

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL021025\
 Data File : PL094109.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 10 Feb 2025 10:41
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 02/11/2025
 Supervised By :Ankita Jodhani 02/12/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 10 21:07:55 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL012125.M
 Quant Title : GC Extractables
 QLast Update : Tue Jan 21 14:58:05 2025
 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...	3.539	2.774	63806146	75861662	23.695	23.241
28) SA Decachlor...	9.053	7.908	47102142	78679235	22.516	22.454
Target Compounds						
2) A alpha-BHC	3.994	3.276	47773215	54595814	12.461	11.167
3) MA gamma-BHC...	4.327	3.606	44876996	51702457	12.185	10.905
6) B beta-BHC	4.526	3.906	20484770	25149996	12.745	12.591
12) B 4,4'-DDE	6.189	5.227	480095	534423	0.197m	0.133m#
14) MA Endrin	6.572	5.636	120.0E6	210.3E6	51.163m	56.950
16) A 4,4'-DDD	6.708	5.784	3206137	4043865	1.687m	1.281
17) MA 4,4'-DDT	7.023	6.034	221.7E6	428.3E6	112.444	131.610
18) B Endrin al...	6.922	6.109	3441391	6691323	1.770m	2.198
20) A Methoxychlor	7.499	6.608	271.0E6	486.3E6	259.730	271.945
21) B Endrin ke...	7.642	6.836	6780190	11650337	2.688	2.777

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

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Data File : PL094109.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Feb 2025 10:41
Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

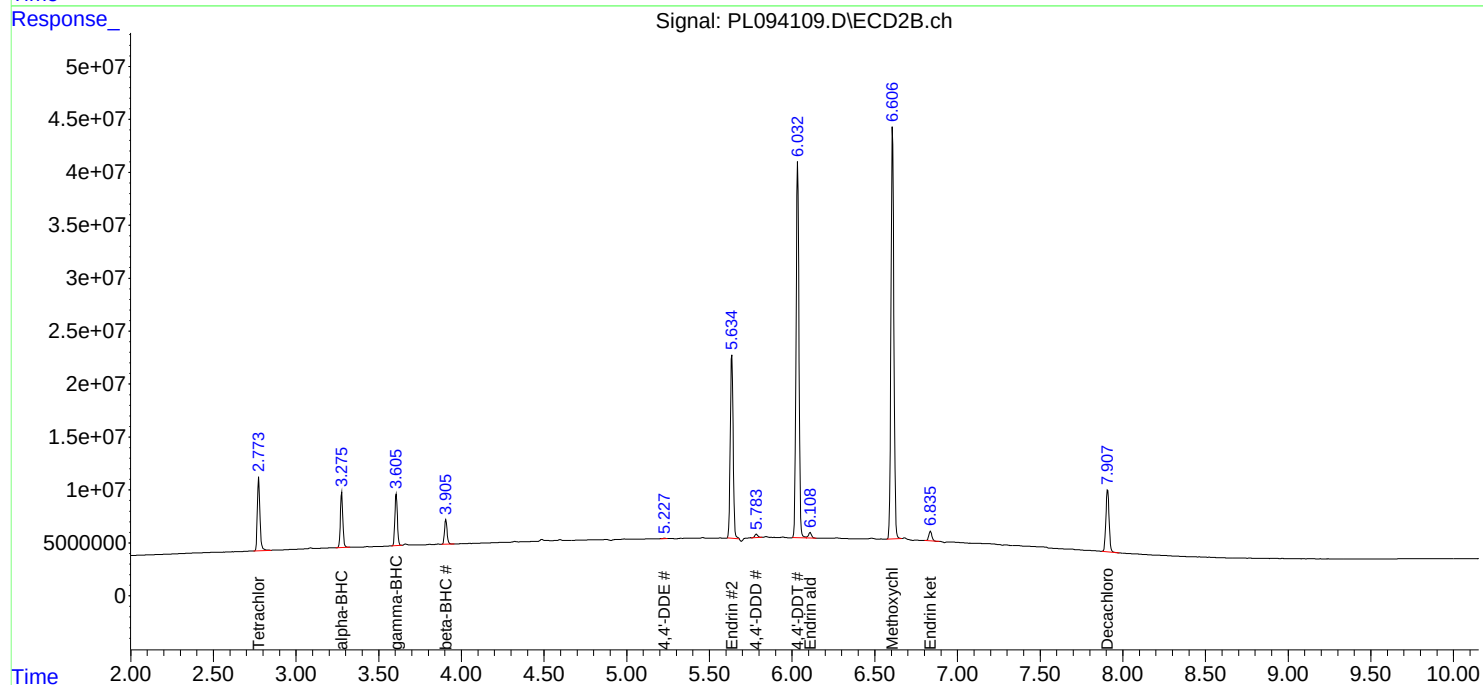
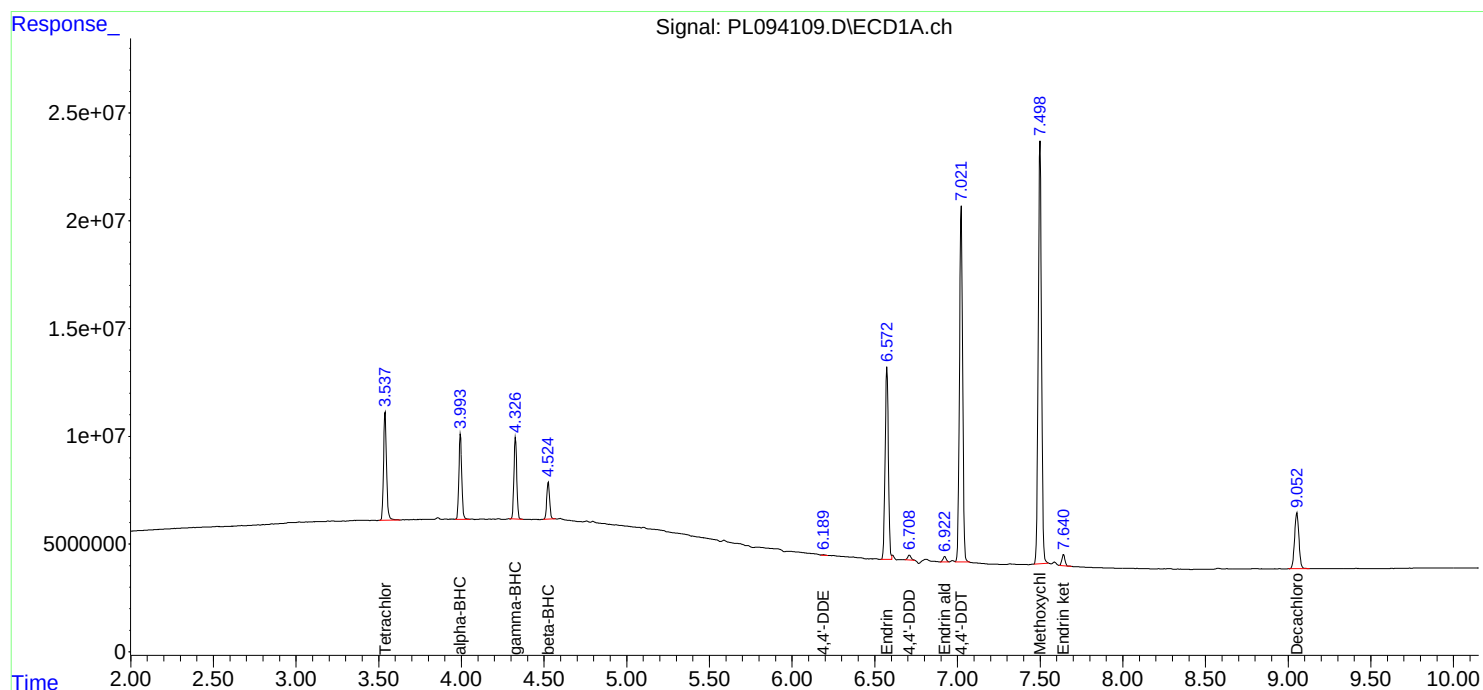
Instrument :
ECD_L
ClientSampleId :
PEM

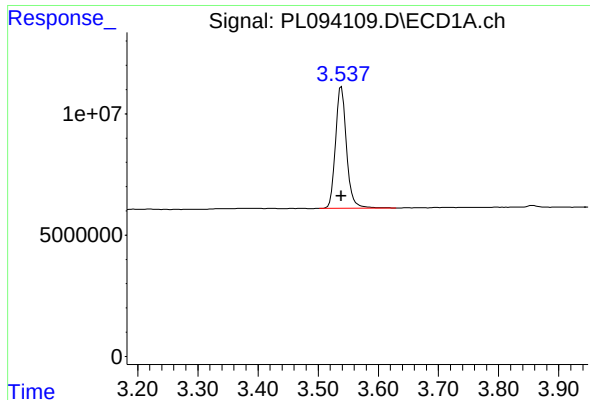
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Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 10 21:07:55 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL012125.M
Quant Title : GC Extractables
QLast Update : Tue Jan 21 14:58:05 2025
Response 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





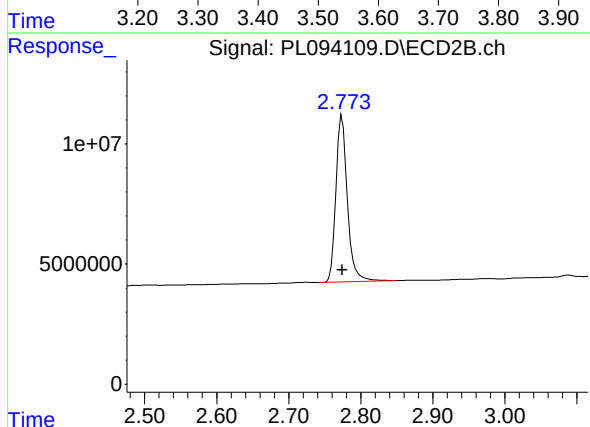
#1 Tetrachloro-m-xylene

R.T.: 3.539 min
Delta R.T.: 0.000 min
Response: 63806146
Conc: 23.70 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

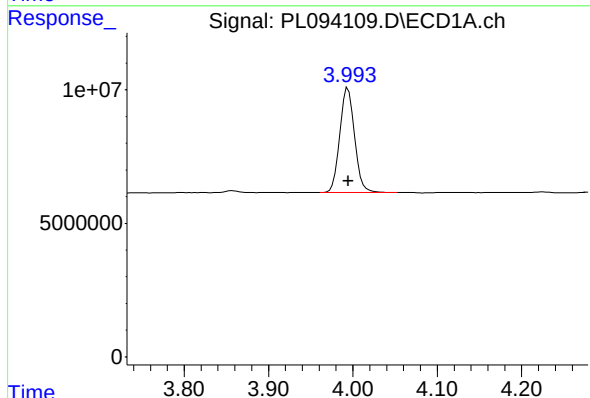
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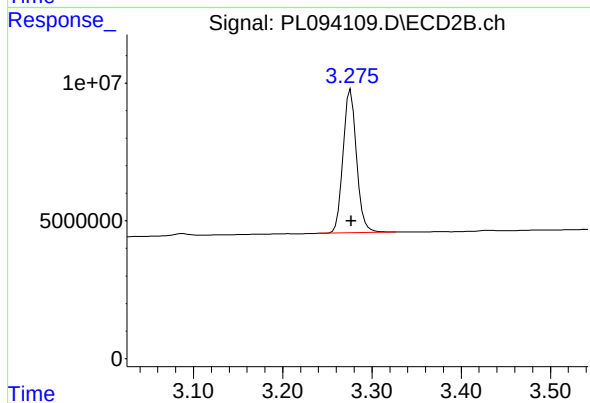
#1 Tetrachloro-m-xylene

R.T.: 2.774 min
Delta R.T.: 0.000 min
Response: 75861662
Conc: 23.24 ng/ml



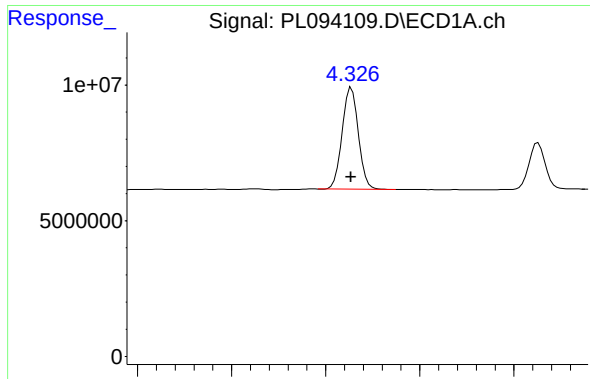
#2 alpha-BHC

R.T.: 3.994 min
Delta R.T.: 0.000 min
Response: 47773215
Conc: 12.46 ng/ml



#2 alpha-BHC

R.T.: 3.276 min
Delta R.T.: 0.000 min
Response: 54595814
Conc: 11.17 ng/ml



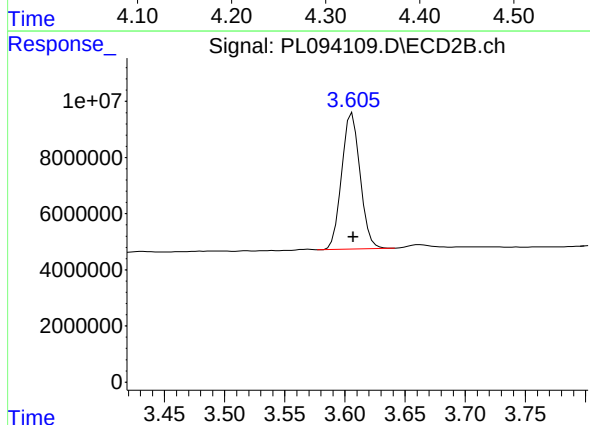
#3 gamma-BHC (Lindane)

R.T.: 4.327 min
Delta R.T.: 0.000 min
Response: 44876996
Conc: 12.19 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

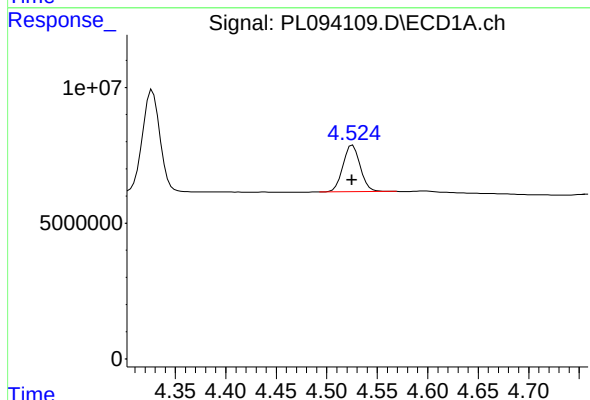
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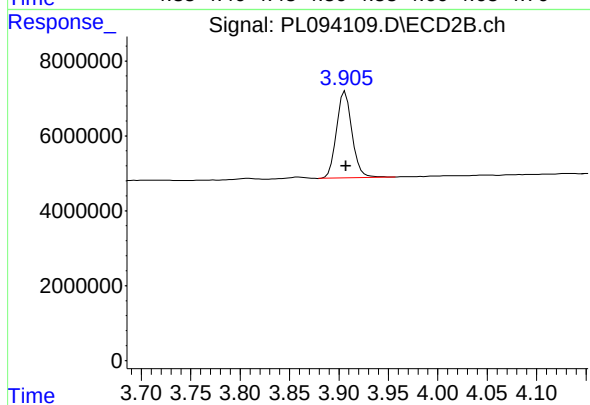
#3 gamma-BHC (Lindane)

R.T.: 3.606 min
Delta R.T.: 0.000 min
Response: 51702457
Conc: 10.90 ng/ml



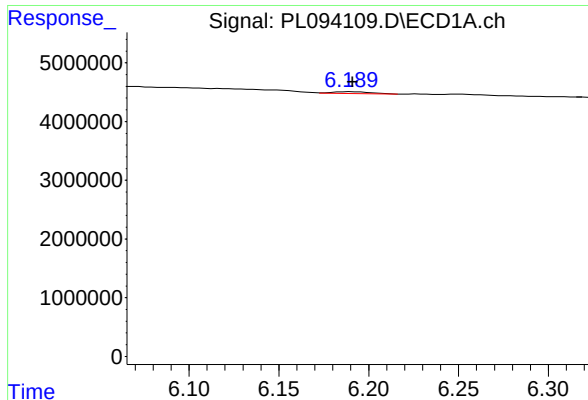
#6 beta-BHC

R.T.: 4.526 min
Delta R.T.: 0.000 min
Response: 20484770
Conc: 12.74 ng/ml



#6 beta-BHC

R.T.: 3.906 min
Delta R.T.: 0.000 min
Response: 25149996
Conc: 12.59 ng/ml



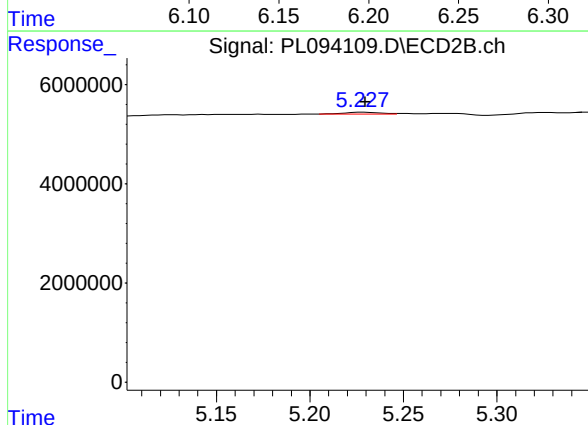
#12 4,4'-DDE

R.T.: 6.189 min
Delta R.T.: -0.002 min
Response: 480095
Conc: 0.20 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

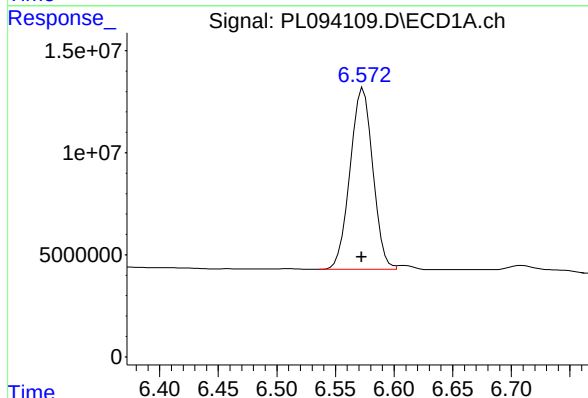
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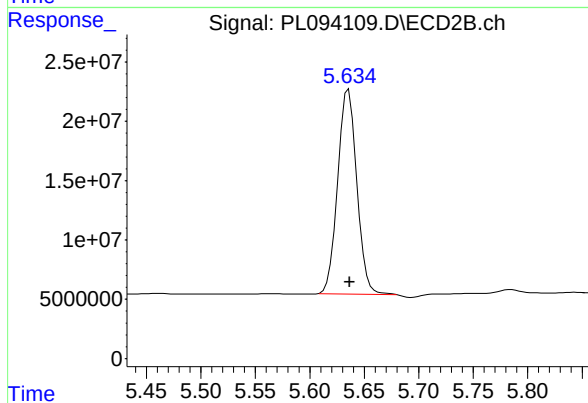
#12 4,4'-DDE

R.T.: 5.227 min
Delta R.T.: -0.003 min
Response: 534423
Conc: 0.13 ng/ml



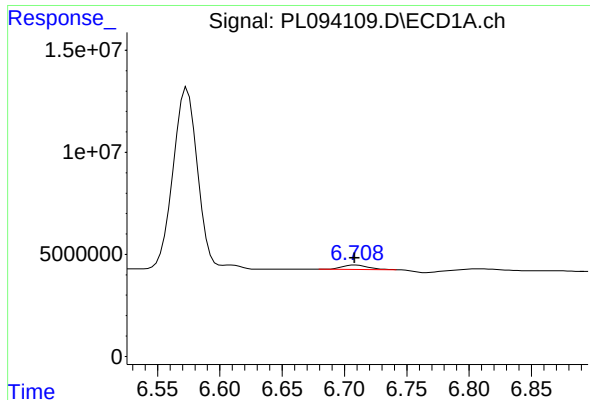
#14 Endrin

R.T.: 6.572 min
Delta R.T.: 0.000 min
Response: 119968441
Conc: 51.16 ng/ml



#14 Endrin

R.T.: 5.636 min
Delta R.T.: 0.000 min
Response: 210297230
Conc: 56.95 ng/ml



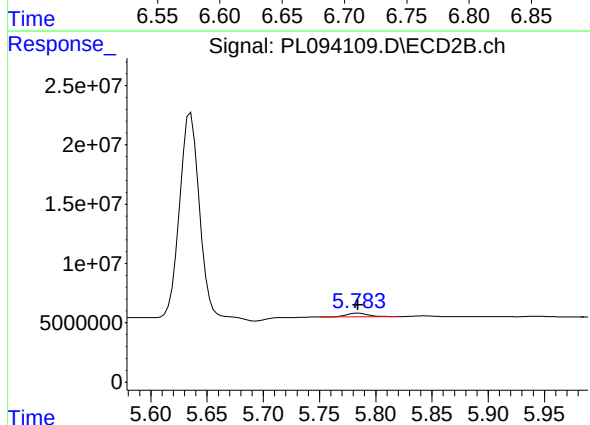
#16 4,4'-DDD

R.T.: 6.708 min
Delta R.T.: 0.000 min
Response: 3206137
Conc: 1.69 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

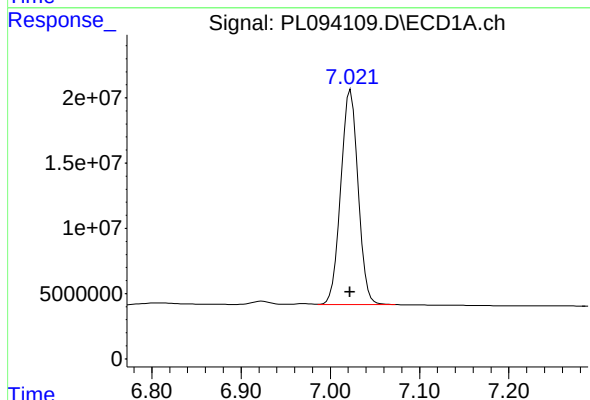
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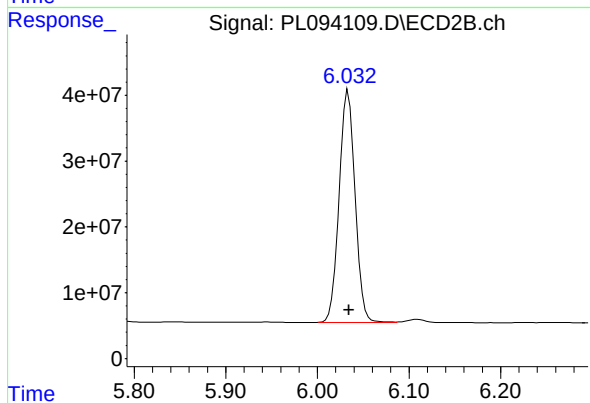
#16 4,4'-DDD

R.T.: 5.784 min
Delta R.T.: 0.000 min
Response: 4043865
Conc: 1.28 ng/ml



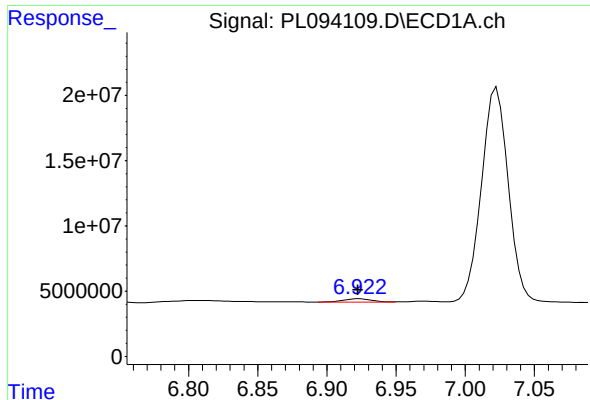
#17 4,4'-DDT

R.T.: 7.023 min
Delta R.T.: 0.000 min
Response: 221746027
Conc: 112.44 ng/ml



#17 4,4'-DDT

R.T.: 6.034 min
Delta R.T.: 0.000 min
Response: 428265174
Conc: 131.61 ng/ml



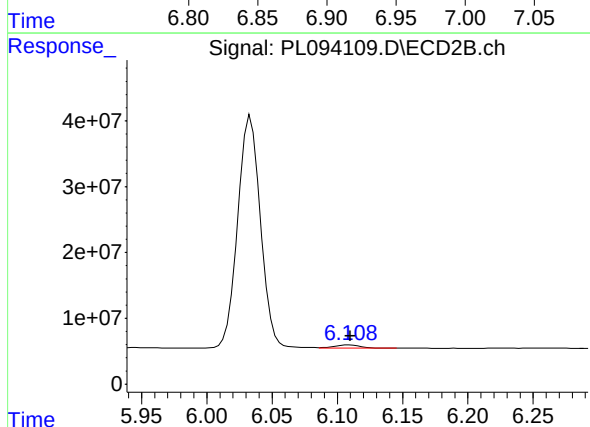
#18 Endrin aldehyde

R.T.: 6.922 min
Delta R.T.: 0.000 min
Response: 3441391
Conc: 1.77 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

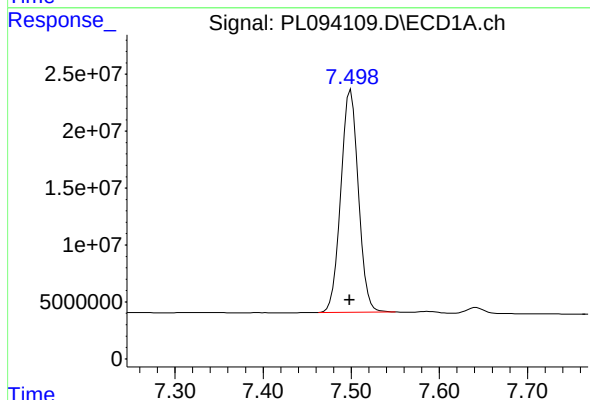
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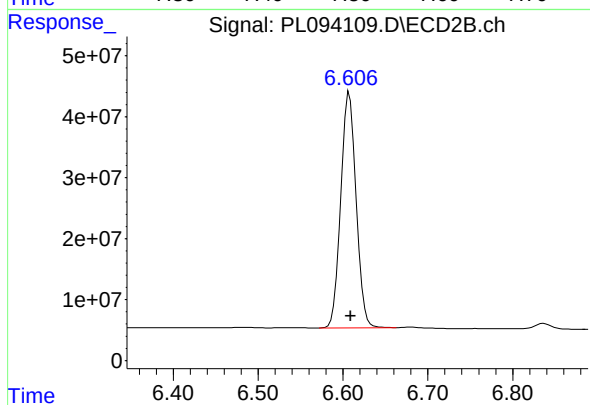
#18 Endrin aldehyde

R.T.: 6.109 min
Delta R.T.: 0.000 min
Response: 6691323
Conc: 2.20 ng/ml



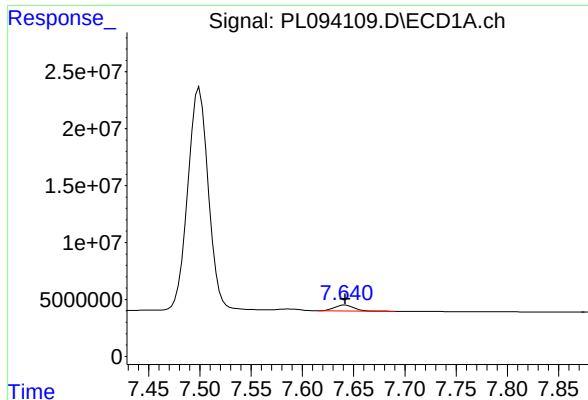
#20 Methoxychlor

R.T.: 7.499 min
Delta R.T.: 0.002 min
Response: 271001675
Conc: 259.73 ng/ml



#20 Methoxychlor

R.T.: 6.608 min
Delta R.T.: -0.002 min
Response: 486275032
Conc: 271.95 ng/ml



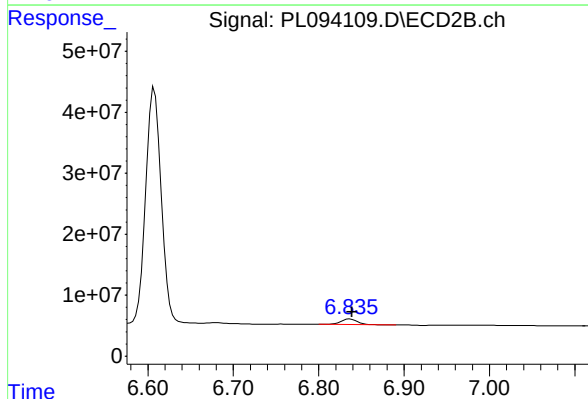
#21 Endrin ketone

R.T.: 7.642 min
Delta R.T.: 0.000 min
Response: 6780190
Conc: 2.69 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

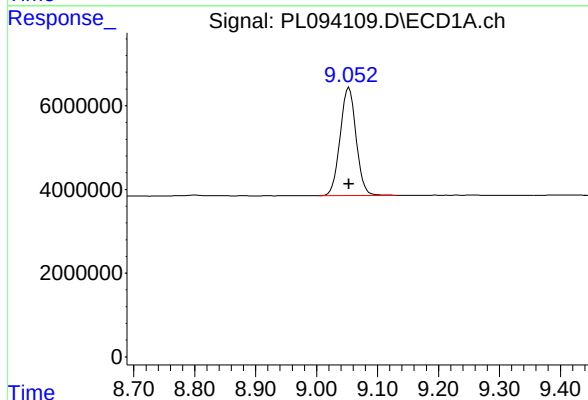
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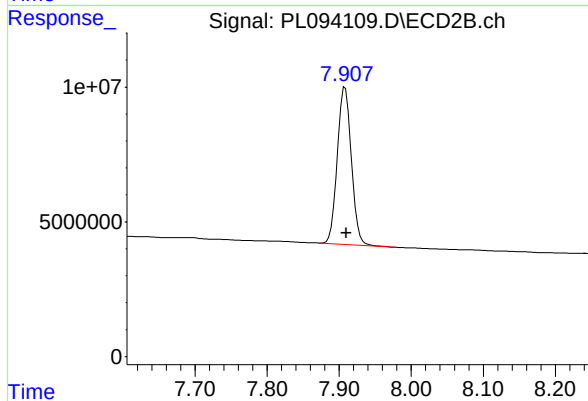
#21 Endrin ketone

R.T.: 6.836 min
Delta R.T.: -0.003 min
Response: 11650337
Conc: 2.78 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.053 min
Delta R.T.: 0.000 min
Response: 47102142
Conc: 22.52 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.908 min
Delta R.T.: -0.002 min
Response: 78679235
Conc: 22.45 ng/ml