

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL040824\
 Data File : PL088955.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 08 Apr 2024 12:04
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 04/09/2024
 Supervised By :Ankita Jodhani 04/09/2024

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 08 21:27:28 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL031324.M
 Quant Title : GC Extractables
 QLast Update : Wed Mar 13 15:45:55 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...	3.632	2.850	50823279	27293434	19.179	20.479
28)	SA Decachlor...	9.296	8.076	48702627	31537565	19.702	23.259
Target Compounds							
2)	A alpha-BHC	4.096	3.363	35087196	18084034	8.790	8.999m
3)	MA gamma-BHC...	4.435	3.700	34319198	17593148	8.849	9.167
6)	B beta-BHC	4.631	4.003	16453778	9084143	9.278m	10.597
14)	MA Endrin	6.714	5.768	122.5E6	74472798	44.808	51.666
16)	A 4,4'-DDD	6.848	5.918	575701	410760	0.226m	0.330m#
17)	MA 4,4'-DDT	7.168	6.173	259.5E6	157.4E6	97.362	117.244
18)	B Endrin al...	7.065	6.248	2354215	1981222	1.128m	1.891 #
20)	A Methoxychlor	7.648	6.755	349.1E6	207.1E6	231.726	258.154
21)	B Endrin ke...	7.794	6.985	5242957	3659471	1.773	2.217 #

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

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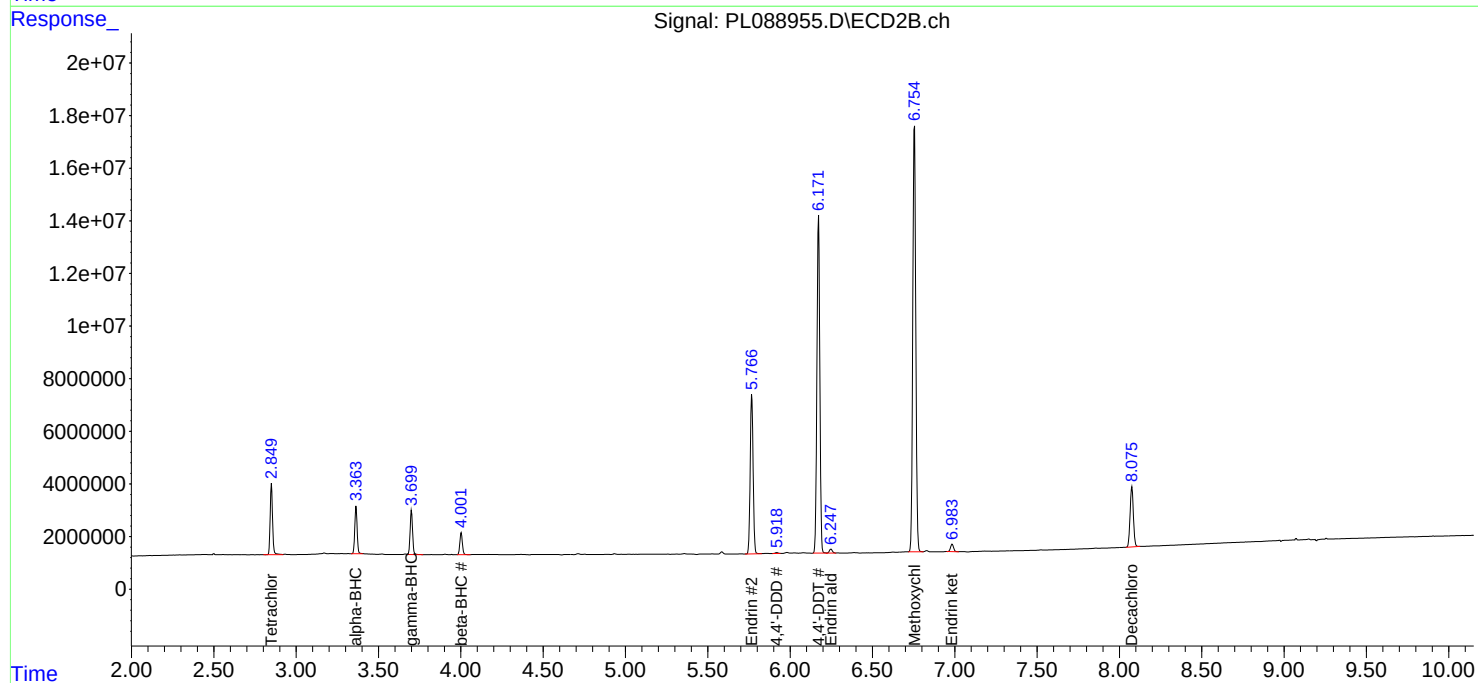
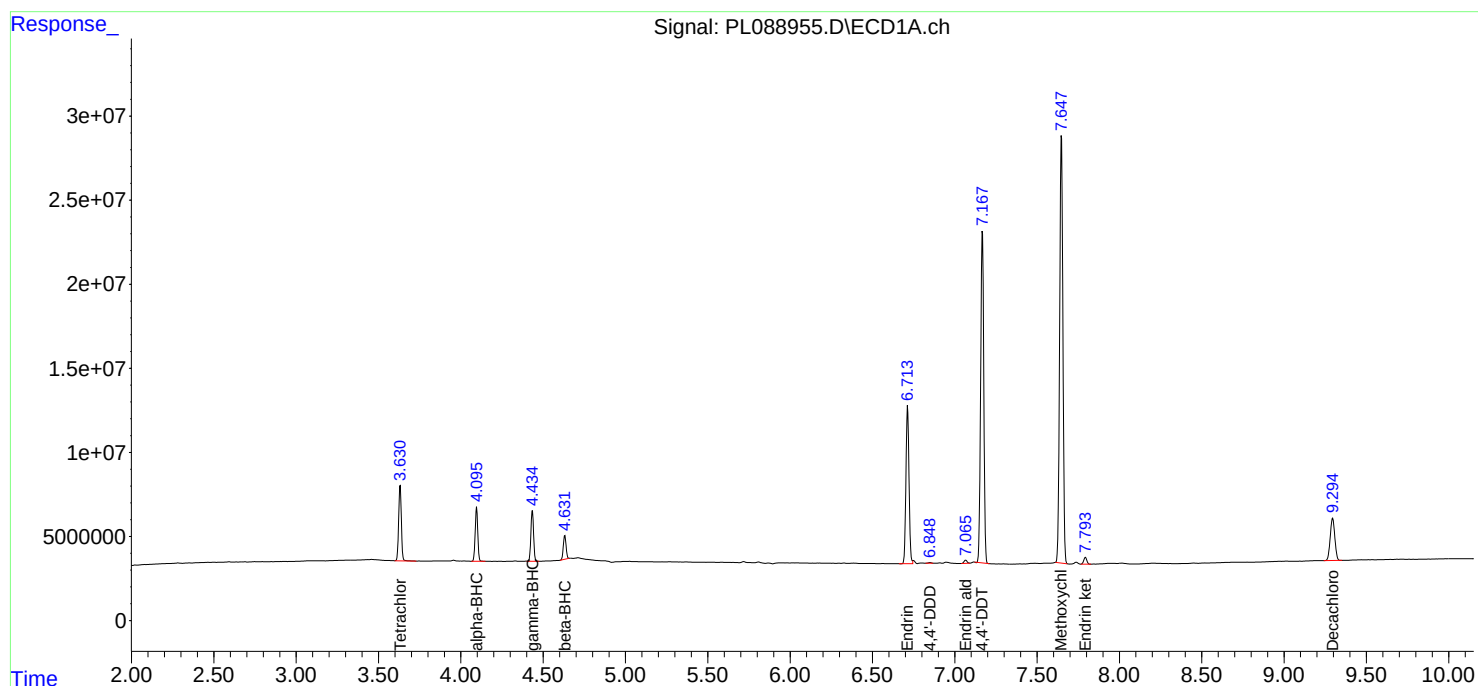
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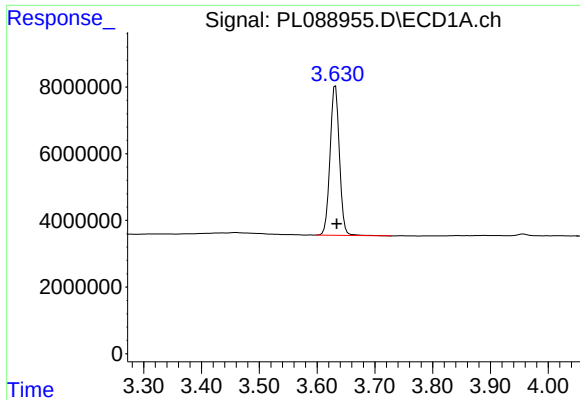
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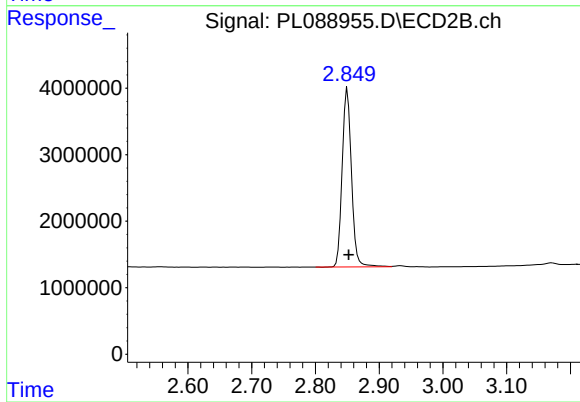
#1 Tetrachloro-m-xylene

R.T.: 3.632 min
Delta R.T.: -0.002 min
Response: 50823279
Conc: 19.18 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

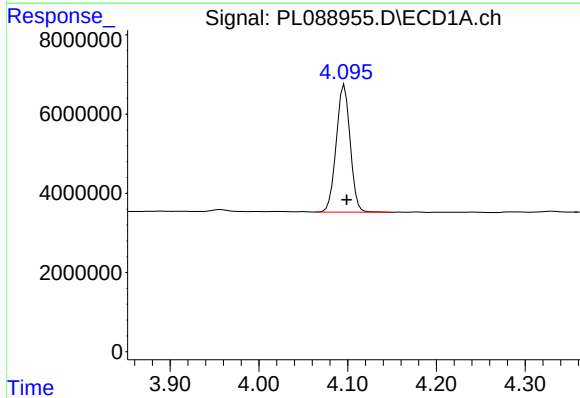
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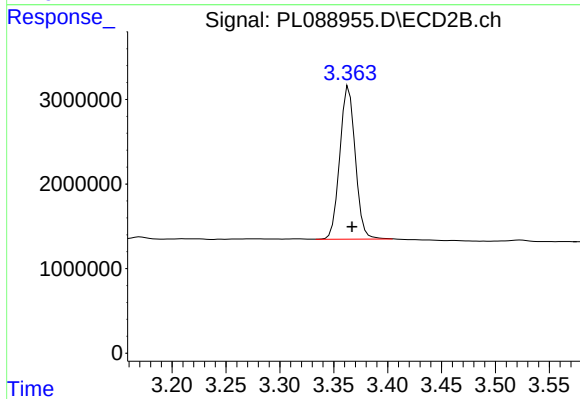
#1 Tetrachloro-m-xylene

R.T.: 2.850 min
Delta R.T.: -0.002 min
Response: 27293434
Conc: 20.48 ng/ml



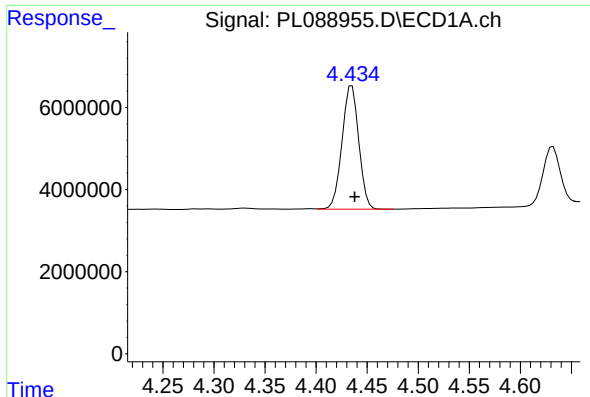
#2 alpha-BHC

R.T.: 4.096 min
Delta R.T.: -0.003 min
Response: 35087196
Conc: 8.79 ng/ml



#2 alpha-BHC

R.T.: 3.363 min
Delta R.T.: -0.004 min
Response: 18084034
Conc: 9.00 ng/ml m



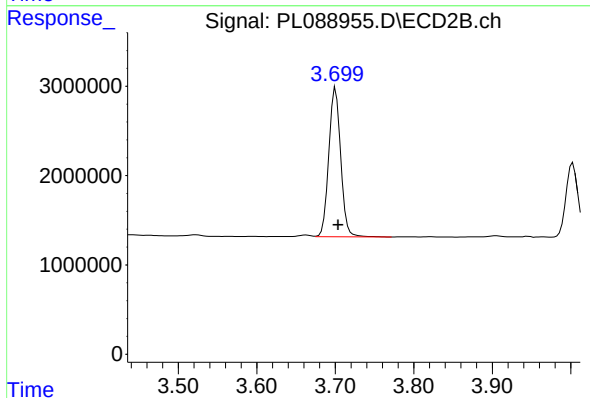
#3 gamma-BHC (Lindane)

R.T.: 4.435 min
Delta R.T.: -0.003 min
Response: 34319198
Conc: 8.85 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

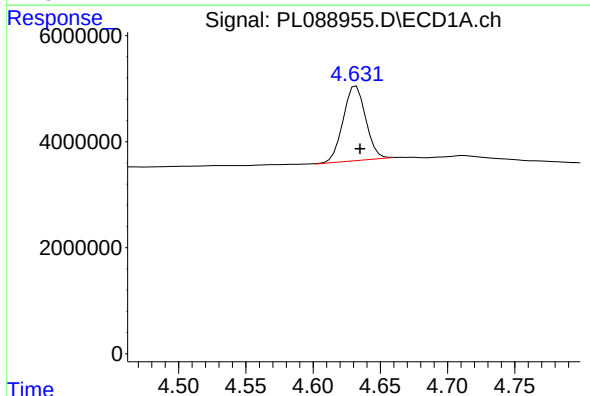
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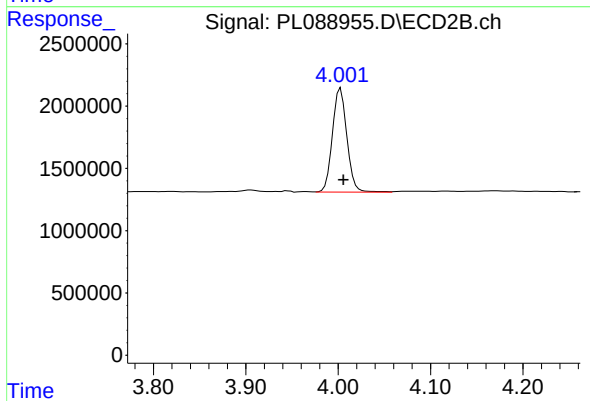
#3 gamma-BHC (Lindane)

R.T.: 3.700 min
Delta R.T.: -0.003 min
Response: 17593148
Conc: 9.17 ng/ml



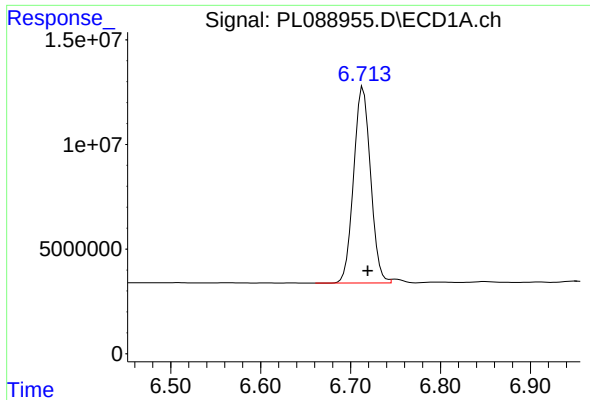
#6 beta-BHC

R.T.: 4.631 min
Delta R.T.: -0.004 min
Response: 16453778
Conc: 9.28 ng/ml m



#6 beta-BHC

R.T.: 4.003 min
Delta R.T.: -0.003 min
Response: 9084143
Conc: 10.60 ng/ml



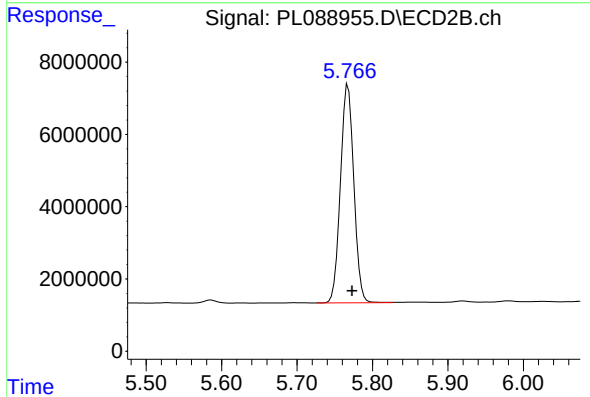
#14 Endrin

R.T.: 6.714 min
Delta R.T.: -0.005 min
Response: 122493211
Conc: 44.81 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

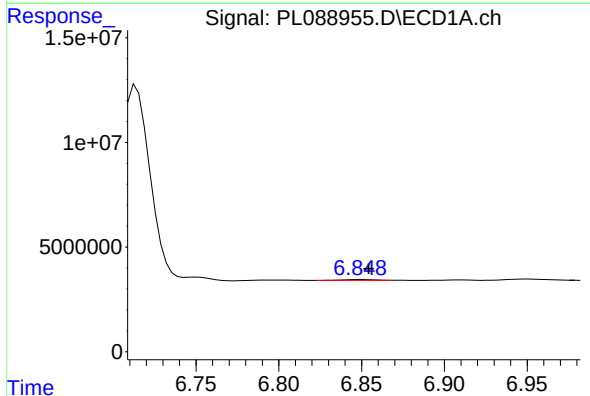
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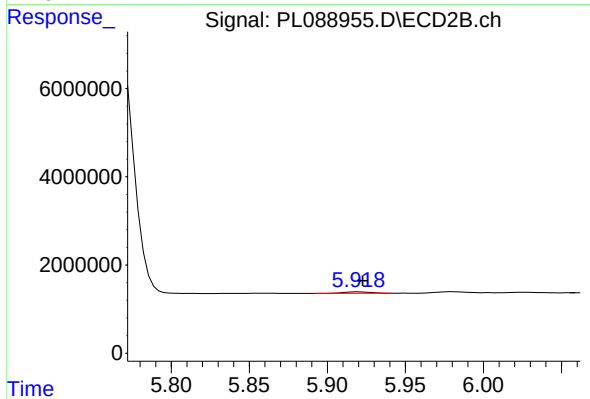
#14 Endrin

R.T.: 5.768 min
Delta R.T.: -0.005 min
Response: 74472798
Conc: 51.67 ng/ml



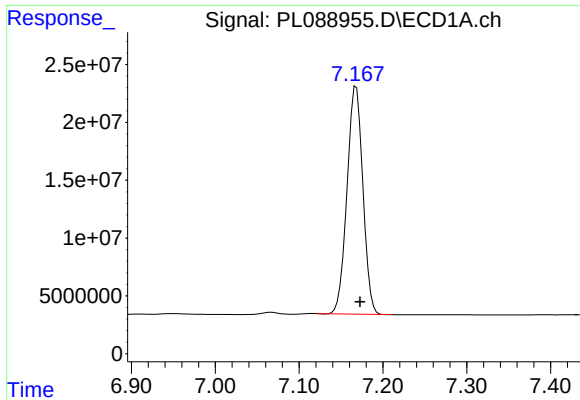
#16 4,4'-DDD

R.T.: 6.848 min
Delta R.T.: -0.007 min
Response: 575701
Conc: 0.23 ng/ml m



#16 4,4'-DDD

R.T.: 5.918 min
Delta R.T.: -0.004 min
Response: 410760
Conc: 0.33 ng/ml m



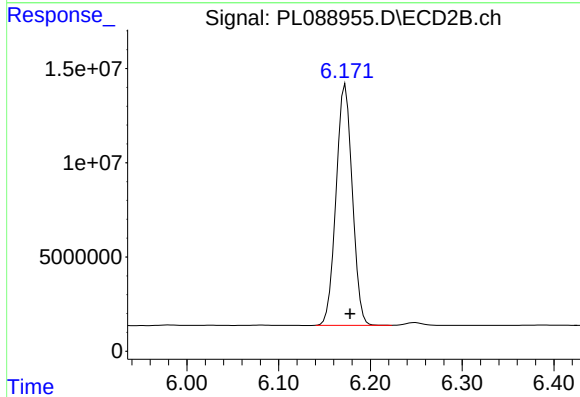
#17 4,4'-DDT

R.T.: 7.168 min
Delta R.T.: -0.005 min
Response: 259516139
Conc: 97.36 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

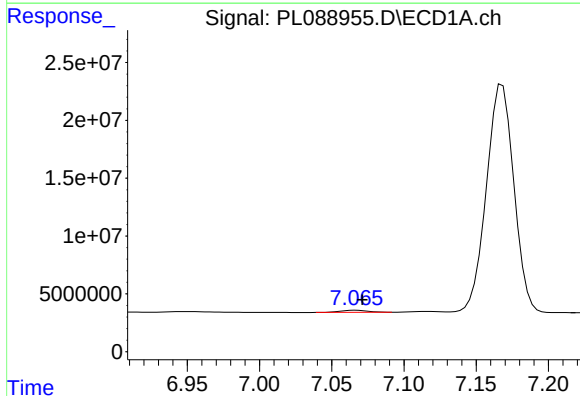
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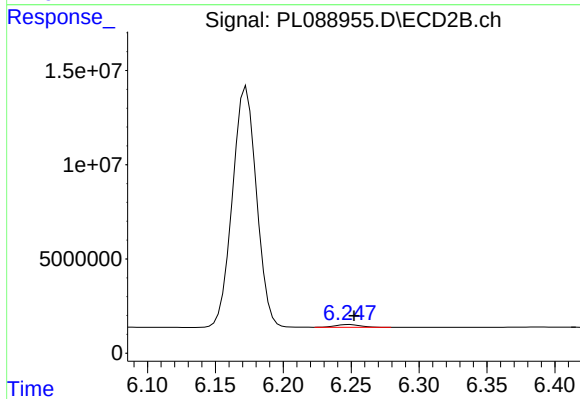
#17 4,4'-DDT

R.T.: 6.173 min
Delta R.T.: -0.005 min
Response: 157364244
Conc: 117.24 ng/ml



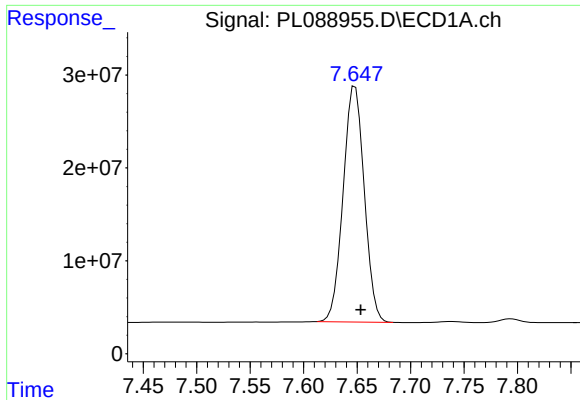
#18 Endrin aldehyde

R.T.: 7.065 min
Delta R.T.: -0.006 min
Response: 2354215
Conc: 1.13 ng/ml m



#18 Endrin aldehyde

R.T.: 6.248 min
Delta R.T.: -0.004 min
Response: 1981222
Conc: 1.89 ng/ml



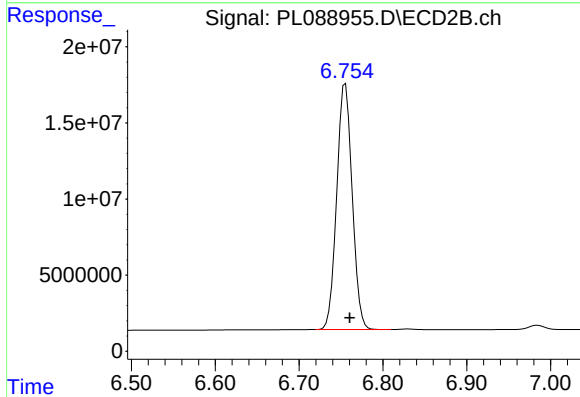
#20 Methoxychlor

R.T.: 7.648 min
Delta R.T.: -0.005 min
Response: 349097622
Conc: 231.73 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

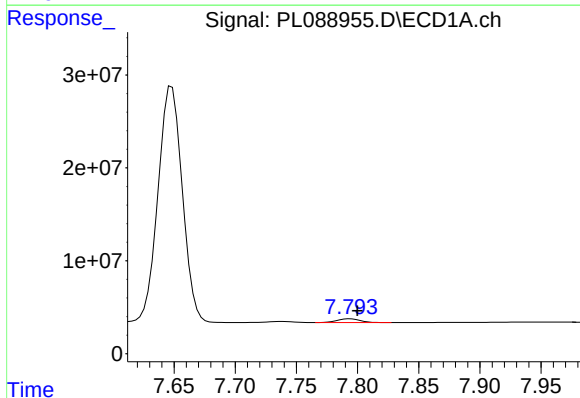
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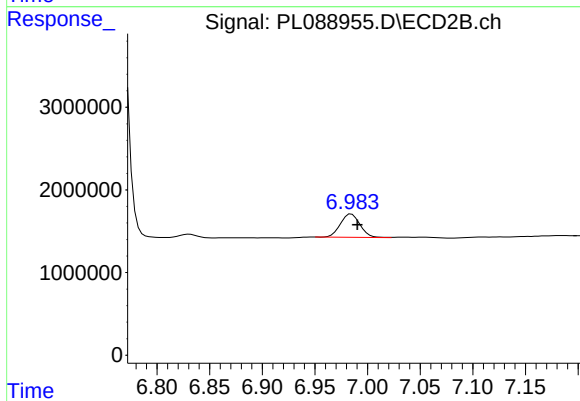
#20 Methoxychlor

R.T.: 6.755 min
Delta R.T.: -0.005 min
Response: 207057970
Conc: 258.15 ng/ml



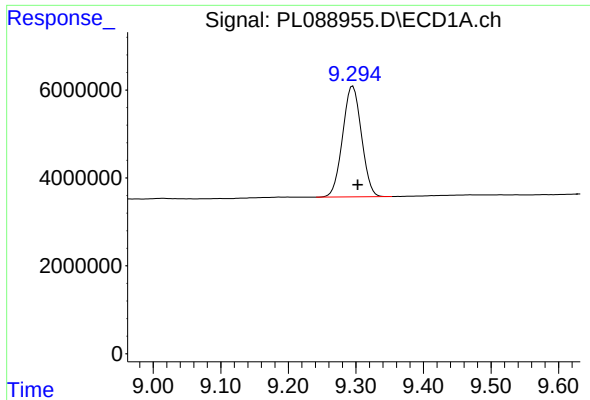
#21 Endrin ketone

R.T.: 7.794 min
Delta R.T.: -0.006 min
Response: 5242957
Conc: 1.77 ng/ml



#21 Endrin ketone

R.T.: 6.985 min
Delta R.T.: -0.006 min
Response: 3659471
Conc: 2.22 ng/ml



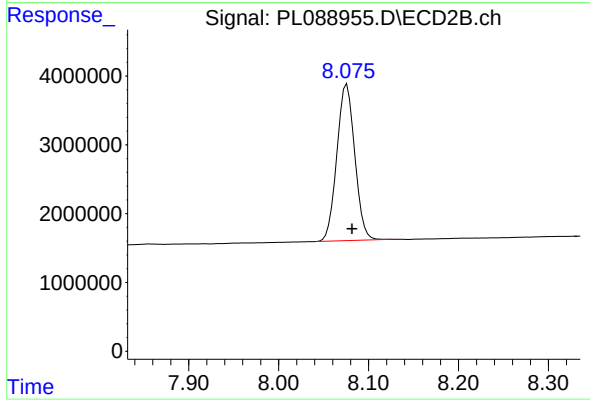
#28 Decachlorobiphenyl

R.T.: 9.296 min
Delta R.T.: -0.007 min
Response: 48702627
Conc: 19.70 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

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#28 Decachlorobiphenyl

R.T.: 8.076 min
Delta R.T.: -0.006 min
Response: 31537565
Conc: 23.26 ng/ml