Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD101425\
Data File : PD090572.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 14 Oct 2025 10:40
Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
PEM

Manual Integrations APPROVED
Reviewed By :Abdul Mirza 10/15/2025
Supervised By :mohammad ahmed 10/16/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 15 07:35:57 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD091825.M
Quant Title : GC Extractables
QLast Update : Fri Sep 19 05:52:38 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...	3.544	2.874	51435676	466.0E6	15.824	16.977
28) SA	Decachlor...	9.065	8.061	77539469	547.1E6	16.070	16.879
	Target Compounds						
2) A	alpha-BHC	3.994	3.386	47753749	386.9E6	6.837	8.837 #
3) MA	gamma-BHC...	4.324	3.722	47008789	361.4E6	7.104	8.871
6) B	beta-BHC	4.512	4.018	20235321	154.6E6	7.843	8.918
12) B	4,4'-DDE	6.189	5.365	529395	6509193	0.102	0.170m#
14) MA	Endrin	6.569	5.780	182.4E6	1477.0E6	37.264	41.221
16) A	4,4'-DDD	6.700	5.921	8828639	34420432	2.154	1.061 #
17) MA	4,4'-DDT	7.016	6.174	311.5E6	2636.6E6	69.957	76.691
18) B	Endrin al...	6.912	6.247	1264555	15110618	0.369m	0.642 #
20) A	Methoxychlor	7.489	6.743	375.4E6	2625.7E6	159.295	150.902
21) B	Endrin ke...	7.625	6.980	3197729	24735040	0.646	0.685m

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

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Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD101425\
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Acq On : 14 Oct 2025 10:40
Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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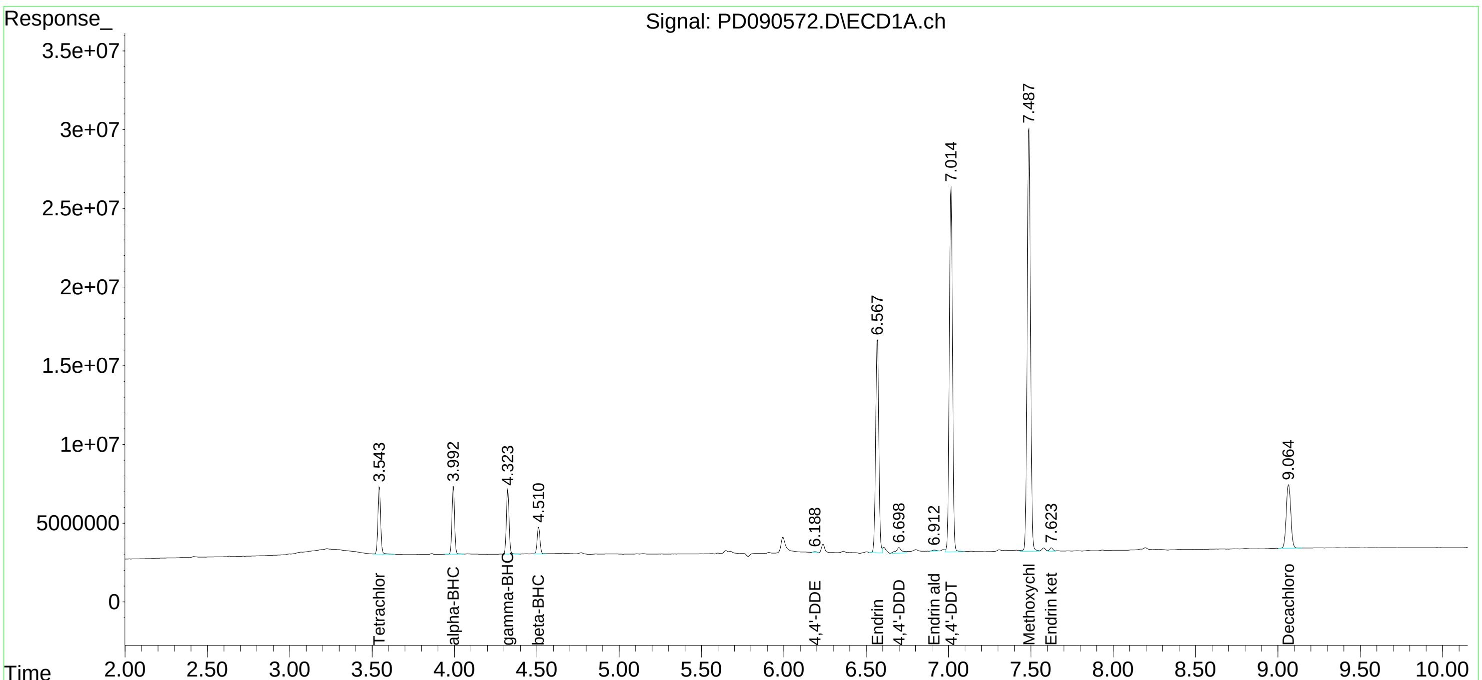

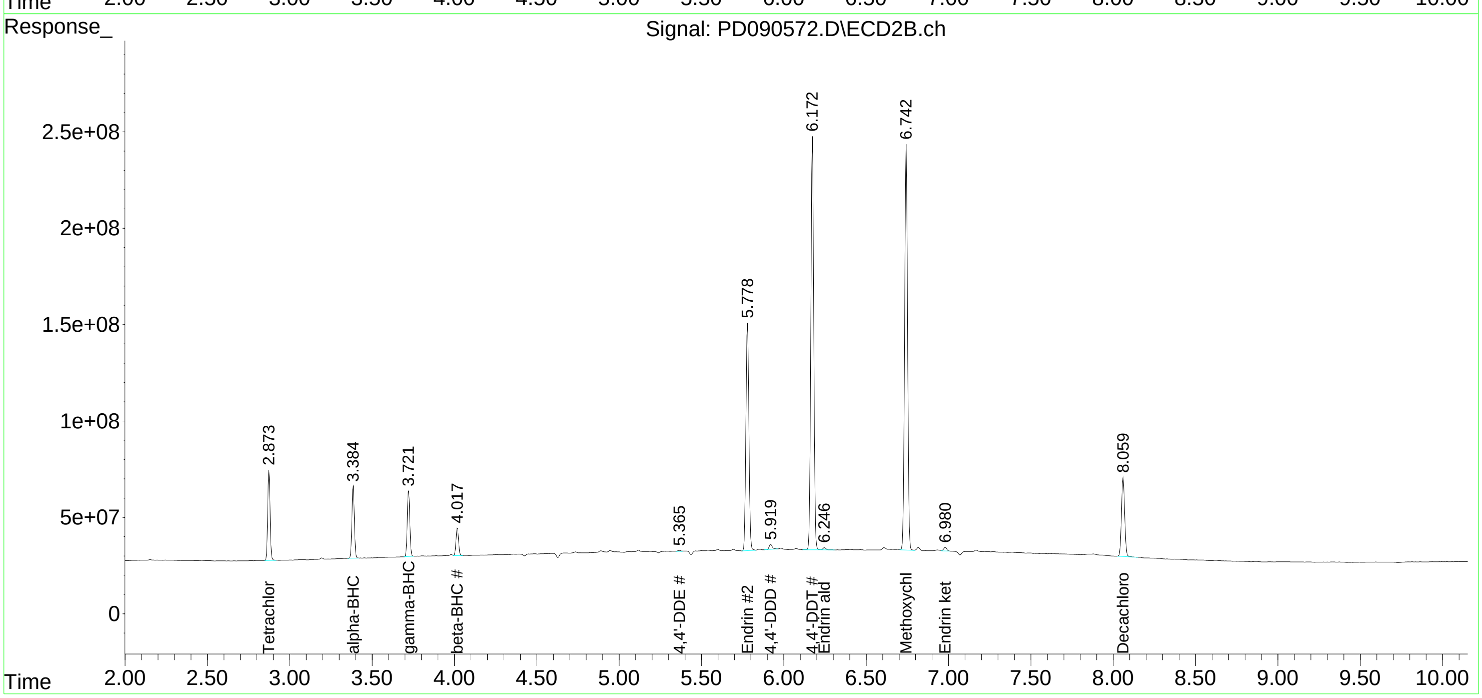

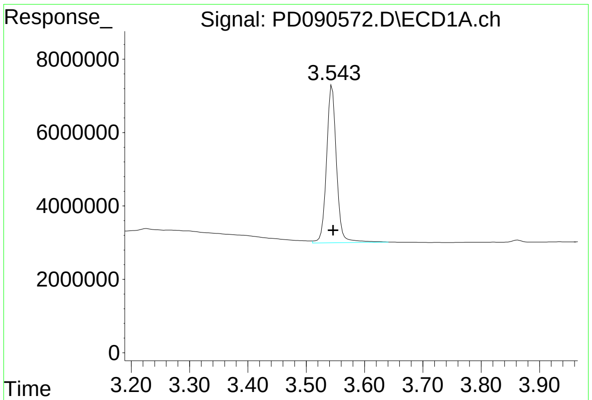


```
#1   Tetrachloro-m-xylene

      R.T.:     3.544 min
Delta R.T.:    -0.002 min
  Response:   51435676
      Conc:   15.82 ng/ml
```

Instrument :
ECD_D
ClientSampleId :
PEM

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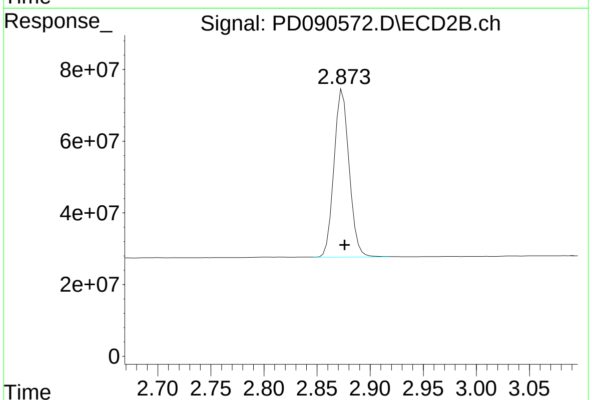
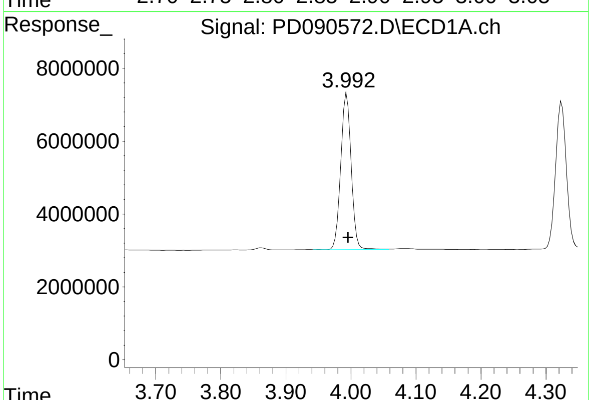


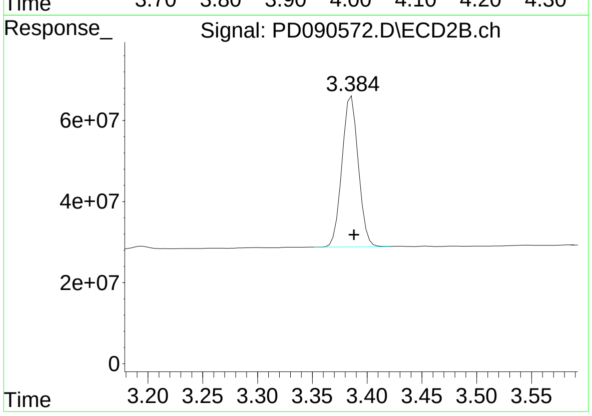

```
#1   Tetrachloro-m-xylene

      R.T.:     2.874 min
Delta R.T.:    -0.002 min
  Response:  466015756
      Conc:   16.98 ng/ml
```



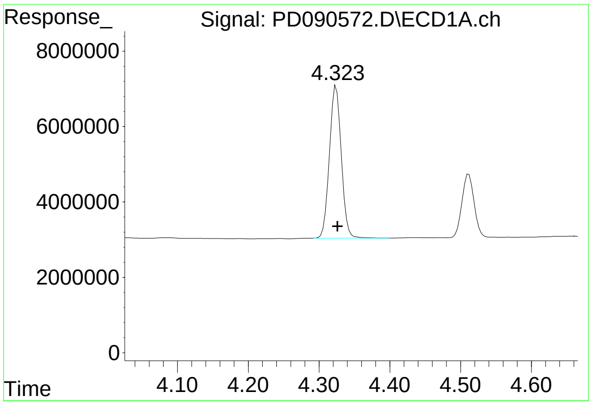

```
#2   alpha-BHC

      R.T.:     3.994 min
Delta R.T.:    -0.002 min
  Response:   47753749
      Conc:    6.84 ng/ml
```




```
#2   alpha-BHC

      R.T.:     3.386 min
Delta R.T.:    -0.002 min
  Response:  386910210
      Conc:    8.84 ng/ml
```



#3 gamma-BHC (Lindane)

R.T.: 4.324 min
Delta R.T.: -0.002 min
Response: 47008789
Conc: 7.10 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

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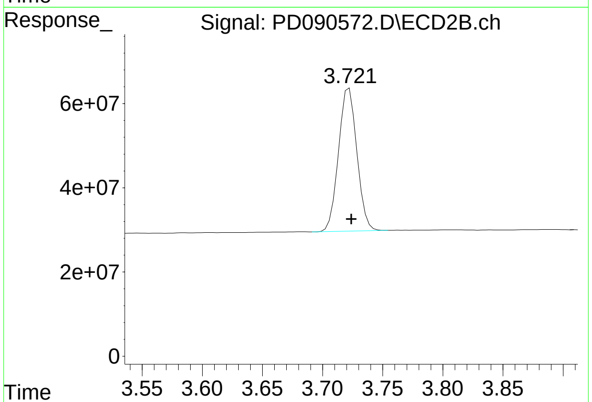
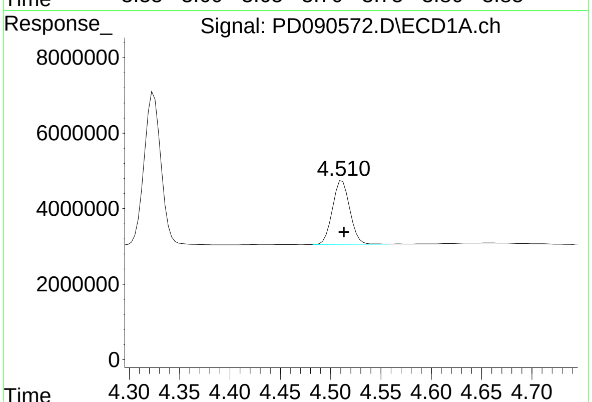


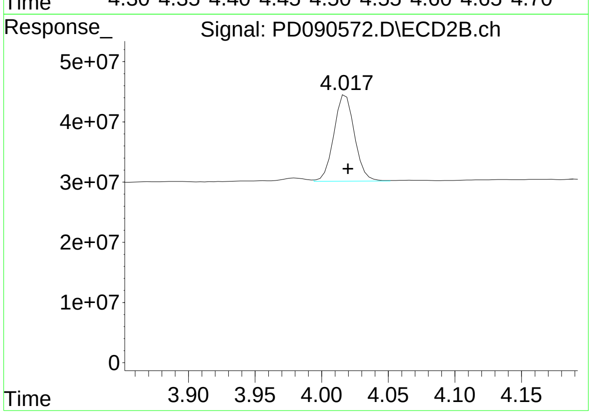
#3 gamma-BHC (Lindane)

R.T.: 3.722 min
Delta R.T.: -0.002 min
Response: 361362520
Conc: 8.87 ng/ml



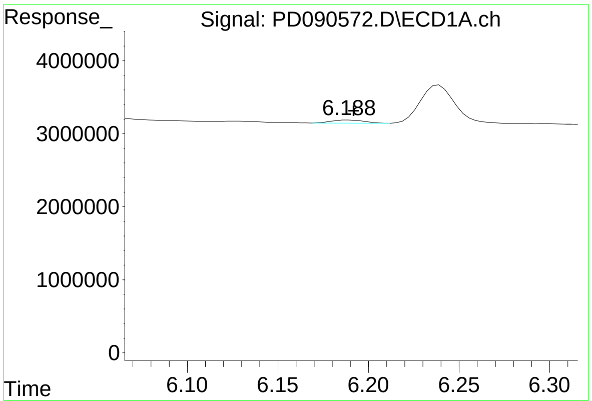
#6 beta-BHC

R.T.: 4.512 min
Delta R.T.: -0.002 min
Response: 20235321
Conc: 7.84 ng/ml



#6 beta-BHC

R.T.: 4.018 min
Delta R.T.: -0.002 min
Response: 154604715
Conc: 8.92 ng/ml



#12 4,4'-DDE

R.T.: 6.189 min
Delta R.T.: -0.003 min
Response: 529395
Conc: 0.10 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

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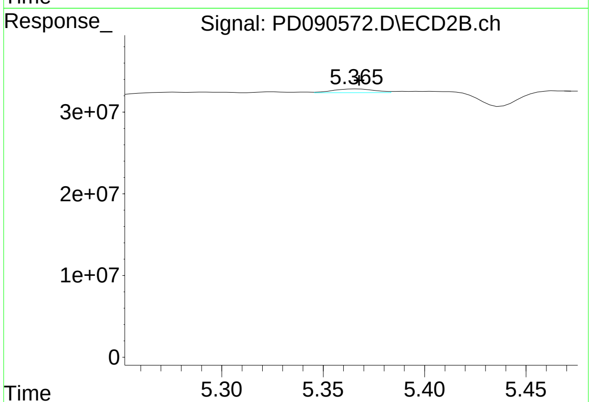
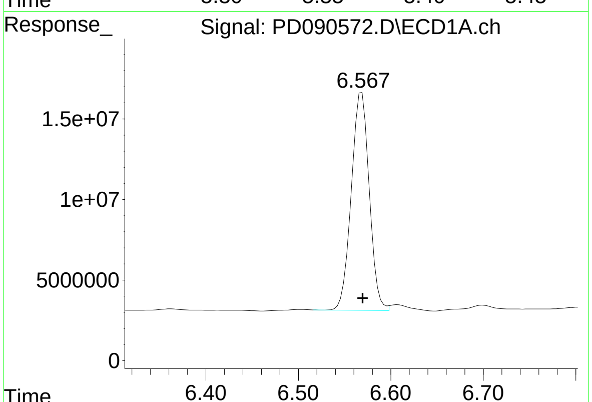


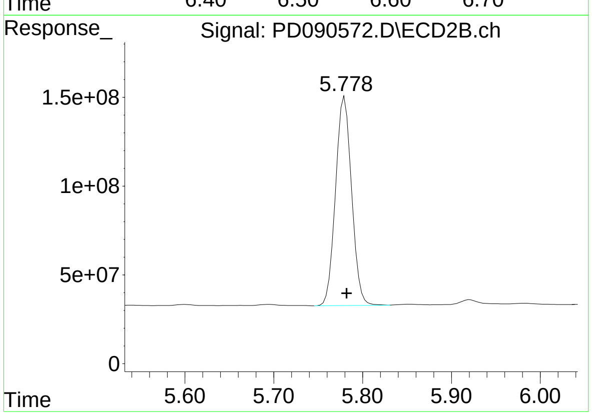
#12 4,4'-DDE

R.T.: 5.365 min
Delta R.T.: -0.003 min
Response: 6509193
Conc: 0.17 ng/ml m



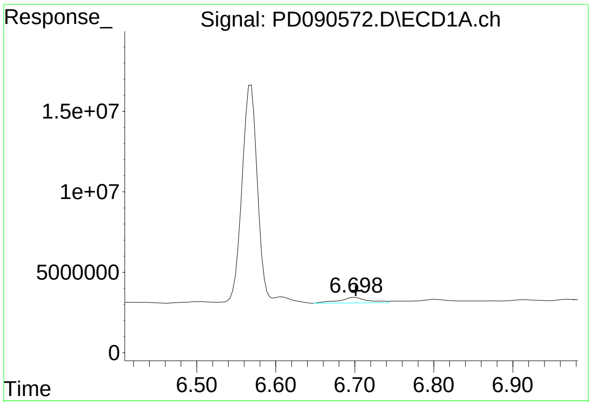
#14 Endrin

R.T.: 6.569 min
Delta R.T.: 0.000 min
Response: 182366601
Conc: 37.26 ng/ml



#14 Endrin

R.T.: 5.780 min
Delta R.T.: -0.002 min
Response: 1477048406
Conc: 41.22 ng/ml



#16 4,4'-DDD

R.T.: 6.700 min
Delta R.T.: -0.002 min
Response: 8828639
Conc: 2.15 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

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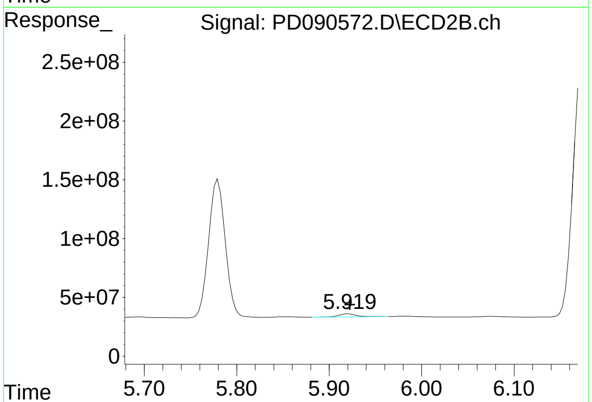
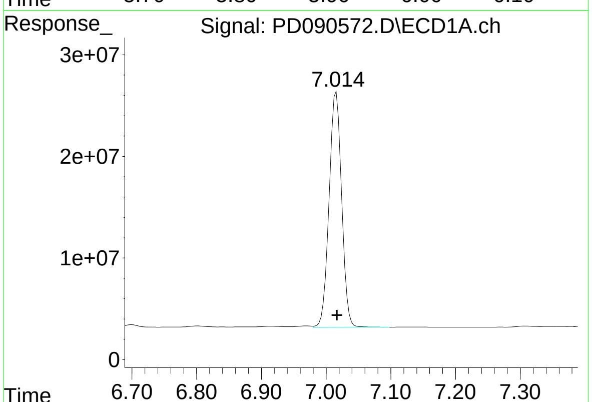


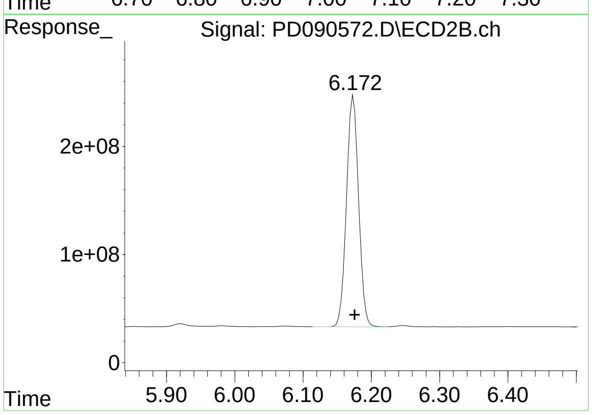
#16 4,4'-DDD

R.T.: 5.921 min
Delta R.T.: -0.002 min
Response: 34420432
Conc: 1.06 ng/ml



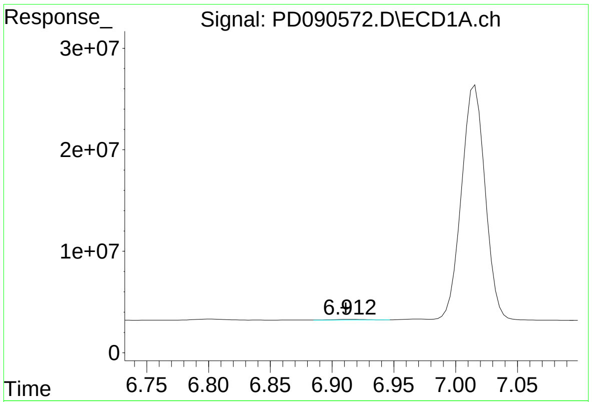
#17 4,4'-DDT

R.T.: 7.016 min
Delta R.T.: -0.001 min
Response: 311480745
Conc: 69.96 ng/ml



#17 4,4'-DDT

R.T.: 6.174 min
Delta R.T.: -0.002 min
Response: 2636580353
Conc: 76.69 ng/ml



#18 Endrin aldehyde

R.T.: 6.912 min
Delta R.T.: 0.001 min
Response: 1264555
Conc: 0.37 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

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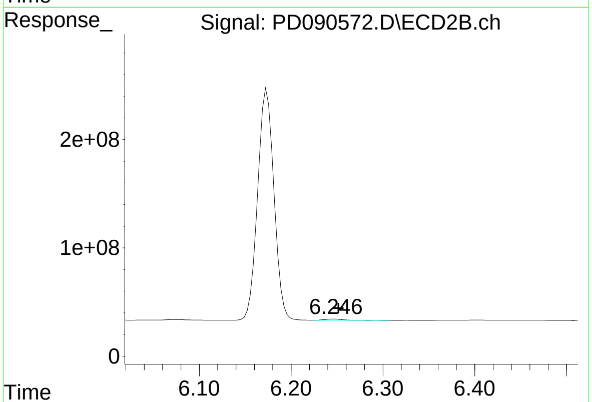
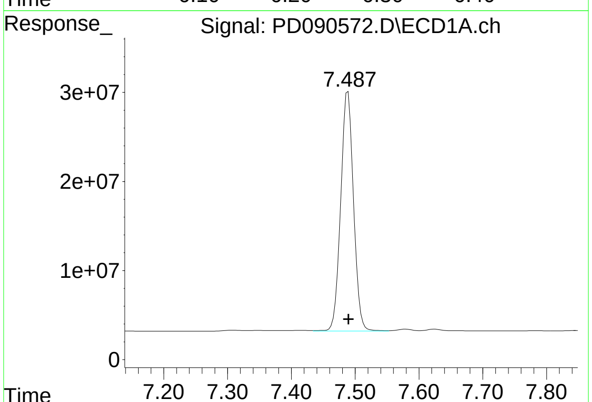


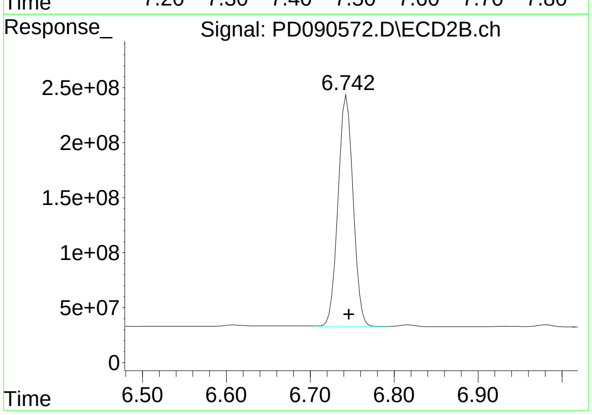
#18 Endrin aldehyde

R.T.: 6.247 min
Delta R.T.: -0.004 min
Response: 15110618
Conc: 0.64 ng/ml



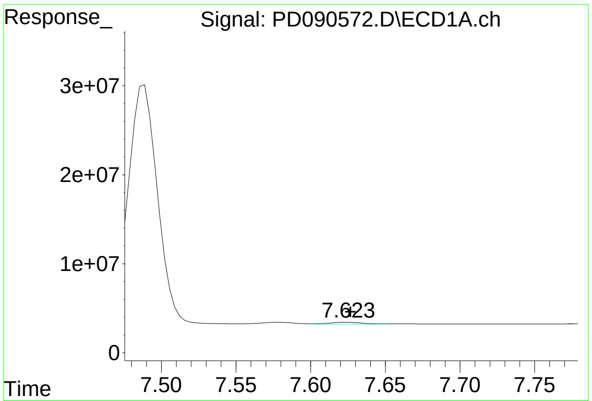
#20 Methoxychlor

R.T.: 7.489 min
Delta R.T.: 0.000 min
Response: 375380332
Conc: 159.30 ng/ml



#20 Methoxychlor

R.T.: 6.743 min
Delta R.T.: -0.003 min
Response: 2625746678
Conc: 150.90 ng/ml




```
#21  Endrin ketone

      R.T.:    7.625 min
Delta R.T.:   -0.002 min
  Response:   3197729
      Conc:   0.65 ng/ml
```

Instrument :
ECD_D
ClientSampleId :
PEM

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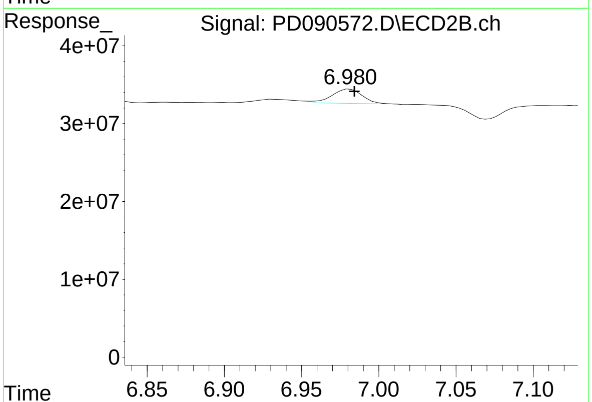
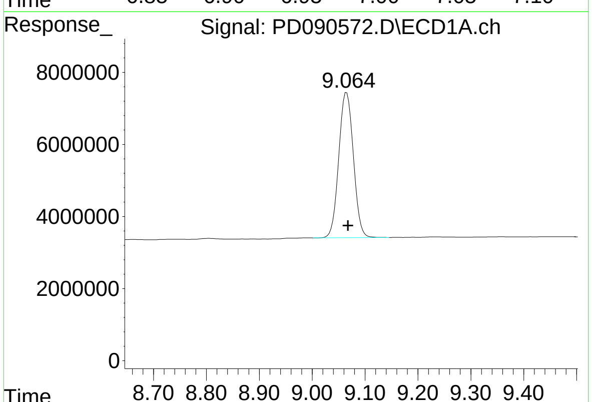


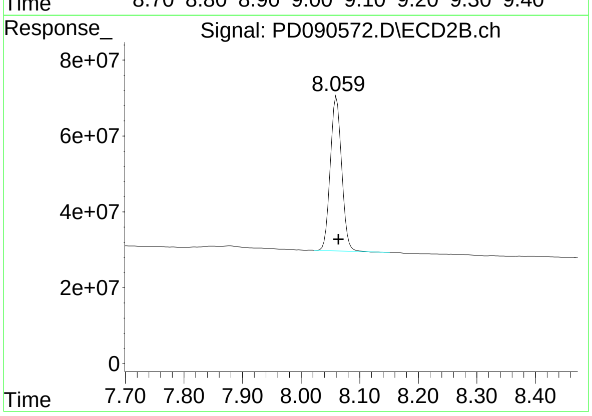

```
#21  Endrin ketone

      R.T.:    6.980 min
Delta R.T.:   -0.005 min
  Response:  24735040
      Conc:   0.69 ng/ml m
```




```
#28  Decachlorobiphenyl

      R.T.:    9.065 min
Delta R.T.:   -0.002 min
  Response:  77539469
      Conc:  16.07 ng/ml
```




```
#28  Decachlorobiphenyl

      R.T.:    8.061 min
Delta R.T.:   -0.003 min
  Response: 547136291
      Conc:  16.88 ng/ml
```