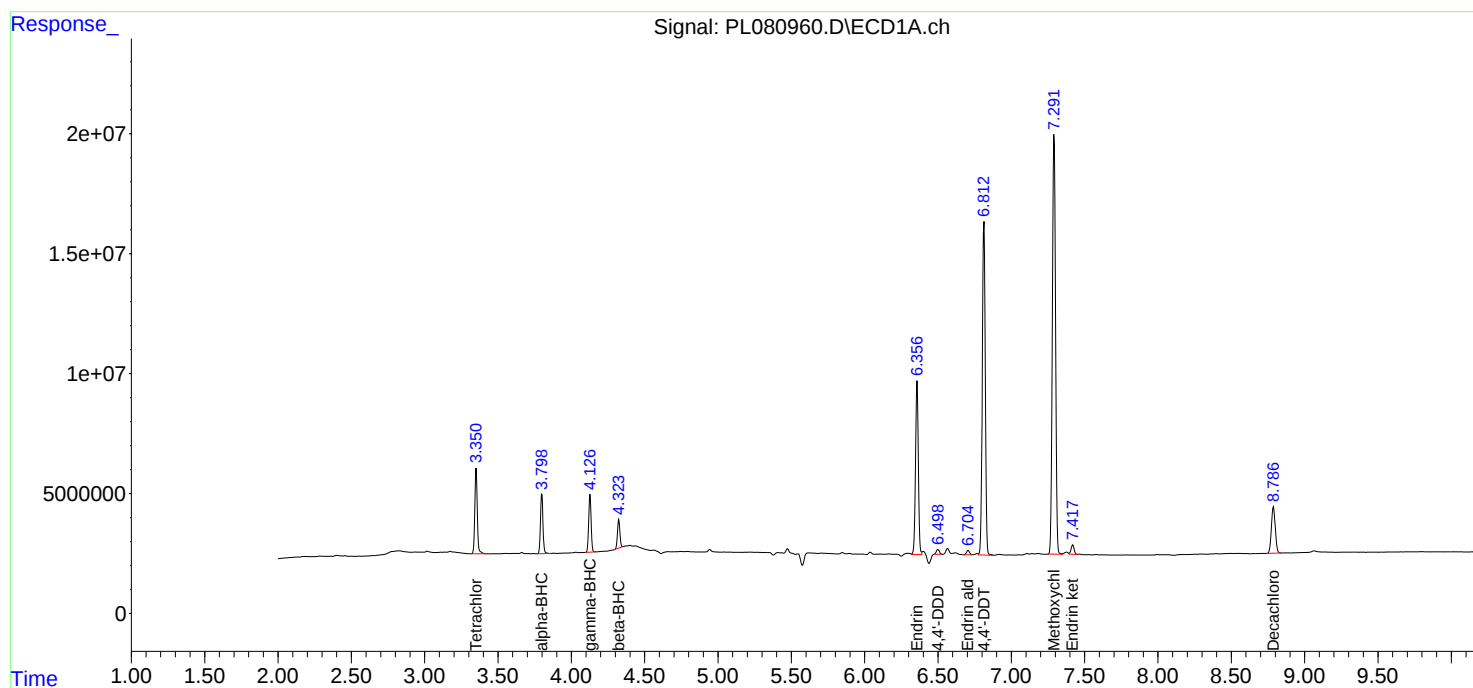
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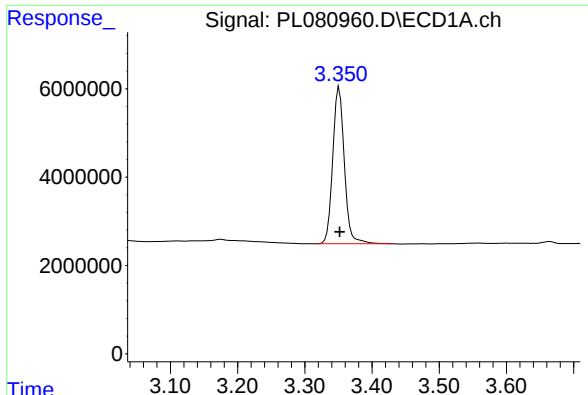
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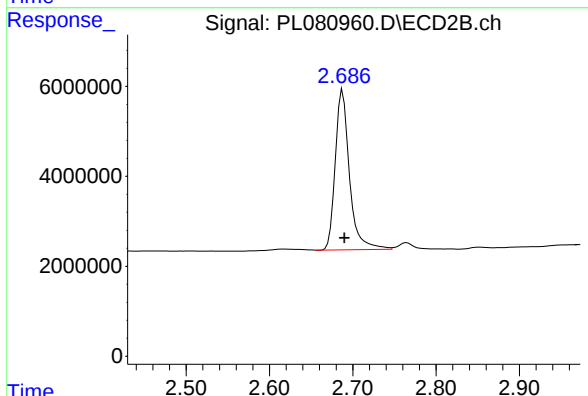
#1 Tetrachloro-m-xylene

R.T.: 3.351 min
Delta R.T.: 0.000 min
Response: 42109421
Conc: 19.63 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

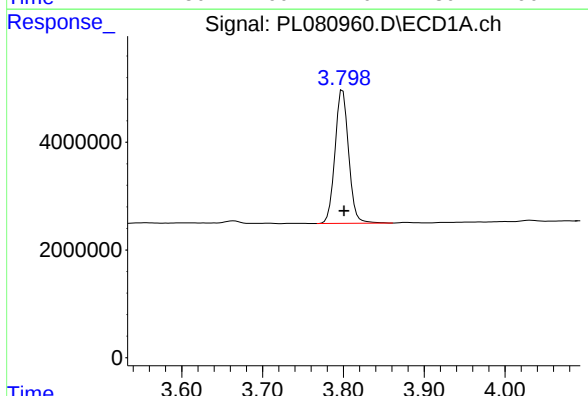
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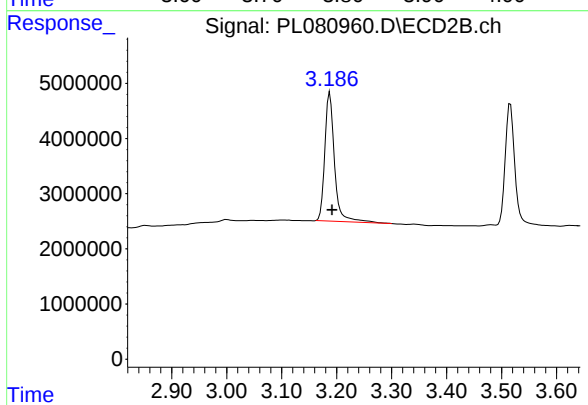
#1 Tetrachloro-m-xylene

R.T.: 2.688 min
Delta R.T.: -0.002 min
Response: 42273290
Conc: 19.25 ng/ml



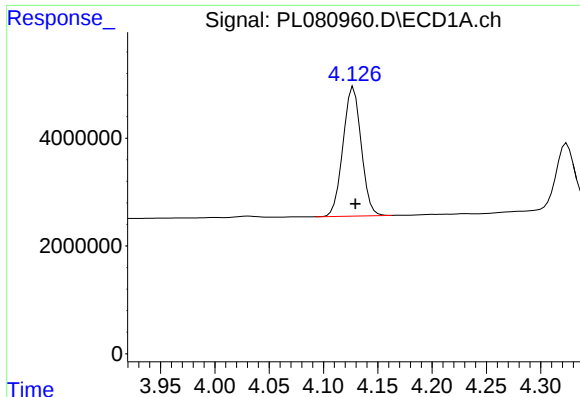
#2 alpha-BHC

R.T.: 3.799 min
Delta R.T.: -0.001 min
Response: 29005451
Conc: 9.16 ng/ml



#2 alpha-BHC

R.T.: 3.188 min
Delta R.T.: -0.004 min
Response: 28684174
Conc: 9.02 ng/ml



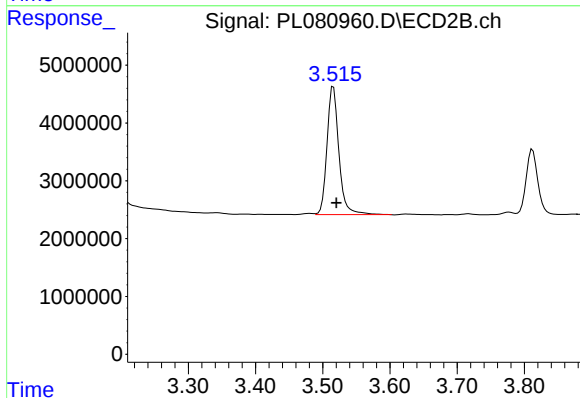
#3 gamma-BHC (Lindane)

R.T.: 4.128 min
Delta R.T.: -0.002 min
Response: 27978252
Conc: 9.52 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

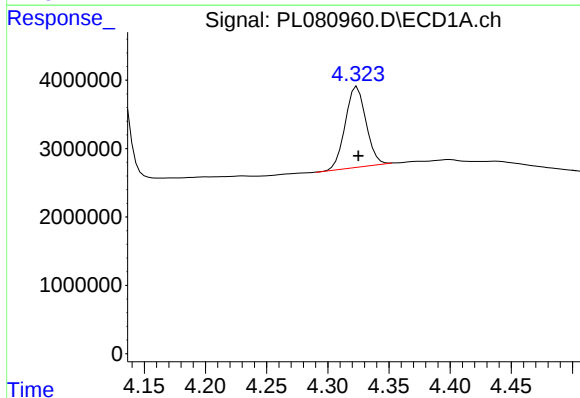
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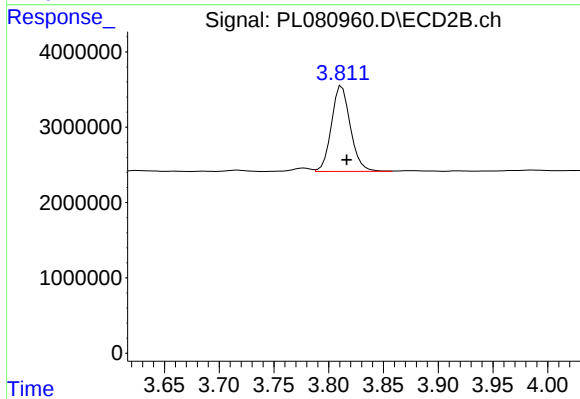
#3 gamma-BHC (Lindane)

R.T.: 3.516 min
Delta R.T.: -0.004 min
Response: 27139765
Conc: 9.09 ng/ml



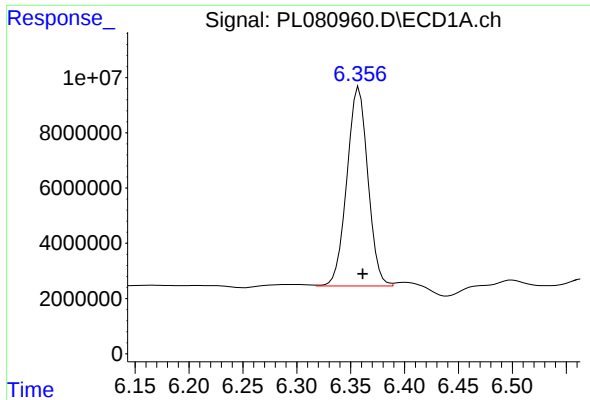
#6 beta-BHC

R.T.: 4.324 min
Delta R.T.: -0.001 min
Response: 13850899
Conc: 10.15 ng/ml



#6 beta-BHC

R.T.: 3.812 min
Delta R.T.: -0.004 min
Response: 13652767
Conc: 10.23 ng/ml



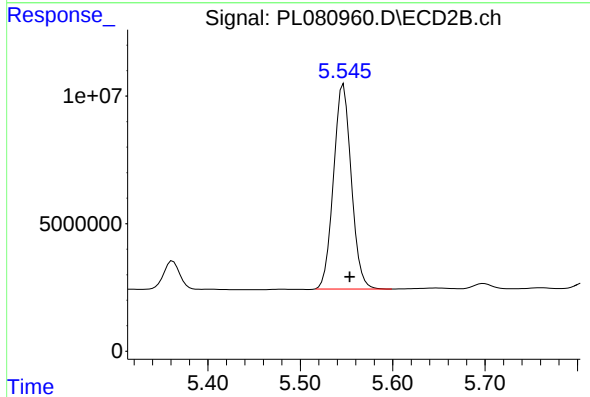
#14 Endrin

R.T.: 6.356 min
Delta R.T.: -0.005 min
Response: 97669525
Conc: 45.16 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

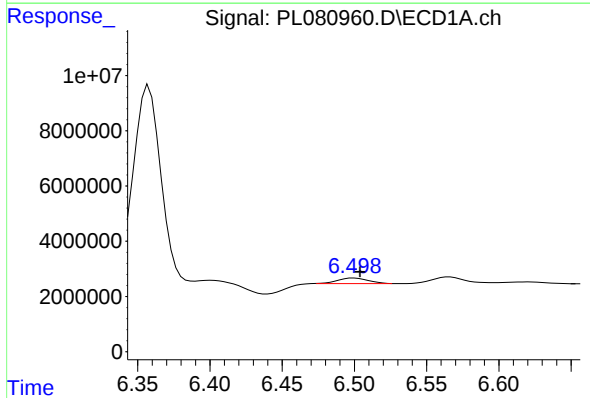
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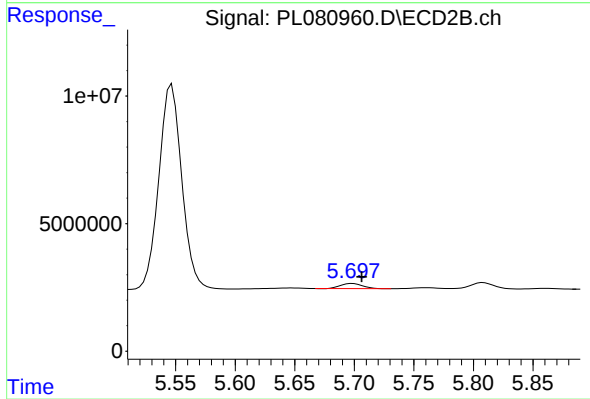
#14 Endrin

R.T.: 5.547 min
Delta R.T.: -0.007 min
Response: 107204259
Conc: 46.19 ng/ml



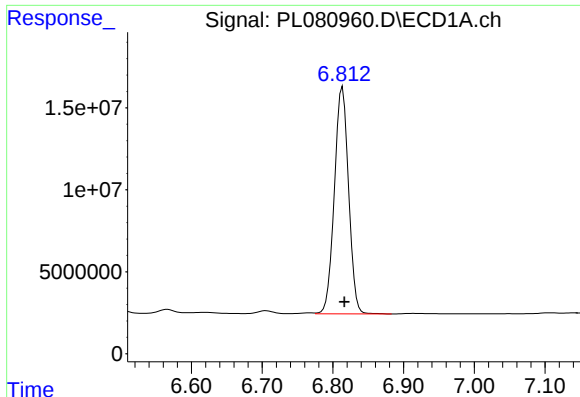
#16 4,4'-DDD

R.T.: 6.498 min
Delta R.T.: -0.005 min
Response: 2945109
Conc: 1.61 ng/ml m



#16 4,4'-DDD

R.T.: 5.698 min
Delta R.T.: -0.008 min
Response: 2630897
Conc: 1.40 ng/ml



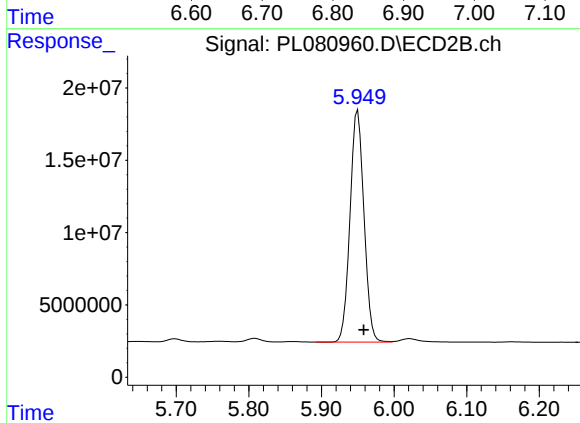
#17 4,4'-DDT

R.T.: 6.814 min
Delta R.T.: -0.003 min
Response: 193171263
Conc: 92.98 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

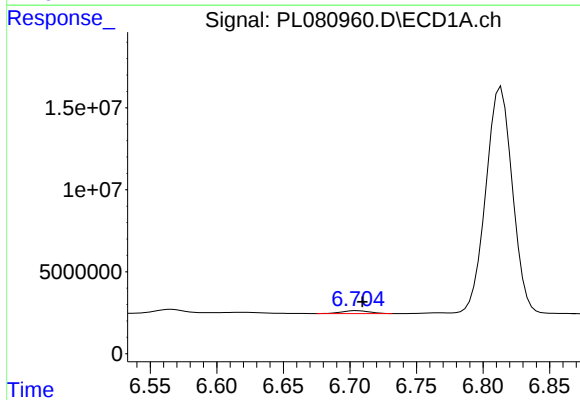
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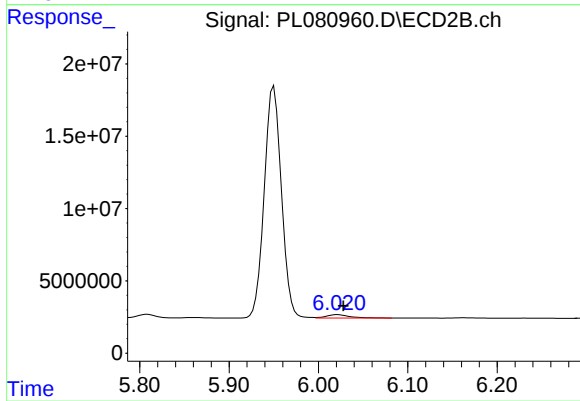
#17 4,4'-DDT

R.T.: 5.950 min
Delta R.T.: -0.008 min
Response: 214097294
Conc: 101.88 ng/ml



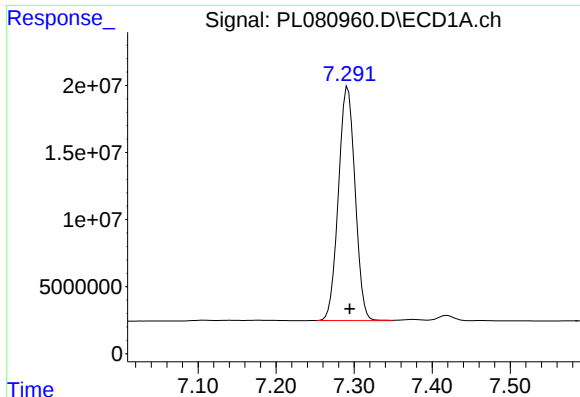
#18 Endrin aldehyde

R.T.: 6.704 min
Delta R.T.: -0.005 min
Response: 2563714
Conc: 1.54 ng/ml m



#18 Endrin aldehyde

R.T.: 6.022 min
Delta R.T.: -0.006 min
Response: 4105756
Conc: 2.25 ng/ml



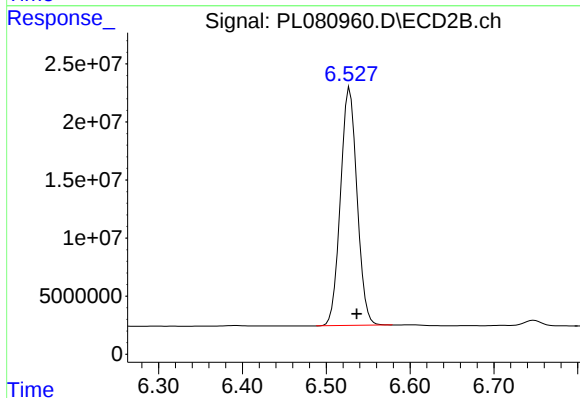
#20 Methoxychlor

R.T.: 7.292 min
Delta R.T.: -0.003 min
Response: 258269638
Conc: 234.09 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

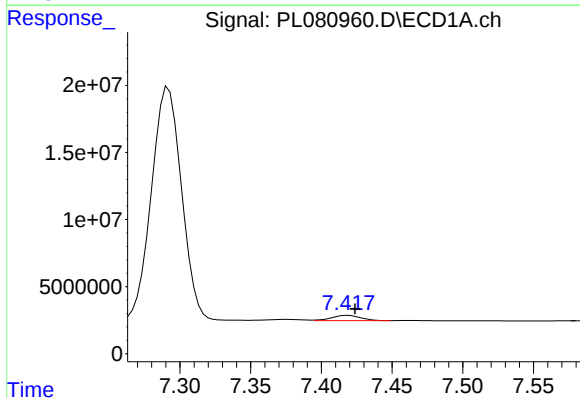
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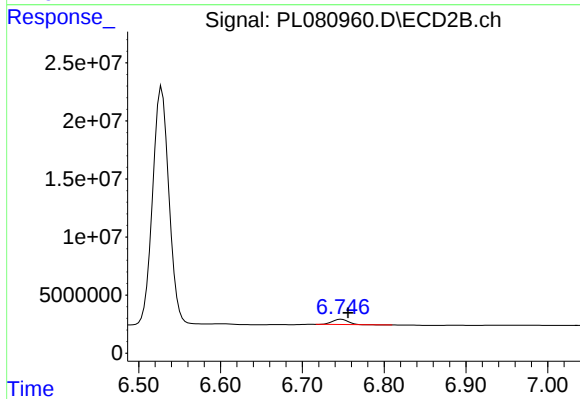
#20 Methoxychlor

R.T.: 6.527 min
Delta R.T.: -0.010 min
Response: 281228764
Conc: 231.76 ng/ml m



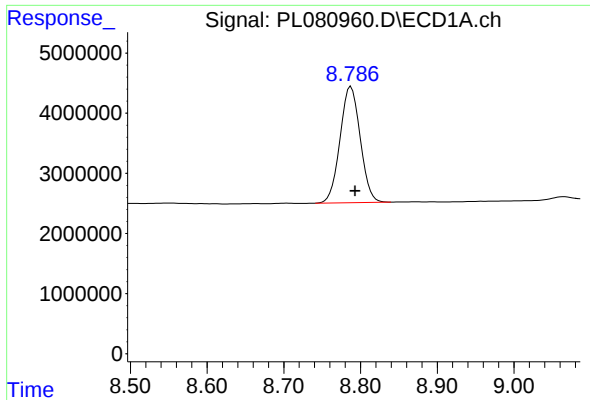
#21 Endrin ketone

R.T.: 7.419 min
Delta R.T.: -0.005 min
Response: 5572600
Conc: 2.53 ng/ml



#21 Endrin ketone

R.T.: 6.748 min
Delta R.T.: -0.008 min
Response: 6090927
Conc: 2.39 ng/ml



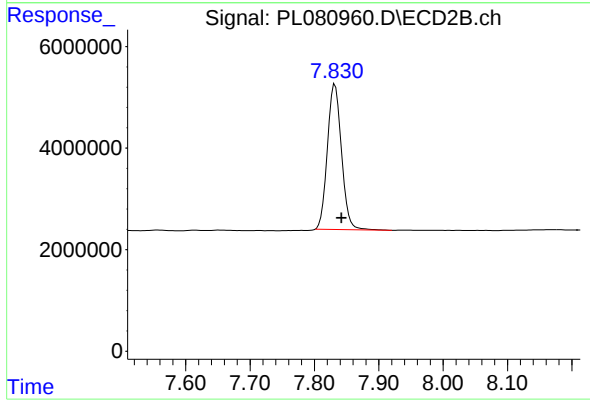
#28 Decachlorobiphenyl

R.T.: 8.787 min
Delta R.T.: -0.006 min
Response: 35452735
Conc: 20.25 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

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#28 Decachlorobiphenyl

R.T.: 7.832 min
Delta R.T.: -0.010 min
Response: 43689253
Conc: 18.34 ng/ml