

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL100324\
 Data File : PL092170.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 01 Oct 2024 15:38
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 10/02/2024
 Supervised By : Ankita Jodhani 10/02/2024

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 02 04:14:21 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	36742796	40032518	16.516	15.961
28)	SA Decachlor...	9.060	7.921	26578431	40972675	16.224	16.376
Target Compounds							
2)	A alpha-BHC	3.998	3.284	26093234	27536760	8.427	7.558
3)	MA gamma-BHC...	4.331	3.613	26072310	25330568	8.414	7.174m
6)	B beta-BHC	4.528	3.914	11300092	13354065	8.520	8.884
12)	B 4,4'-DDE	6.194	5.236	410964	490795	0.190m	0.177m
14)	MA Endrin	6.577	5.646	71305331	99467937	34.603m	37.933
16)	A 4,4'-DDD	6.713	5.794	1964548	2400053	1.094m	1.124
17)	MA 4,4'-DDT	7.028	6.045	133.3E6	193.9E6	72.386	83.834
18)	B Endrin al...	6.928	6.121	2217079	2996733	1.272	1.468
20)	A Methoxychlor	7.504	6.620	171.8E6	242.0E6	175.004	193.546
21)	B Endrin ke...	7.647	6.846	4469820	8853536	2.034	3.197m#

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

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Acq On : 01 Oct 2024 15:38
Operator : AR\AJ
Sample : PEM
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ALS Vial : 3 Sample Multiplier: 1

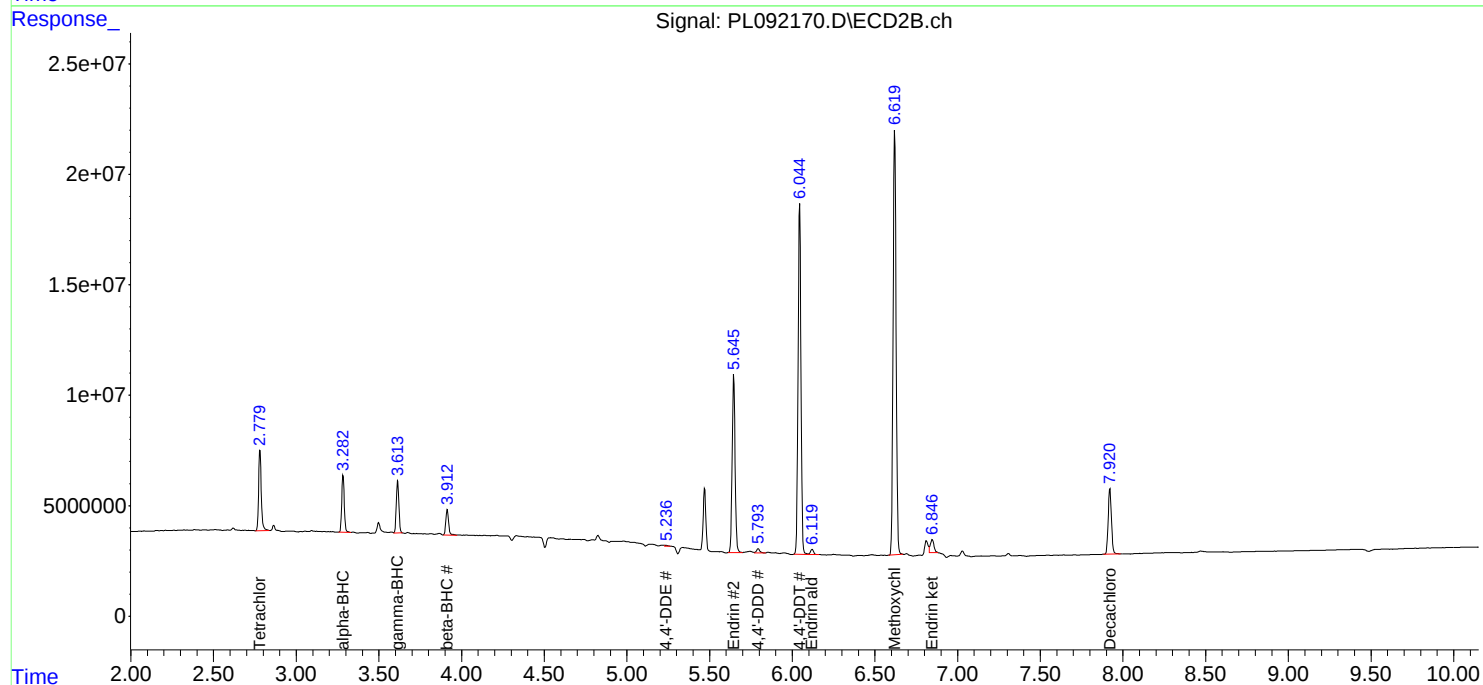
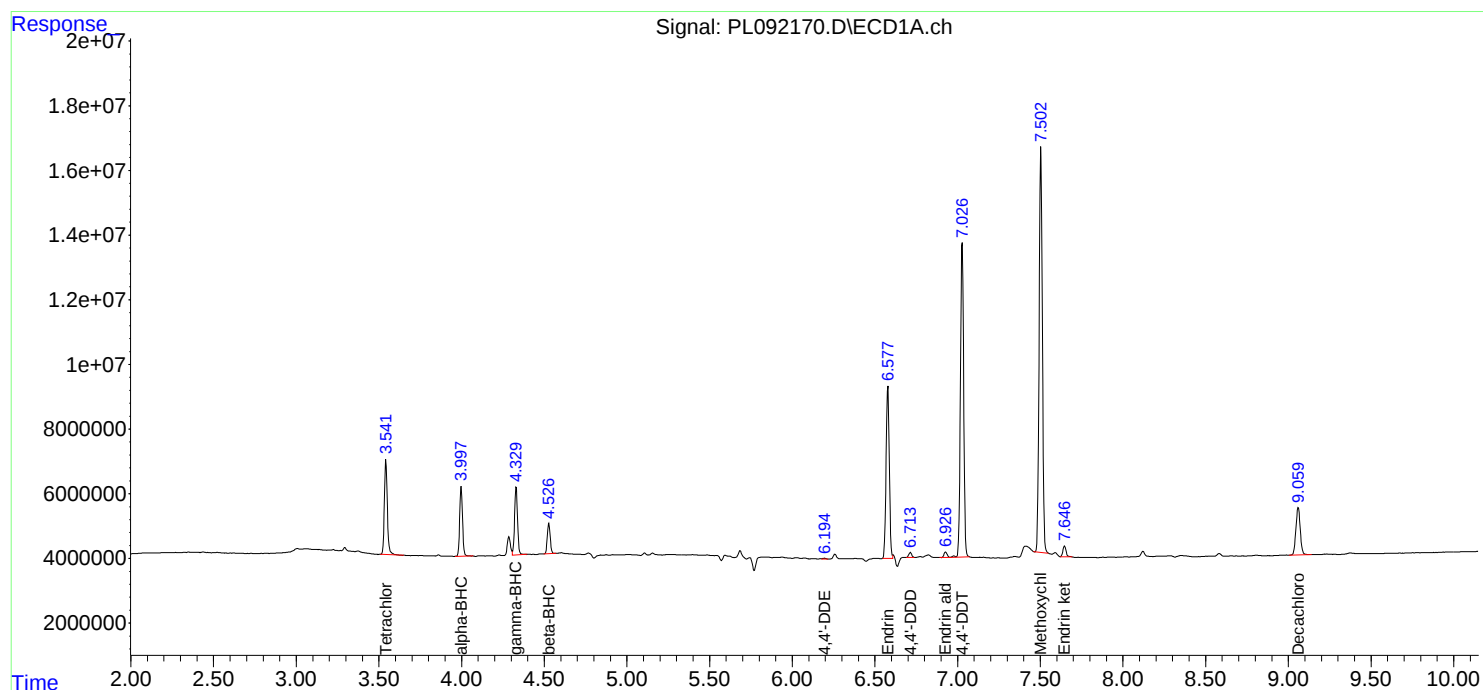
Instrument :
ECD_L
ClientSampleId :
PEM

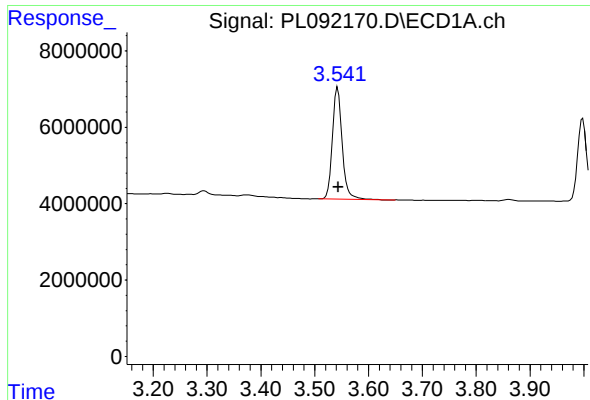
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Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
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Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL092324.M
Quant Title : GC Extractables
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Volume Inj. : 1 µl
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Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x0.5µm





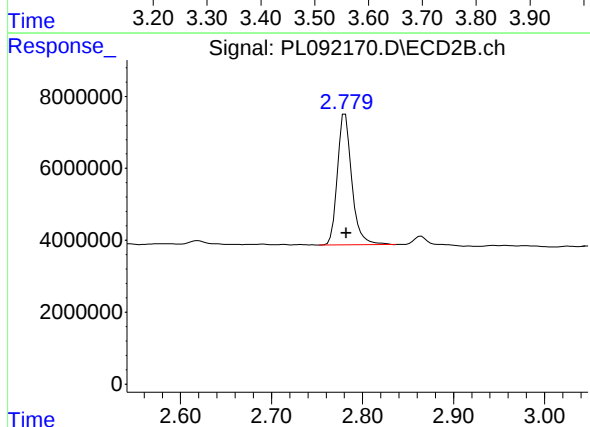
#1 Tetrachloro-m-xylene

R.T.: 3.543 min
Delta R.T.: -0.001 min
Response: 36742796
Conc: 16.52 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

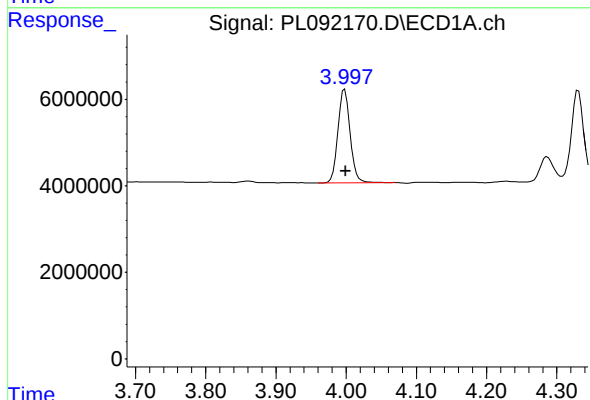
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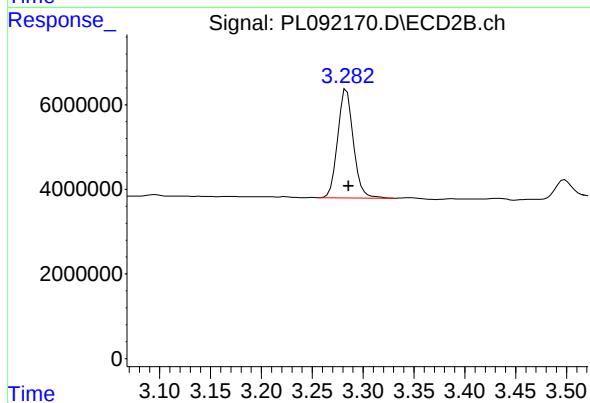
#1 Tetrachloro-m-xylene

R.T.: 2.781 min
Delta R.T.: -0.001 min
Response: 40032518
Conc: 15.96 ng/ml



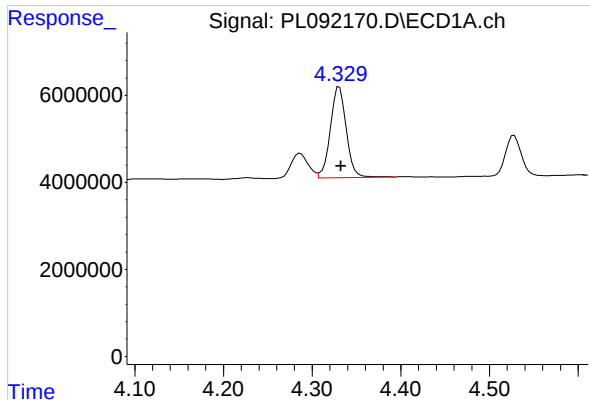
#2 alpha-BHC

R.T.: 3.998 min
Delta R.T.: -0.001 min
Response: 26093234
Conc: 8.43 ng/ml



#2 alpha-BHC

R.T.: 3.284 min
Delta R.T.: -0.002 min
Response: 27536760
Conc: 7.56 ng/ml



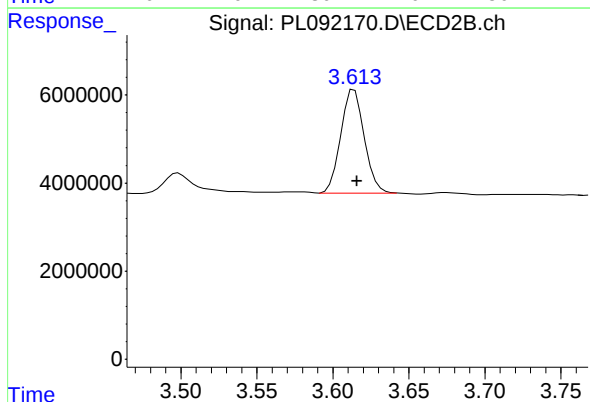
#3 gamma-BHC (Lindane)

R.T.: 4.331 min
Delta R.T.: -0.002 min
Response: 26072310
Conc: 8.41 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

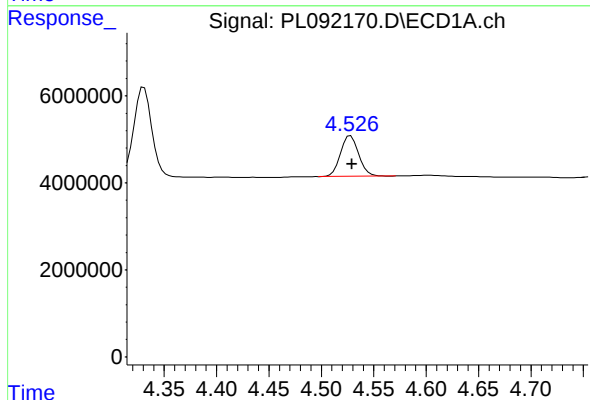
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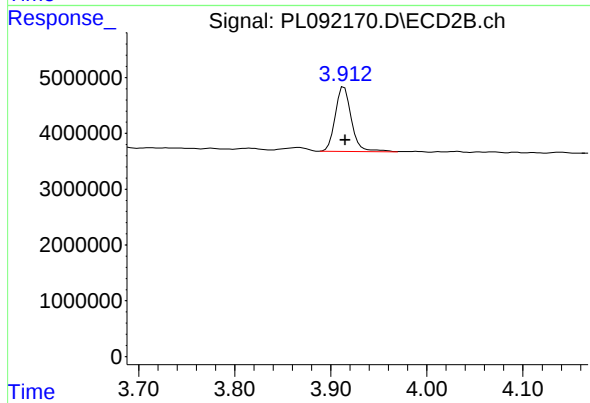
#3 gamma-BHC (Lindane)

R.T.: 3.613 min
Delta R.T.: -0.003 min
Response: 25330568
Conc: 7.17 ng/ml



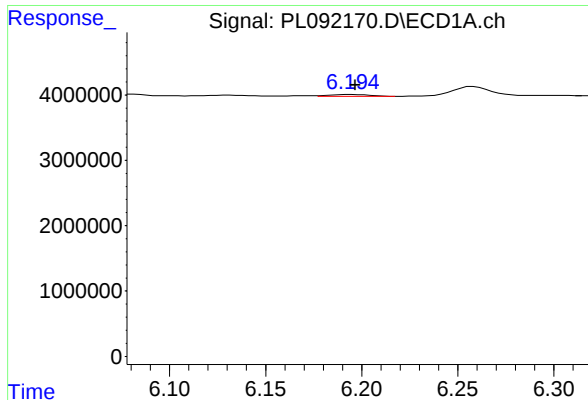
#6 beta-BHC

R.T.: 4.528 min
Delta R.T.: -0.001 min
Response: 11300092
Conc: 8.52 ng/ml



#6 beta-BHC

R.T.: 3.914 min
Delta R.T.: -0.001 min
Response: 13354065
Conc: 8.88 ng/ml



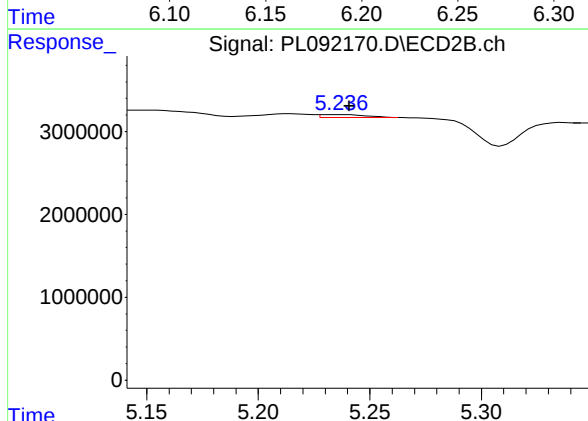
#12 4,4'-DDE

R.T.: 6.194 min
Delta R.T.: -0.003 min
Response: 410964
Conc: 0.19 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

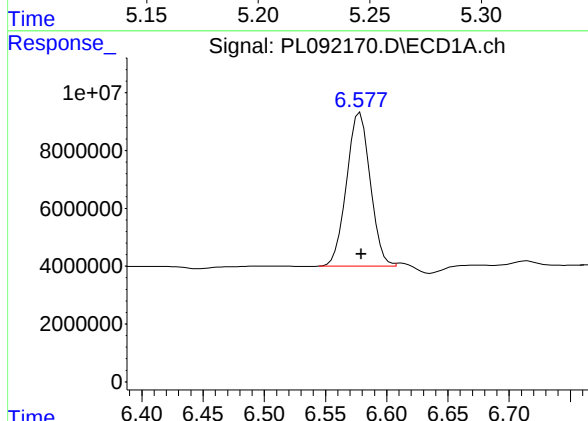
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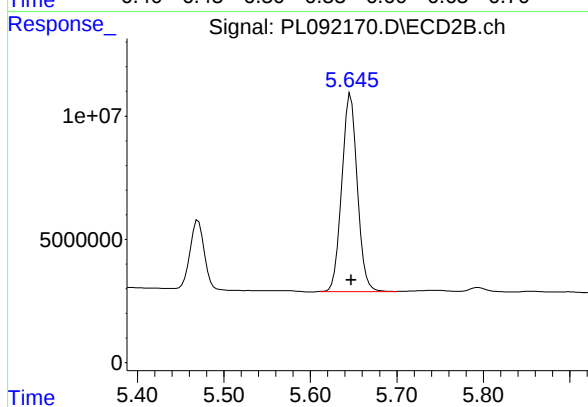
#12 4,4'-DDE

R.T.: 5.236 min
Delta R.T.: -0.005 min
Response: 490795
Conc: 0.18 ng/ml



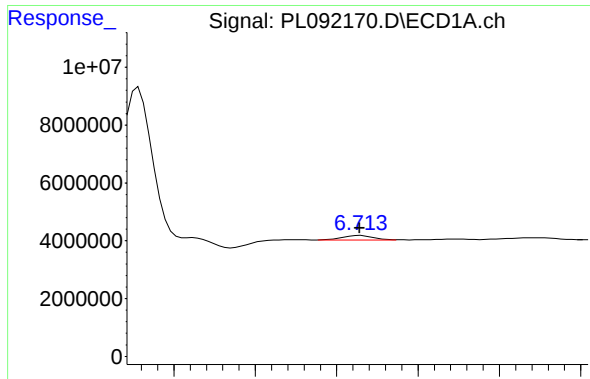
#14 Endrin

R.T.: 6.577 min
Delta R.T.: -0.002 min
Response: 71305331
Conc: 34.60 ng/ml



#14 Endrin

R.T.: 5.646 min
Delta R.T.: -0.001 min
Response: 99467937
Conc: 37.93 ng/ml



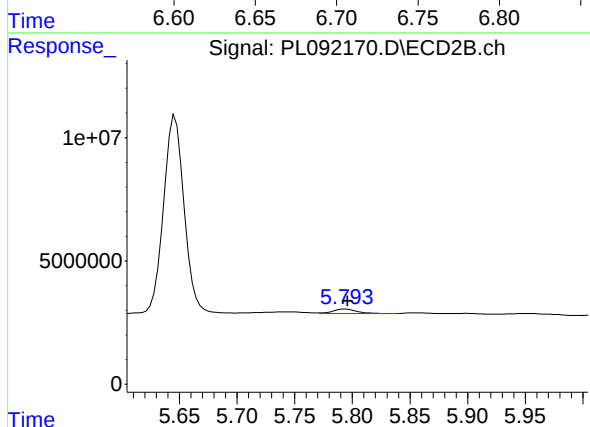
#16 4,4'-DDD

R.T.: 6.713 min
Delta R.T.: -0.001 min
Response: 1964548
Conc: 1.09 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

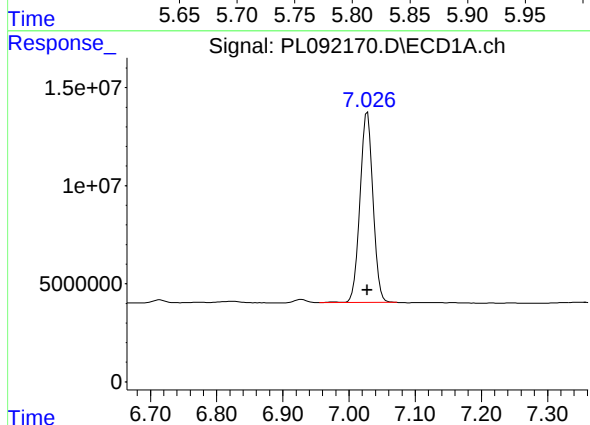
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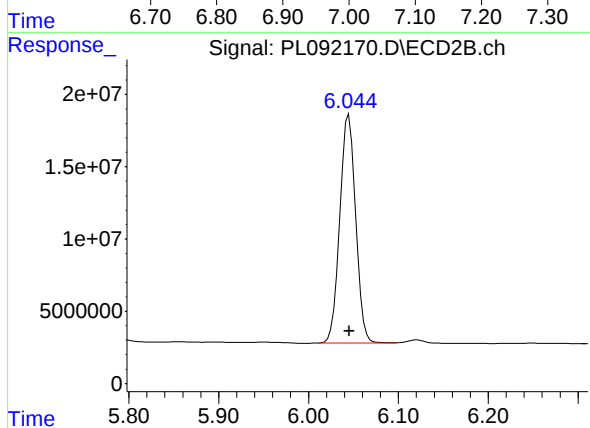
#16 4,4'-DDD

R.T.: 5.794 min
Delta R.T.: -0.002 min
Response: 2400053
Conc: 1.12 ng/ml



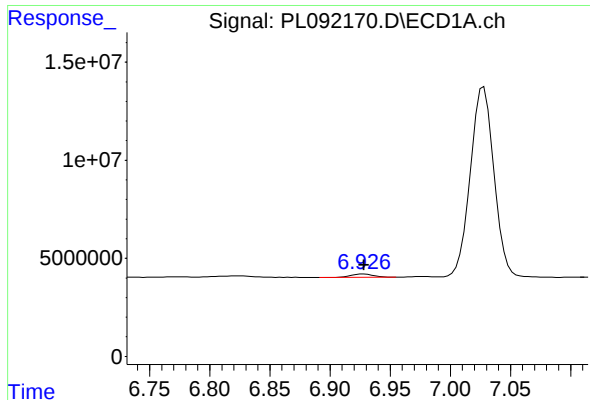
#17 4,4'-DDT

R.T.: 7.028 min
Delta R.T.: 0.000 min
Response: 133277024
Conc: 72.39 ng/ml



#17 4,4'-DDT

R.T.: 6.045 min
Delta R.T.: 0.000 min
Response: 193920920
Conc: 83.83 ng/ml



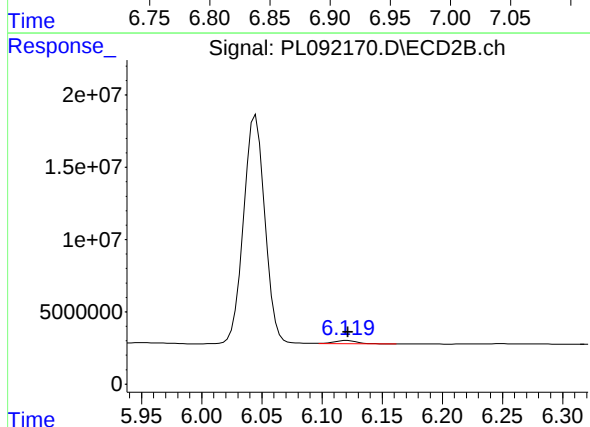
#18 Endrin aldehyde

R.T.: 6.928 min
Delta R.T.: 0.000 min
Response: 2217079
Conc: 1.27 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

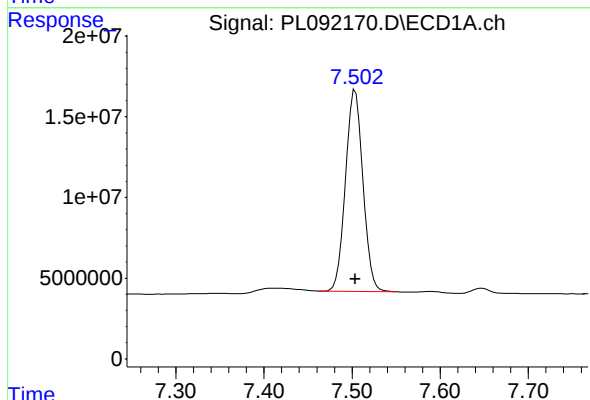
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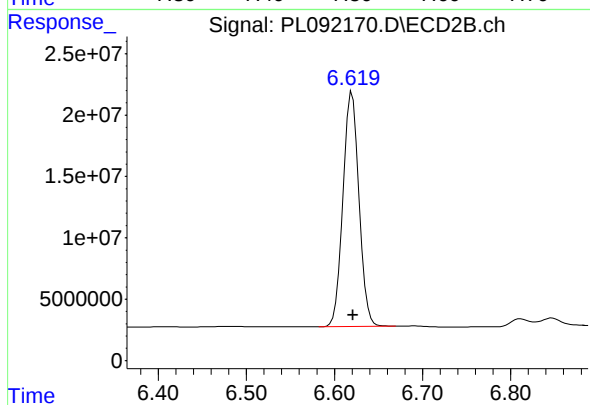
#18 Endrin aldehyde

R.T.: 6.121 min
Delta R.T.: 0.000 min
Response: 2996733
Conc: 1.47 ng/ml



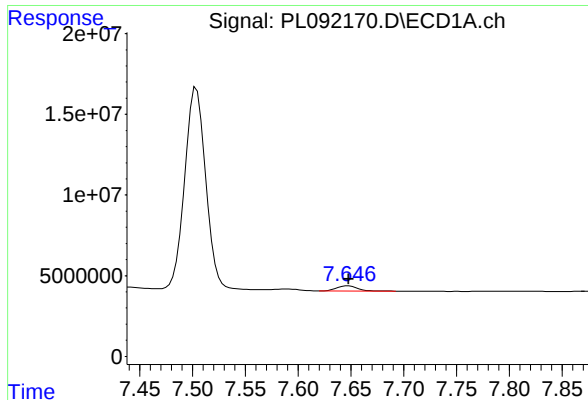
#20 Methoxychlor

R.T.: 7.504 min
Delta R.T.: 0.000 min
Response: 171803839
Conc: 175.00 ng/ml



#20 Methoxychlor

R.T.: 6.620 min
Delta R.T.: 0.000 min
Response: 241999838
Conc: 193.55 ng/ml



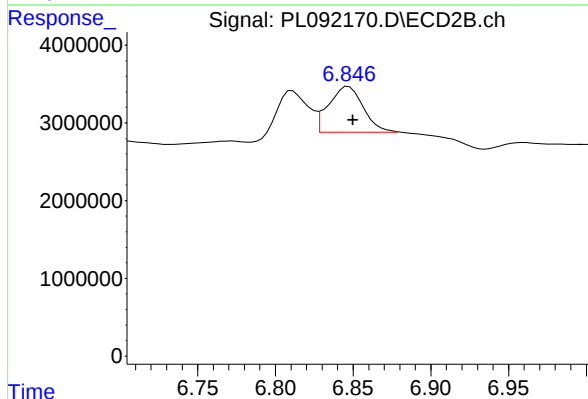
#21 Endrin ketone

R.T.: 7.647 min
Delta R.T.: 0.000 min
Response: 4469820
Conc: 2.03 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

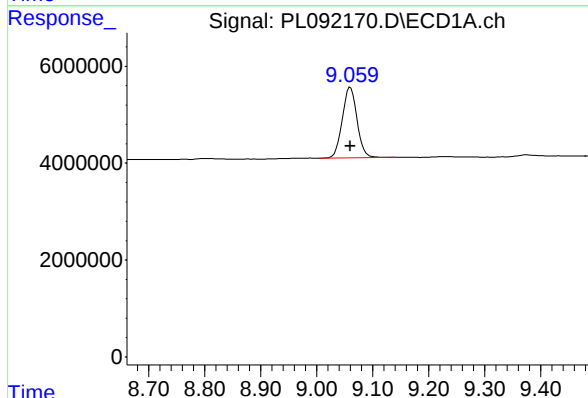
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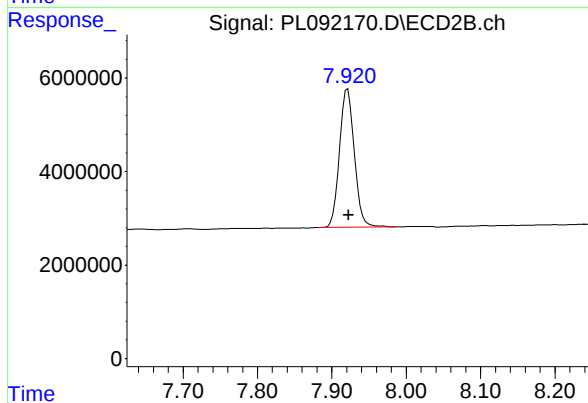
#21 Endrin ketone

R.T.: 6.846 min
Delta R.T.: -0.004 min
Response: 8853536
Conc: 3.20 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.060 min
Delta R.T.: 0.000 min
Response: 26578431
Conc: 16.22 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.921 min
Delta R.T.: -0.001 min
Response: 40972675
Conc: 16.38 ng/ml