

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL011023\
 Data File : PL080199.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 10 Jan 2023 11:33
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 01/11/2023
 Supervised By : Ankita Jodhani 01/11/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jan 10 20:29:39 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL010423.M
 Quant Title : GC Extractables
 QLast Update : Thu Jan 05 05:11:24 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...	3.370	2.693	41733896	40279327	20.981	17.714
28)	SA Decachlor...	8.882	7.844	35143439	39055890	20.483	17.287
Target Compounds							
2)	A alpha-BHC	3.821	3.194	28222399	26520406	9.878	7.918
3)	MA gamma-BHC...	4.152	3.523	24412287	24880702	12.421	8.113 #
6)	B beta-BHC	4.351	3.818	10063169	11862421	10.994	8.842
14)	MA Endrin	6.403	5.556	71482158	96110378	46.610	42.706
16)	A 4,4'-DDD	6.553	5.710	2288042	1082473	1.739m	0.587 #
17)	MA 4,4'-DDT	6.870	5.961	148.1E6	187.3E6	99.065	91.994
18)	B Endrin al...	6.757	6.031	1584769	2655926	1.304	1.513m
20)	A Methoxychlor	7.361	6.540	212.4E6	250.6E6	238.823	218.650
21)	B Endrin ke...	7.478	6.758	4144193	5019489	2.329	2.060

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

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Acq On : 10 Jan 2023 11:33
Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

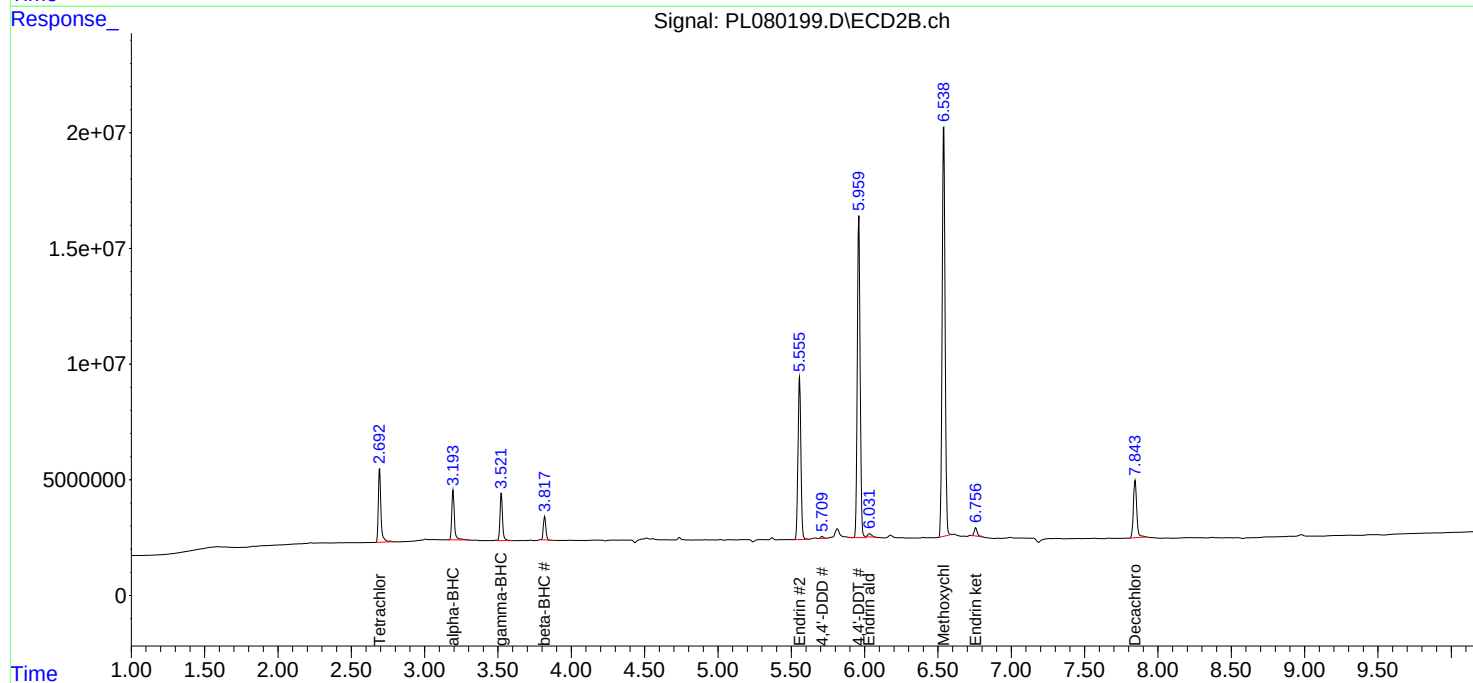
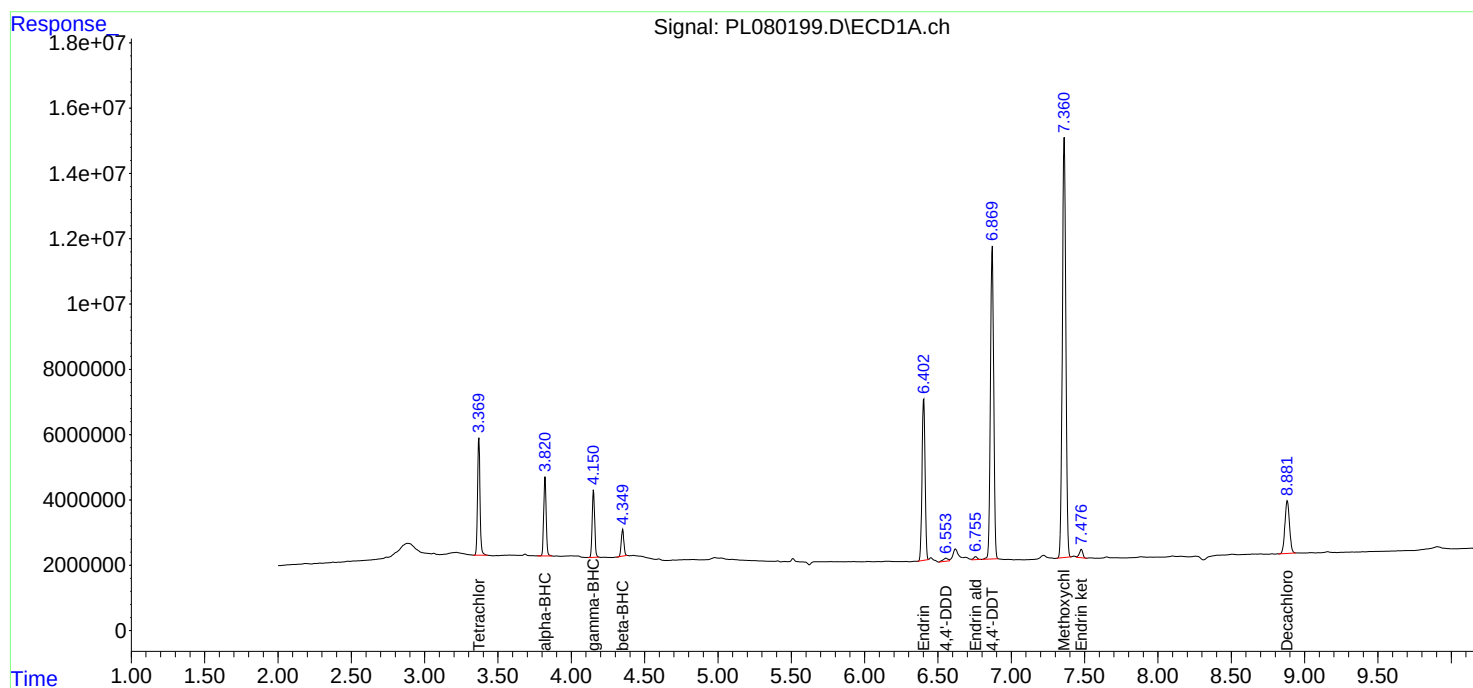
Instrument :
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ClientSampleId :
PEM

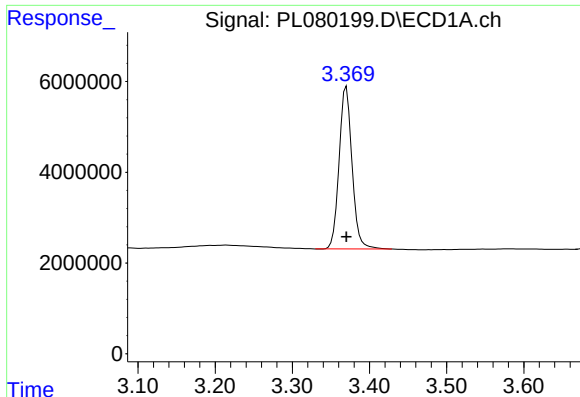
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Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
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Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL010423.M
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Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
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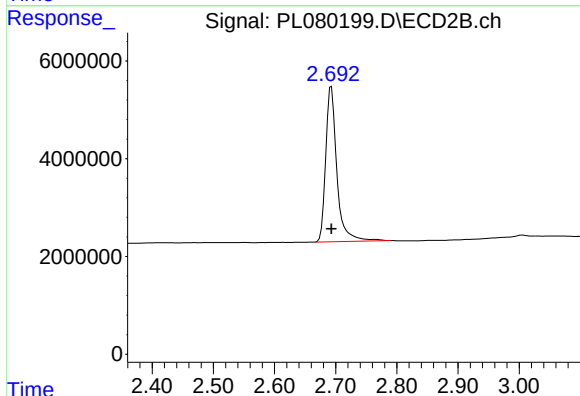
#1 Tetrachloro-m-xylene

R.T.: 3.370 min
Delta R.T.: 0.000 min
Response: 41733896
Conc: 20.98 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

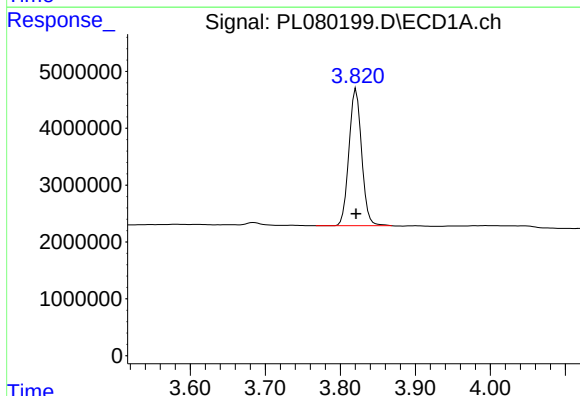
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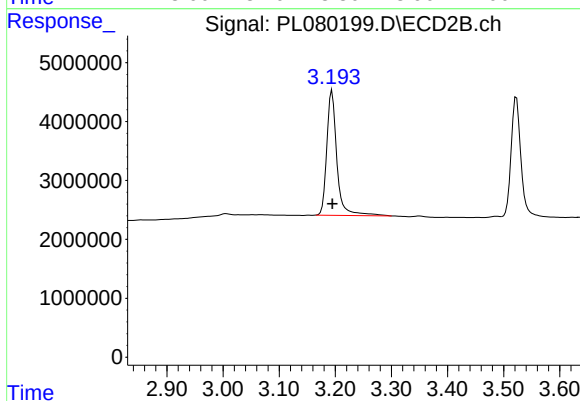
#1 Tetrachloro-m-xylene

R.T.: 2.693 min
Delta R.T.: 0.000 min
Response: 40279327
Conc: 17.71 ng/ml



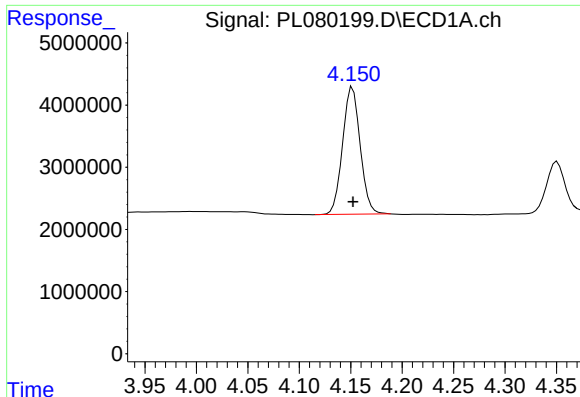
#2 alpha-BHC

R.T.: 3.821 min
Delta R.T.: 0.000 min
Response: 28222399
Conc: 9.88 ng/ml



#2 alpha-BHC

R.T.: 3.194 min
Delta R.T.: 0.000 min
Response: 26520406
Conc: 7.92 ng/ml



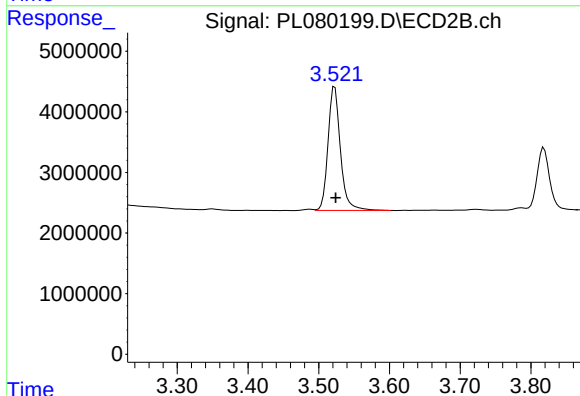
#3 gamma-BHC (Lindane)

R.T.: 4.152 min
Delta R.T.: 0.000 min
Response: 24412287
Conc: 12.42 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

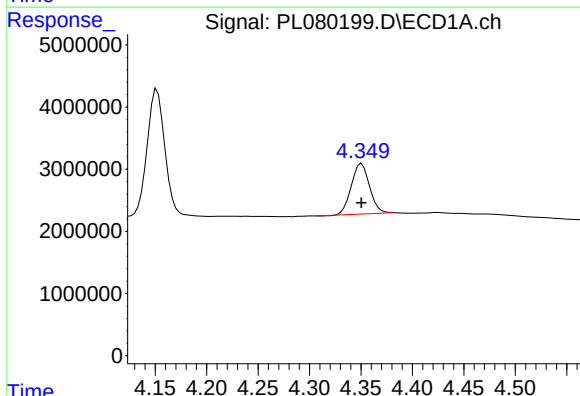
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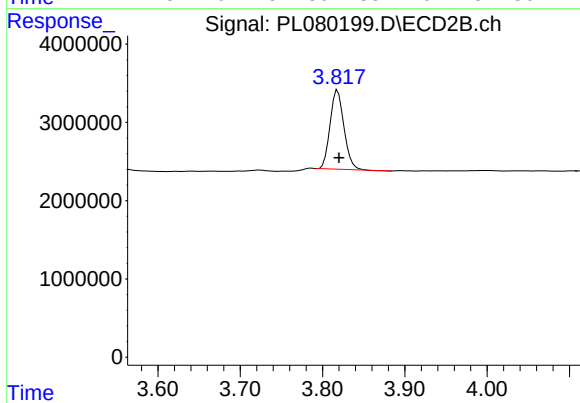
#3 gamma-BHC (Lindane)

R.T.: 3.523 min
Delta R.T.: -0.001 min
Response: 24880702
Conc: 8.11 ng/ml



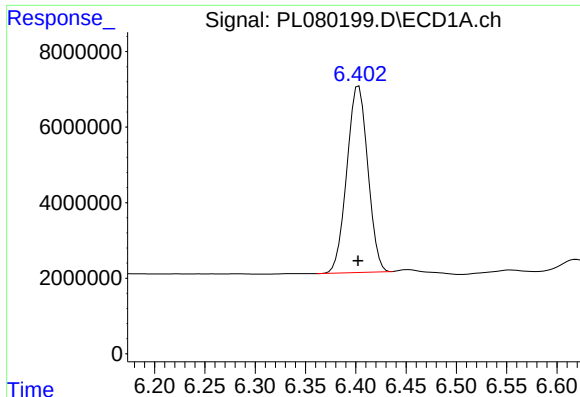
#6 beta-BHC

R.T.: 4.351 min
Delta R.T.: 0.000 min
Response: 10063169
Conc: 10.99 ng/ml



#6 beta-BHC

R.T.: 3.818 min
Delta R.T.: -0.002 min
Response: 11862421
Conc: 8.84 ng/ml



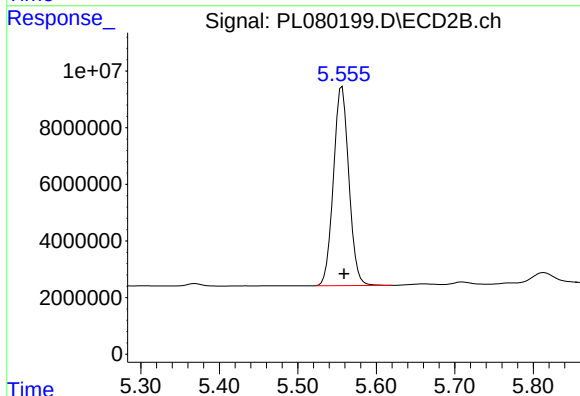
#14 Endrin

R.T.: 6.403 min
Delta R.T.: 0.000 min
Response: 71482158
Conc: 46.61 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

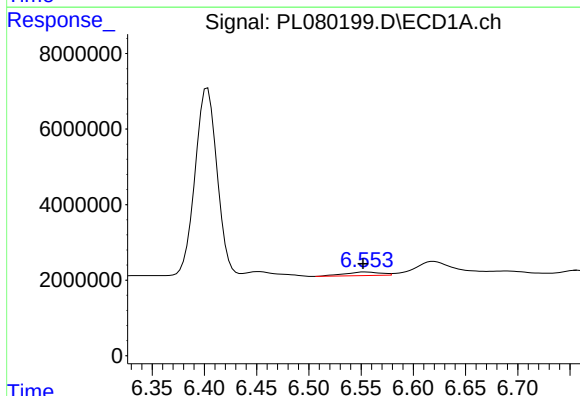
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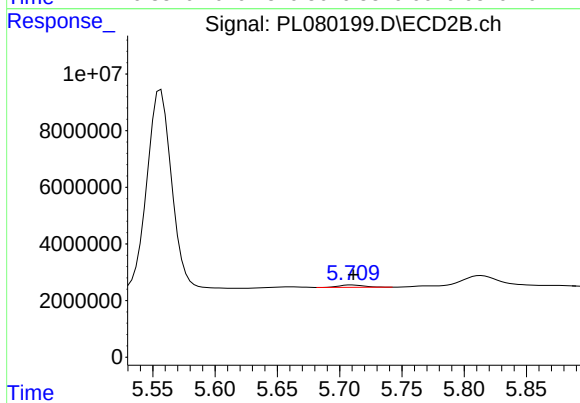
#14 Endrin

R.T.: 5.556 min
Delta R.T.: -0.003 min
Response: 96110378
Conc: 42.71 ng/ml



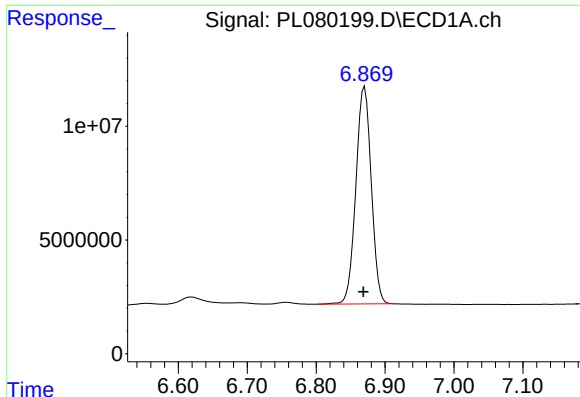
#16 4,4'-DDD

R.T.: 6.553 min
Delta R.T.: 0.000 min
Response: 2288042
Conc: 1.74 ng/ml m



#16 4,4'-DDD

R.T.: 5.710 min
Delta R.T.: 0.000 min
Response: 1082473
Conc: 0.59 ng/ml



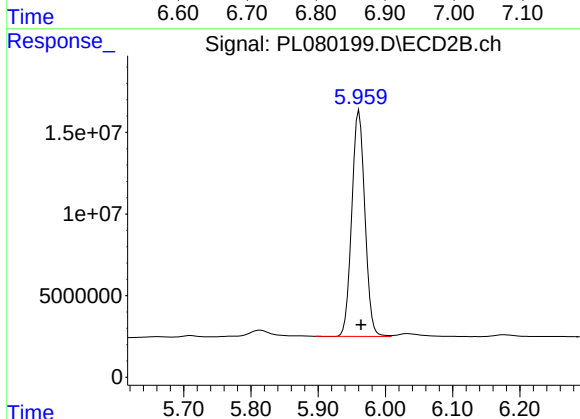
#17 4,4'-DDT

R.T.: 6.870 min
Delta R.T.: 0.002 min
Response: 148099376
Conc: 99.07 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

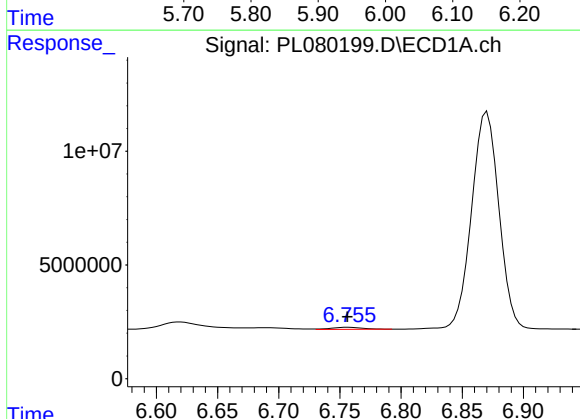
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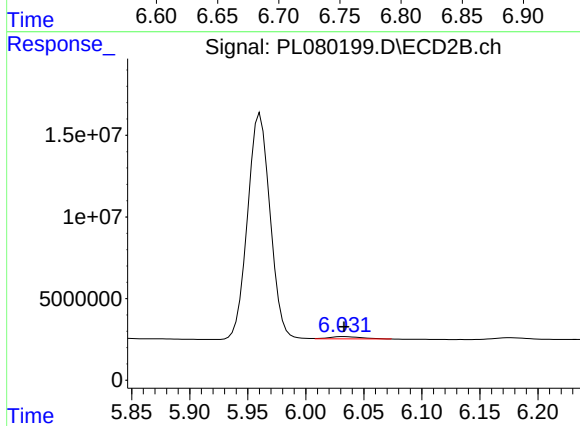
#17 4,4'-DDT

R.T.: 5.961 min
Delta R.T.: -0.003 min
Response: 187317845
Conc: 91.99 ng/ml



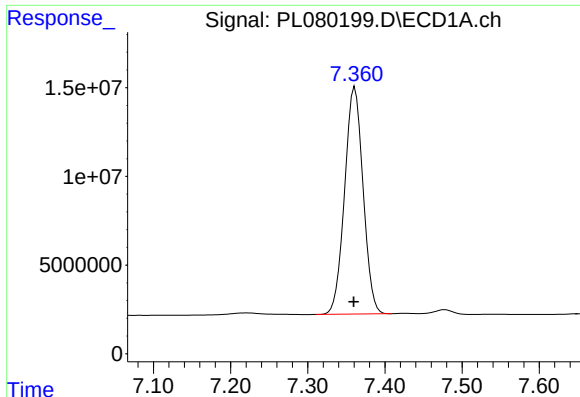
#18 Endrin aldehyde

R.T.: 6.757 min
Delta R.T.: 0.000 min
Response: 1584769
Conc: 1.30 ng/ml



#18 Endrin aldehyde

R.T.: 6.031 min
Delta R.T.: -0.002 min
Response: 2655926
Conc: 1.51 ng/ml m



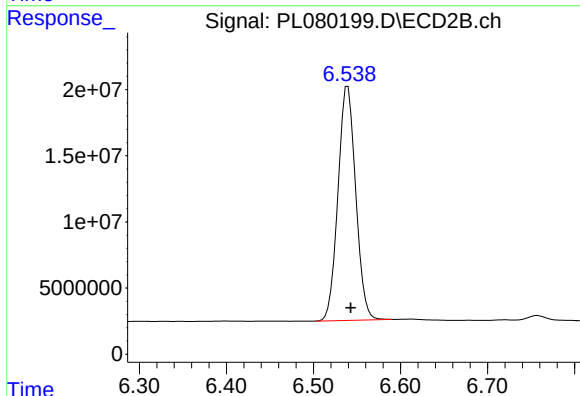
#20 Methoxychlor

R.T.: 7.361 min
Delta R.T.: 0.002 min
Response: 212376192
Conc: 238.82 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

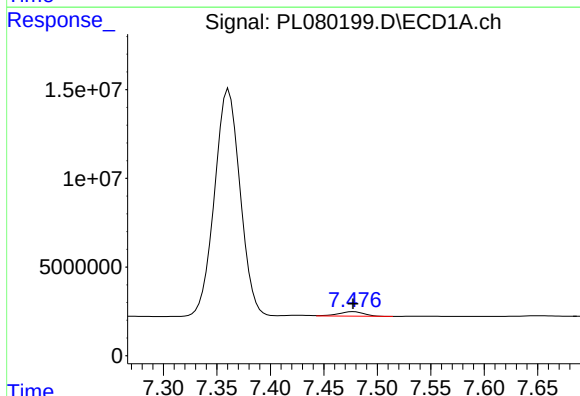
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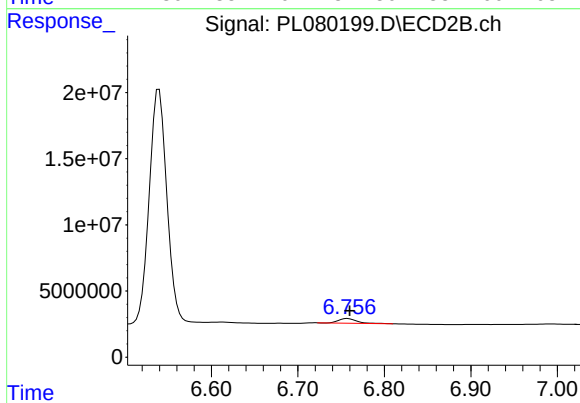
#20 Methoxychlor

R.T.: 6.540 min
Delta R.T.: -0.003 min
Response: 250589907
Conc: 218.65 ng/ml



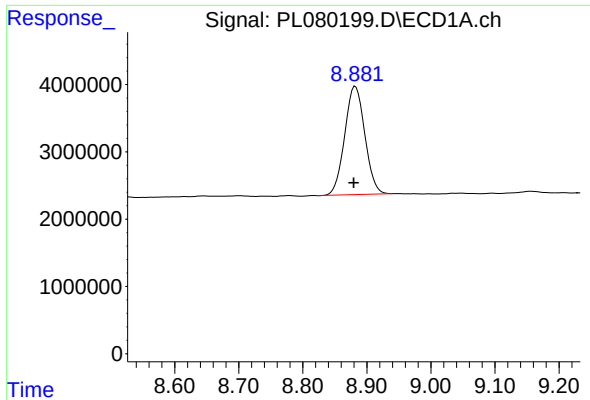
#21 Endrin ketone

R.T.: 7.478 min
Delta R.T.: 0.000 min
Response: 4144193
Conc: 2.33 ng/ml



#21 Endrin ketone

R.T.: 6.758 min
Delta R.T.: -0.002 min
Response: 5019489
Conc: 2.06 ng/ml



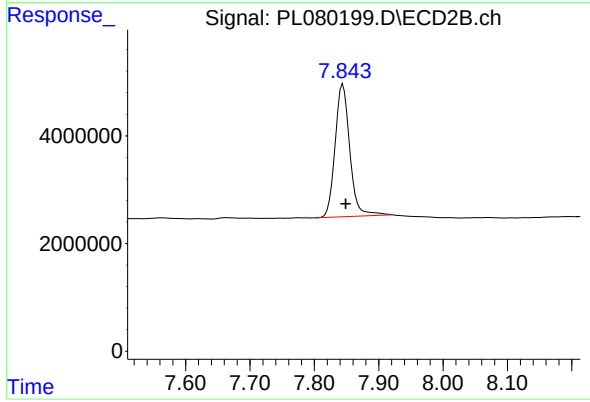
#28 Decachlorobiphenyl

R.T.: 8.882 min
Delta R.T.: 0.002 min
Response: 35143439
Conc: 20.48 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

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#28 Decachlorobiphenyl

R.T.: 7.844 min
Delta R.T.: -0.005 min
Response: 39055890
Conc: 17.29 ng/ml