

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD051321\
 Data File : PD062896.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 12 May 2021 18:36
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PEM

Manual Integrations
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Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 12 18:50:56 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD050621.M
 Quant Title : GC Extractables
 QLast Update : Thu May 06 08:49:38 2021
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 2 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 x 0.50µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds							
1)	SA Tetrachlo...	3.441	3.971	20504035	218.3E6	23.059	18.855
28)	SA Decachlor...	8.198	9.027	19774227	200.6E6	18.678	17.387
Target Compounds							
2)	A alpha-BHC	3.877	4.359	14572825	182.0E6	10.479	9.452
3)	MA gamma-BHC...	4.160	4.644	14088147	162.0E6	10.781	9.372
6)	B beta-BHC	4.412	4.814	7203217	71886534	12.023	9.426
12)	B 4,4'-DDE	5.600	6.306	181070	2751259	0.157m	0.174m
14)	MA Endrin	5.993	6.673	54649316	532.5E6	49.172	37.872
16)	A 4,4'-DDD	6.121	6.798	376725	9958626	0.396	0.771 #
17)	MA 4,4'-DDT	6.360	7.094	103.4E6	927.7E6	107.716	72.829 #
18)	B Endrin al...	6.430	7.009	349069	1529246	0.374m	0.131m#
20)	A Methoxychlor	6.907	7.552	140.2E6	1130.3E6	238.144	169.334 #
21)	B Endrin ke...	7.139	7.699	1240164	8096371	0.995	0.597 #

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

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Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

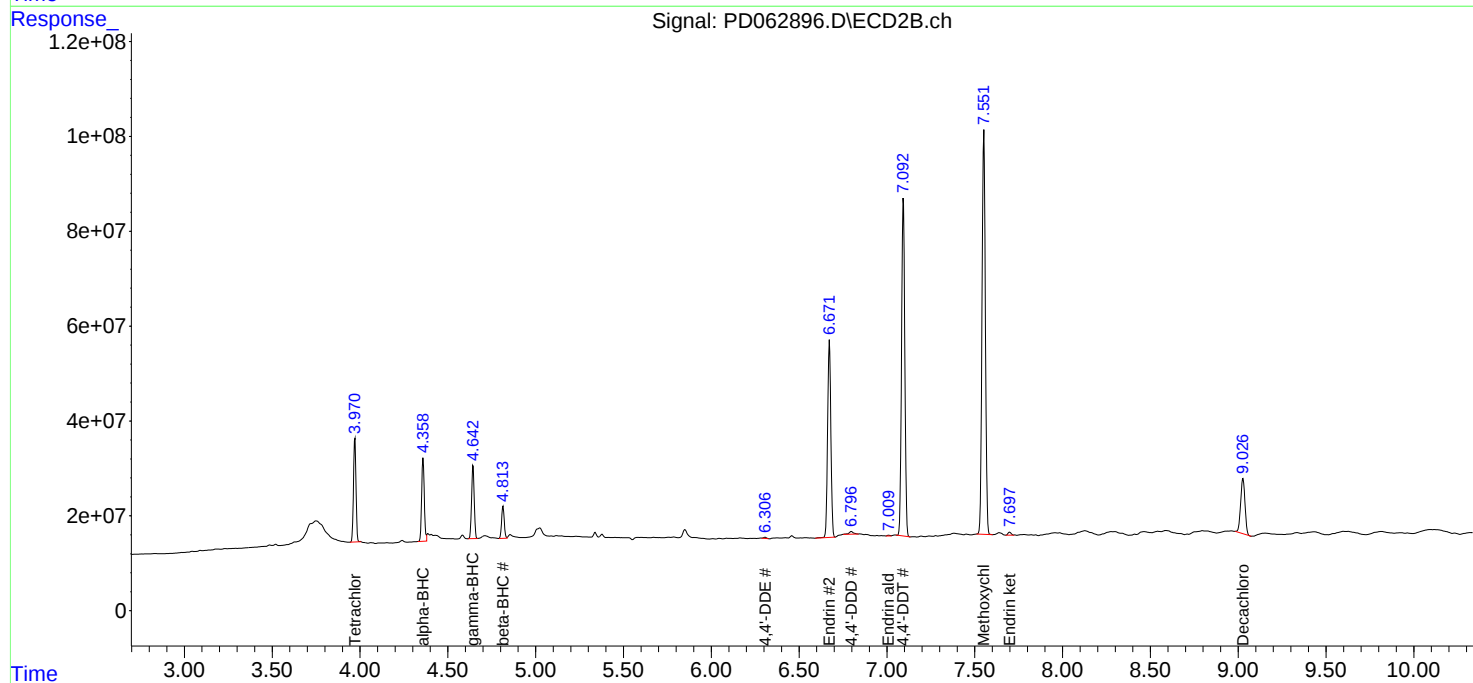
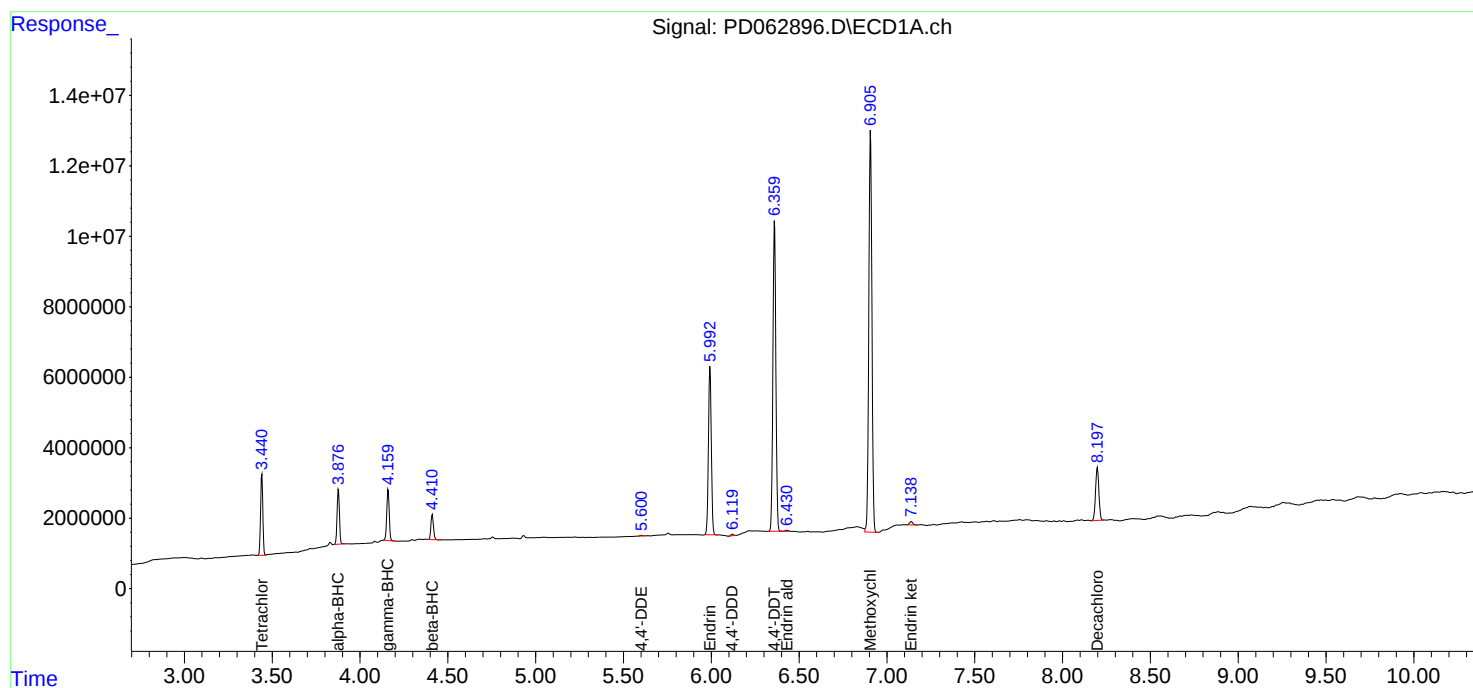
Instrument :
ECD_D
ClientSampled :
PEM

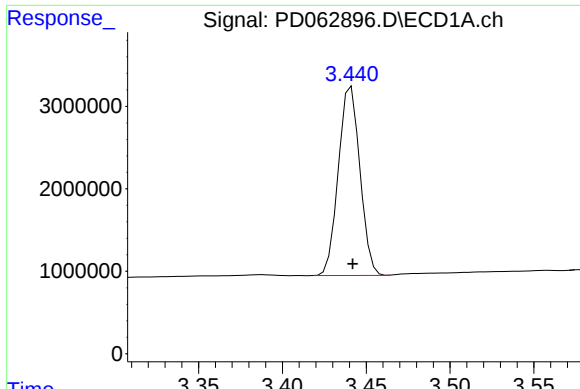
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Integration File signal 1: autoint1.e
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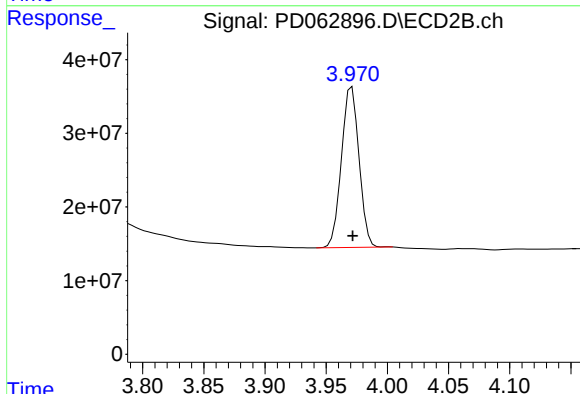
#1 Tetrachloro-m-xylene

R.T.: 3.441 min
Delta R.T.: 0.000 min
Response: 20504035
Conc: 23.06 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

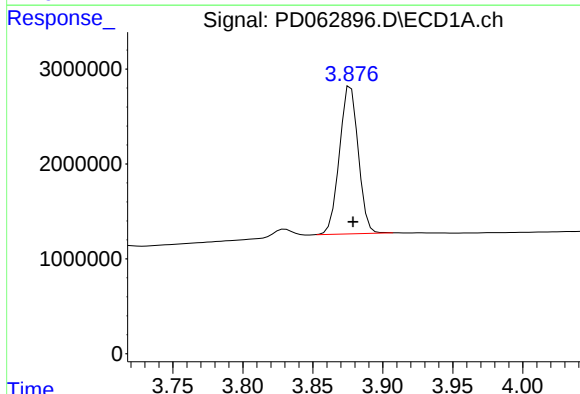
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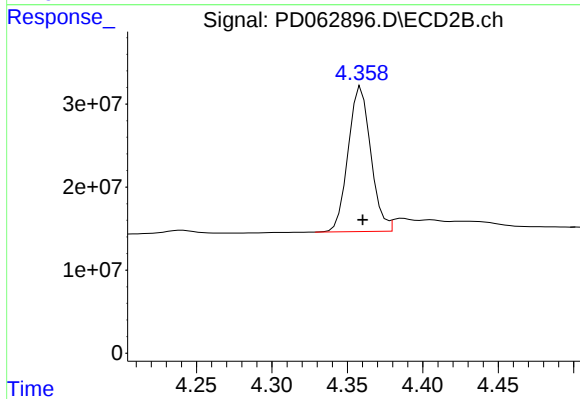
#1 Tetrachloro-m-xylene

R.T.: 3.971 min
Delta R.T.: 0.000 min
Response: 218283634
Conc: 18.85 ng/ml



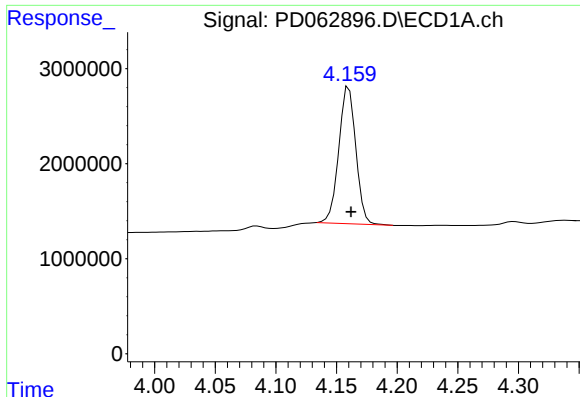
#2 alpha-BHC

R.T.: 3.877 min
Delta R.T.: -0.002 min
Response: 14572825
Conc: 10.48 ng/ml



#2 alpha-BHC

R.T.: 4.359 min
Delta R.T.: 0.000 min
Response: 181973948
Conc: 9.45 ng/ml



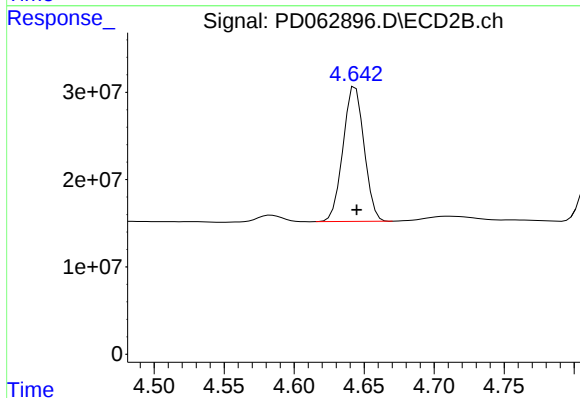
#3 gamma-BHC (Lindane)

R.T.: 4.160 min
Delta R.T.: -0.002 min
Response: 14088147
Conc: 10.78 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

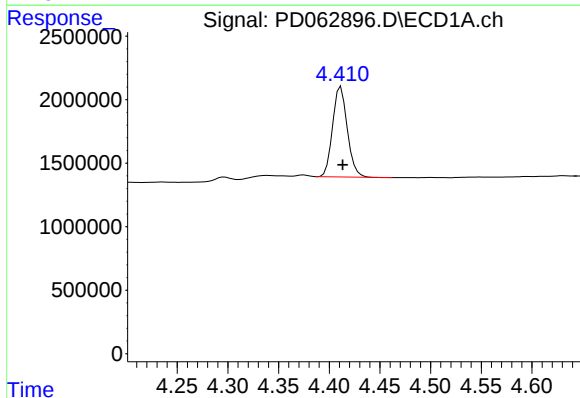
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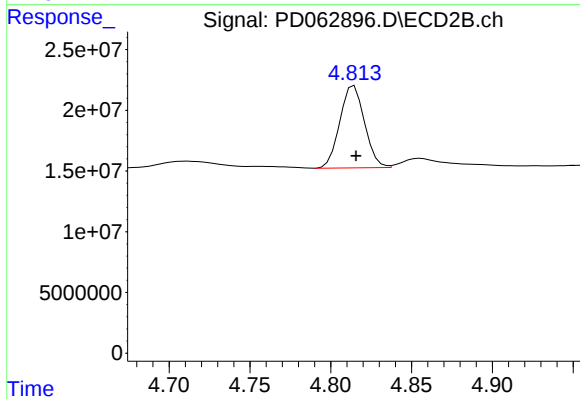
#3 gamma-BHC (Lindane)

R.T.: 4.644 min
Delta R.T.: 0.000 min
Response: 161990292
Conc: 9.37 ng/ml



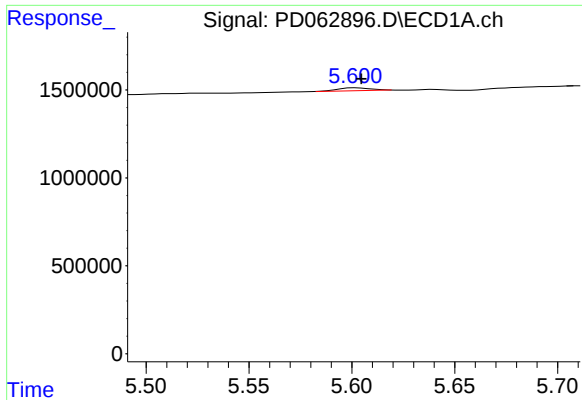
#6 beta-BHC

R.T.: 4.412 min
Delta R.T.: -0.002 min
Response: 7203217
Conc: 12.02 ng/ml



#6 beta-BHC

R.T.: 4.814 min
Delta R.T.: -0.001 min
Response: 71886534
Conc: 9.43 ng/ml



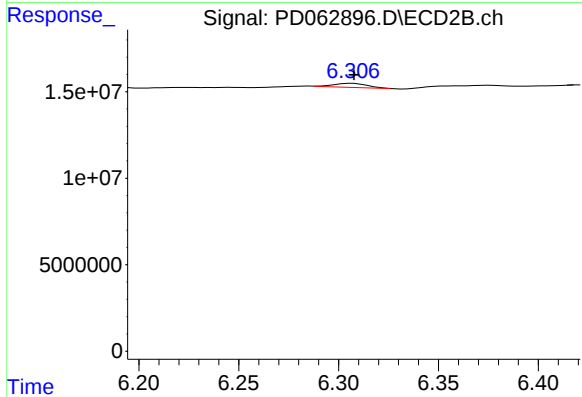
#12 4,4'-DDE

R.T.: 5.600 min
Delta R.T.: -0.004 min
Response: 181070
Conc: 0.16 ng/ml m

Instrument :
ECD_D
ClientSampleId :
PEM

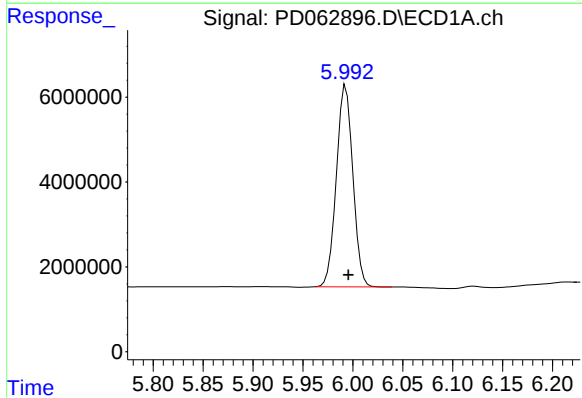
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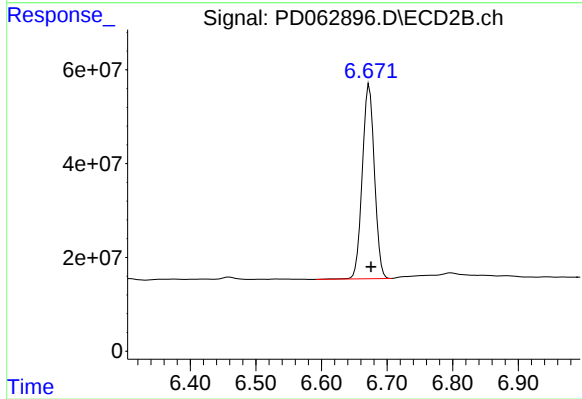
#12 4,4'-DDE

R.T.: 6.306 min
Delta R.T.: -0.002 min
Response: 2751259
Conc: 0.17 ng/ml m



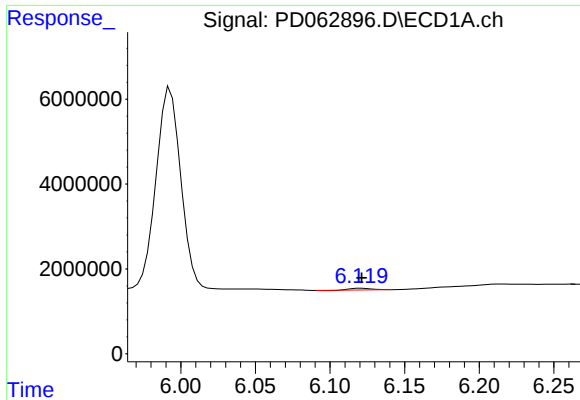
#14 Endrin

R.T.: 5.993 min
Delta R.T.: -0.003 min
Response: 54649316
Conc: 49.17 ng/ml



#14 Endrin

R.T.: 6.673 min
Delta R.T.: -0.003 min
Response: 532458553
Conc: 37.87 ng/ml



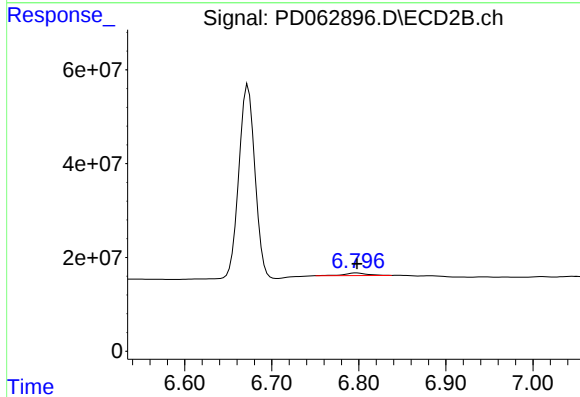
#16 4,4'-DDD

R.T.: 6.121 min
Delta R.T.: 0.000 min
Response: 376725
Conc: 0.40 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

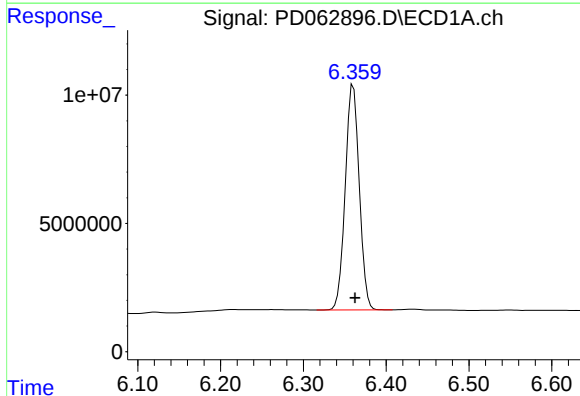
Manual Integrations
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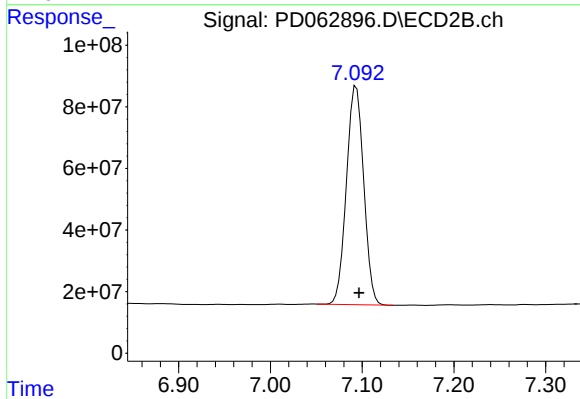
#16 4,4'-DDD

R.T.: 6.798 min
Delta R.T.: 0.000 min
Response: 9958626
Conc: 0.77 ng/ml



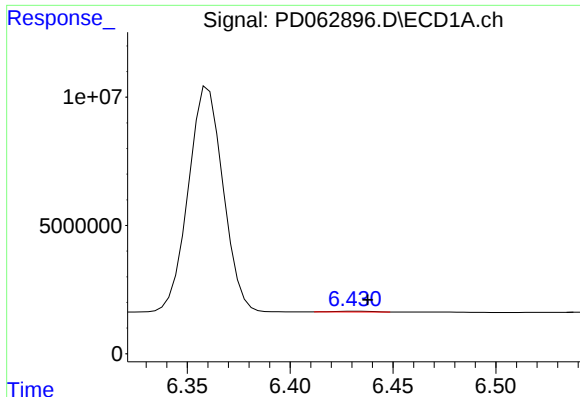
#17 4,4'-DDT

R.T.: 6.360 min
Delta R.T.: -0.002 min
Response: 103413746
Conc: 107.72 ng/ml



#17 4,4'-DDT

R.T.: 7.094 min
Delta R.T.: -0.003 min
Response: 927718031
Conc: 72.83 ng/ml



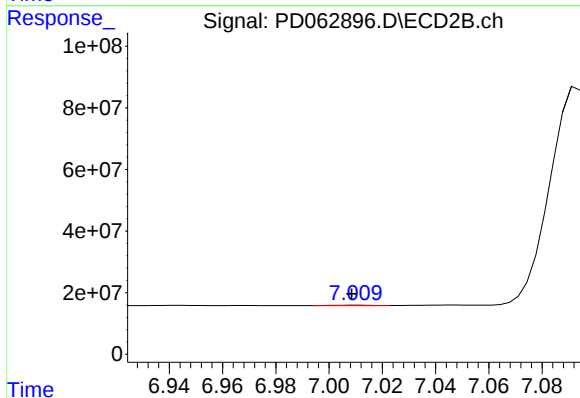
#18 Endrin aldehyde

R.T.: 6.430 min
Delta R.T.: -0.008 min
Response: 349069
Conc: 0.37 ng/ml m

Instrument :
ECD_D
ClientSampleId :
PEM

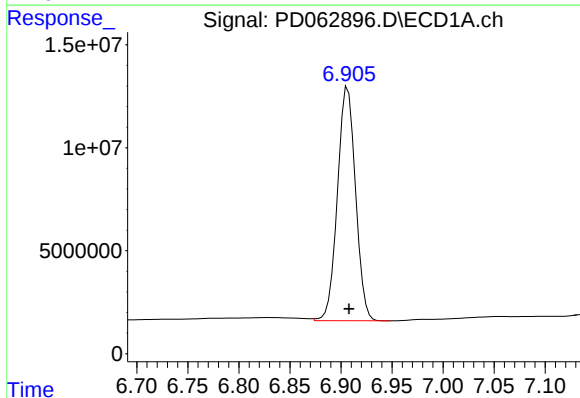
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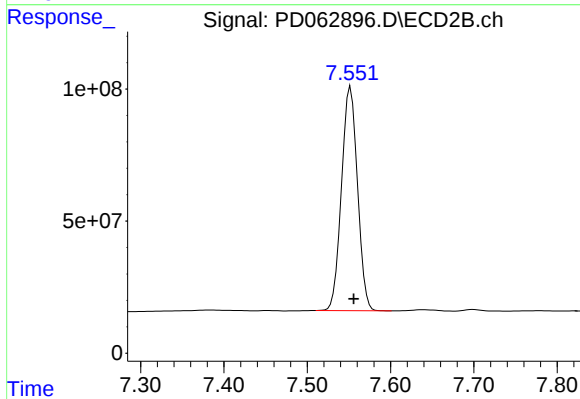
#18 Endrin aldehyde

R.T.: 7.009 min
Delta R.T.: 0.000 min
Response: 1529246
Conc: 0.13 ng/ml m



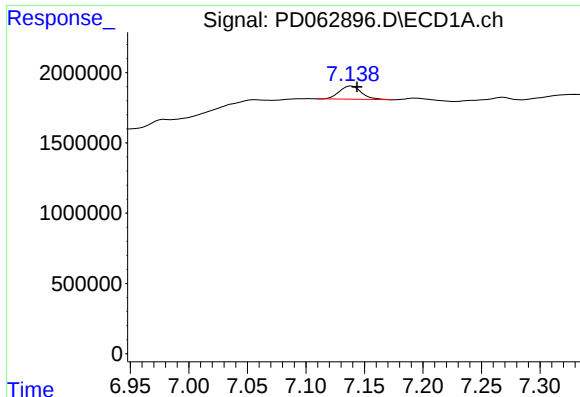
#20 Methoxychlor

R.T.: 6.907 min
Delta R.T.: -0.001 min
Response: 140190623
Conc: 238.14 ng/ml



#20 Methoxychlor

R.T.: 7.552 min
Delta R.T.: -0.004 min
Response: 1130292905
Conc: 169.33 ng/ml



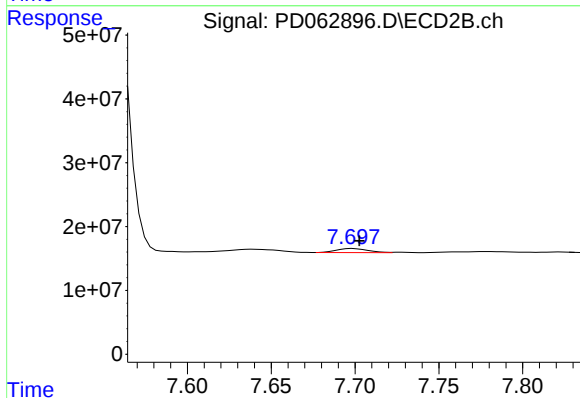
#21 Endrin ketone

R.T.: 7.139 min
Delta R.T.: -0.005 min
Response: 1240164
Conc: 0.99 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

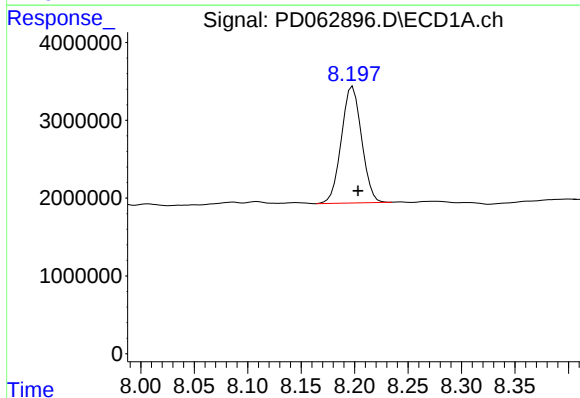
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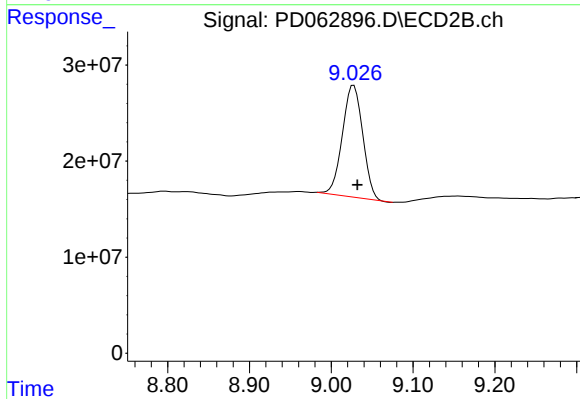
#21 Endrin ketone

R.T.: 7.699 min
Delta R.T.: -0.004 min
Response: 8096371
Conc: 0.60 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.198 min
Delta R.T.: -0.005 min
Response: 19774227
Conc: 18.68 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.027 min
Delta R.T.: -0.005 min
Response: 200632112
Conc: 17.39 ng/ml