

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL060123\
 Data File : PL083137.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 01 Jun 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 06/02/2023
 Supervised By : Ankita Jodhani 06/02/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 01 20:56:42 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL051923.M
 Quant Title : GC Extractables
 QLast Update : Sat May 20 04:58:53 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...	3.319	2.637	53500800	45102499	18.204	17.373
28)	SA Decachlor...	8.738	7.742	41539718	45236397	19.806	18.192
Target Compounds							
2)	A alpha-BHC	3.768	3.133	36888554	27941987	8.310	7.488
3)	MA gamma-BHC...	4.096	3.460	36101269	26472702	8.714	7.942
6)	B beta-BHC	4.300	3.760	17564928	14038487	9.329	9.817
12)	B 4,4'-DDE	5.948	5.068	496825	301273	0.180	0.124m#
14)	MA Endrin	6.320	5.473	105.8E6	95945039	39.388	37.819
16)	A 4,4'-DDD	6.464	5.624	9039505	7328025	4.160	3.810
17)	MA 4,4'-DDT	6.776	5.872	211.0E6	189.2E6	84.308	84.797
18)	B Endrin al...	6.673	5.950	4082622	4072420	2.031	2.059
20)	A Methoxychlor	7.257	6.451	278.2E6	252.1E6	210.410	198.237
21)	B Endrin ke...	7.385	6.676	8757308	9219977	3.433m	3.410

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

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Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

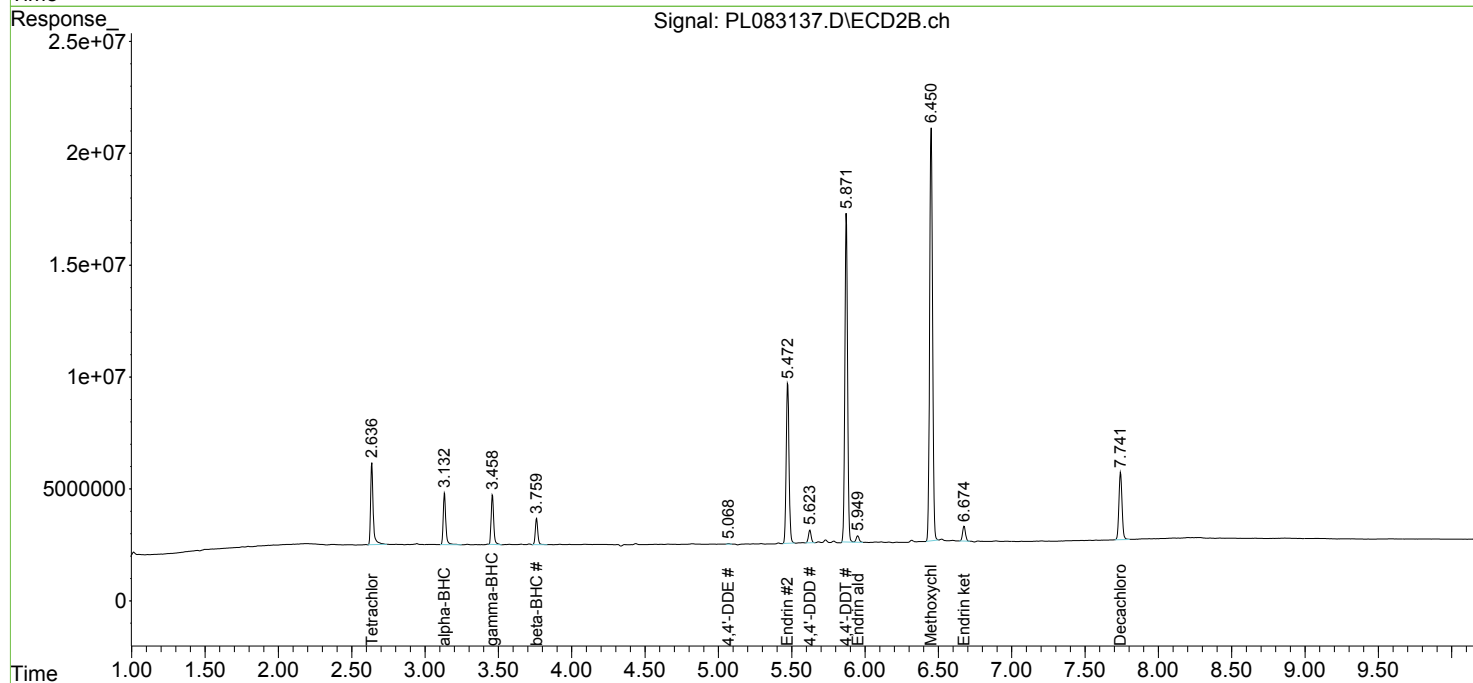
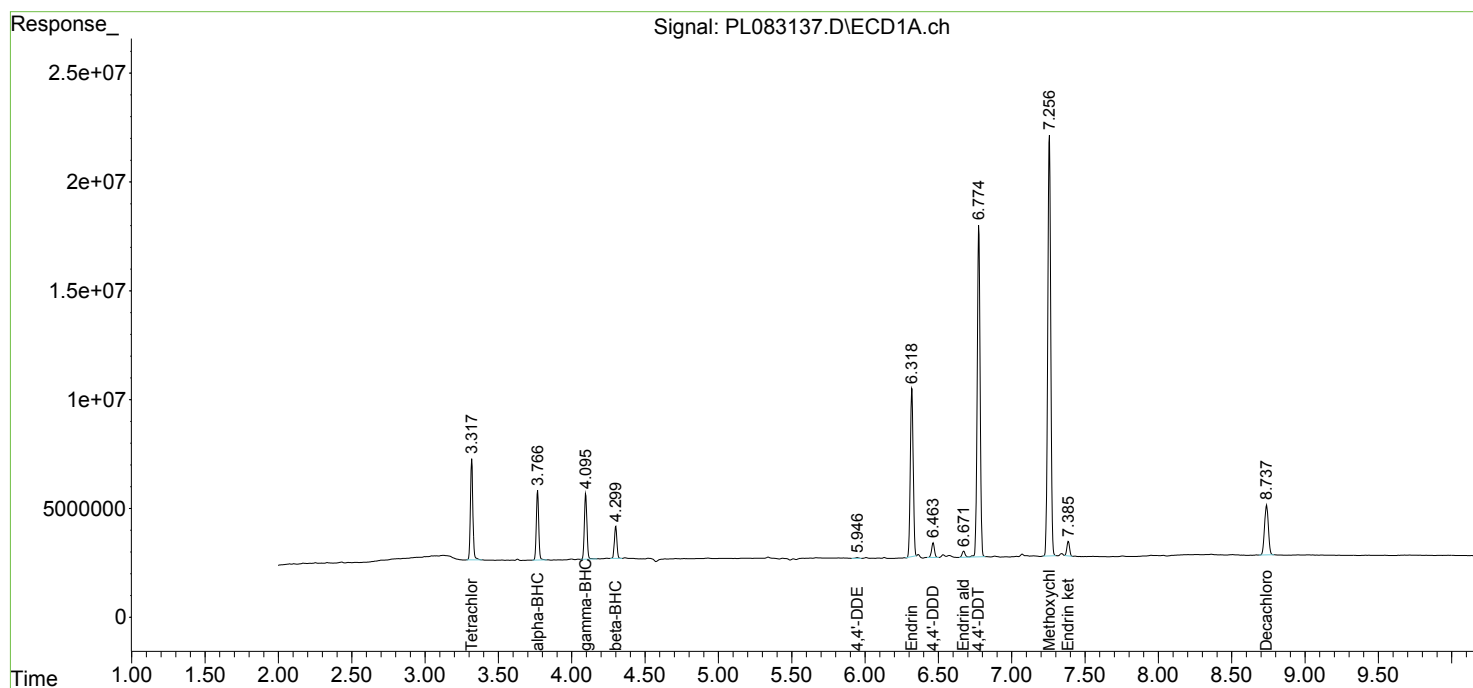
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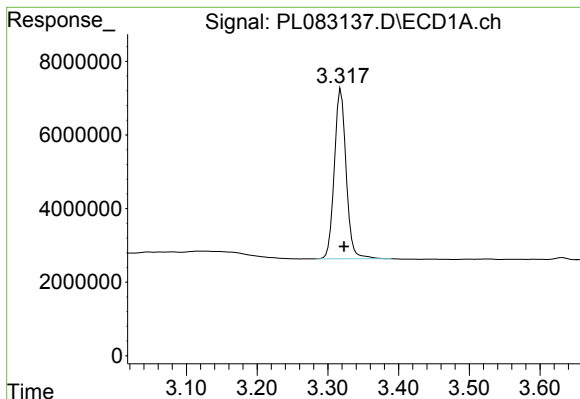
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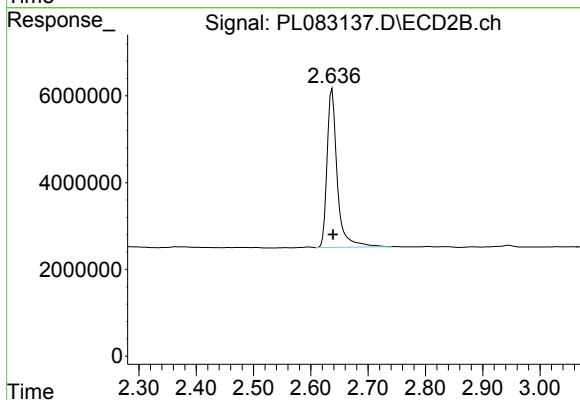
#1 Tetrachloro-m-xylene

R.T.: 3.319 min
Delta R.T.: -0.004 min
Response: 53500800
Conc: 18.20 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

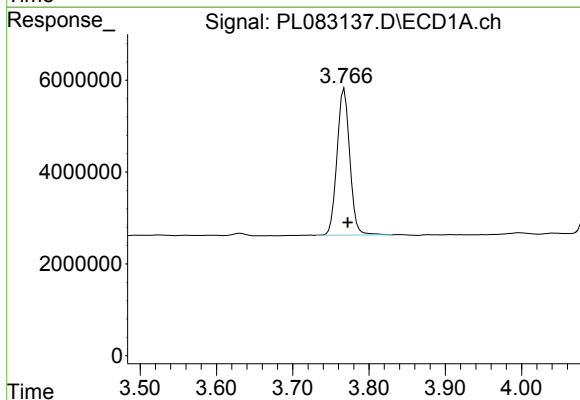
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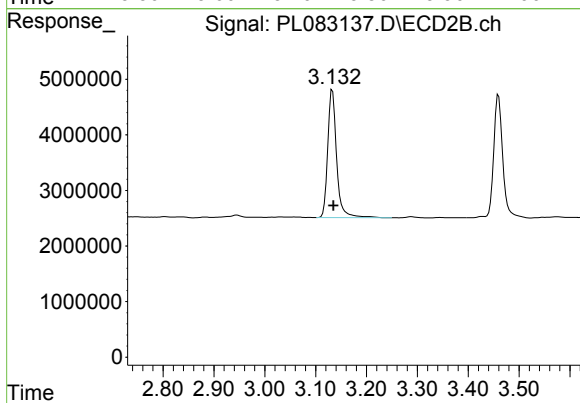
#1 Tetrachloro-m-xylene

R.T.: 2.637 min
Delta R.T.: -0.002 min
Response: 45102499
Conc: 17.37 ng/ml



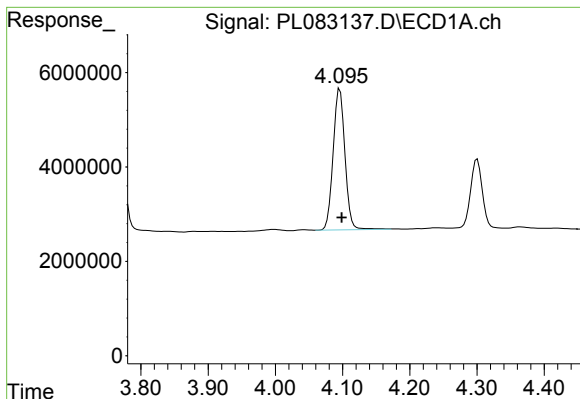
#2 alpha-BHC

R.T.: 3.768 min
Delta R.T.: -0.004 min
Response: 36888554
Conc: 8.31 ng/ml



#2 alpha-BHC

R.T.: 3.133 min
Delta R.T.: -0.002 min
Response: 27941987
Conc: 7.49 ng/ml



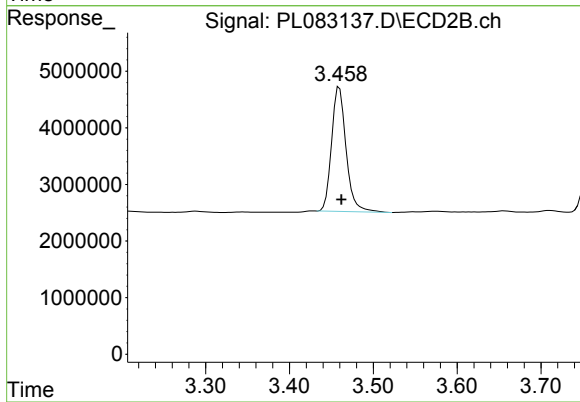
#3 gamma-BHC (Lindane)

R.T.: 4.096 min
Delta R.T.: -0.003 min
Response: 36101269
Conc: 8.71 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

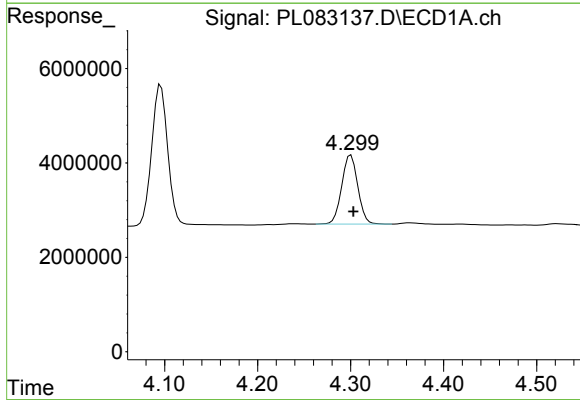
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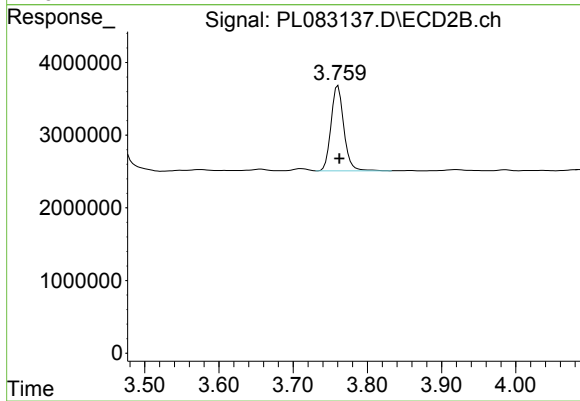
#3 gamma-BHC (Lindane)

R.T.: 3.460 min
Delta R.T.: -0.002 min
Response: 26472702
Conc: 7.94 ng/ml



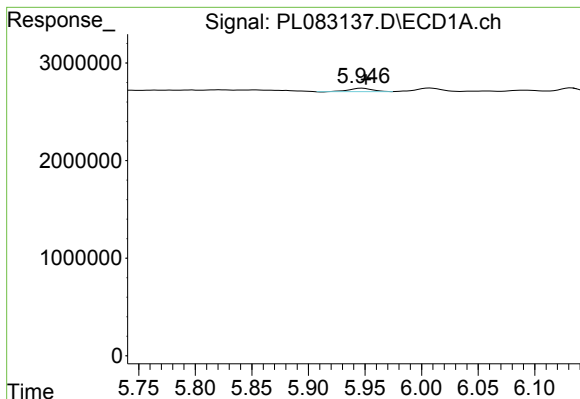
#6 beta-BHC

R.T.: 4.300 min
Delta R.T.: -0.003 min
Response: 17564928
Conc: 9.33 ng/ml



#6 beta-BHC

R.T.: 3.760 min
Delta R.T.: -0.002 min
Response: 14038487
Conc: 9.82 ng/ml



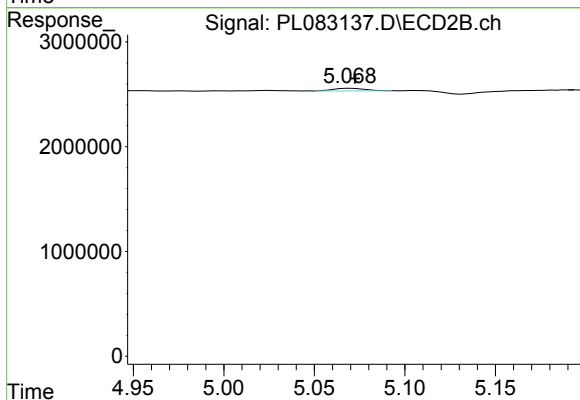
#12 4,4'-DDE

R.T.: 5.948 min
Delta R.T.: -0.003 min
Response: 496825
Conc: 0.18 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

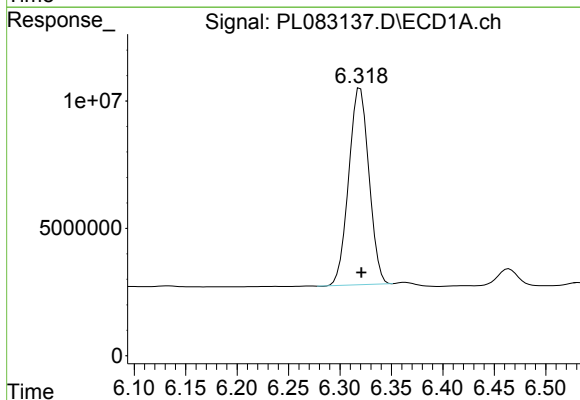
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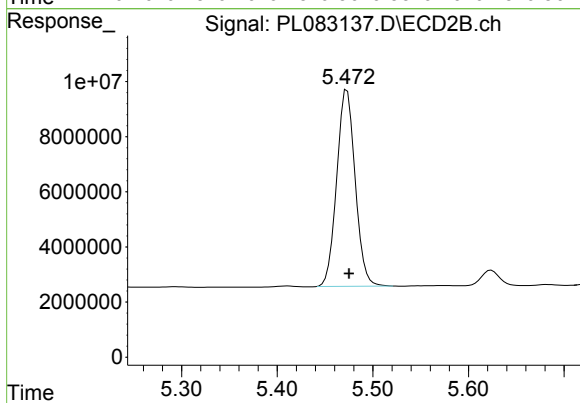
#12 4,4'-DDE

R.T.: 5.068 min
Delta R.T.: -0.004 min
Response: 301273
Conc: 0.12 ng/ml m



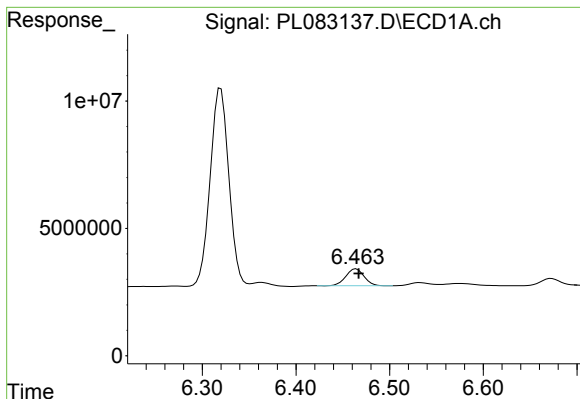
#14 Endrin

R.T.: 6.320 min
Delta R.T.: -0.001 min
Response: 105846437
Conc: 39.39 ng/ml



#14 Endrin

R.T.: 5.473 min
Delta R.T.: -0.002 min
Response: 95945039
Conc: 37.82 ng/ml



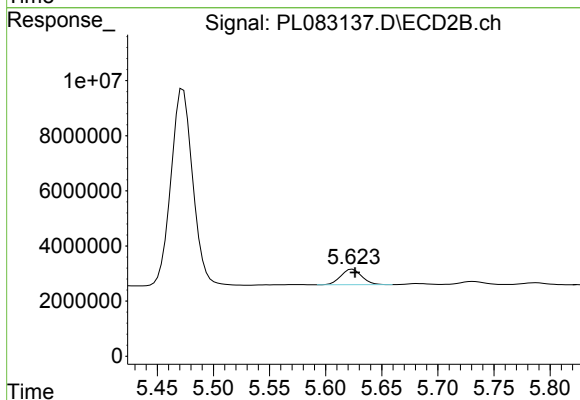
#16 4,4'-DDD

R.T.: 6.464 min
Delta R.T.: -0.003 min
Response: 9039505
Conc: 4.16 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

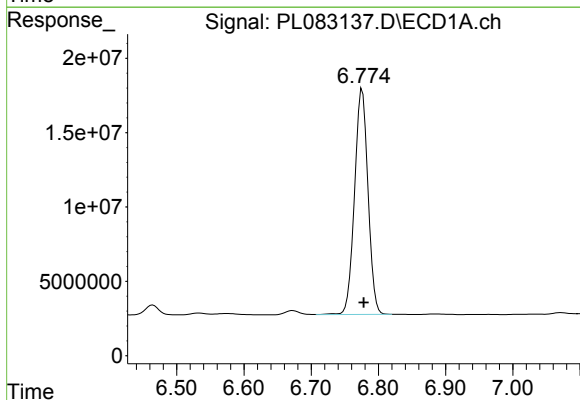
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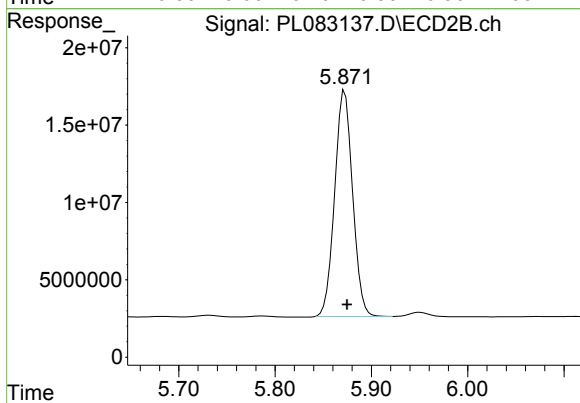
#16 4,4'-DDD

R.T.: 5.624 min
Delta R.T.: -0.002 min
Response: 7328025
Conc: 3.81 ng/ml



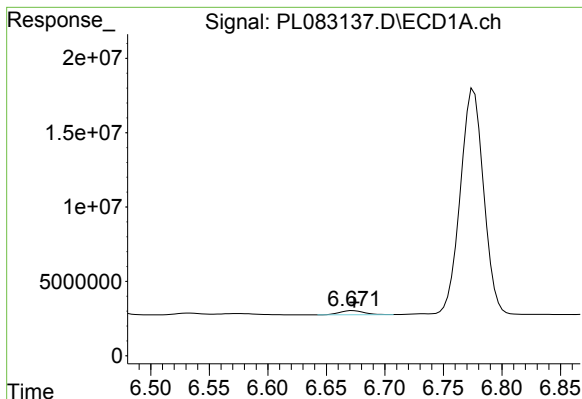
#17 4,4'-DDT

R.T.: 6.776 min
Delta R.T.: -0.002 min
Response: 211038560
Conc: 84.31 ng/ml



#17 4,4'-DDT

R.T.: 5.872 min
Delta R.T.: -0.002 min
Response: 189184699
Conc: 84.80 ng/ml



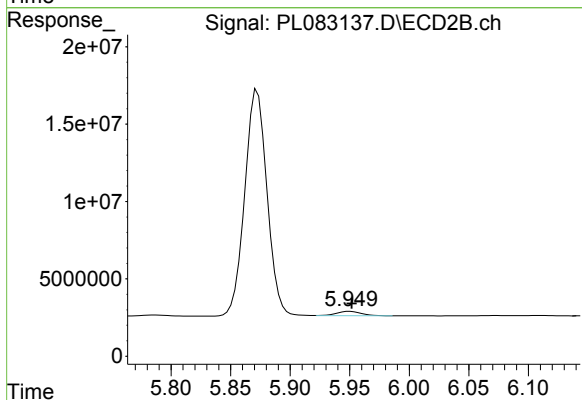
#18 Endrin aldehyde

R.T.: 6.673 min
Delta R.T.: -0.001 min
Response: 4082622
Conc: 2.03 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

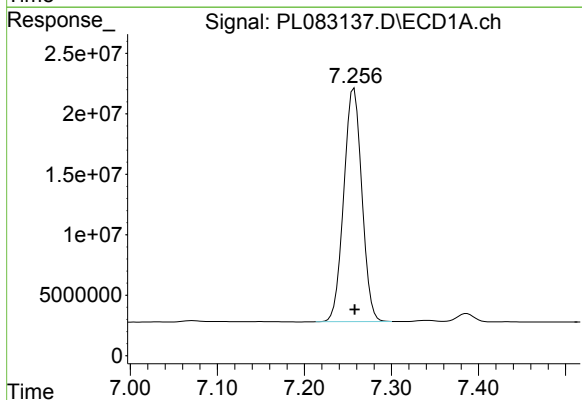
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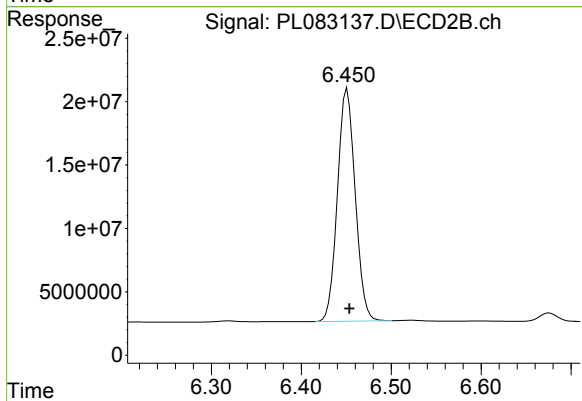
#18 Endrin aldehyde

R.T.: 5.950 min
Delta R.T.: -0.001 min
Response: 4072420
Conc: 2.06 ng/ml



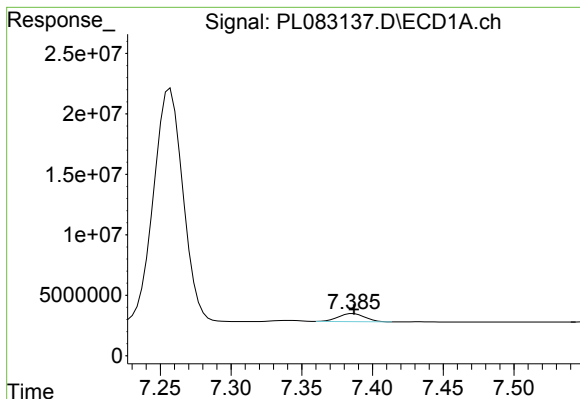
#20 Methoxychlor

R.T.: 7.257 min
Delta R.T.: 0.000 min
Response: 278241793
Conc: 210.41 ng/ml



#20 Methoxychlor

R.T.: 6.451 min
Delta R.T.: -0.003 min
Response: 252107710
Conc: 198.24 ng/ml



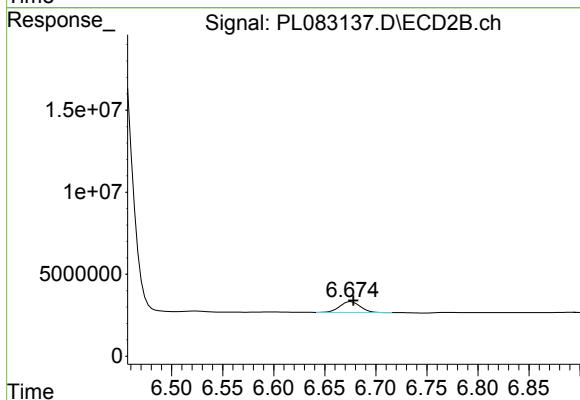
#21 Endrin ketone

R.T.: 7.385 min
Delta R.T.: -0.002 min
Response: 8757308
Conc: 3.43 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

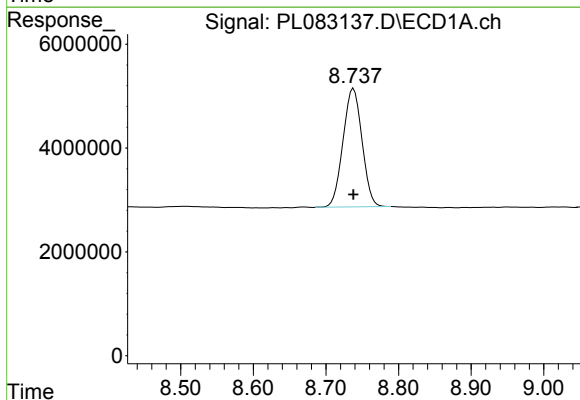
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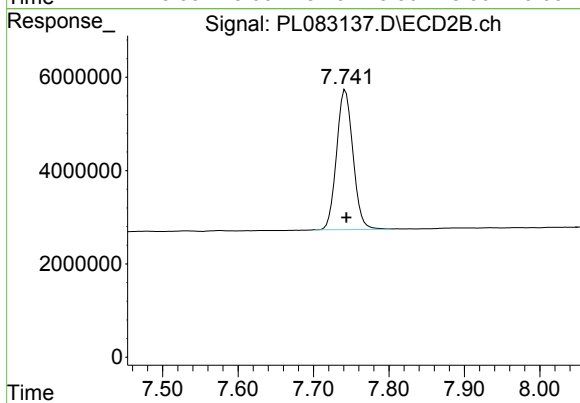
#21 Endrin ketone

R.T.: 6.676 min
Delta R.T.: -0.002 min
Response: 9219977
Conc: 3.41 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.738 min
Delta R.T.: 0.000 min
Response: 41539718
Conc: 19.81 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.742 min
Delta R.T.: -0.001 min
Response: 45236397
Conc: 18.19 ng/ml