

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL060523\
 Data File : PL083221.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 05 Jun 2023 16:18
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

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

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 05 21:13:13 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	2.635	51646515	45845398	17.573	17.659
28)	SA Decachlor...	8.737	7.740	39075350	42522370	18.631	17.101
Target Compounds							
2)	A alpha-BHC	3.765	3.131	35967616	29334748	8.102	7.861
3)	MA gamma-BHC...	4.094	3.457	35531178	27328682	8.576	8.199
6)	B beta-BHC	4.298	3.759	17997797	14379556	9.559	10.055
14)	MA Endrin	6.318	5.471	108.7E6	99997748	40.441	39.416
16)	A 4,4'-DDD	6.463	5.622	3413631	3000216	1.571	1.560
17)	MA 4,4'-DDT	6.774	5.869	210.9E6	194.5E6	84.244	87.180m
18)	B Endrin al...	6.671	5.948	2860882	2867920	1.423	1.450
20)	A Methoxychlor	7.255	6.449	278.2E6	261.8E6	210.346	205.875
21)	B Endrin ke...	7.385	6.674	4600030	5711085	1.803	2.112

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

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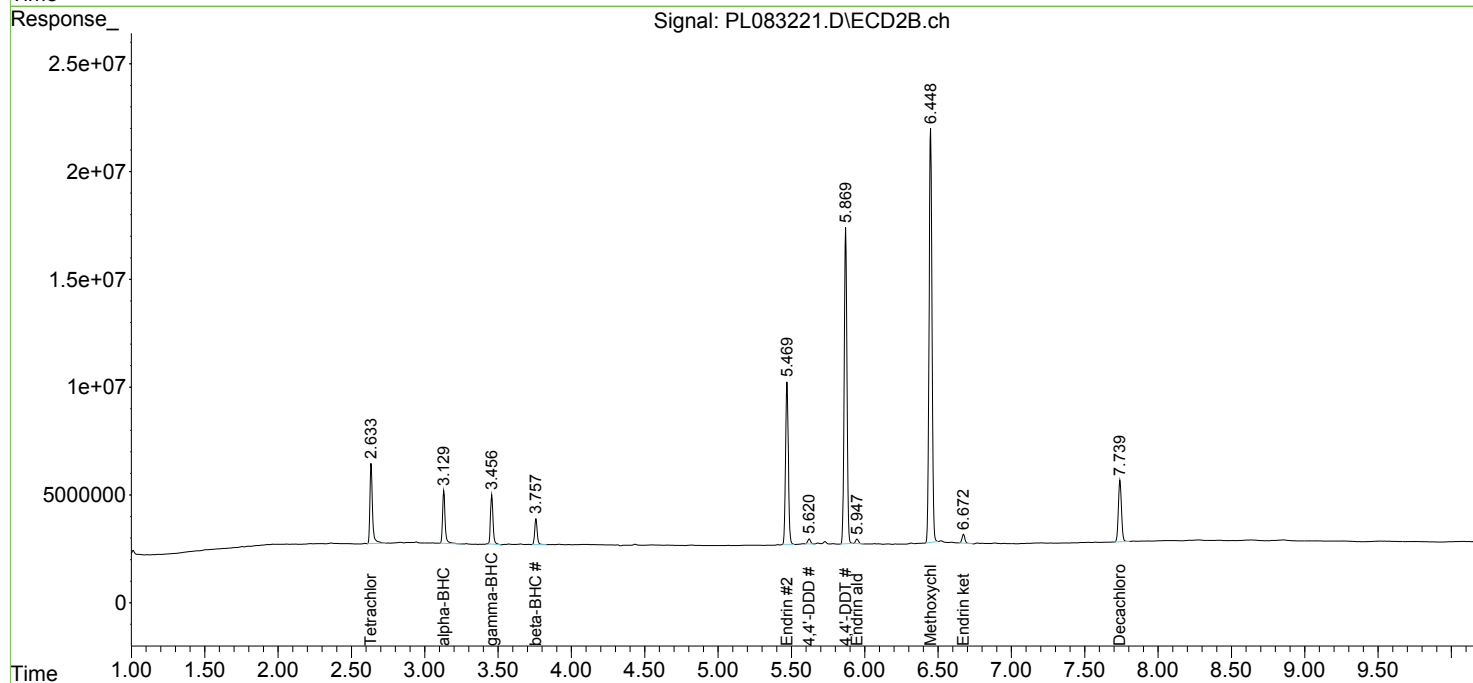
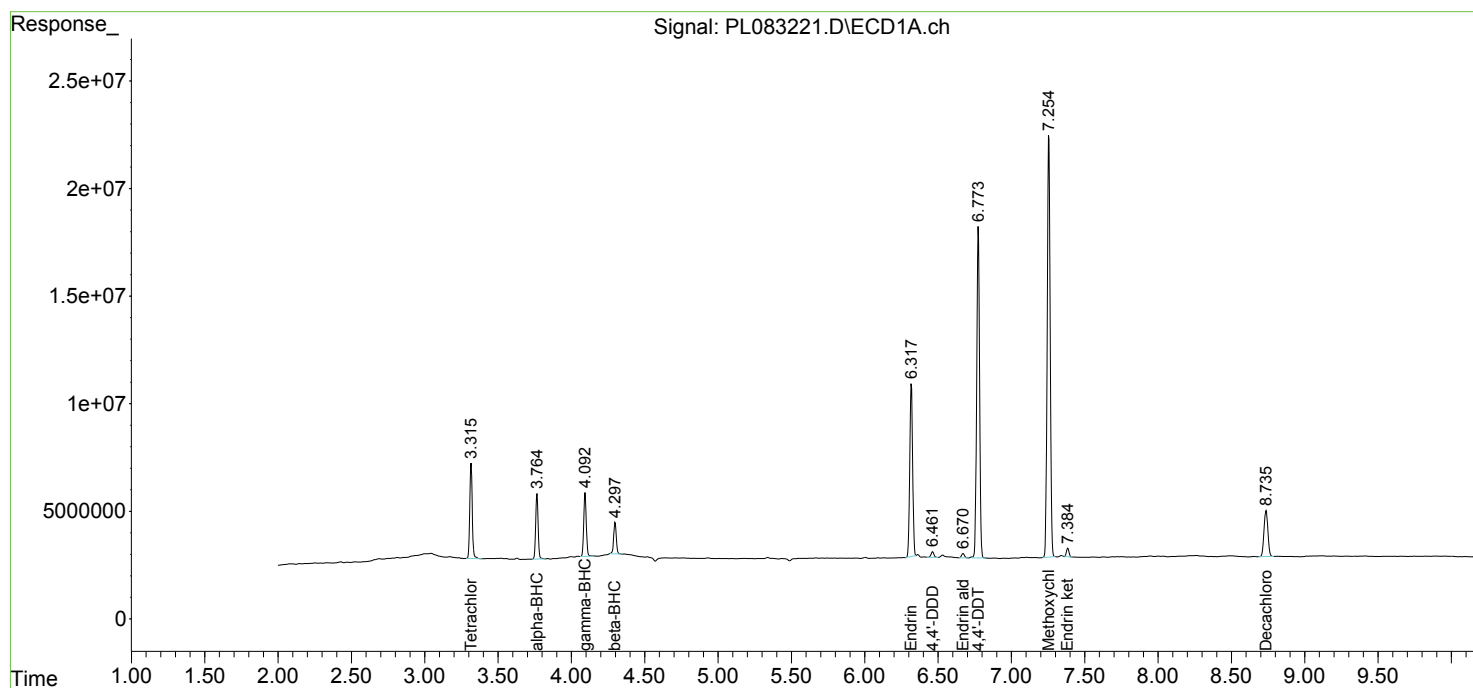
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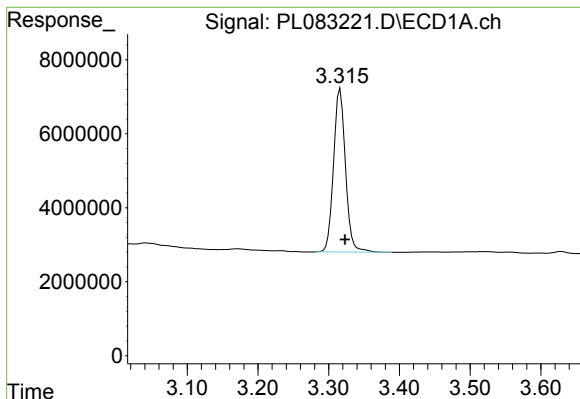
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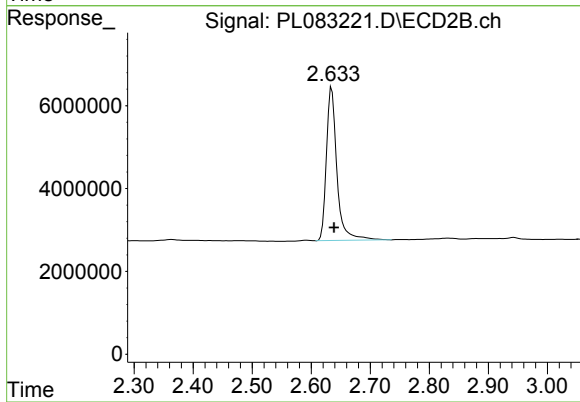
#1 Tetrachloro-m-xylene

R.T.: 3.316 min
Delta R.T.: -0.007 min
Response: 51646515
Conc: 17.57 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

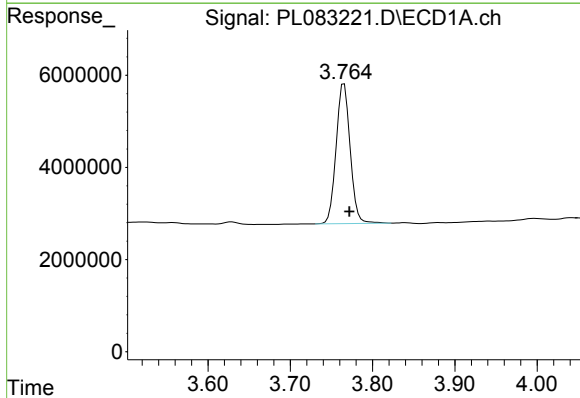
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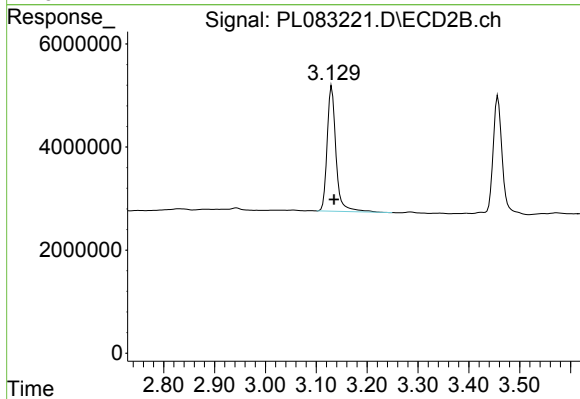
#1 Tetrachloro-m-xylene

R.T.: 2.635 min
Delta R.T.: -0.004 min
Response: 45845398
Conc: 17.66 ng/ml



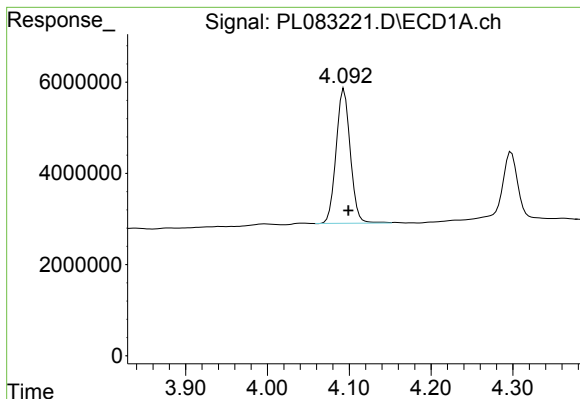
#2 alpha-BHC

R.T.: 3.765 min
Delta R.T.: -0.007 min
Response: 35967616
Conc: 8.10 ng/ml



#2 alpha-BHC

R.T.: 3.131 min
Delta R.T.: -0.005 min
Response: 29334748
Conc: 7.86 ng/ml



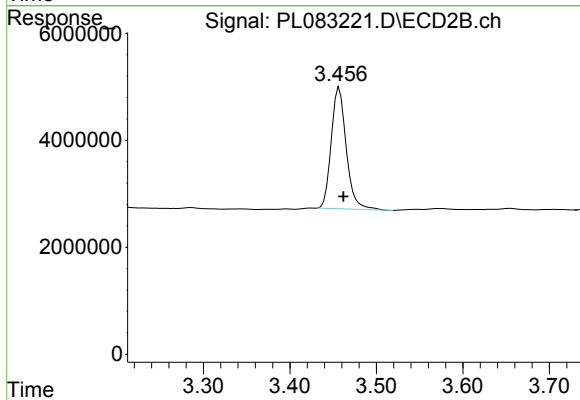
#3 gamma-BHC (Lindane)

R.T.: 4.094 min
Delta R.T.: -0.005 min
Response: 35531178
Conc: 8.58 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

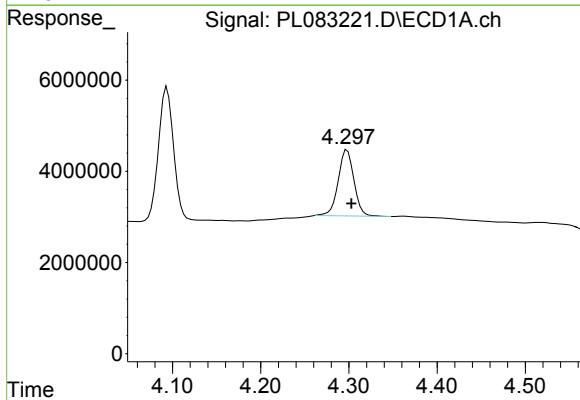
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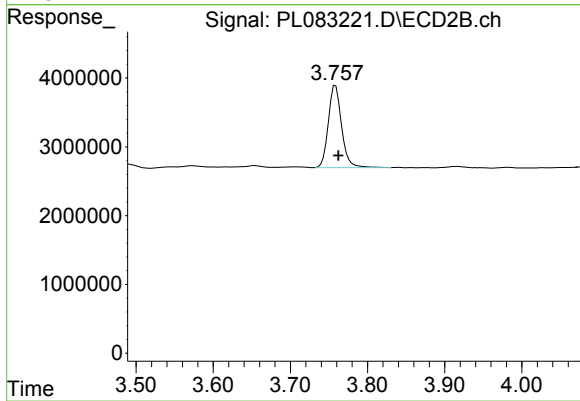
#3 gamma-BHC (Lindane)

R.T.: 3.457 min
Delta R.T.: -0.005 min
Response: 27328682
Conc: 8.20 ng/ml



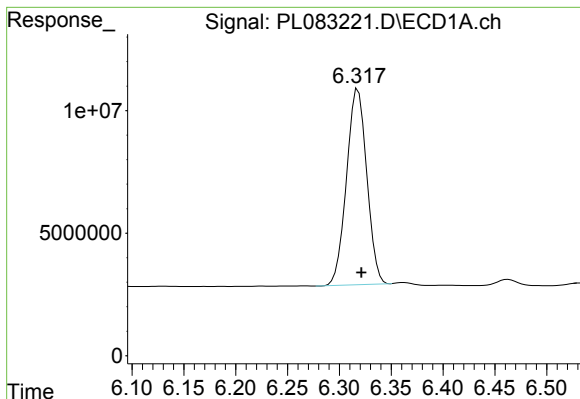
#6 beta-BHC

R.T.: 4.298 min
Delta R.T.: -0.005 min
Response: 17997797
Conc: 9.56 ng/ml



#6 beta-BHC

R.T.: 3.759 min
Delta R.T.: -0.004 min
Response: 14379556
Conc: 10.06 ng/ml



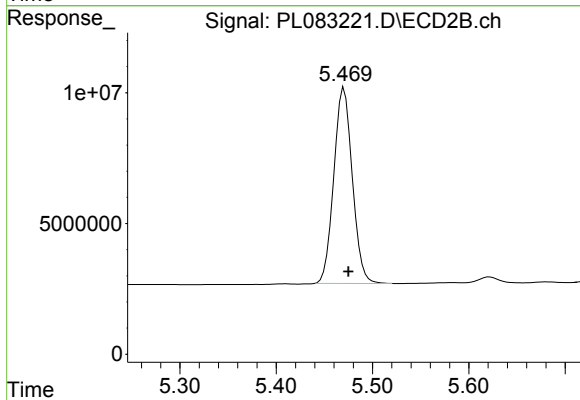
#14 Endrin

R.T.: 6.318 min
Delta R.T.: -0.003 min
Response: 108673918
Conc: 40.44 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

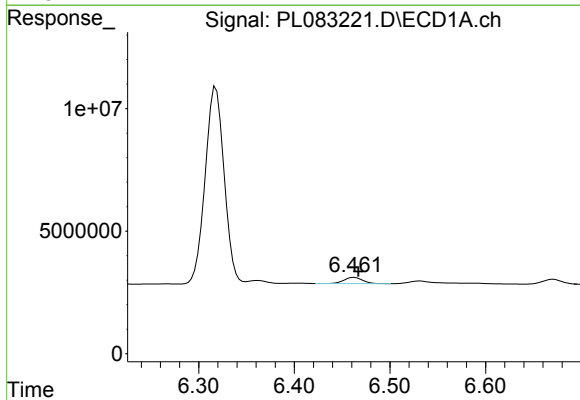
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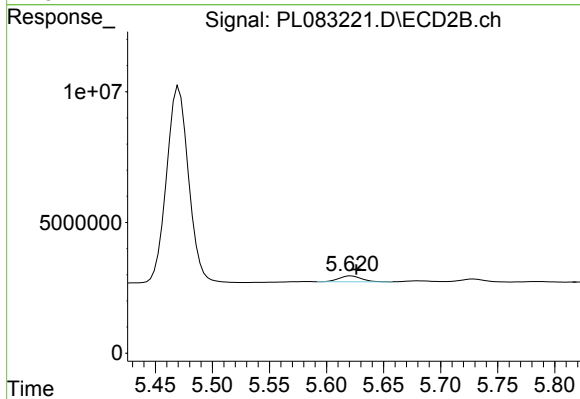
#14 Endrin

R.T.: 5.471 min
Delta R.T.: -0.004 min
Response: 99997748
Conc: 39.42 ng/ml



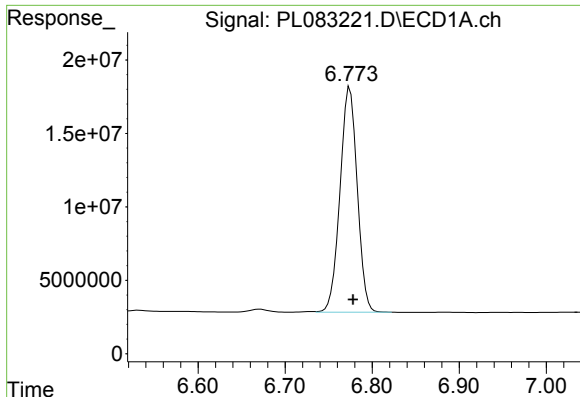
#16 4,4'-DDD

R.T.: 6.463 min
Delta R.T.: -0.004 min
Response: 3413631
Conc: 1.57 ng/ml



#16 4,4'-DDD

R.T.: 5.622 min
Delta R.T.: -0.005 min
Response: 3000216
Conc: 1.56 ng/ml



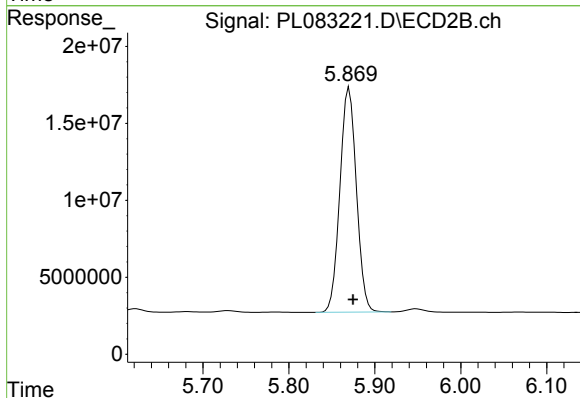
#17 4,4'-DDT

R.T.: 6.774 min
Delta R.T.: -0.004 min
Response: 210876488
Conc: 84.24 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

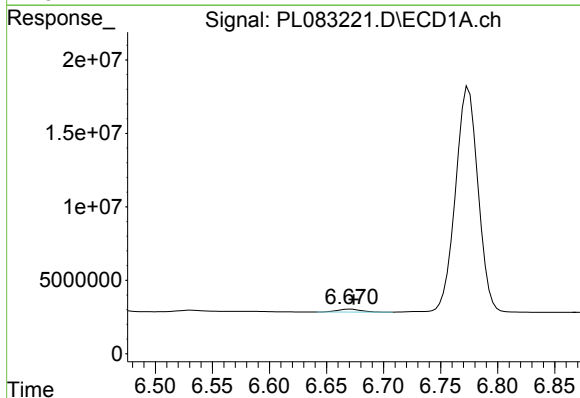
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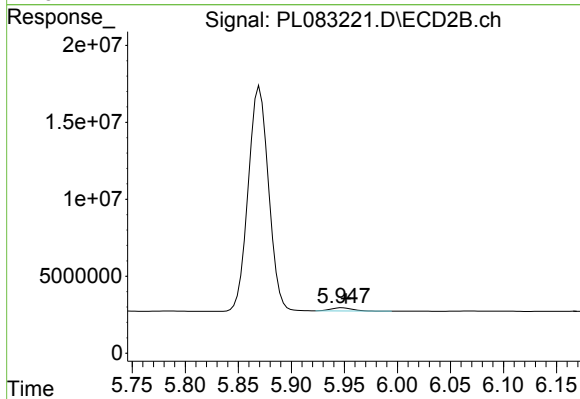
#17 4,4'-DDT

R.T.: 5.869 min
Delta R.T.: -0.006 min
Response: 194501306
Conc: 87.18 ng/ml m



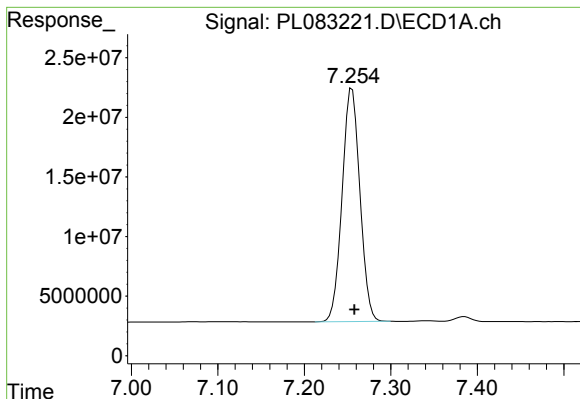
#18 Endrin aldehyde

R.T.: 6.671 min
Delta R.T.: -0.003 min
Response: 2860882
Conc: 1.42 ng/ml



#18 Endrin aldehyde

R.T.: 5.948 min
Delta R.T.: -0.003 min
Response: 2867920
Conc: 1.45 ng/ml



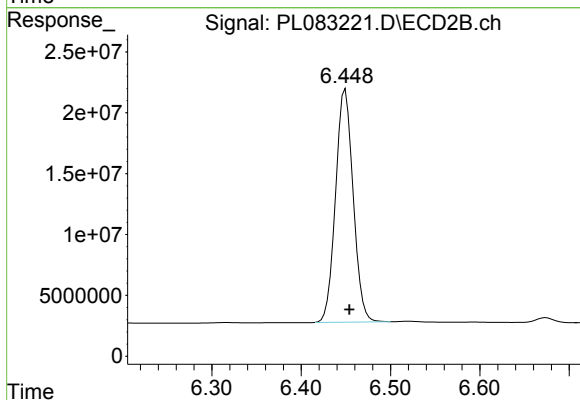
#20 Methoxychlor

R.T.: 7.255 min
Delta R.T.: -0.003 min
Response: 278157904
Conc: 210.35 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

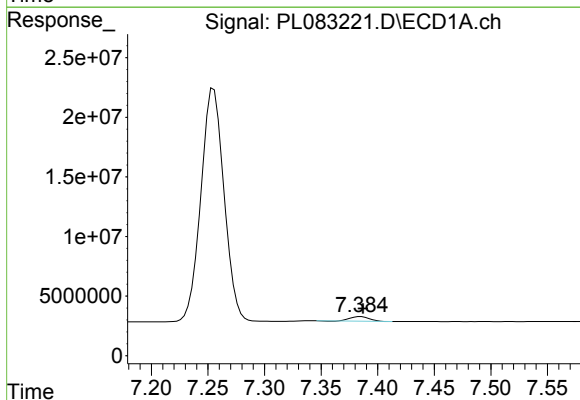
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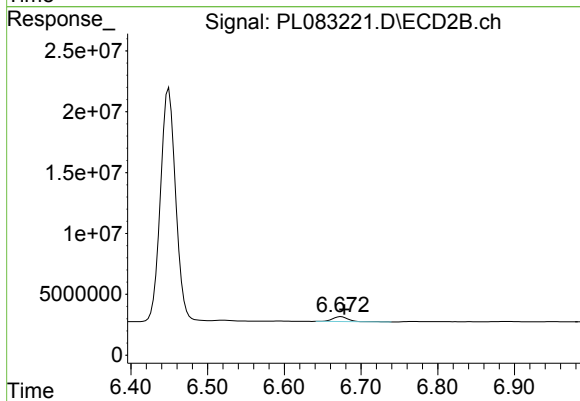
#20 Methoxychlor

R.T.: 6.449 min
Delta R.T.: -0.004 min
Response: 261821165
Conc: 205.88 ng/ml



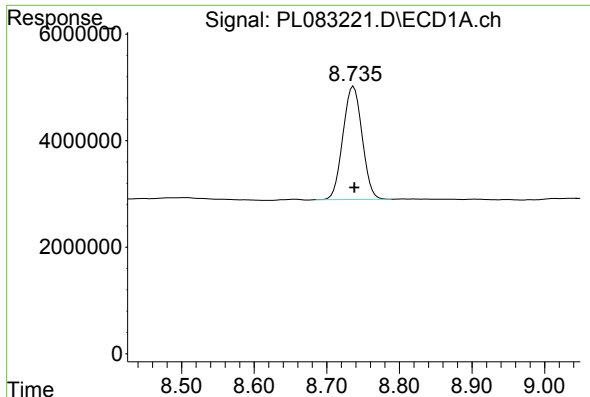
#21 Endrin ketone

R.T.: 7.385 min
Delta R.T.: -0.002 min
Response: 4600030
Conc: 1.80 ng/ml



#21 Endrin ketone

R.T.: 6.674 min
Delta R.T.: -0.004 min
Response: 5711085
Conc: 2.11 ng/ml



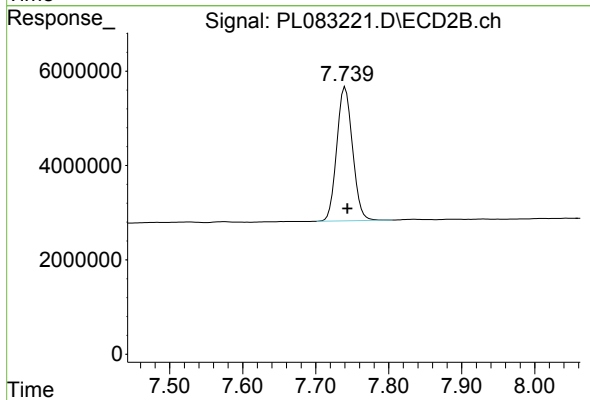
#28 Decachlorobiphenyl

R.T.: 8.737 min
Delta R.T.: -0.001 min
Response: 39075350
Conc: 18.63 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: 42522370
Conc: 17.10 ng/ml