

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL030724\
 Data File : PL088434.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 07 Mar 2024 09:26
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 03/08/2024
 Supervised By :Ankita Jodhani 03/08/2024

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 07 21:46:51 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...	3.636	2.854	57582281	28847432	20.964	20.568
28)	SA Decachlor...	9.305	8.085	48411261	28805828	25.137	22.623
Target Compounds							
2)	A alpha-BHC	4.100	3.368	39895903	19032973	9.558	9.263
3)	MA gamma-BHC...	4.439	3.705	38792148	18506278	9.579	9.241
6)	B beta-BHC	4.636	4.007	19163024	9575648	11.003	10.758
14)	MA Endrin	6.720	5.774	127.0E6	75687279	48.816	50.622
16)	A 4,4'-DDD	6.853	5.923	2957217	1499305	1.140m	1.097m
17)	MA 4,4'-DDT	7.174	6.179	264.6E6	157.9E6	100.630	115.662
18)	B Endrin al...	7.071	6.253	2860303	2165112	1.383m	1.982m#
20)	A Methoxychlor	7.655	6.763	343.7E6	200.2E6	259.681	255.441
21)	B Endrin ke...	7.801	6.991	6882776	4990667	2.457	2.981

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

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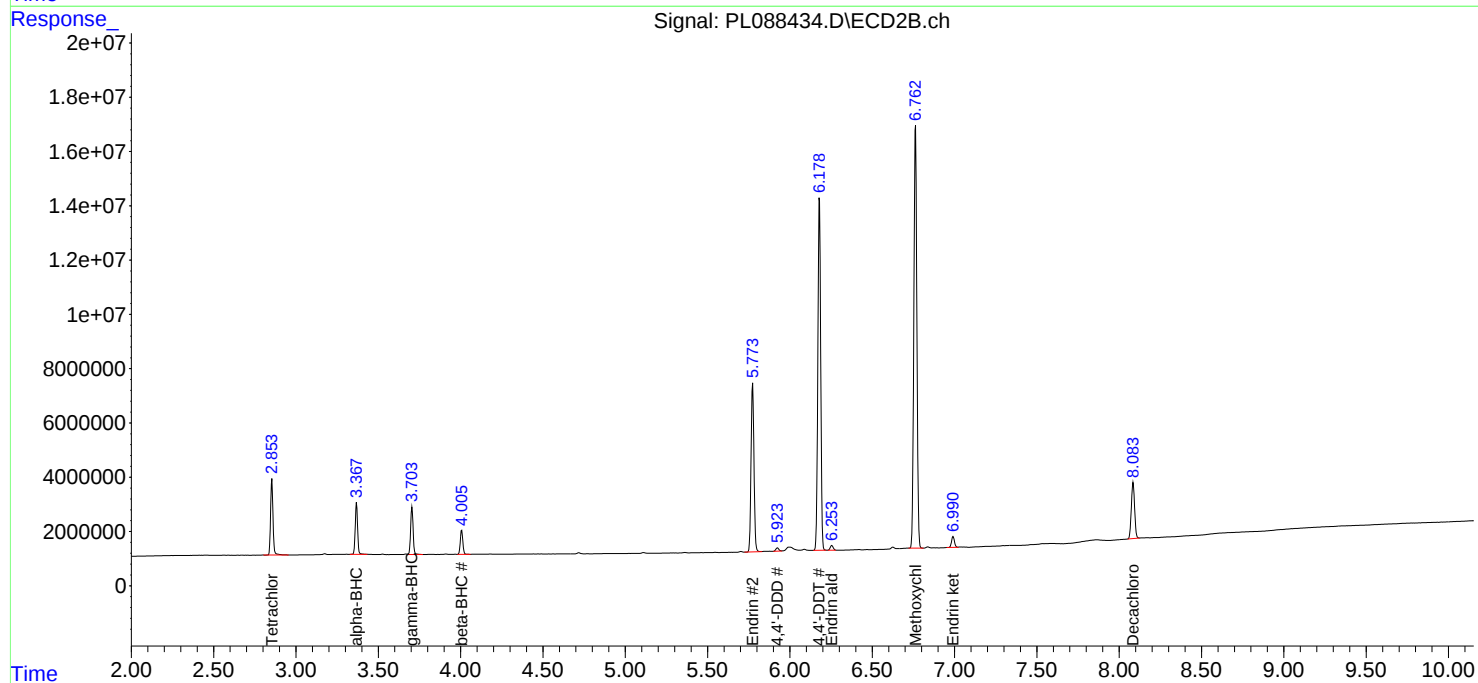
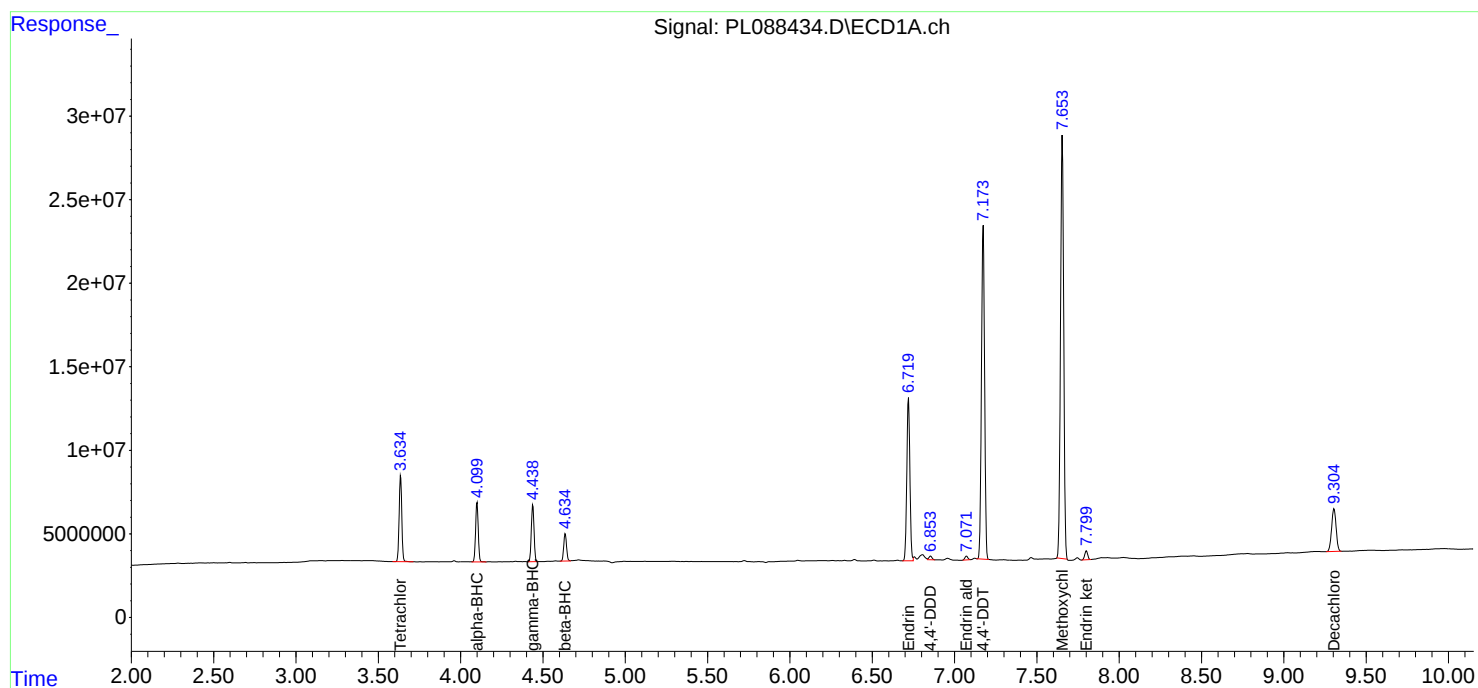
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ClientSampleId :
PEM

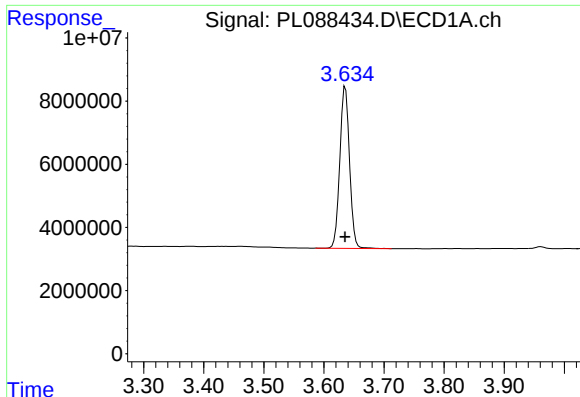
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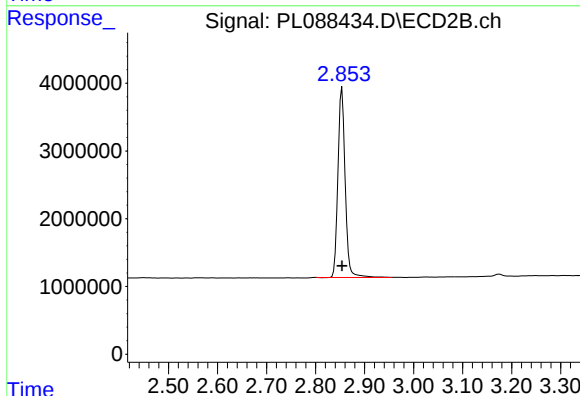
#1 Tetrachloro-m-xylene

R.T.: 3.636 min
Delta R.T.: 0.000 min
Response: 57582281
Conc: 20.96 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

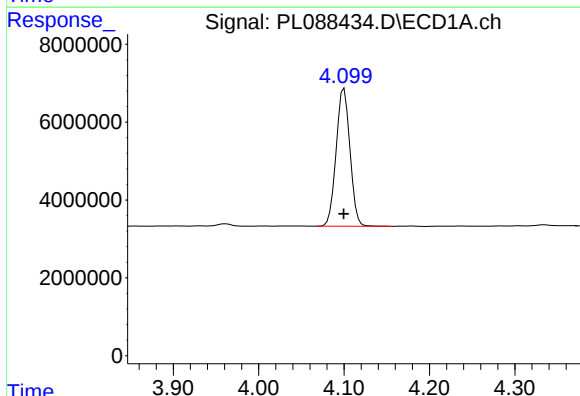
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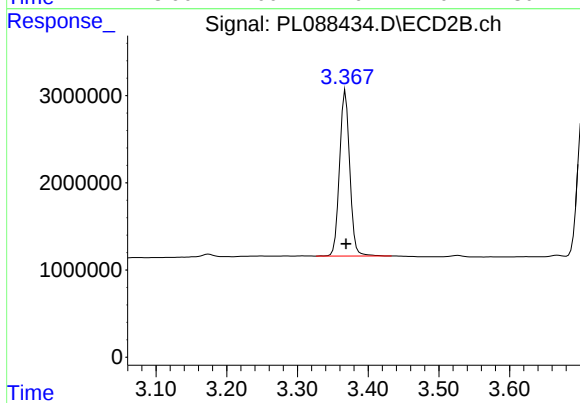
#1 Tetrachloro-m-xylene

R.T.: 2.854 min
Delta R.T.: 0.000 min
Response: 28847432
Conc: 20.57 ng/ml



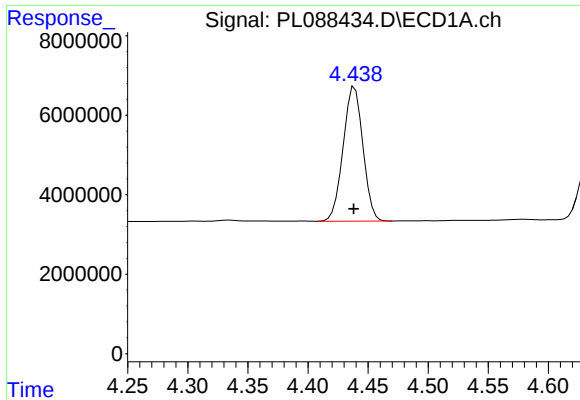
#2 alpha-BHC

R.T.: 4.100 min
Delta R.T.: 0.000 min
Response: 39895903
Conc: 9.56 ng/ml



#2 alpha-BHC

R.T.: 3.368 min
Delta R.T.: 0.000 min
Response: 19032973
Conc: 9.26 ng/ml



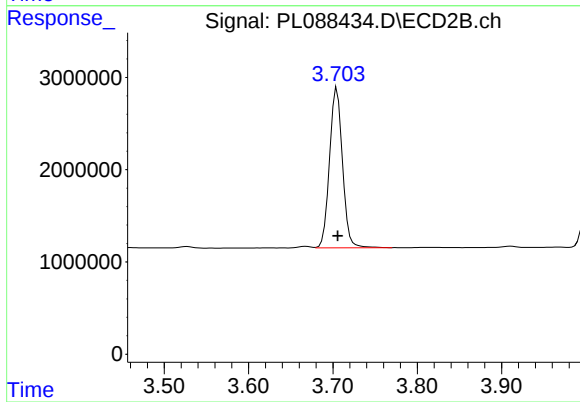
#3 gamma-BHC (Lindane)

R.T.: 4.439 min
Delta R.T.: 0.000 min
Response: 38792148
Conc: 9.58 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

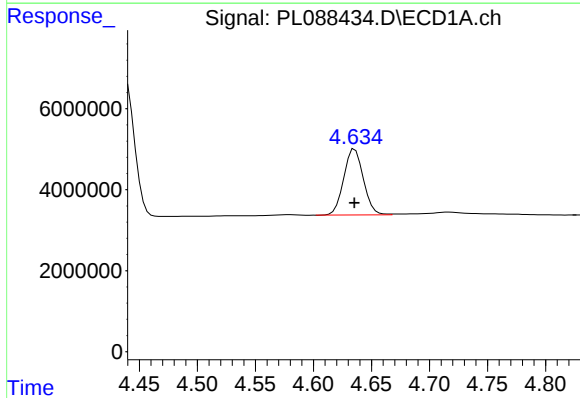
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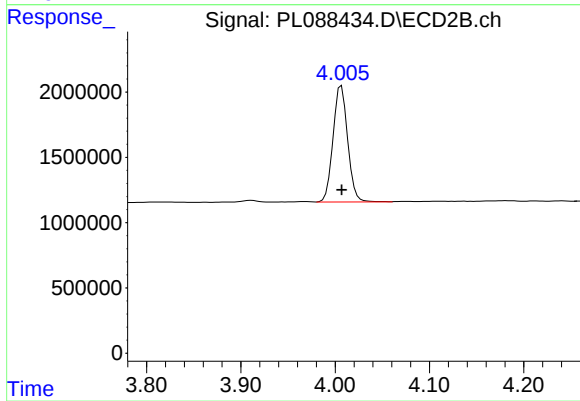
#3 gamma-BHC (Lindane)

R.T.: 3.705 min
Delta R.T.: 0.000 min
Response: 18506278
Conc: 9.24 ng/ml



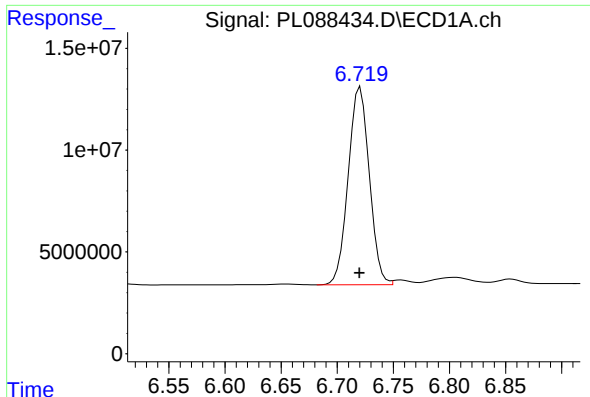
#6 beta-BHC

R.T.: 4.636 min
Delta R.T.: 0.000 min
Response: 19163024
Conc: 11.00 ng/ml



#6 beta-BHC

R.T.: 4.007 min
Delta R.T.: 0.000 min
Response: 9575648
Conc: 10.76 ng/ml



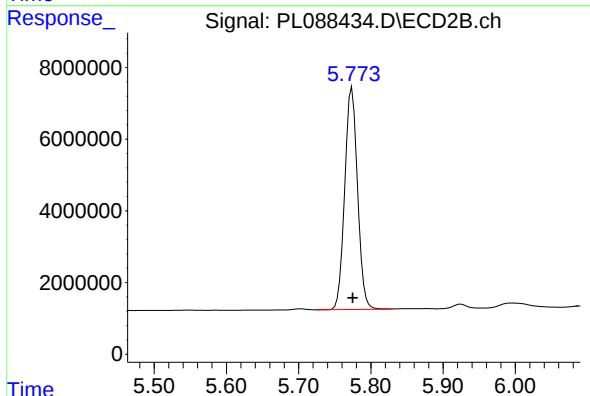
#14 Endrin

R.T.: 6.720 min
Delta R.T.: 0.000 min
Response: 126952118
Conc: 48.82 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

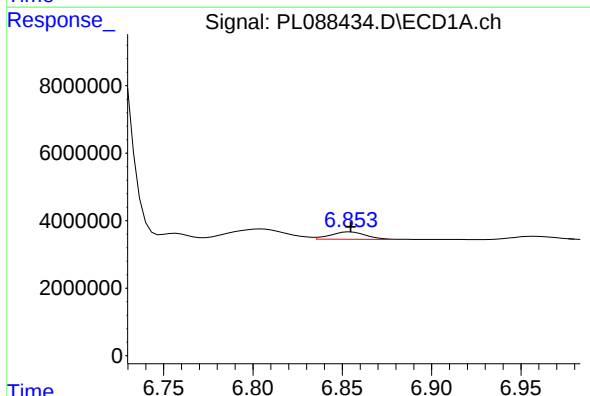
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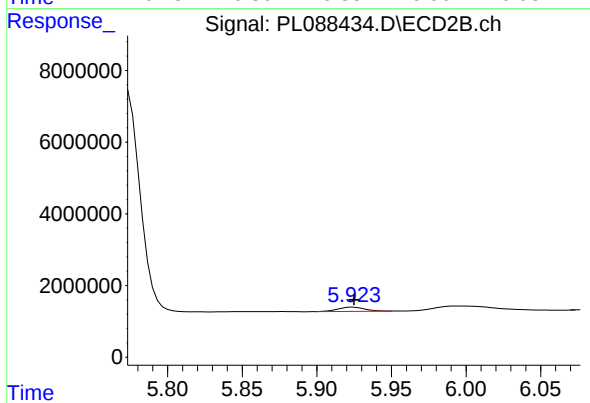
#14 Endrin

R.T.: 5.774 min
Delta R.T.: 0.000 min
Response: 75687279
Conc: 50.62 ng/ml



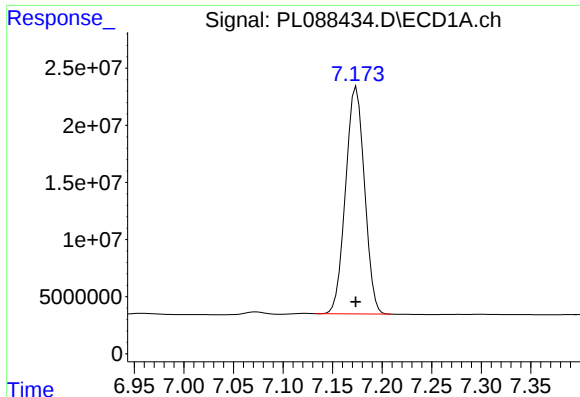
#16 4,4'-DDD

R.T.: 6.853 min
Delta R.T.: -0.001 min
Response: 2957217
Conc: 1.14 ng/ml m



#16 4,4'-DDD

R.T.: 5.923 min
Delta R.T.: -0.002 min
Response: 1499305
Conc: 1.10 ng/ml m



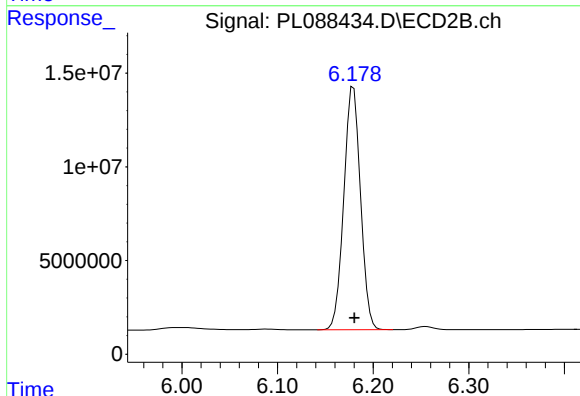
#17 4,4'-DDT

R.T.: 7.174 min
Delta R.T.: 0.000 min
Response: 264576886
Conc: 100.63 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

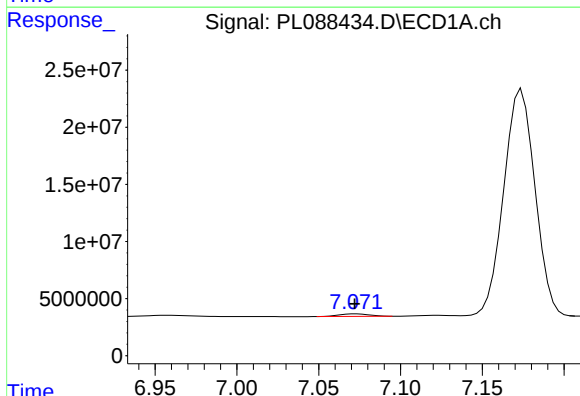
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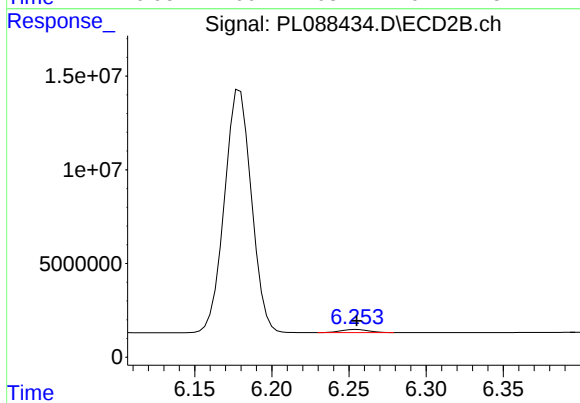
#17 4,4'-DDT

R.T.: 6.179 min
Delta R.T.: -0.001 min
Response: 157905503
Conc: 115.66 ng/ml



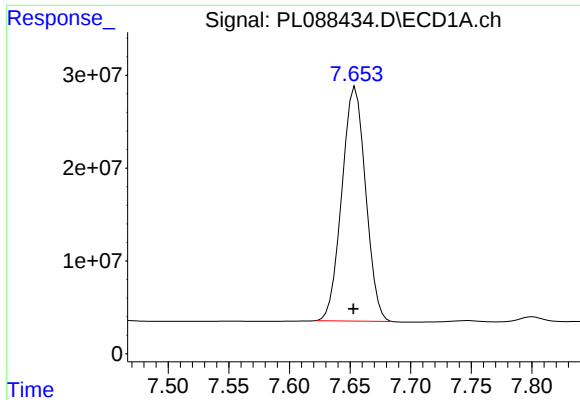
#18 Endrin aldehyde

R.T.: 7.071 min
Delta R.T.: 0.000 min
Response: 2860303
Conc: 1.38 ng/ml m



#18 Endrin aldehyde

R.T.: 6.253 min
Delta R.T.: -0.001 min
Response: 2165112
Conc: 1.98 ng/ml m



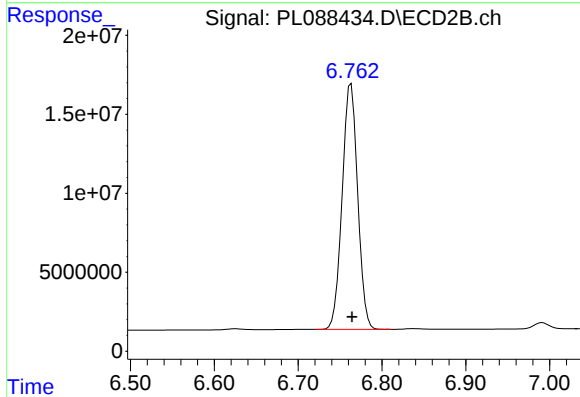
#20 Methoxychlor

R.T.: 7.655 min
Delta R.T.: 0.002 min
Response: 343742905
Conc: 259.68 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

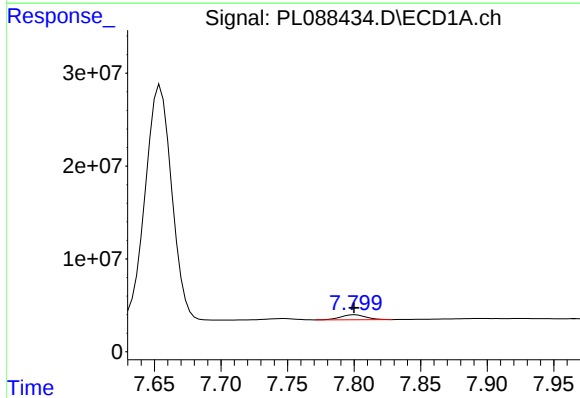
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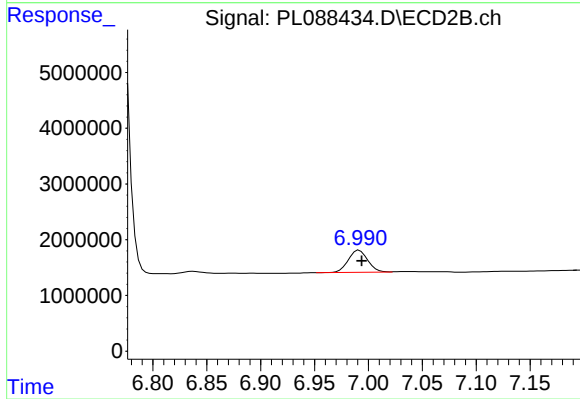
#20 Methoxychlor

R.T.: 6.763 min
Delta R.T.: 0.000 min
Response: 200203600
Conc: 255.44 ng/ml



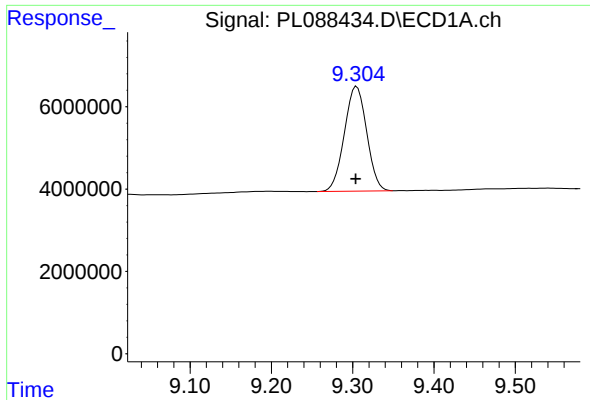
#21 Endrin ketone

R.T.: 7.801 min
Delta R.T.: 0.000 min
Response: 6882776
Conc: 2.46 ng/ml



#21 Endrin ketone

R.T.: 6.991 min
Delta R.T.: -0.002 min
Response: 4990667
Conc: 2.98 ng/ml



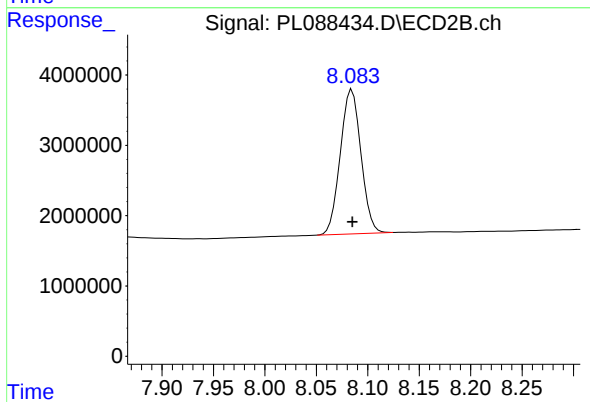
#28 Decachlorobiphenyl

R.T.: 9.305 min
Delta R.T.: 0.001 min
Response: 48411261
Conc: 25.14 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

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#28 Decachlorobiphenyl

R.T.: 8.085 min
Delta R.T.: 0.000 min
Response: 28805828
Conc: 22.62 ng/ml