

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD120224\
 Data File : PD086986.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 02 Dec 2024 10:11
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 12/03/2024
 Supervised By :Ankita Jodhani 12/03/2024

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 02 23:53:14 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	39851143	241.8E6	19.928	21.122
28) SA Decachlor...	9.087	8.087	63677249	285.4E6	20.018	20.482
Target Compounds						
2) A alpha-BHC	4.007	3.398	36633447	193.5E6	9.104	10.980
3) MA gamma-BHC...	4.338	3.734	36405843	178.7E6	9.128	10.643
6) B beta-BHC	4.521	4.030	16752004	82928653	10.621	11.579
12) B 4,4'-DDE	6.209	5.383	363631	1009666	0.112m	0.067m#
14) MA Endrin	6.584	5.798	135.0E6	599.5E6	44.618	42.857
16) A 4,4'-DDD	6.712	5.940	1499933	7804377	0.577m	0.621
17) MA 4,4'-DDT	7.031	6.194	280.4E6	1161.7E6	99.245	87.122
18) B Endrin al...	6.924	6.268	3563637	23222623	1.458	2.093 #
20) A Methoxychlor	7.503	6.765	363.0E6	1195.5E6	226.992	166.660 #
21) B Endrin ke...	7.640	7.000	6637368	41617651	2.045	2.761 #

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

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Data File : PD086986.D
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Acq On : 02 Dec 2024 10:11
Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

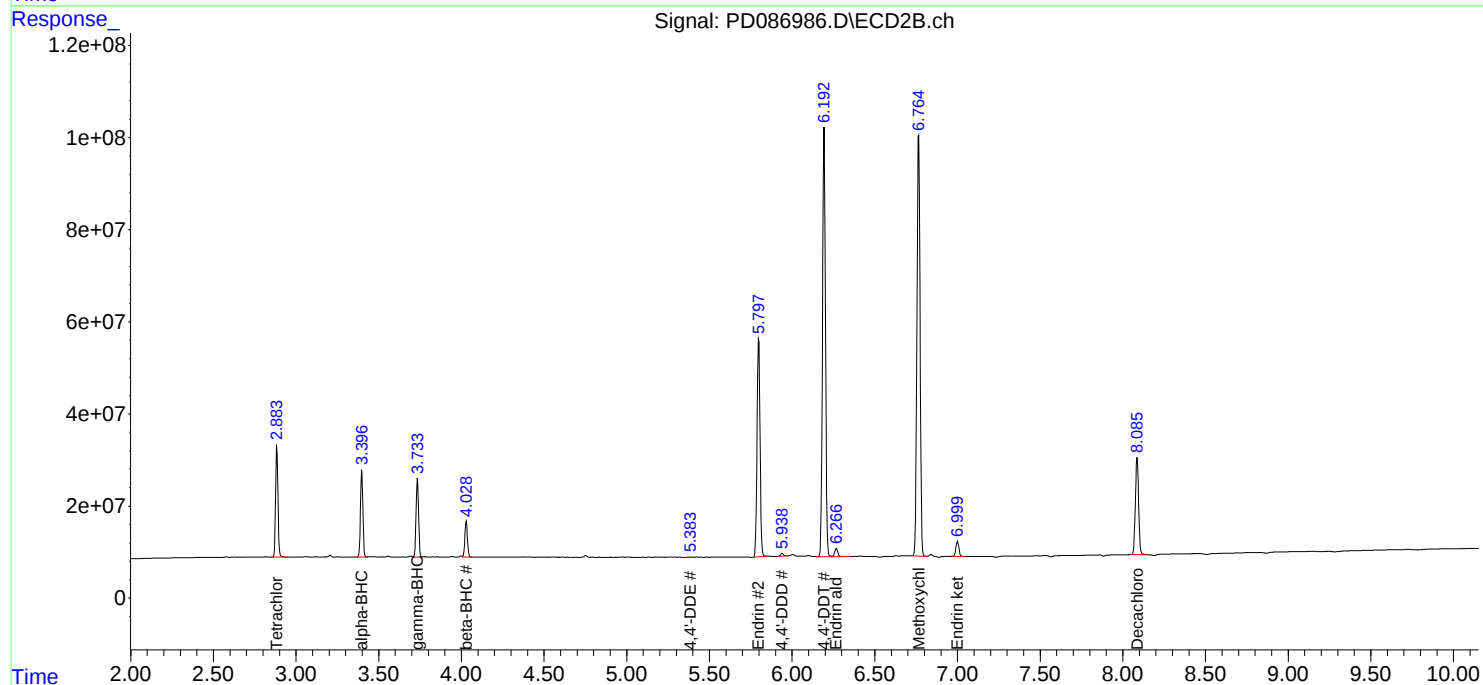
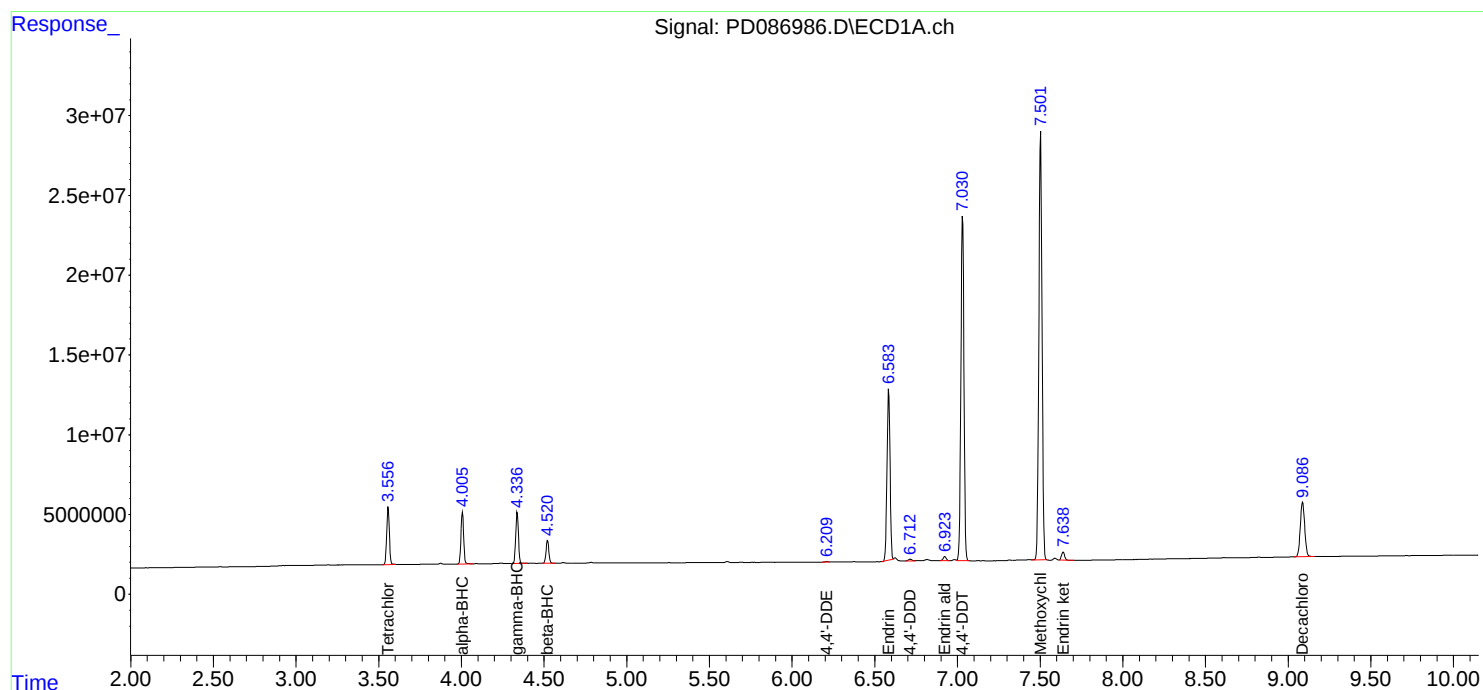
Instrument :
ECD_D
ClientSampleId :
PEM

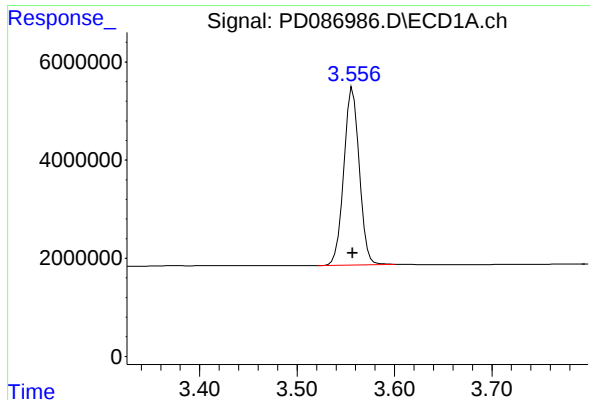
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Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Dec 02 23:53:14 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD112724.M
Quant Title : GC Extractables
QLast Update : Wed Nov 27 15:47:26 2024
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Volume Inj. : 1 µl
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Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm





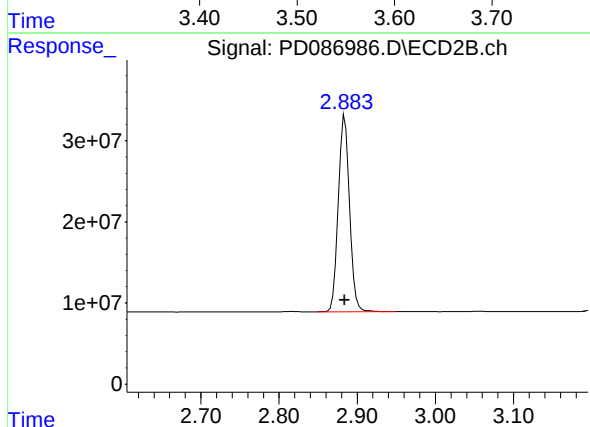
#1 Tetrachloro-m-xylene

R.T.: 3.557 min
Delta R.T.: 0.000 min
Response: 39851143
Conc: 19.93 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

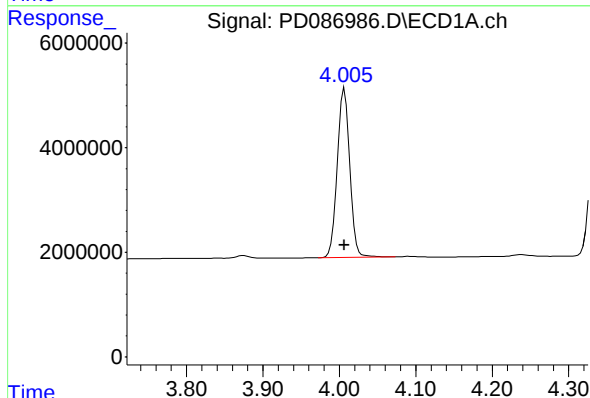
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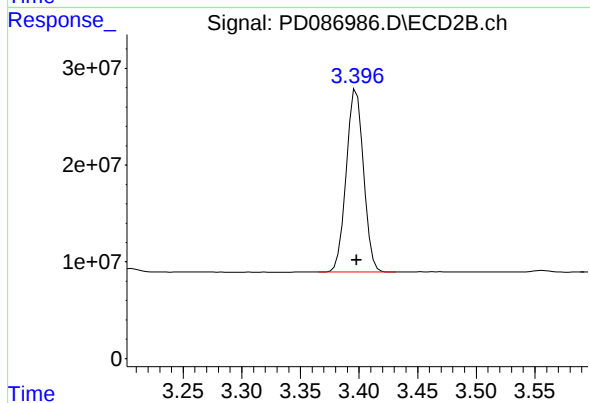
#1 Tetrachloro-m-xylene

R.T.: 2.884 min
Delta R.T.: 0.000 min
Response: 241769886
Conc: 21.12 ng/ml



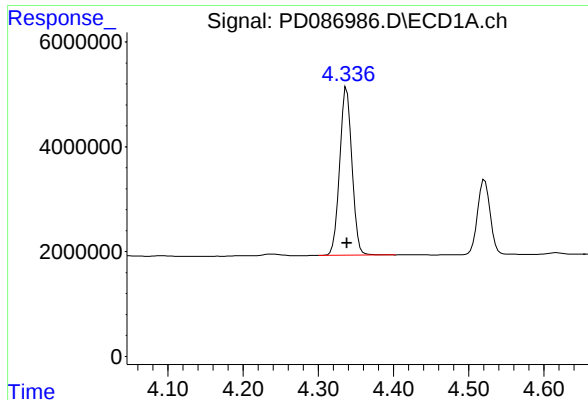
#2 alpha-BHC

R.T.: 4.007 min
Delta R.T.: 0.000 min
Response: 36633447
Conc: 9.10 ng/ml



#2 alpha-BHC

R.T.: 3.398 min
Delta R.T.: 0.000 min
Response: 193471203
Conc: 10.98 ng/ml



#3 gamma-BHC (Lindane)

R.T.: 4.338 min
Delta R.T.: 0.000 min
Response: 36405843
Conc: 9.13 ng/ml

Instrument :

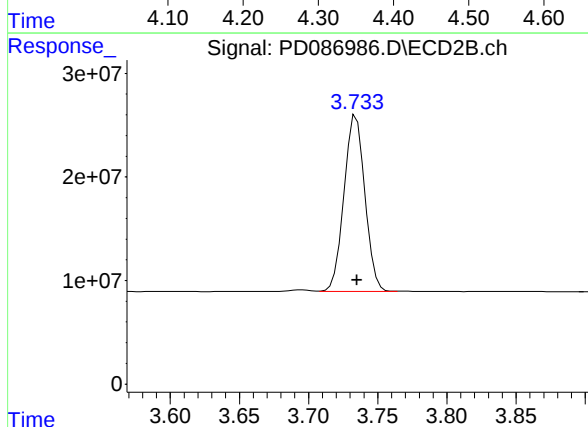
ECD_D

ClientSampleId :

PEM

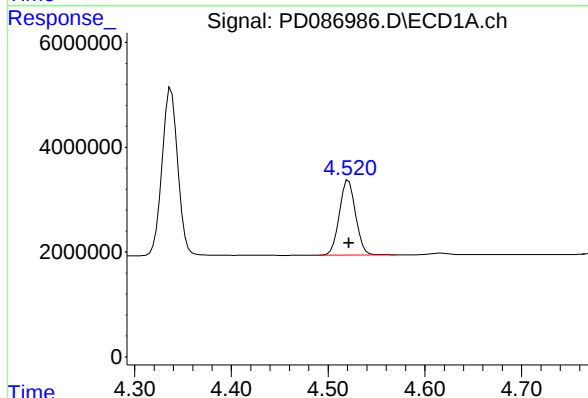
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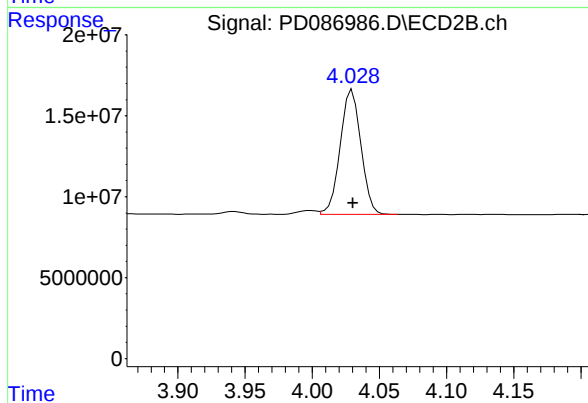
#3 gamma-BHC (Lindane)

R.T.: 3.734 min
Delta R.T.: 0.000 min
Response: 178739227
Conc: 10.64 ng/ml



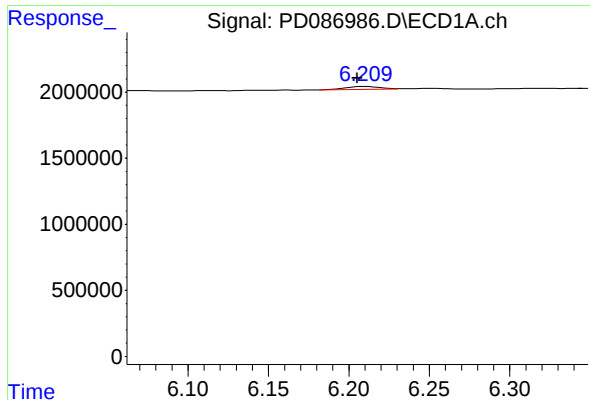
#6 beta-BHC

R.T.: 4.521 min
Delta R.T.: 0.000 min
Response: 16752004
Conc: 10.62 ng/ml



#6 beta-BHC

R.T.: 4.030 min
Delta R.T.: 0.000 min
Response: 82928653
Conc: 11.58 ng/ml



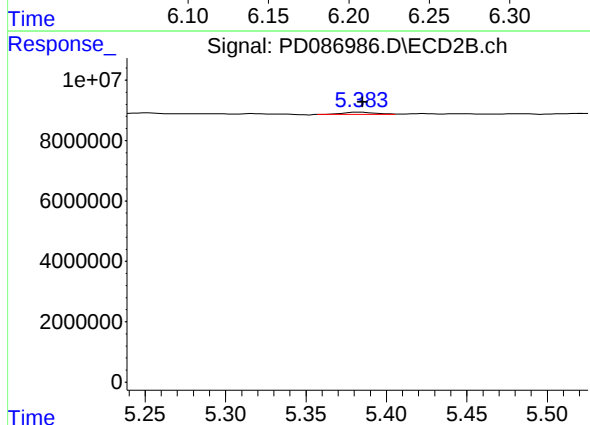
#12 4,4'-DDE

R.T.: 6.209 min
Delta R.T.: 0.003 min
Response: 363631
Conc: 0.11 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

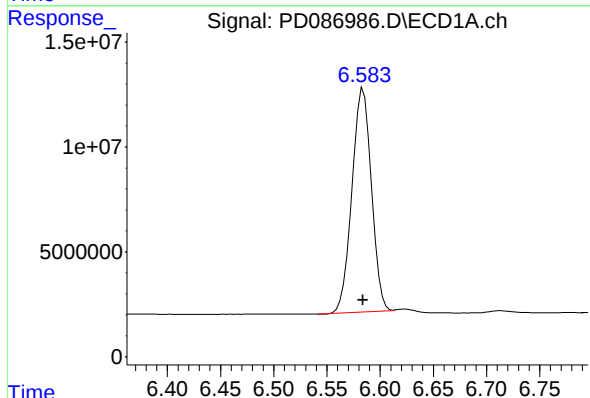
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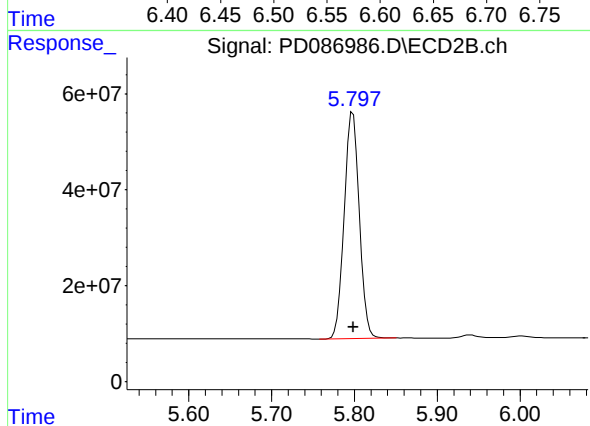
#12 4,4'-DDE

R.T.: 5.383 min
Delta R.T.: -0.002 min
Response: 1009666
Conc: 0.07 ng/ml



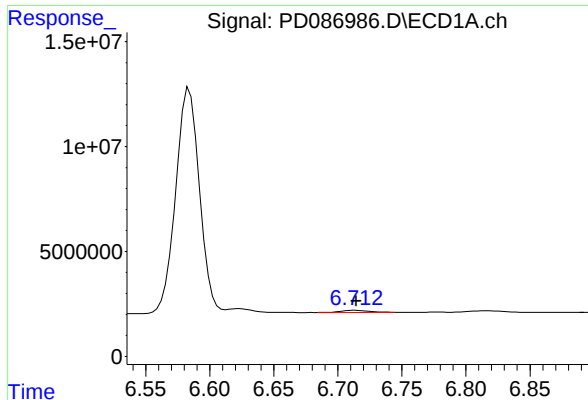
#14 Endrin

R.T.: 6.584 min
Delta R.T.: 0.000 min
Response: 135011899
Conc: 44.62 ng/ml



#14 Endrin

R.T.: 5.798 min
Delta R.T.: 0.000 min
Response: 599515307
Conc: 42.86 ng/ml



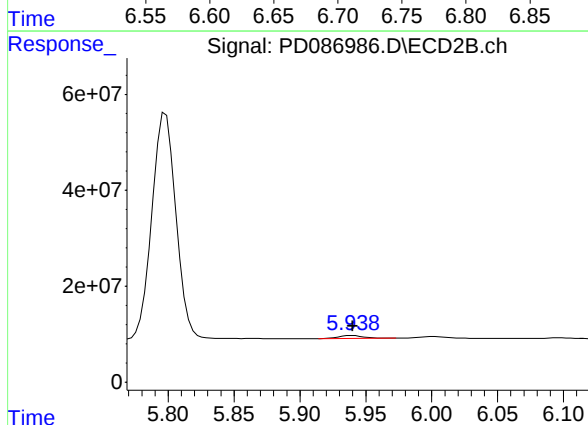
#16 4,4'-DDD

R.T.: 6.712 min
Delta R.T.: -0.002 min
Response: 1499933
Conc: 0.58 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

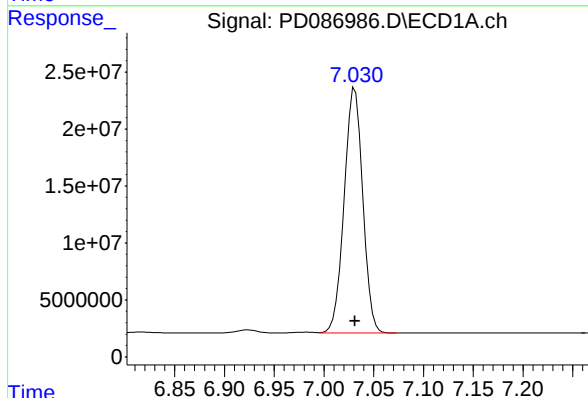
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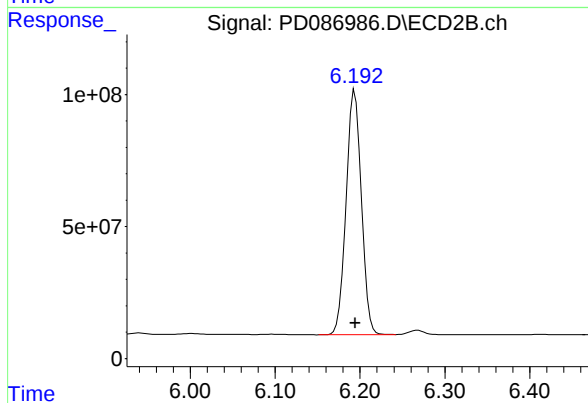
#16 4,4'-DDD

R.T.: 5.940 min
Delta R.T.: 0.000 min
Response: 7804377
Conc: 0.62 ng/ml



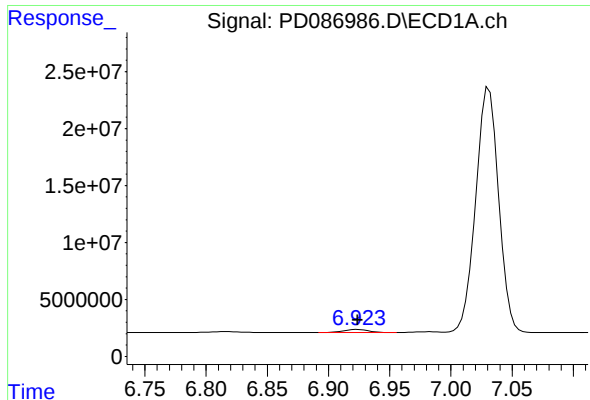
#17 4,4'-DDT

R.T.: 7.031 min
Delta R.T.: 0.000 min
Response: 280356653
Conc: 99.25 ng/ml



#17 4,4'-DDT

R.T.: 6.194 min
Delta R.T.: 0.000 min
Response: 1161670182
Conc: 87.12 ng/ml



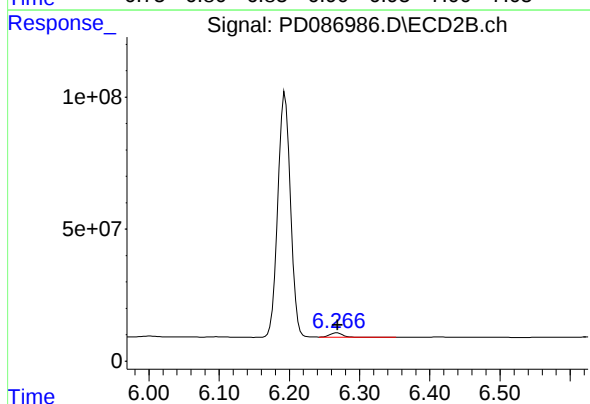
#18 Endrin aldehyde

R.T.: 6.924 min
Delta R.T.: 0.000 min
Response: 3563637
Conc: 1.46 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

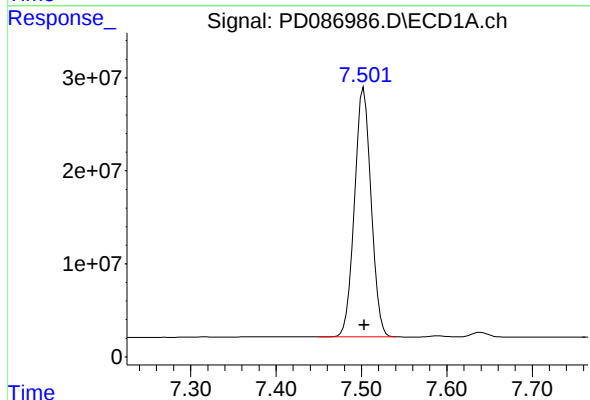
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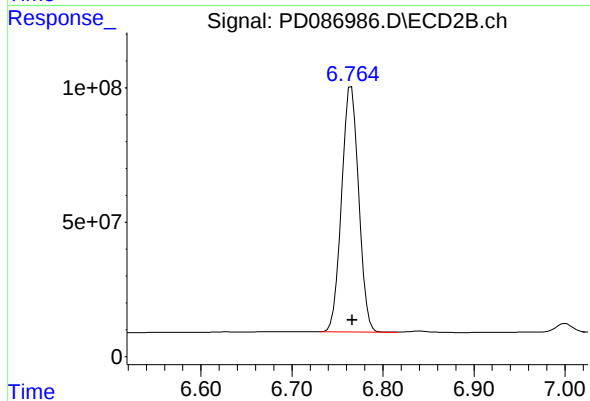
#18 Endrin aldehyde

R.T.: 6.268 min
Delta R.T.: 0.000 min
Response: 23222623
Conc: 2.09 ng/ml



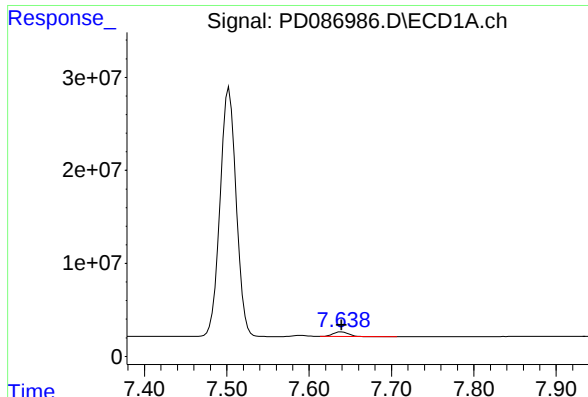
#20 Methoxychlor

R.T.: 7.503 min
Delta R.T.: 0.000 min
Response: 363024983
Conc: 226.99 ng/ml



#20 Methoxychlor

R.T.: 6.765 min
Delta R.T.: -0.001 min
Response: 1195490006
Conc: 166.66 ng/ml



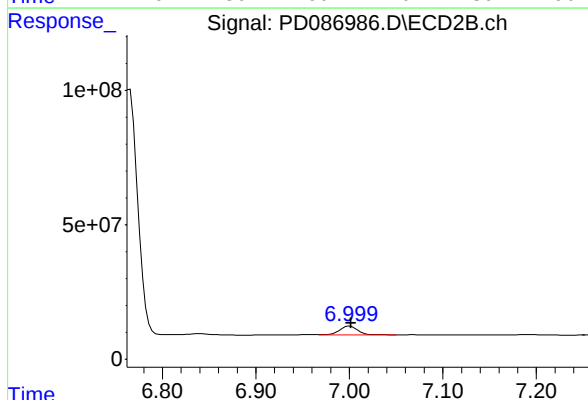
#21 Endrin ketone

R.T.: 7.640 min
Delta R.T.: 0.000 min
Response: 6637368
Conc: 2.05 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

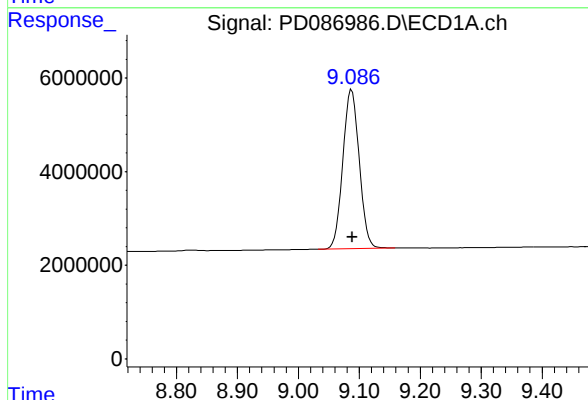
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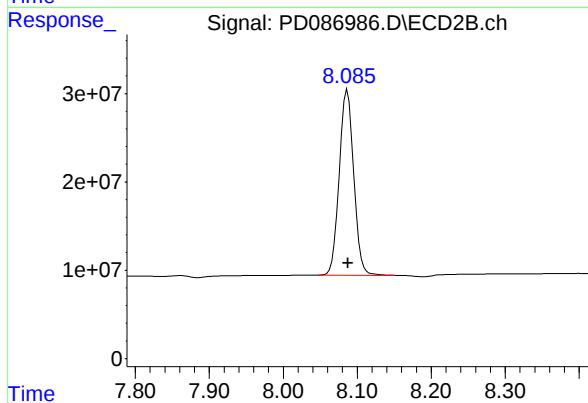
#21 Endrin ketone

R.T.: 7.000 min
Delta R.T.: -0.001 min
Response: 41617651
Conc: 2.76 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.087 min
Delta R.T.: -0.001 min
Response: 63677249
Conc: 20.02 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.087 min
Delta R.T.: 0.000 min
Response: 285377514
Conc: 20.48 ng/ml