

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL011625\
 Data File : PL093662.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 16 Jan 2025 12:08
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 01/17/2025
 Supervised By : Ankita Jodhani 01/17/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jan 17 06:17:30 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL122324.M
 Quant Title : GC Extractables
 QLast Update : Tue Dec 24 15:29:41 2024
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds							
1)	SA Tetrachlo...	3.540	2.775	56662477	64537378	22.888	22.169
28)	SA Decachlor...	9.058	7.913	42714822	69854447	23.101	23.395
Target Compounds							
2)	A alpha-BHC	3.996	3.278	41953146	46147135	12.152	10.616
3)	MA gamma-BHC...	4.328	3.608	39987878	43574473	12.194	10.327
6)	B beta-BHC	4.527	3.908	18379430	21172810	12.749	11.779
12)	B 4,4'-DDE	6.195	5.233	367239	449157	0.164m	0.122 #
14)	MA Endrin	6.576	5.638	110.9E6	181.5E6	51.508	54.873
16)	A 4,4'-DDD	6.712	5.787	2567442	3410161	1.462m	1.205
17)	MA 4,4'-DDT	7.026	6.037	195.1E6	371.5E6	105.538	122.993
18)	B Endrin al...	6.926	6.112	3115332	6813765	1.756	2.530 #
20)	A Methoxychlor	7.503	6.612	232.9E6	420.6E6	233.008	261.316
21)	B Endrin ke...	7.645	6.840	5632329	9043083	2.510	2.484

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

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Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

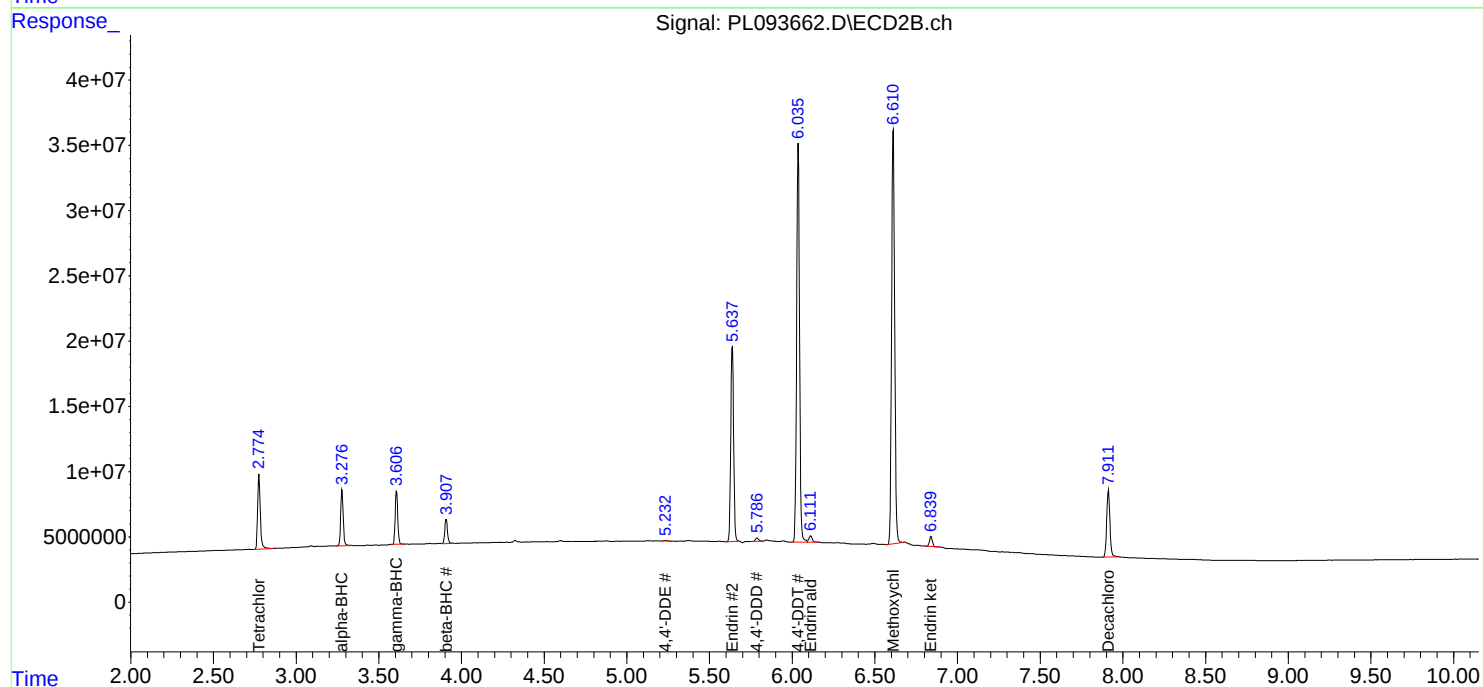
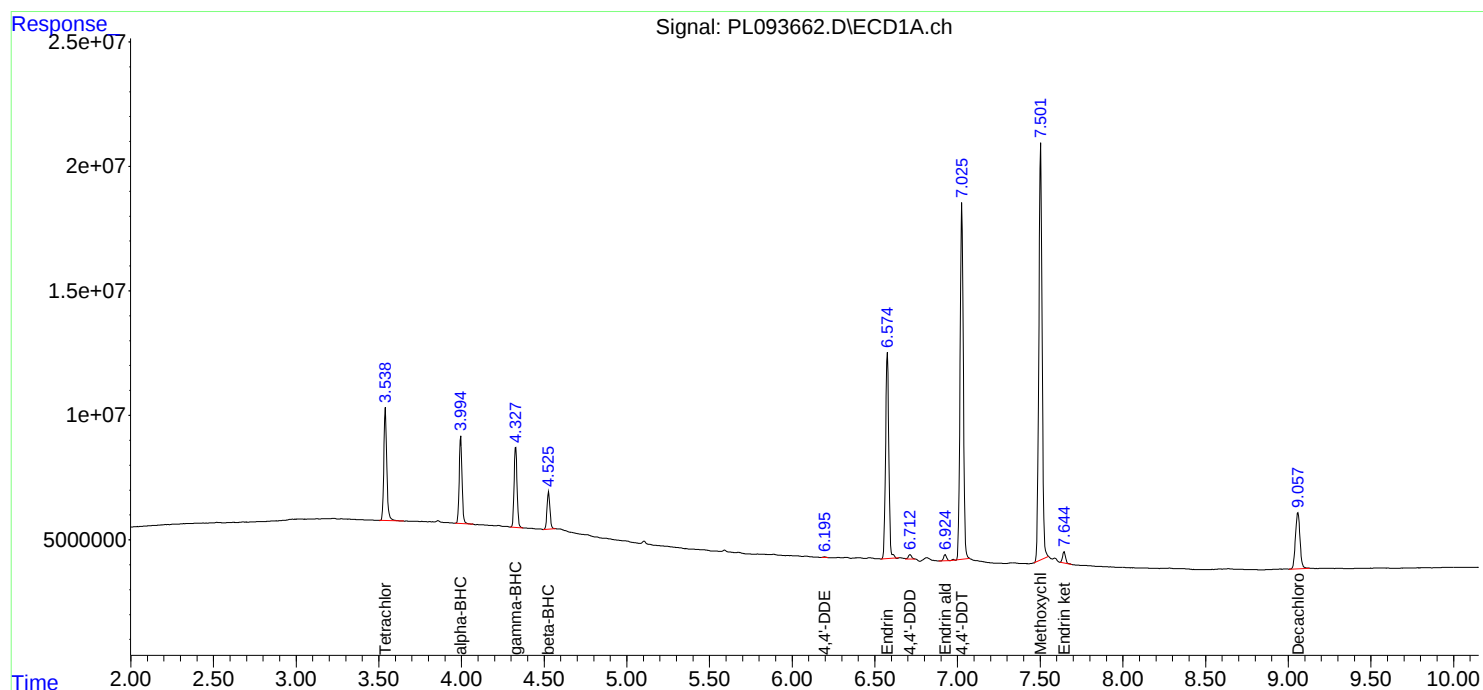
Instrument :
ECD_L
ClientSampleId :
PEM

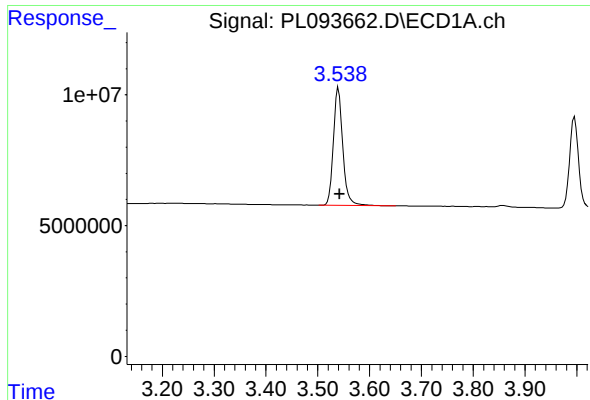
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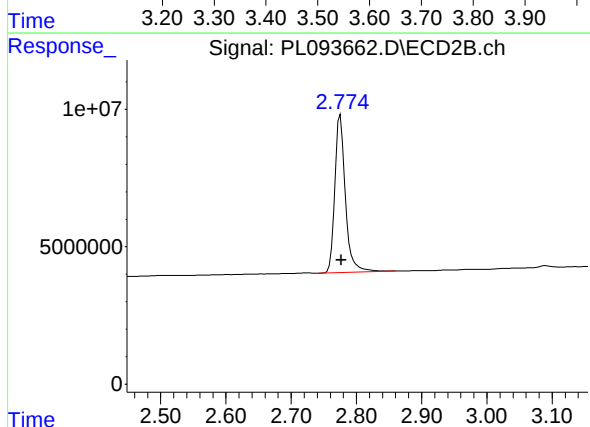
#1 Tetrachloro-m-xylene

R.T.: 3.540 min
Delta R.T.: -0.002 min
Response: 56662477
Conc: 22.89 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

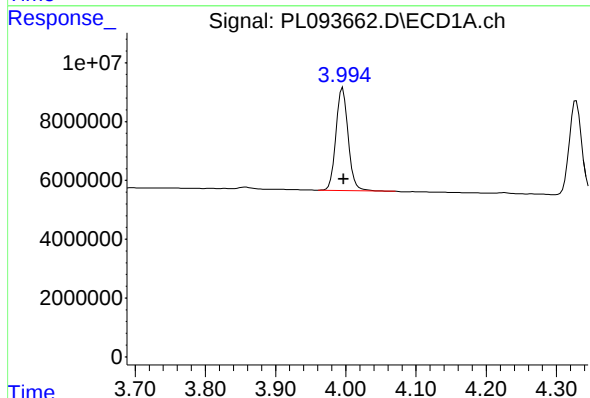
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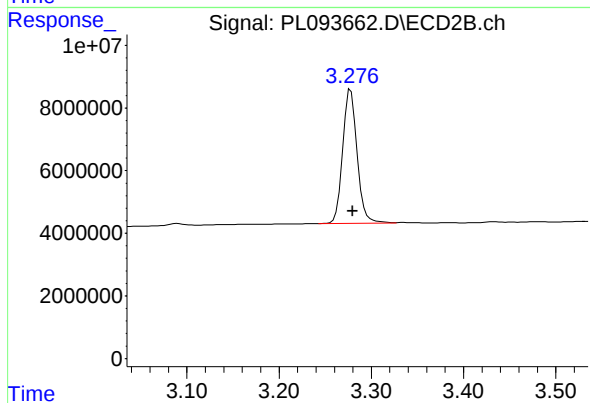
#1 Tetrachloro-m-xylene

R.T.: 2.775 min
Delta R.T.: -0.002 min
Response: 64537378
Conc: 22.17 ng/ml



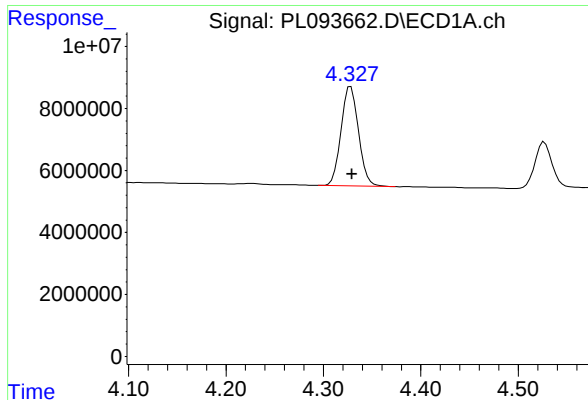
#2 alpha-BHC

R.T.: 3.996 min
Delta R.T.: -0.001 min
Response: 41953146
Conc: 12.15 ng/ml



#2 alpha-BHC

R.T.: 3.278 min
Delta R.T.: -0.002 min
Response: 46147135
Conc: 10.62 ng/ml



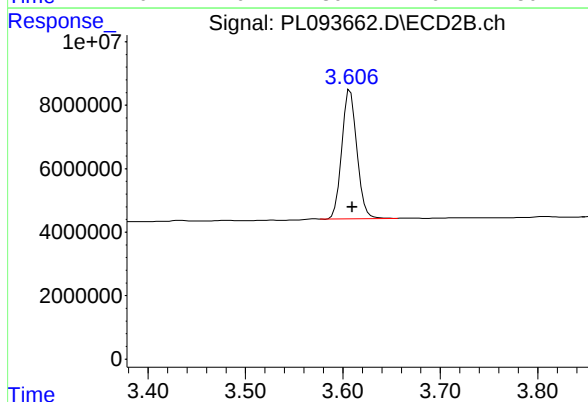
#3 gamma-BHC (Lindane)

R.T.: 4.328 min
Delta R.T.: -0.001 min
Response: 39987878
Conc: 12.19 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

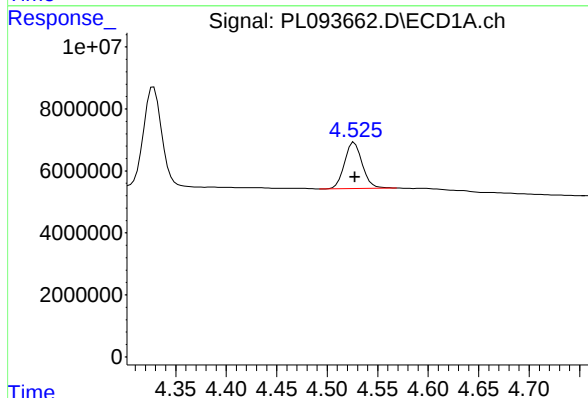
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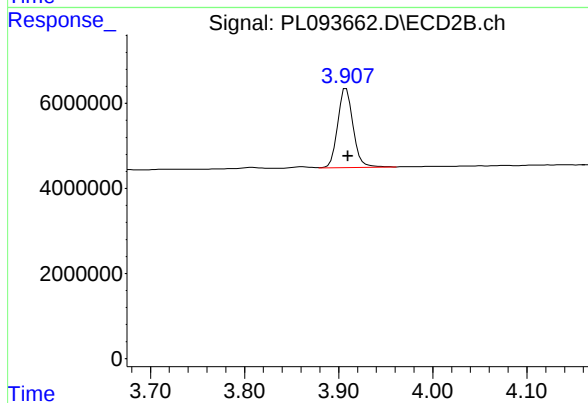
#3 gamma-BHC (Lindane)

R.T.: 3.608 min
Delta R.T.: -0.002 min
Response: 43574473
Conc: 10.33 ng/ml



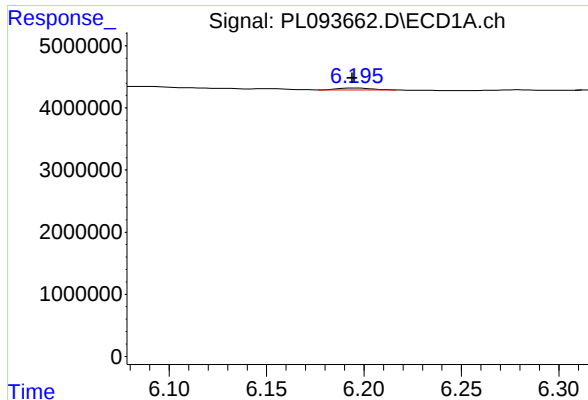
#6 beta-BHC

R.T.: 4.527 min
Delta R.T.: 0.000 min
Response: 18379430
Conc: 12.75 ng/ml



#6 beta-BHC

R.T.: 3.908 min
Delta R.T.: -0.002 min
Response: 21172810
Conc: 11.78 ng/ml



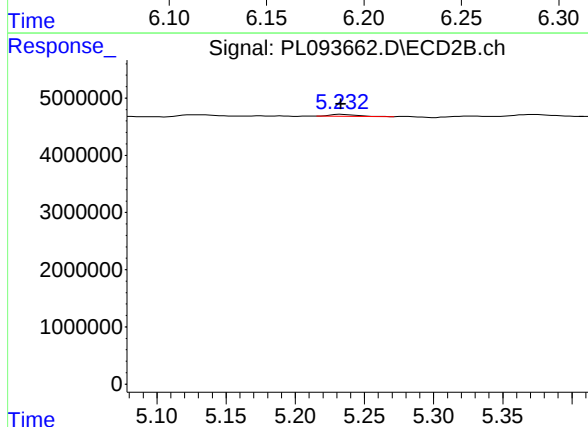
#12 4,4'-DDE

R.T.: 6.195 min
Delta R.T.: 0.000 min
Response: 367239
Conc: 0.16 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

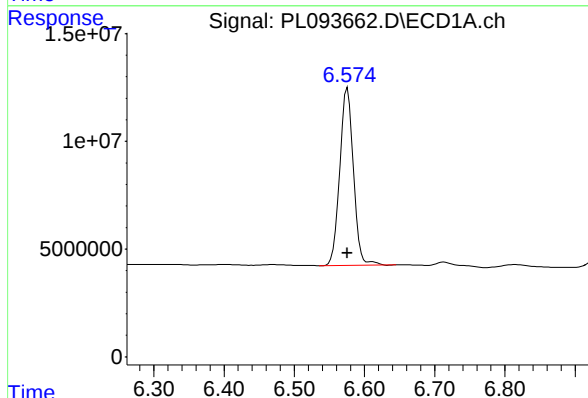
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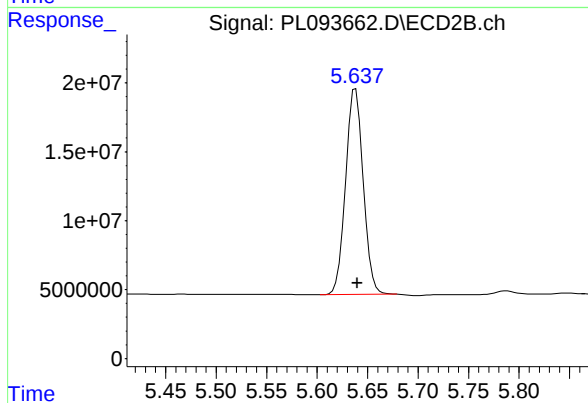
#12 4,4'-DDE

R.T.: 5.233 min
Delta R.T.: 0.000 min
Response: 449157
Conc: 0.12 ng/ml



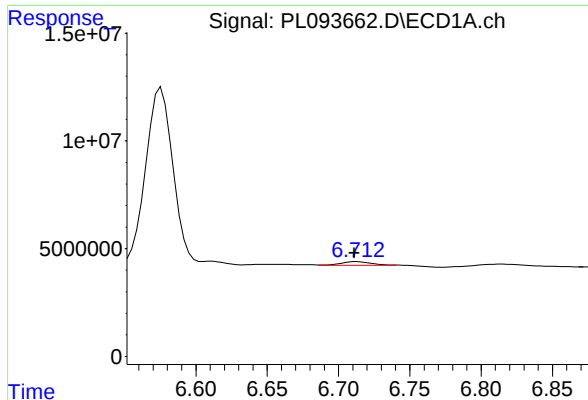
#14 Endrin

R.T.: 6.576 min
Delta R.T.: 0.000 min
Response: 110867569
Conc: 51.51 ng/ml



#14 Endrin

R.T.: 5.638 min
Delta R.T.: -0.001 min
Response: 181536613
Conc: 54.87 ng/ml



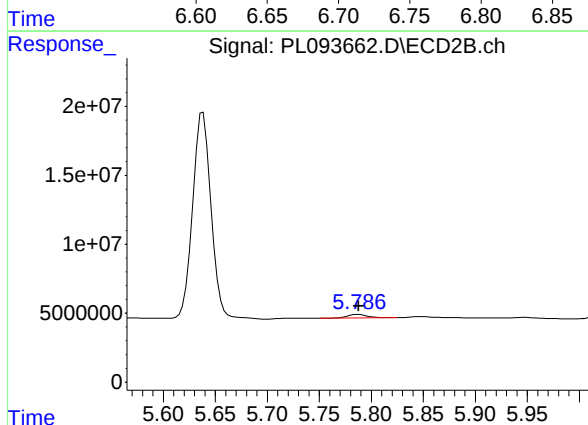
#16 4,4'-DDD

R.T.: 6.712 min
Delta R.T.: 0.000 min
Response: 2567442
Conc: 1.46 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

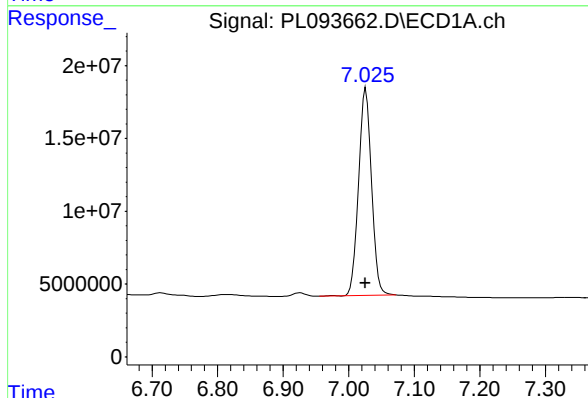
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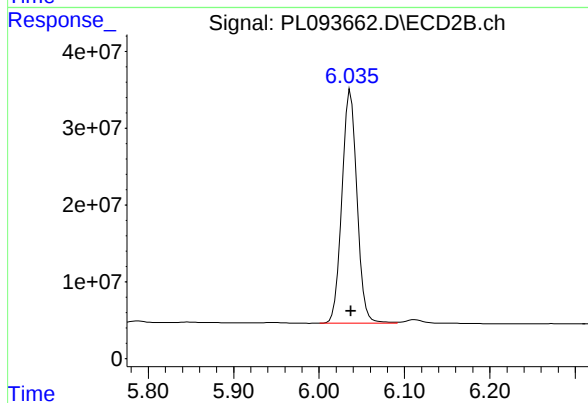
#16 4,4'-DDD

R.T.: 5.787 min
Delta R.T.: 0.000 min
Response: 3410161
Conc: 1.20 ng/ml



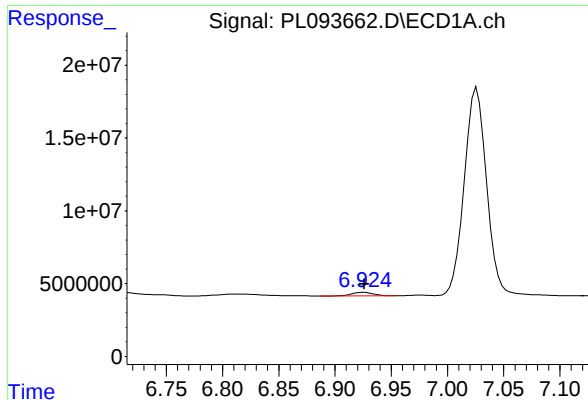
#17 4,4'-DDT

R.T.: 7.026 min
Delta R.T.: 0.001 min
Response: 195088692
Conc: 105.54 ng/ml



#17 4,4'-DDT

R.T.: 6.037 min
Delta R.T.: 0.000 min
Response: 371477019
Conc: 122.99 ng/ml



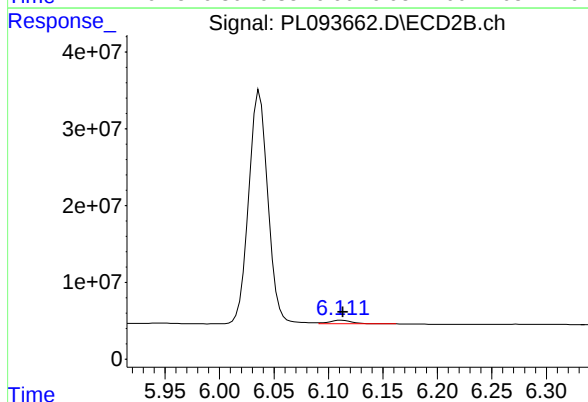
#18 Endrin aldehyde

R.T.: 6.926 min
Delta R.T.: 0.000 min
Response: 3115332
Conc: 1.76 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

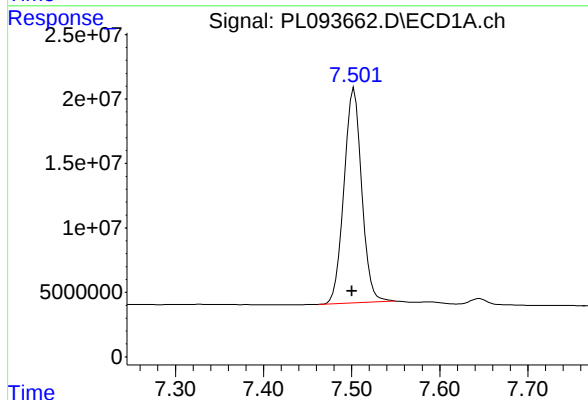
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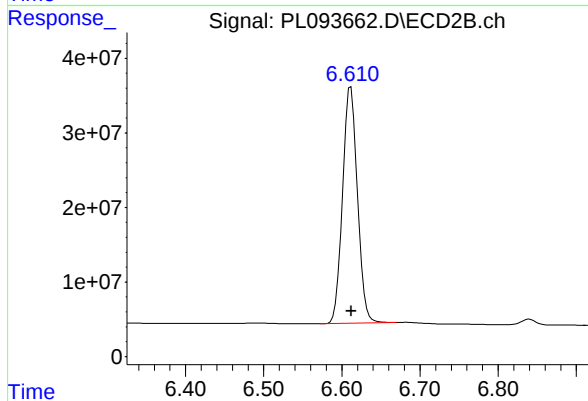
#18 Endrin aldehyde

R.T.: 6.112 min
Delta R.T.: -0.001 min
Response: 6813765
Conc: 2.53 ng/ml



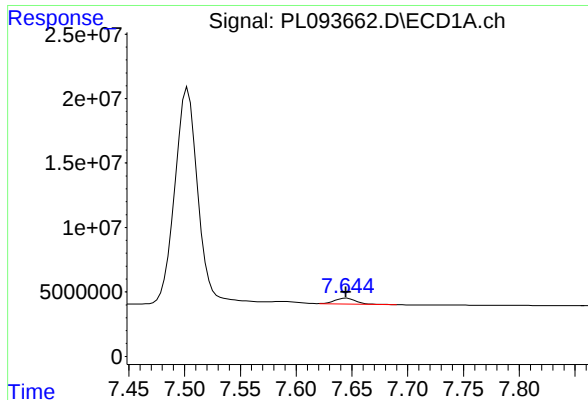
#20 Methoxychlor

R.T.: 7.503 min
Delta R.T.: 0.002 min
Response: 232932687
Conc: 233.01 ng/ml



#20 Methoxychlor

R.T.: 6.612 min
Delta R.T.: 0.000 min
Response: 420624443
Conc: 261.32 ng/ml



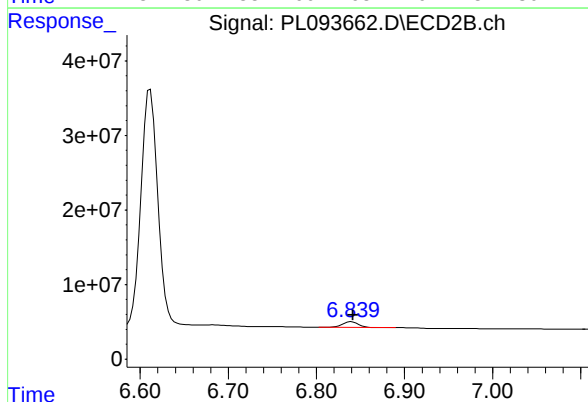
#21 Endrin ketone

R.T.: 7.645 min
Delta R.T.: 0.000 min
Response: 5632329
Conc: 2.51 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

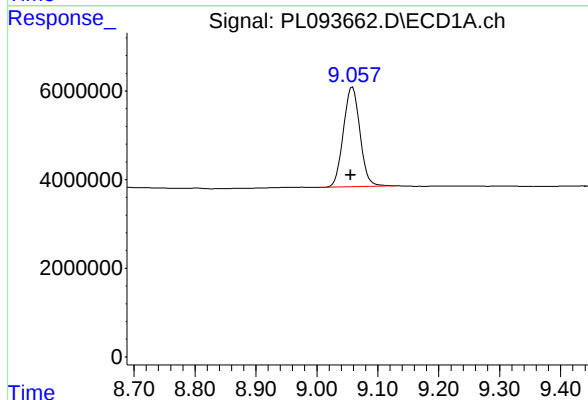
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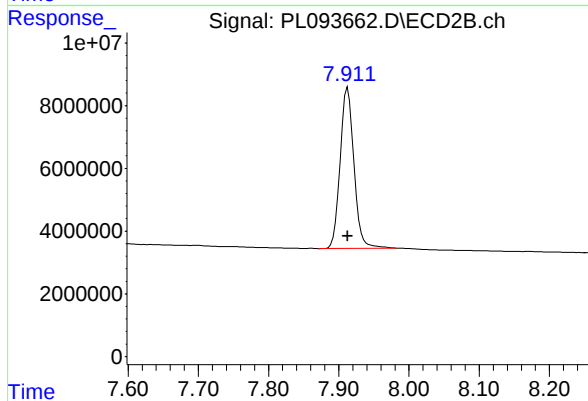
#21 Endrin ketone

R.T.: 6.840 min
Delta R.T.: -0.002 min
Response: 9043083
Conc: 2.48 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.058 min
Delta R.T.: 0.003 min
Response: 42714822
Conc: 23.10 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.913 min
Delta R.T.: 0.000 min
Response: 69854447
Conc: 23.39 ng/ml