

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL123024\
 Data File : PL093557.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 30 Dec 2024 10:20
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 12/31/2024
 Supervised By :Ankita Jodhani 12/31/2024

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 31 02:19:30 2024
 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...	3.537	2.773	62747471	70105086	25.345	24.081
28) SA Decachlor...	9.059	7.914	44813545	69708756	24.236	23.346
Target Compounds						
2) A alpha-BHC	3.994	3.276	46383984	50153063	13.435	11.538
3) MA gamma-BHC...	4.326	3.606	43204629	47274323	13.174	11.204
6) B beta-BHC	4.525	3.907	19382156	22986775	13.445	12.788
12) B 4,4'-DDE	6.193	5.228	284070	514904	0.127m	0.140m
14) MA Endrin	6.574	5.638	111.2E6	187.1E6	51.645m	56.563
16) A 4,4'-DDD	6.711	5.787	6033205	8279201	3.436	2.925
17) MA 4,4'-DDT	7.026	6.037	207.0E6	384.3E6	112.006	127.253
18) B Endrin al...	6.926	6.113	4463013	7037855	2.515	2.613
20) A Methoxychlor	7.502	6.612	251.3E6	443.7E6	251.382	275.670
21) B Endrin ke...	7.646	6.840	8199864	12205640	3.654	3.353

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

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

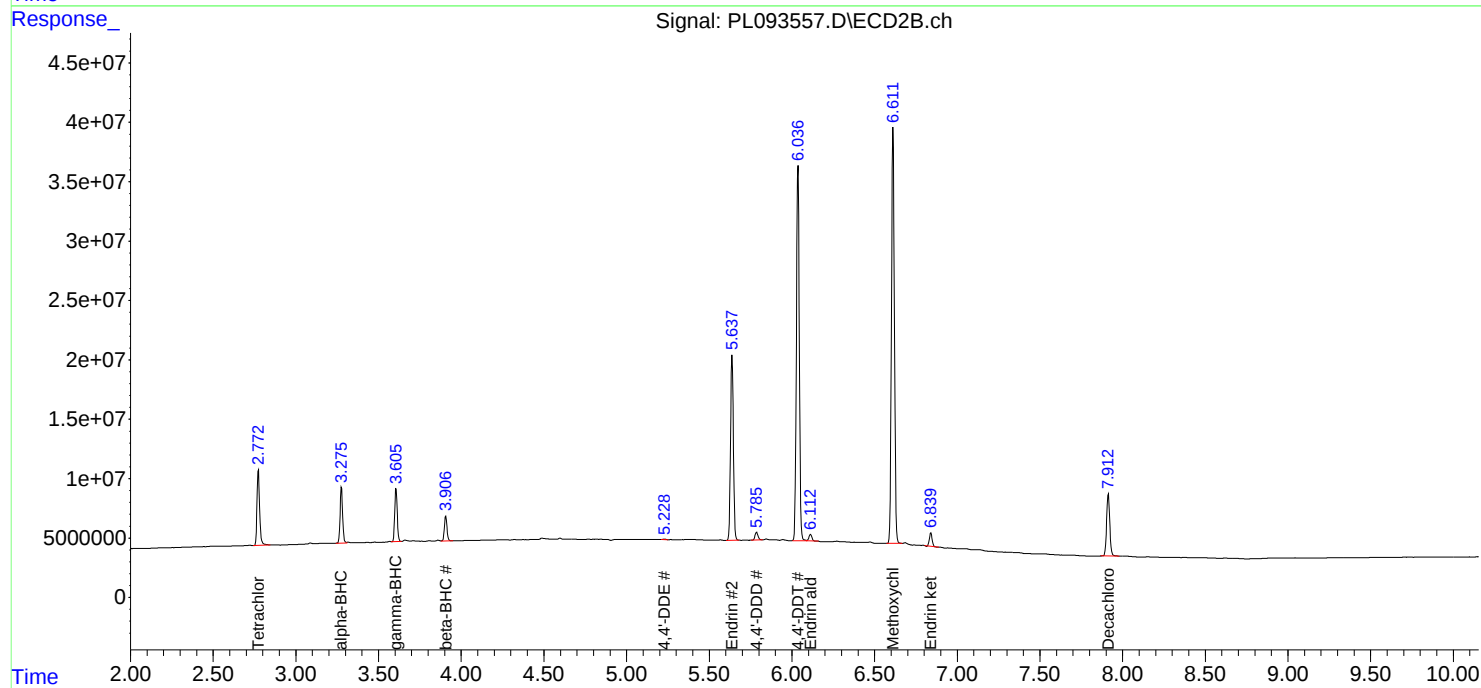
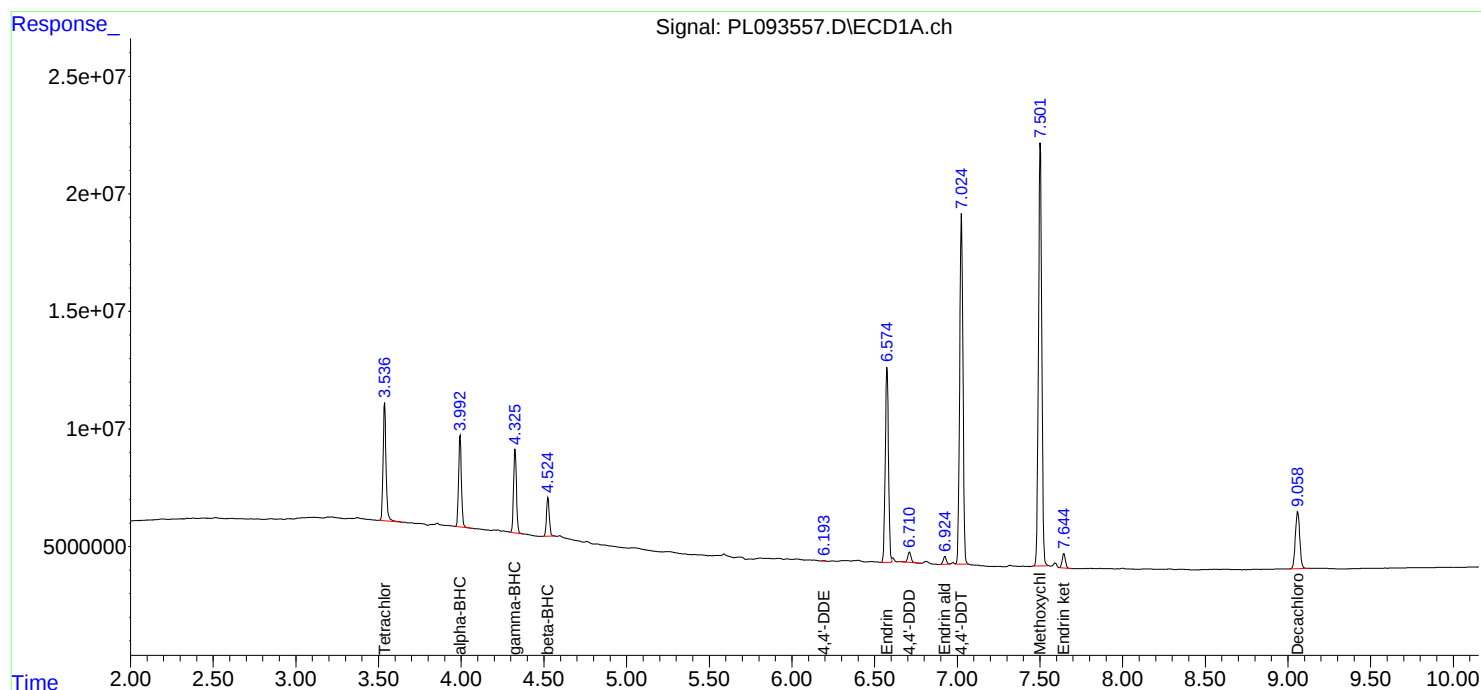
Instrument :
ECD_L
ClientSampleId :
PEM

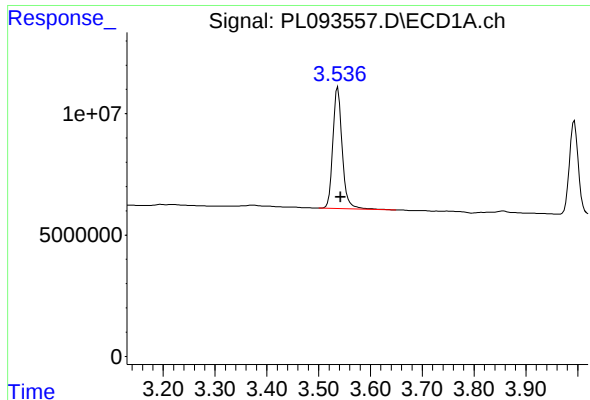
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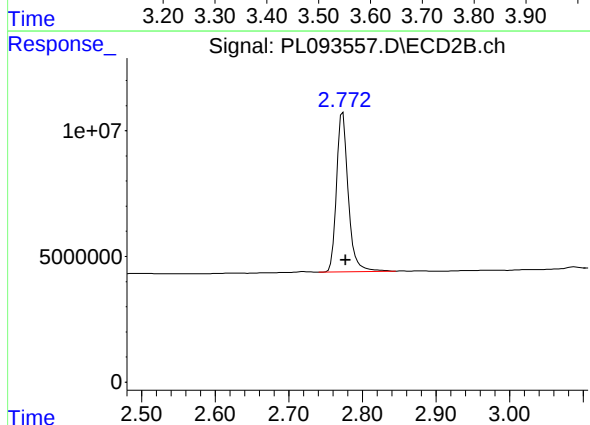
#1 Tetrachloro-m-xylene

R.T.: 3.537 min
Delta R.T.: -0.005 min
Response: 62747471
Conc: 25.35 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

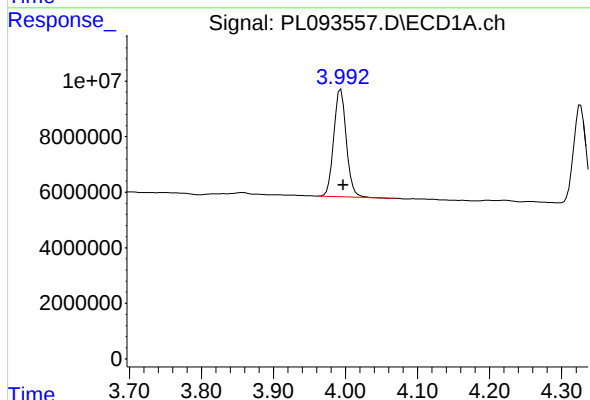
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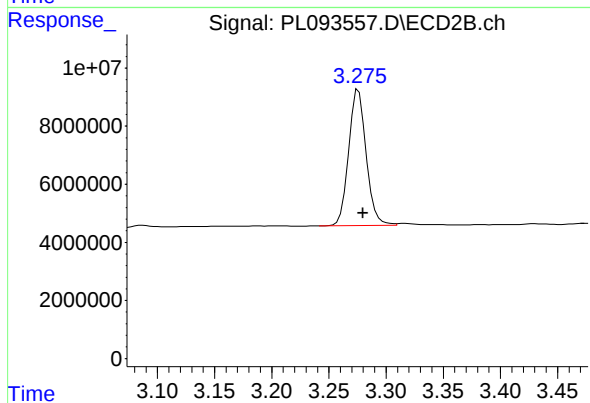
#1 Tetrachloro-m-xylene

R.T.: 2.773 min
Delta R.T.: -0.004 min
Response: 70105086
Conc: 24.08 ng/ml



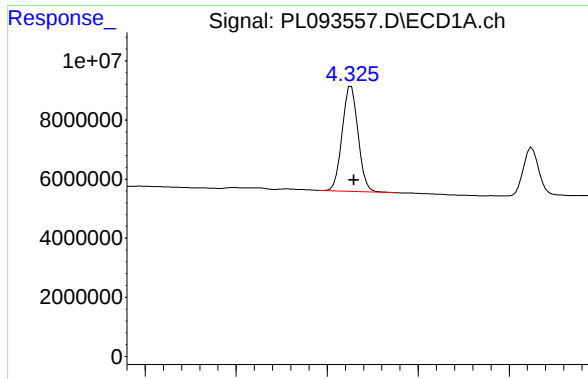
#2 alpha-BHC

R.T.: 3.994 min
Delta R.T.: -0.004 min
Response: 46383984
Conc: 13.44 ng/ml



#2 alpha-BHC

R.T.: 3.276 min
Delta R.T.: -0.004 min
Response: 50153063
Conc: 11.54 ng/ml



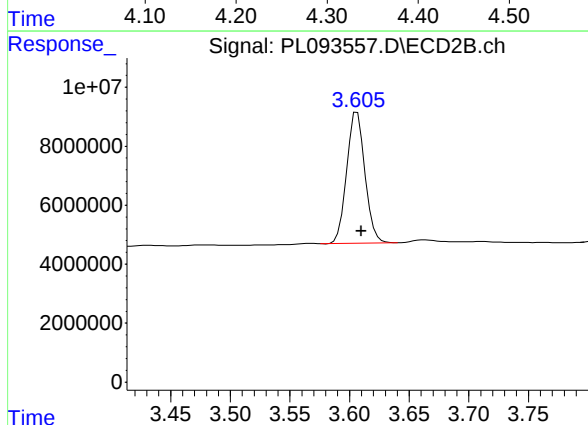
#3 gamma-BHC (Lindane)

R.T.: 4.326 min
Delta R.T.: -0.003 min
Response: 43204629
Conc: 13.17 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

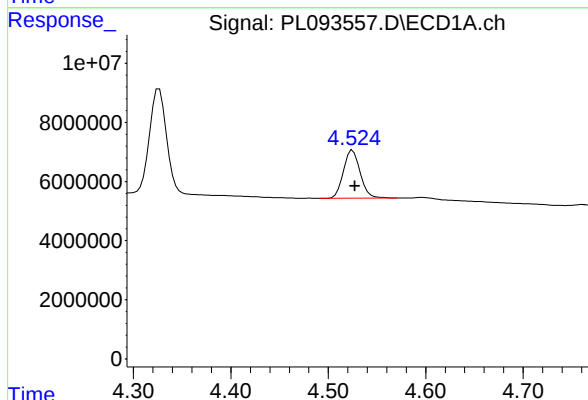
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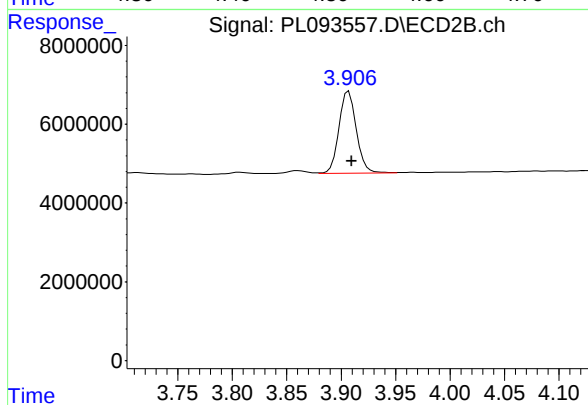
#3 gamma-BHC (Lindane)

R.T.: 3.606 min
Delta R.T.: -0.003 min
Response: 47274323
Conc: 11.20 ng/ml



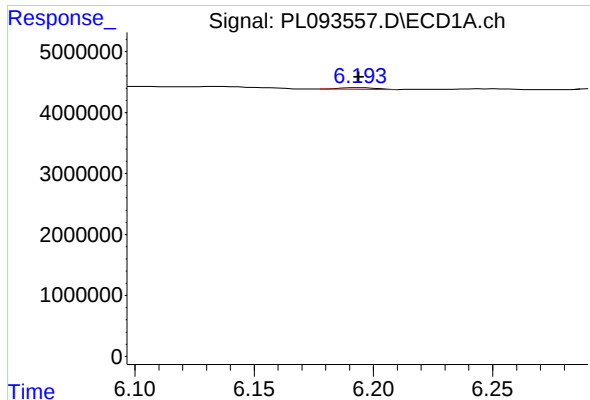
#6 beta-BHC

R.T.: 4.525 min
Delta R.T.: -0.002 min
Response: 19382156
Conc: 13.44 ng/ml



#6 beta-BHC

R.T.: 3.907 min
Delta R.T.: -0.003 min
Response: 22986775
Conc: 12.79 ng/ml



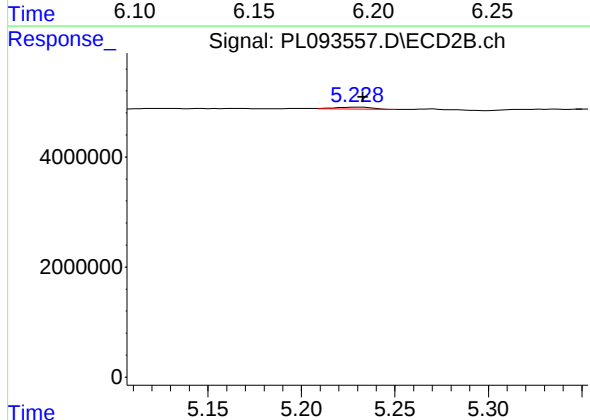
#12 4,4'-DDE

R.T.: 6.193 min
Delta R.T.: 0.000 min
Response: 284070
Conc: 0.13 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

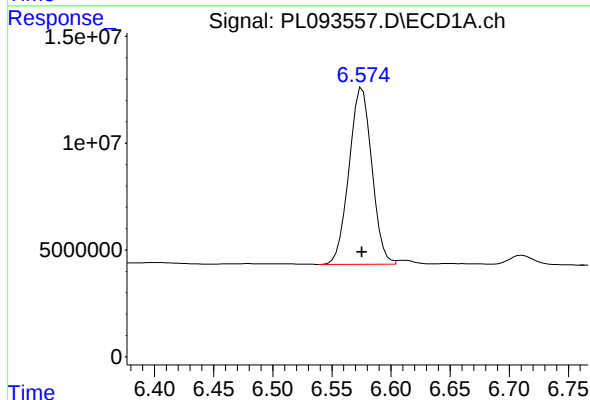
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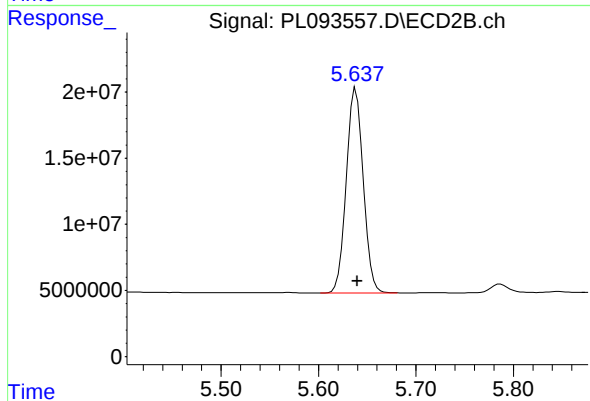
#12 4,4'-DDE

R.T.: 5.228 min
Delta R.T.: -0.005 min
Response: 514904
Conc: 0.14 ng/ml



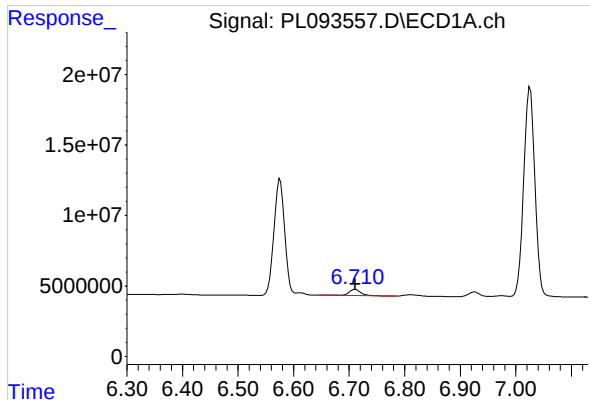
#14 Endrin

R.T.: 6.574 min
Delta R.T.: -0.001 min
Response: 111163208
Conc: 51.65 ng/ml



#14 Endrin

R.T.: 5.638 min
Delta R.T.: -0.001 min
Response: 187127700
Conc: 56.56 ng/ml



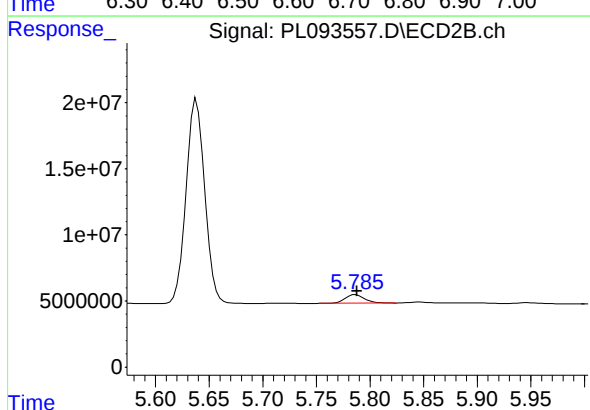
#16 4,4'-DDD

R.T.: 6.711 min
Delta R.T.: 0.000 min
Response: 6033205
Conc: 3.44 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

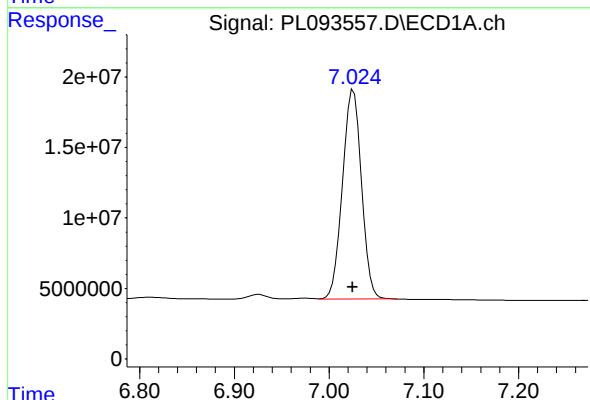
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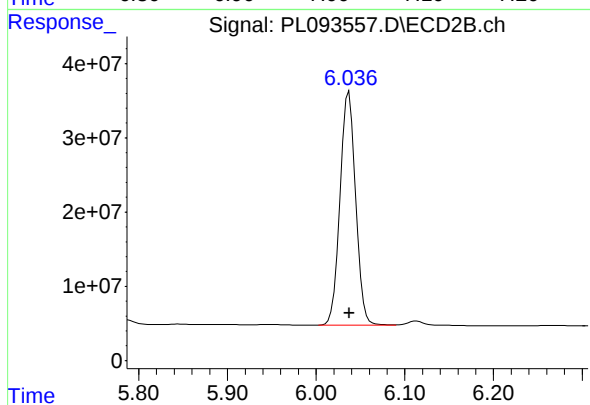
#16 4,4'-DDD

R.T.: 5.787 min
Delta R.T.: -0.001 min
Response: 8279201
Conc: 2.93 ng/ml



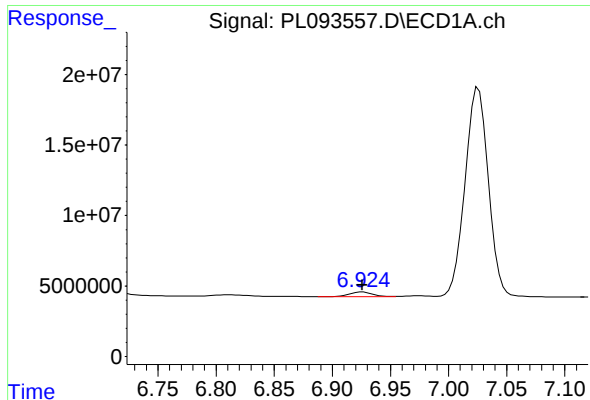
#17 4,4'-DDT

R.T.: 7.026 min
Delta R.T.: 0.000 min
Response: 207046304
Conc: 112.01 ng/ml



#17 4,4'-DDT

R.T.: 6.037 min
Delta R.T.: 0.000 min
Response: 384342353
Conc: 127.25 ng/ml



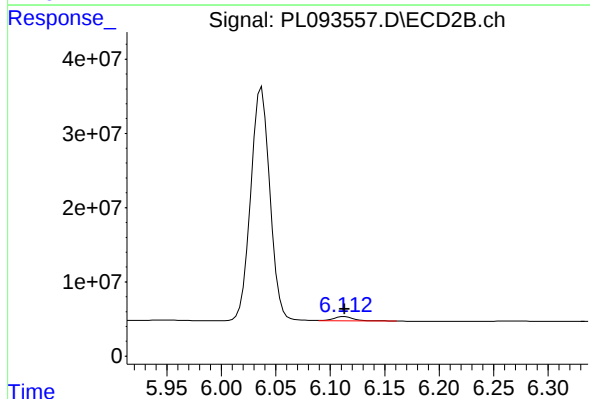
#18 Endrin aldehyde

R.T.: 6.926 min
Delta R.T.: 0.000 min
Response: 4463013
Conc: 2.52 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

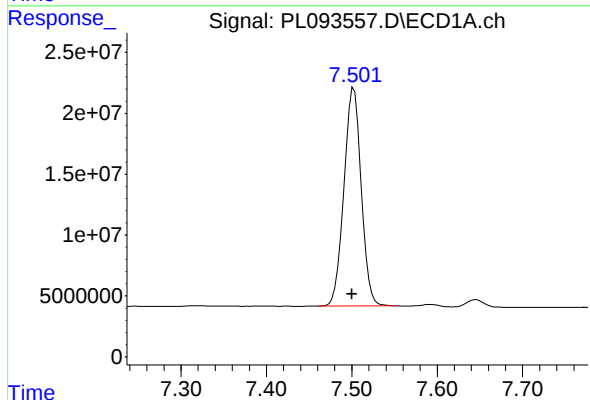
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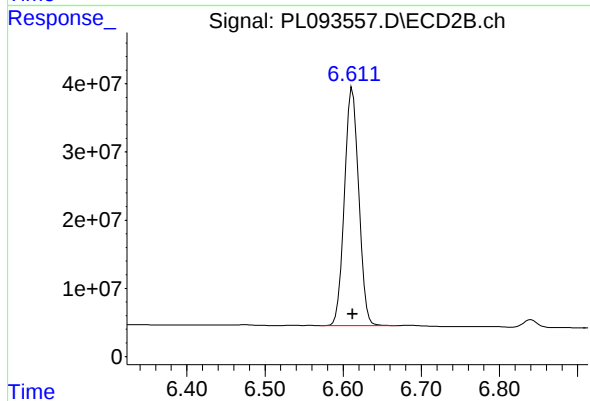
#18 Endrin aldehyde

R.T.: 6.113 min
Delta R.T.: 0.000 min
Response: 7037855
Conc: 2.61 ng/ml



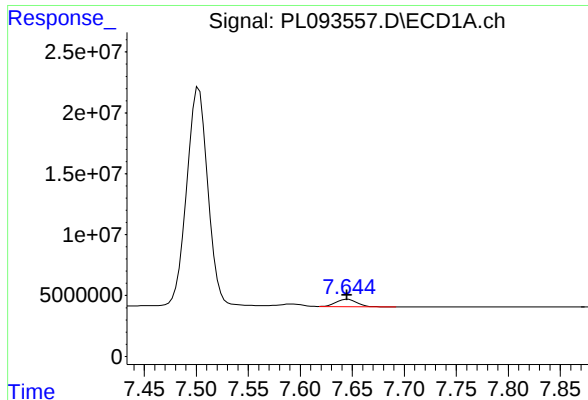
#20 Methoxychlor

R.T.: 7.502 min
Delta R.T.: 0.002 min
Response: 251300866
Conc: 251.38 ng/ml



#20 Methoxychlor

R.T.: 6.612 min
Delta R.T.: 0.000 min
Response: 443728273
Conc: 275.67 ng/ml



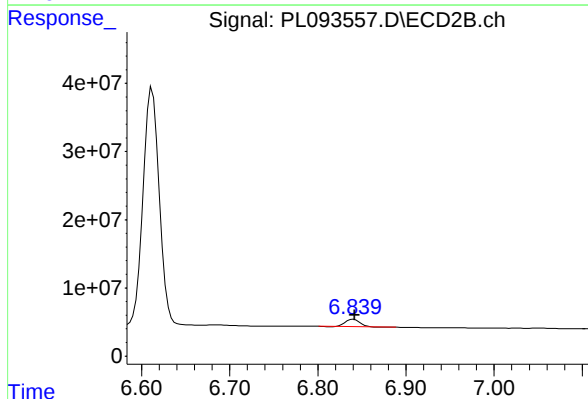
#21 Endrin ketone

R.T.: 7.646 min
Delta R.T.: 0.000 min
Response: 8199864
Conc: 3.65 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

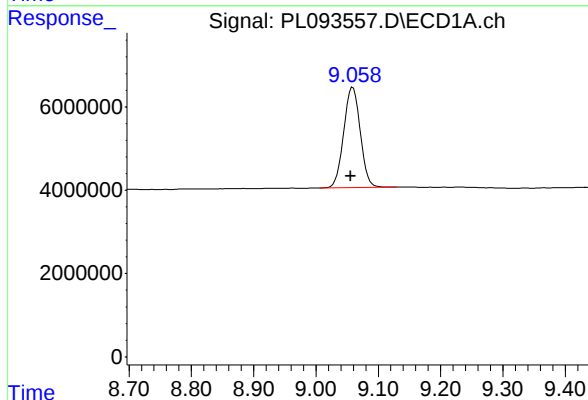
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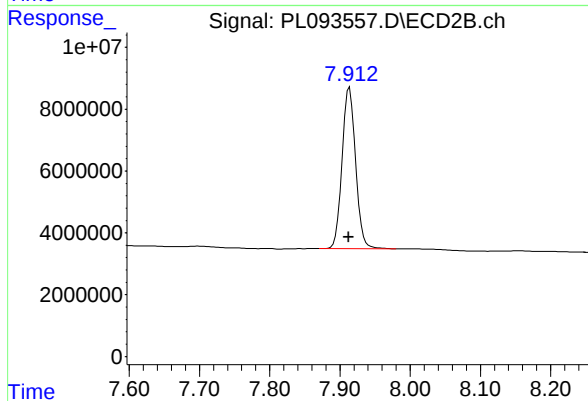
#21 Endrin ketone

R.T.: 6.840 min
Delta R.T.: -0.001 min
Response: 12205640
Conc: 3.35 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.059 min
Delta R.T.: 0.003 min
Response: 44813545
Conc: 24.24 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.914 min
Delta R.T.: 0.001 min
Response: 69708756
Conc: 23.35 ng/ml