

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL021925\
 Data File : PL094285.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 19 Feb 2025 20:57
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 02/20/2025
 Supervised By : Ankita Jodhani 02/20/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 20 01:18:38 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...	3.537	2.772	54299102	66826345	20.165	20.473
28) SA Decachlor...	9.048	7.905	44464533	72770044	21.255	20.767
Target Compounds						
2) A alpha-BHC	3.992	3.273	40558871	48435103	10.579	9.907
3) MA gamma-BHC...	4.325	3.603	38535752	45592917	10.464	9.616
6) B beta-BHC	4.523	3.904	18099612	22340519	11.261	11.185
14) MA Endrin	6.569	5.632	105.4E6	179.0E6	44.951m	48.479
16) A 4,4'-DDD	6.707	5.780	5597669	8407604	2.945	2.664
17) MA 4,4'-DDT	7.021	6.030	190.8E6	364.4E6	96.731	111.976
18) B Endrin al...	6.920	6.106	4012740	7168624	2.064	2.355
20) A Methoxychlor	7.497	6.605	239.6E6	452.3E6	229.639	252.950
21) B Endrin ke...	7.639	6.833	8285266	14407255	3.284	3.434

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

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Data File : PL094285.D
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Acq On : 19 Feb 2025 20:57
Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

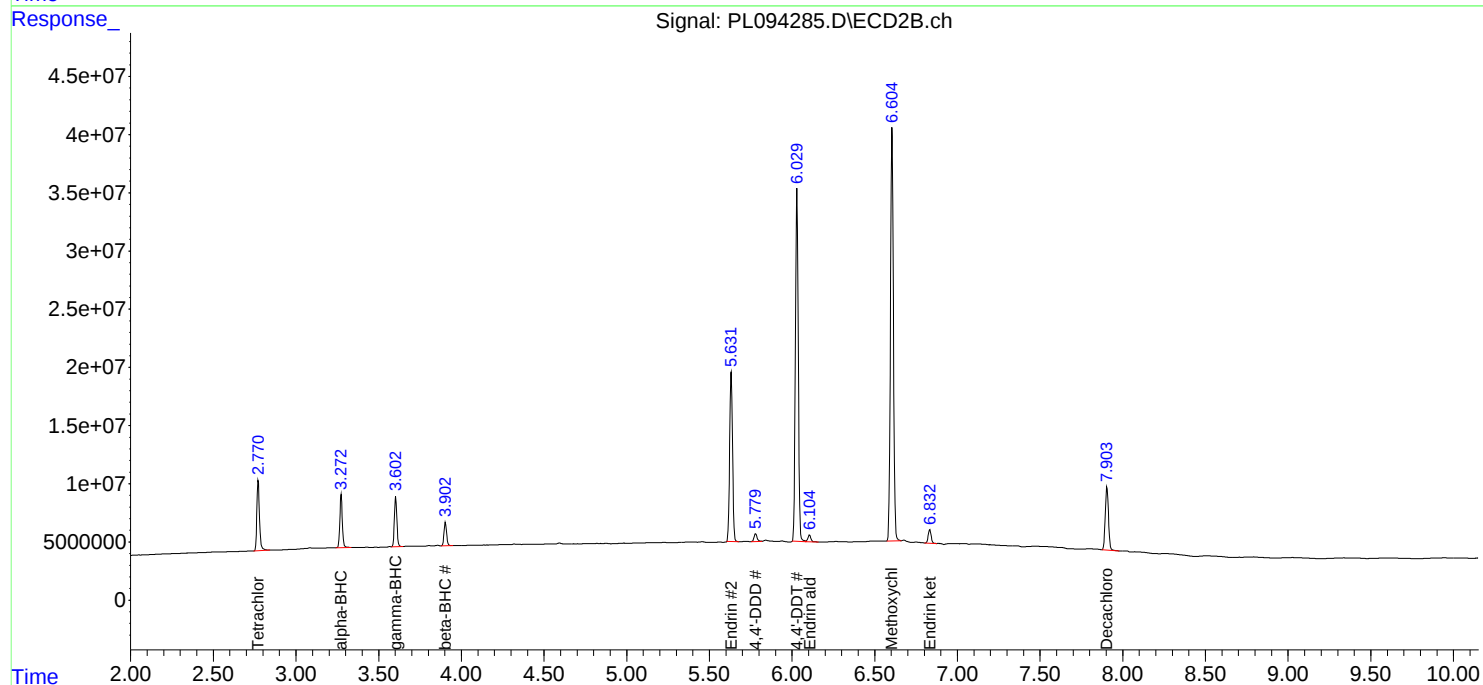
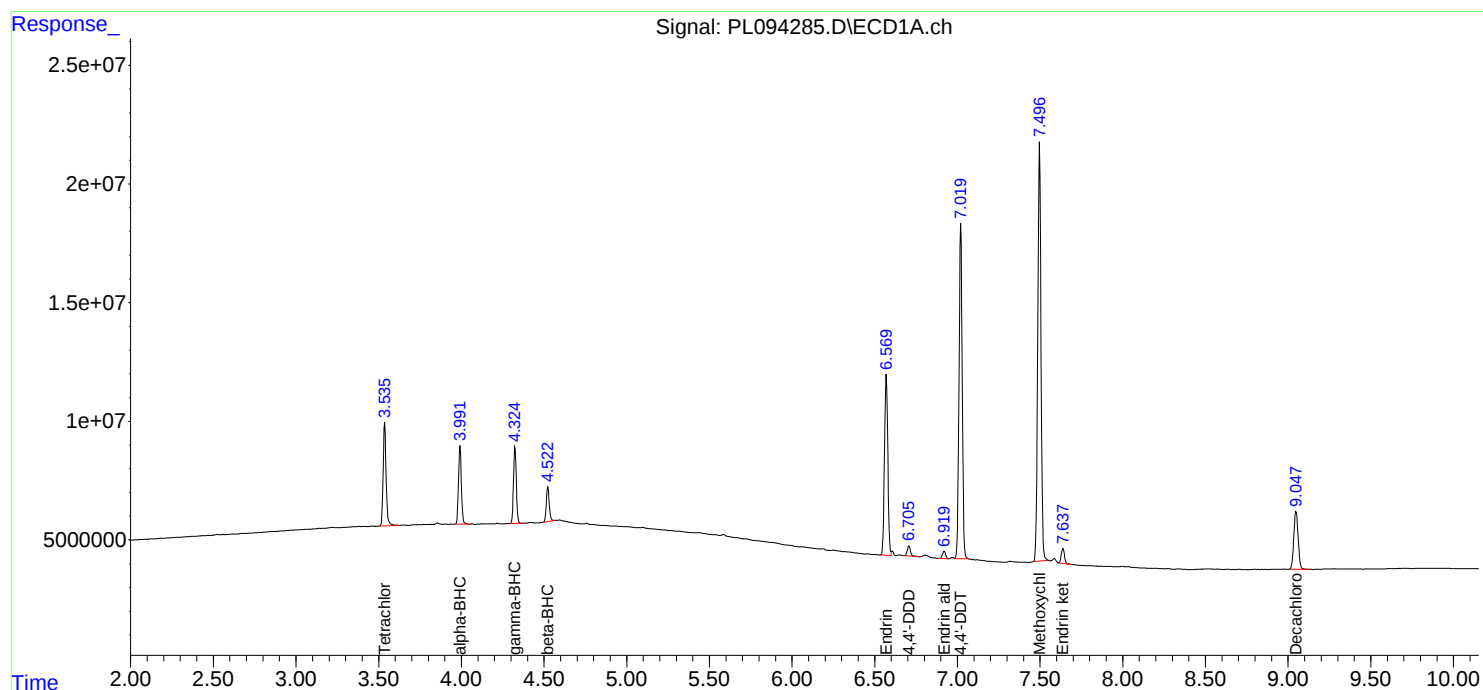
Instrument :
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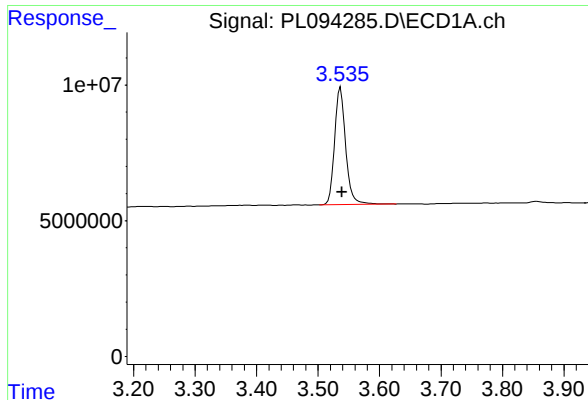
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Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 20 01:18:38 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL012125.M
Quant Title : GC Extractables
QLast Update : Tue Jan 21 14:58:05 2025
Response 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





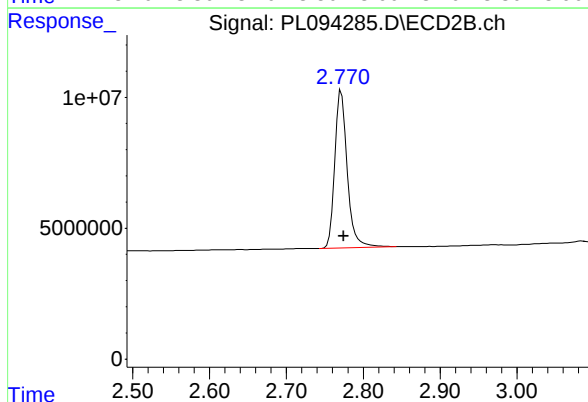
#1 Tetrachloro-m-xylene

R.T.: 3.537 min
Delta R.T.: -0.002 min
Response: 54299102
Conc: 20.16 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

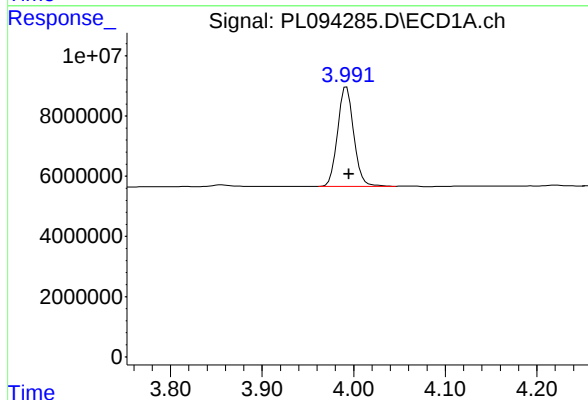
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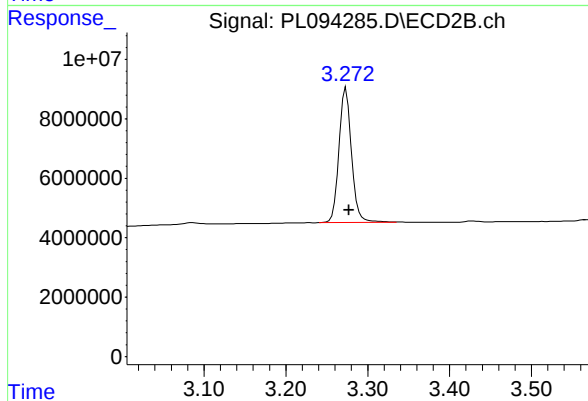
#1 Tetrachloro-m-xylene

R.T.: 2.772 min
Delta R.T.: -0.003 min
Response: 66826345
Conc: 20.47 ng/ml



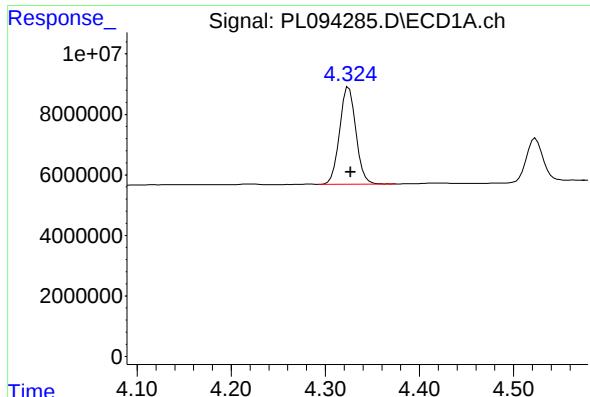
#2 alpha-BHC

R.T.: 3.992 min
Delta R.T.: -0.002 min
Response: 40558871
Conc: 10.58 ng/ml



#2 alpha-BHC

R.T.: 3.273 min
Delta R.T.: -0.003 min
Response: 48435103
Conc: 9.91 ng/ml



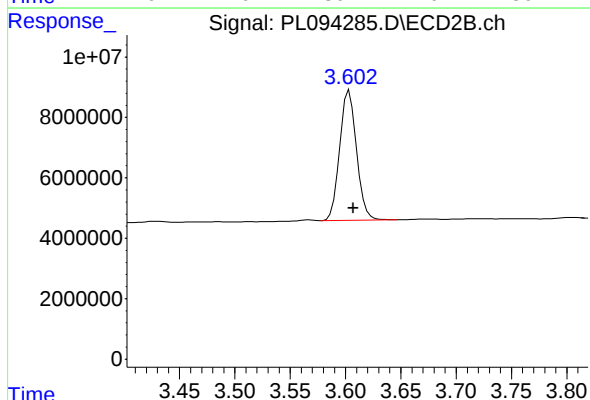
#3 gamma-BHC (Lindane)

R.T.: 4.325 min
Delta R.T.: -0.002 min
Response: 38535752
Conc: 10.46 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

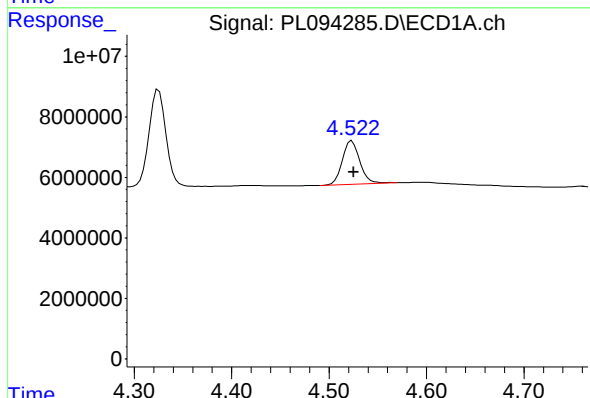
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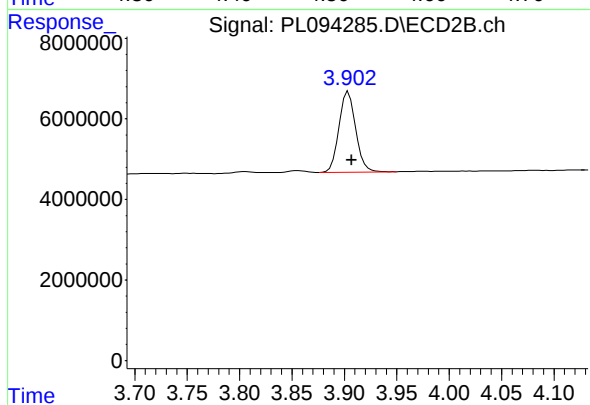
#3 gamma-BHC (Lindane)

R.T.: 3.603 min
Delta R.T.: -0.004 min
Response: 45592917
Conc: 9.62 ng/ml



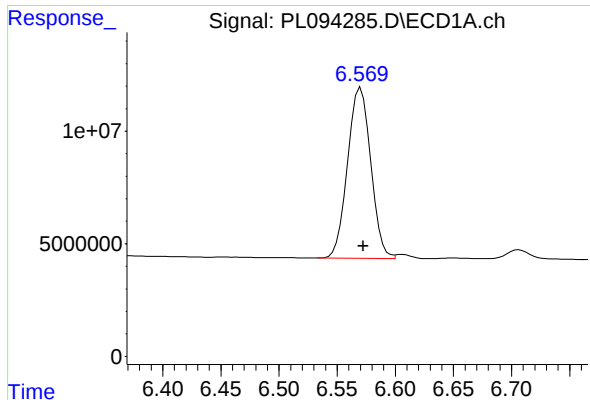
#6 beta-BHC

R.T.: 4.523 min
Delta R.T.: -0.002 min
Response: 18099612
Conc: 11.26 ng/ml



#6 beta-BHC

R.T.: 3.904 min
Delta R.T.: -0.003 min
Response: 22340519
Conc: 11.18 ng/ml



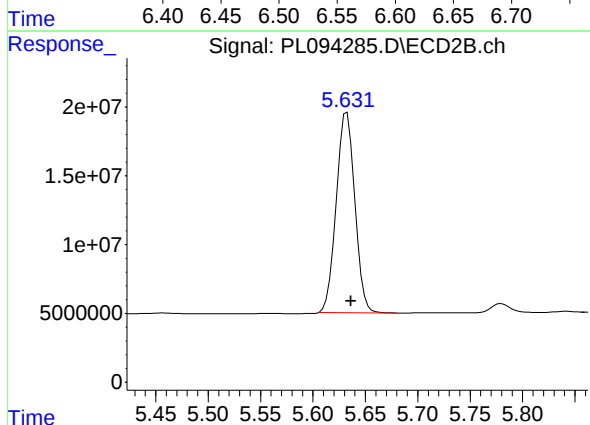
#14 Endrin

R.T.: 6.569 min
Delta R.T.: -0.004 min
Response: 105401842
Conc: 44.95 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

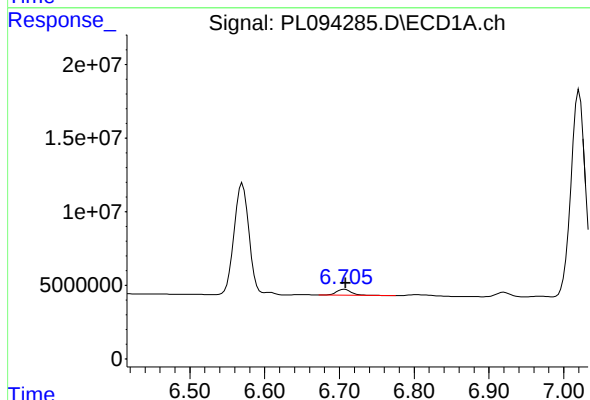
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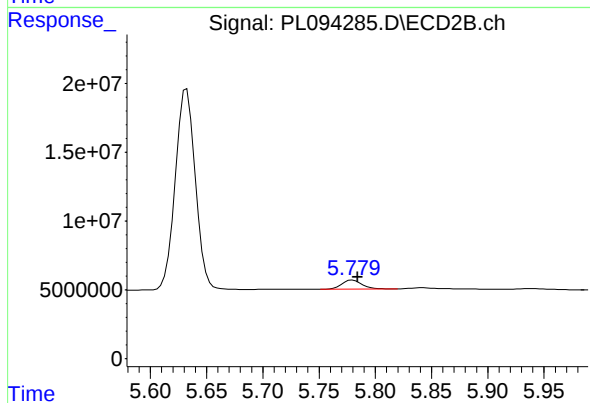
#14 Endrin

R.T.: 5.632 min
Delta R.T.: -0.004 min
Response: 179019042
Conc: 48.48 ng/ml



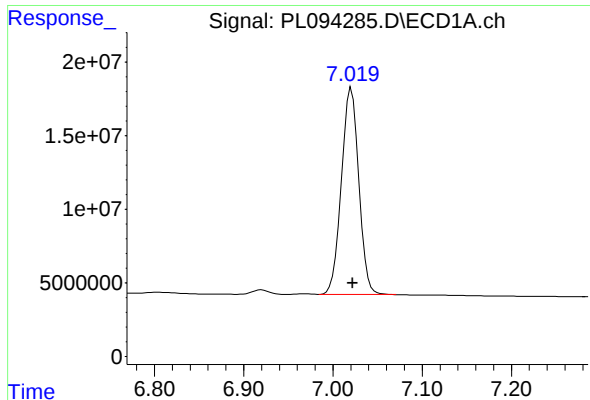
#16 4,4'-DDD

R.T.: 6.707 min
Delta R.T.: -0.001 min
Response: 5597669
Conc: 2.95 ng/ml



#16 4,4'-DDD

R.T.: 5.780 min
Delta R.T.: -0.004 min
Response: 8407604
Conc: 2.66 ng/ml



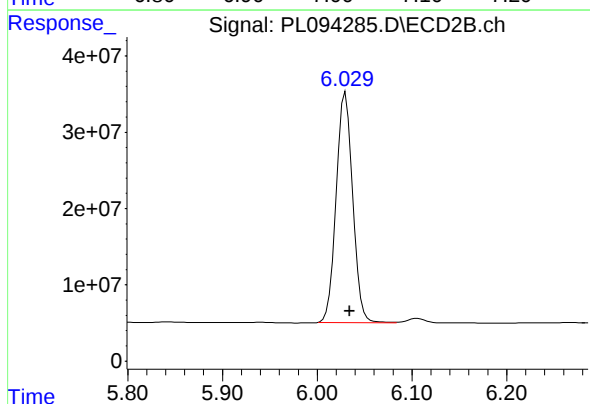
#17 4,4'-DDT

R.T.: 7.021 min
Delta R.T.: -0.002 min
Response: 190759011
Conc: 96.73 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

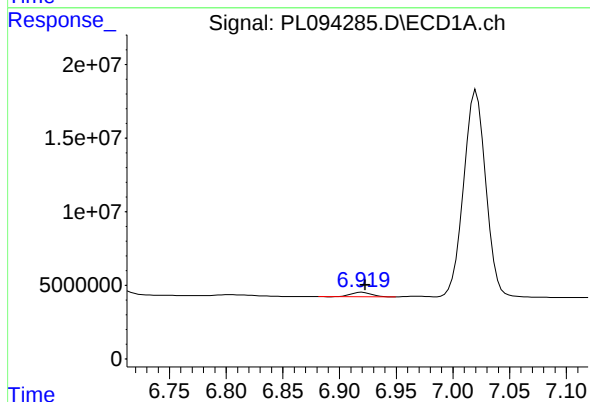
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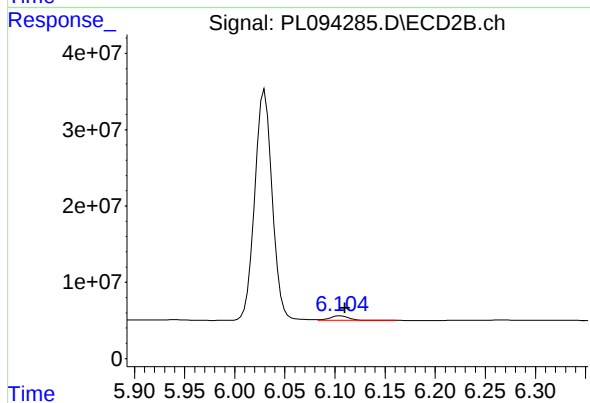
#17 4,4'-DDT

R.T.: 6.030 min
Delta R.T.: -0.004 min
Response: 364376510
Conc: 111.98 ng/ml



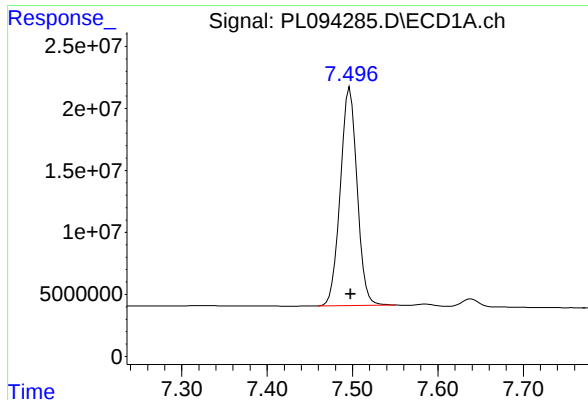
#18 Endrin aldehyde

R.T.: 6.920 min
Delta R.T.: -0.003 min
Response: 4012740
Conc: 2.06 ng/ml



#18 Endrin aldehyde

R.T.: 6.106 min
Delta R.T.: -0.004 min
Response: 7168624
Conc: 2.35 ng/ml



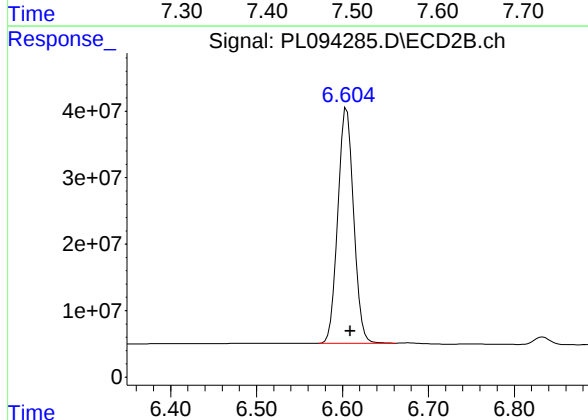
#20 Methoxychlor

R.T.: 7.497 min
Delta R.T.: -0.001 min
Response: 239605124
Conc: 229.64 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

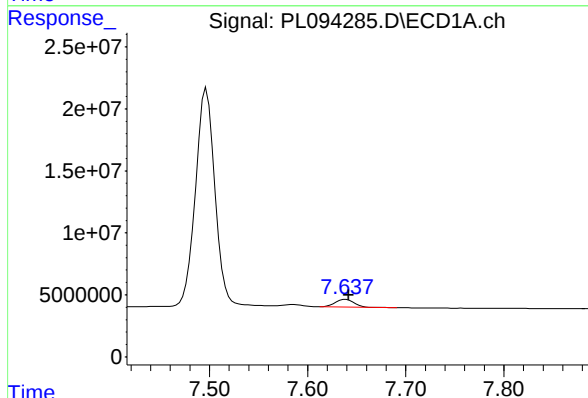
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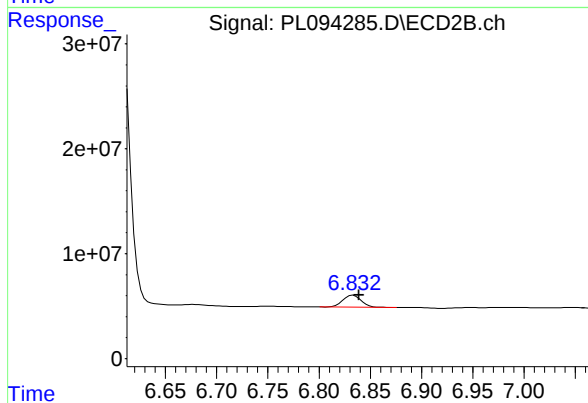
#20 Methoxychlor

R.T.: 6.605 min
Delta R.T.: -0.004 min
Response: 452308530
Conc: 252.95 ng/ml



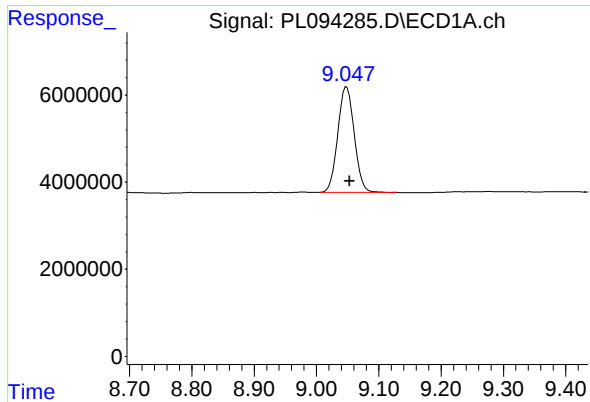
#21 Endrin ketone

R.T.: 7.639 min
Delta R.T.: -0.003 min
Response: 8285266
Conc: 3.28 ng/ml



#21 Endrin ketone

R.T.: 6.833 min
Delta R.T.: -0.006 min
Response: 14407255
Conc: 3.43 ng/ml



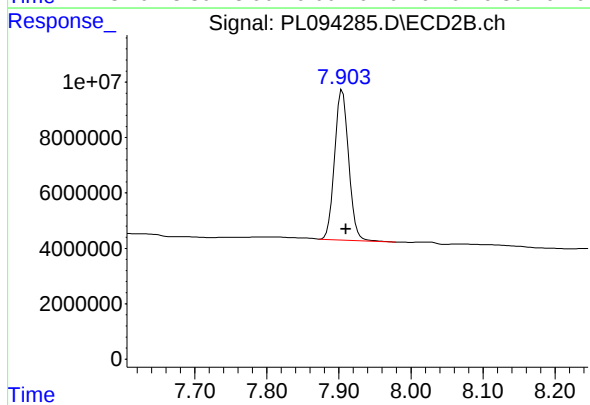
#28 Decachlorobiphenyl

R.T.: 9.048 min
Delta R.T.: -0.005 min
Response: 44464533
Conc: 21.26 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

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#28 Decachlorobiphenyl

R.T.: 7.905 min
Delta R.T.: -0.005 min
Response: 72770044
Conc: 20.77 ng/ml