Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL010920\
Data File : PL055606.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 09 Jan 2020 05:15
Operator : AJ\MA
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jan 09 08:27:24 2020
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL010820.M
Quant Title : GC Extractables
QLast Update : Wed Jan 08 12:19:19 2020
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

Instrument :
ECD_L
ClientSampleId :
PEM

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	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	3.500	4.012	213.5E6	59640138	19.139	19.399
28)	SA Decachlor...	8.257	9.083	206.1E6	47612834	21.242	20.581
	Target Compounds						
2)	A alpha-BHC	3.939	4.401	163.3E6	41244804	8.630	8.902
3)	MA gamma-BHC...	4.223	4.685	150.0E6	38505233	8.548	8.959
6)	B beta-BHC	4.473	4.856	68007709	19551050	9.616	11.057
14)	MA Endrin	6.058	6.714	643.4E6	118.4E6	44.101	44.375
16)	A 4,4'-DDD	6.184	6.838	36217494	6004557	3.270	2.562
17)	MA 4,4'-DDT	6.423	7.137	995.8E6	201.4E6	86.453	84.634
18)	B Endrin al...	6.496	7.047	8360389	1285721	0.768m	0.564m#
20)	A Methoxychlor	6.967	7.595	1097.3E6	253.5E6	199.648	197.167m
21)	B Endrin ke...	7.202	7.743	18996370	5256715	1.553	1.998 #

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

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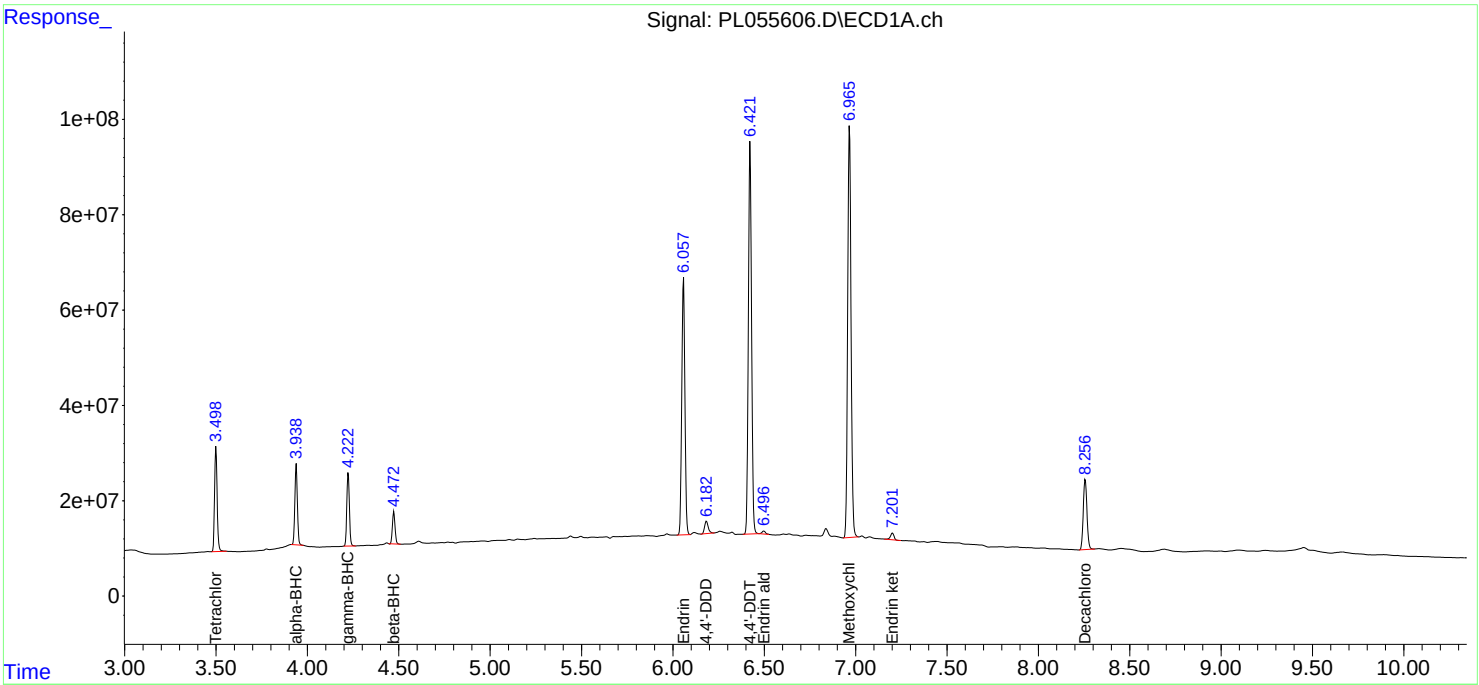

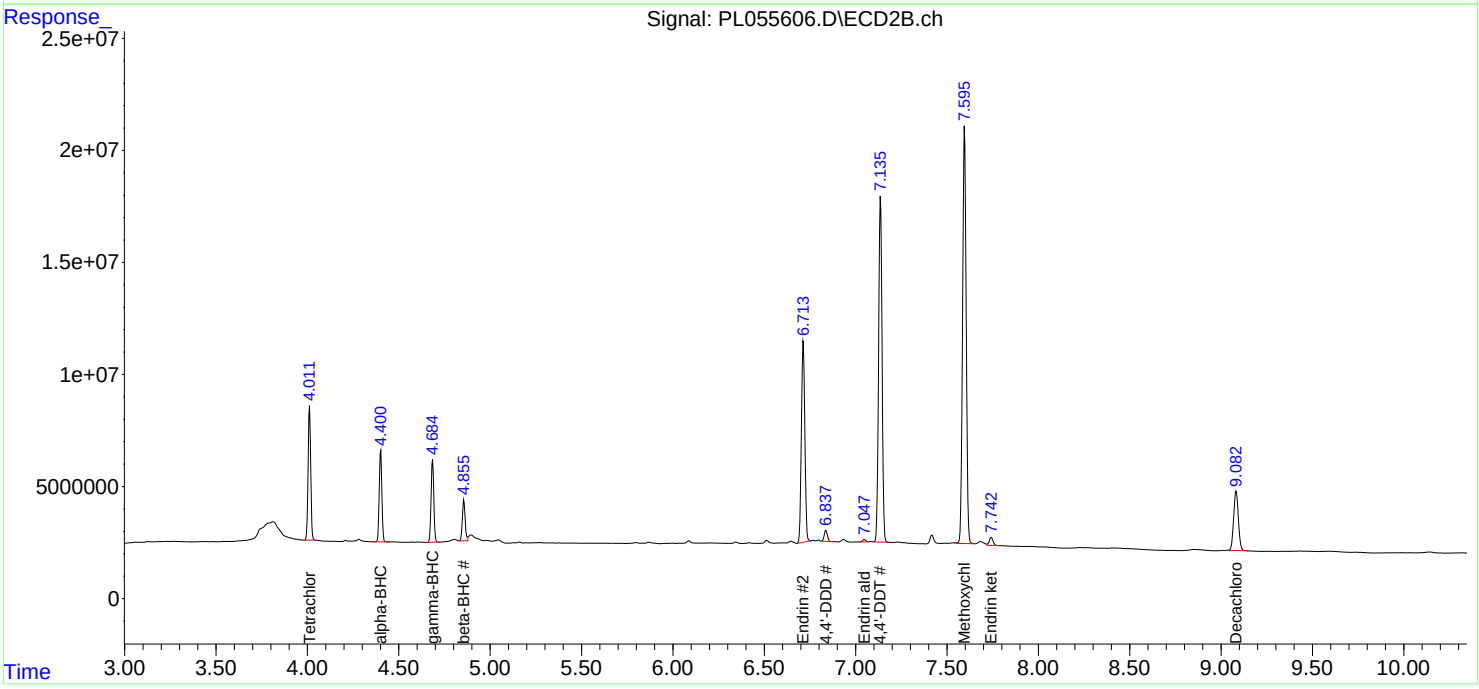

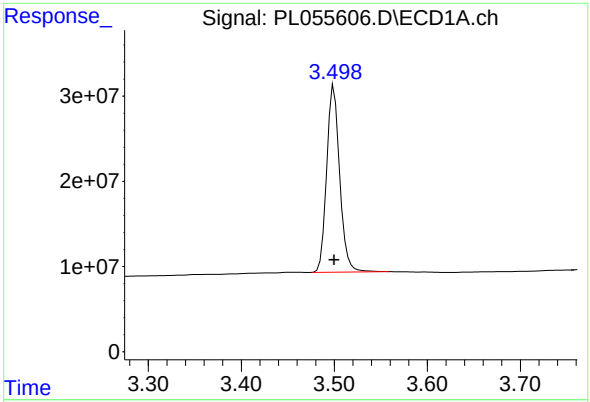

#1 Tetrachloro-m-xylene

R.T.: 3.500 min
Delta R.T.: 0.000 min
Response: 213450599
Conc: 19.14 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

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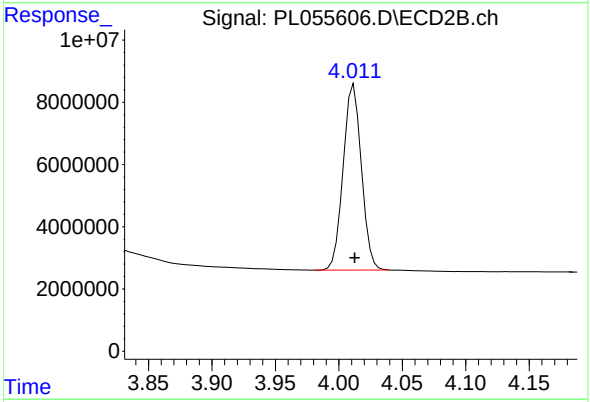
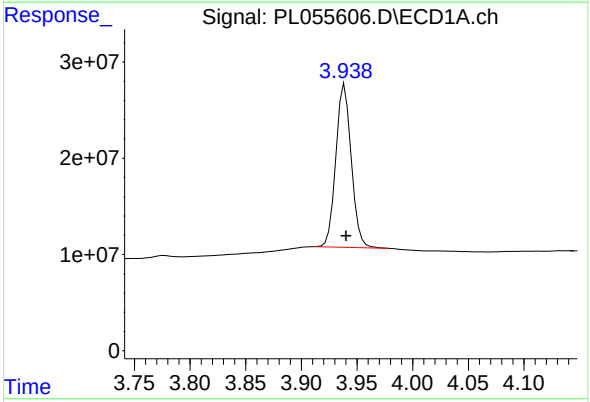


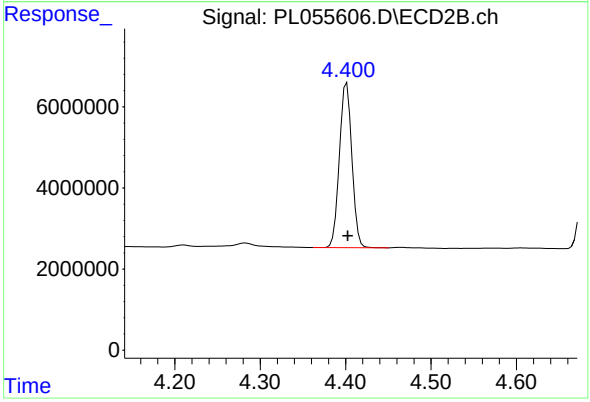
#1 Tetrachloro-m-xylene

R.T.: 4.012 min
Delta R.T.: 0.000 min
Response: 59640138
Conc: 19.40 ng/ml



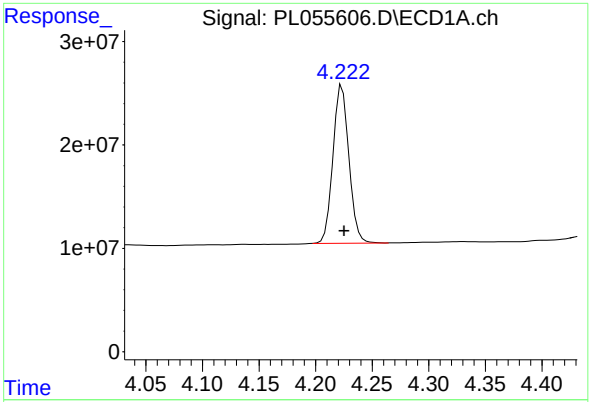
#2 alpha-BHC

R.T.: 3.939 min
Delta R.T.: -0.001 min
Response: 163328376
Conc: 8.63 ng/ml



#2 alpha-BHC

R.T.: 4.401 min
Delta R.T.: -0.001 min
Response: 41244804
Conc: 8.90 ng/ml



#3 gamma-BHC (Lindane)

R.T.: 4.223 min
Delta R.T.: -0.002 min
Response: 149981884
Conc: 8.55 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

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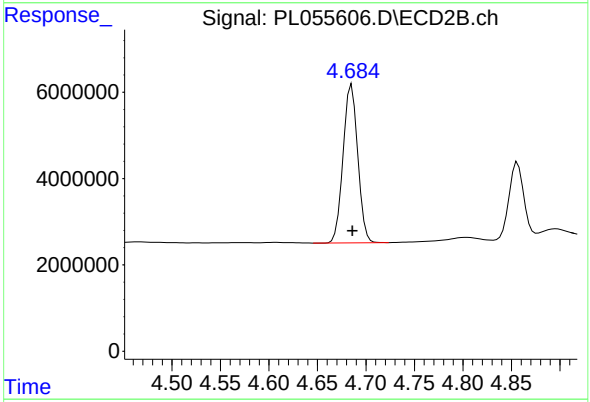
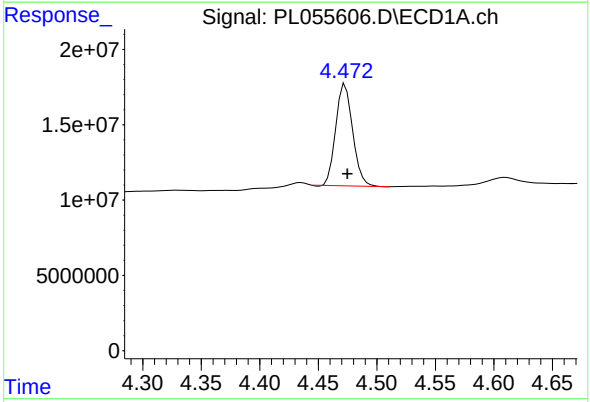


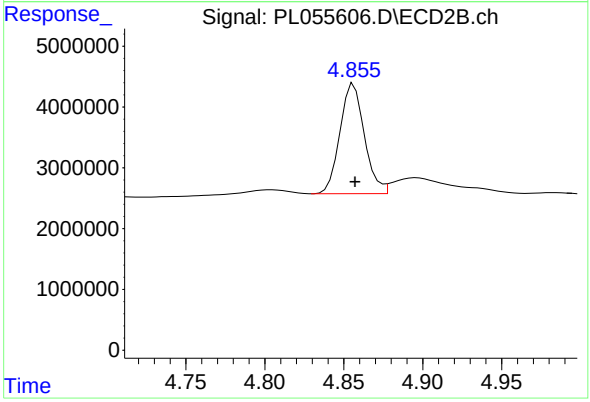
#3 gamma-BHC (Lindane)

R.T.: 4.685 min
Delta R.T.: 0.000 min
Response: 38505233
Conc: 8.96 ng/ml



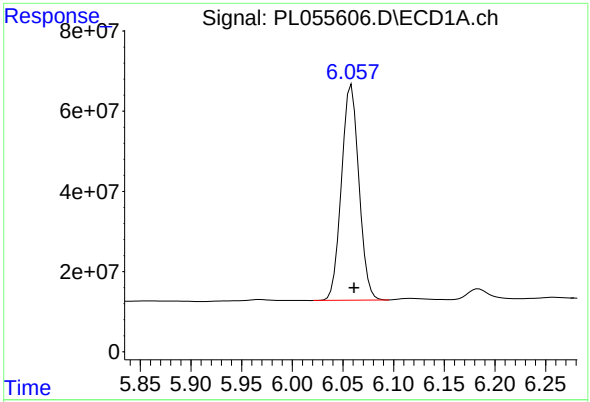
#6 beta-BHC

R.T.: 4.473 min
Delta R.T.: -0.002 min
Response: 68007709
Conc: 9.62 ng/ml



#6 beta-BHC

R.T.: 4.856 min
Delta R.T.: 0.000 min
Response: 19551050
Conc: 11.06 ng/ml



#14 Endrin

R.T.: 6.058 min
Delta R.T.: -0.003 min
Response: 643405058
Conc: 44.10 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

Manual Integrations APPROVED
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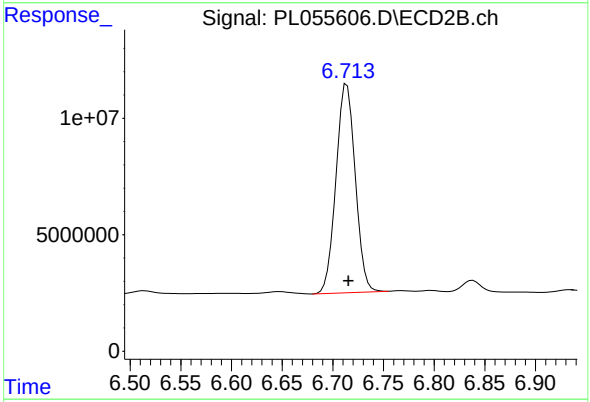
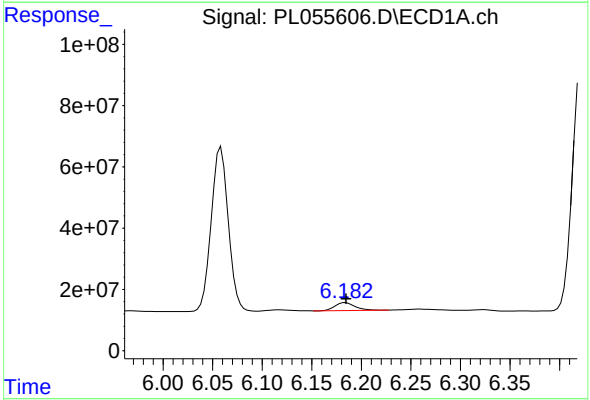


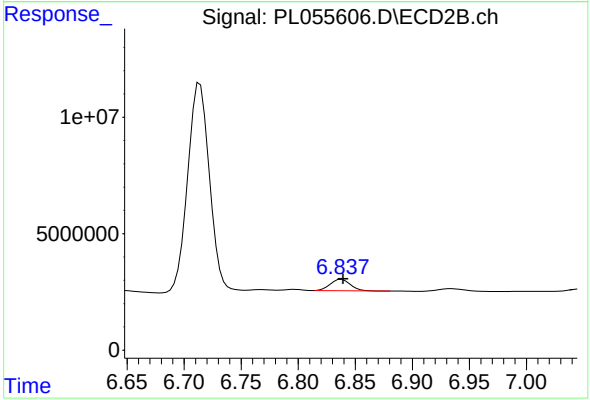
#14 Endrin

R.T.: 6.714 min
Delta R.T.: -0.002 min
Response: 118368796
Conc: 44.38 ng/ml



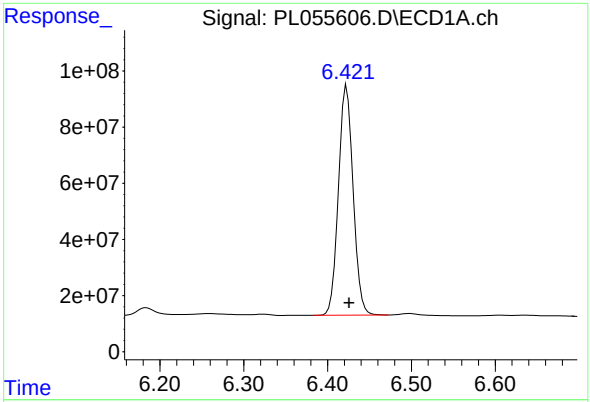
#16 4,4'-DDD

R.T.: 6.184 min
Delta R.T.: -0.001 min
Response: 36217494
Conc: 3.27 ng/ml



#16 4,4'-DDD

R.T.: 6.838 min
Delta R.T.: -0.001 min
Response: 6004557
Conc: 2.56 ng/ml



#17 4,4'-DDT

R.T.: 6.423 min
Delta R.T.: -0.003 min
Response: 995786764
Conc: 86.45 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

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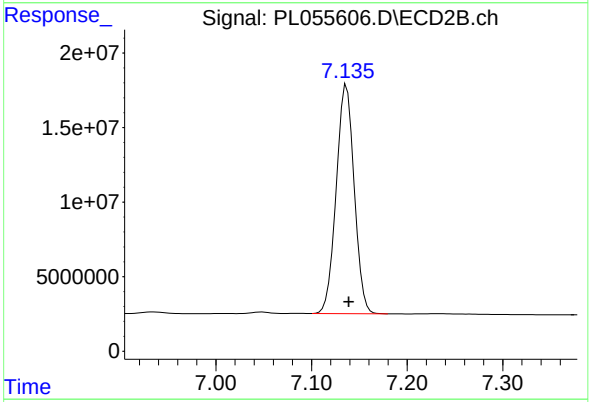
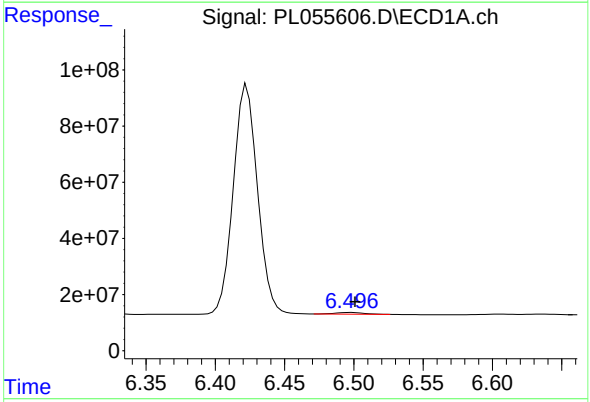


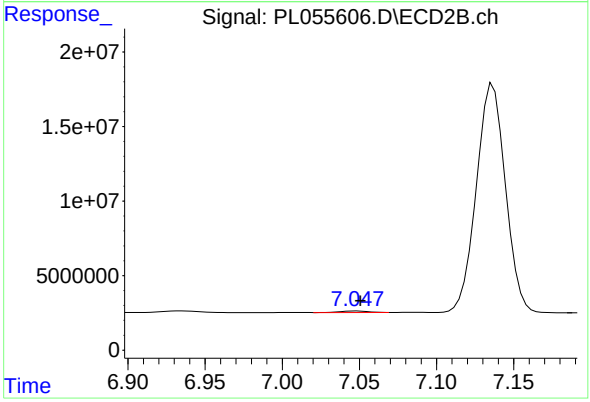
#17 4,4'-DDT

R.T.: 7.137 min
Delta R.T.: -0.002 min
Response: 201350288
Conc: 84.63 ng/ml



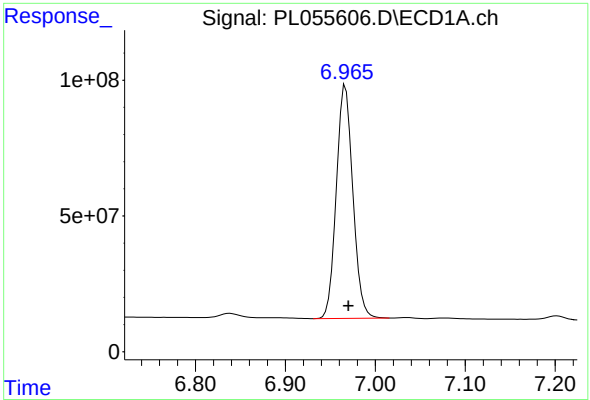
#18 Endrin aldehyde

R.T.: 6.496 min
Delta R.T.: -0.005 min
Response: 8360389
Conc: 0.77 ng/ml m



#18 Endrin aldehyde

R.T.: 7.047 min
Delta R.T.: -0.004 min
Response: 1285721
Conc: 0.56 ng/ml m



#20 Methoxychlor

R.T.: 6.967 min
Delta R.T.: -0.003 min
Response: 1097271979
Conc: 199.65 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

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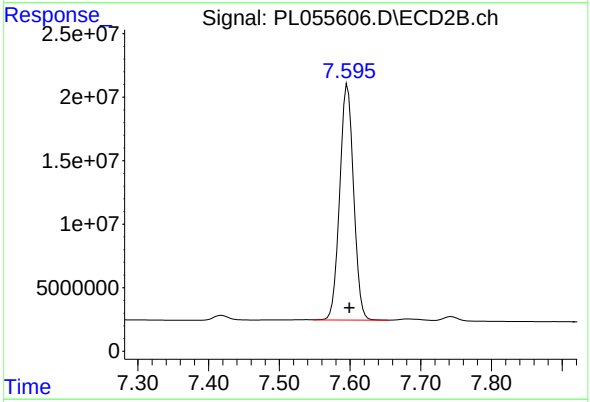
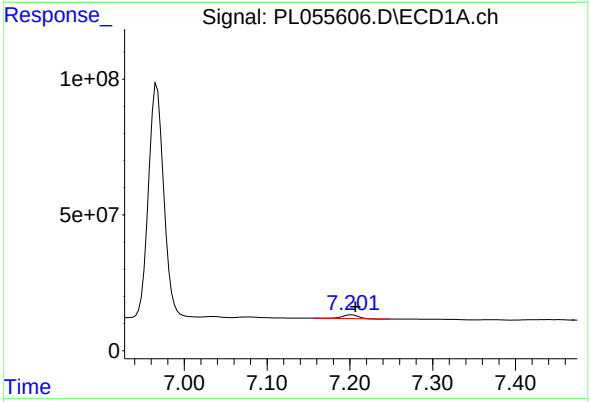


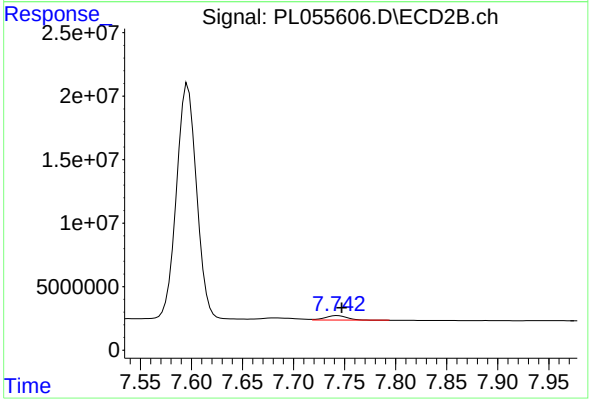
#20 Methoxychlor

R.T.: 7.595 min
Delta R.T.: -0.004 min
Response: 253487759
Conc: 197.17 ng/ml m



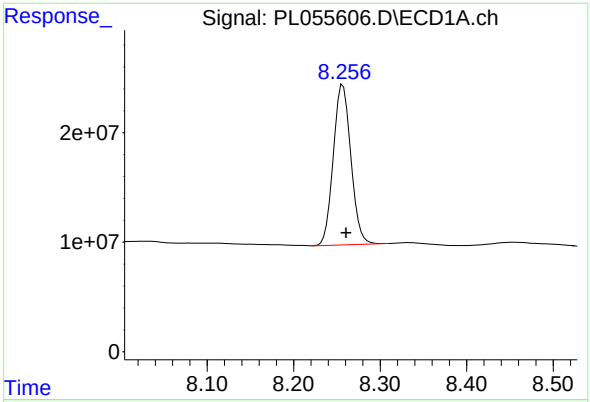
#21 Endrin ketone

R.T.: 7.202 min
Delta R.T.: -0.005 min
Response: 18996370
Conc: 1.55 ng/ml



#21 Endrin ketone

R.T.: 7.743 min
Delta R.T.: -0.004 min
Response: 5256715
Conc: 2.00 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.257 min
Delta R.T.: -0.004 min
Response: 206087514
Conc: 21.24 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

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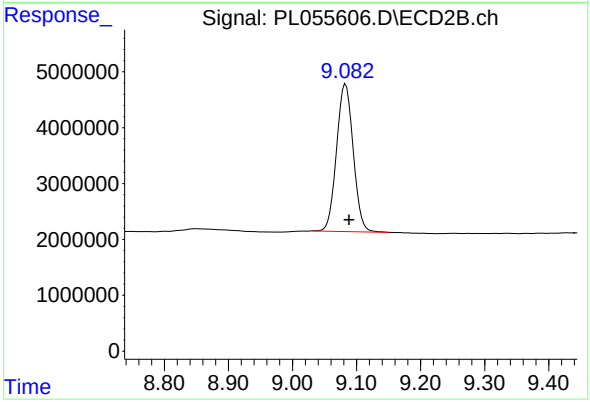

#28 Decachlorobiphenyl

R.T.: 9.083 min
Delta R.T.: -0.005 min
Response: 47612834
Conc: 20.58 ng/ml