

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL112123\
 Data File : PL086772.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 21 Nov 2023 09:41
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 11/22/2023
 Supervised By :Ankita Jodhani 11/22/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 21 20:14:47 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL110823.M
 Quant Title : GC Extractables
 QLast Update : Wed Nov 08 13:04:14 2023
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR1
 Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x0.5µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds							
1)	SA Tetrachlo...	3.352	2.617	61170279	18501719	18.839	18.790
28)	SA Decachlor...	8.850	7.765	52262773	24078070	17.855	19.939
Target Compounds							
2)	A alpha-BHC	3.805	3.114	42563917	11511297	8.848	8.636
3)	MA gamma-BHC...	4.137	3.442	41056669	11392183	8.727	8.584
6)	B beta-BHC	4.341	3.744	19953157	6545870	9.865	10.982
12)	B 4,4'-DDE	6.012	5.070	846066	175868	0.244m	0.171m#
14)	MA Endrin	6.383	5.465	141.7E6	50884594	41.139	46.456
16)	A 4,4'-DDD	6.532	5.629	4733289	1529877	1.778m	1.796
17)	MA 4,4'-DDT	6.848	5.879	277.5E6	105.3E6	93.601	107.745
18)	B Endrin al...	6.737	5.945	4718017	3459643	1.780	3.693 #
20)	A Methoxychlor	7.334	6.464	354.3E6	144.6E6	222.021	241.756
21)	B Endrin ke...	7.454	6.670	7631667	3768677	2.239	2.941 #

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

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Acq On : 21 Nov 2023 09:41
Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

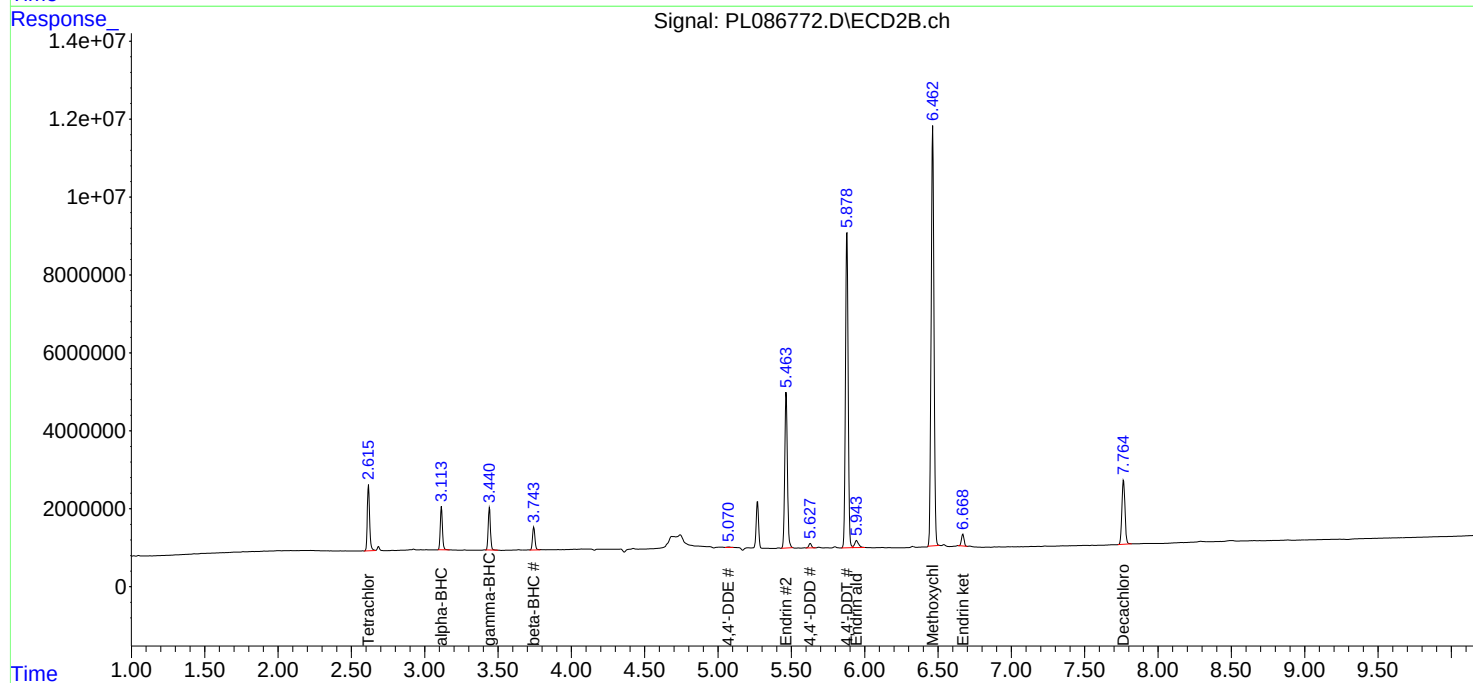
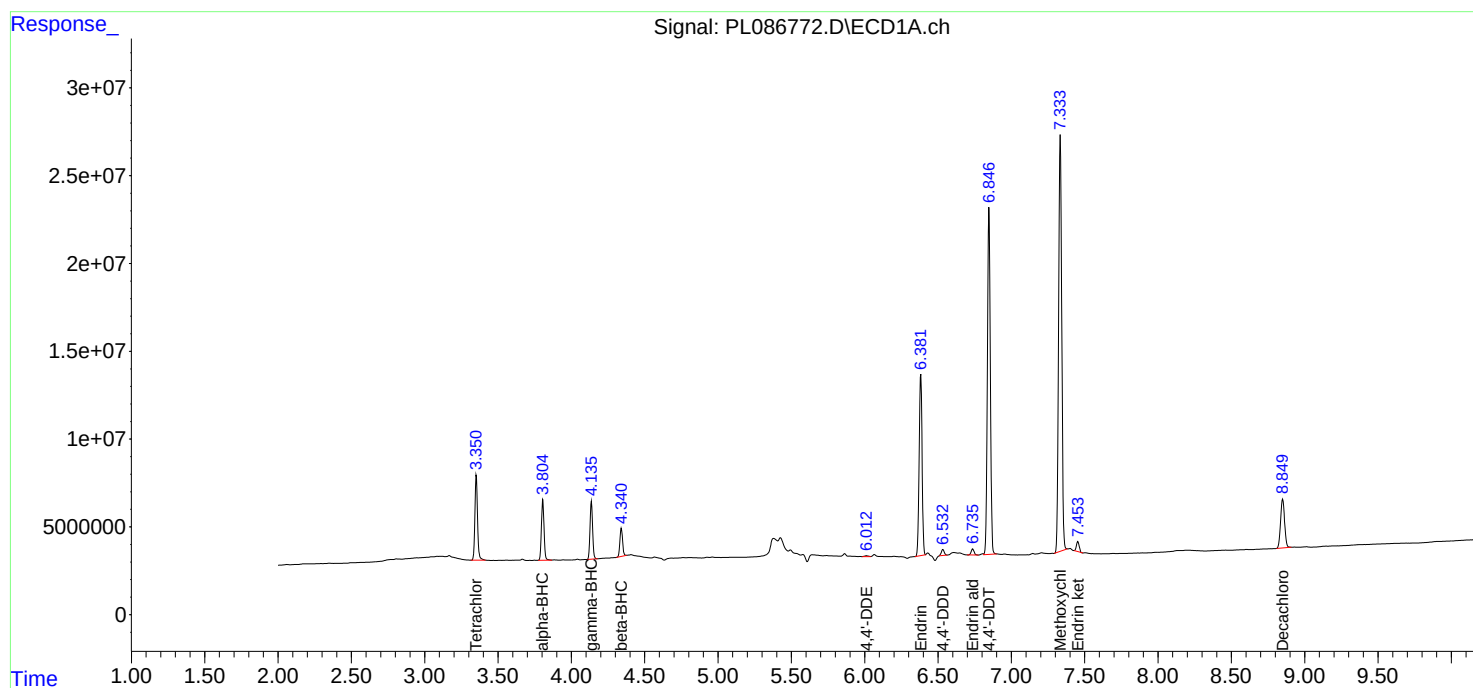
Instrument :
ECD_L
ClientSampleId :
PEM

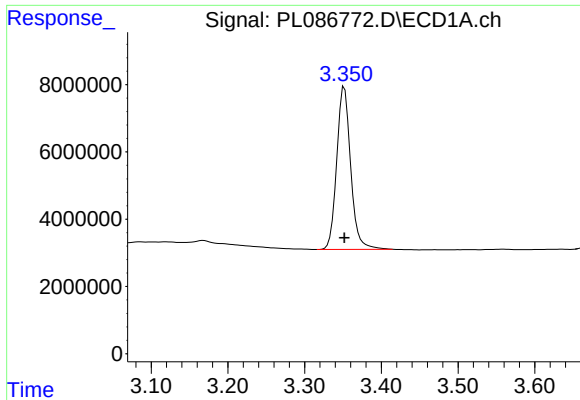
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Integration File signal 1: autoint1.e
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Quant Title : GC Extractables
QLast Update : Wed Nov 08 13:04:14 2023
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x0.5µm





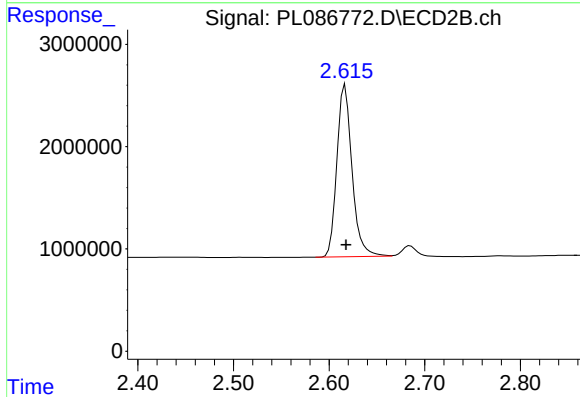
#1 Tetrachloro-m-xylene

R.T.: 3.352 min
Delta R.T.: 0.000 min
Response: 61170279
Conc: 18.84 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

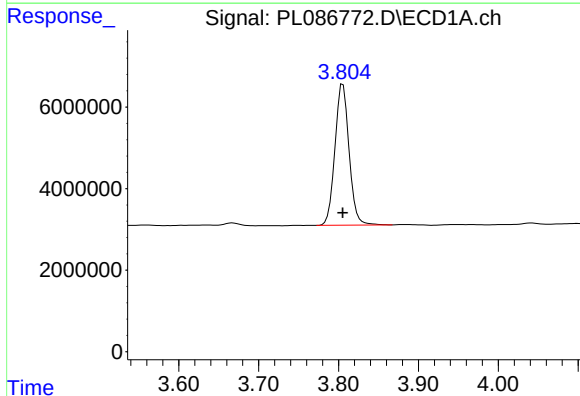
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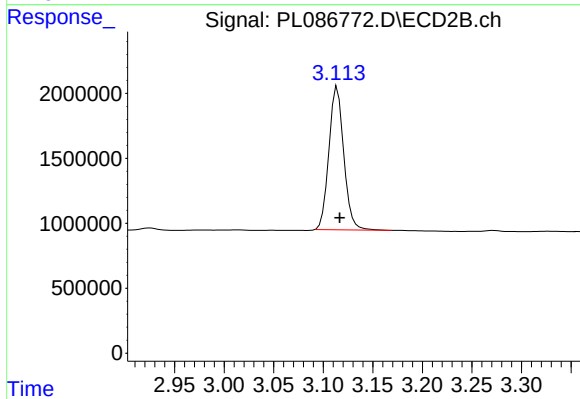
#1 Tetrachloro-m-xylene

R.T.: 2.617 min
Delta R.T.: -0.001 min
Response: 18501719
Conc: 18.79 ng/ml



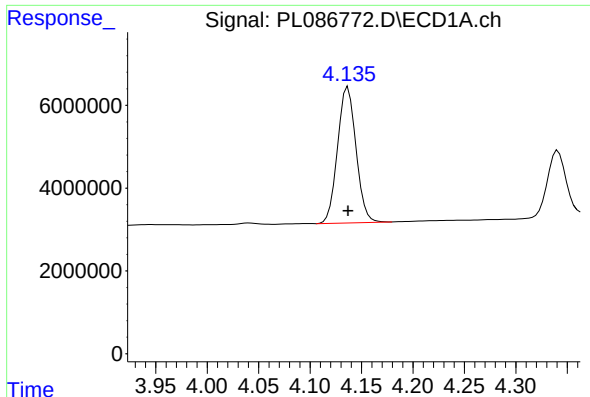
#2 alpha-BHC

R.T.: 3.805 min
Delta R.T.: 0.000 min
Response: 42563917
Conc: 8.85 ng/ml



#2 alpha-BHC

R.T.: 3.114 min
Delta R.T.: -0.002 min
Response: 11511297
Conc: 8.64 ng/ml



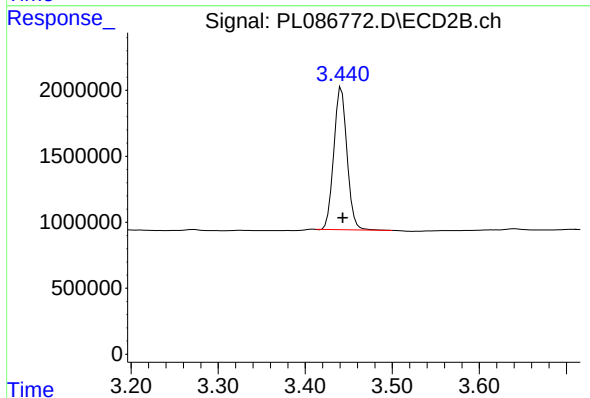
#3 gamma-BHC (Lindane)

R.T.: 4.137 min
Delta R.T.: 0.000 min
Response: 41056669
Conc: 8.73 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

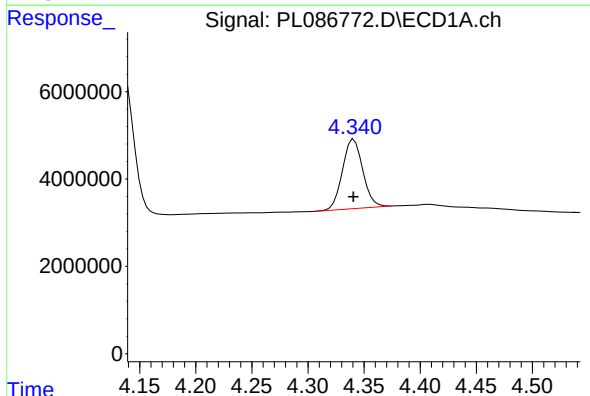
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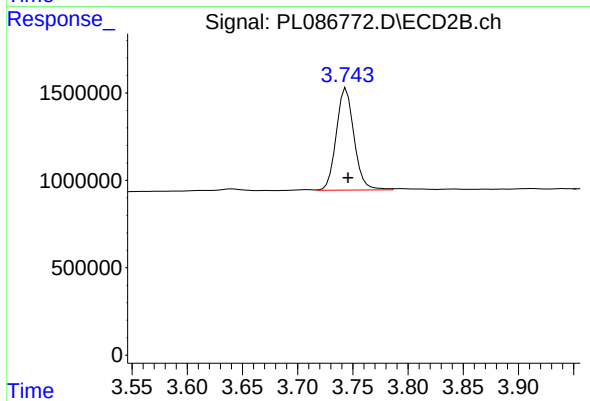
#3 gamma-BHC (Lindane)

R.T.: 3.442 min
Delta R.T.: -0.002 min
Response: 11392183
Conc: 8.58 ng/ml



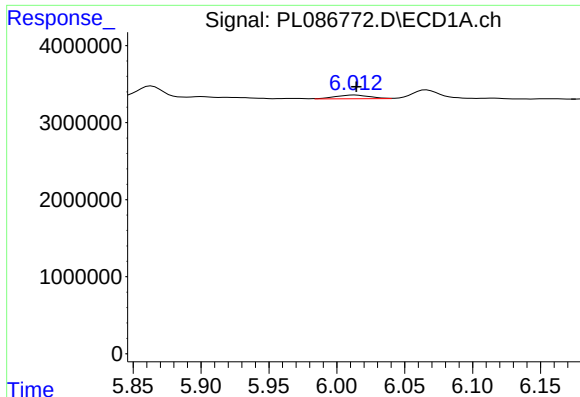
#6 beta-BHC

R.T.: 4.341 min
Delta R.T.: 0.000 min
Response: 19953157
Conc: 9.87 ng/ml



#6 beta-BHC

R.T.: 3.744 min
Delta R.T.: -0.002 min
Response: 6545870
Conc: 10.98 ng/ml



#12 4,4'-DDE

R.T.: 6.012 min
Delta R.T.: -0.002 min
Response: 846066
Conc: 0.24 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

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#12 4,4'-DDE

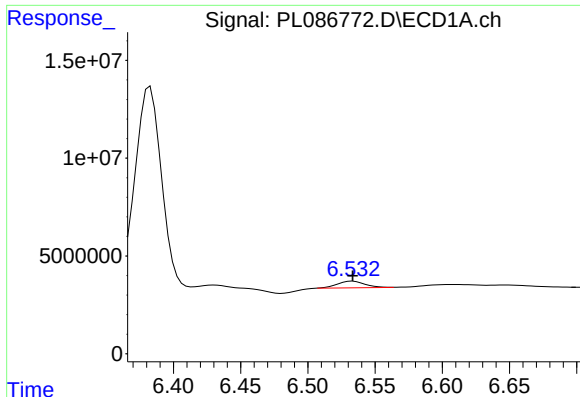
R.T.: 5.070 min
Delta R.T.: -0.005 min
Response: 175868
Conc: 0.17 ng/ml m

#14 Endrin

R.T.: 6.383 min
Delta R.T.: 0.000 min
Response: 141696307
Conc: 41.14 ng/ml

#14 Endrin

R.T.: 5.465 min
Delta R.T.: -0.002 min
Response: 50884594
Conc: 46.46 ng/ml



#16 4,4'-DDD

R.T.: 6.532 min
Delta R.T.: -0.001 min
Response: 4733289
Conc: 1.78 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

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#16 4,4'-DDD

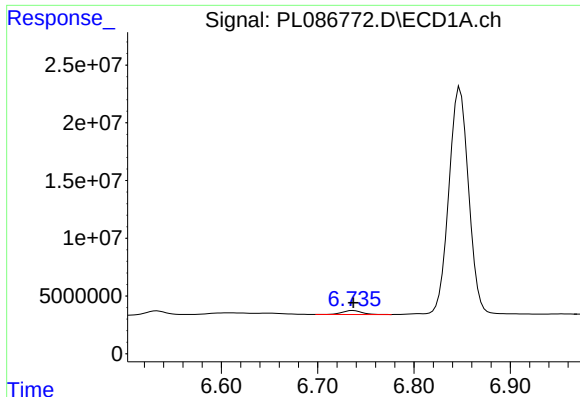
R.T.: 5.629 min
Delta R.T.: -0.002 min
Response: 1529877
Conc: 1.80 ng/ml

#17 4,4'-DDT

R.T.: 6.848 min
Delta R.T.: 0.000 min
Response: 277462087
Conc: 93.60 ng/ml

#17 4,4'-DDT

R.T.: 5.879 min
Delta R.T.: -0.002 min
Response: 105328632
Conc: 107.74 ng/ml



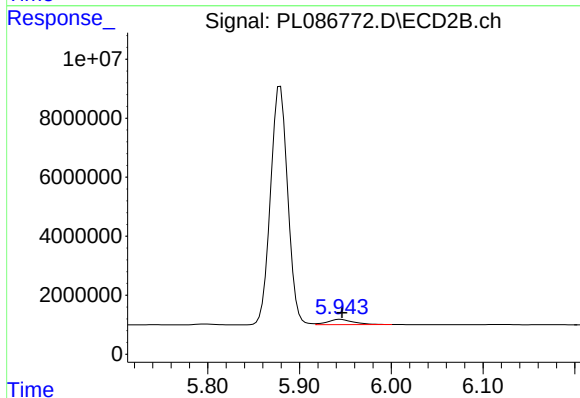
#18 Endrin aldehyde

R.T.: 6.737 min
Delta R.T.: 0.000 min
Response: 4718017
Conc: 1.78 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

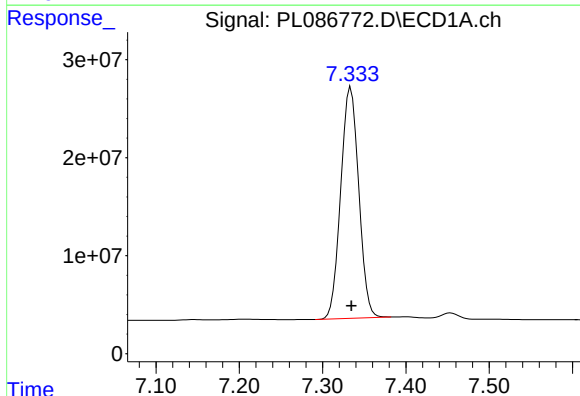
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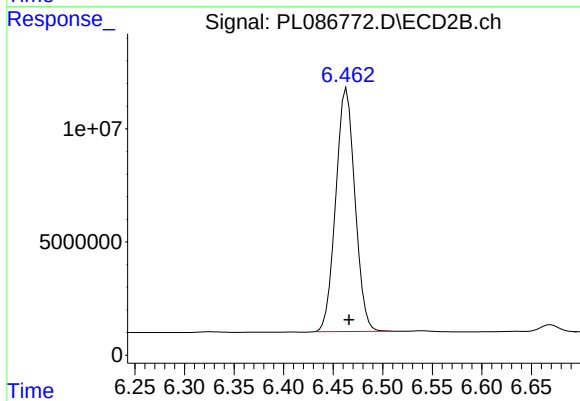
#18 Endrin aldehyde

R.T.: 5.945 min
Delta R.T.: -0.002 min
Response: 3459643
Conc: 3.69 ng/ml



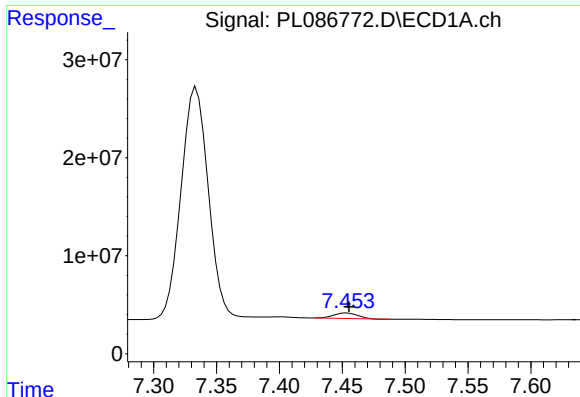
#20 Methoxychlor

R.T.: 7.334 min
Delta R.T.: 0.000 min
Response: 354317116
Conc: 222.02 ng/ml



#20 Methoxychlor

R.T.: 6.464 min
Delta R.T.: -0.003 min
Response: 144610765
Conc: 241.76 ng/ml



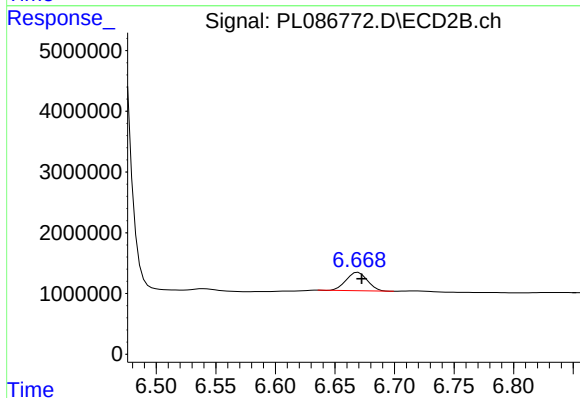
#21 Endrin ketone

R.T.: 7.454 min
Delta R.T.: -0.002 min
Response: 7631667
Conc: 2.24 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

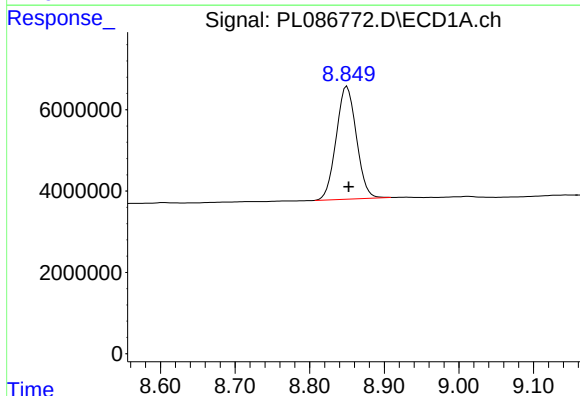
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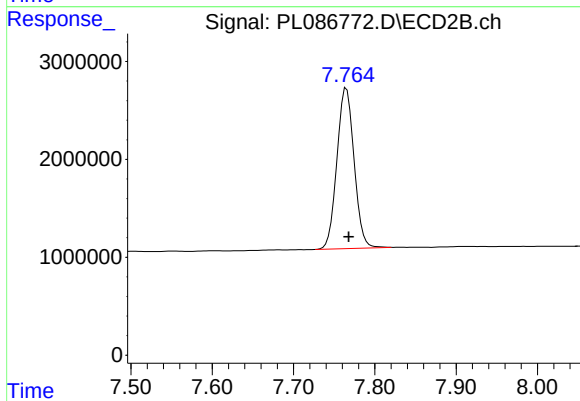
#21 Endrin ketone

R.T.: 6.670 min
Delta R.T.: -0.003 min
Response: 3768677
Conc: 2.94 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.850 min
Delta R.T.: -0.002 min
Response: 52262773
Conc: 17.85 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.765 min
Delta R.T.: -0.003 min
Response: 24078070
Conc: 19.94 ng/ml