

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL021125\
 Data File : PL094134.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 11 Feb 2025 10:11
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

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

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 12 00:27:49 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...	3.538	2.773	66804445	80745133	24.809	24.737
28) SA Decachlor...	9.054	7.908	49280791	83937995	23.558	23.954
Target Compounds						
2) A alpha-BHC	3.994	3.276	49329277	57603618	12.867	11.782
3) MA gamma-BHC...	4.327	3.605	46714593	54070866	12.684	11.404
6) B beta-BHC	4.525	3.906	21488947	26353509	13.369	13.194
12) B 4,4'-DDE	6.190	5.228	448566	547389	0.184m	0.137m#
14) MA Endrin	6.572	5.635	123.9E6	218.3E6	52.828m	59.122
16) A 4,4'-DDD	6.707	5.783	6450941	10095051	3.394m	3.198
17) MA 4,4'-DDT	7.023	6.033	225.2E6	437.7E6	114.193	134.519
18) B Endrin al...	6.922	6.109	3944687	7785046	2.029	2.557 #
20) A Methoxychlor	7.499	6.608	280.0E6	517.4E6	268.367	289.343
21) B Endrin ke...	7.642	6.836	8376465	15136324	3.321	3.608

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

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ALS Vial : 3 Sample Multiplier: 1

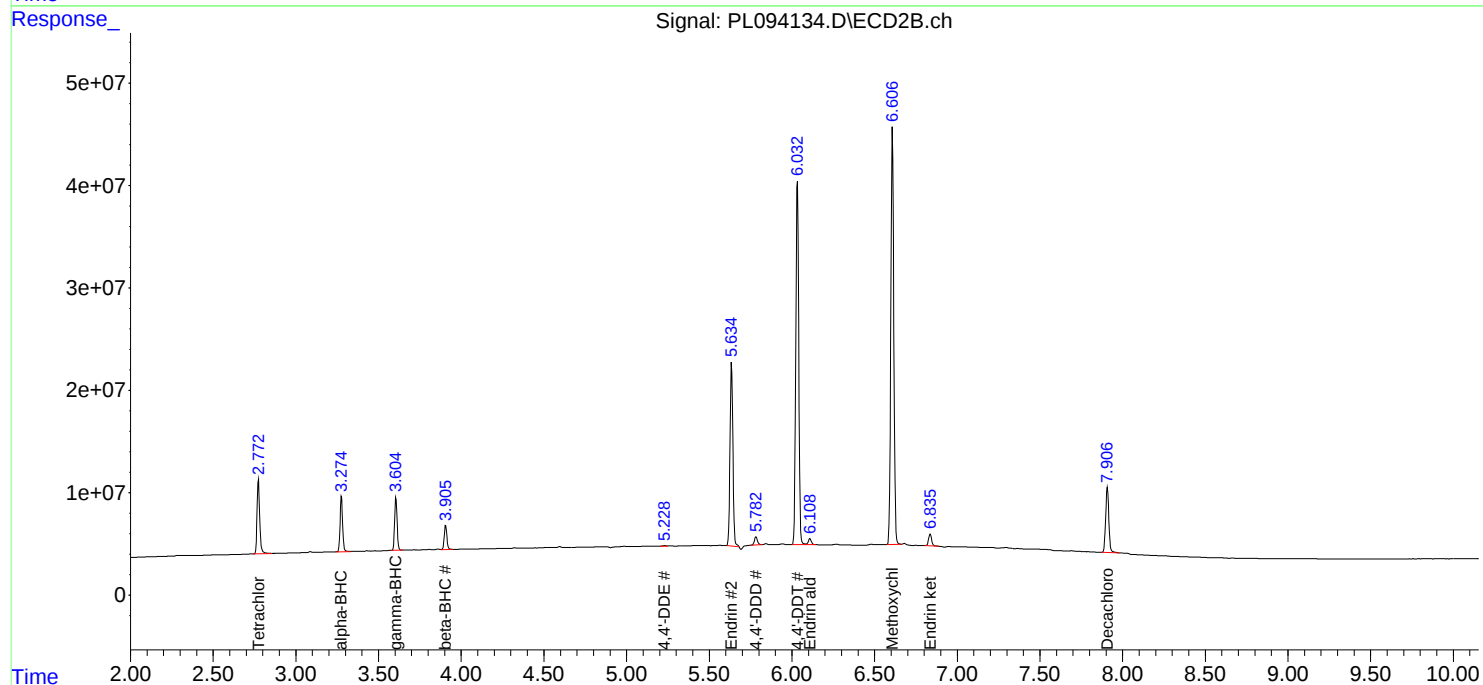
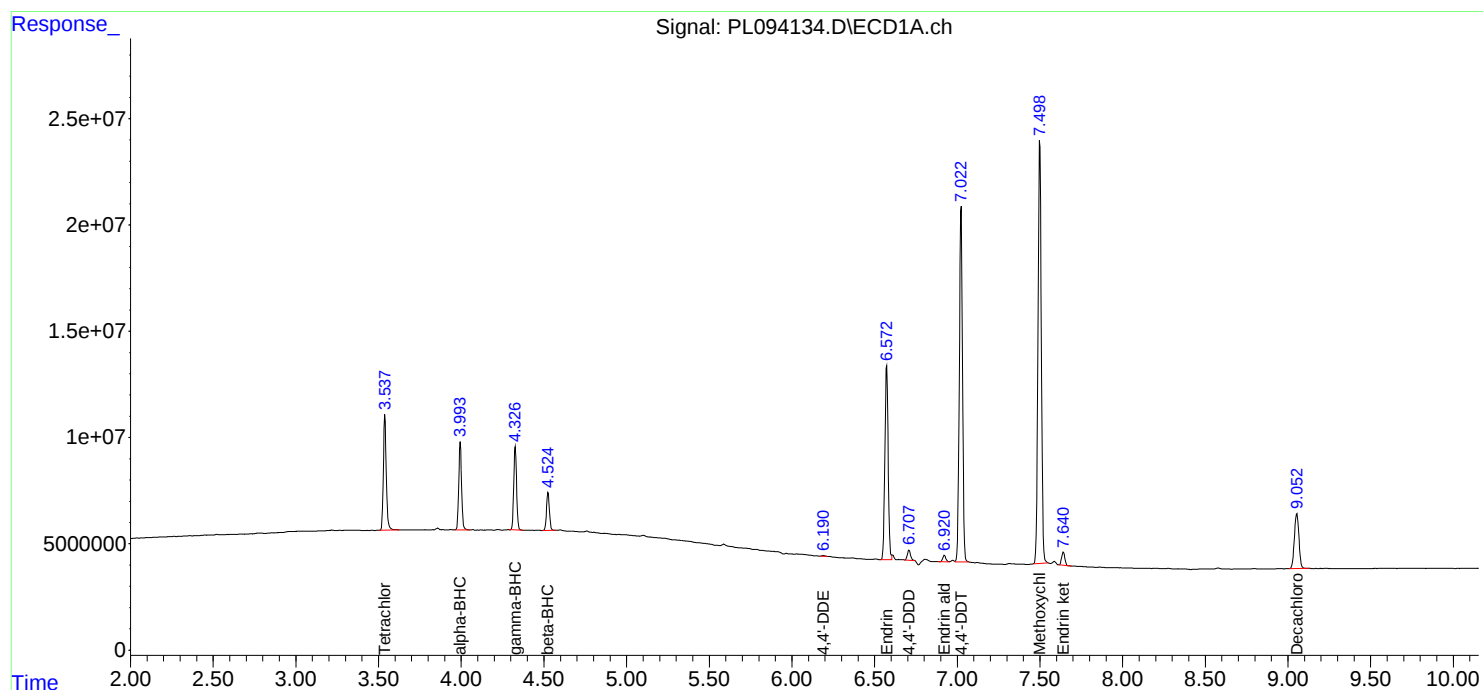
Instrument :
ECD_L
ClientSampleId :
PEM

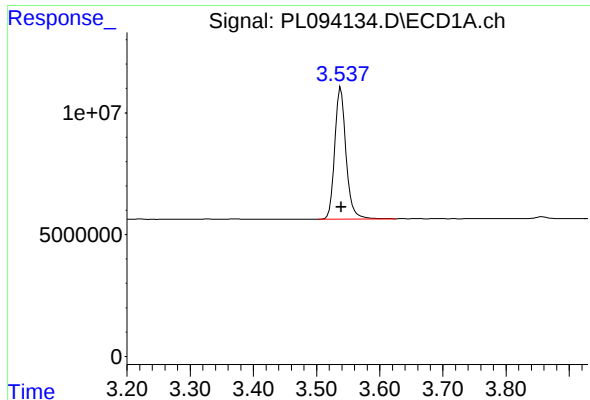
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Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
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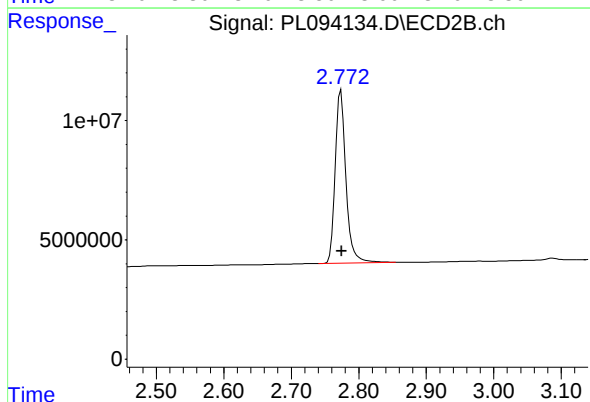
#1 Tetrachloro-m-xylene

R.T.: 3.538 min
Delta R.T.: 0.000 min
Response: 66804445
Conc: 24.81 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

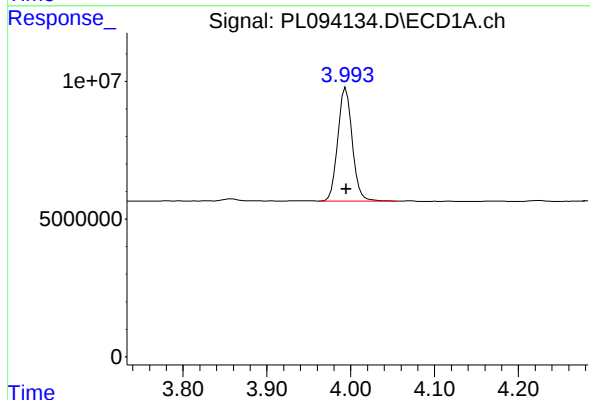
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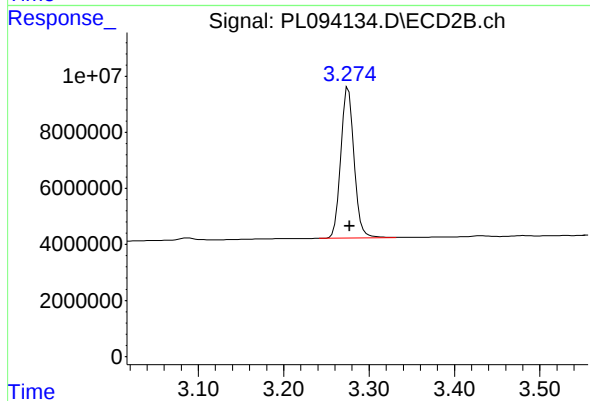
#1 Tetrachloro-m-xylene

R.T.: 2.773 min
Delta R.T.: 0.000 min
Response: 80745133
Conc: 24.74 ng/ml



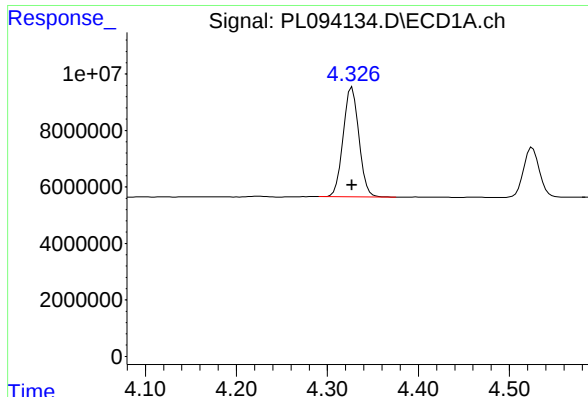
#2 alpha-BHC

R.T.: 3.994 min
Delta R.T.: 0.000 min
Response: 49329277
Conc: 12.87 ng/ml



#2 alpha-BHC

R.T.: 3.276 min
Delta R.T.: -0.001 min
Response: 57603618
Conc: 11.78 ng/ml



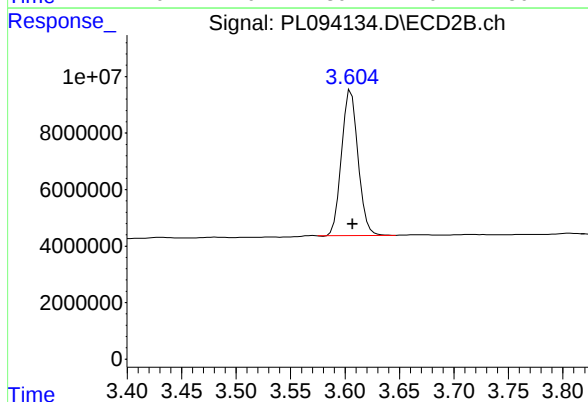
#3 gamma-BHC (Lindane)

R.T.: 4.327 min
Delta R.T.: 0.000 min
Response: 46714593
Conc: 12.68 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

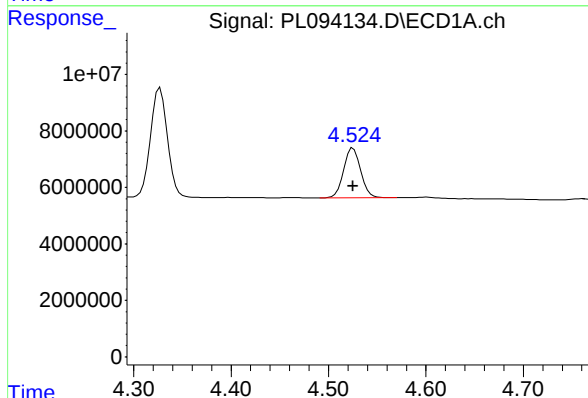
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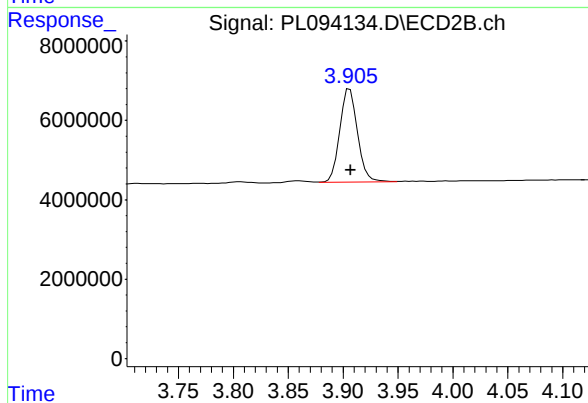
#3 gamma-BHC (Lindane)

R.T.: 3.605 min
Delta R.T.: -0.002 min
Response: 54070866
Conc: 11.40 ng/ml



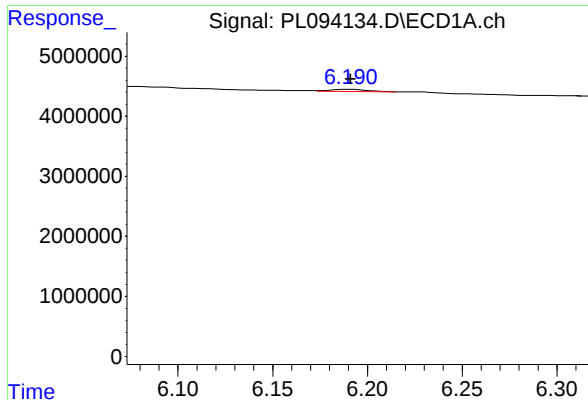
#6 beta-BHC

R.T.: 4.525 min
Delta R.T.: 0.000 min
Response: 21488947
Conc: 13.37 ng/ml



#6 beta-BHC

R.T.: 3.906 min
Delta R.T.: 0.000 min
Response: 26353509
Conc: 13.19 ng/ml



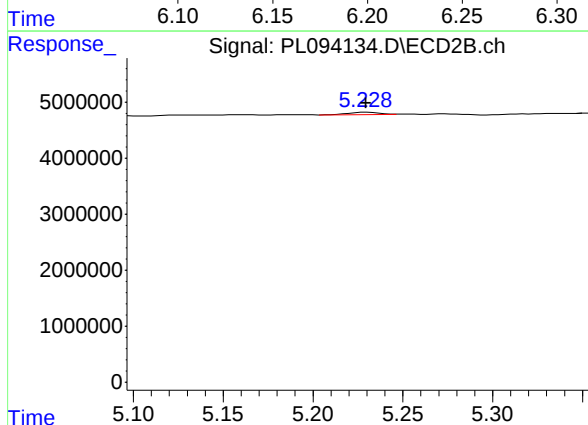
#12 4,4'-DDE

R.T.: 6.190 min
Delta R.T.: -0.001 min
Response: 448566
Conc: 0.18 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

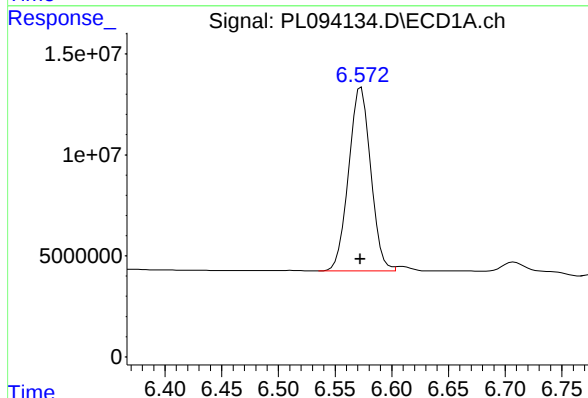
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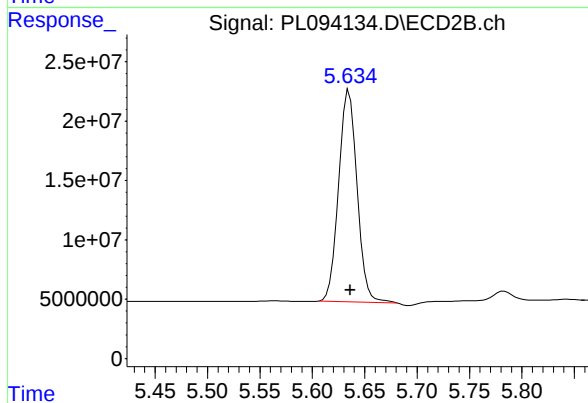
#12 4,4'-DDE

R.T.: 5.228 min
Delta R.T.: -0.002 min
Response: 547389
Conc: 0.14 ng/ml



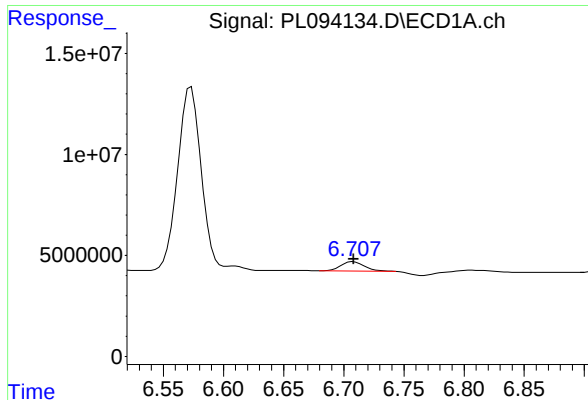
#14 Endrin

R.T.: 6.572 min
Delta R.T.: 0.000 min
Response: 123872457
Conc: 52.83 ng/ml



#14 Endrin

R.T.: 5.635 min
Delta R.T.: -0.001 min
Response: 218318671
Conc: 59.12 ng/ml



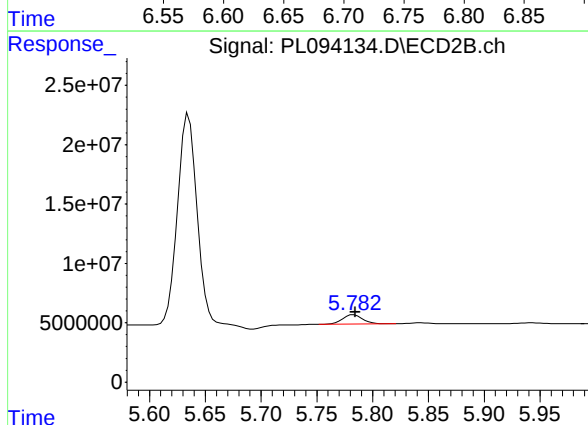
#16 4,4'-DDD

R.T.: 6.707 min
Delta R.T.: -0.002 min
Response: 6450941
Conc: 3.39 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

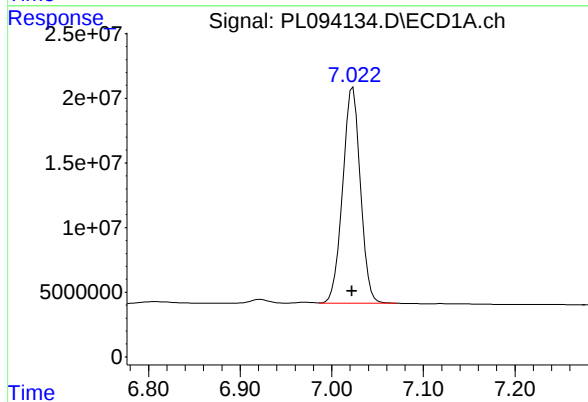
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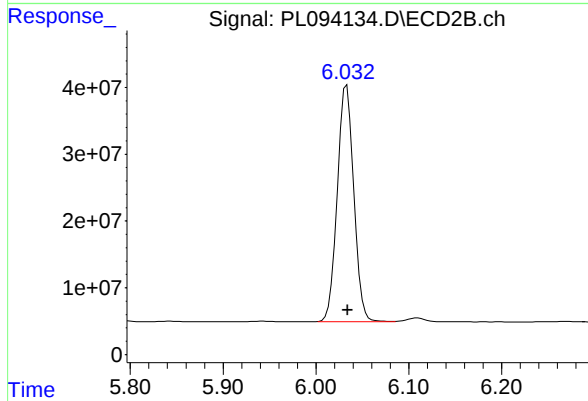
#16 4,4'-DDD

R.T.: 5.783 min
Delta R.T.: -0.001 min
Response: 10095051
Conc: 3.20 ng/ml



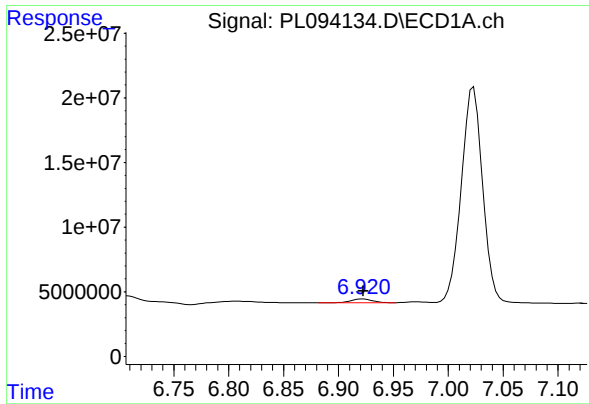
#17 4,4'-DDT

R.T.: 7.023 min
Delta R.T.: 0.000 min
Response: 225195218
Conc: 114.19 ng/ml



#17 4,4'-DDT

R.T.: 6.033 min
Delta R.T.: -0.001 min
Response: 437731433
Conc: 134.52 ng/ml



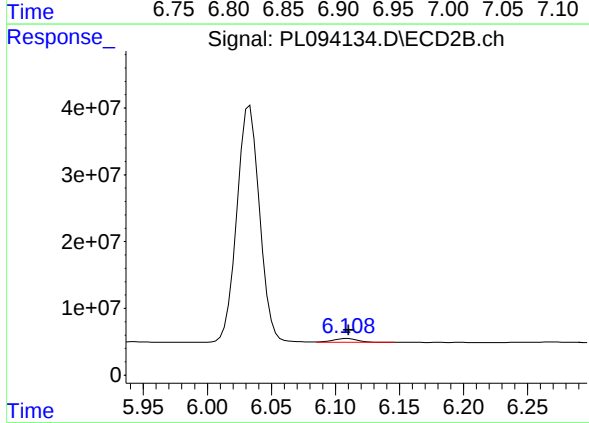
#18 Endrin aldehyde

R.T.: 6.922 min
Delta R.T.: 0.000 min
Response: 3944687
Conc: 2.03 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

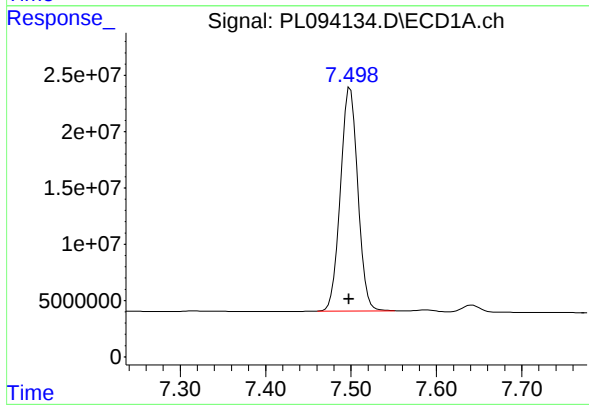
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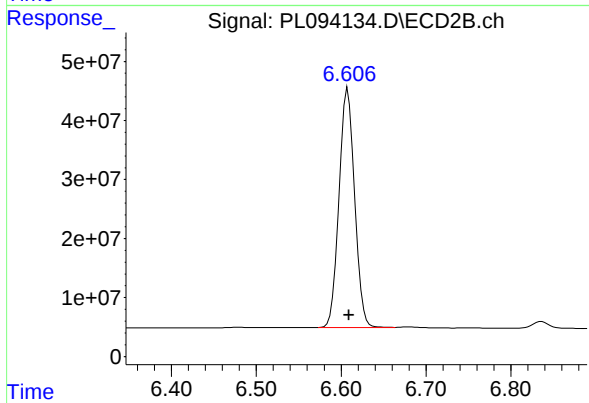
#18 Endrin aldehyde

R.T.: 6.109 min
Delta R.T.: 0.000 min
Response: 7785046
Conc: 2.56 ng/ml



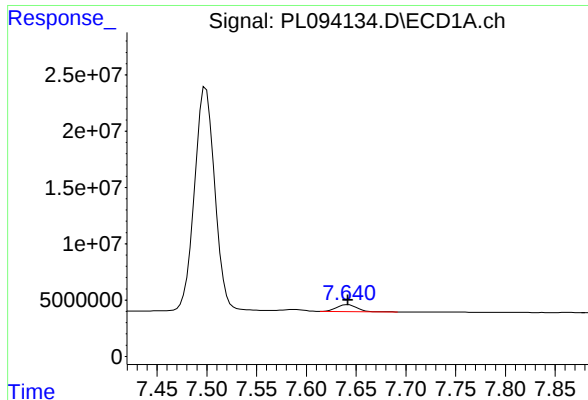
#20 Methoxychlor

R.T.: 7.499 min
Delta R.T.: 0.001 min
Response: 280012938
Conc: 268.37 ng/ml



#20 Methoxychlor

R.T.: 6.608 min
Delta R.T.: -0.001 min
Response: 517384494
Conc: 289.34 ng/ml



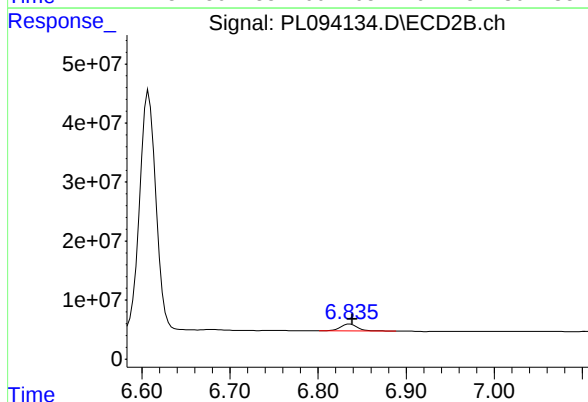
#21 Endrin ketone

R.T.: 7.642 min
Delta R.T.: 0.000 min
Response: 8376465
Conc: 3.32 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

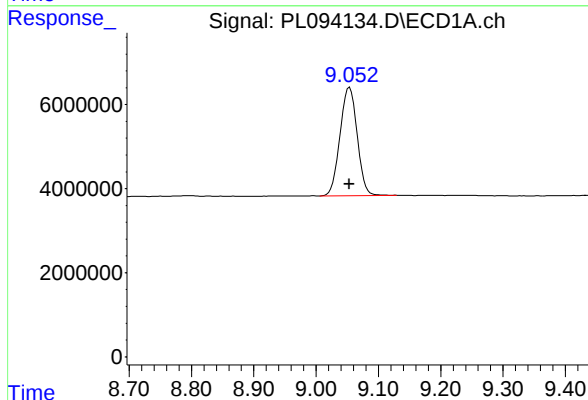
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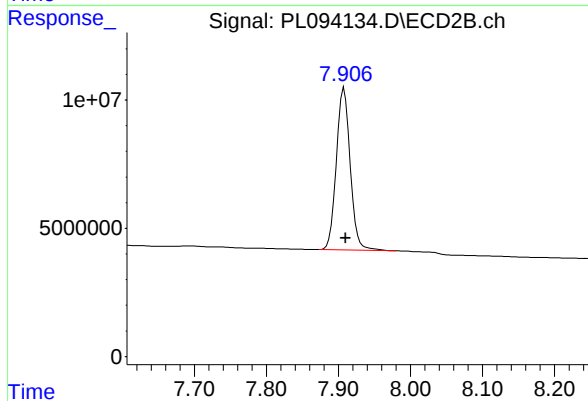
#21 Endrin ketone

R.T.: 6.836 min
Delta R.T.: -0.003 min
Response: 15136324
Conc: 3.61 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.054 min
Delta R.T.: 0.000 min
Response: 49280791
Conc: 23.56 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.908 min
Delta R.T.: -0.002 min
Response: 83937995
Conc: 23.95 ng/ml