

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL022725\
 Data File : PL094433.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 27 Feb 2025 19:33
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 03/02/2025
 Supervised By :Ankita Jodhani 03/04/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 27 22:17:06 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL022125.M
 Quant Title : GC Extractables
 QLast Update : Fri Feb 21 14:52:19 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...	3.537	2.771	62145545	76251146	24.475	23.894
28) SA Decachlor...	9.053	7.907	46460078	80858778	21.840	21.026
Target Compounds						
2) A alpha-BHC	3.993	3.273	47370979	55617402	12.523	11.316
3) MA gamma-BHC...	4.325	3.603	44742119	50844858	12.110	10.795
6) B beta-BHC	4.525	3.904	19735266	24782848	12.358	12.460
14) MA Endrin	6.572	5.633	120.2E6	201.2E6	47.108m	59.095 #
16) A 4,4'-DDD	6.707	5.781	6705509	9311632	3.625m	2.923
17) MA 4,4'-DDT	7.023	6.031	220.8E6	412.9E6	105.154	116.077
18) B Endrin al...	6.922	6.108	4617346	8402215	2.372	2.659
20) A Methoxychlor	7.500	6.606	273.5E6	509.1E6	246.149	260.965
21) B Endrin ke...	7.642	6.835	8910311	13314572	3.554	3.120

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

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Data File : PL094433.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 27 Feb 2025 19:33
Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

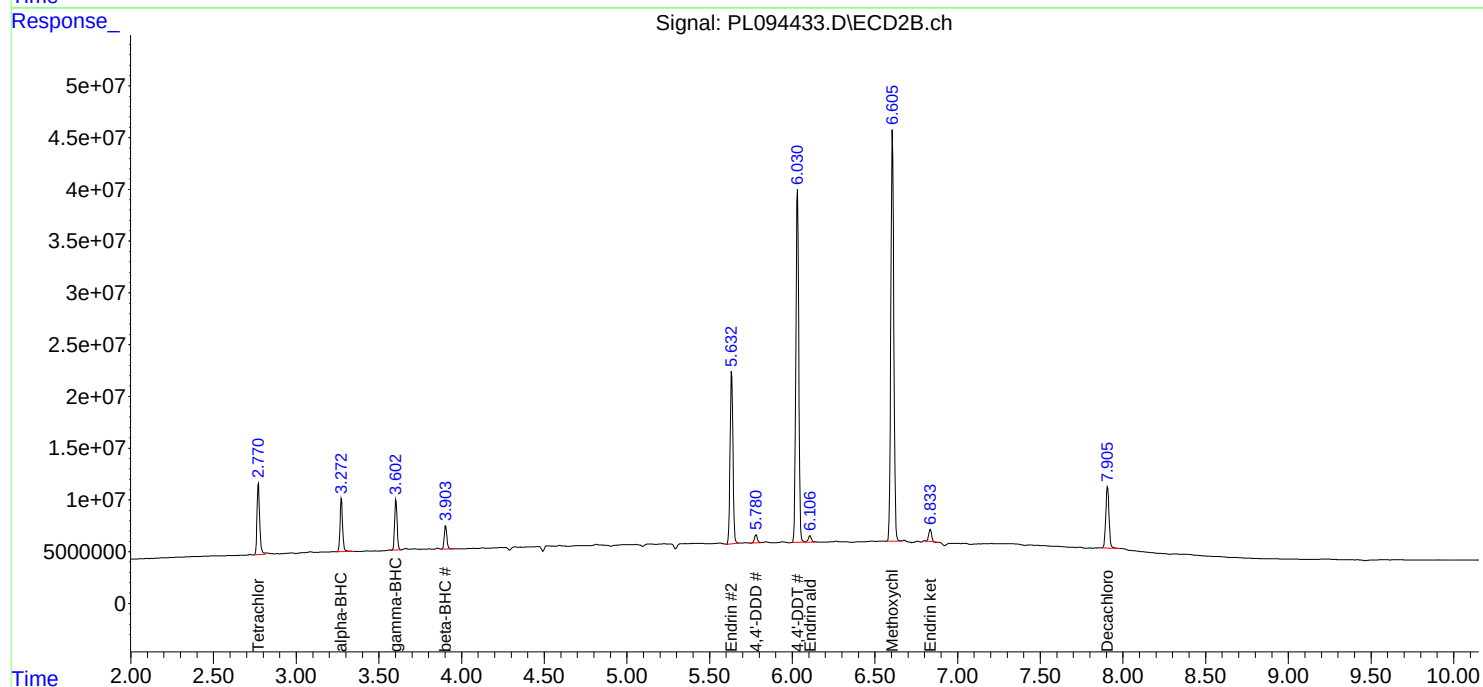
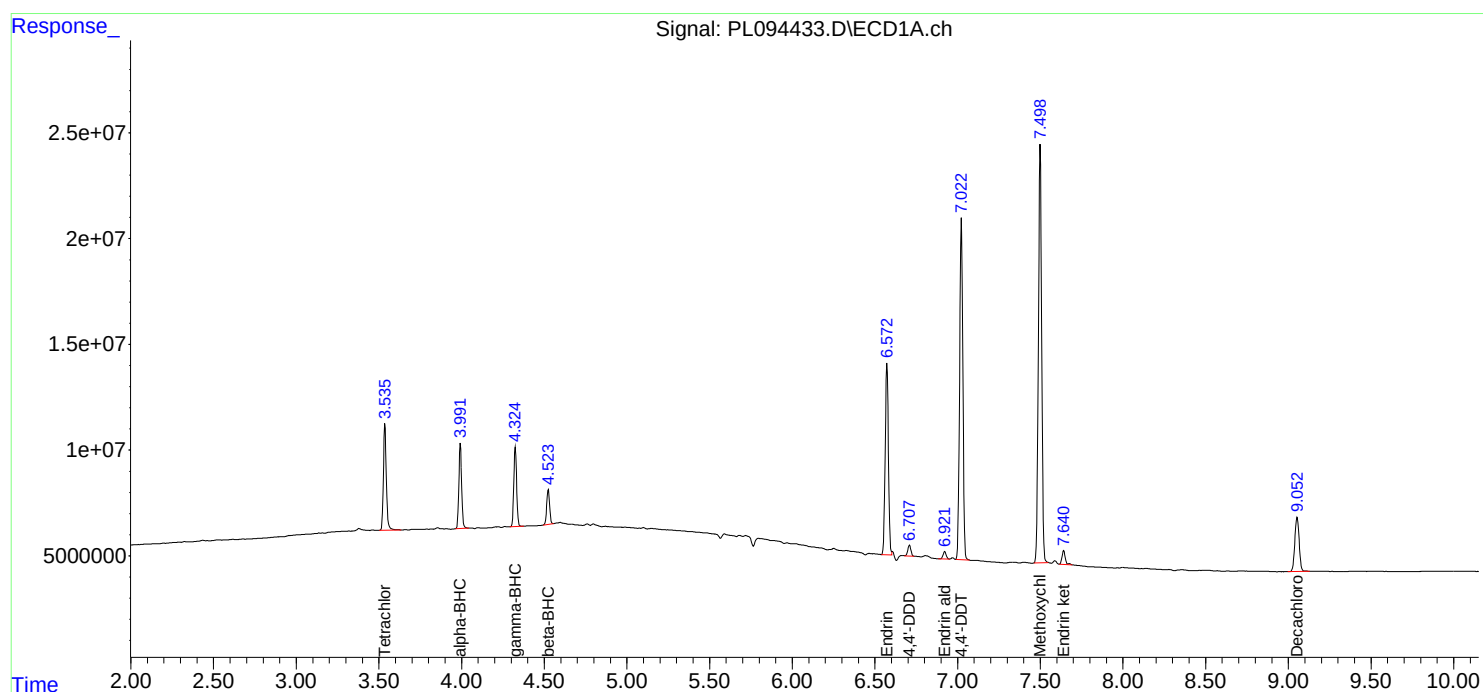
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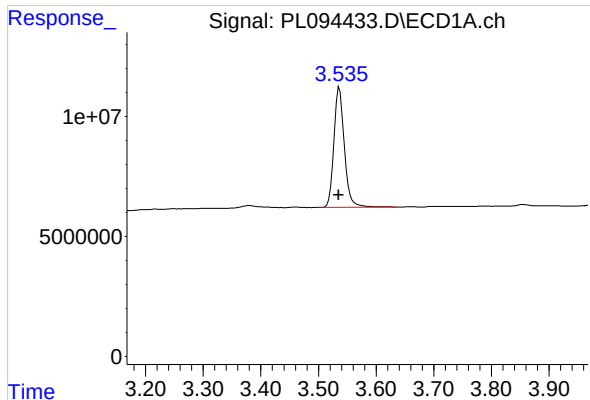
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Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 27 22:17:06 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL022125.M
Quant Title : GC Extractables
QLast Update : Fri Feb 21 14:52:19 2025
Response 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





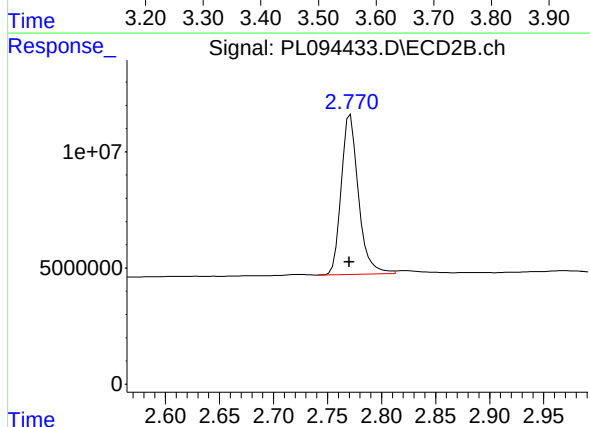
#1 Tetrachloro-m-xylene

R.T.: 3.537 min
Delta R.T.: 0.002 min
Response: 62145545
Conc: 24.48 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

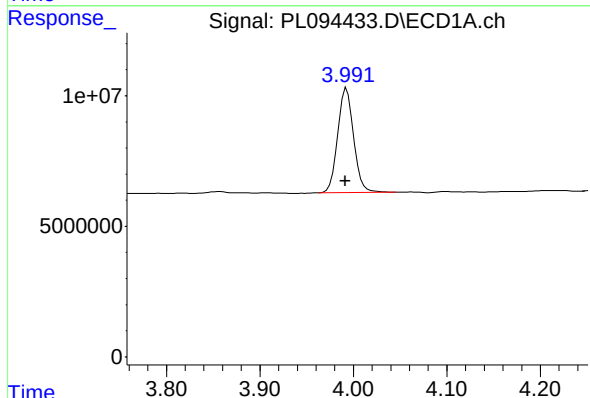
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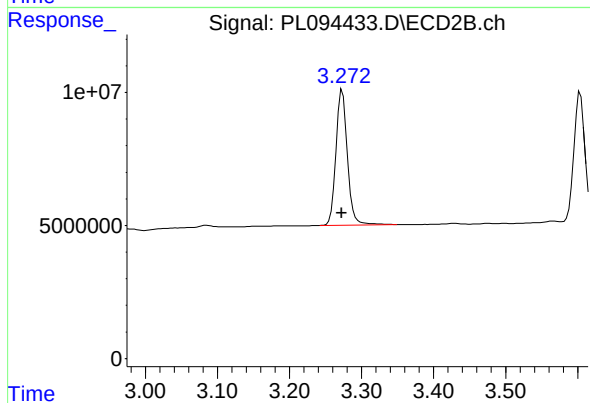
#1 Tetrachloro-m-xylene

R.T.: 2.771 min
Delta R.T.: 0.001 min
Response: 76251146
Conc: 23.89 ng/ml



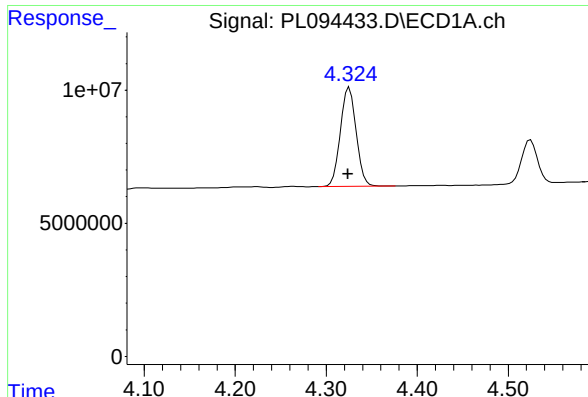
#2 alpha-BHC

R.T.: 3.993 min
Delta R.T.: 0.002 min
Response: 47370979
Conc: 12.52 ng/ml



#2 alpha-BHC

R.T.: 3.273 min
Delta R.T.: 0.001 min
Response: 55617402
Conc: 11.32 ng/ml



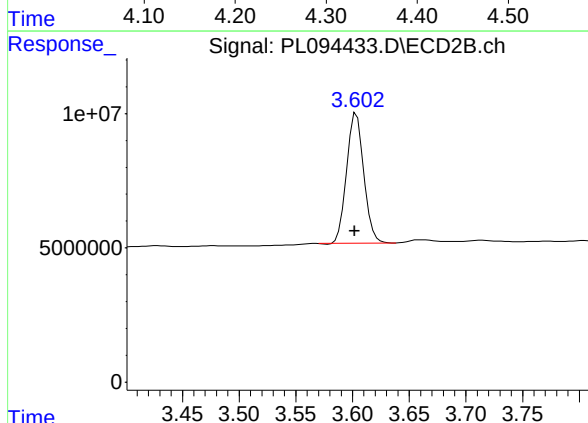
#3 gamma-BHC (Lindane)

R.T.: 4.325 min
Delta R.T.: 0.002 min
Response: 44742119
Conc: 12.11 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

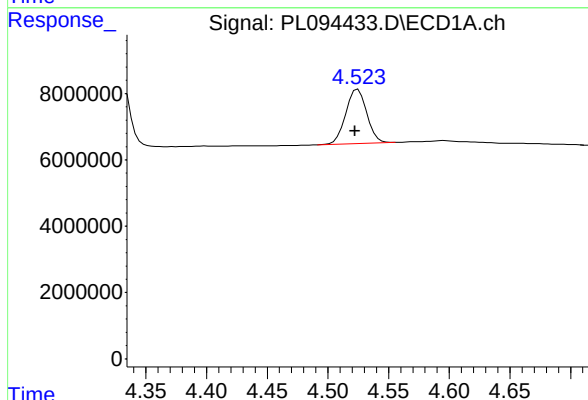
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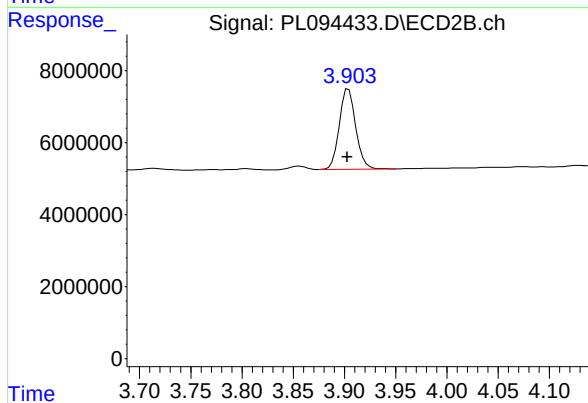
#3 gamma-BHC (Lindane)

R.T.: 3.603 min
Delta R.T.: 0.002 min
Response: 50844858
Conc: 10.80 ng/ml



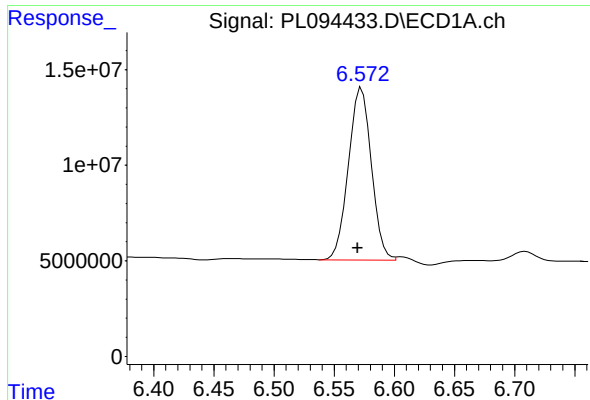
#6 beta-BHC

R.T.: 4.525 min
Delta R.T.: 0.002 min
Response: 19735266
Conc: 12.36 ng/ml



#6 beta-BHC

R.T.: 3.904 min
Delta R.T.: 0.001 min
Response: 24782848
Conc: 12.46 ng/ml



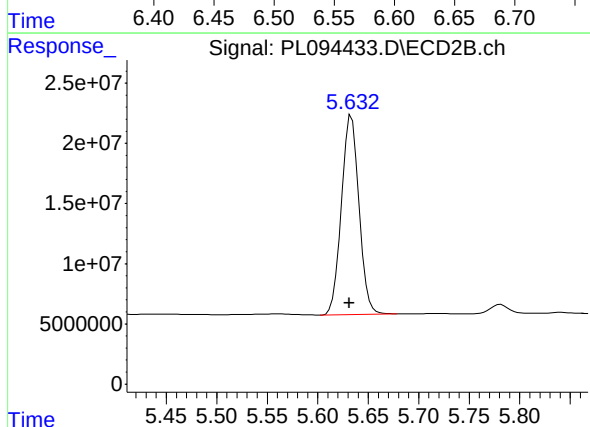
#14 Endrin

R.T.: 6.572 min
Delta R.T.: 0.002 min
Response: 120233540
Conc: 47.11 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

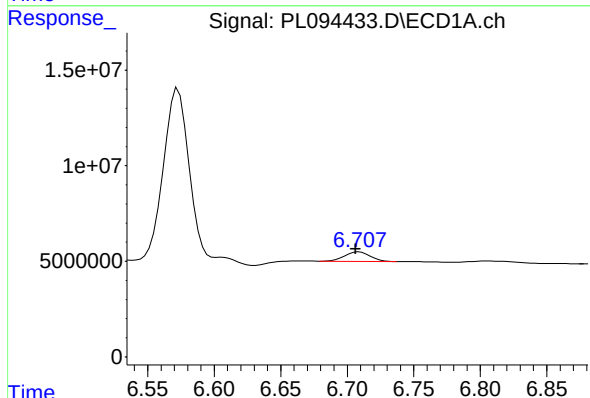
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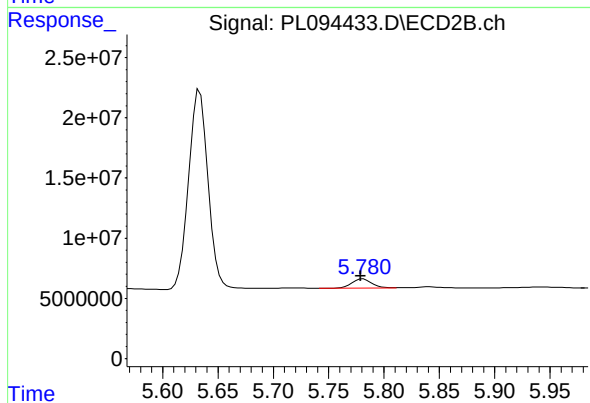
#14 Endrin

R.T.: 5.633 min
Delta R.T.: 0.002 min
Response: 201200347
Conc: 59.09 ng/ml



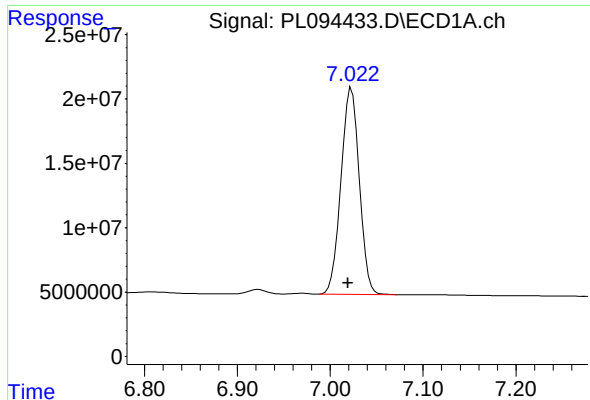
#16 4,4'-DDD

R.T.: 6.707 min
Delta R.T.: 0.001 min
Response: 6705509
Conc: 3.63 ng/ml m



#16 4,4'-DDD

R.T.: 5.781 min
Delta R.T.: 0.002 min
Response: 9311632
Conc: 2.92 ng/ml



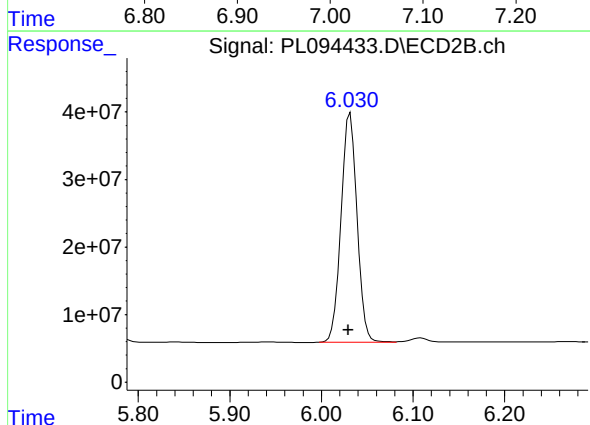
#17 4,4'-DDT

R.T.: 7.023 min
Delta R.T.: 0.004 min
Response: 220826129
Conc: 105.15 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

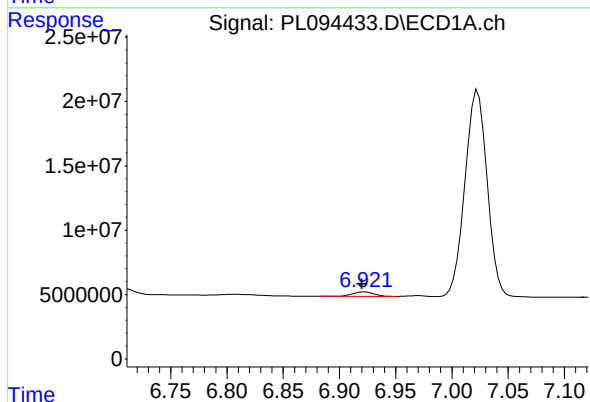
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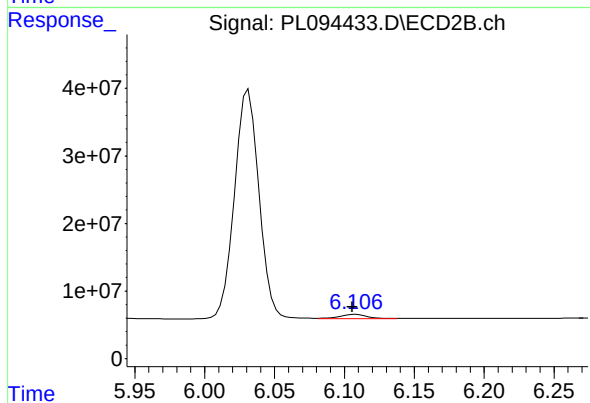
#17 4,4'-DDT

R.T.: 6.031 min
Delta R.T.: 0.002 min
Response: 412885683
Conc: 116.08 ng/ml



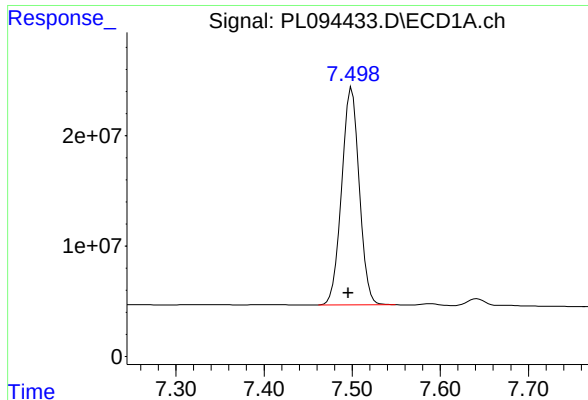
#18 Endrin aldehyde

R.T.: 6.922 min
Delta R.T.: 0.002 min
Response: 4617346
Conc: 2.37 ng/ml



#18 Endrin aldehyde

R.T.: 6.108 min
Delta R.T.: 0.002 min
Response: 8402215
Conc: 2.66 ng/ml



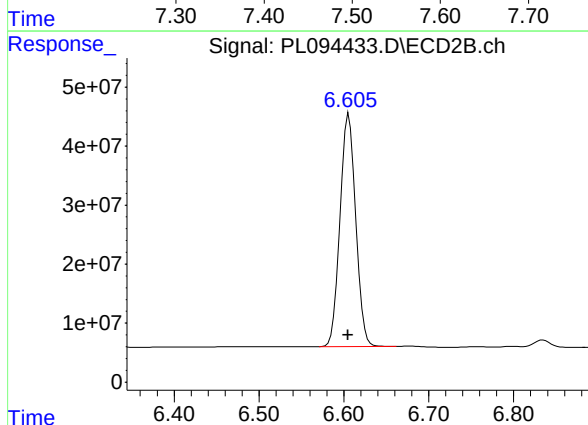
#20 Methoxychlor

R.T.: 7.500 min
Delta R.T.: 0.004 min
Response: 273482219
Conc: 246.15 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

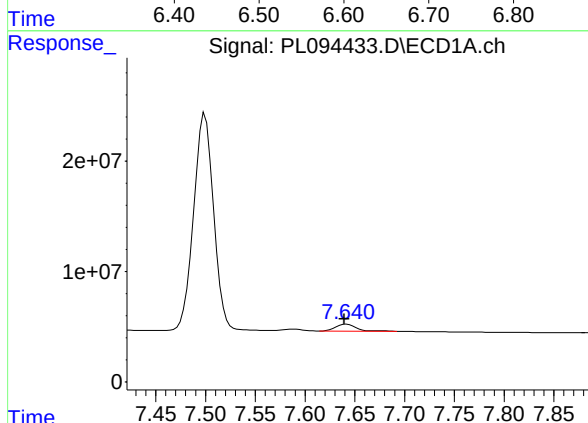
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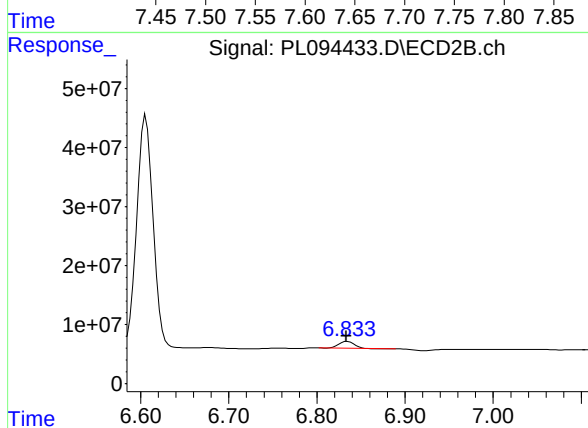
#20 Methoxychlor

R.T.: 6.606 min
Delta R.T.: 0.001 min
Response: 509149255
Conc: 260.96 ng/ml



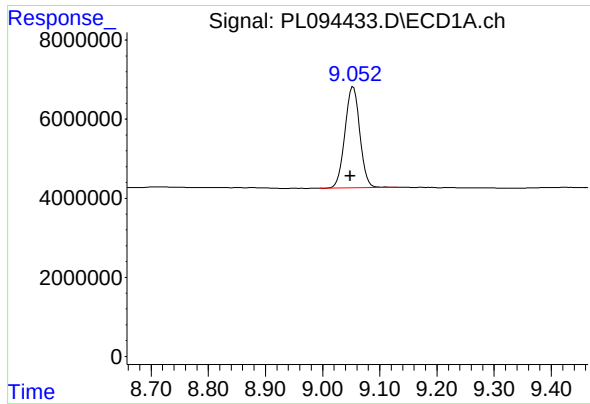
#21 Endrin ketone

R.T.: 7.642 min
Delta R.T.: 0.002 min
Response: 8910311
Conc: 3.55 ng/ml



#21 Endrin ketone

R.T.: 6.835 min
Delta R.T.: 0.002 min
Response: 13314572
Conc: 3.12 ng/ml



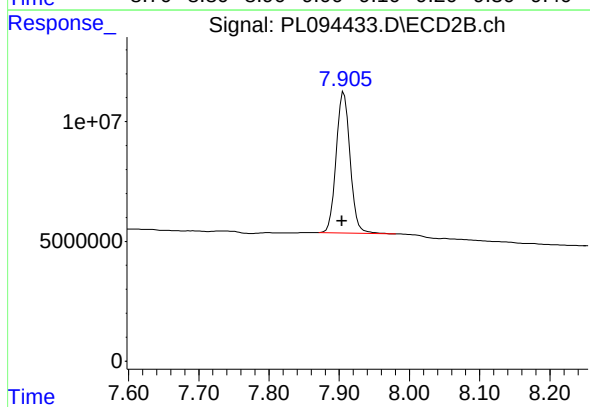
#28 Decachlorobiphenyl

R.T.: 9.053 min
Delta R.T.: 0.005 min
Response: 46460078
Conc: 21.84 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

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#28 Decachlorobiphenyl

R.T.: 7.907 min
Delta R.T.: 0.002 min
Response: 80858778
Conc: 21.03 ng/ml