

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL022124\
 Data File : PL088193.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 21 Feb 2024 21:39
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 02/26/2024
 Supervised By : Ankita Jodhani 02/26/2024

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 22 00:26:47 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL021524.M
 Quant Title : GC Extractables
 QLast Update : Fri Feb 16 21:46:54 2024
 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

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

System Monitoring Compounds							
1)	SA Tetrachlo...	3.635	2.854	60459858	30694676	22.012	21.885
28)	SA Decachlor...	9.300	8.082	47896628	28095659	24.869	22.065
Target Compounds							
2)	A alpha-BHC	4.099	3.368	41625902	20557358	9.972	10.004
3)	MA gamma-BHC...	4.438	3.705	40166179	19330942	9.919	9.653
6)	B beta-BHC	4.634	4.007	20885644	10152789	11.992	11.407
12)	B 4,4'-DDE	6.329	5.362	562550	332796	0.185m	0.209
14)	MA Endrin	6.718	5.774	125.3E6	73377428	48.199	49.077
16)	A 4,4'-DDD	6.851	5.922	10524070	6223433	4.058m	4.555m
17)	MA 4,4'-DDT	7.171	6.179	240.0E6	139.0E6	91.296	101.848
18)	B Endrin al...	7.070	6.254	5315166	3528167	2.571	3.230 #
20)	A Methoxychlor	7.650	6.763	315.0E6	176.9E6	237.984m	225.729
21)	B Endrin ke...	7.798	6.991	11009440	7488313	3.930	4.473

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

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ALS Vial : 3 Sample Multiplier: 1

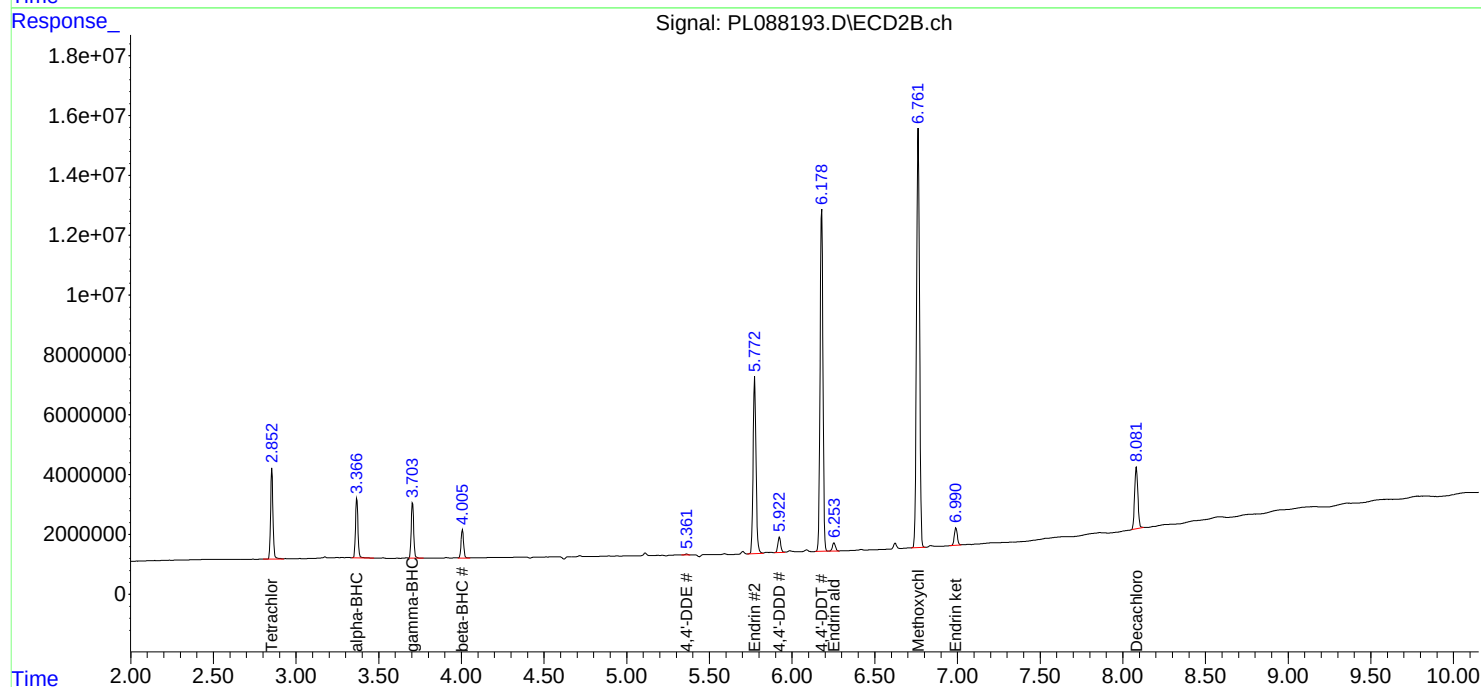
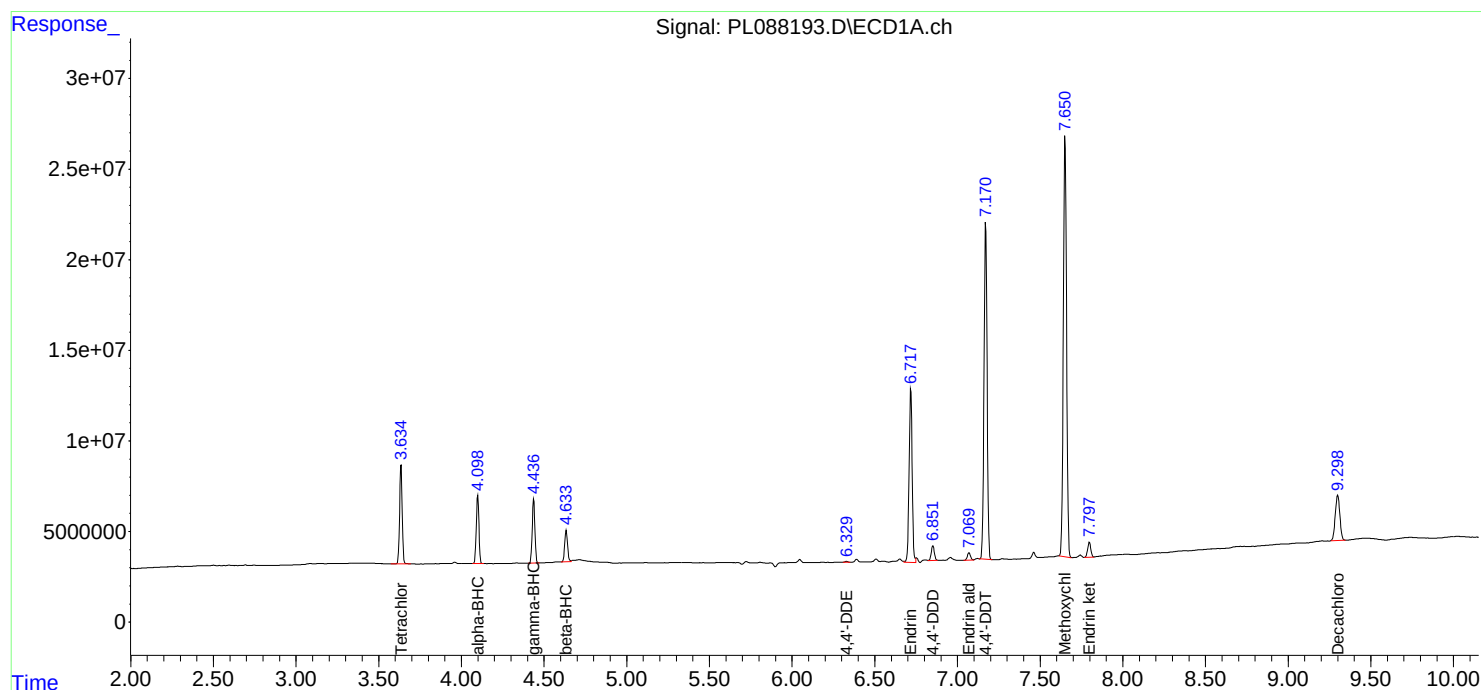
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PEM

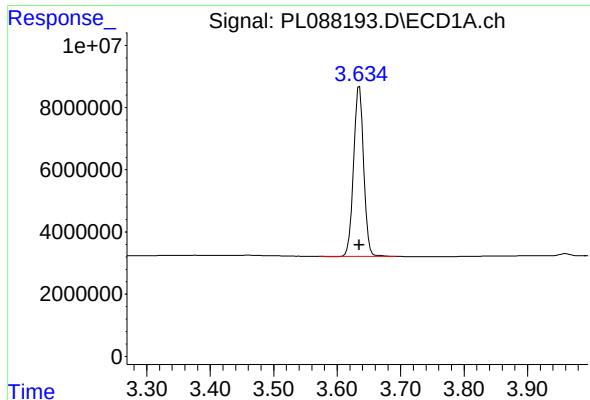
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Integration File signal 1: autoint1.e
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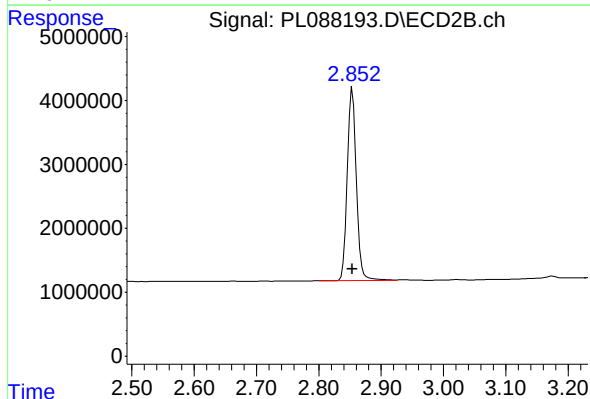
#1 Tetrachloro-m-xylene

R.T.: 3.635 min
Delta R.T.: 0.000 min
Response: 60459858
Conc: 22.01 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

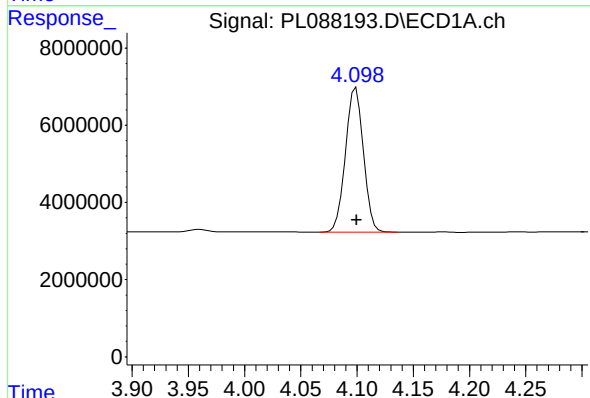
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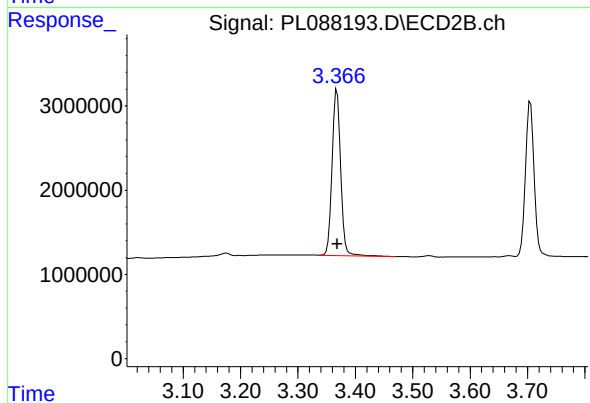
#1 Tetrachloro-m-xylene

R.T.: 2.854 min
Delta R.T.: 0.000 min
Response: 30694676
Conc: 21.89 ng/ml



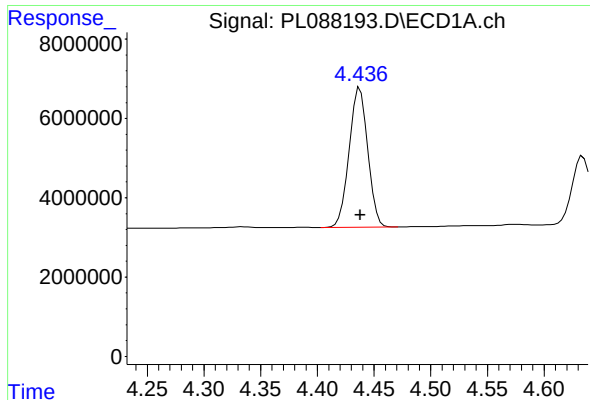
#2 alpha-BHC

R.T.: 4.099 min
Delta R.T.: 0.000 min
Response: 41625902
Conc: 9.97 ng/ml



#2 alpha-BHC

R.T.: 3.368 min
Delta R.T.: 0.000 min
Response: 20557358
Conc: 10.00 ng/ml



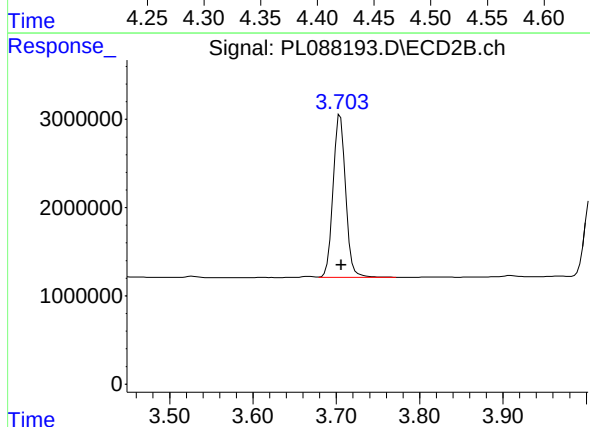
#3 gamma-BHC (Lindane)

R.T.: 4.438 min
Delta R.T.: 0.000 min
Response: 40166179
Conc: 9.92 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

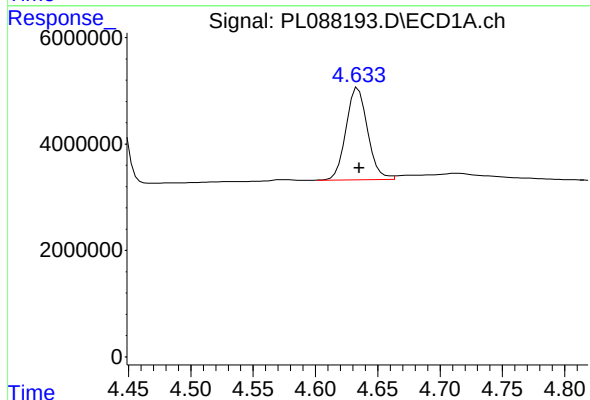
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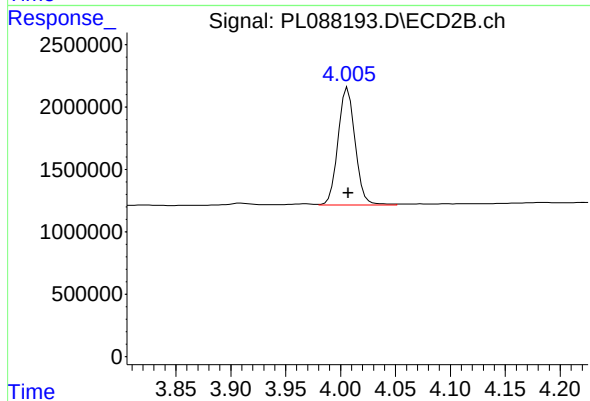
#3 gamma-BHC (Lindane)

R.T.: 3.705 min
Delta R.T.: 0.000 min
Response: 19330942
Conc: 9.65 ng/ml



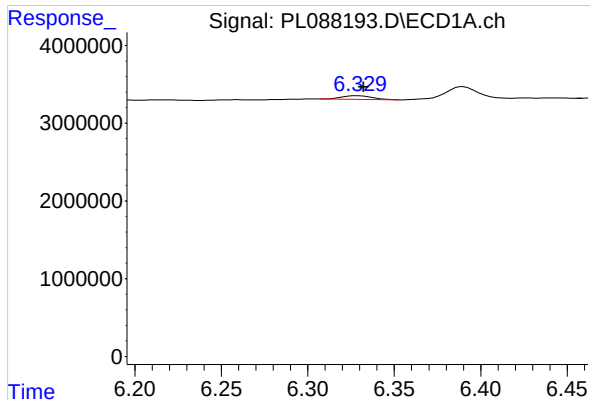
#6 beta-BHC

R.T.: 4.634 min
Delta R.T.: 0.000 min
Response: 20885644
Conc: 11.99 ng/ml



#6 beta-BHC

R.T.: 4.007 min
Delta R.T.: 0.000 min
Response: 10152789
Conc: 11.41 ng/ml



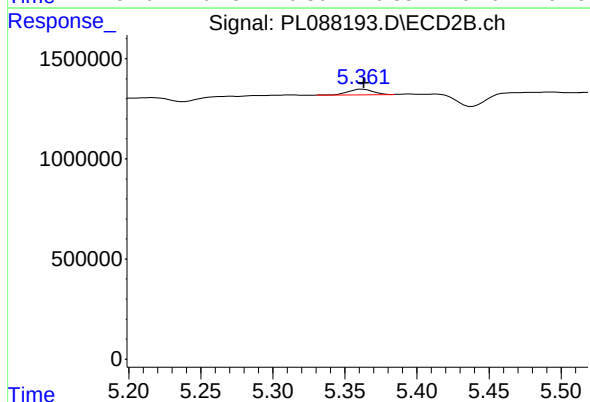
#12 4,4'-DDE

R.T.: 6.329 min
Delta R.T.: -0.003 min
Response: 562550
Conc: 0.19 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

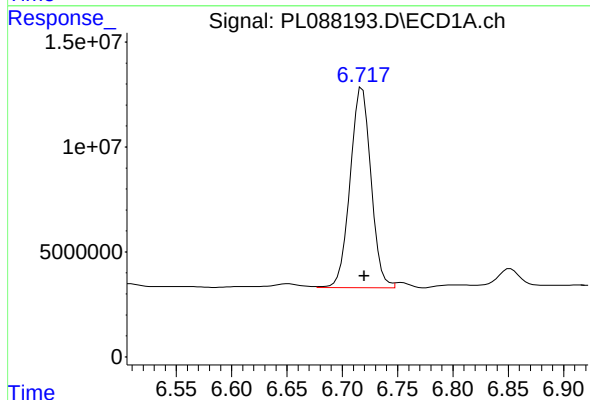
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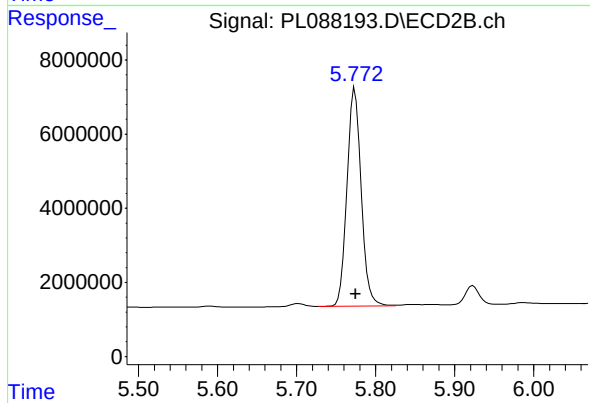
#12 4,4'-DDE

R.T.: 5.362 min
Delta R.T.: 0.000 min
Response: 332796
Conc: 0.21 ng/ml



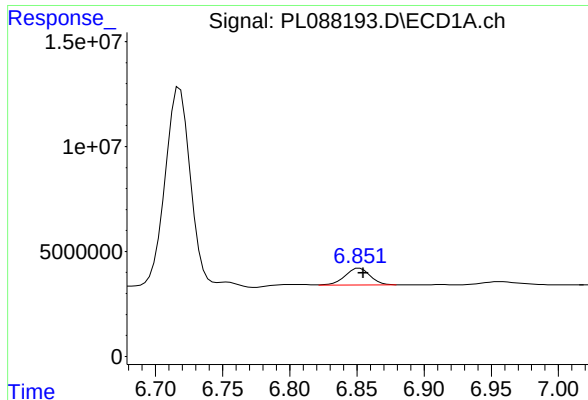
#14 Endrin

R.T.: 6.718 min
Delta R.T.: -0.002 min
Response: 125347566
Conc: 48.20 ng/ml



#14 Endrin

R.T.: 5.774 min
Delta R.T.: -0.001 min
Response: 73377428
Conc: 49.08 ng/ml



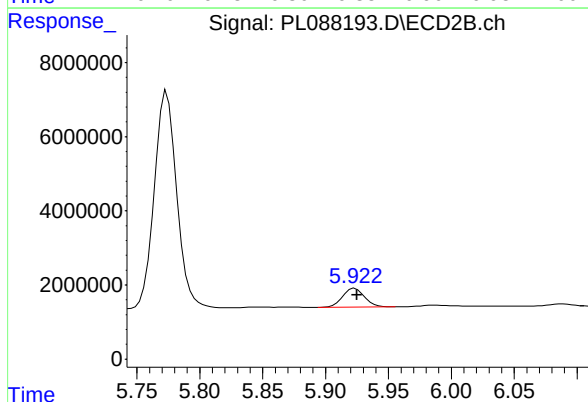
#16 4,4'-DDD

R.T.: 6.851 min
Delta R.T.: -0.004 min
Response: 10524070
Conc: 4.06 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

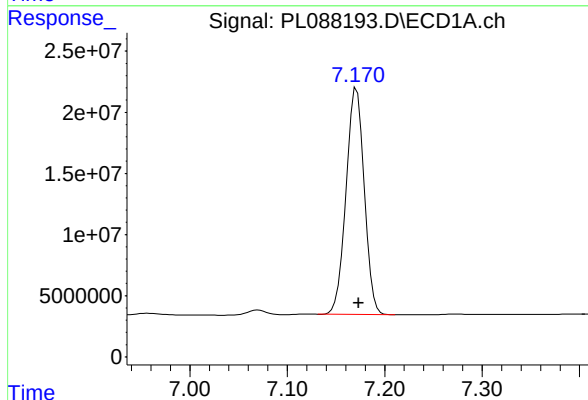
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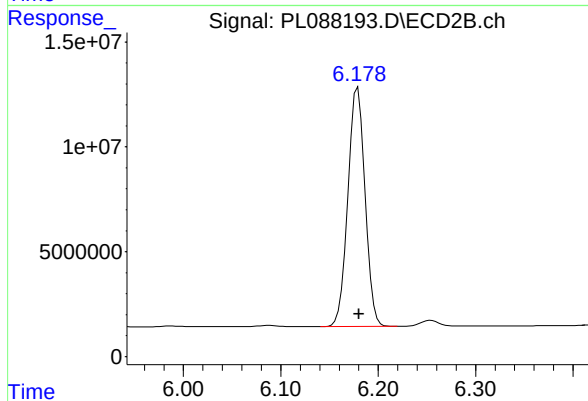
#16 4,4'-DDD

R.T.: 5.922 min
Delta R.T.: -0.003 min
Response: 6223433
Conc: 4.56 ng/ml



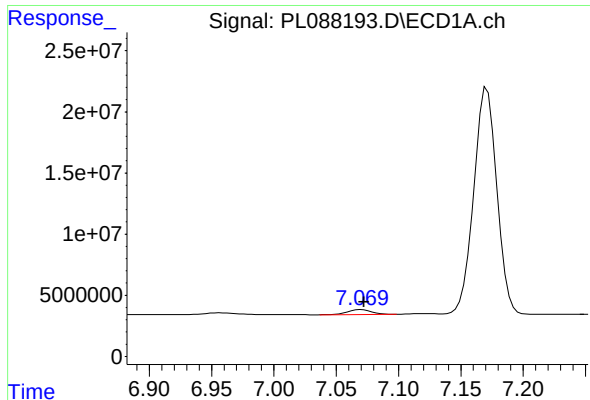
#17 4,4'-DDT

R.T.: 7.171 min
Delta R.T.: -0.002 min
Response: 240036635
Conc: 91.30 ng/ml



#17 4,4'-DDT

R.T.: 6.179 min
Delta R.T.: -0.001 min
Response: 139046432
Conc: 101.85 ng/ml



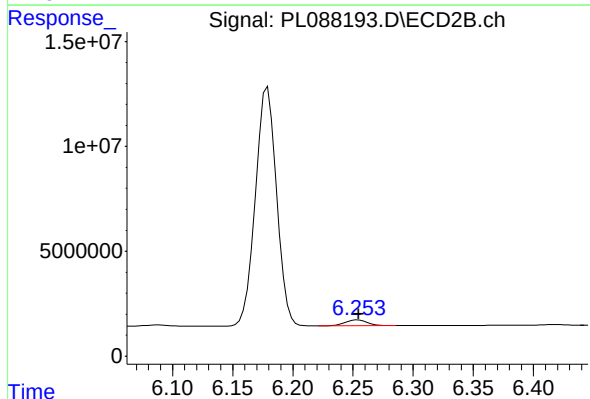
#18 Endrin aldehyde

R.T.: 7.070 min
Delta R.T.: -0.002 min
Response: 5315166
Conc: 2.57 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

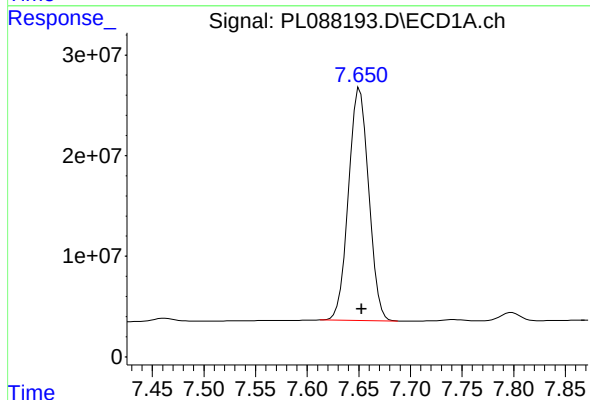
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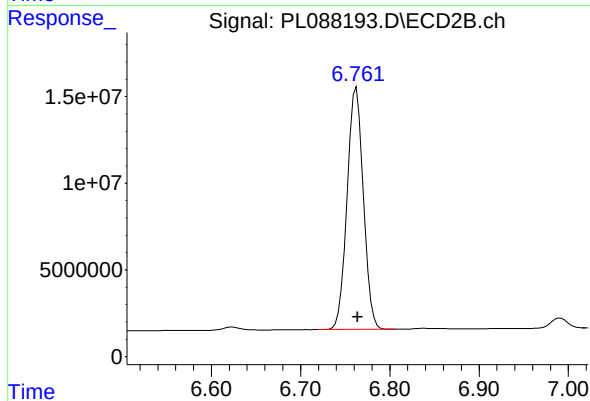
#18 Endrin aldehyde

R.T.: 6.254 min
Delta R.T.: 0.000 min
Response: 3528167
Conc: 3.23 ng/ml



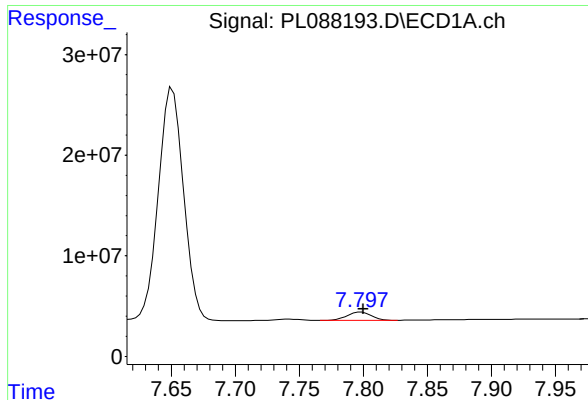
#20 Methoxychlor

R.T.: 7.650 min
Delta R.T.: -0.003 min
Response: 315022747
Conc: 237.98 ng/ml m



#20 Methoxychlor

R.T.: 6.763 min
Delta R.T.: -0.002 min
Response: 176916411
Conc: 225.73 ng/ml



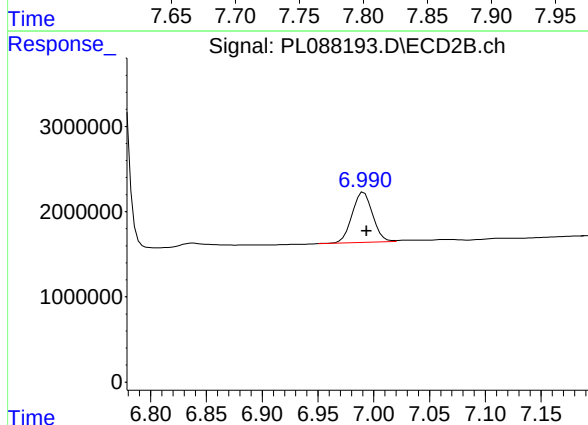
#21 Endrin ketone

R.T.: 7.798 min
Delta R.T.: -0.002 min
Response: 11009440
Conc: 3.93 ng/ml

Instrument :
ECD_L
ClientSampleId :
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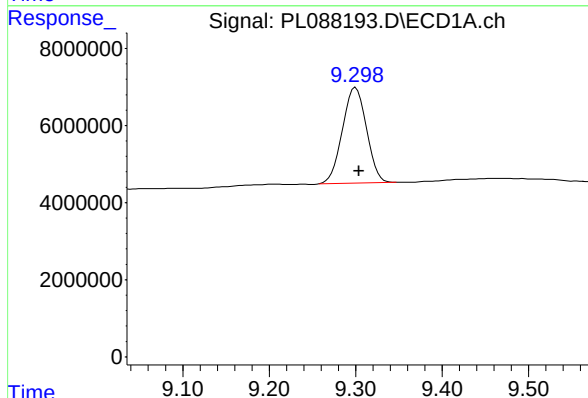
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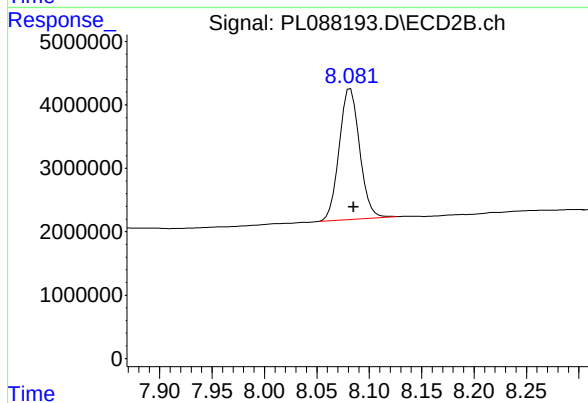
#21 Endrin ketone

R.T.: 6.991 min
Delta R.T.: -0.003 min
Response: 7488313
Conc: 4.47 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.300 min
Delta R.T.: -0.004 min
Response: 47896628
Conc: 24.87 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.082 min
Delta R.T.: -0.003 min
Response: 28095659
Conc: 22.07 ng/ml