Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD082725\
Data File : PD090045.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 27 Aug 2025 10:57
Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
PEM

Manual Integrations APPROVED

Reviewed By :Abdul Mirza 08/28/2025
Supervised By :mohammad ahmed 08/29/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 27 12:19:38 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD081825.M
Quant Title : GC Extractables
QLast Update : Tue Aug 19 13:16:54 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 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 x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	3.549	2.877	51340199	374.4E6	17.493	16.980
28)	SA Decachlor...	9.070	8.065	83518300	464.6E6	19.351	17.948
	Target Compounds						
2)	A alpha-BHC	3.998	3.388	49478963	305.0E6	8.243	8.987m
3)	MA gamma-BHC...	4.329	3.725	49170373	284.1E6	8.586	9.116
6)	B beta-BHC	4.515	4.021	21000482	124.5E6	9.363	9.337
12)	B 4,4'-DDE	6.195	5.370	515747	4143561	0.118	0.144
14)	MA Endrin	6.572	5.784	190.0E6	1096.1E6	45.848	41.156
16)	A 4,4'-DDD	6.704	5.924	11850633	81757954	3.426	3.400
17)	MA 4,4'-DDT	7.020	6.177	318.9E6	1880.1E6	83.712	74.996
18)	B Endrin al...	6.914	6.252	1849315	18367596	0.645	1.067 #
20)	A Methoxychlor	7.491	6.747	396.4E6	2036.3E6	197.631	157.903
21)	B Endrin ke...	7.627	6.984	7678633	59552521	1.853m	2.235

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

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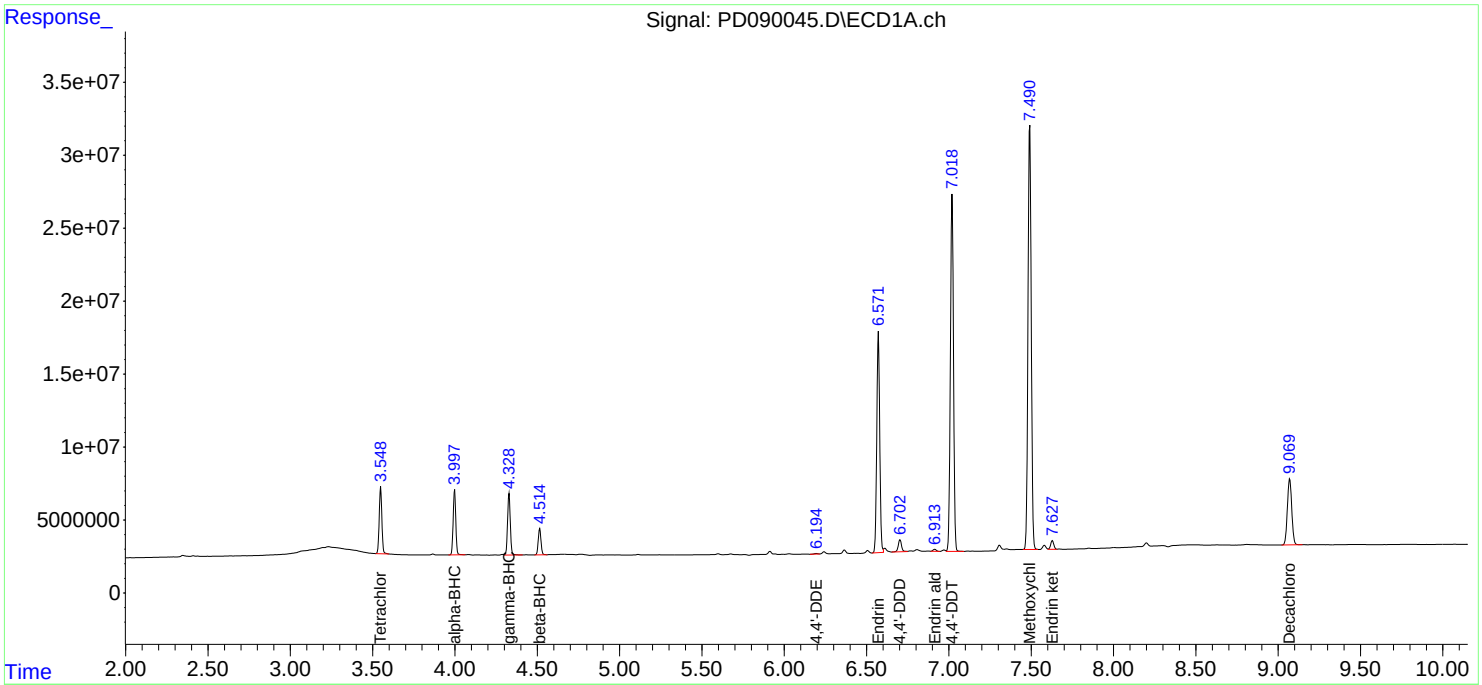

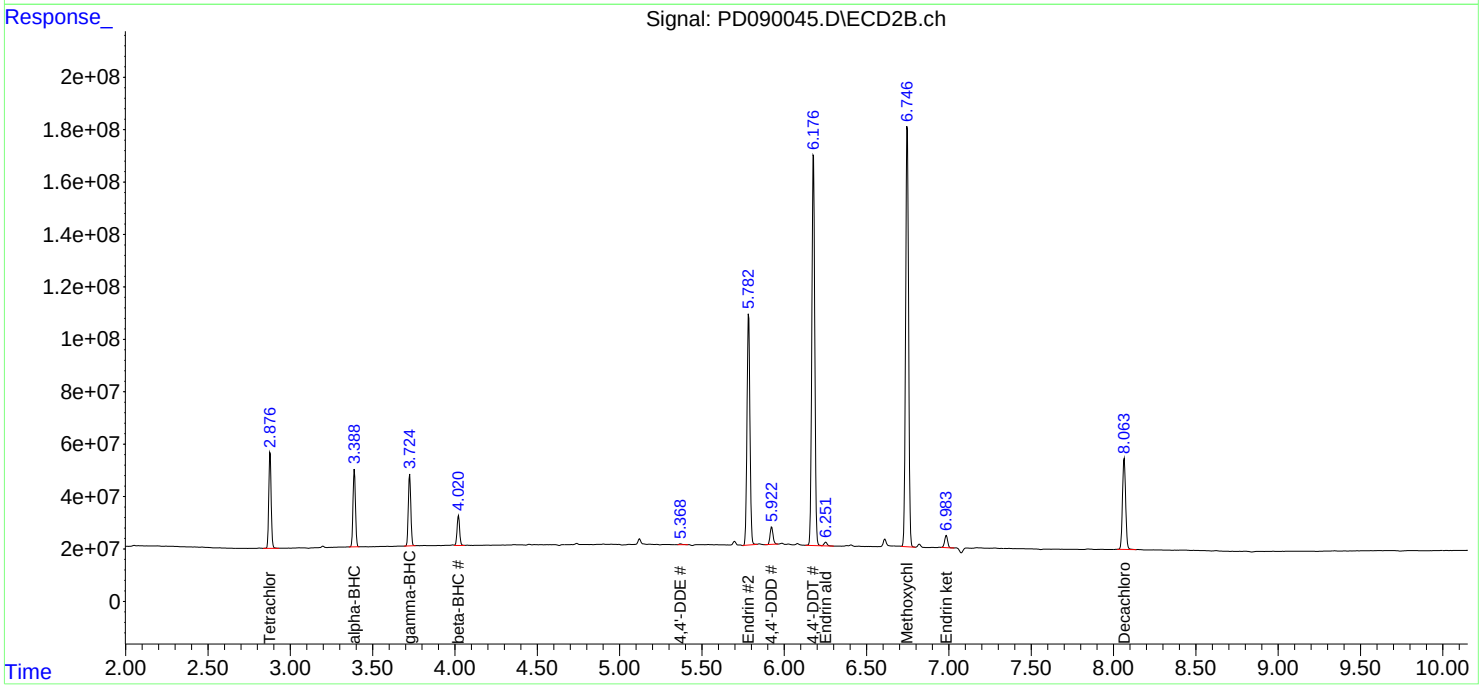

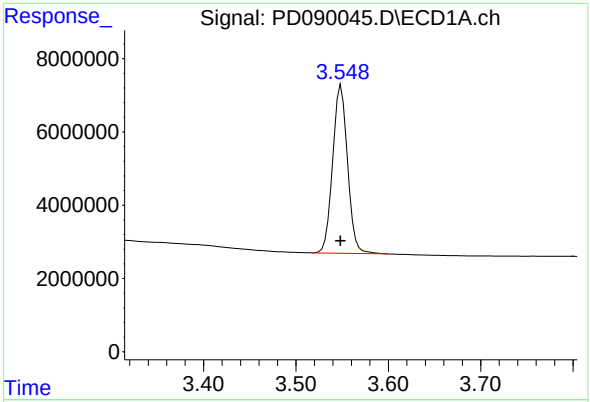

#1 Tetrachloro-m-xylene

R.T.: 3.549 min
Delta R.T.: 0.000 min
Response: 51340199
Conc: 17.49 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

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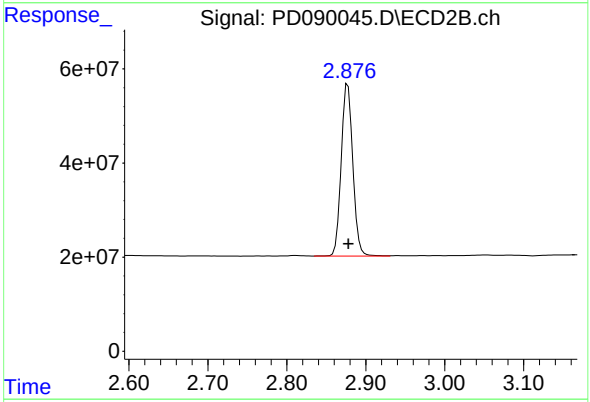
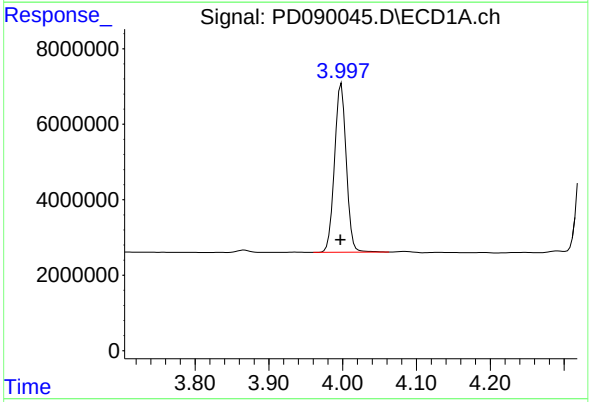


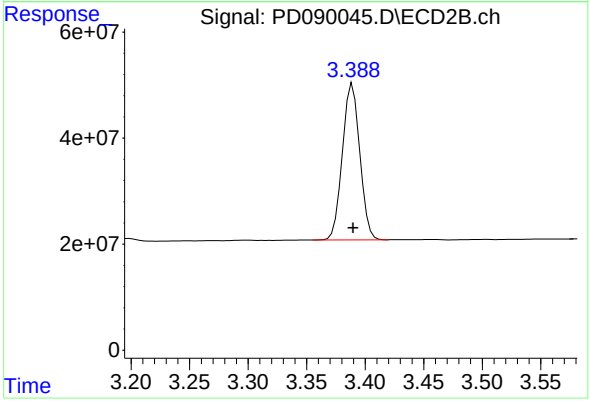
#1 Tetrachloro-m-xylene

R.T.: 2.877 min
Delta R.T.: 0.000 min
Response: 374414358
Conc: 16.98 ng/ml



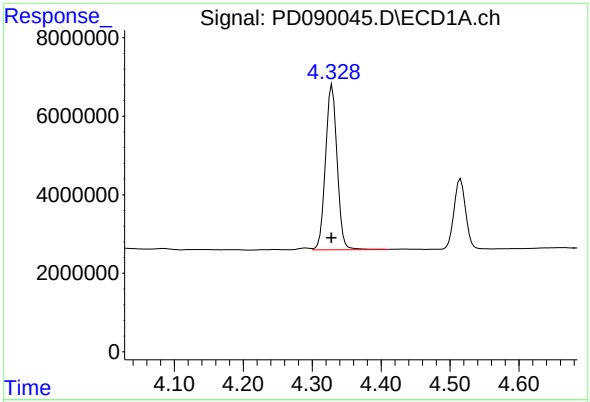
#2 alpha-BHC

R.T.: 3.998 min
Delta R.T.: 0.001 min
Response: 49478963
Conc: 8.24 ng/ml



#2 alpha-BHC

R.T.: 3.388 min
Delta R.T.: -0.002 min
Response: 305020130
Conc: 8.99 ng/ml m



#3 gamma-BHC (Lindane)

R.T.: 4.329 min
Delta R.T.: 0.001 min
Response: 49170373
Conc: 8.59 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

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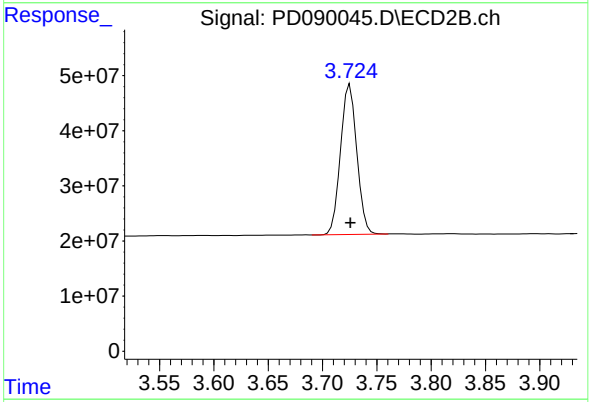
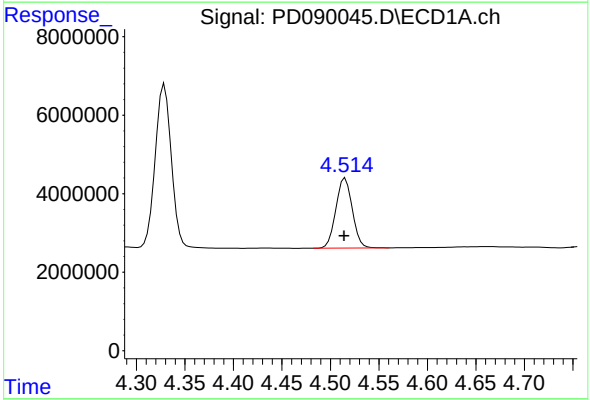


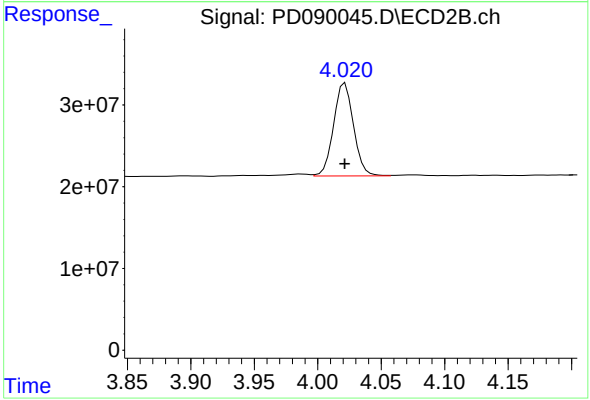
#3 gamma-BHC (Lindane)

R.T.: 3.725 min
Delta R.T.: 0.000 min
Response: 284143001
Conc: 9.12 ng/ml



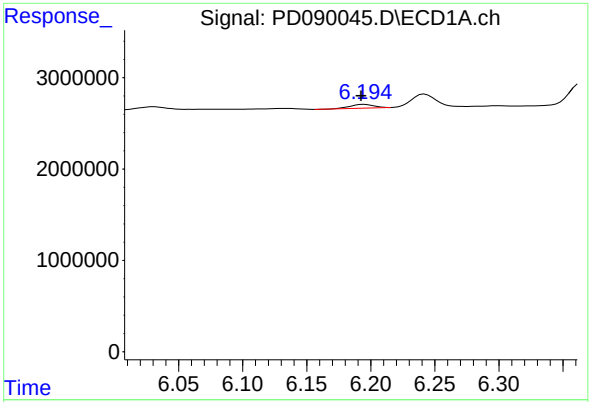
#6 beta-BHC

R.T.: 4.515 min
Delta R.T.: 0.001 min
Response: 21000482
Conc: 9.36 ng/ml



#6 beta-BHC

R.T.: 4.021 min
Delta R.T.: 0.000 min
Response: 124458085
Conc: 9.34 ng/ml



#12 4,4'-DDE

R.T.: 6.195 min
Delta R.T.: 0.003 min
Response: 515747
Conc: 0.12 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

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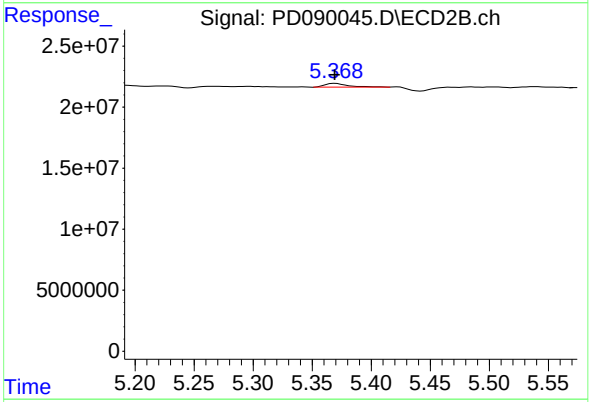
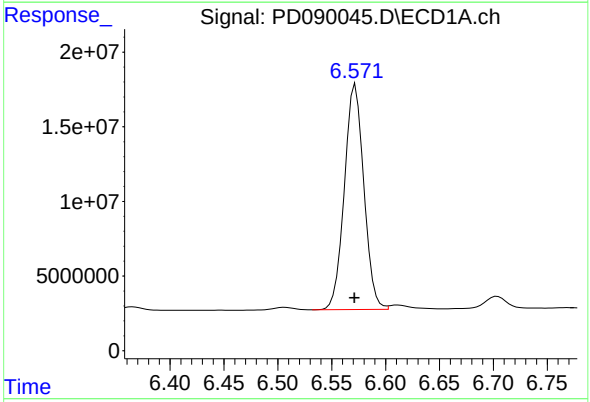


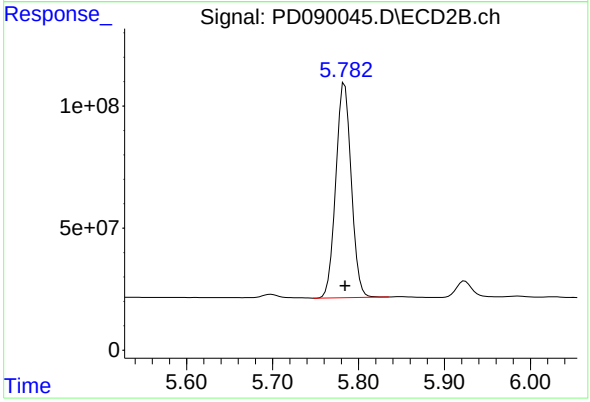
#12 4,4'-DDE

R.T.: 5.370 min
Delta R.T.: 0.000 min
Response: 4143561
Conc: 0.14 ng/ml



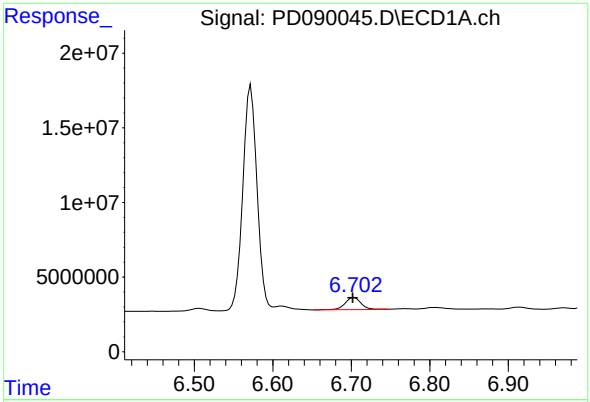
#14 Endrin

R.T.: 6.572 min
Delta R.T.: 0.001 min
Response: 189973891
Conc: 45.85 ng/ml



#14 Endrin

R.T.: 5.784 min
Delta R.T.: 0.000 min
Response: 1096070560
Conc: 41.16 ng/ml



#16 4,4'-DDD

R.T.: 6.704 min
Delta R.T.: 0.002 min
Response: 11850633
Conc: 3.43 ng/ml

Instrument :
ECD_D
ClientSampleId :
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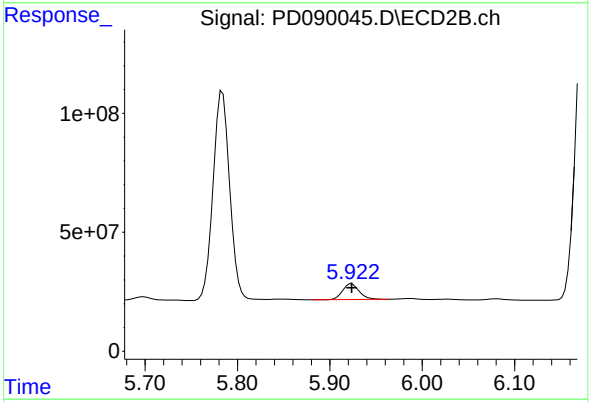
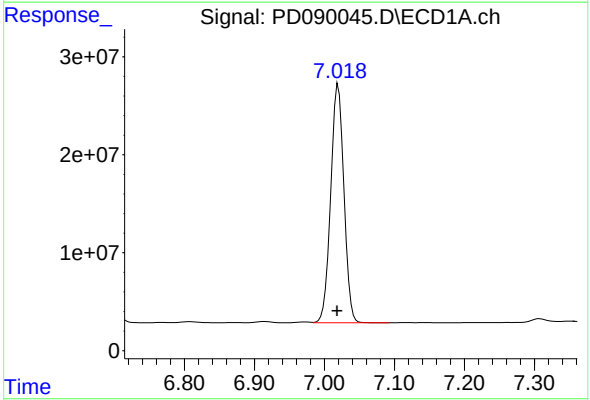


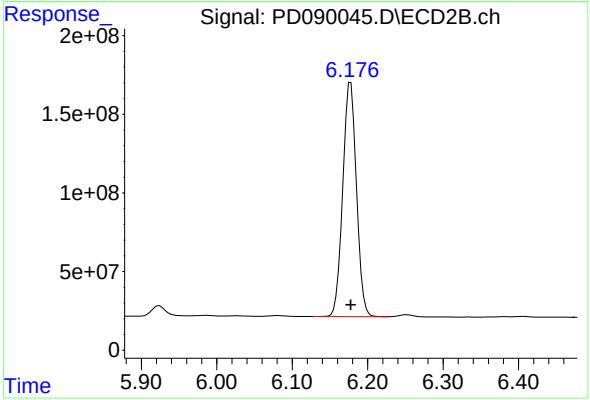
#16 4,4'-DDD

R.T.: 5.924 min
Delta R.T.: 0.000 min
Response: 81757954
Conc: 3.40 ng/ml



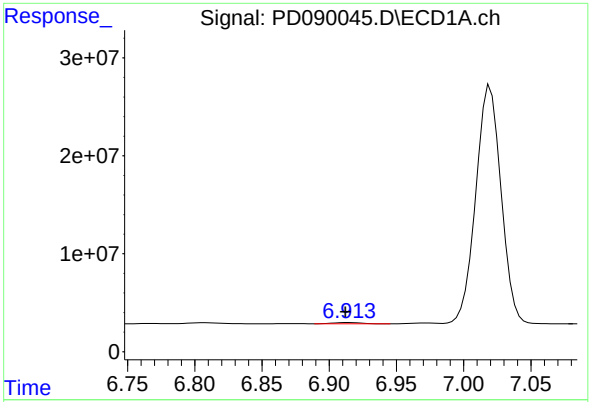
#17 4,4'-DDT

R.T.: 7.020 min
Delta R.T.: 0.002 min
Response: 318921394
Conc: 83.71 ng/ml



#17 4,4'-DDT

R.T.: 6.177 min
Delta R.T.: 0.000 min
Response: 1880133843
Conc: 75.00 ng/ml



#18 Endrin aldehyde

R.T.: 6.914 min
Delta R.T.: 0.002 min
Response: 1849315
Conc: 0.64 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

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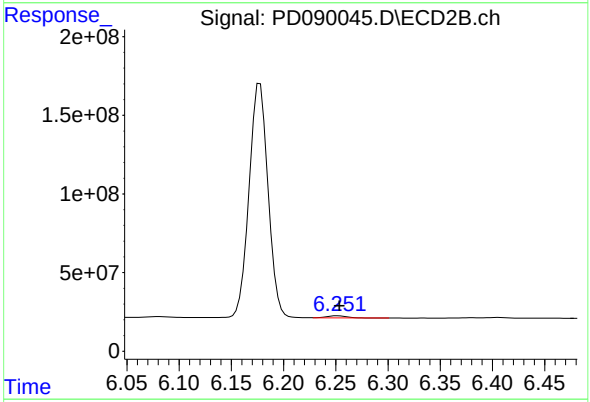
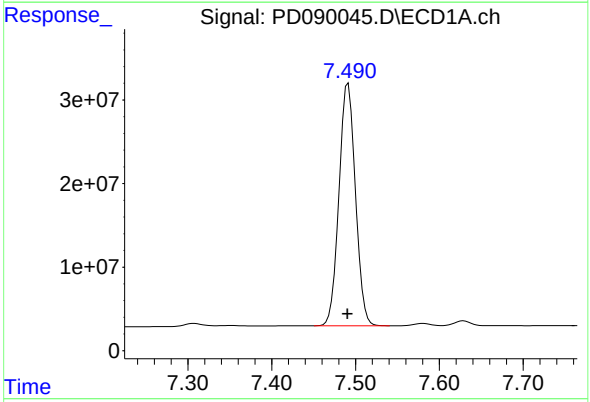


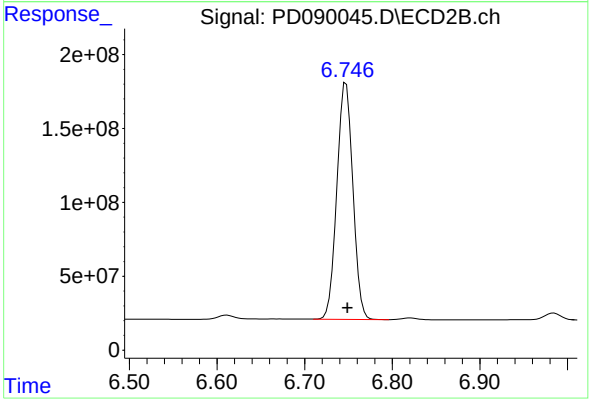
#18 Endrin aldehyde

R.T.: 6.252 min
Delta R.T.: 0.000 min
Response: 18367596
Conc: 1.07 ng/ml



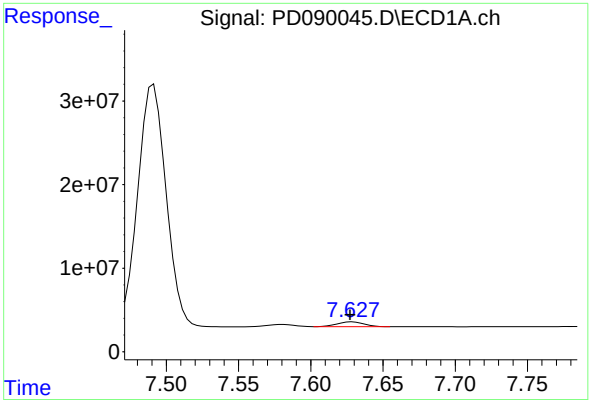
#20 Methoxychlor

R.T.: 7.491 min
Delta R.T.: 0.000 min
Response: 396373013
Conc: 197.63 ng/ml



#20 Methoxychlor

R.T.: 6.747 min
Delta R.T.: -0.002 min
Response: 2036278097
Conc: 157.90 ng/ml



#21 Endrin ketone

R.T.: 7.627 min
Delta R.T.: 0.000 min
Response: 7678633
Conc: 1.85 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

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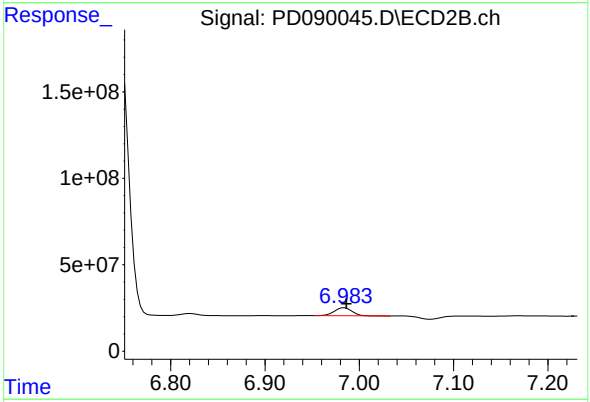
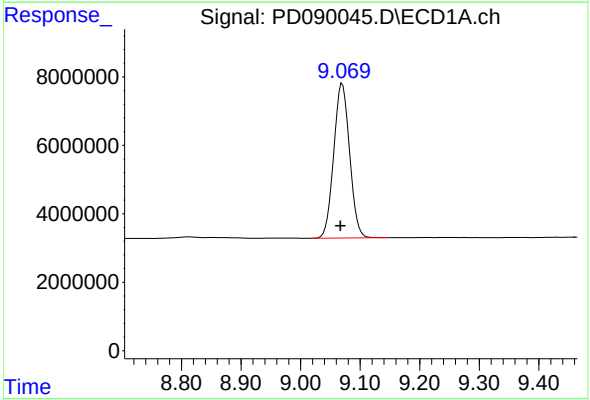


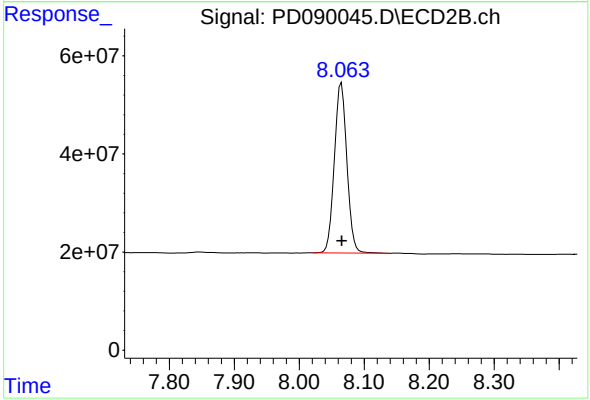
#21 Endrin ketone

R.T.: 6.984 min
Delta R.T.: -0.002 min
Response: 59552521
Conc: 2.24 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.070 min
Delta R.T.: 0.003 min
Response: 83518300
Conc: 19.35 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.065 min
Delta R.T.: 0.000 min
Response: 464596625
Conc: 17.95 ng/ml