

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL100824\
 Data File : PL092259.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 08 Oct 2024 09:17
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 10/09/2024
 Supervised By : Ankita Jodhani 10/09/2024

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 09 01:18:30 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL092324.M
 Quant Title : GC Extractables
 QLast Update : Mon Sep 23 16:44:57 2024
 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...	3.543	2.781	53752704	60677970	24.162	24.193
28) SA Decachlor...	9.061	7.921	37557256	56007468	22.926	22.386
Target Compounds						
2) A alpha-BHC	3.999	3.284	38398375	41551123	12.401	11.405
3) MA gamma-BHC...	4.332	3.614	35717550	38395772	11.526	10.874
6) B beta-BHC	4.529	3.913	16529564	19253145	12.462	12.809
12) B 4,4'-DDE	6.194	5.237	619846	644588	0.286m	0.232m
14) MA Endrin	6.578	5.646	94868280	139.6E6	46.037m	53.219
16) A 4,4'-DDD	6.712	5.793	10098203	13141851	5.623m	6.152
17) MA 4,4'-DDT	7.029	6.044	179.7E6	270.9E6	97.592	117.112
18) B Endrin al...	6.929	6.120	4379155	5920975	2.513	2.901
20) A Methoxychlor	7.505	6.619	233.9E6	311.8E6	238.290	249.388
21) B Endrin ke...	7.649	6.846	10401632	13761496	4.733	4.970m

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

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Acq On : 08 Oct 2024 09:17
Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

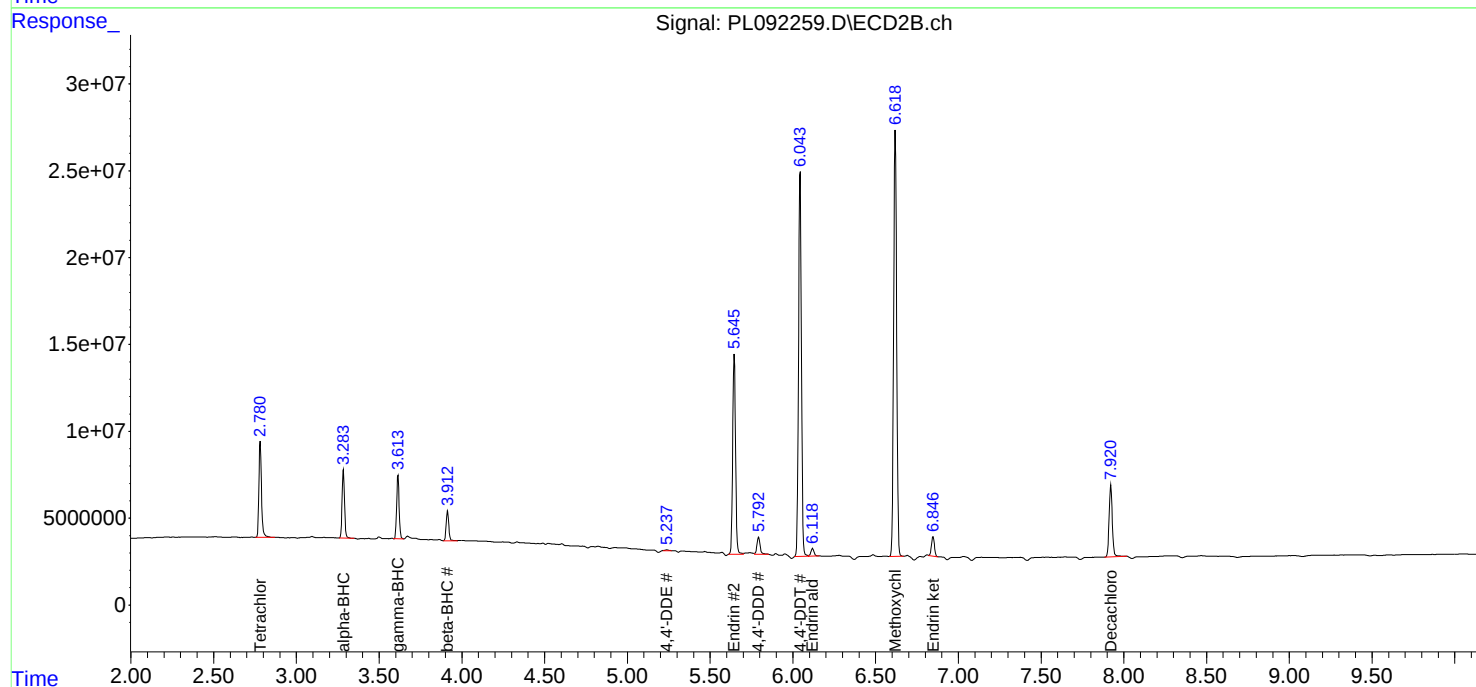
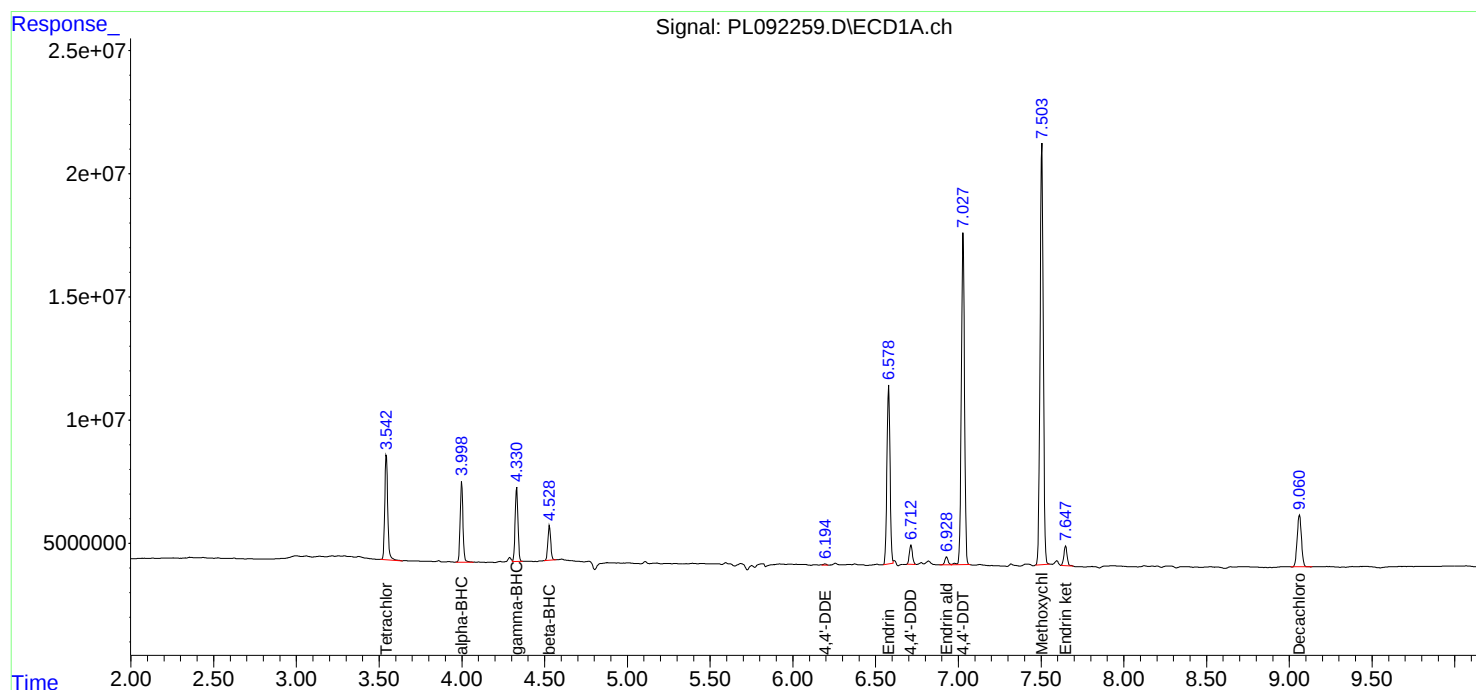
Instrument :
ECD_L
ClientSampleId :
PEM

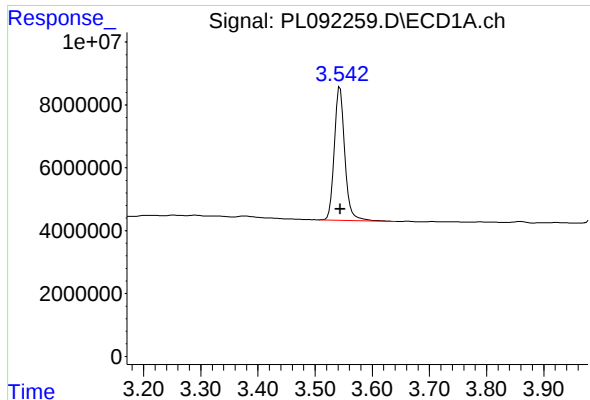
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Volume Inj. : 1 µl
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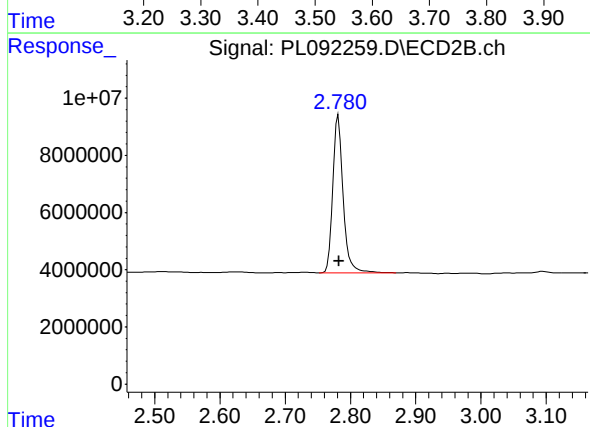
#1 Tetrachloro-m-xylene

R.T.: 3.543 min
Delta R.T.: 0.000 min
Response: 53752704
Conc: 24.16 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

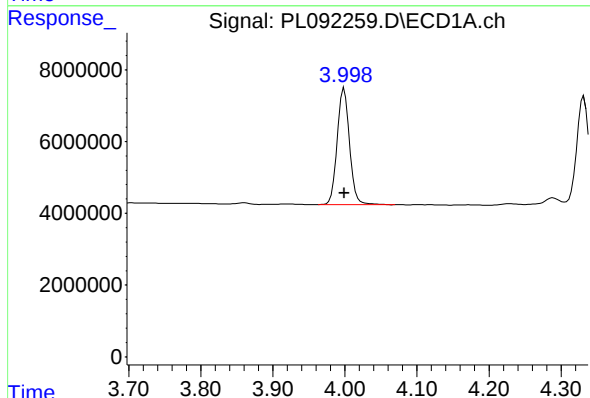
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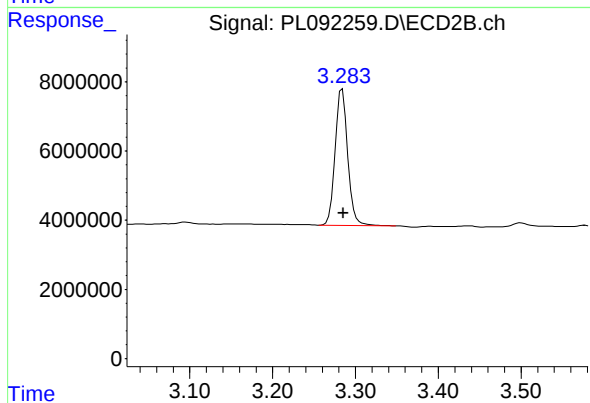
#1 Tetrachloro-m-xylene

R.T.: 2.781 min
Delta R.T.: 0.000 min
Response: 60677970
Conc: 24.19 ng/ml



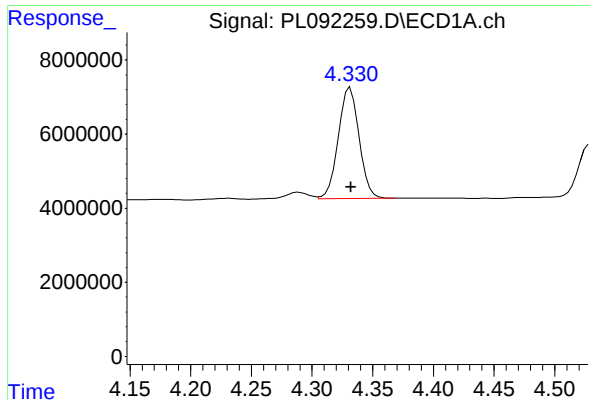
#2 alpha-BHC

R.T.: 3.999 min
Delta R.T.: 0.000 min
Response: 38398375
Conc: 12.40 ng/ml



#2 alpha-BHC

R.T.: 3.284 min
Delta R.T.: -0.001 min
Response: 41551123
Conc: 11.40 ng/ml



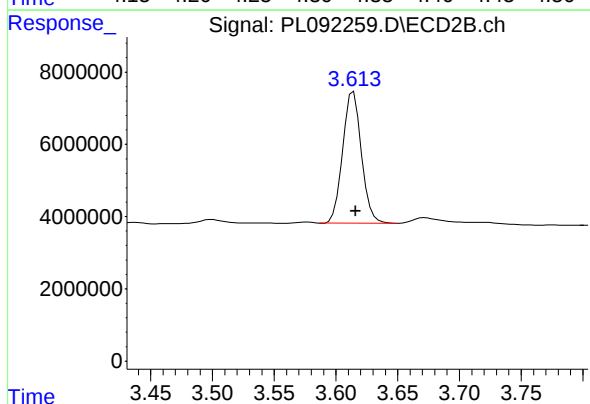
#3 gamma-BHC (Lindane)

R.T.: 4.332 min
Delta R.T.: 0.000 min
Response: 35717550
Conc: 11.53 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

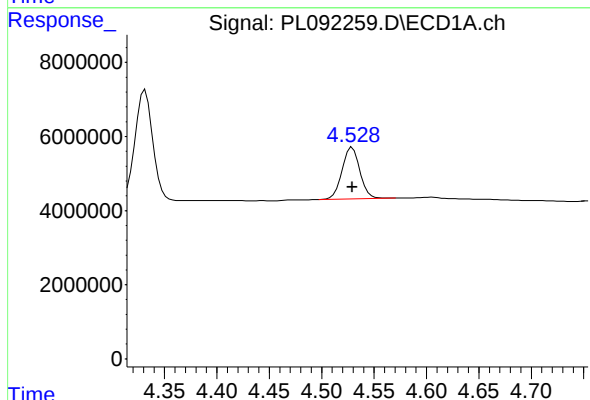
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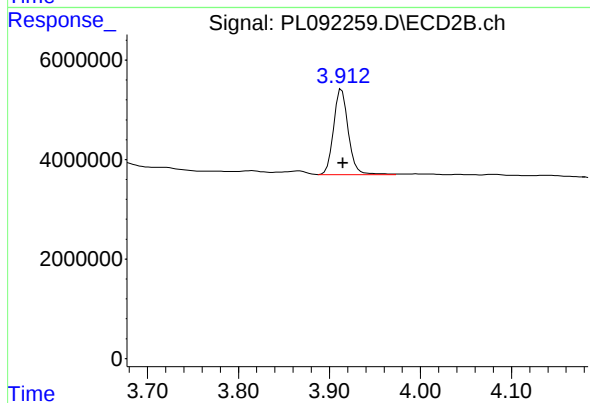
#3 gamma-BHC (Lindane)

R.T.: 3.614 min
Delta R.T.: -0.002 min
Response: 38395772
Conc: 10.87 ng/ml



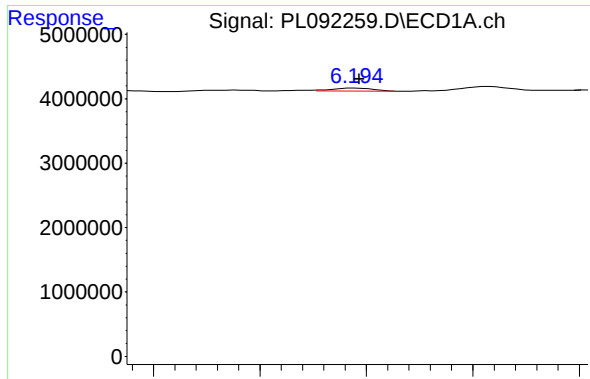
#6 beta-BHC

R.T.: 4.529 min
Delta R.T.: 0.000 min
Response: 16529564
Conc: 12.46 ng/ml



#6 beta-BHC

R.T.: 3.913 min
Delta R.T.: -0.002 min
Response: 19253145
Conc: 12.81 ng/ml



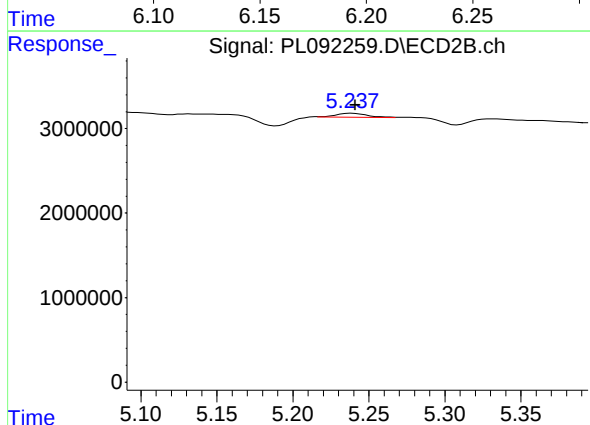
#12 4,4'-DDE

R.T.: 6.194 min
Delta R.T.: -0.003 min
Response: 619846
Conc: 0.29 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

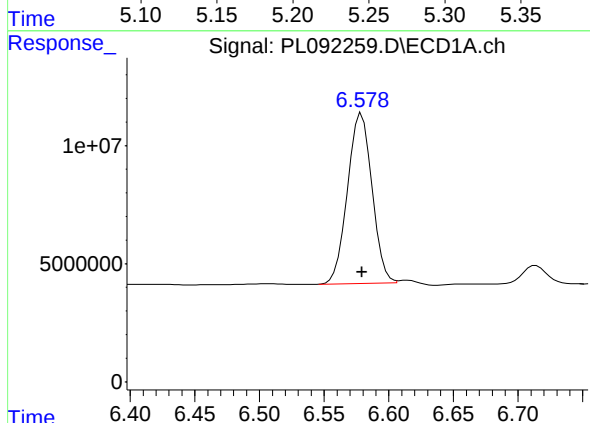
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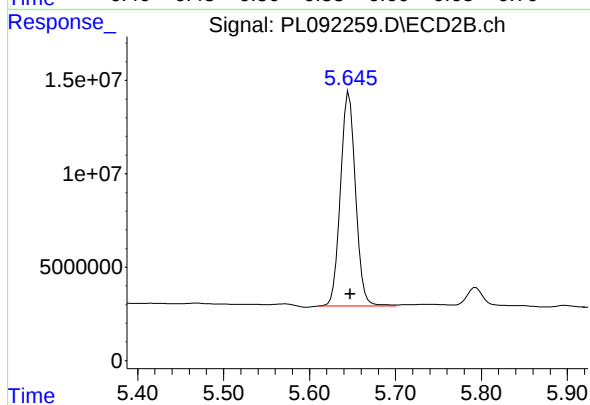
#12 4,4'-DDE

R.T.: 5.237 min
Delta R.T.: -0.003 min
Response: 644588
Conc: 0.23 ng/ml



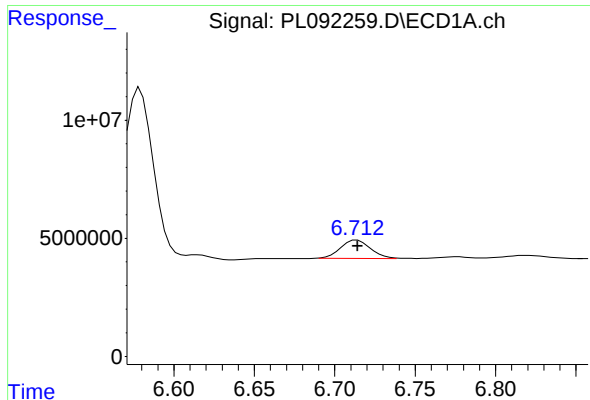
#14 Endrin

R.T.: 6.578 min
Delta R.T.: -0.002 min
Response: 94868280
Conc: 46.04 ng/ml



#14 Endrin

R.T.: 5.646 min
Delta R.T.: -0.001 min
Response: 139550064
Conc: 53.22 ng/ml



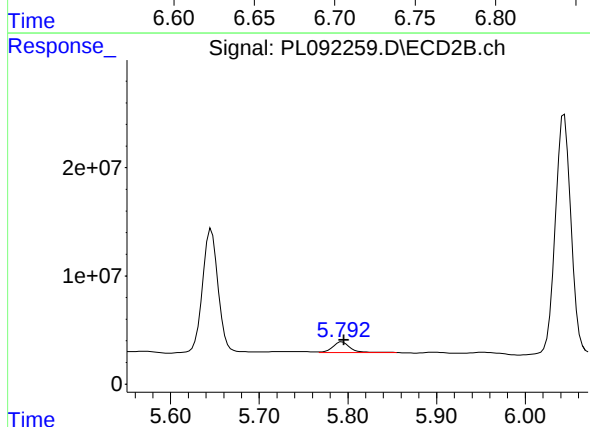
#16 4,4'-DDD

R.T.: 6.712 min
Delta R.T.: -0.002 min
Response: 10098203
Conc: 5.62 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

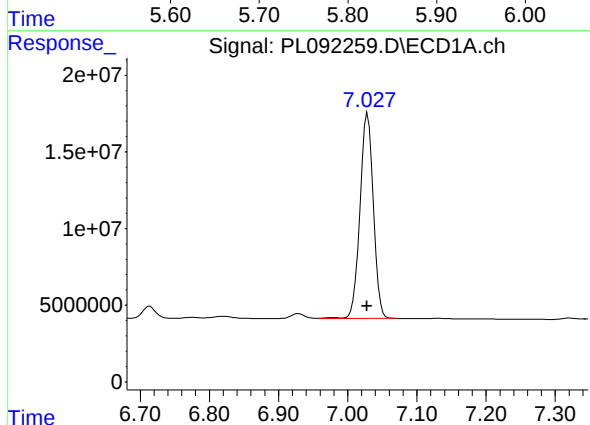
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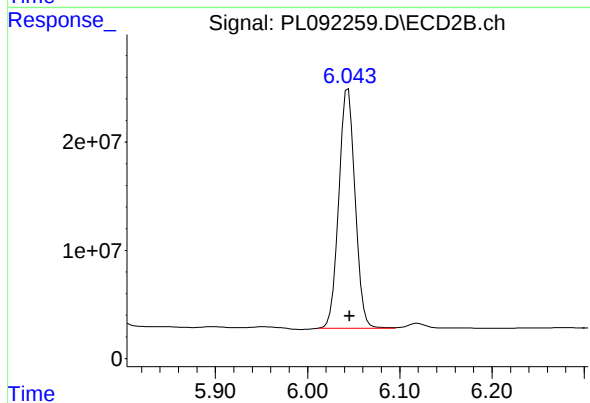
#16 4,4'-DDD

R.T.: 5.793 min
Delta R.T.: -0.002 min
Response: 13141851
Conc: 6.15 ng/ml



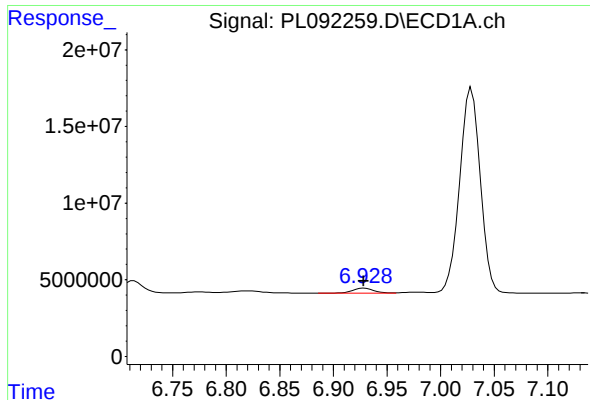
#17 4,4'-DDT

R.T.: 7.029 min
Delta R.T.: 0.000 min
Response: 179686531
Conc: 97.59 ng/ml



#17 4,4'-DDT

R.T.: 6.044 min
Delta R.T.: -0.002 min
Response: 270898515
Conc: 117.11 ng/ml



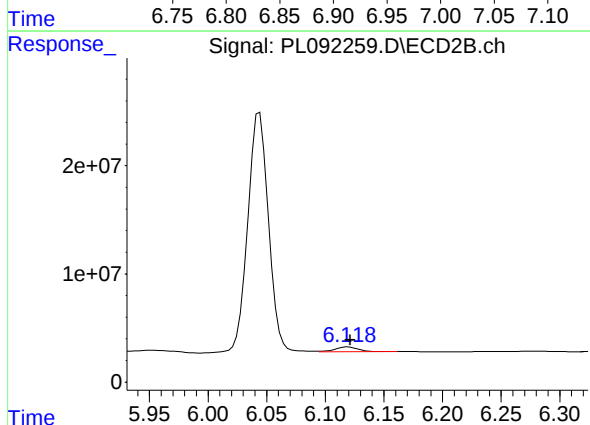
#18 Endrin aldehyde

R.T.: 6.929 min
Delta R.T.: 0.000 min
Response: 4379155
Conc: 2.51 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

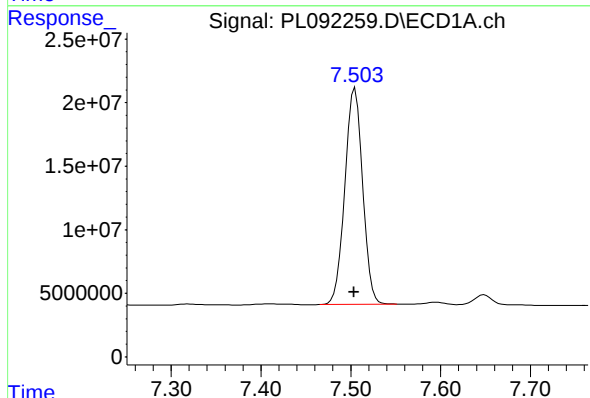
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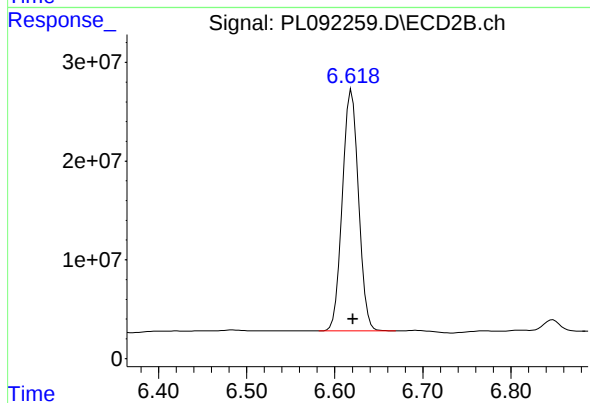
#18 Endrin aldehyde

R.T.: 6.120 min
Delta R.T.: -0.002 min
Response: 5920975
Conc: 2.90 ng/ml



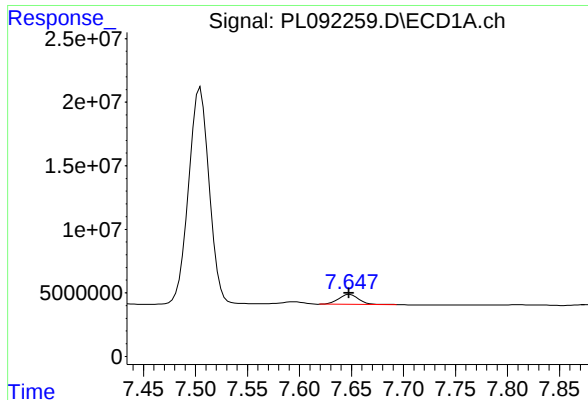
#20 Methoxychlor

R.T.: 7.505 min
Delta R.T.: 0.001 min
Response: 233932371
Conc: 238.29 ng/ml



#20 Methoxychlor

R.T.: 6.619 min
Delta R.T.: -0.002 min
Response: 311821495
Conc: 249.39 ng/ml



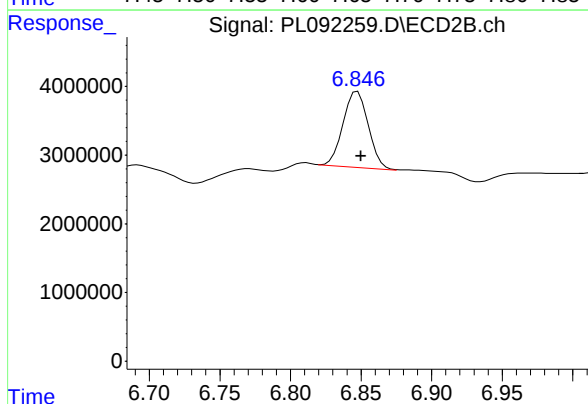
#21 Endrin ketone

R.T.: 7.649 min
Delta R.T.: 0.001 min
Response: 10401632
Conc: 4.73 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

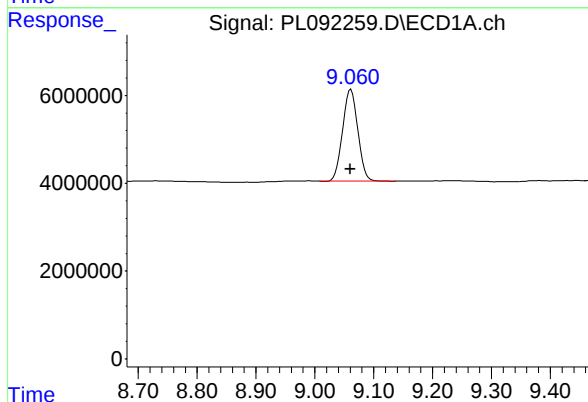
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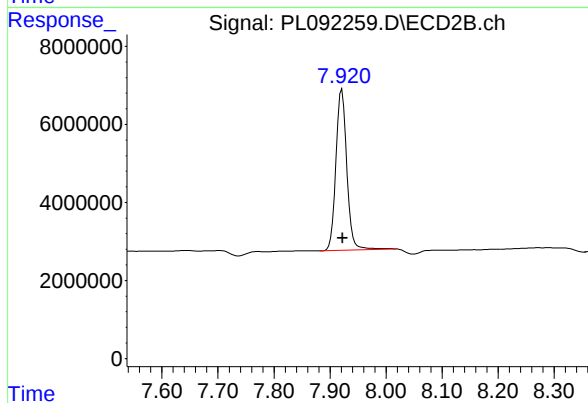
#21 Endrin ketone

R.T.: 6.846 min
Delta R.T.: -0.004 min
Response: 13761496
Conc: 4.97 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.061 min
Delta R.T.: 0.001 min
Response: 37557256
Conc: 22.93 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.921 min
Delta R.T.: -0.001 min
Response: 56007468
Conc: 22.39 ng/ml