

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD120324\
 Data File : PD086999.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 03 Dec 2024 09:47
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 12/04/2024
 Supervised By :Ankita Jodhani 12/04/2024

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 03 21:32:09 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD112724.M
 Quant Title : GC Extractables
 QLast Update : Wed Nov 27 15:47:26 2024
 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...	3.557	2.884	39955432	242.0E6	19.980	21.145
28) SA Decachlor...	9.087	8.085	60092802	278.5E6	18.891	19.989
Target Compounds						
2) A alpha-BHC	4.006	3.397	36797568	194.5E6	9.144	11.037
3) MA gamma-BHC...	4.337	3.734	36705646	180.8E6	9.203	10.764
6) B beta-BHC	4.521	4.029	16859250	83380523	10.689	11.642
12) B 4,4'-DDE	6.209	5.381	408031	1266827	0.125m	0.084m#
14) MA Endrin	6.583	5.797	135.5E6	616.3E6	44.780	44.054
16) A 4,4'-DDD	6.713	5.939	3278184	13076268	1.261	1.040
17) MA 4,4'-DDT	7.030	6.193	277.9E6	1189.8E6	98.371	89.231
18) B Endrin al...	6.923	6.267	3386395	21284380	1.385	1.919 #
20) A Methoxychlor	7.503	6.765	361.7E6	1272.8E6	226.163	177.442
21) B Endrin ke...	7.639	6.999	6753959	40408183	2.081	2.681 #

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

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Acq On : 03 Dec 2024 09:47
Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

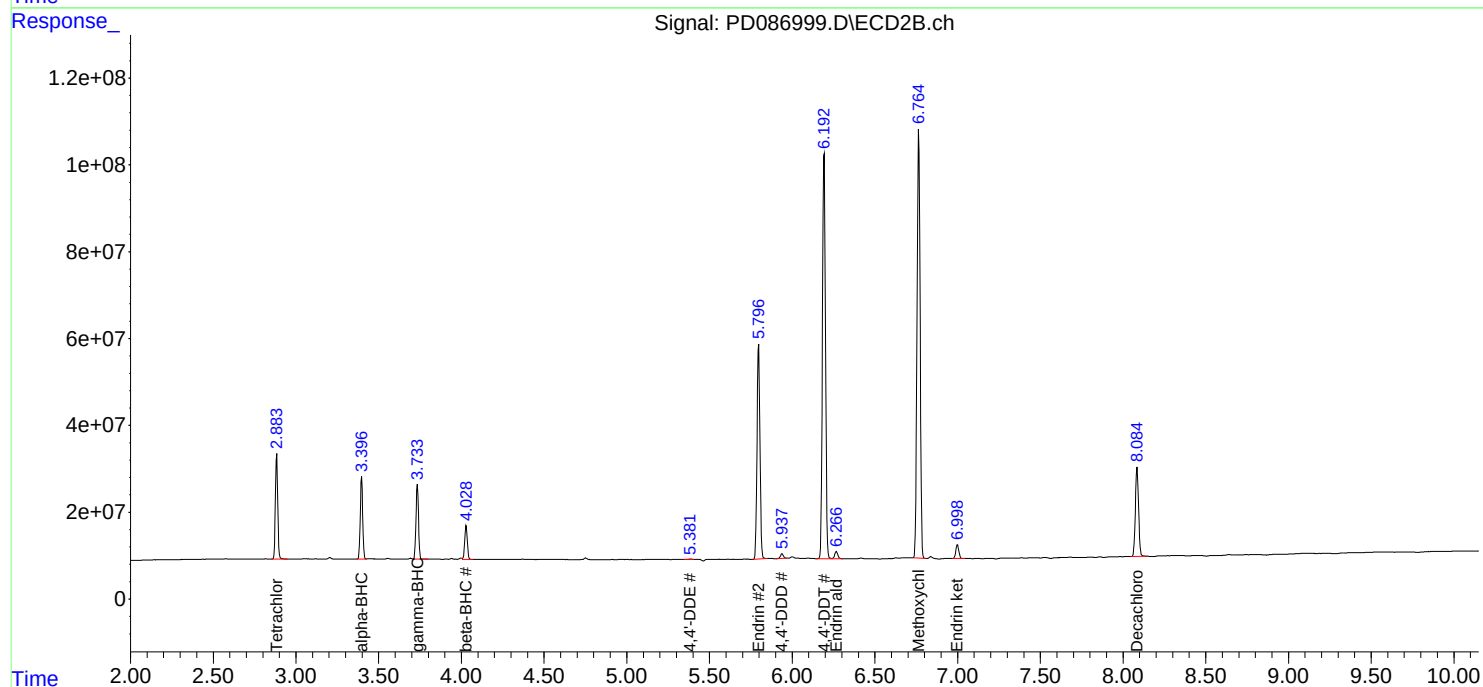
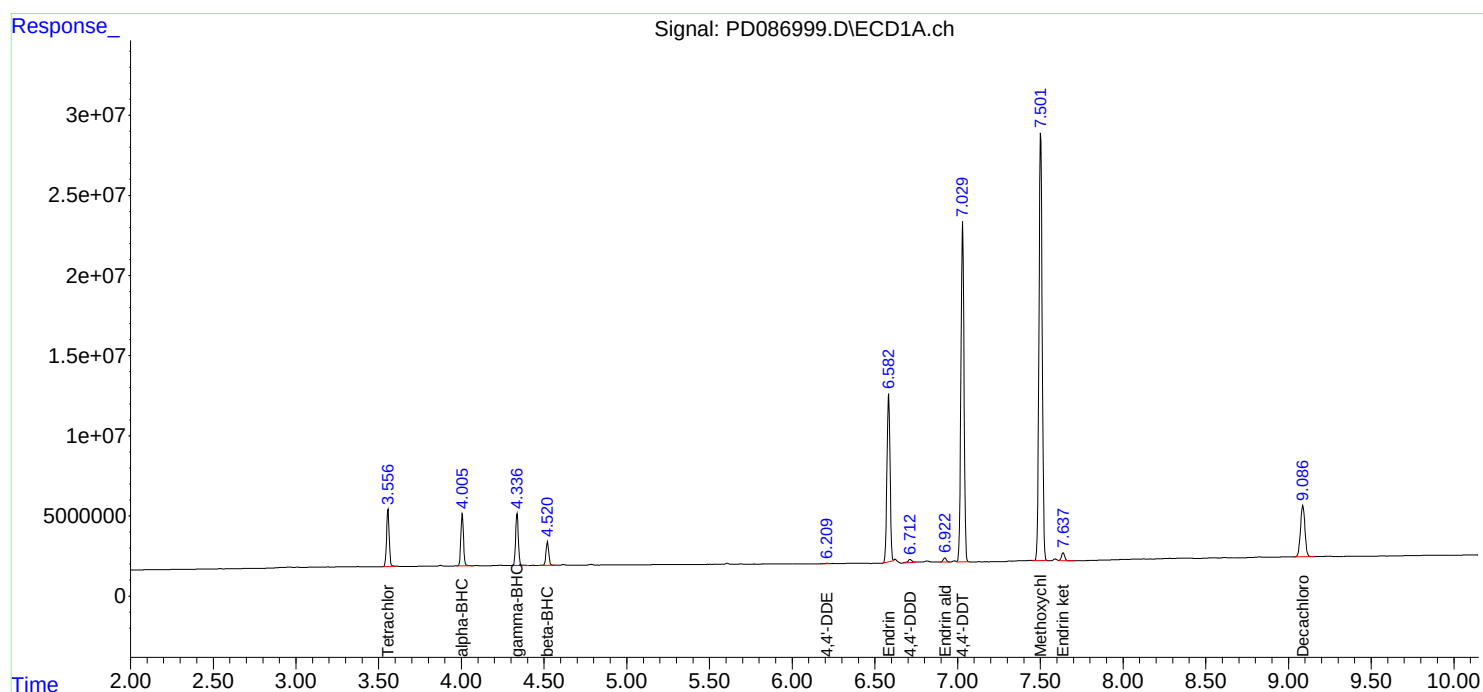
Instrument :
ECD_D
ClientSampleId :
PEM

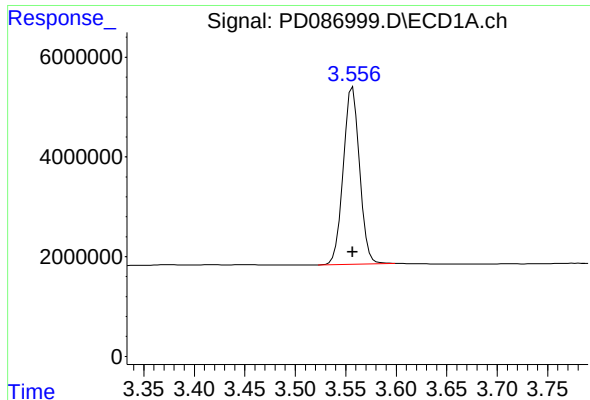
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Integration File signal 1: autoint1.e
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Quant Title : GC Extractables
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Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
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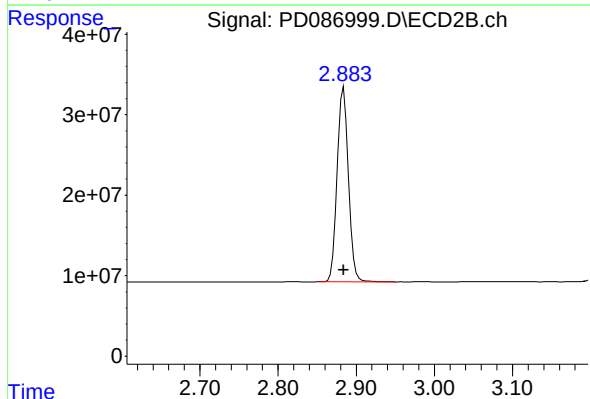
#1 Tetrachloro-m-xylene

R.T.: 3.557 min
Delta R.T.: 0.000 min
Response: 39955432
Conc: 19.98 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

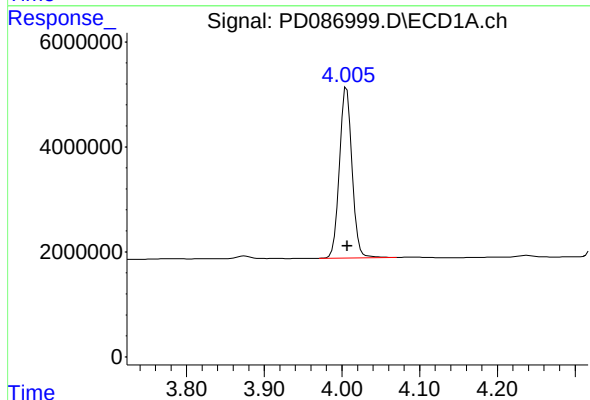
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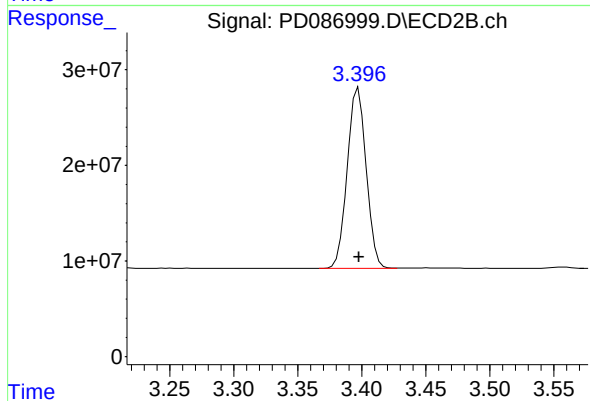
#1 Tetrachloro-m-xylene

R.T.: 2.884 min
Delta R.T.: 0.000 min
Response: 242029459
Conc: 21.14 ng/ml



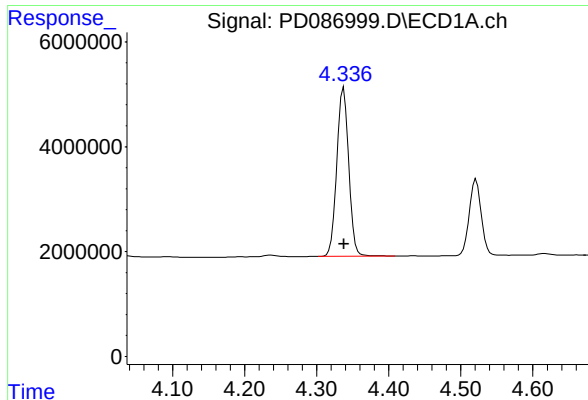
#2 alpha-BHC

R.T.: 4.006 min
Delta R.T.: 0.000 min
Response: 36797568
Conc: 9.14 ng/ml



#2 alpha-BHC

R.T.: 3.397 min
Delta R.T.: 0.000 min
Response: 194477174
Conc: 11.04 ng/ml



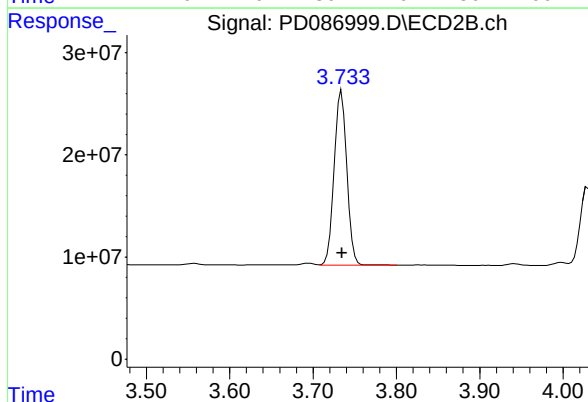
#3 gamma-BHC (Lindane)

R.T.: 4.337 min
Delta R.T.: 0.000 min
Response: 36705646
Conc: 9.20 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

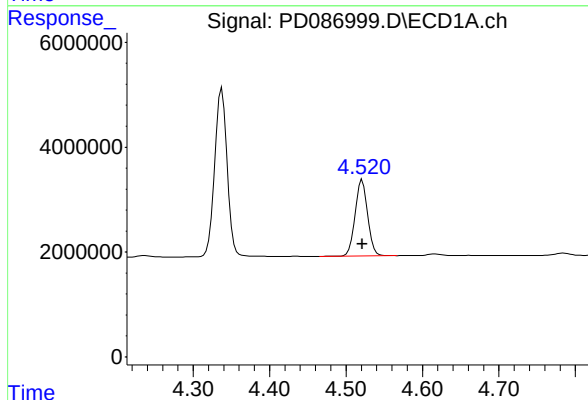
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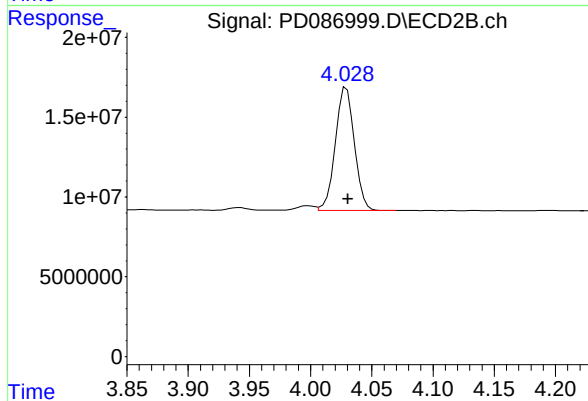
#3 gamma-BHC (Lindane)

R.T.: 3.734 min
Delta R.T.: 0.000 min
Response: 180776992
Conc: 10.76 ng/ml



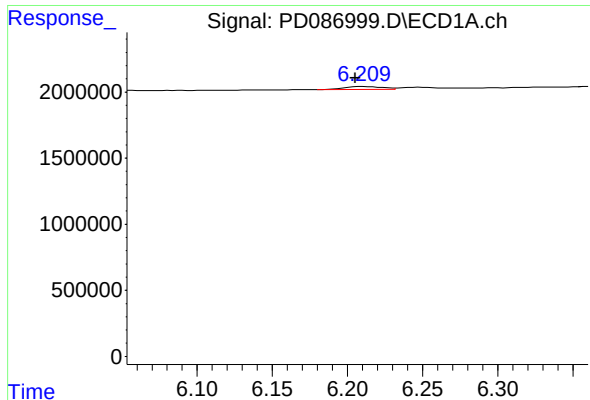
#6 beta-BHC

R.T.: 4.521 min
Delta R.T.: 0.000 min
Response: 16859250
Conc: 10.69 ng/ml



#6 beta-BHC

R.T.: 4.029 min
Delta R.T.: -0.001 min
Response: 83380523
Conc: 11.64 ng/ml



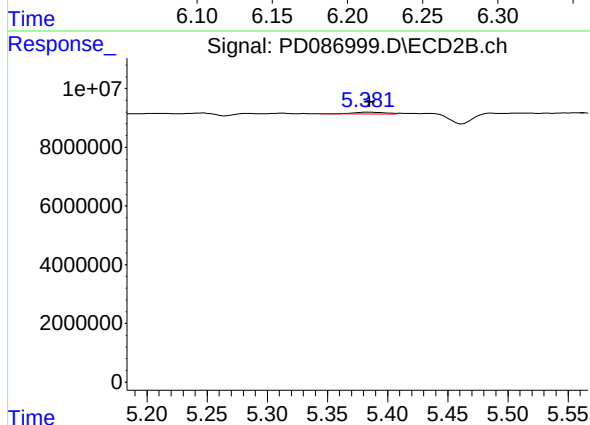
#12 4,4'-DDE

R.T.: 6.209 min
Delta R.T.: 0.004 min
Response: 408031
Conc: 0.13 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

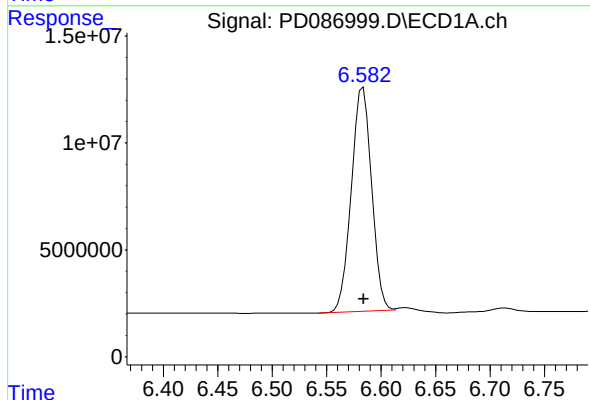
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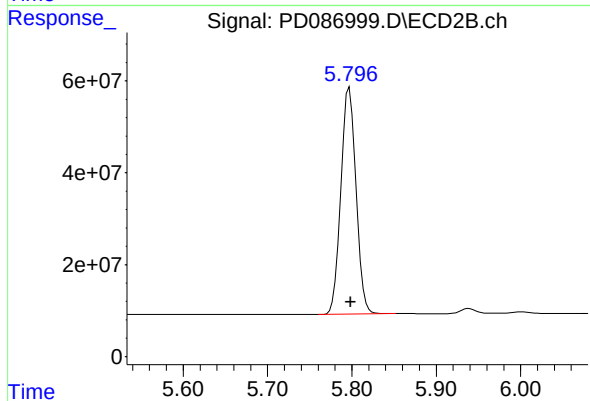
#12 4,4'-DDE

R.T.: 5.381 min
Delta R.T.: -0.004 min
Response: 1266827
Conc: 0.08 ng/ml



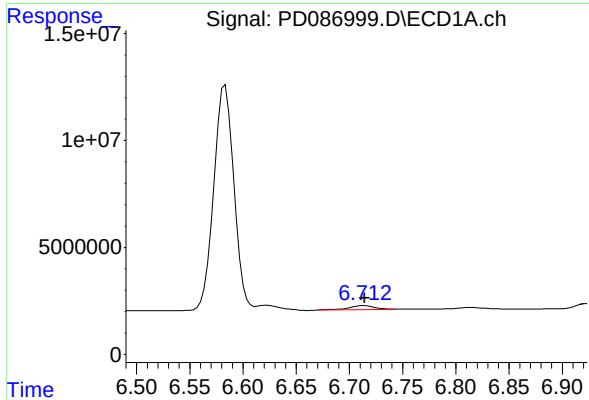
#14 Endrin

R.T.: 6.583 min
Delta R.T.: 0.000 min
Response: 135502947
Conc: 44.78 ng/ml



#14 Endrin

R.T.: 5.797 min
Delta R.T.: -0.002 min
Response: 616260085
Conc: 44.05 ng/ml



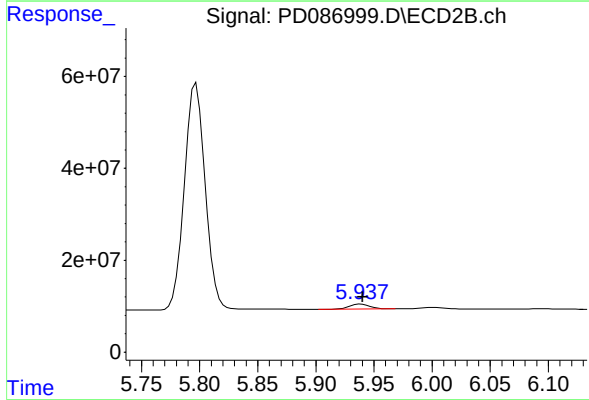
#16 4,4'-DDD

R.T.: 6.713 min
Delta R.T.: -0.001 min
Response: 3278184
Conc: 1.26 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

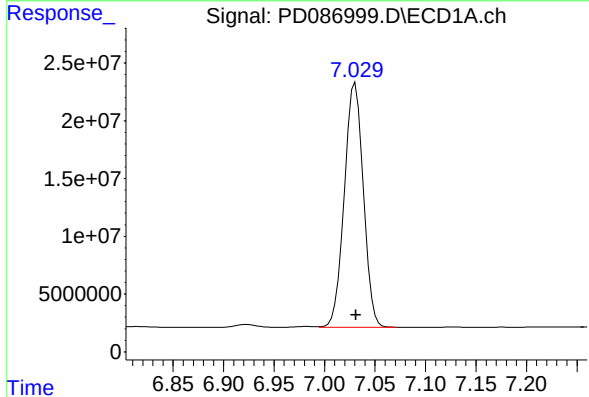
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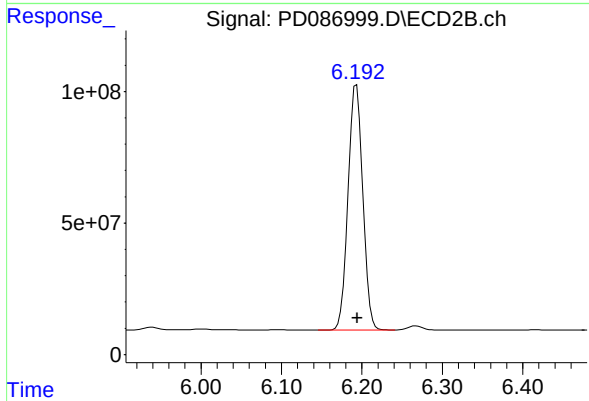
#16 4,4'-DDD

R.T.: 5.939 min
Delta R.T.: -0.001 min
Response: 13076268
Conc: 1.04 ng/ml



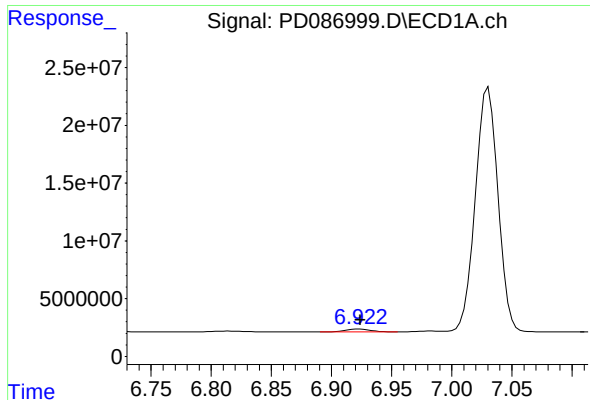
#17 4,4'-DDT

R.T.: 7.030 min
Delta R.T.: 0.000 min
Response: 277885981
Conc: 98.37 ng/ml



#17 4,4'-DDT

R.T.: 6.193 min
Delta R.T.: -0.001 min
Response: 1189790479
Conc: 89.23 ng/ml



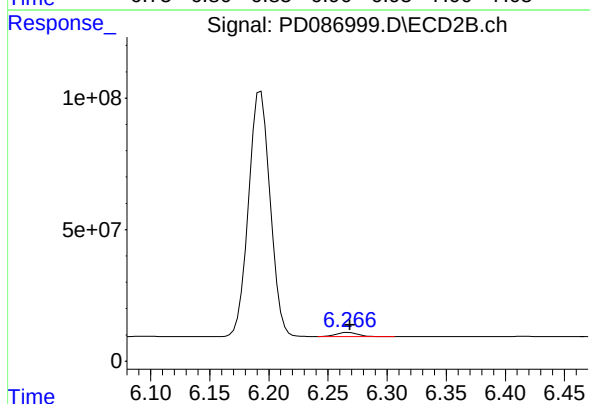
#18 Endrin aldehyde

R.T.: 6.923 min
Delta R.T.: 0.000 min
Response: 3386395
Conc: 1.39 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

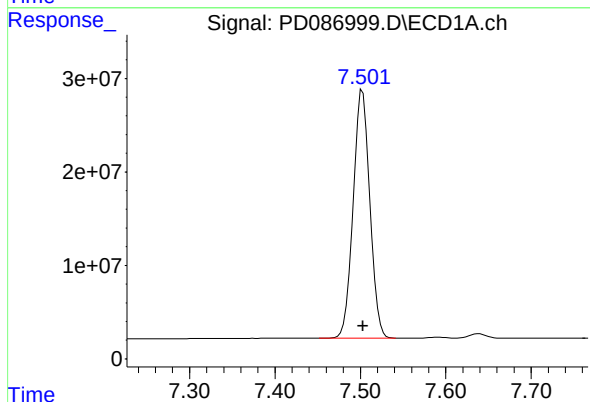
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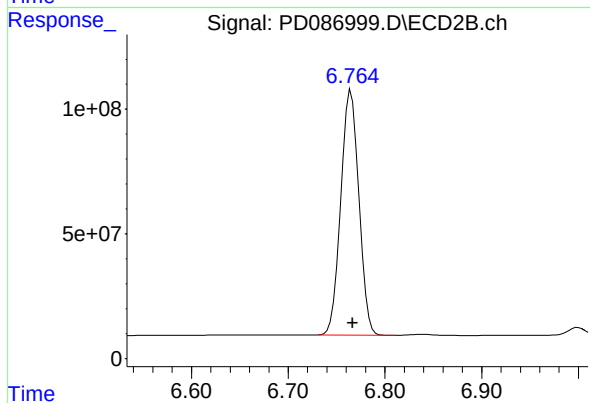
#18 Endrin aldehyde

R.T.: 6.267 min
Delta R.T.: -0.001 min
Response: 21284380
Conc: 1.92 ng/ml



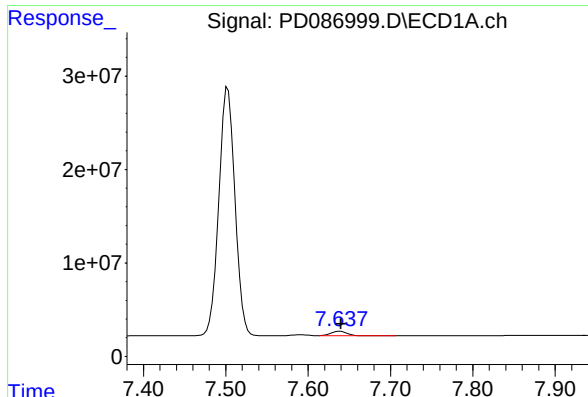
#20 Methoxychlor

R.T.: 7.503 min
Delta R.T.: 0.000 min
Response: 361698338
Conc: 226.16 ng/ml



#20 Methoxychlor

R.T.: 6.765 min
Delta R.T.: -0.001 min
Response: 1272830531
Conc: 177.44 ng/ml



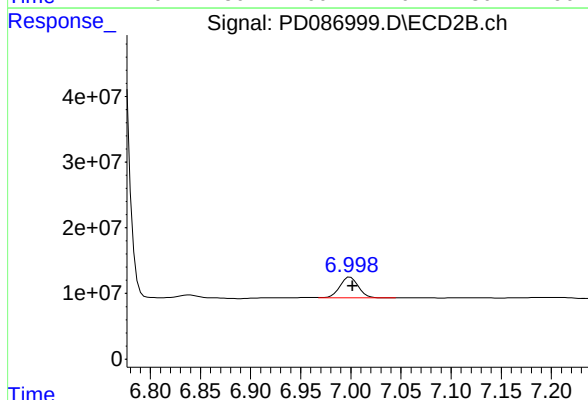
#21 Endrin ketone

R.T.: 7.639 min
Delta R.T.: -0.001 min
Response: 6753959
Conc: 2.08 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

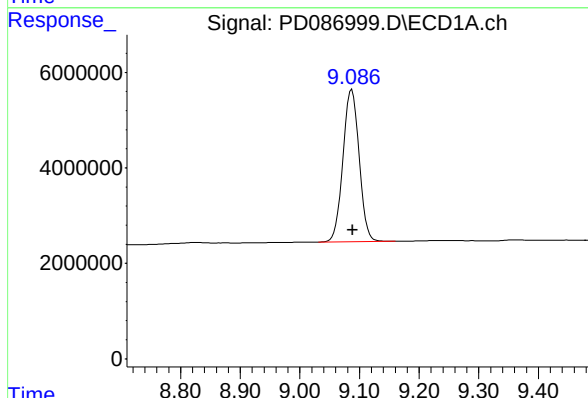
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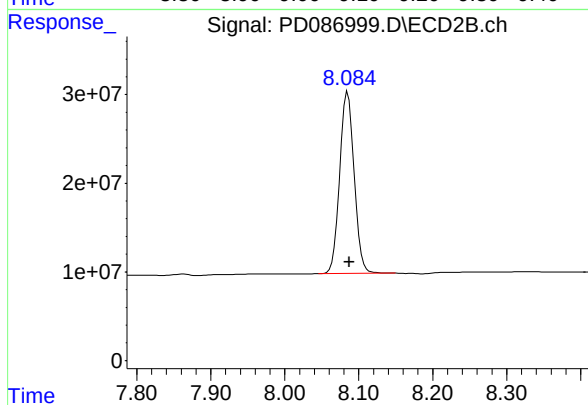
#21 Endrin ketone

R.T.: 6.999 min
Delta R.T.: -0.002 min
Response: 40408183
Conc: 2.68 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.087 min
Delta R.T.: -0.002 min
Response: 60092802
Conc: 18.89 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.085 min
Delta R.T.: -0.002 min
Response: 278500301
Conc: 19.99 ng/ml