

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL121818\
 Data File : PL043280.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 19 Dec 2018 09:09
 Operator : AJ\SJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PEM

Manual Integrations
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 12/19/2018 10:39:55 AM

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 19 09:33:51 2018
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL120618.M
 Quant Title : GC Extractables
 QLast Update : Fri Dec 07 00:20:08 2018
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 2 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...	3.464	4.098	147.7E6	71704924	24.083	24.193
28)	SA Decachlor...	8.199	9.228	150.3E6	63905804	23.020	24.499
Target Compounds							
2)	A alpha-BHC	3.903	4.493	105.0E6	51984767	11.104	11.492
3)	MA gamma-BHC...	4.186	4.782	94492891	49550327	10.944	11.814
6)	B beta-BHC	4.440	4.951	43098917	19979377	11.685	11.802
12)	B 4,4'-DDE	5.618	6.460	1499803	579460	0.217m	0.160m#
14)	MA Endrin	6.007	6.832	416.0E6	168.6E6	57.778	54.020
16)	A 4,4'-DDD	6.136	6.949	17092987	13089612	3.014	4.464 #
17)	MA 4,4'-DDT	6.374	7.249	733.7E6	344.7E6	123.333	117.378
18)	B Endrin al...	6.449	7.166	3932321	687007	0.714	0.274m#
20)	A Methoxychlor	6.920	7.705	944.6E6	416.0E6	281.502	275.793
21)	B Endrin ke...	7.151	7.862	10781799	6050044	1.491	1.979 #

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

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Sample : PEM
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ALS Vial : 3 Sample Multiplier: 1

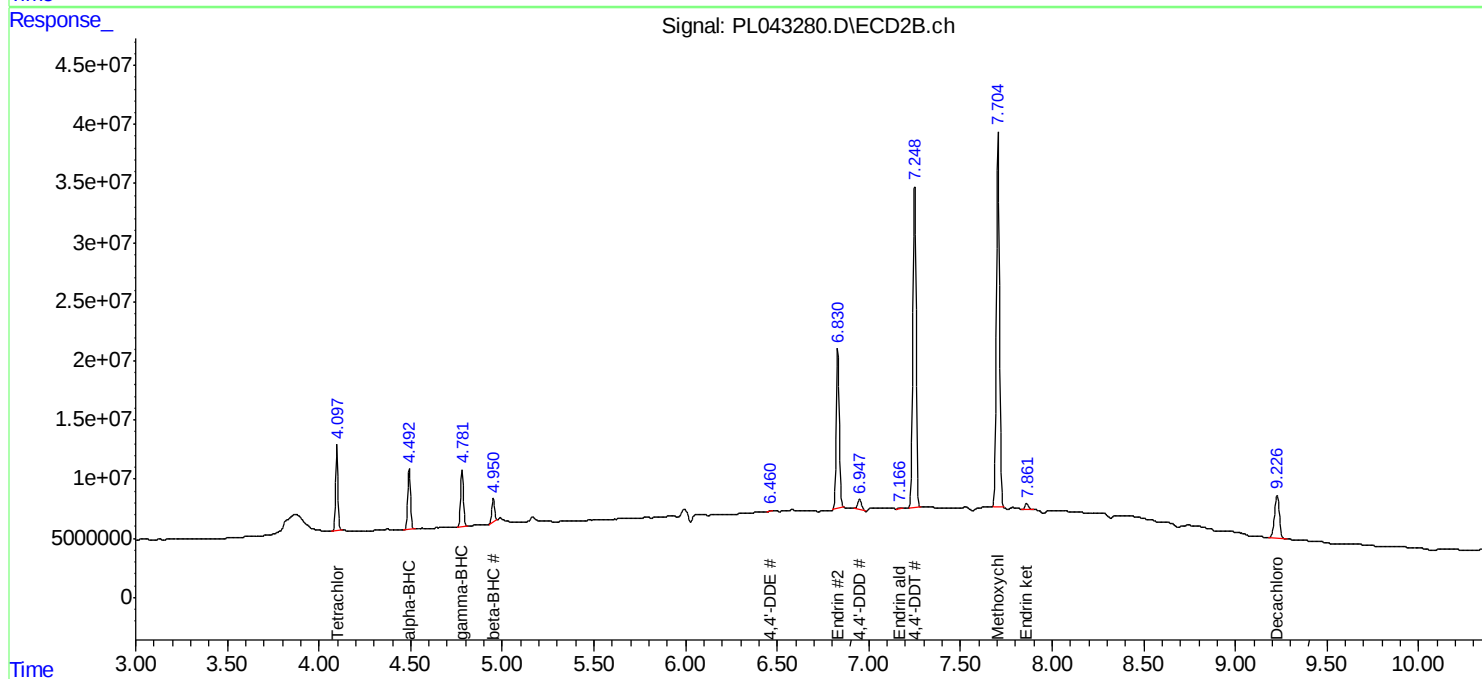
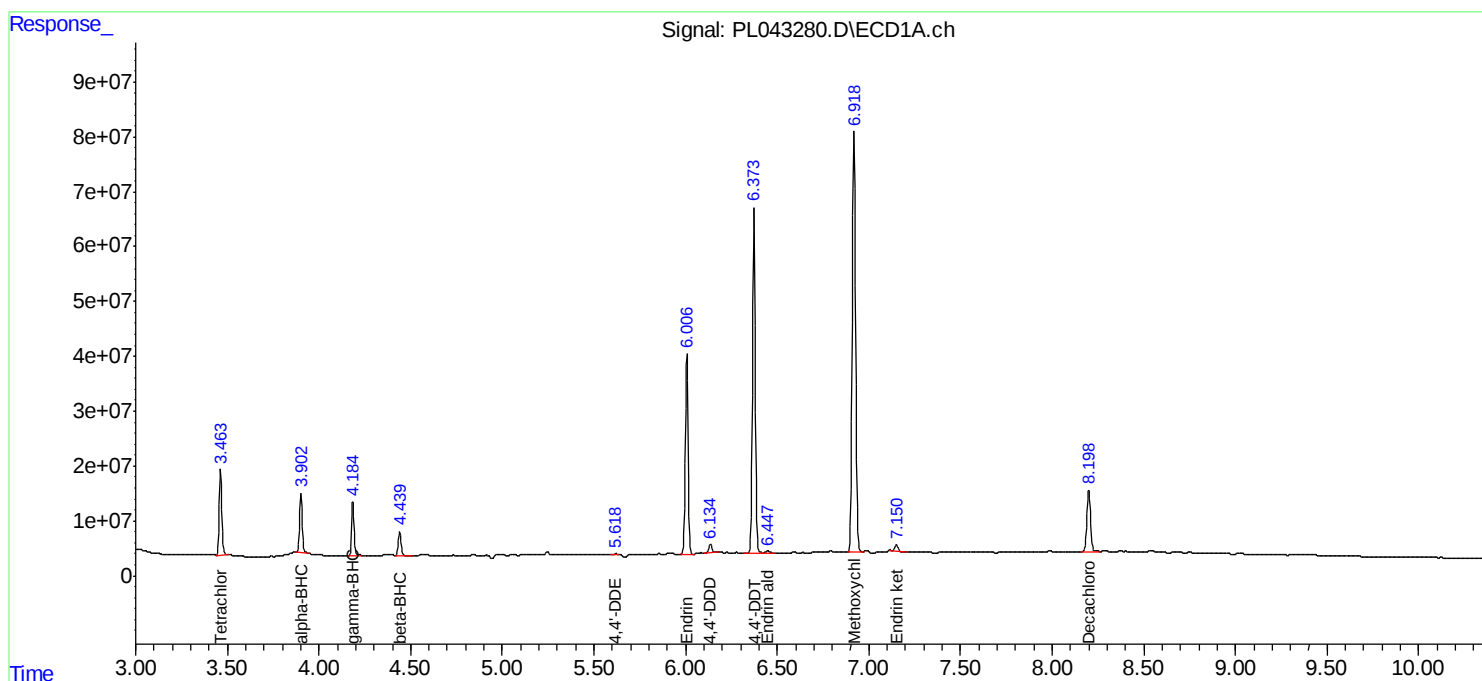
Instrument :
ECD_L
ClientSampleId :
PEM

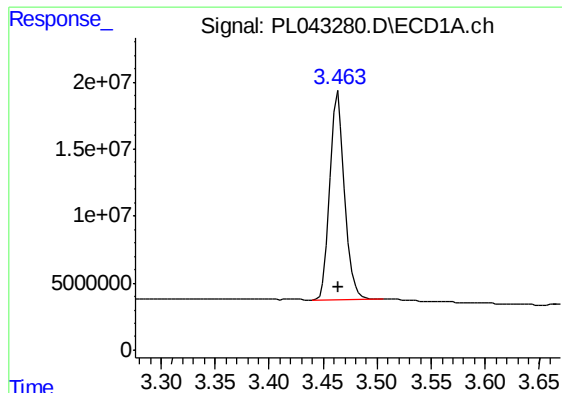
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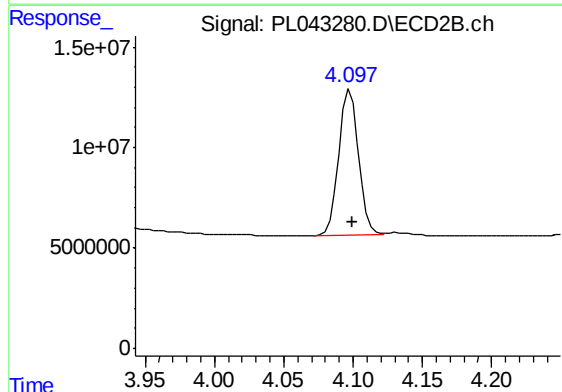
#1 Tetrachloro-m-xylene

R.T.: 3.464 min
Delta R.T.: 0.000 min
Response: 147701362
Conc: 24.08 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

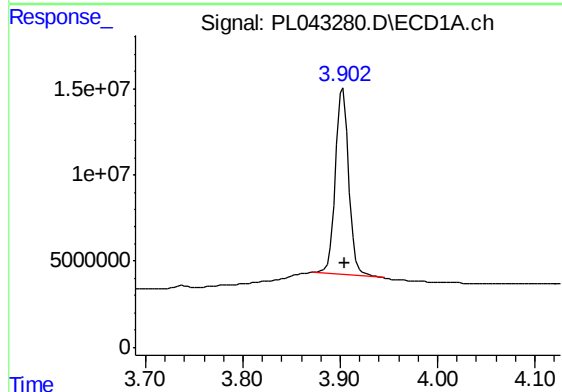
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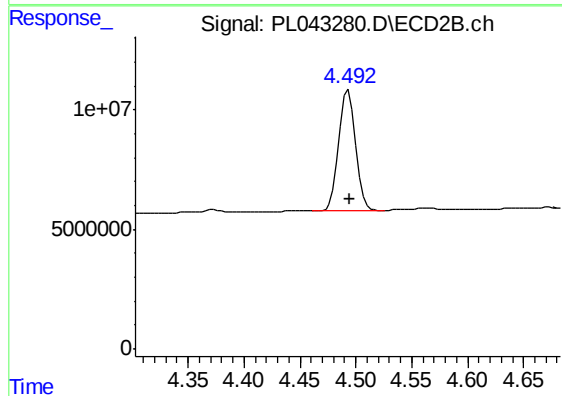
#1 Tetrachloro-m-xylene

R.T.: 4.098 min
Delta R.T.: -0.001 min
Response: 71704924
Conc: 24.19 ng/ml



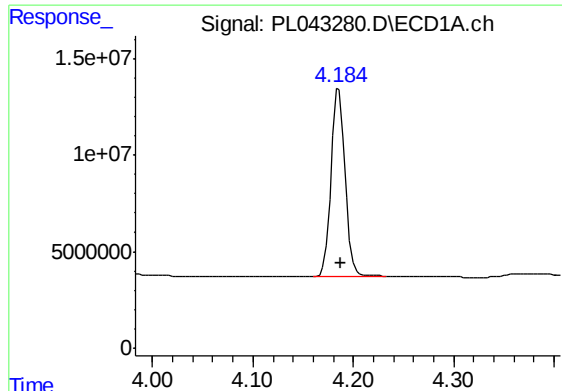
#2 alpha-BHC

R.T.: 3.903 min
Delta R.T.: -0.001 min
Response: 104973735
Conc: 11.10 ng/ml



#2 alpha-BHC

R.T.: 4.493 min
Delta R.T.: 0.000 min
Response: 51984767
Conc: 11.49 ng/ml



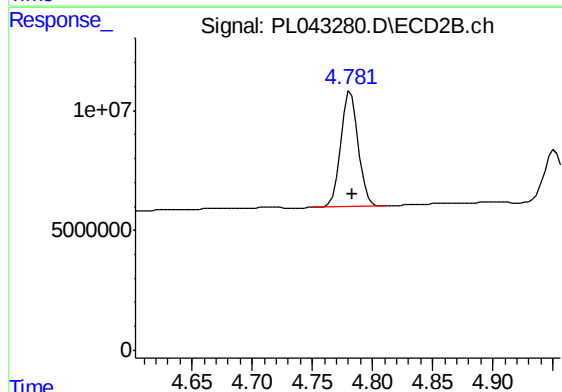
#3 gamma-BHC (Lindane)

R.T.: 4.186 min
Delta R.T.: -0.001 min
Response: 94492891
Conc: 10.94 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

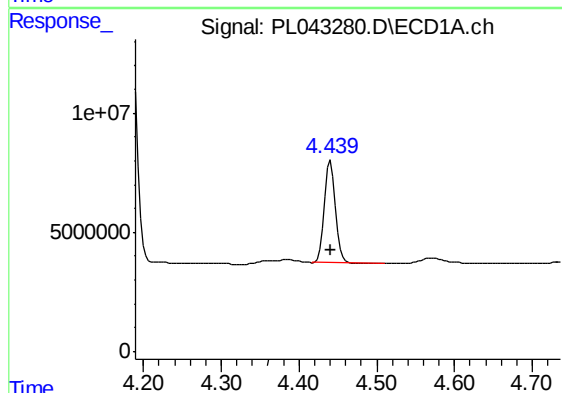
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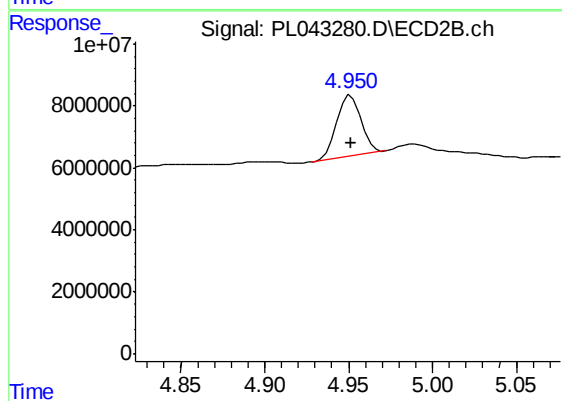
#3 gamma-BHC (Lindane)

R.T.: 4.782 min
Delta R.T.: 0.000 min
Response: 49550327
Conc: 11.81 ng/ml



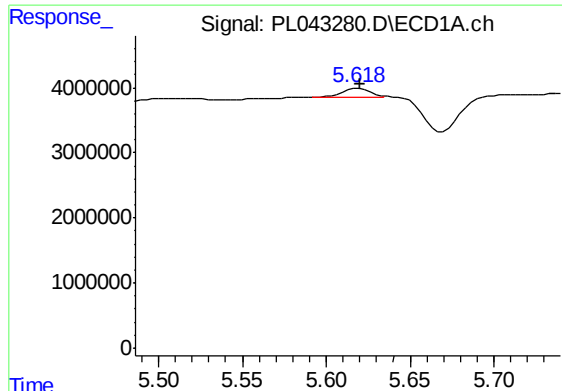
#6 beta-BHC

R.T.: 4.440 min
Delta R.T.: 0.000 min
Response: 43098917
Conc: 11.68 ng/ml



#6 beta-BHC

R.T.: 4.951 min
Delta R.T.: 0.000 min
Response: 19979377
Conc: 11.80 ng/ml



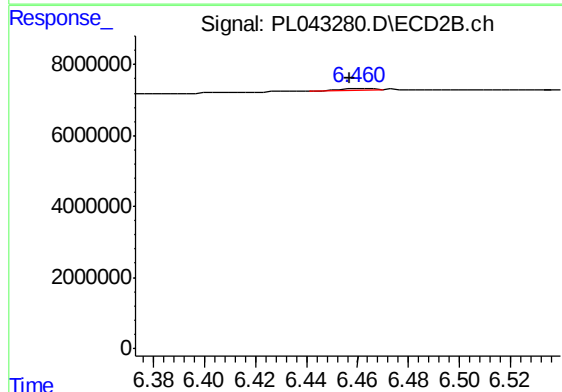
#12 4,4'-DDE

R.T.: 5.618 min
Delta R.T.: -0.003 min
Response: 1499803
Conc: 0.22 ng/ml m

Instrument :
ECD_L
ClientSampleId :
PEM

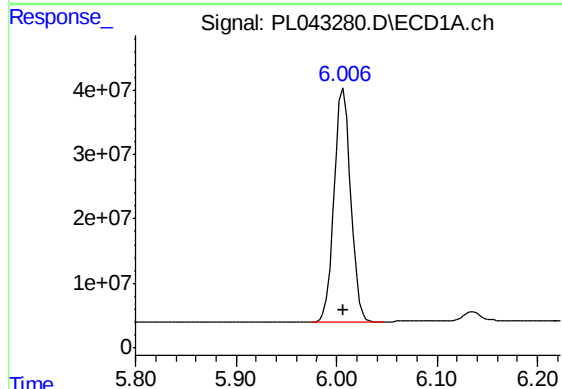
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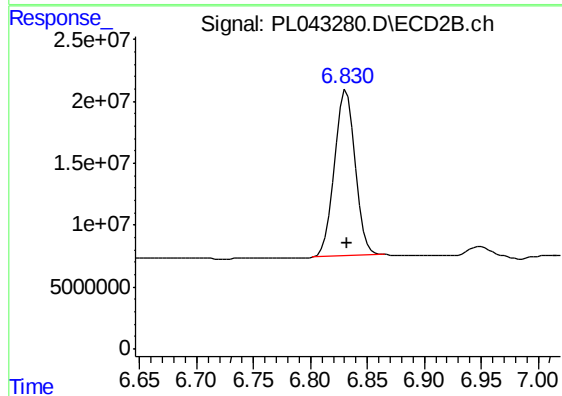
#12 4,4'-DDE

R.T.: 6.460 min
Delta R.T.: 0.002 min
Response: 579460
Conc: 0.16 ng/ml m



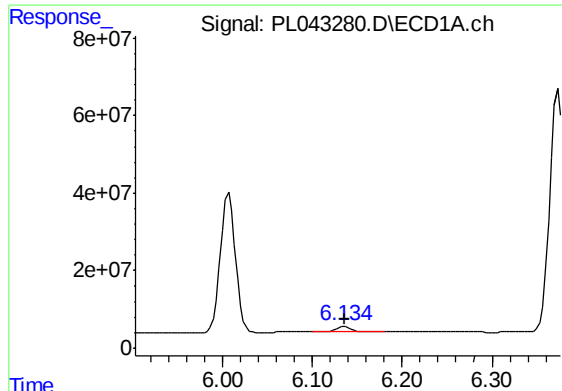
#14 Endrin

R.T.: 6.007 min
Delta R.T.: 0.000 min
Response: 416030761
Conc: 57.78 ng/ml



#14 Endrin

R.T.: 6.832 min
Delta R.T.: 0.000 min
Response: 168648685
Conc: 54.02 ng/ml



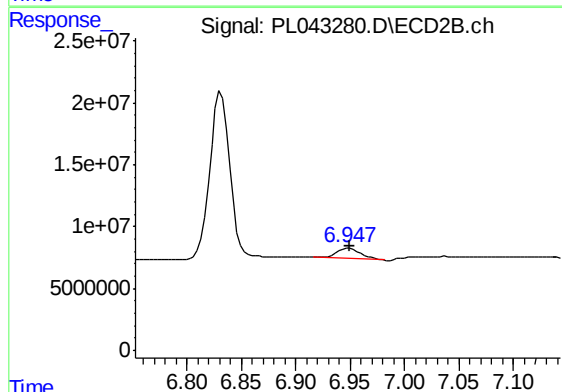
#16 4,4'-DDD

R.T.: 6.136 min
Delta R.T.: 0.000 min
Response: 17092987
Conc: 3.01 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

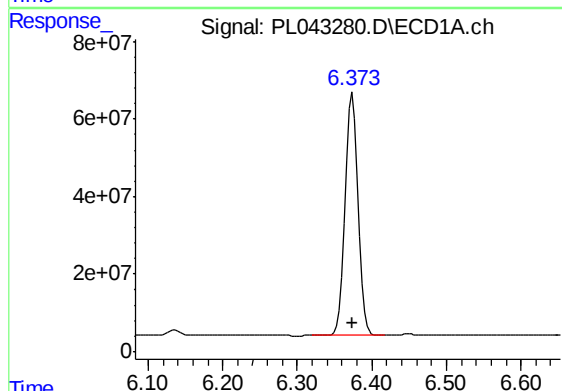
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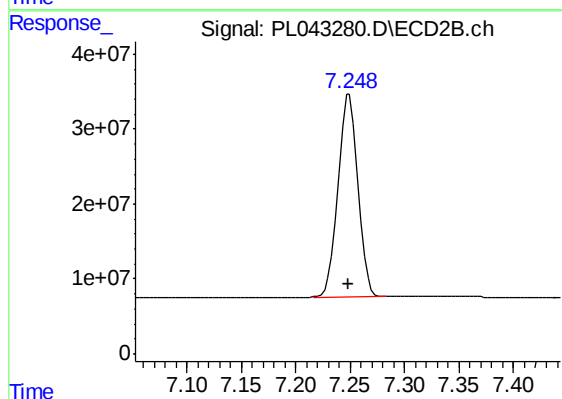
#16 4,4'-DDD

R.T.: 6.949 min
Delta R.T.: 0.000 min
Response: 13089612
Conc: 4.46 ng/ml



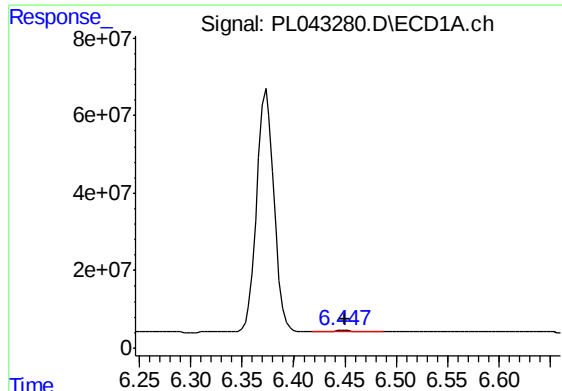
#17 4,4'-DDT

R.T.: 6.374 min
Delta R.T.: 0.000 min
Response: 733699266
Conc: 123.33 ng/ml



#17 4,4'-DDT

R.T.: 7.249 min
Delta R.T.: 0.000 min
Response: 344744452
Conc: 117.38 ng/ml



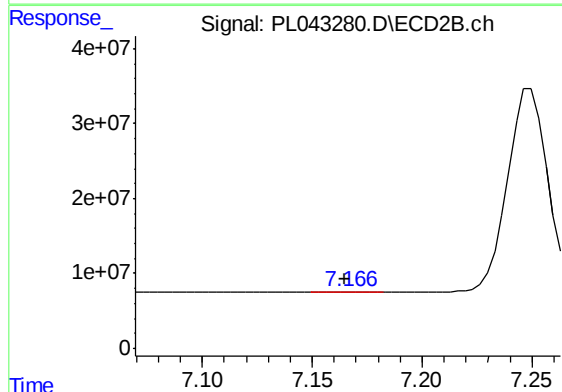
#18 Endrin aldehyde

R.T.: 6.449 min
Delta R.T.: -0.001 min
Response: 3932321
Conc: 0.71 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

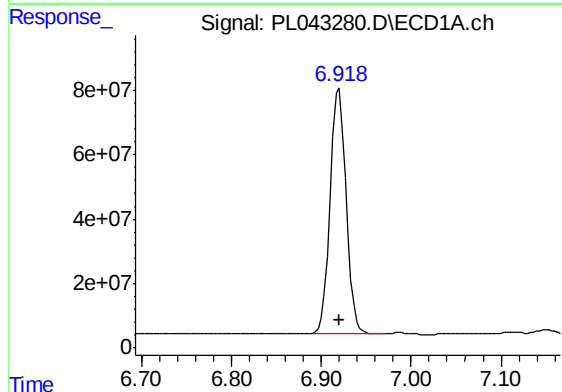
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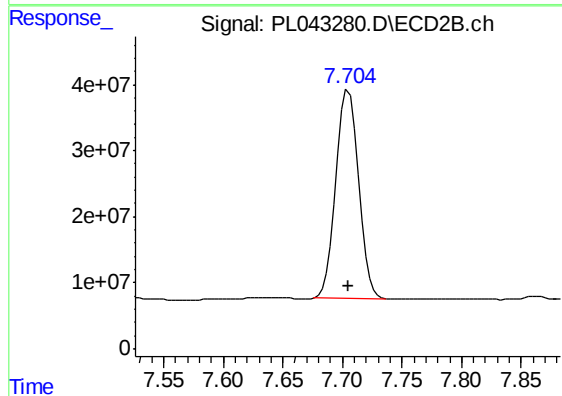
#18 Endrin aldehyde

R.T.: 7.166 min
Delta R.T.: 0.001 min
Response: 687007
Conc: 0.27 ng/ml m



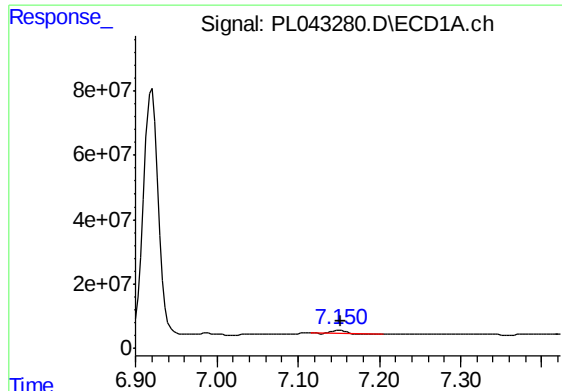
#20 Methoxychlor

R.T.: 6.920 min
Delta R.T.: 0.000 min
Response: 944551863
Conc: 281.50 ng/ml



#20 Methoxychlor

R.T.: 7.705 min
Delta R.T.: 0.000 min
Response: 415982967
Conc: 275.79 ng/ml



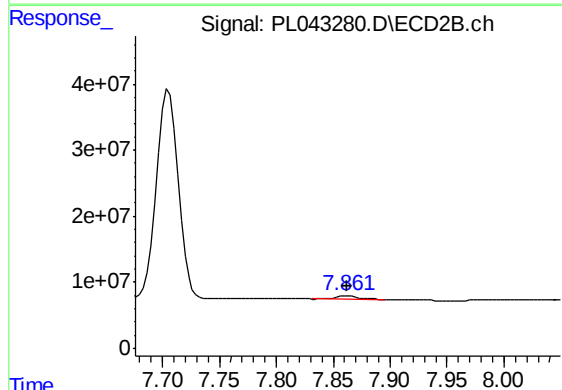
#21 Endrin ketone

R.T.: 7.151 min
Delta R.T.: -0.001 min
Response: 10781799
Conc: 1.49 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

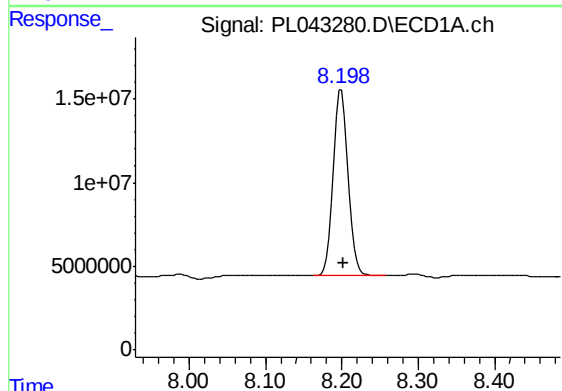
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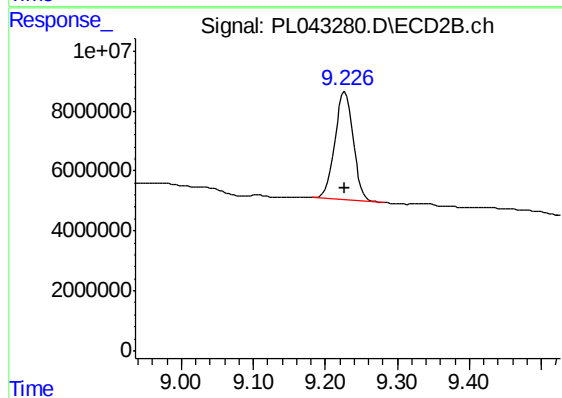
#21 Endrin ketone

R.T.: 7.862 min
Delta R.T.: 0.000 min
Response: 6050044
Conc: 1.98 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.199 min
Delta R.T.: -0.002 min
Response: 150319011
Conc: 23.02 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.228 min
Delta R.T.: 0.000 min
Response: 63905804
Conc: 24.50 ng/ml