

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD121118\
 Data File : PD050733.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 11 Dec 2018 9:26
 Operator : AJ\SJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PEM

Manual Integrations
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 12/12/2018 11:23:47 AM

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 11 10:20:00 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...	3.226	4.043	28442051	547.6E6	19.545	19.882
28)	SA Decachlor...	7.831	9.148	32930854	415.5E6	22.245	20.526
Target Compounds							
2)	A alpha-BHC	3.646	4.435	21232576	423.1E6	9.044	9.968
3)	MA gamma-BHC...	3.915	4.722	21495115	389.5E6	9.213	10.238
6)	B beta-BHC	4.160	4.892	8838321	176.3E6	9.667	10.624
12)	B 4,4'-DDE	5.297	6.393	292434	5008561	0.143	0.170
14)	MA Endrin	5.659	6.766	99069316	1194.2E6	51.564	49.548
16)	A 4,4'-DDD	5.802	6.889	1942085	46272149	1.133	2.026 #
17)	MA 4,4'-DDT	6.031	7.185	179.1E6	1933.9E6	101.081	93.697
18)	B Endrin al...	6.099	7.096	114778	2244354	0.076m	0.111m#
20)	A Methoxychlor	6.577	7.643	230.4E6	2347.1E6	241.341	211.093
21)	B Endrin ke...	6.778	7.793	1111927	10632664	0.514	0.459

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

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Acq On : 11 Dec 2018 9:26
Operator : AJ\SJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

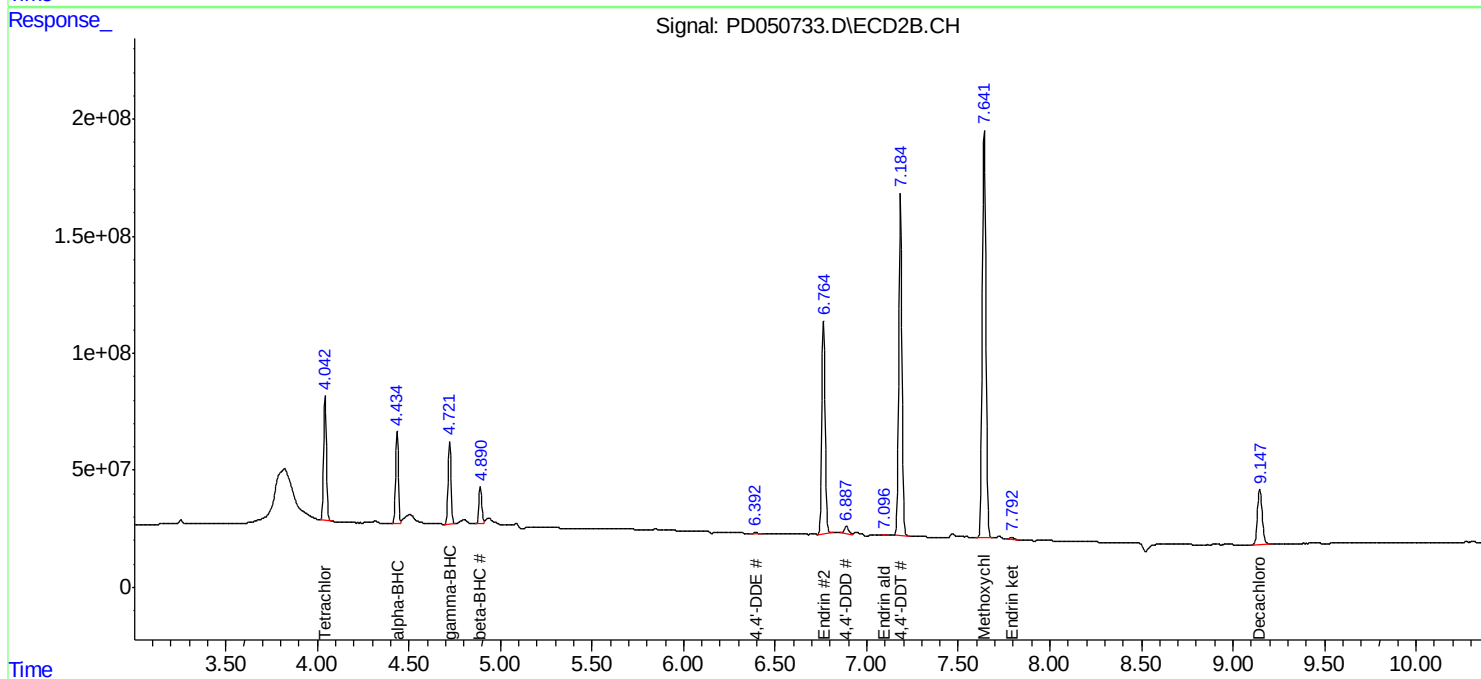
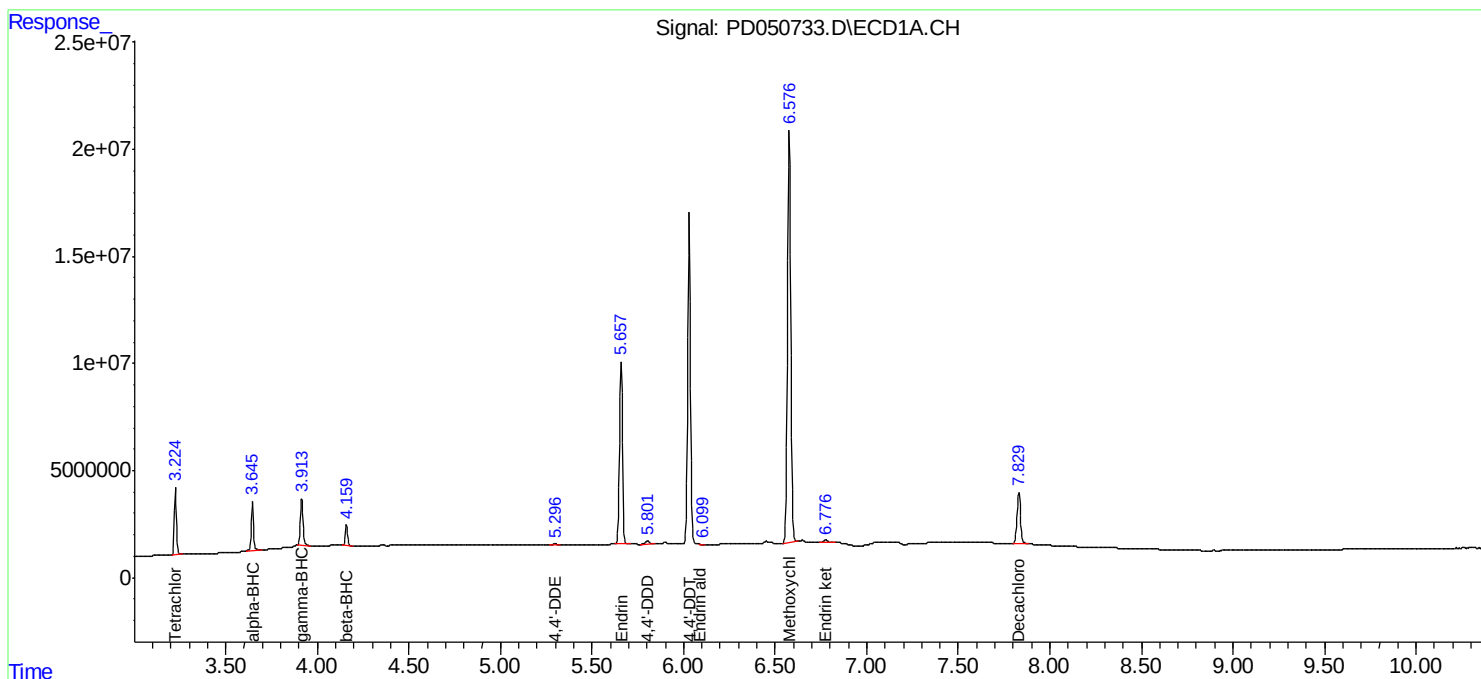
Instrument :
ECD_D
ClientSampled :
PEM

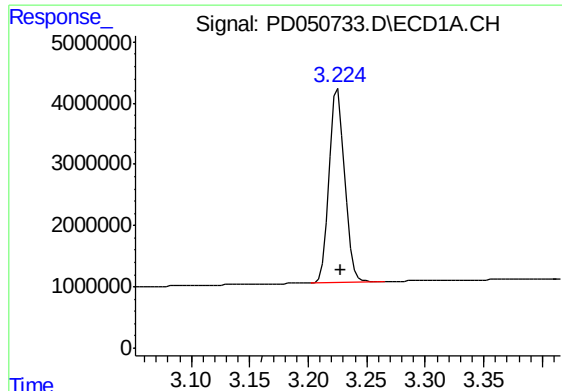
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Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Dec 11 10:20:00 2018
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD111618.M
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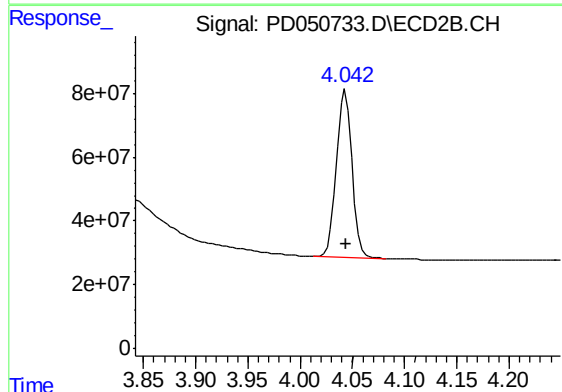
#1 Tetrachloro-m-xylene

R.T.: 3.226 min
Delta R.T.: -0.002 min
Response: 28442051
Conc: 19.55 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

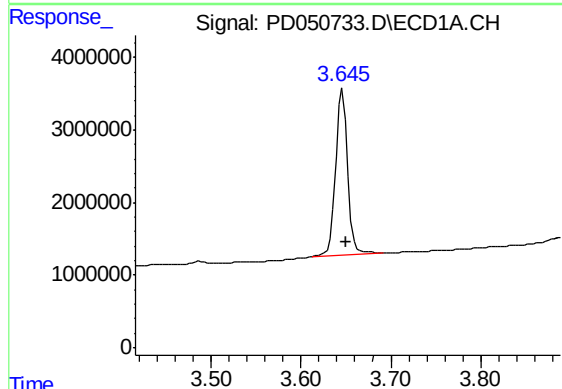
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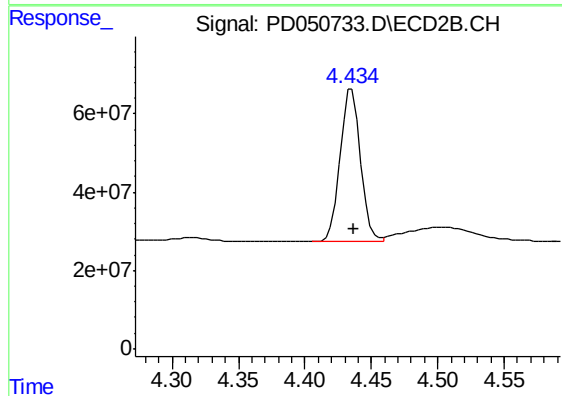
#1 Tetrachloro-m-xylene

R.T.: 4.043 min
Delta R.T.: 0.000 min
Response: 547613713
Conc: 19.88 ng/ml



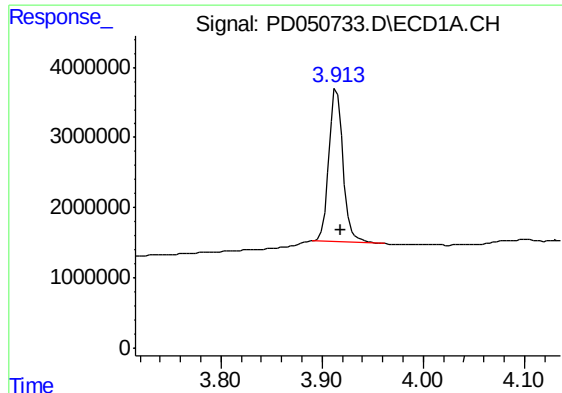
#2 alpha-BHC

R.T.: 3.646 min
Delta R.T.: -0.003 min
Response: 21232576
Conc: 9.04 ng/ml



#2 alpha-BHC

R.T.: 4.435 min
Delta R.T.: -0.001 min
Response: 423061391
Conc: 9.97 ng/ml



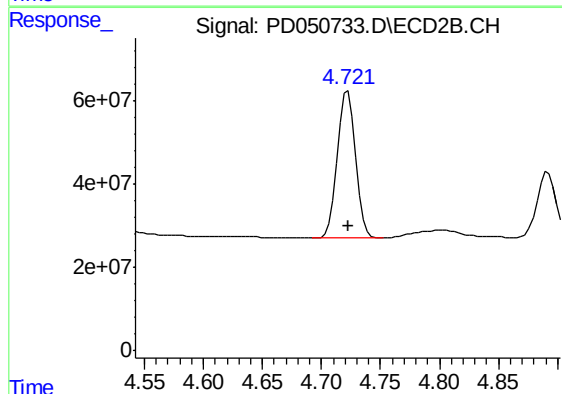
#3 gamma-BHC (Lindane)

R.T.: 3.915 min
Delta R.T.: -0.003 min
Response: 21495115
Conc: 9.21 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

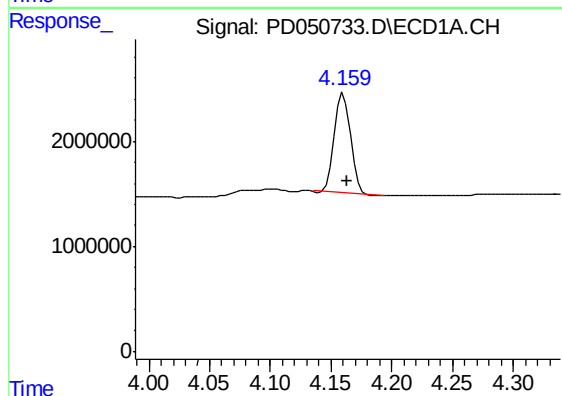
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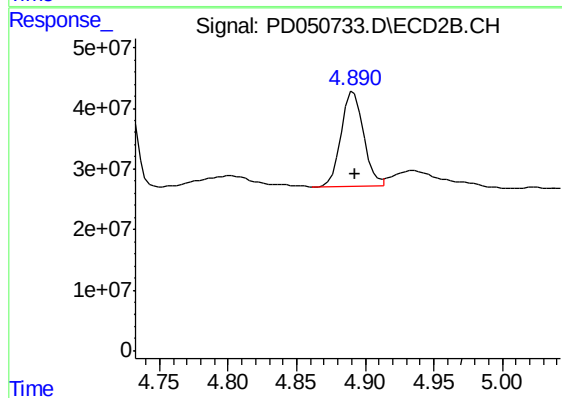
#3 gamma-BHC (Lindane)

R.T.: 4.722 min
Delta R.T.: 0.000 min
Response: 389499812
Conc: 10.24 ng/ml



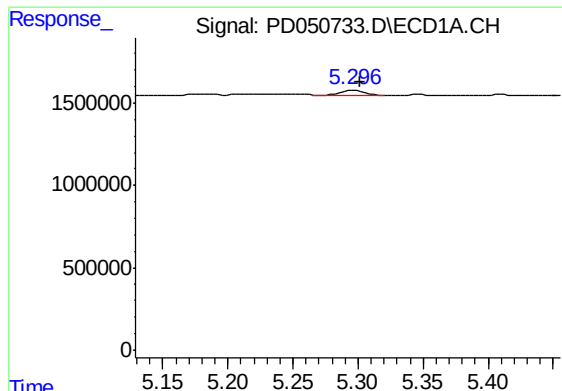
#6 beta-BHC

R.T.: 4.160 min
Delta R.T.: -0.003 min
Response: 8838321
Conc: 9.67 ng/ml



#6 beta-BHC

R.T.: 4.892 min
Delta R.T.: 0.000 min
Response: 176262216
Conc: 10.62 ng/ml



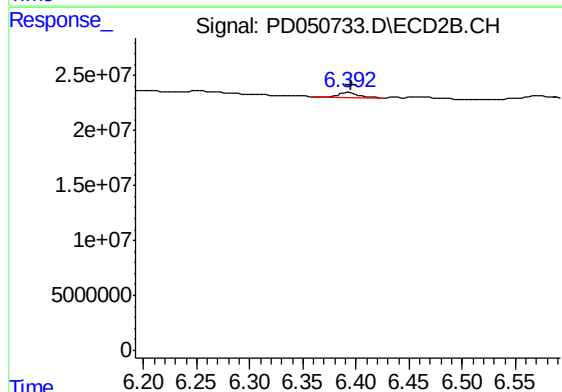
#12 4,4'-DDE

R.T.: 5.297 min
Delta R.T.: -0.005 min
Response: 292434
Conc: 0.14 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

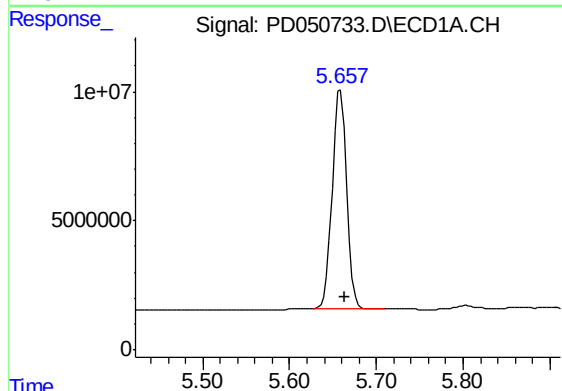
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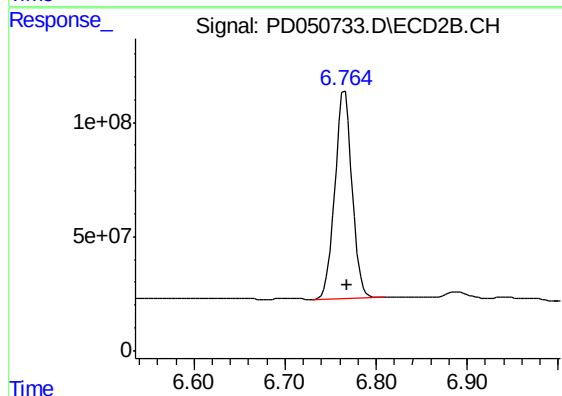
#12 4,4'-DDE

R.T.: 6.393 min
Delta R.T.: -0.002 min
Response: 5008561
Conc: 0.17 ng/ml



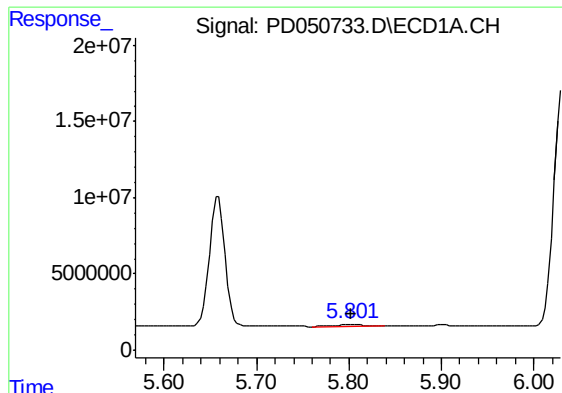
#14 Endrin

R.T.: 5.659 min
Delta R.T.: -0.004 min
Response: 99069316
Conc: 51.56 ng/ml



#14 Endrin

R.T.: 6.766 min
Delta R.T.: -0.002 min
Response: 1194217781
Conc: 49.55 ng/ml



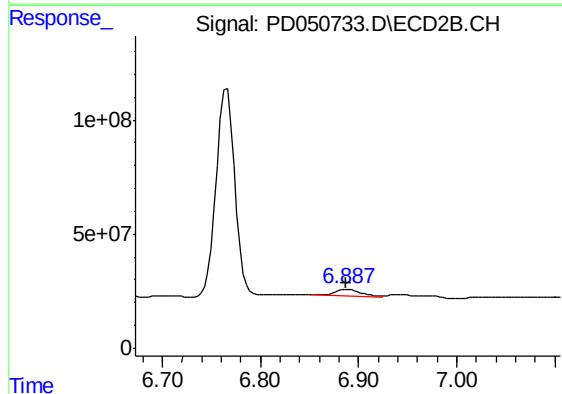
#16 4,4'-DDD

R.T.: 5.802 min
Delta R.T.: 0.000 min
Response: 1942085
Conc: 1.13 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

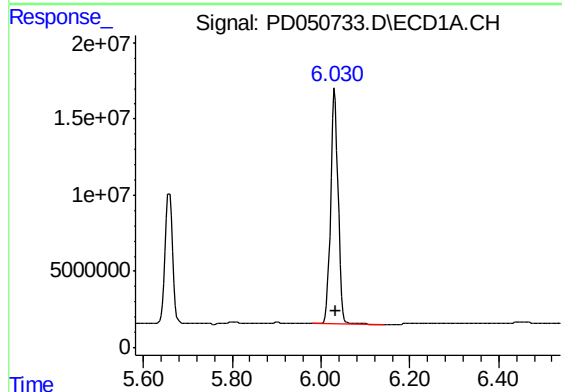
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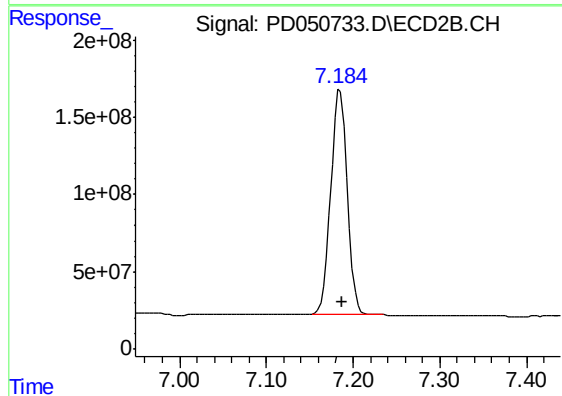
#16 4,4'-DDD

R.T.: 6.889 min
Delta R.T.: 0.001 min
Response: 46272149
Conc: 2.03 ng/ml



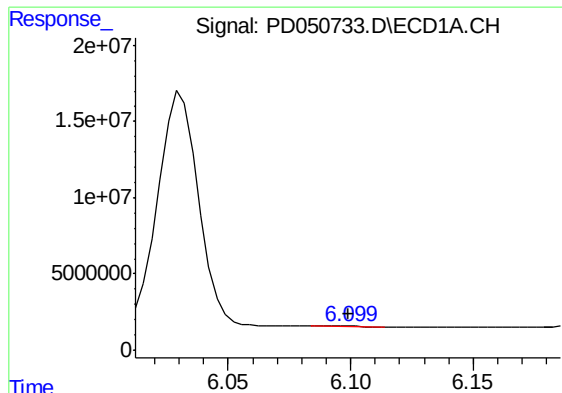
#17 4,4'-DDT

R.T.: 6.031 min
Delta R.T.: -0.003 min
Response: 179105767
Conc: 101.08 ng/ml



#17 4,4'-DDT

R.T.: 7.185 min
Delta R.T.: -0.002 min
Response: 1933884420
Conc: 93.70 ng/ml



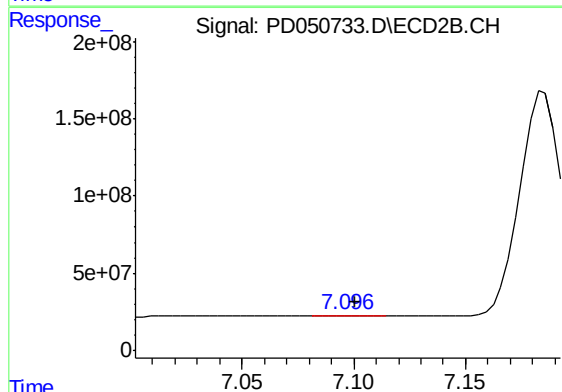
#18 Endrin aldehyde

R.T.: 6.099 min
Delta R.T.: 0.000 min
Response: 114778
Conc: 0.08 ng/ml m

Instrument :
ECD_D
ClientSampleId :
PEM

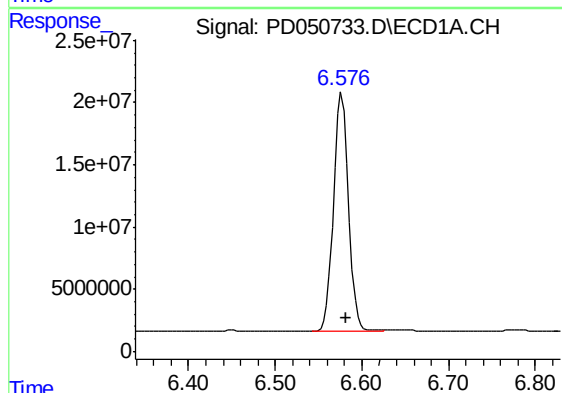
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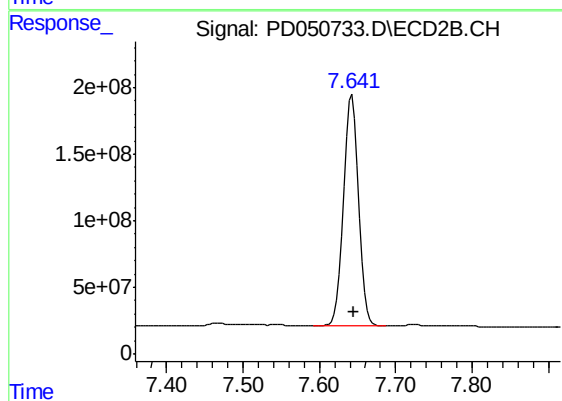
#18 Endrin aldehyde

R.T.: 7.096 min
Delta R.T.: -0.005 min
Response: 2244354
Conc: 0.11 ng/ml m



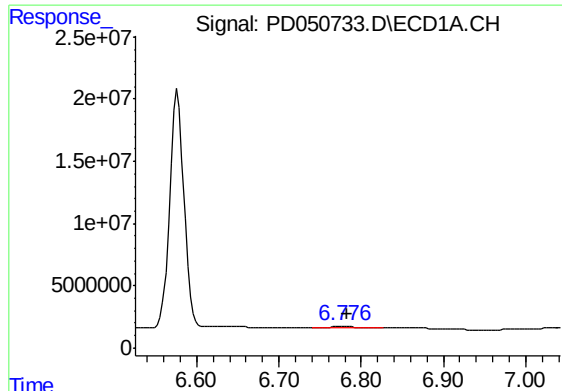
#20 Methoxychlor

R.T.: 6.577 min
Delta R.T.: -0.005 min
Response: 230365136
Conc: 241.34 ng/ml



#20 Methoxychlor

R.T.: 7.643 min
Delta R.T.: -0.002 min
Response: 2347110853
Conc: 211.09 ng/ml



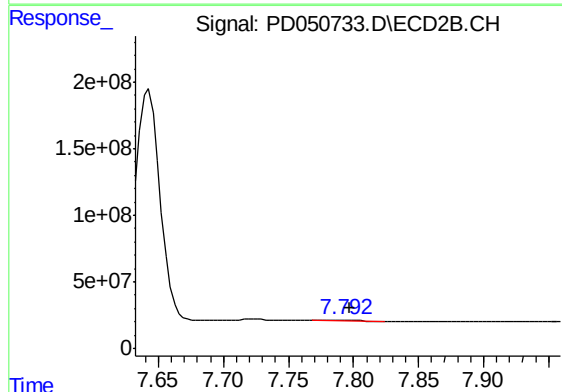
#21 Endrin ketone

R.T.: 6.778 min
Delta R.T.: -0.005 min
Response: 1111927
Conc: 0.51 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

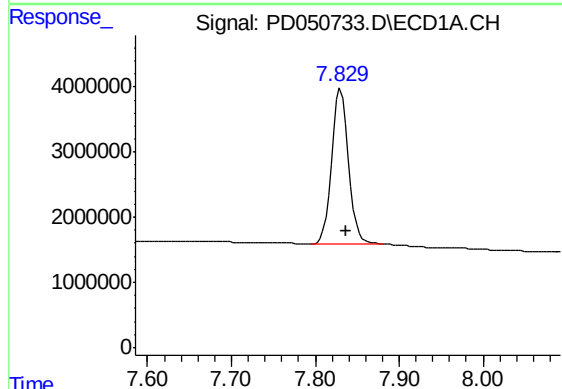
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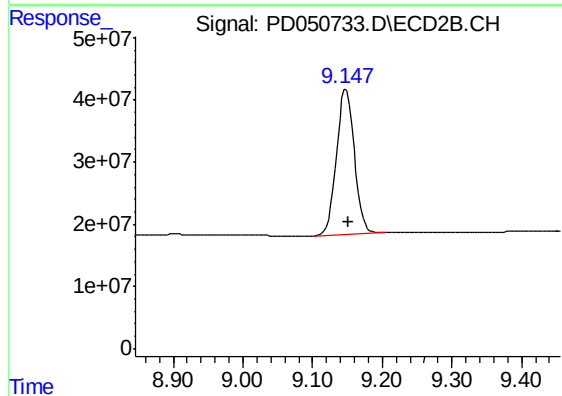
#21 Endrin ketone

R.T.: 7.793 min
Delta R.T.: -0.004 min
Response: 10632664
Conc: 0.46 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.831 min
Delta R.T.: -0.006 min
Response: 32930854
Conc: 22.25 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.148 min
Delta R.T.: -0.003 min
Response: 415484254
Conc: 20.53 ng/ml