

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL052623\
 Data File : PL083050.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 26 May 2023 16:24
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 05/30/2023
 Supervised By : Ankita Jodhani 05/30/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 26 21:50:44 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...	3.316	2.636	51634258	45698246	17.569	17.603
28)	SA Decachlor...	8.733	7.740	40394371	47840074	19.260	19.240
Target Compounds							
2)	A alpha-BHC	3.764	3.132	34785411	29393420	7.836	7.877
3)	MA gamma-BHC...	4.093	3.458	34255375	27394022	8.268	8.218
6)	B beta-BHC	4.297	3.759	16946716	14462310	9.001	10.113
14)	MA Endrin	6.315	5.472	111.8E6	103.9E6	41.619	40.952
16)	A 4,4'-DDD	6.462	5.623	452692	539575	0.208	0.281 #
17)	MA 4,4'-DDT	6.772	5.871	220.5E6	209.1E6	88.099	93.707
18)	B Endrin al...	6.668	5.949	2625355	4314853	1.306	2.182 #
20)	A Methoxychlor	7.252	6.450	301.8E6	284.8E6	228.241	223.959
21)	B Endrin ke...	7.380	6.672	4053645	5255457	1.589m	1.944m

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

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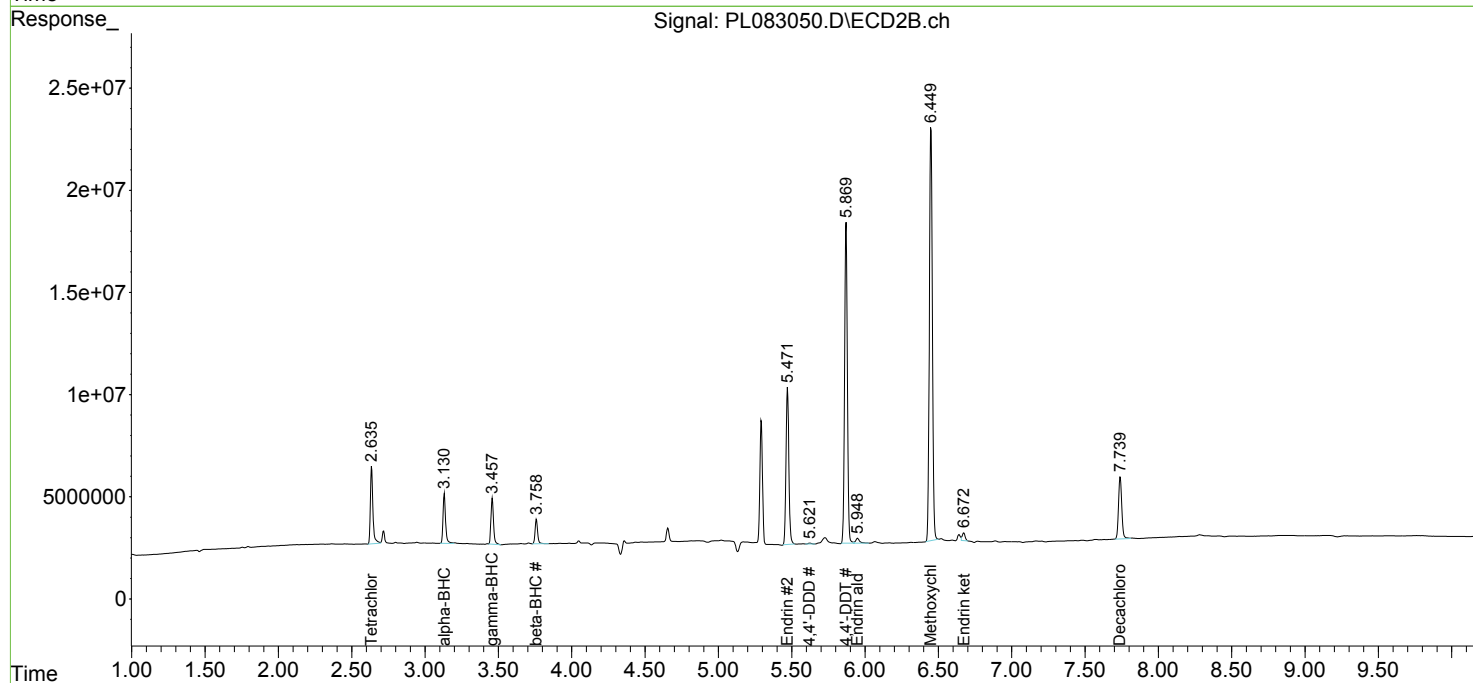
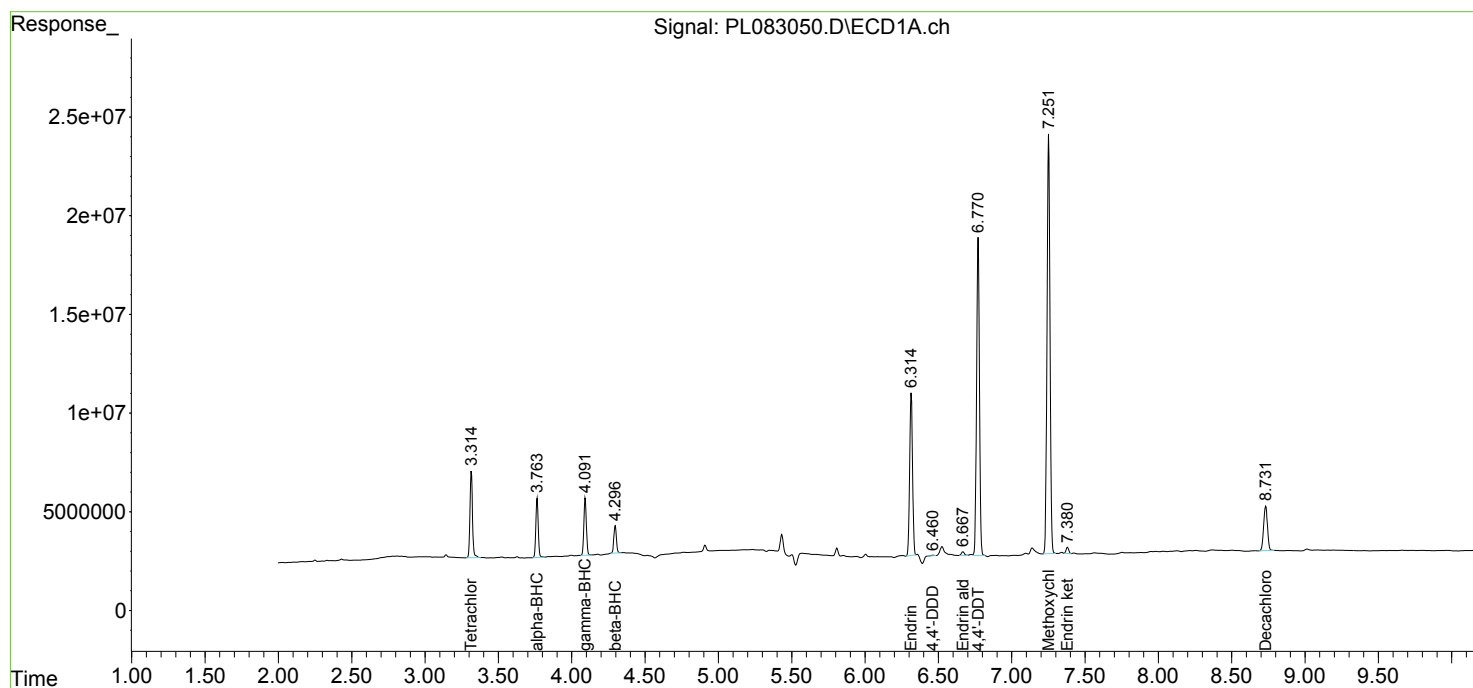
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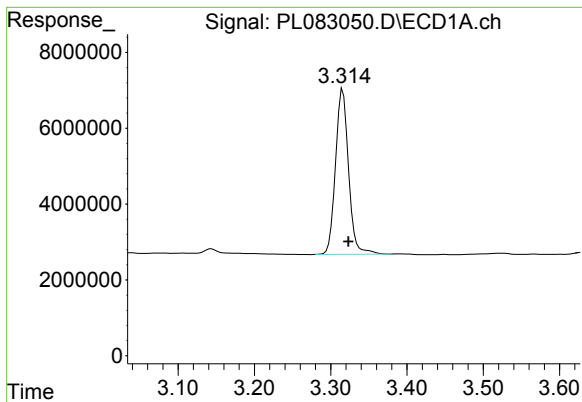
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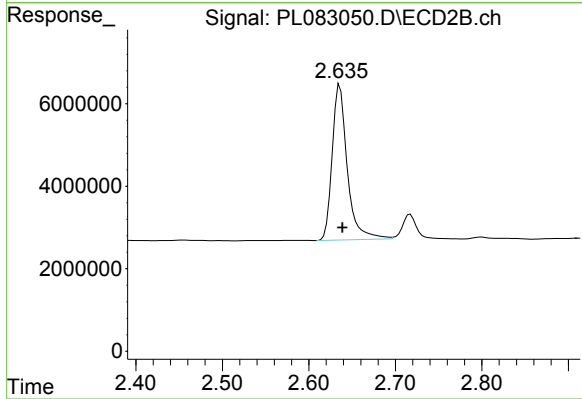
#1 Tetrachloro-m-xylene

R.T.: 3.316 min
Delta R.T.: -0.007 min
Response: 51634258
Conc: 17.57 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

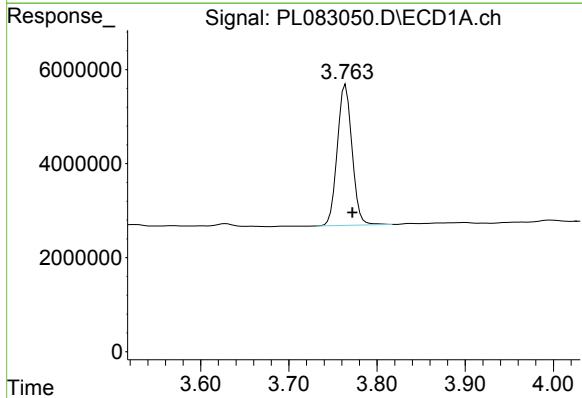
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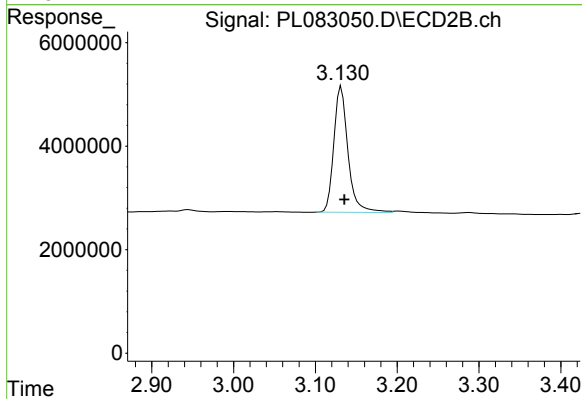
#1 Tetrachloro-m-xylene

R.T.: 2.636 min
Delta R.T.: -0.003 min
Response: 45698246
Conc: 17.60 ng/ml



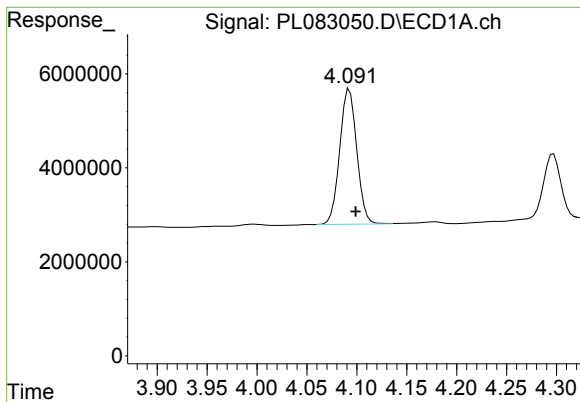
#2 alpha-BHC

R.T.: 3.764 min
Delta R.T.: -0.008 min
Response: 34785411
Conc: 7.84 ng/ml



#2 alpha-BHC

R.T.: 3.132 min
Delta R.T.: -0.003 min
Response: 29393420
Conc: 7.88 ng/ml



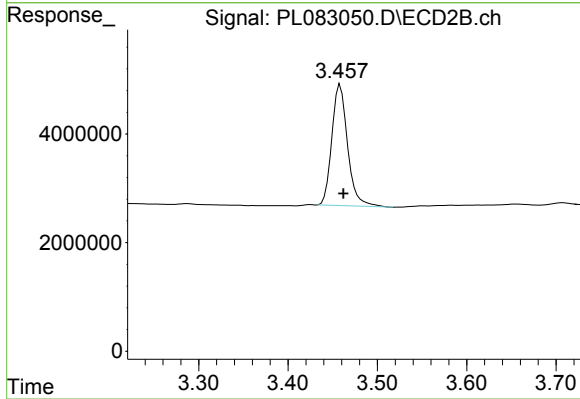
#3 gamma-BHC (Lindane)

R.T.: 4.093 min
Delta R.T.: -0.006 min
Response: 34255375
Conc: 8.27 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

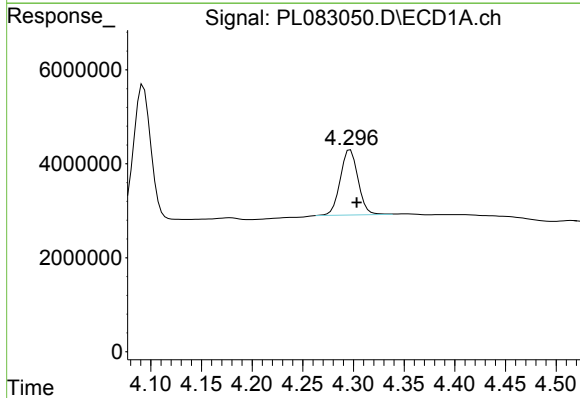
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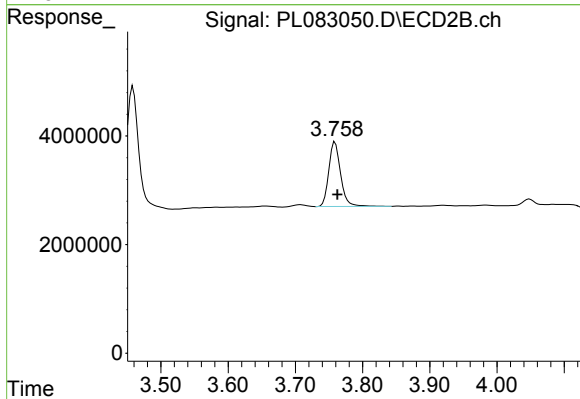
#3 gamma-BHC (Lindane)

R.T.: 3.458 min
Delta R.T.: -0.003 min
Response: 27394022
Conc: 8.22 ng/ml



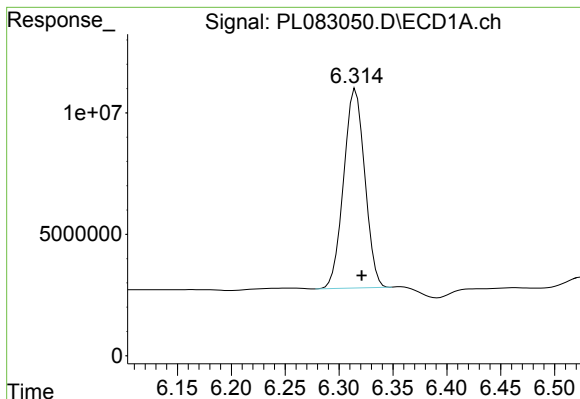
#6 beta-BHC

R.T.: 4.297 min
Delta R.T.: -0.006 min
Response: 16946716
Conc: 9.00 ng/ml



#6 beta-BHC

R.T.: 3.759 min
Delta R.T.: -0.003 min
Response: 14462310
Conc: 10.11 ng/ml



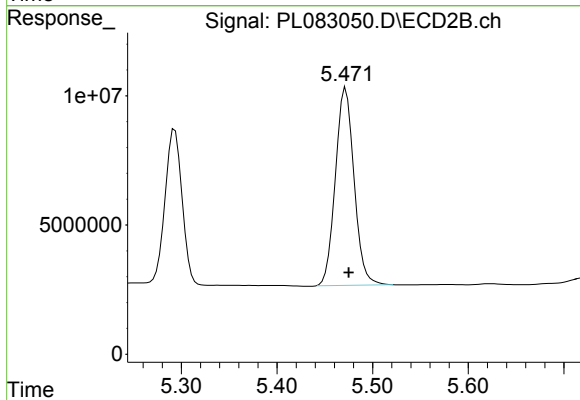
#14 Endrin

R.T.: 6.315 min
Delta R.T.: -0.006 min
Response: 111840081
Conc: 41.62 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

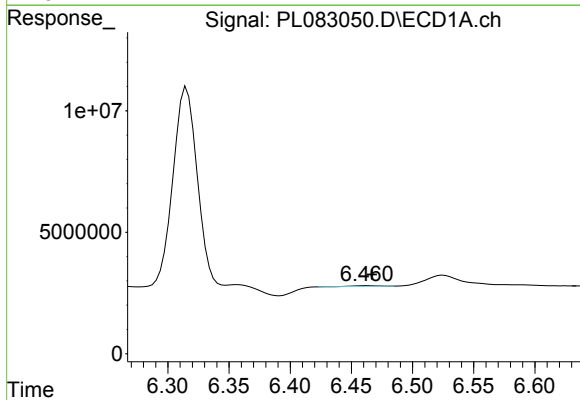
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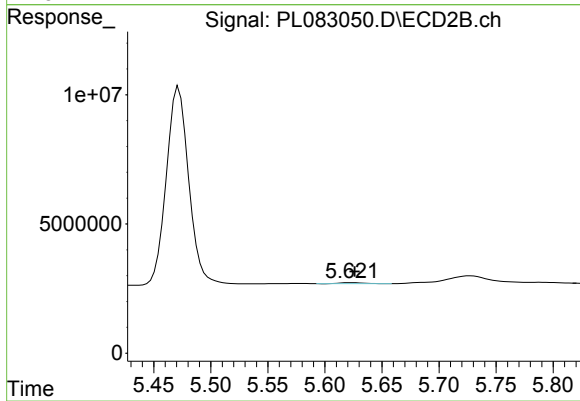
#14 Endrin

R.T.: 5.472 min
Delta R.T.: -0.003 min
Response: 103893120
Conc: 40.95 ng/ml



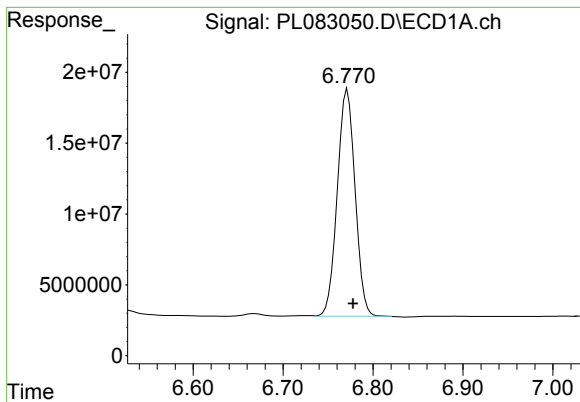
#16 4,4'-DDD

R.T.: 6.462 min
Delta R.T.: -0.005 min
Response: 452692
Conc: 0.21 ng/ml



#16 4,4'-DDD

R.T.: 5.623 min
Delta R.T.: -0.003 min
Response: 539575
Conc: 0.28 ng/ml



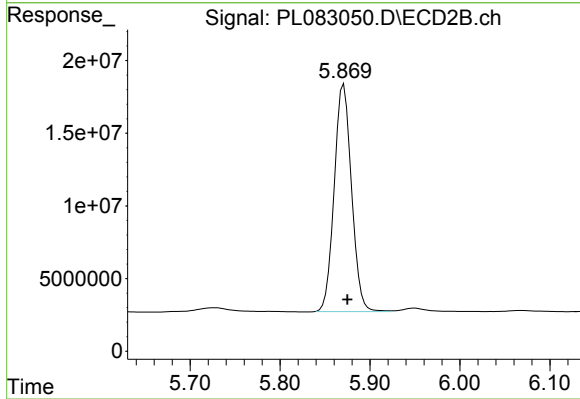
#17 4,4'-DDT

R.T.: 6.772 min
Delta R.T.: -0.006 min
Response: 220526401
Conc: 88.10 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

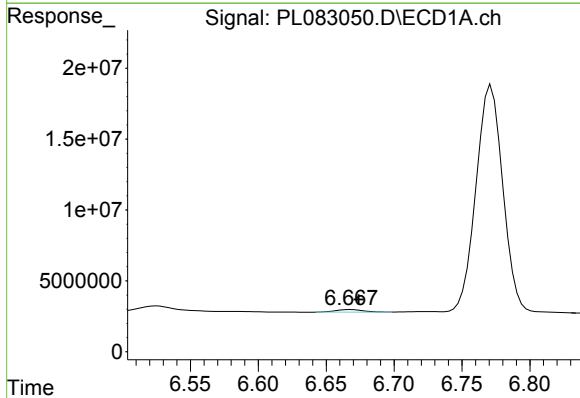
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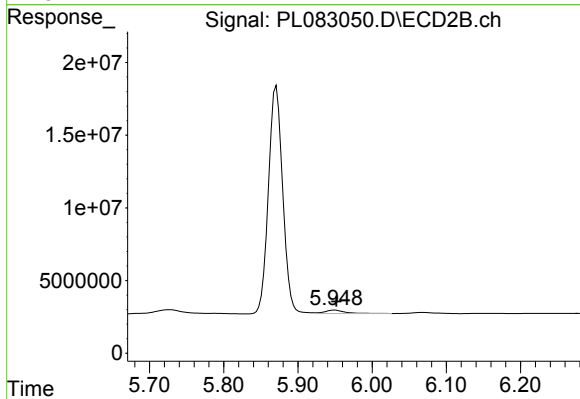
#17 4,4'-DDT

R.T.: 5.871 min
Delta R.T.: -0.004 min
Response: 209062321
Conc: 93.71 ng/ml



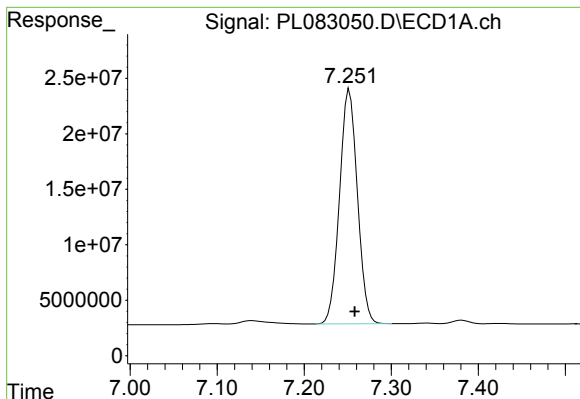
#18 Endrin aldehyde

R.T.: 6.668 min
Delta R.T.: -0.006 min
Response: 2625355
Conc: 1.31 ng/ml



#18 Endrin aldehyde

R.T.: 5.949 min
Delta R.T.: -0.002 min
Response: 4314853
Conc: 2.18 ng/ml



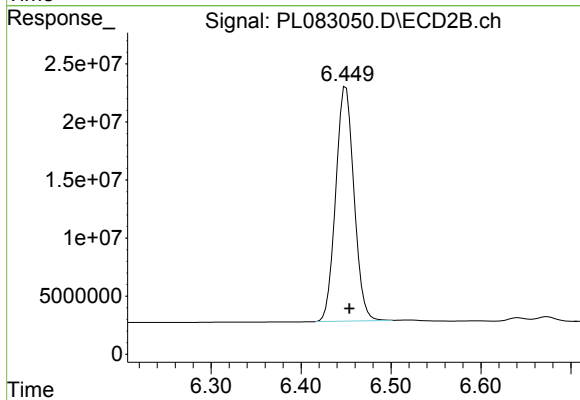
#20 Methoxychlor

R.T.: 7.252 min
Delta R.T.: -0.006 min
Response: 301821070
Conc: 228.24 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

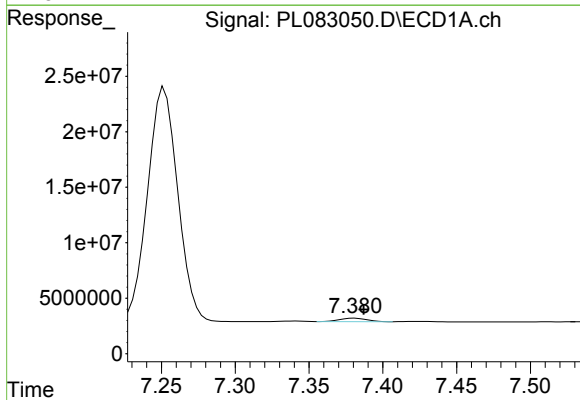
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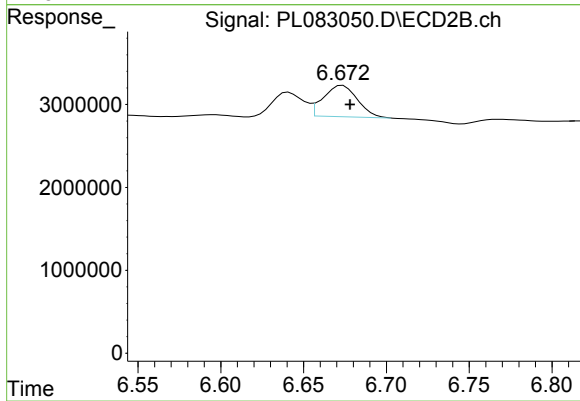
#20 Methoxychlor

R.T.: 6.450 min
Delta R.T.: -0.004 min
Response: 284818989
Conc: 223.96 ng/ml



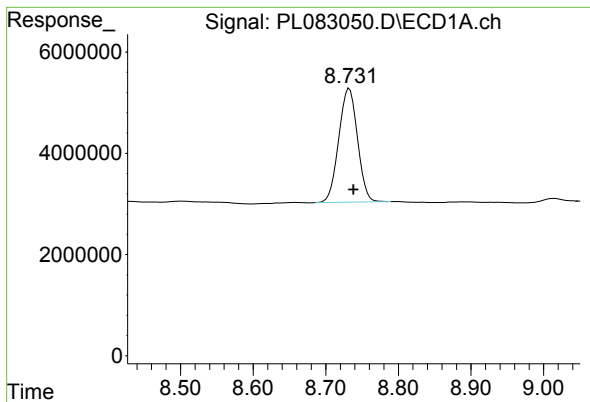
#21 Endrin ketone

R.T.: 7.380 min
Delta R.T.: -0.007 min
Response: 4053645
Conc: 1.59 ng/ml m



#21 Endrin ketone

R.T.: 6.672 min
Delta R.T.: -0.006 min
Response: 5255457
Conc: 1.94 ng/ml m



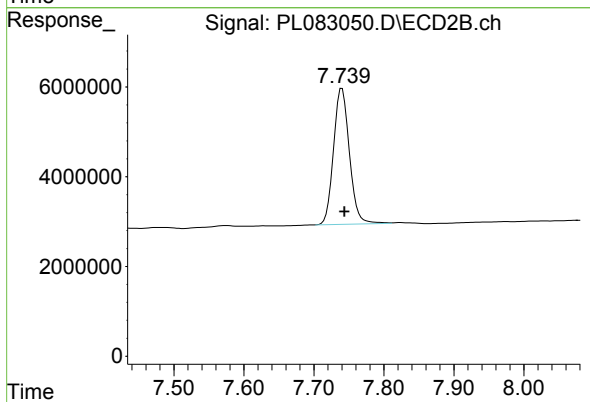
#28 Decachlorobiphenyl

R.T.: 8.733 min
Delta R.T.: -0.005 min
Response: 40394371
Conc: 19.26 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

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#28 Decachlorobiphenyl

R.T.: 7.740 min
Delta R.T.: -0.003 min
Response: 47840074
Conc: 19.24 ng/ml