

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD121018\
 Data File : PD050690.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 10 Dec 2018 13:18
 Operator : AJ\SJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PEM

Manual Integrations
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 12/11/2018 10:19:03 AM

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 11 03:42:02 2018
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD111618.M
 Quant Title : GC Extractables
 QLast Update : Fri Nov 16 02:59:21 2018
 Response via : Initial Calibration
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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...	3.227	4.043	28867334	518.1E6	19.837	18.811
28)	SA Decachlor...	7.832	9.150	30979278	378.8E6	20.927	18.711
Target Compounds							
2)	A alpha-BHC	3.647	4.435	22104705	401.8E6	9.416	9.466
3)	MA gamma-BHC...	3.916	4.722	21816994	369.1E6	9.351	9.702
6)	B beta-BHC	4.161	4.891	9171195	163.8E6	10.031	9.870
12)	B 4,4'-DDE	5.299	6.394	316621	4293706	0.154	0.146
14)	MA Endrin	5.660	6.766	90382157	1041.7E6	47.042	43.222
16)	A 4,4'-DDD	5.800	6.885	1177853	16269242	0.687	0.712m
17)	MA 4,4'-DDT	6.032	7.186	174.7E6	1921.6E6	98.601	93.102
18)	B Endrin al...	6.094	7.097	1961462	22738226	1.294m	1.124
20)	A Methoxychlor	6.578	7.643	215.9E6	2210.1E6	226.218	198.775
21)	B Endrin ke...	6.778	7.795	4732898	41449503	2.190	1.788

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

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Acq On : 10 Dec 2018 13:18
Operator : AJ\SJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

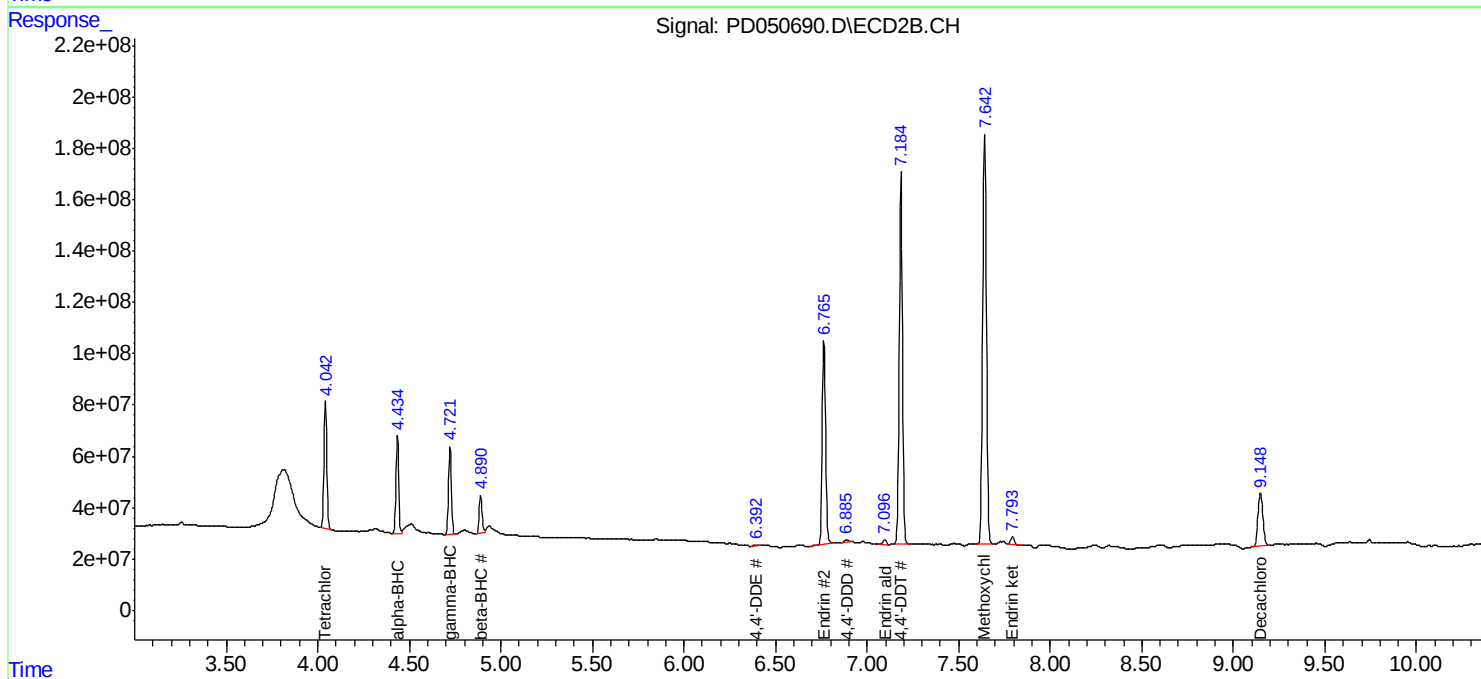
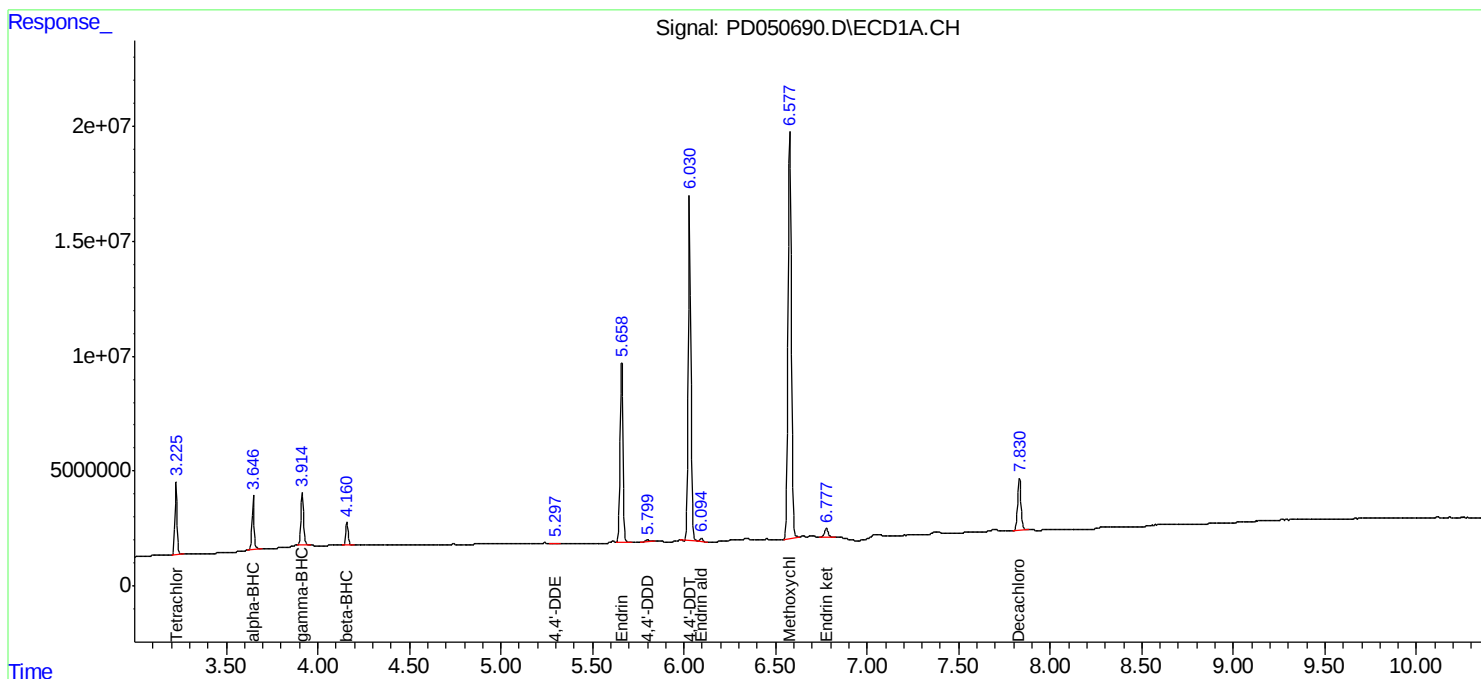
Instrument :
ECD_D
ClientSampled :
PEM

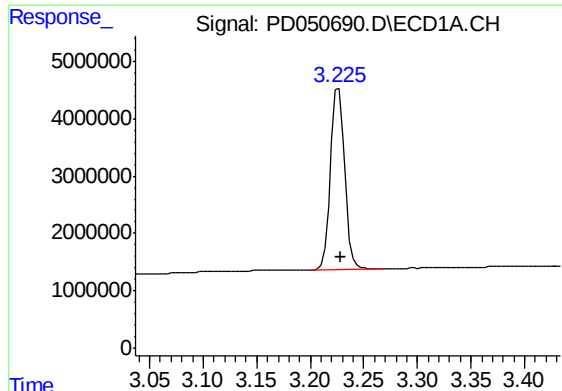
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Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Dec 11 03:42:02 2018
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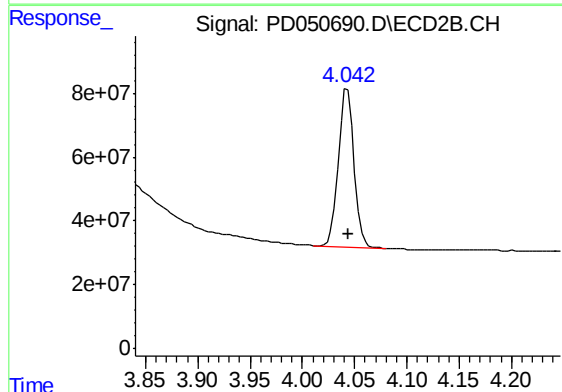
#1 Tetrachloro-m-xylene

R.T.: 3.227 min
Delta R.T.: -0.001 min
Response: 28867334
Conc: 19.84 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

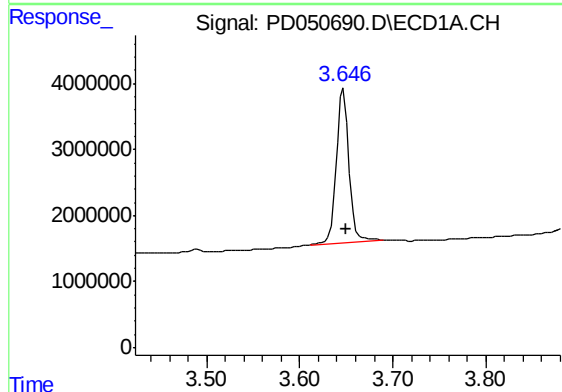
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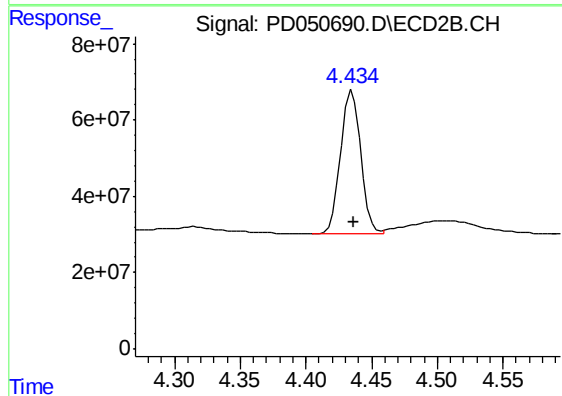
#1 Tetrachloro-m-xylene

R.T.: 4.043 min
Delta R.T.: 0.000 min
Response: 518134264
Conc: 18.81 ng/ml



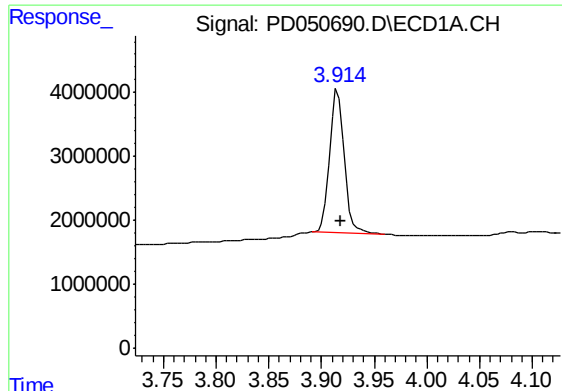
#2 alpha-BHC

R.T.: 3.647 min
Delta R.T.: -0.002 min
Response: 22104705
Conc: 9.42 ng/ml



#2 alpha-BHC

R.T.: 4.435 min
Delta R.T.: -0.001 min
Response: 401766630
Conc: 9.47 ng/ml



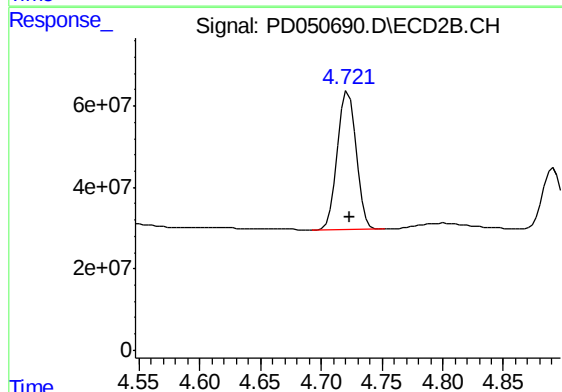
#3 gamma-BHC (Lindane)

R.T.: 3.916 min
Delta R.T.: -0.002 min
Response: 21816994
Conc: 9.35 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

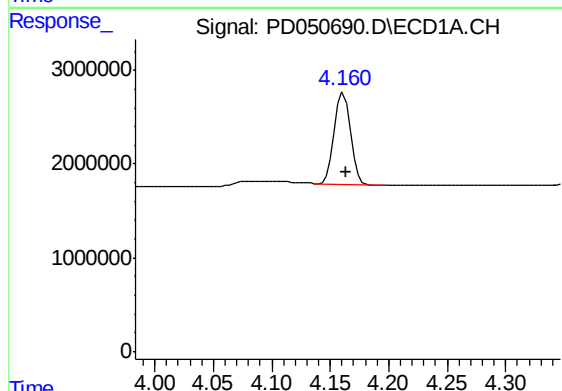
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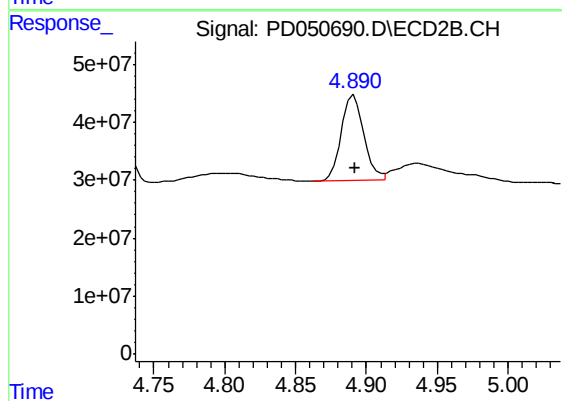
#3 gamma-BHC (Lindane)

R.T.: 4.722 min
Delta R.T.: 0.000 min
Response: 369084920
Conc: 9.70 ng/ml



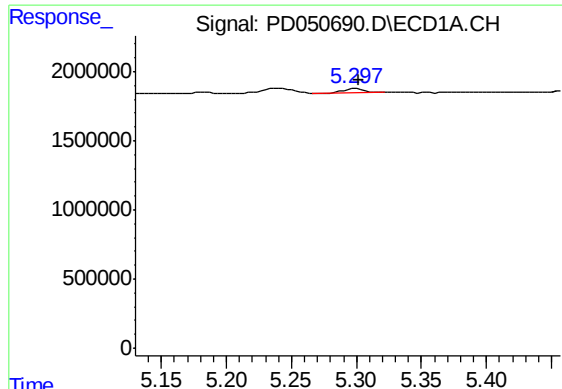
#6 beta-BHC

R.T.: 4.161 min
Delta R.T.: -0.002 min
Response: 9171195
Conc: 10.03 ng/ml



#6 beta-BHC

R.T.: 4.891 min
Delta R.T.: -0.001 min
Response: 163755906
Conc: 9.87 ng/ml



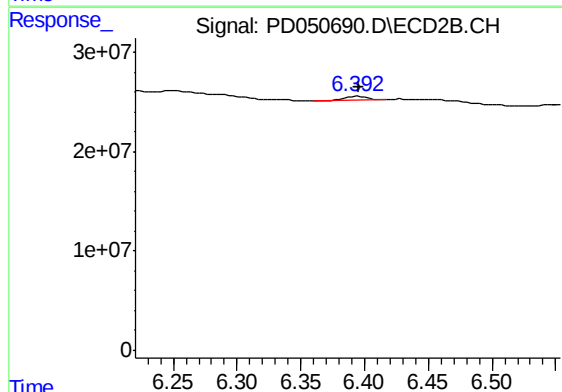
#12 4,4'-DDE

R.T.: 5.299 min
Delta R.T.: -0.003 min
Response: 316621
Conc: 0.15 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

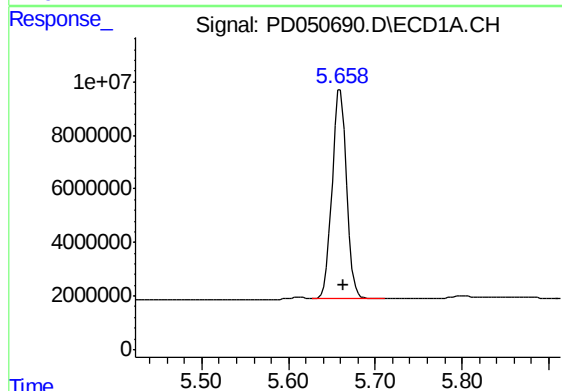
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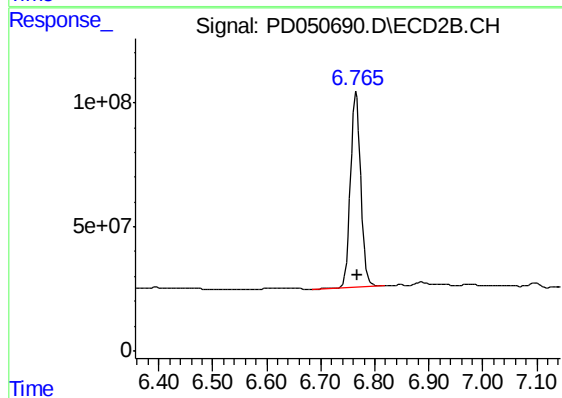
#12 4,4'-DDE

R.T.: 6.394 min
Delta R.T.: -0.002 min
Response: 4293706
Conc: 0.15 ng/ml



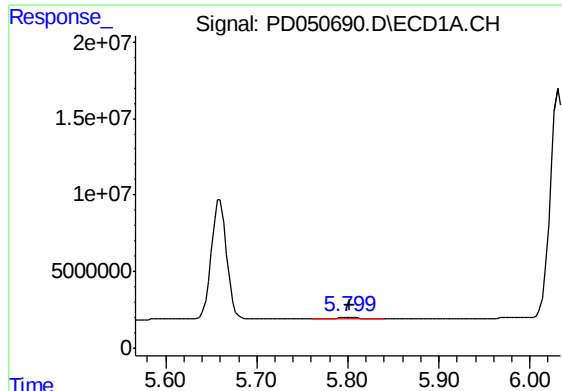
#14 Endrin

R.T.: 5.660 min
Delta R.T.: -0.003 min
Response: 90382157
Conc: 47.04 ng/ml



#14 Endrin

R.T.: 6.766 min
Delta R.T.: -0.002 min
Response: 1041740740
Conc: 43.22 ng/ml



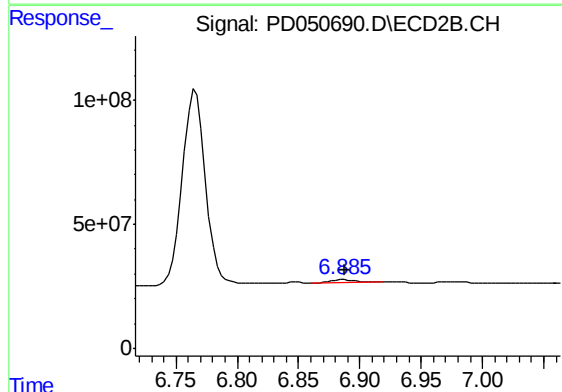
#16 4,4'-DDD

R.T.: 5.800 min
Delta R.T.: -0.002 min
Response: 1177853
Conc: 0.69 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

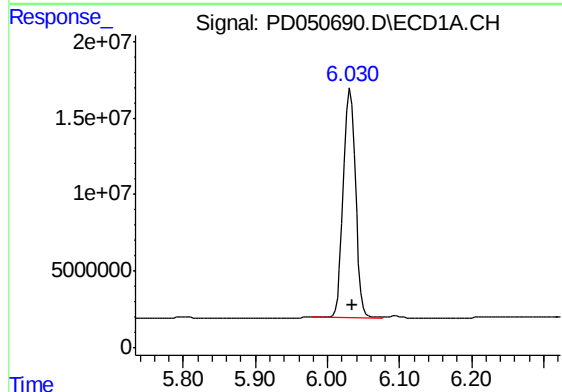
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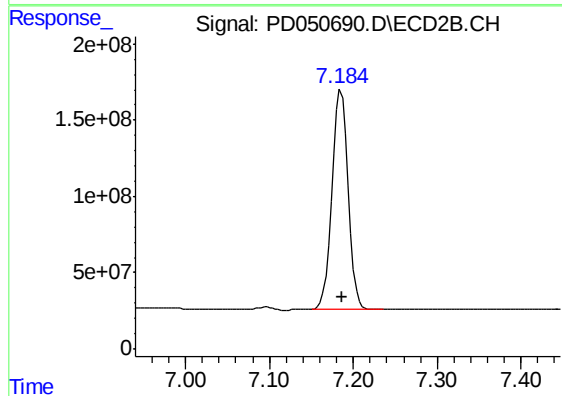
#16 4,4'-DDD

R.T.: 6.885 min
Delta R.T.: -0.002 min
Response: 16269242
Conc: 0.71 ng/ml m



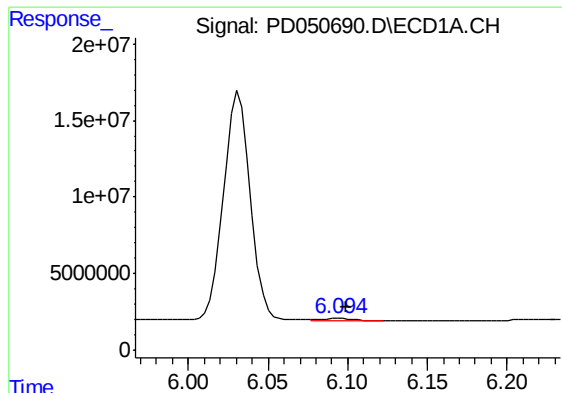
#17 4,4'-DDT

R.T.: 6.032 min
Delta R.T.: -0.003 min
Response: 174711065
Conc: 98.60 ng/ml



#17 4,4'-DDT

R.T.: 7.186 min
Delta R.T.: -0.002 min
Response: 1921596056
Conc: 93.10 ng/ml



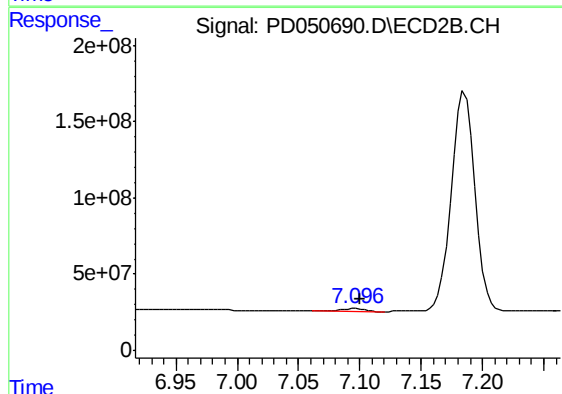
#18 Endrin aldehyde

R.T.: 6.094 min
Delta R.T.: -0.005 min
Response: 1961462
Conc: 1.29 ng/ml m

Instrument :
ECD_D
ClientSampleId :
PEM

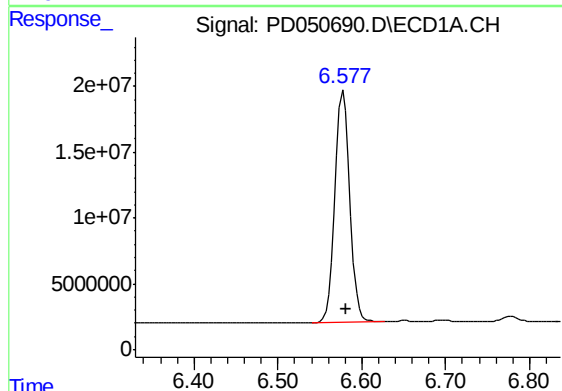
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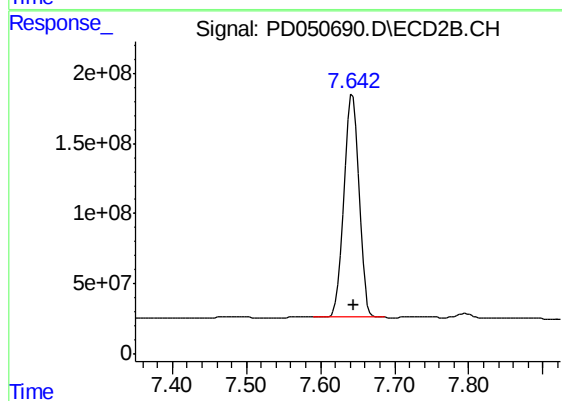
#18 Endrin aldehyde

R.T.: 7.097 min
Delta R.T.: -0.003 min
Response: 22738226
Conc: 1.12 ng/ml



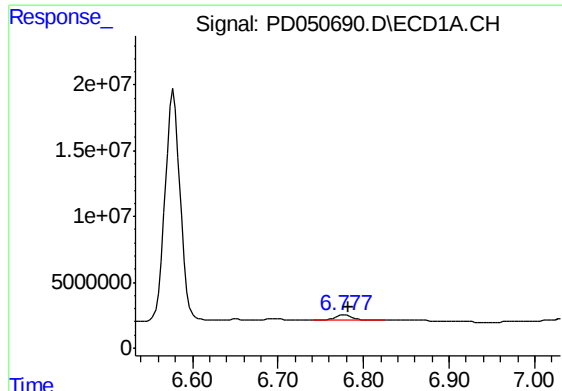
#20 Methoxychlor

R.T.: 6.578 min
Delta R.T.: -0.004 min
Response: 215929242
Conc: 226.22 ng/ml



#20 Methoxychlor

R.T.: 7.643 min
Delta R.T.: -0.002 min
Response: 2210148899
Conc: 198.77 ng/ml



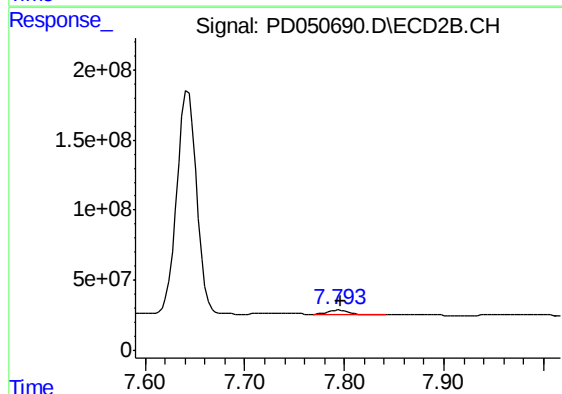
#21 Endrin ketone

R.T.: 6.778 min
Delta R.T.: -0.005 min
Response: 4732898
Conc: 2.19 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

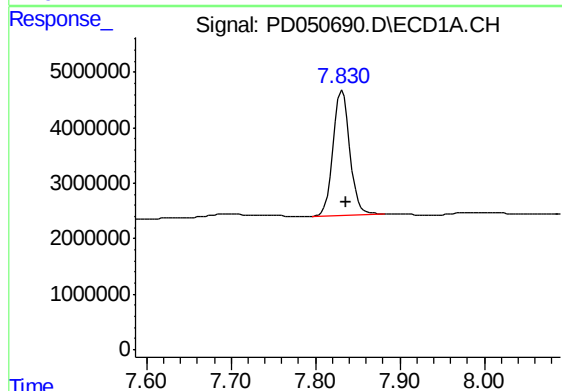
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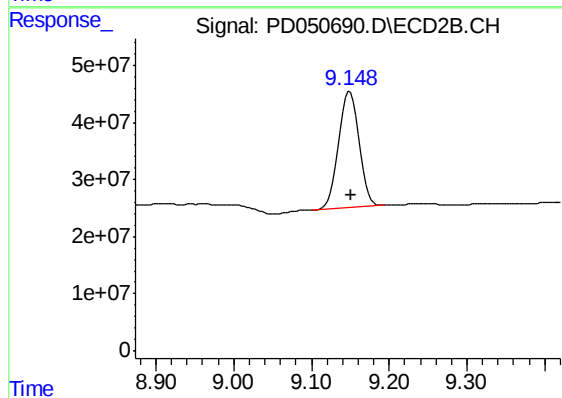
#21 Endrin ketone

R.T.: 7.795 min
Delta R.T.: -0.002 min
Response: 41449503
Conc: 1.79 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.832 min
Delta R.T.: -0.005 min
Response: 30979278
Conc: 20.93 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.150 min
Delta R.T.: -0.002 min
Response: 378758240
Conc: 18.71 ng/ml