

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL123124\
 Data File : PL093572.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 31 Dec 2024 08:27
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 01/02/2025
 Supervised By : Ankita Jodhani 01/02/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jan 01 00:26:47 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	2.776	60843584	70918792	24.576	24.361
28) SA Decachlor...	9.058	7.914	43372435	67941455	23.457	22.754
Target Compounds						
2) A alpha-BHC	3.996	3.279	44387186	50191568	12.857	11.547
3) MA gamma-BHC...	4.328	3.609	41378308	46955282	12.618	11.129
6) B beta-BHC	4.527	3.909	18641545	23133234	12.931	12.870
12) B 4,4'-DDE	6.191	5.232	480424	523337	0.214m	0.142m#
14) MA Endrin	6.575	5.640	101.4E6	175.4E6	47.093m	53.031
16) A 4,4'-DDD	6.710	5.788	10150546	14078594	5.781m	4.975
17) MA 4,4'-DDT	7.027	6.038	188.9E6	357.4E6	102.192	118.346
18) B Endrin al...	6.927	6.114	5802052	8790000	3.270	3.264
20) A Methoxychlor	7.502	6.613	232.4E6	415.1E6	232.481	257.859
21) B Endrin ke...	7.645	6.841	10844507	18810892	4.833	5.167

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

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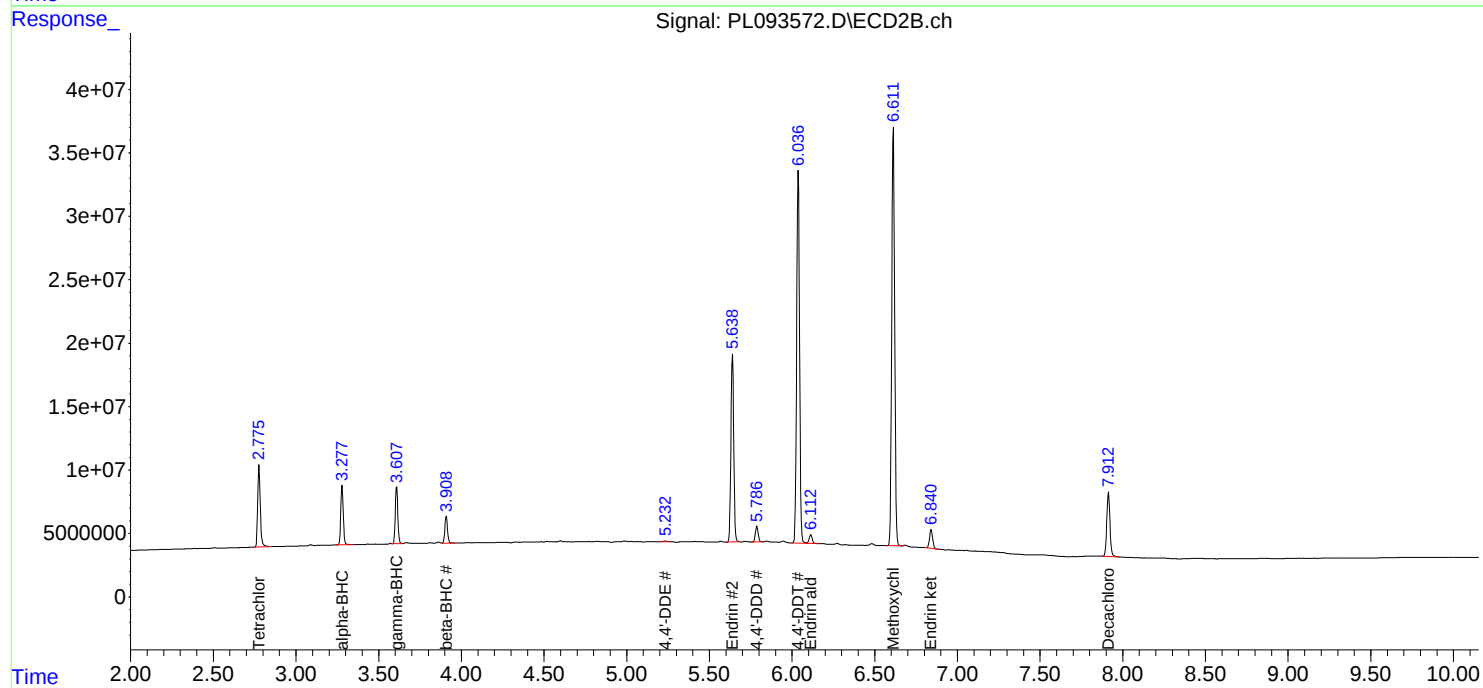
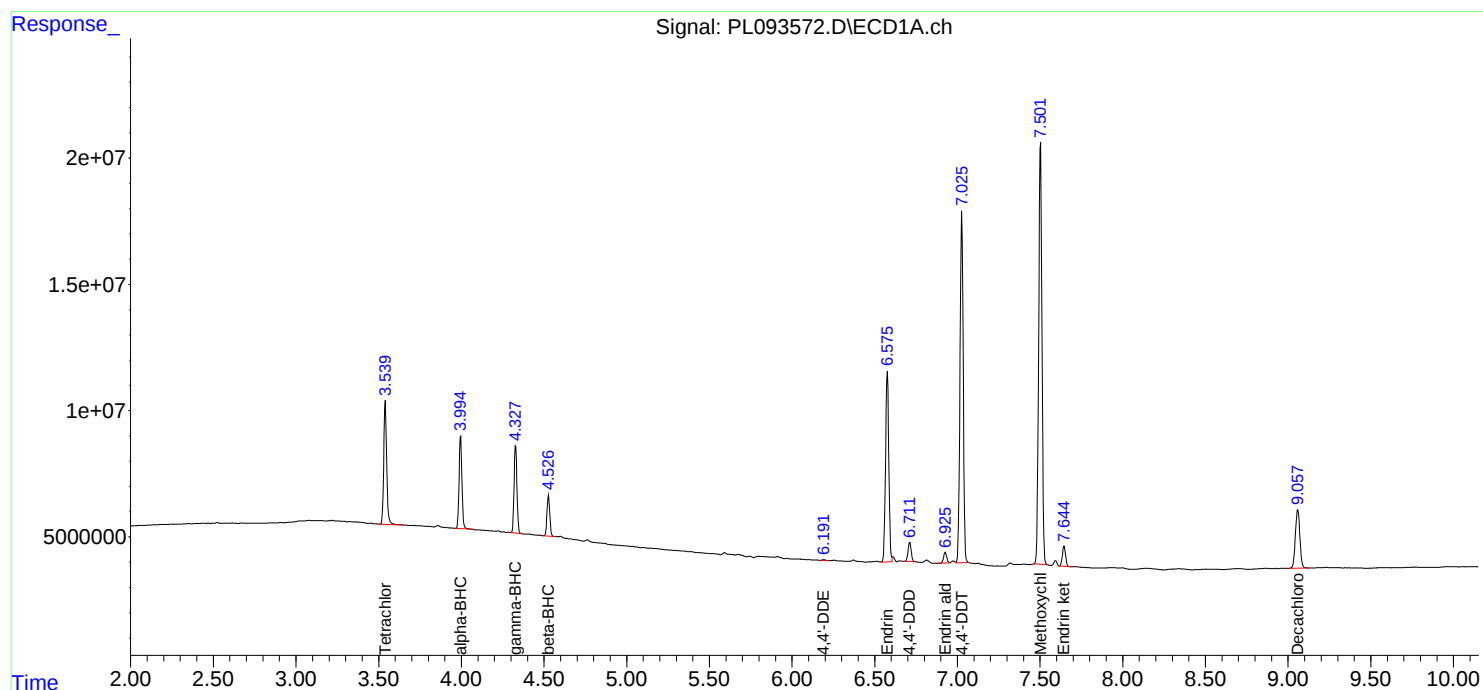
Instrument :
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ClientSampleId :
PEM

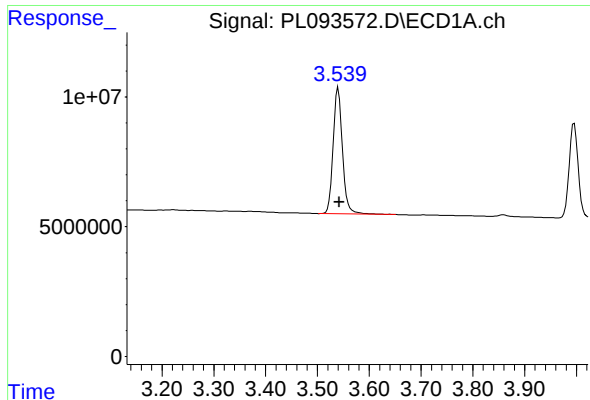
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Integration File signal 1: autoint1.e
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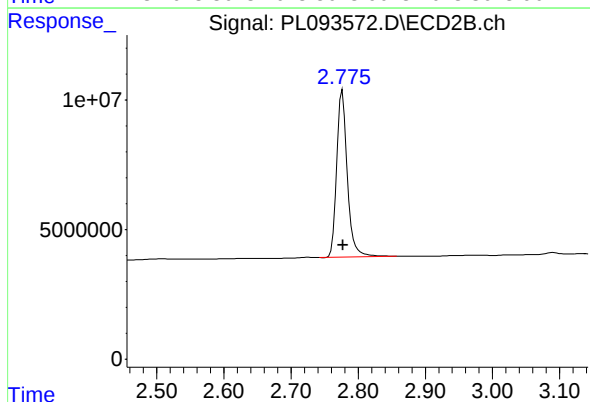
#1 Tetrachloro-m-xylene

R.T.: 3.540 min
Delta R.T.: -0.002 min
Response: 60843584
Conc: 24.58 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

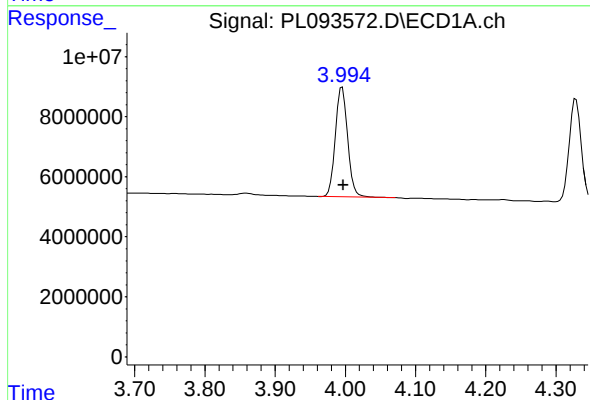
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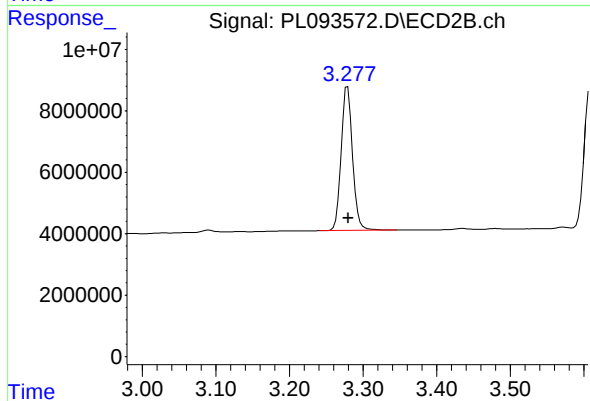
#1 Tetrachloro-m-xylene

R.T.: 2.776 min
Delta R.T.: -0.001 min
Response: 70918792
Conc: 24.36 ng/ml



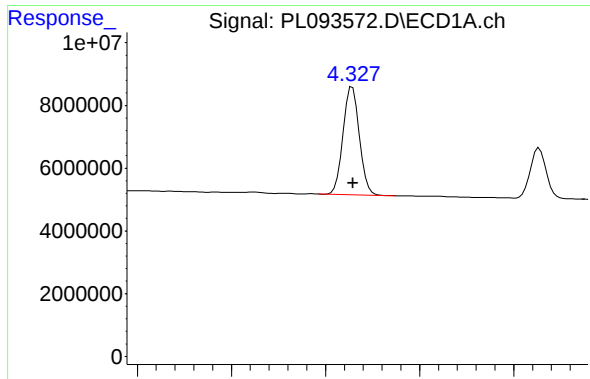
#2 alpha-BHC

R.T.: 3.996 min
Delta R.T.: -0.002 min
Response: 44387186
Conc: 12.86 ng/ml



#2 alpha-BHC

R.T.: 3.279 min
Delta R.T.: -0.001 min
Response: 50191568
Conc: 11.55 ng/ml



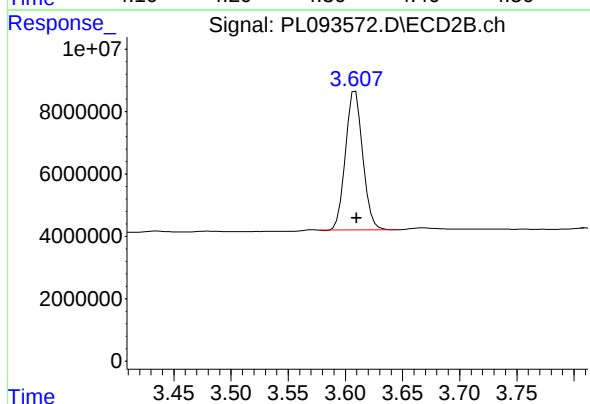
#3 gamma-BHC (Lindane)

R.T.: 4.328 min
Delta R.T.: 0.000 min
Response: 41378308
Conc: 12.62 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

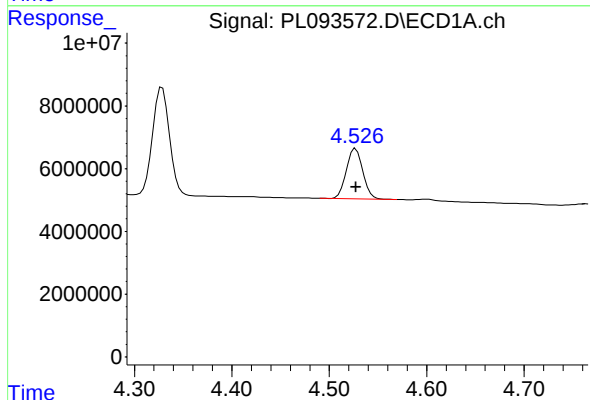
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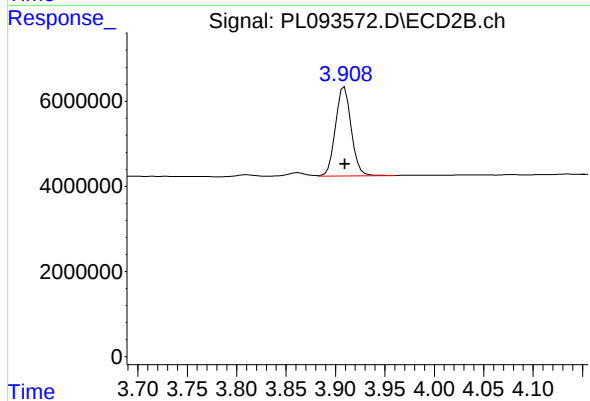
#3 gamma-BHC (Lindane)

R.T.: 3.609 min
Delta R.T.: -0.001 min
Response: 46955282
Conc: 11.13 ng/ml



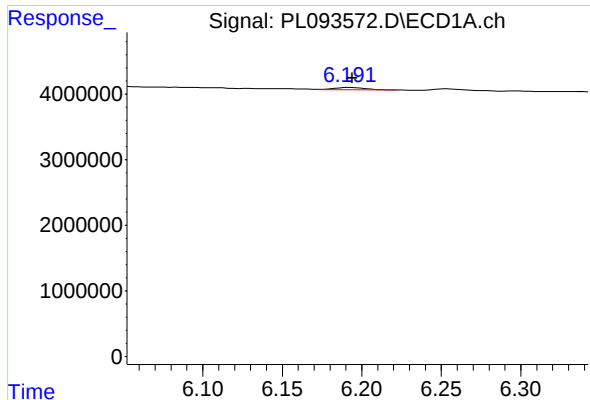
#6 beta-BHC

R.T.: 4.527 min
Delta R.T.: 0.000 min
Response: 18641545
Conc: 12.93 ng/ml



#6 beta-BHC

R.T.: 3.909 min
Delta R.T.: 0.000 min
Response: 23133234
Conc: 12.87 ng/ml



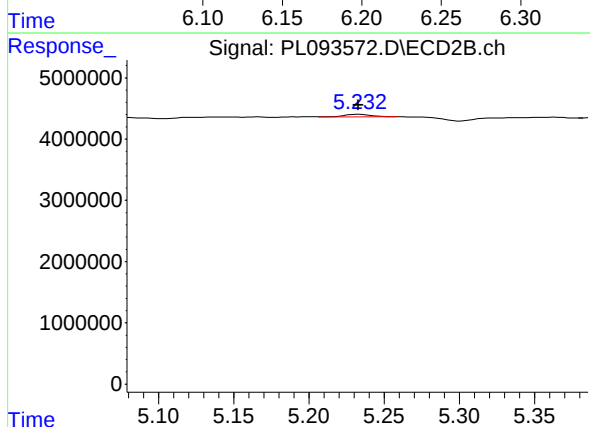
#12 4,4'-DDE

R.T.: 6.191 min
Delta R.T.: -0.003 min
Response: 480424
Conc: 0.21 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

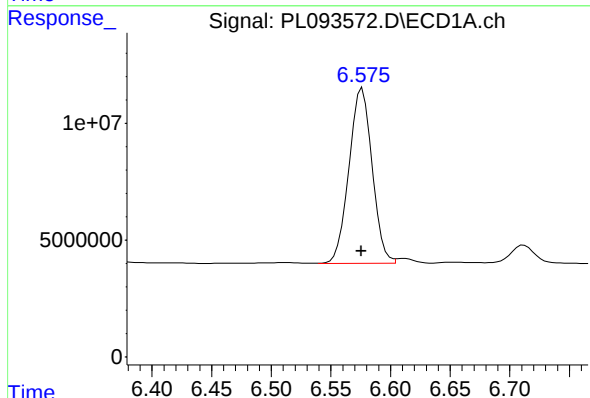
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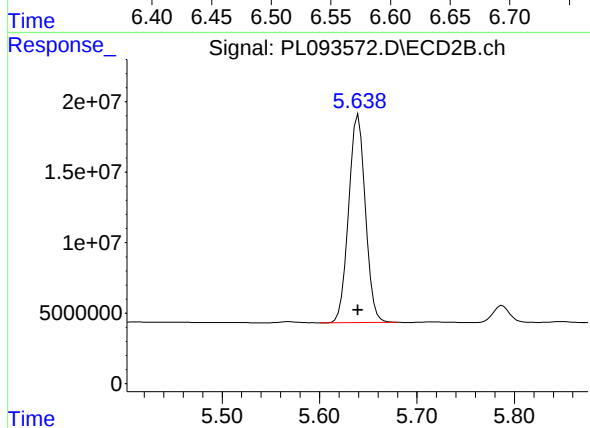
#12 4,4'-DDE

R.T.: 5.232 min
Delta R.T.: 0.000 min
Response: 523337
Conc: 0.14 ng/ml



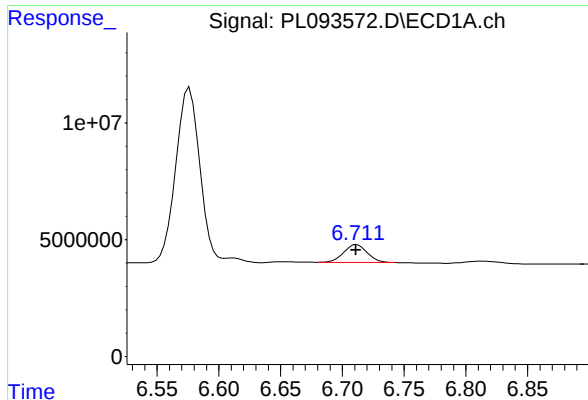
#14 Endrin

R.T.: 6.575 min
Delta R.T.: 0.000 min
Response: 101364735
Conc: 47.09 ng/ml



#14 Endrin

R.T.: 5.640 min
Delta R.T.: 0.000 min
Response: 175444294
Conc: 53.03 ng/ml



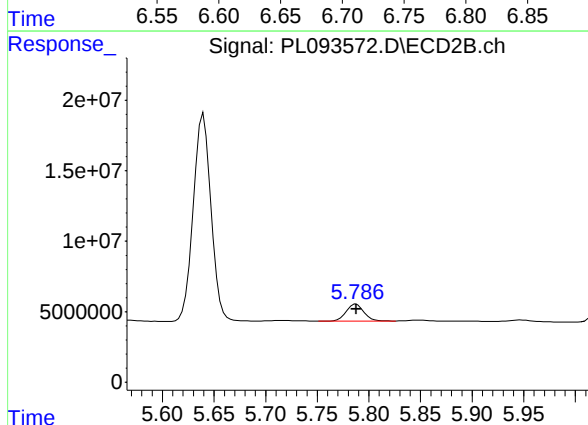
#16 4,4'-DDD

R.T.: 6.710 min
Delta R.T.: 0.000 min
Response: 10150546
Conc: 5.78 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

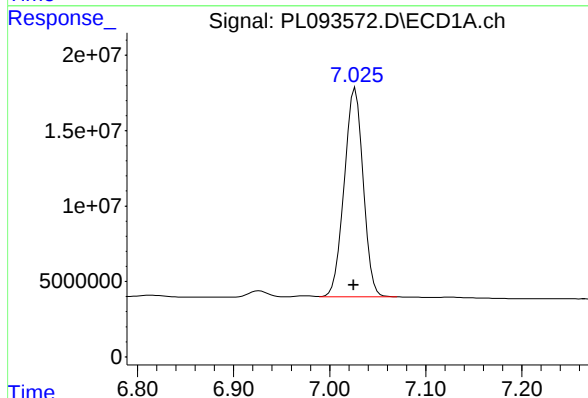
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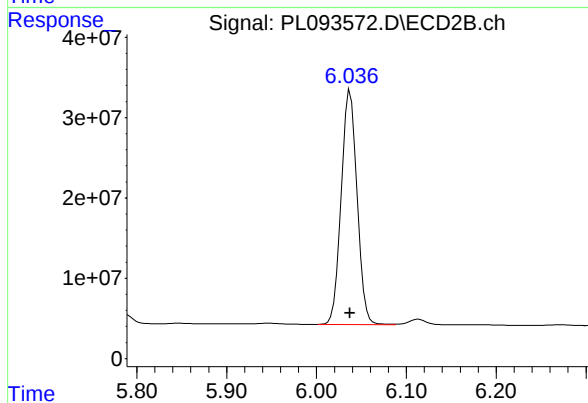
#16 4,4'-DDD

R.T.: 5.788 min
Delta R.T.: 0.000 min
Response: 14078594
Conc: 4.97 ng/ml



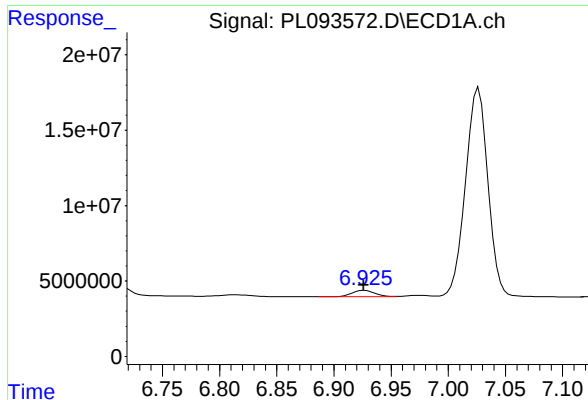
#17 4,4'-DDT

R.T.: 7.027 min
Delta R.T.: 0.002 min
Response: 188904986
Conc: 102.19 ng/ml



#17 4,4'-DDT

R.T.: 6.038 min
Delta R.T.: 0.000 min
Response: 357439601
Conc: 118.35 ng/ml



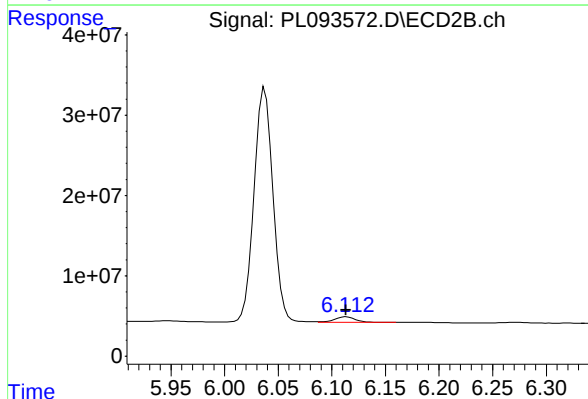
#18 Endrin aldehyde

R.T.: 6.927 min
Delta R.T.: 0.000 min
Response: 5802052
Conc: 3.27 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

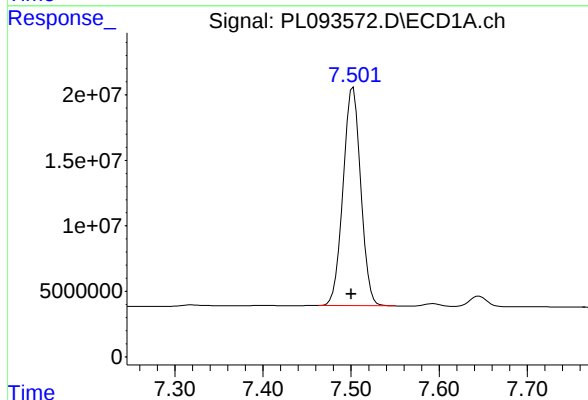
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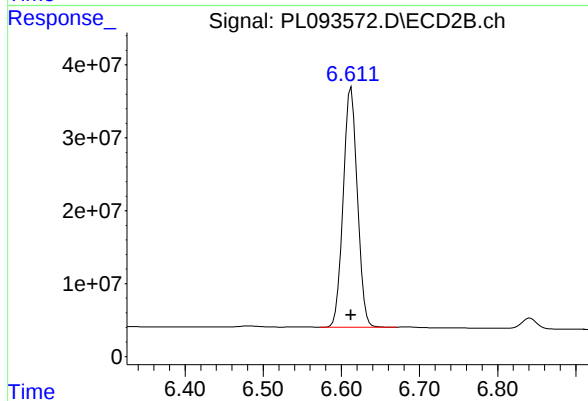
#18 Endrin aldehyde

R.T.: 6.114 min
Delta R.T.: 0.000 min
Response: 8790000
Conc: 3.26 ng/ml



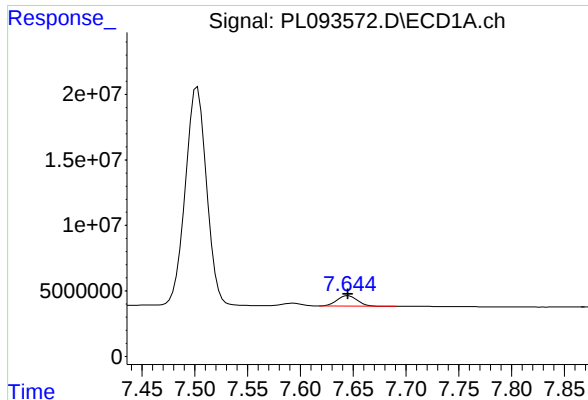
#20 Methoxychlor

R.T.: 7.502 min
Delta R.T.: 0.002 min
Response: 232405673
Conc: 232.48 ng/ml



#20 Methoxychlor

R.T.: 6.613 min
Delta R.T.: 0.000 min
Response: 415059575
Conc: 257.86 ng/ml



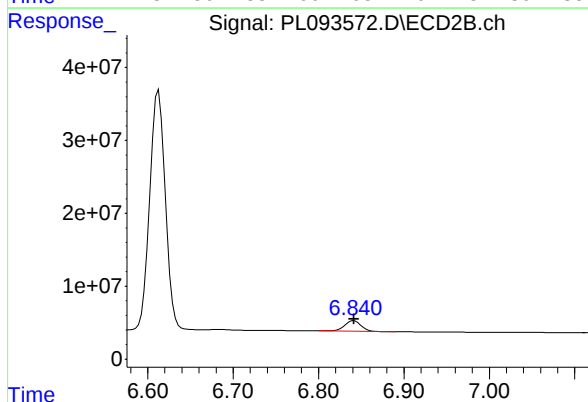
#21 Endrin ketone

R.T.: 7.645 min
Delta R.T.: 0.000 min
Response: 10844507
Conc: 4.83 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

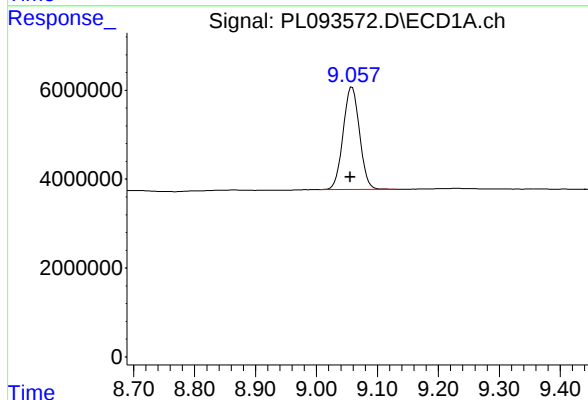
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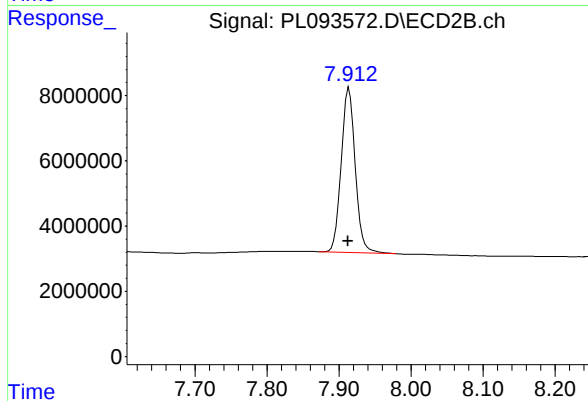
#21 Endrin ketone

R.T.: 6.841 min
Delta R.T.: 0.000 min
Response: 18810892
Conc: 5.17 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.058 min
Delta R.T.: 0.003 min
Response: 43372435
Conc: 23.46 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.914 min
Delta R.T.: 0.001 min
Response: 67941455
Conc: 22.75 ng/ml