

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL060923\
 Data File : PL083350.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 09 Jun 2023 09:37
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 06/12/2023
 Supervised By : Ankita Jodhani 06/12/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 09 21:16:52 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...	3.314	2.633	53029078	45330168	18.043	17.461
28)	SA Decachlor...	8.732	7.735	40562339	45970589	19.340	18.488
Target Compounds							
2)	A alpha-BHC	3.763	3.128	36641263	29207107	8.254	7.827
3)	MA gamma-BHC...	4.091	3.454	36012725	27547760	8.693	8.264
6)	B beta-BHC	4.296	3.756	17240698	14670924	9.157	10.259
14)	MA Endrin	6.314	5.467	114.9E6	101.0E6	42.752	39.805
16)	A 4,4'-DDD	6.460	5.617	1001922	1162658	0.461	0.605 #
17)	MA 4,4'-DDT	6.770	5.865	227.8E6	203.9E6	90.999	91.406m
18)	B Endrin al...	6.667	5.945	2843891	3902030	1.414	1.973 #
20)	A Methoxychlor	7.252	6.445	301.2E6	271.9E6	227.767	213.797
21)	B Endrin ke...	7.380	6.667	4420743	5738945	1.733m	2.123m

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

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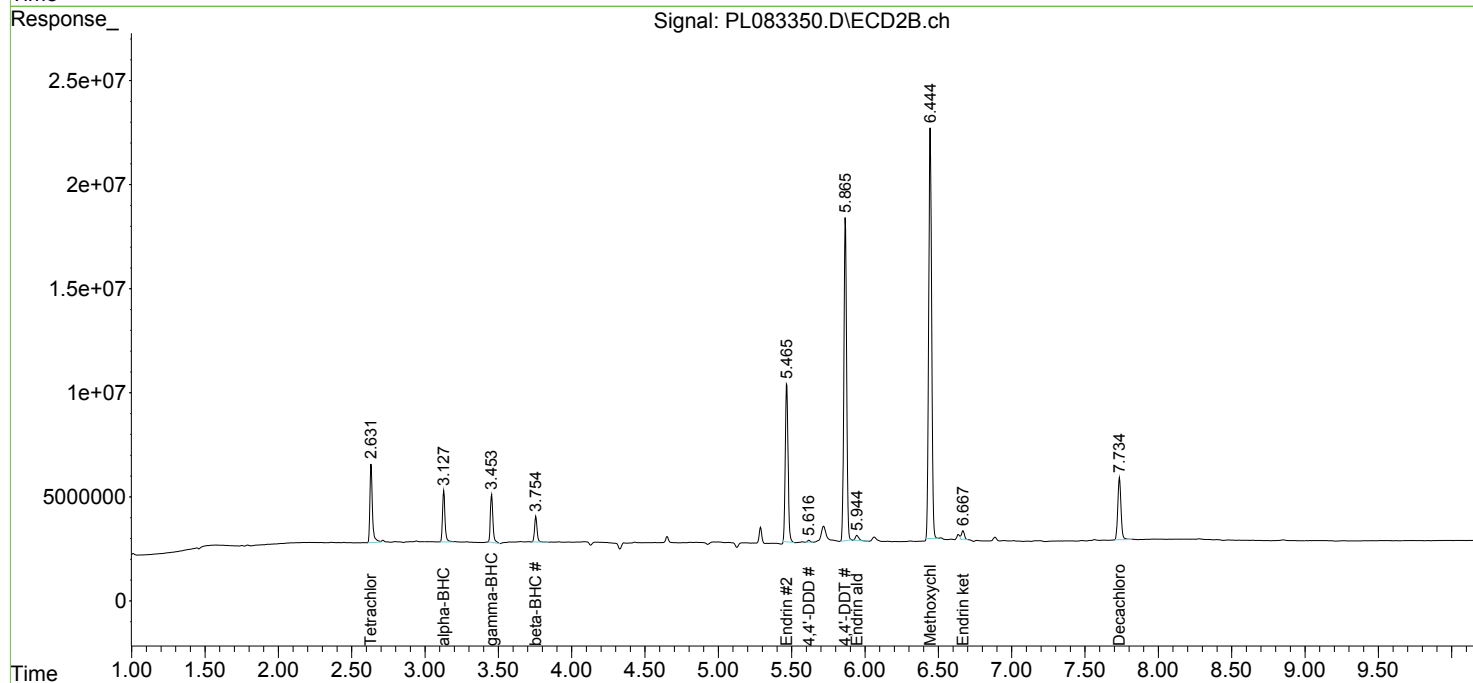
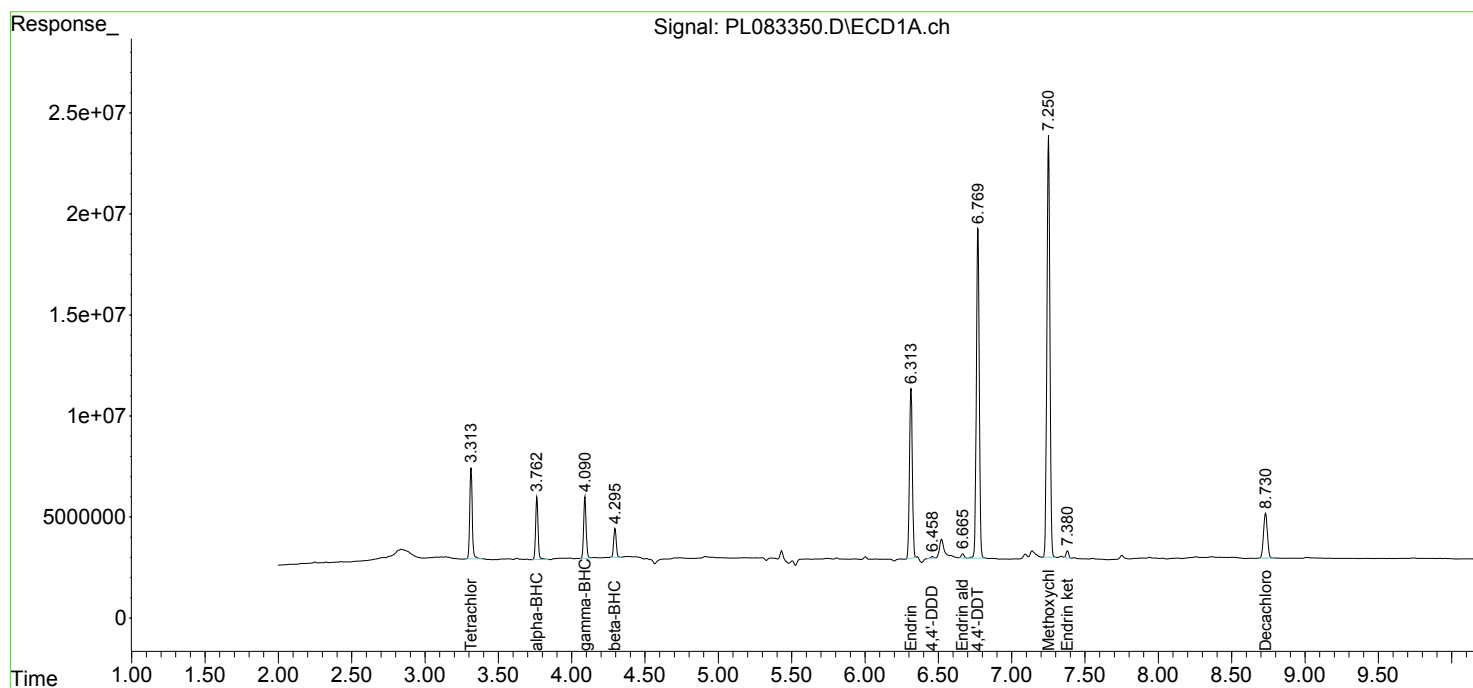
Instrument :
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ClientSampleId :
PEM

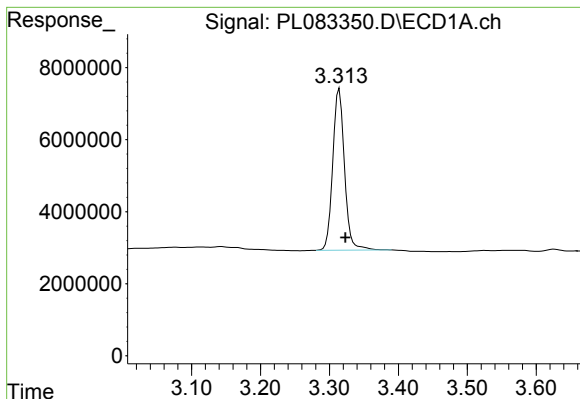
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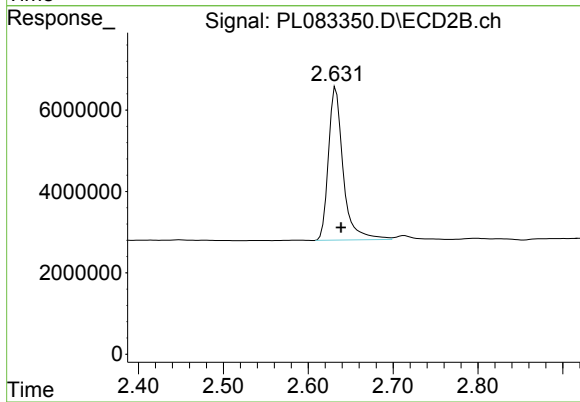
#1 Tetrachloro-m-xylene

R.T.: 3.314 min
Delta R.T.: -0.009 min
Response: 53029078
Conc: 18.04 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

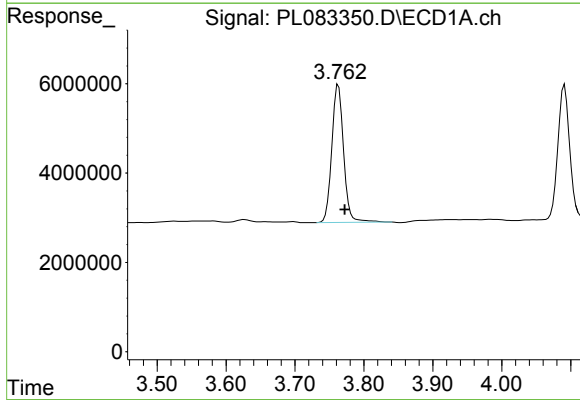
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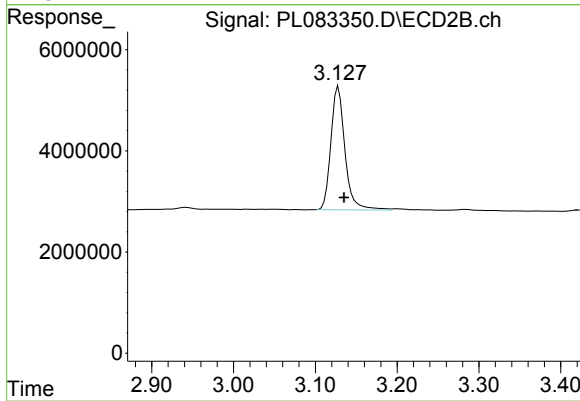
#1 Tetrachloro-m-xylene

R.T.: 2.633 min
Delta R.T.: -0.006 min
Response: 45330168
Conc: 17.46 ng/ml



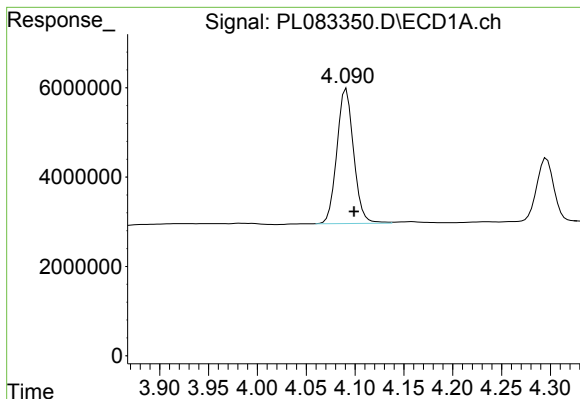
#2 alpha-BHC

R.T.: 3.763 min
Delta R.T.: -0.009 min
Response: 36641263
Conc: 8.25 ng/ml



#2 alpha-BHC

R.T.: 3.128 min
Delta R.T.: -0.007 min
Response: 29207107
Conc: 7.83 ng/ml



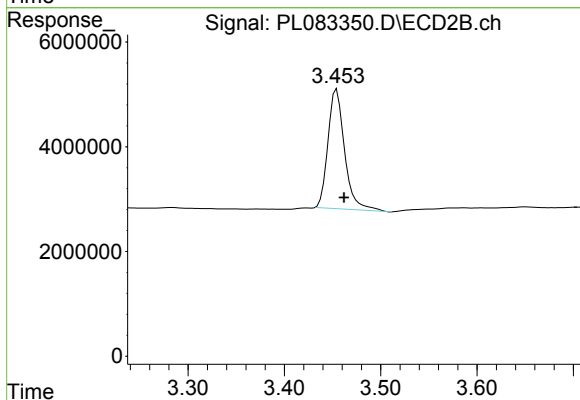
#3 gamma-BHC (Lindane)

R.T.: 4.091 min
Delta R.T.: -0.008 min
Response: 36012725
Conc: 8.69 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

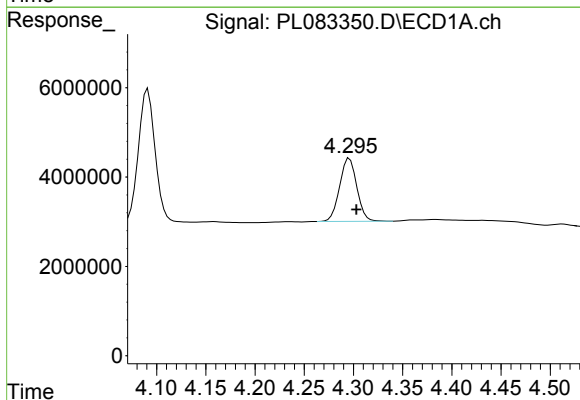
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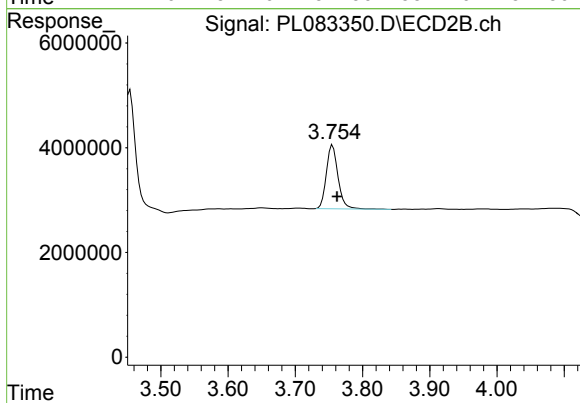
#3 gamma-BHC (Lindane)

R.T.: 3.454 min
Delta R.T.: -0.008 min
Response: 27547760
Conc: 8.26 ng/ml



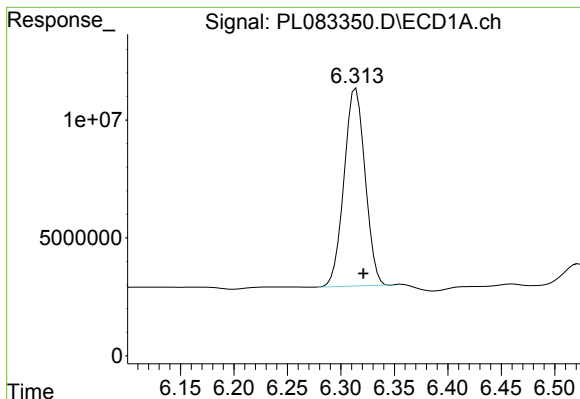
#6 beta-BHC

R.T.: 4.296 min
Delta R.T.: -0.007 min
Response: 17240698
Conc: 9.16 ng/ml



#6 beta-BHC

R.T.: 3.756 min
Delta R.T.: -0.007 min
Response: 14670924
Conc: 10.26 ng/ml



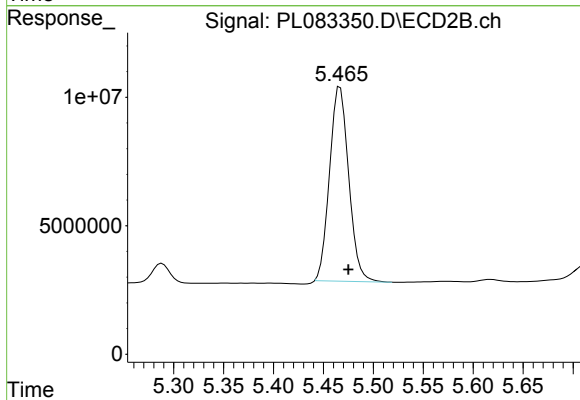
#14 Endrin

R.T.: 6.314 min
Delta R.T.: -0.007 min
Response: 114885060
Conc: 42.75 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

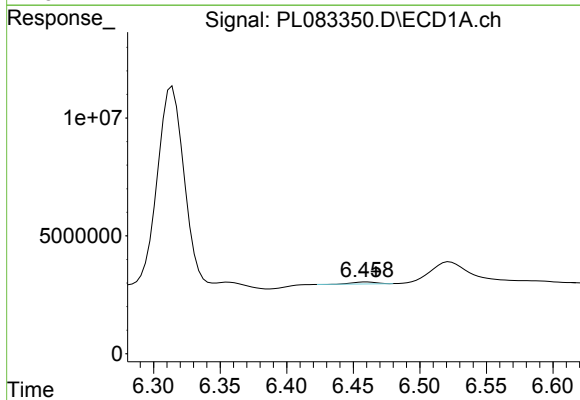
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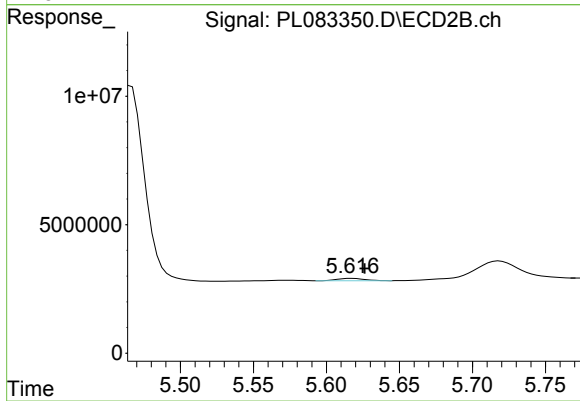
#14 Endrin

R.T.: 5.467 min
Delta R.T.: -0.008 min
Response: 100982469
Conc: 39.80 ng/ml



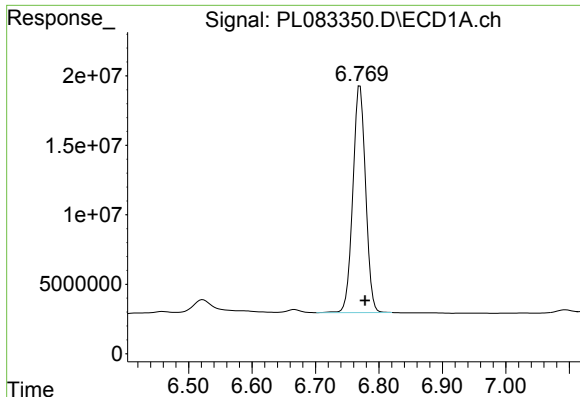
#16 4,4'-DDD

R.T.: 6.460 min
Delta R.T.: -0.007 min
Response: 1001922
Conc: 0.46 ng/ml



#16 4,4'-DDD

R.T.: 5.617 min
Delta R.T.: -0.009 min
Response: 1162658
Conc: 0.60 ng/ml



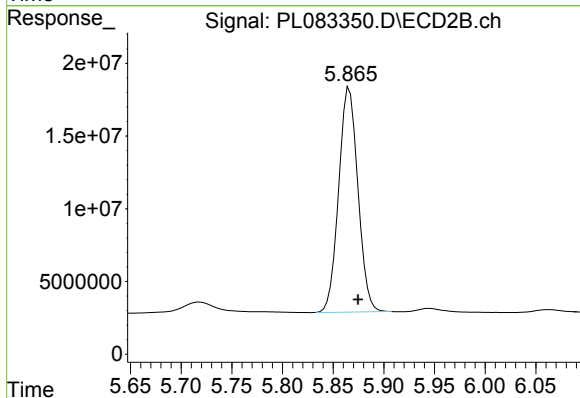
#17 4,4'-DDT

R.T.: 6.770 min
Delta R.T.: -0.008 min
Response: 227785498
Conc: 91.00 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

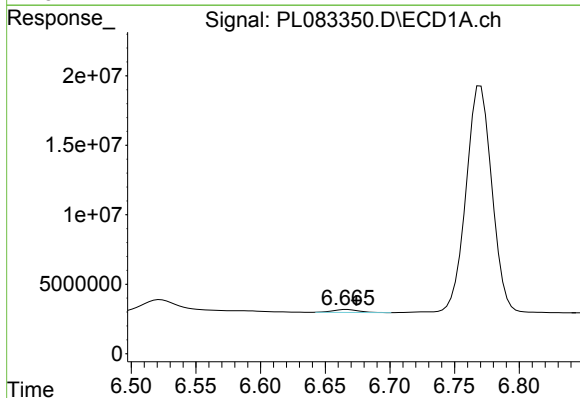
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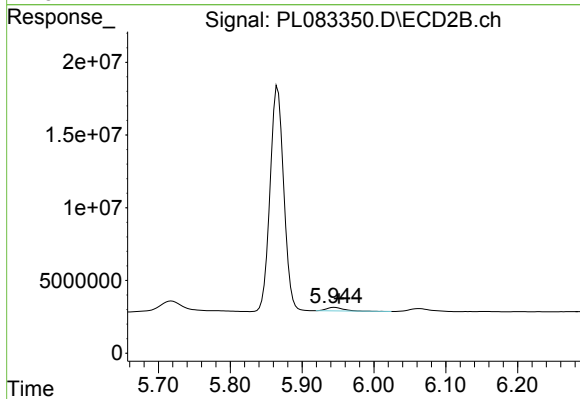
#17 4,4'-DDT

R.T.: 5.865 min
Delta R.T.: -0.010 min
Response: 203930294
Conc: 91.41 ng/ml m



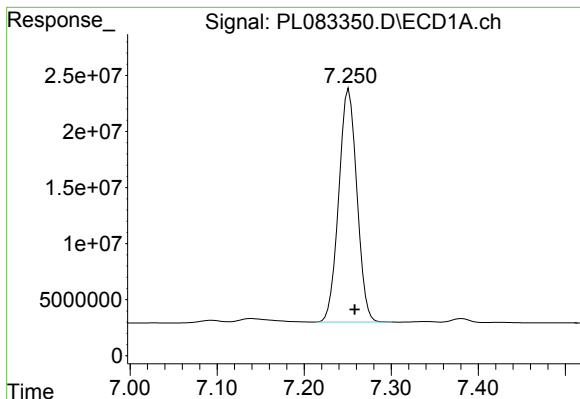
#18 Endrin aldehyde

R.T.: 6.667 min
Delta R.T.: -0.007 min
Response: 2843891
Conc: 1.41 ng/ml



#18 Endrin aldehyde

R.T.: 5.945 min
Delta R.T.: -0.006 min
Response: 3902030
Conc: 1.97 ng/ml



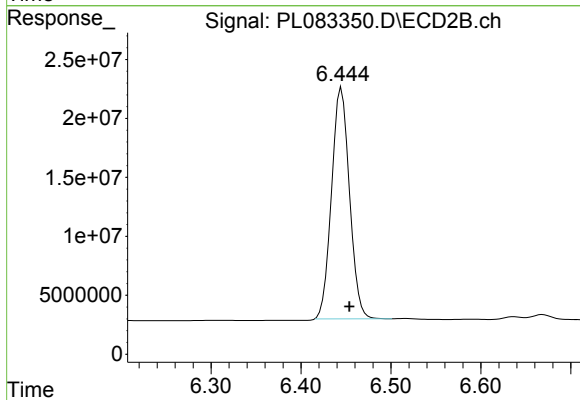
#20 Methoxychlor

R.T.: 7.252 min
Delta R.T.: -0.006 min
Response: 301194898
Conc: 227.77 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

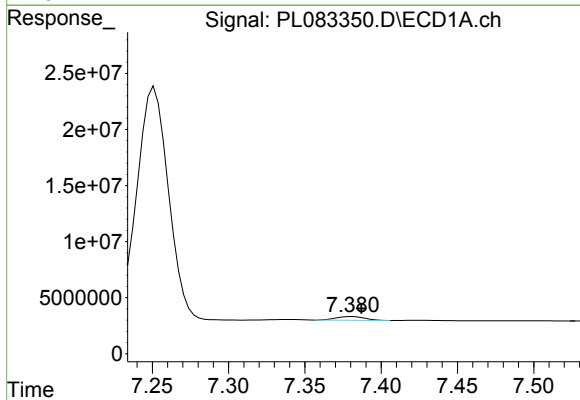
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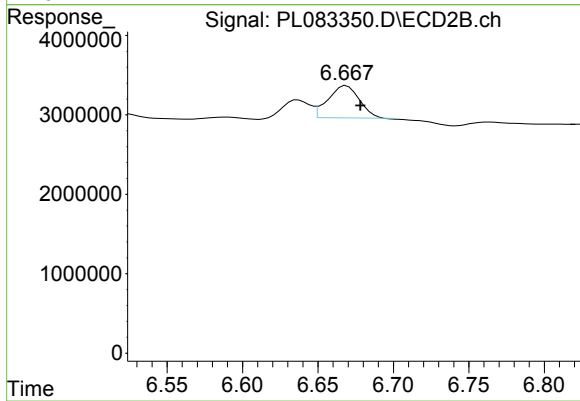
#20 Methoxychlor

R.T.: 6.445 min
Delta R.T.: -0.009 min
Response: 271895855
Conc: 213.80 ng/ml



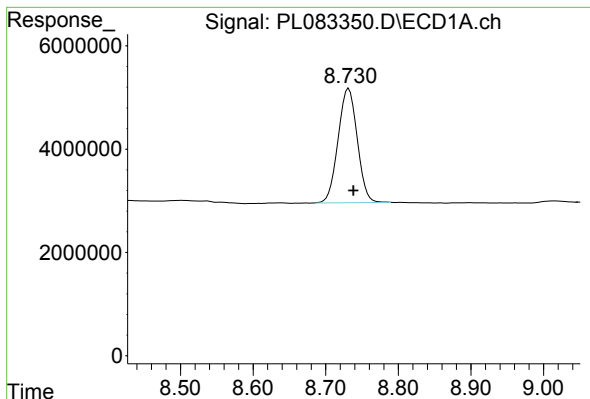
#21 Endrin ketone

R.T.: 7.380 min
Delta R.T.: -0.007 min
Response: 4420743
Conc: 1.73 ng/ml m



#21 Endrin ketone

R.T.: 6.667 min
Delta R.T.: -0.011 min
Response: 5738945
Conc: 2.12 ng/ml m



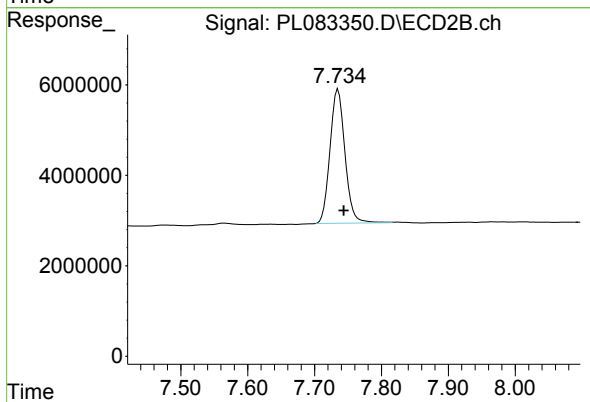
#28 Decachlorobiphenyl

R.T.: 8.732 min
Delta R.T.: -0.006 min
Response: 40562339
Conc: 19.34 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

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#28 Decachlorobiphenyl

R.T.: 7.735 min
Delta R.T.: -0.008 min
Response: 45970589
Conc: 18.49 ng/ml