

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL031125\
 Data File : PL094606.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 11 Mar 2025 22:09
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 03/12/2025
 Supervised By : Ankita Jodhani 03/12/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 12 02:05:23 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL031125.M
 Quant Title : GC Extractables
 QLast Update : Tue Mar 11 17:42:21 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	57150460	71465780	20.190	20.023
28)	SA Decachlor...	9.052	7.905	46872996	87094330	22.242	21.561
Target Compounds							
2)	A alpha-BHC	3.992	3.273	44756607	51511536	10.779	9.554
3)	MA gamma-BHC...	4.325	3.602	42570313	49224348	10.669	9.578
6)	B beta-BHC	4.524	3.903	19044139	24002682	10.321	10.806
12)	B 4,4'-DDE	6.192	5.226	907339	857603	0.308m	0.184m#
14)	MA Endrin	6.570	5.630	120.5E6	200.9E6	43.487m	46.039m
16)	A 4,4'-DDD	6.706	5.779	4191705	7067966	1.935m	1.966
17)	MA 4,4'-DDT	7.021	6.029	216.4E6	416.2E6	90.981	103.211
18)	B Endrin al...	6.920	6.106	4035750	8042731	1.912m	2.390 #
20)	A Methoxychlor	7.498	6.605	272.2E6	509.3E6	227.421	240.136
21)	B Endrin ke...	7.641	6.832	9940628	14192194	3.761	2.974m

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

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Acq On : 11 Mar 2025 22:09
Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

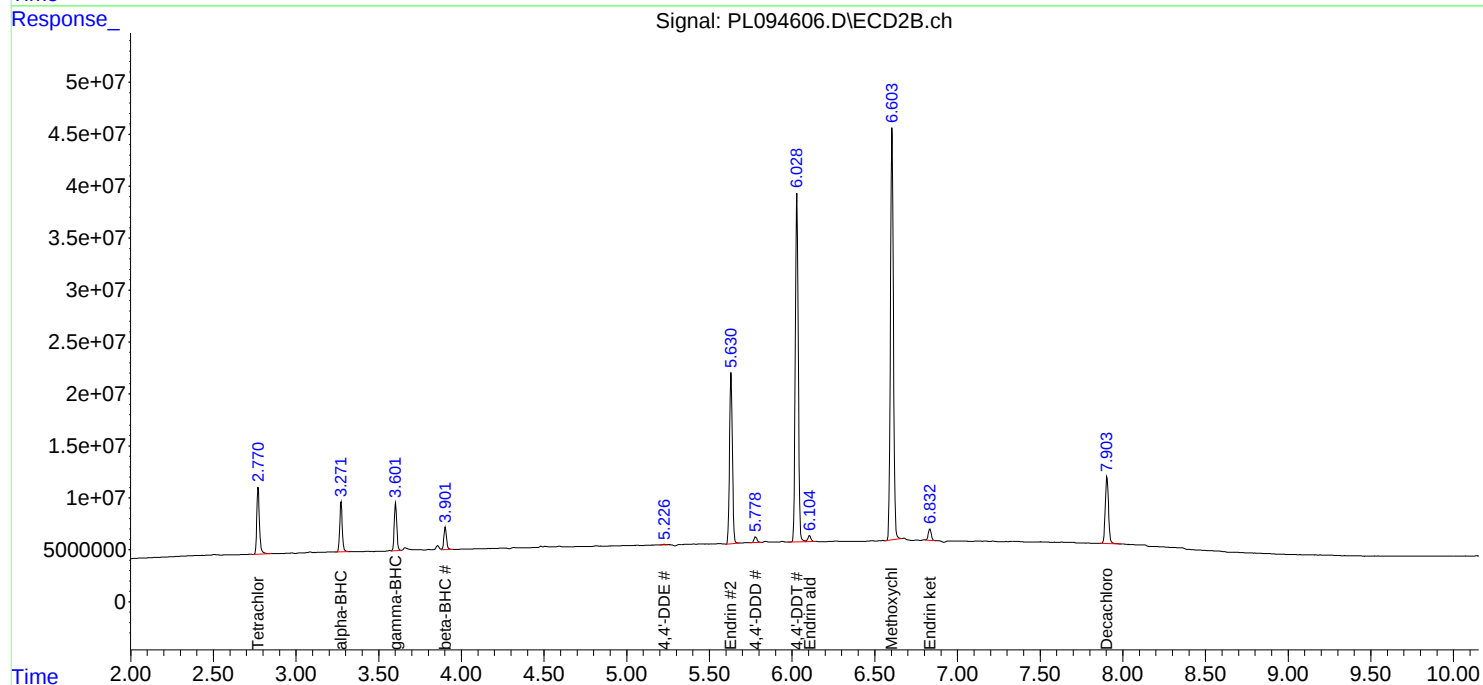
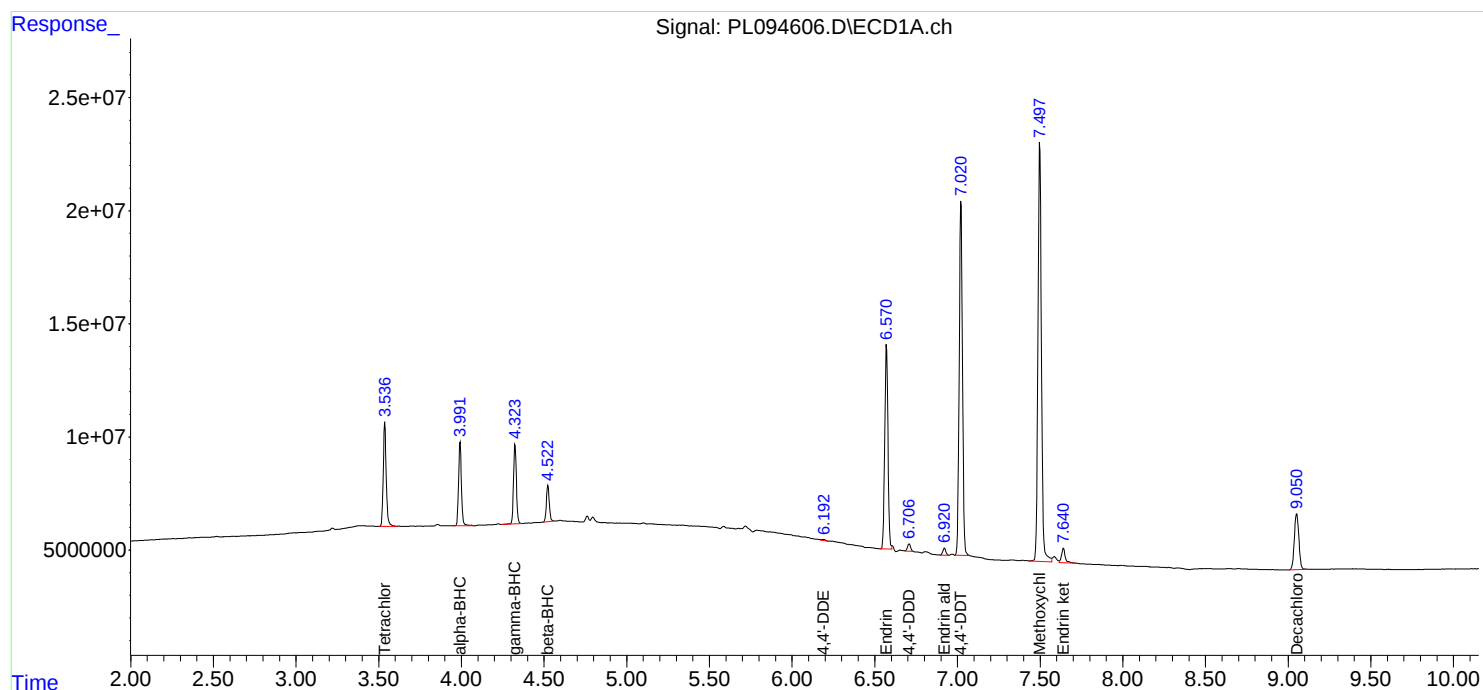
Instrument :
ECD_L
ClientSampleId :
PEM

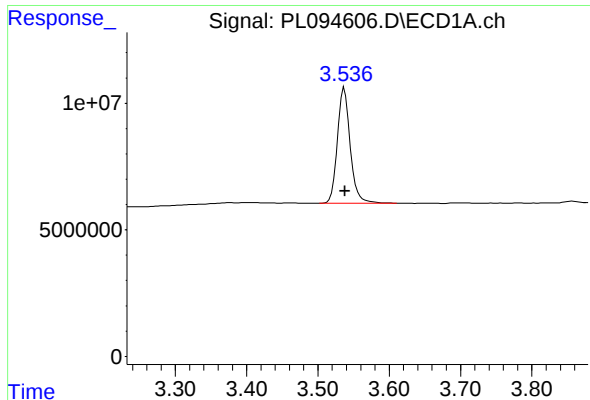
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Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
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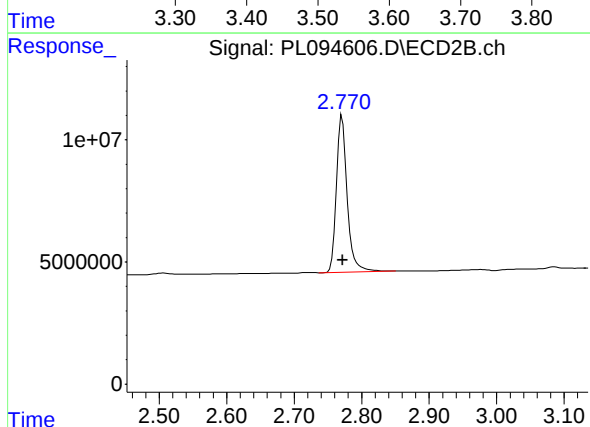
#1 Tetrachloro-m-xylene

R.T.: 3.537 min
Delta R.T.: 0.000 min
Response: 57150460
Conc: 20.19 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

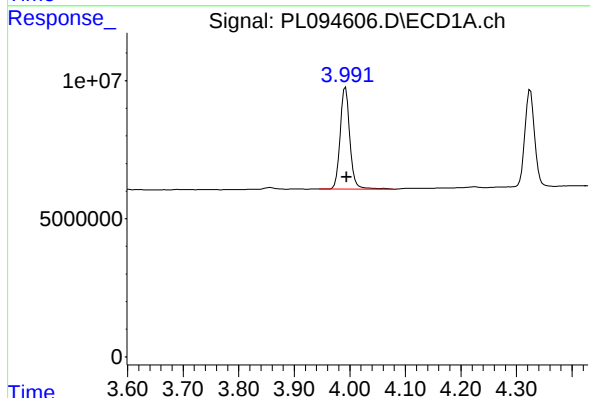
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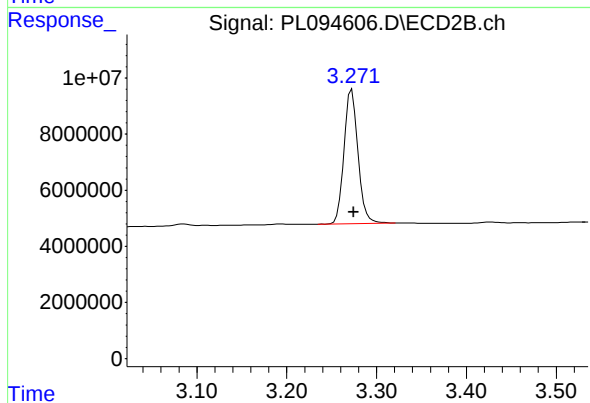
#1 Tetrachloro-m-xylene

R.T.: 2.771 min
Delta R.T.: -0.001 min
Response: 71465780
Conc: 20.02 ng/ml



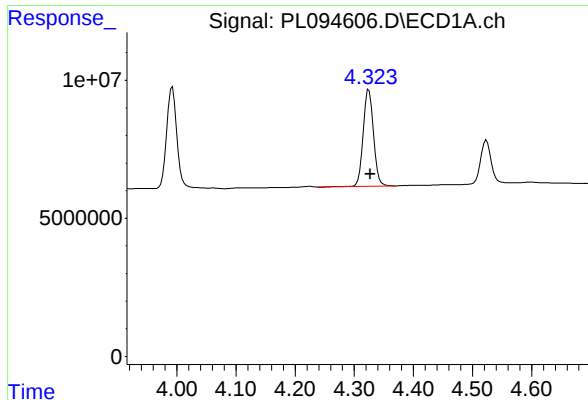
#2 alpha-BHC

R.T.: 3.992 min
Delta R.T.: -0.002 min
Response: 44756607
Conc: 10.78 ng/ml



#2 alpha-BHC

R.T.: 3.273 min
Delta R.T.: -0.002 min
Response: 51511536
Conc: 9.55 ng/ml



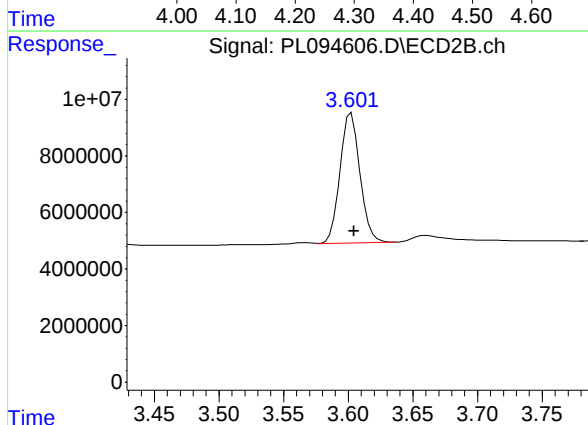
#3 gamma-BHC (Lindane)

R.T.: 4.325 min
Delta R.T.: -0.002 min
Response: 42570313
Conc: 10.67 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

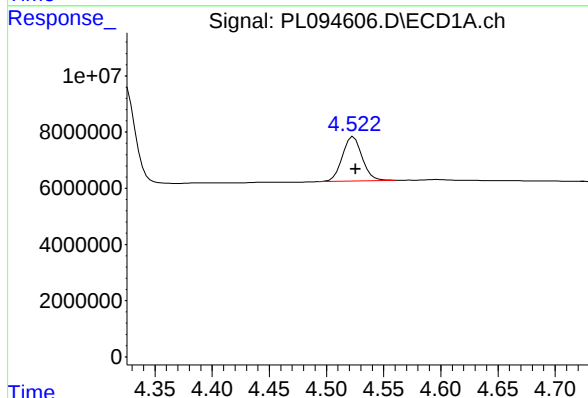
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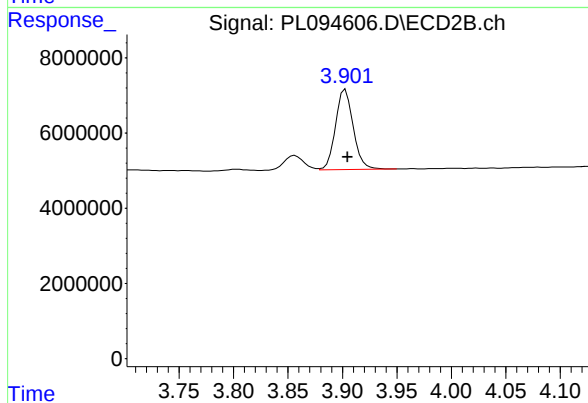
#3 gamma-BHC (Lindane)

R.T.: 3.602 min
Delta R.T.: -0.002 min
Response: 49224348
Conc: 9.58 ng/ml



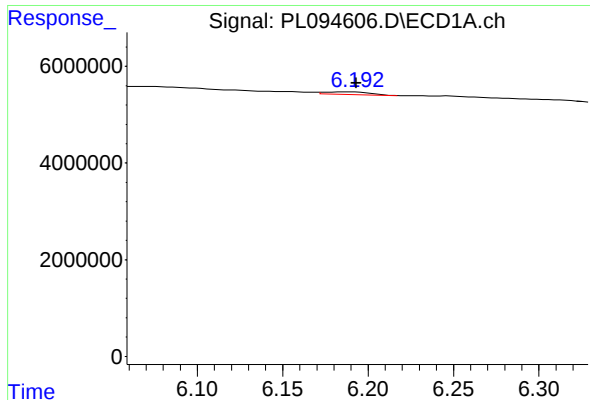
#6 beta-BHC

R.T.: 4.524 min
Delta R.T.: -0.002 min
Response: 19044139
Conc: 10.32 ng/ml



#6 beta-BHC

R.T.: 3.903 min
Delta R.T.: -0.002 min
Response: 24002682
Conc: 10.81 ng/ml



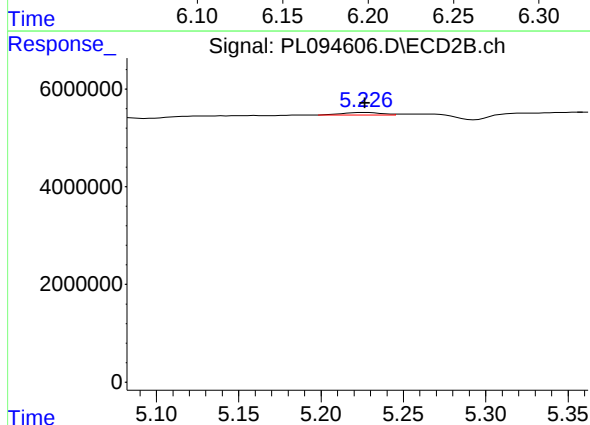
#12 4,4'-DDE

R.T.: 6.192 min
Delta R.T.: 0.000 min
Response: 907339
Conc: 0.31 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

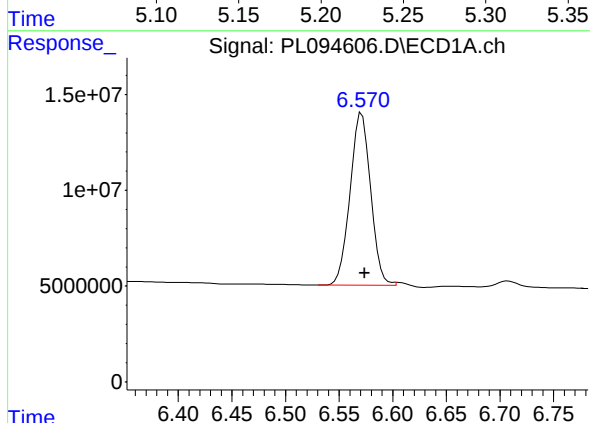
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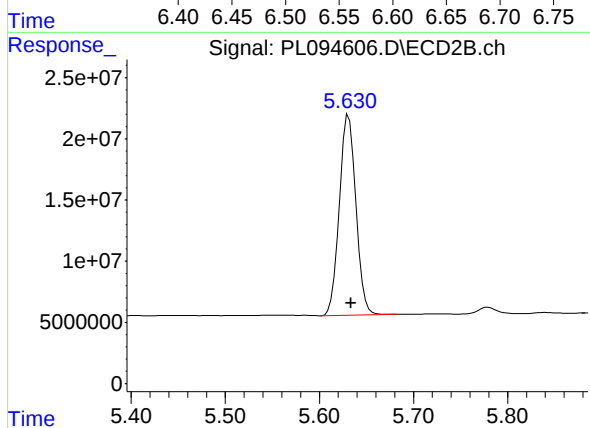
#12 4,4'-DDE

R.T.: 5.226 min
Delta R.T.: -0.001 min
Response: 857603
Conc: 0.18 ng/ml m



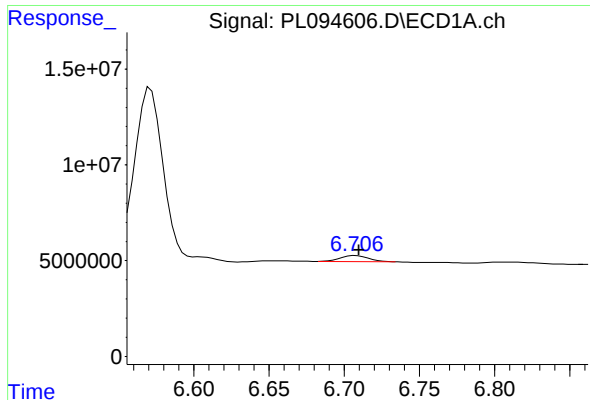
#14 Endrin

R.T.: 6.570 min
Delta R.T.: -0.004 min
Response: 120548694
Conc: 43.49 ng/ml m



#14 Endrin

R.T.: 5.630 min
Delta R.T.: -0.004 min
Response: 200897545
Conc: 46.04 ng/ml m



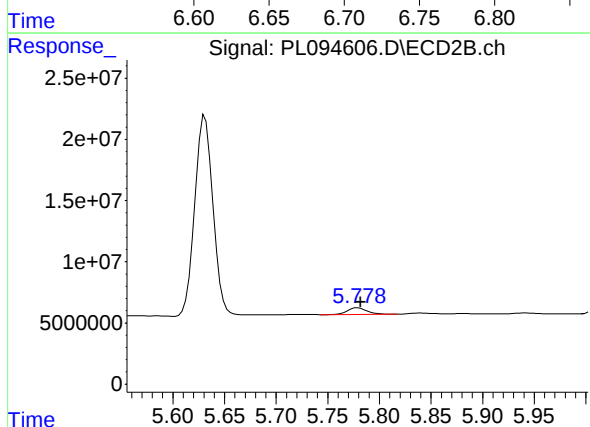
#16 4,4'-DDD

R.T.: 6.706 min
Delta R.T.: -0.003 min
Response: 4191705
Conc: 1.94 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

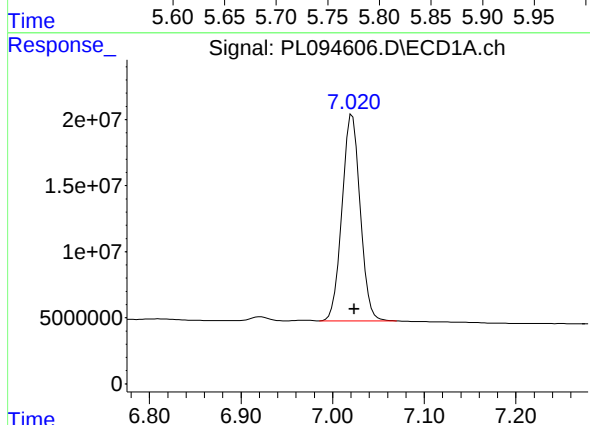
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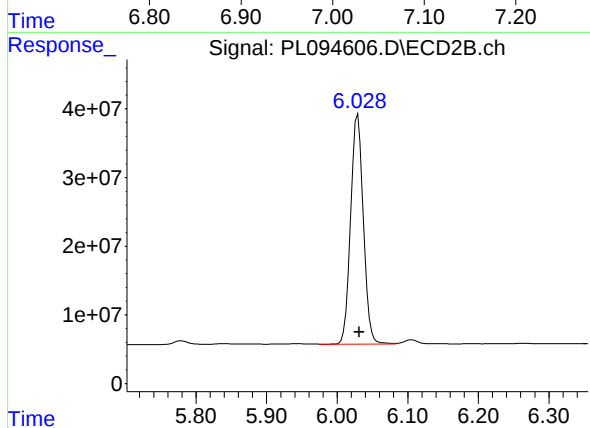
#16 4,4'-DDD

R.T.: 5.779 min
Delta R.T.: -0.003 min
Response: 7067966
Conc: 1.97 ng/ml



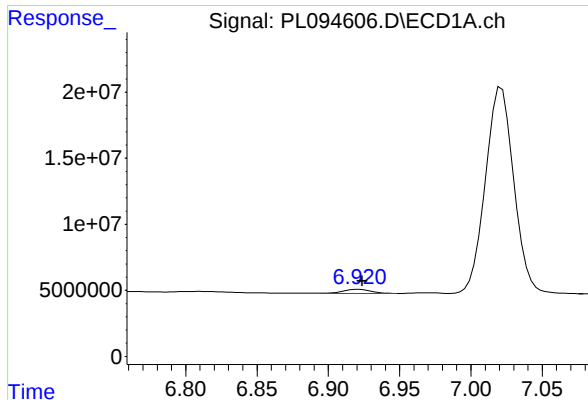
#17 4,4'-DDT

R.T.: 7.021 min
Delta R.T.: -0.002 min
Response: 216401900
Conc: 90.98 ng/ml



#17 4,4'-DDT

R.T.: 6.029 min
Delta R.T.: -0.002 min
Response: 416159579
Conc: 103.21 ng/ml



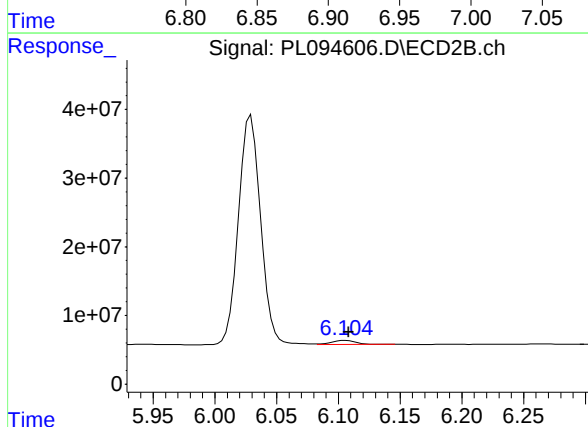
#18 Endrin aldehyde

R.T.: 6.920 min
Delta R.T.: -0.004 min
Response: 4035750
Conc: 1.91 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

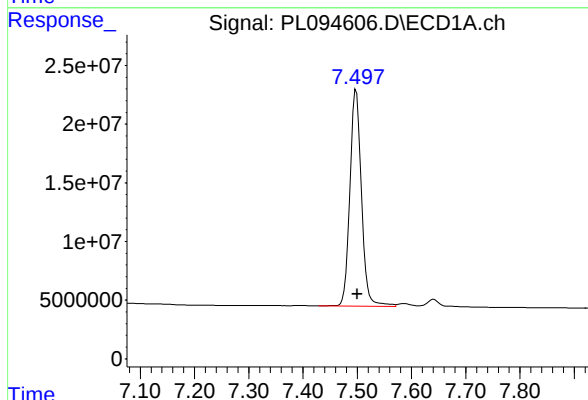
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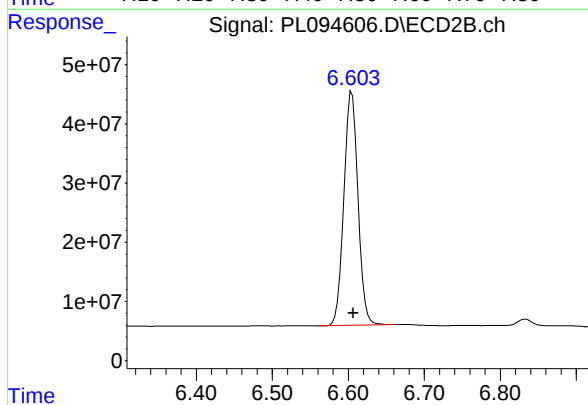
#18 Endrin aldehyde

R.T.: 6.106 min
Delta R.T.: -0.003 min
Response: 8042731
Conc: 2.39 ng/ml



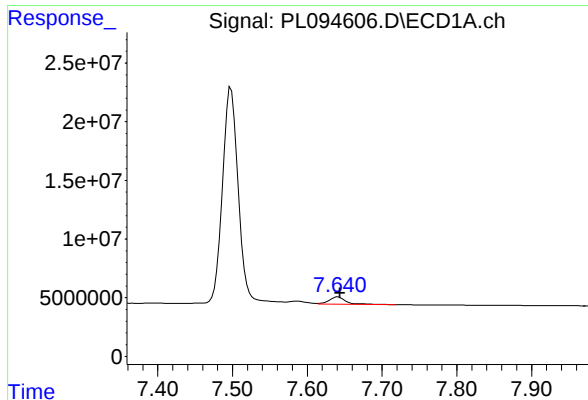
#20 Methoxychlor

R.T.: 7.498 min
Delta R.T.: -0.002 min
Response: 272238859
Conc: 227.42 ng/ml



#20 Methoxychlor

R.T.: 6.605 min
Delta R.T.: -0.002 min
Response: 509345003
Conc: 240.14 ng/ml



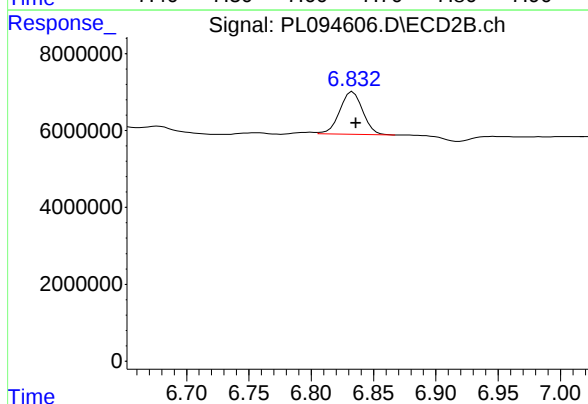
#21 Endrin ketone

R.T.: 7.641 min
Delta R.T.: -0.002 min
Response: 9940628
Conc: 3.76 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

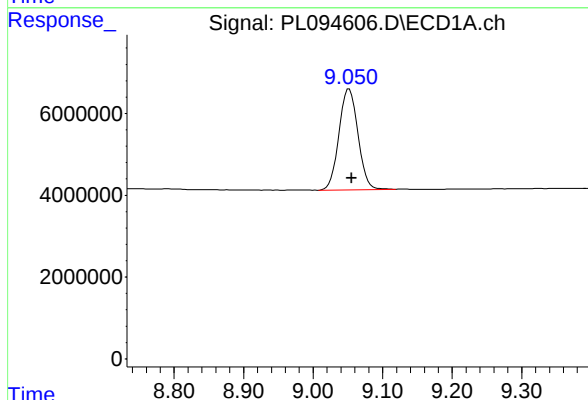
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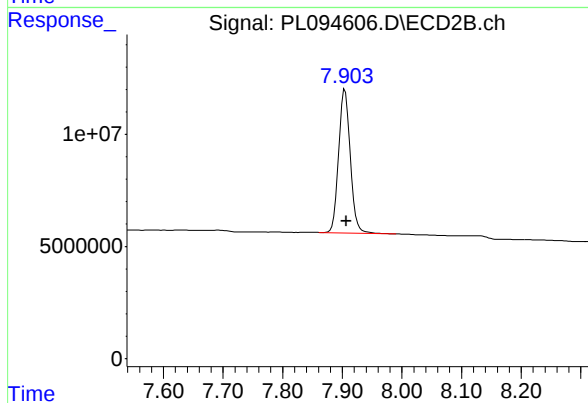
#21 Endrin ketone

R.T.: 6.832 min
Delta R.T.: -0.004 min
Response: 14192194
Conc: 2.97 ng/ml m



#28 Decachlorobiphenyl

R.T.: 9.052 min
Delta R.T.: -0.004 min
Response: 46872996
Conc: 22.24 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.905 min
Delta R.T.: -0.002 min
Response: 87094330
Conc: 21.56 ng/ml