

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD040422\
 Data File : PD068905.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 04 Apr 2022 09:55
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 04/05/2022
 Supervised By : mohammad ahmed 04/05/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 05 01:10:42 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD031222.M
 Quant Title : GC Extractables
 QLast Update : Mon Mar 14 03:30:32 2022
 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 x 0.2 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...	3.446	4.172	23991004	202.8E6	19.759	21.215
28)	SA Decachlor...	8.204	9.368	25453457	124.6E6	20.147	21.987
Target Compounds							
2)	A alpha-BHC	3.886	4.568	16866549	146.5E6	9.316	10.641
3)	MA gamma-BHC...	4.169	4.859	16195051	134.9E6	9.699	10.792
6)	B beta-BHC	4.420	5.022	8183102	63043549	10.991	11.484
12)	B 4,4'-DDE	5.610	6.548	691558	6330479	0.506	0.683 #
14)	MA Endrin	5.999	6.928	65159701	392.5E6	49.464	50.723
16)	A 4,4'-DDD	6.125	7.039	1844447	15124884	1.564m	2.048 #
17)	MA 4,4'-DDT	6.367	7.342	118.6E6	668.4E6	98.658	90.985
18)	B Endrin al...	6.443	7.257	1029934	5108188	1.037	0.844
20)	A Methoxychlor	6.919	7.795	152.5E6	763.5E6	220.105	209.444
21)	B Endrin ke...	7.149	7.957	1789660	10558519	1.216	1.363

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

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Data File : PD068905.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 04 Apr 2022 09:55
Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

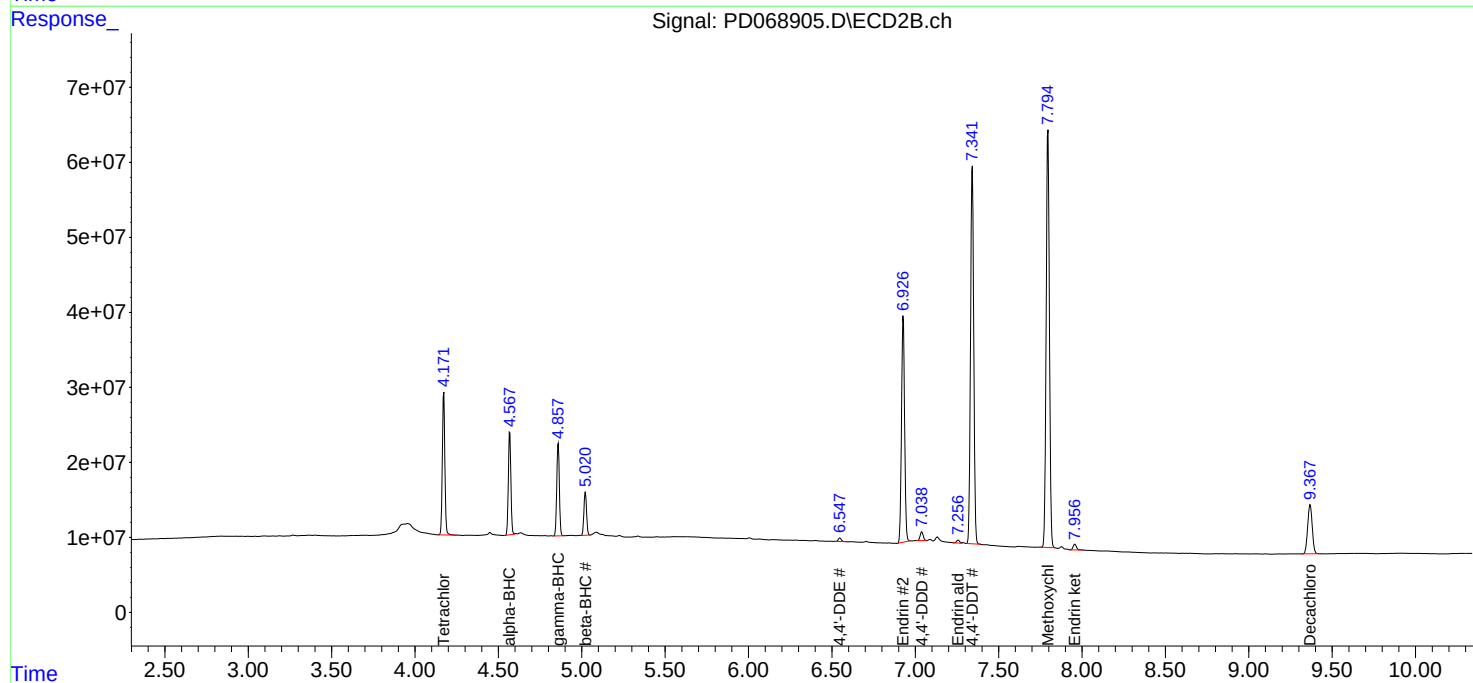
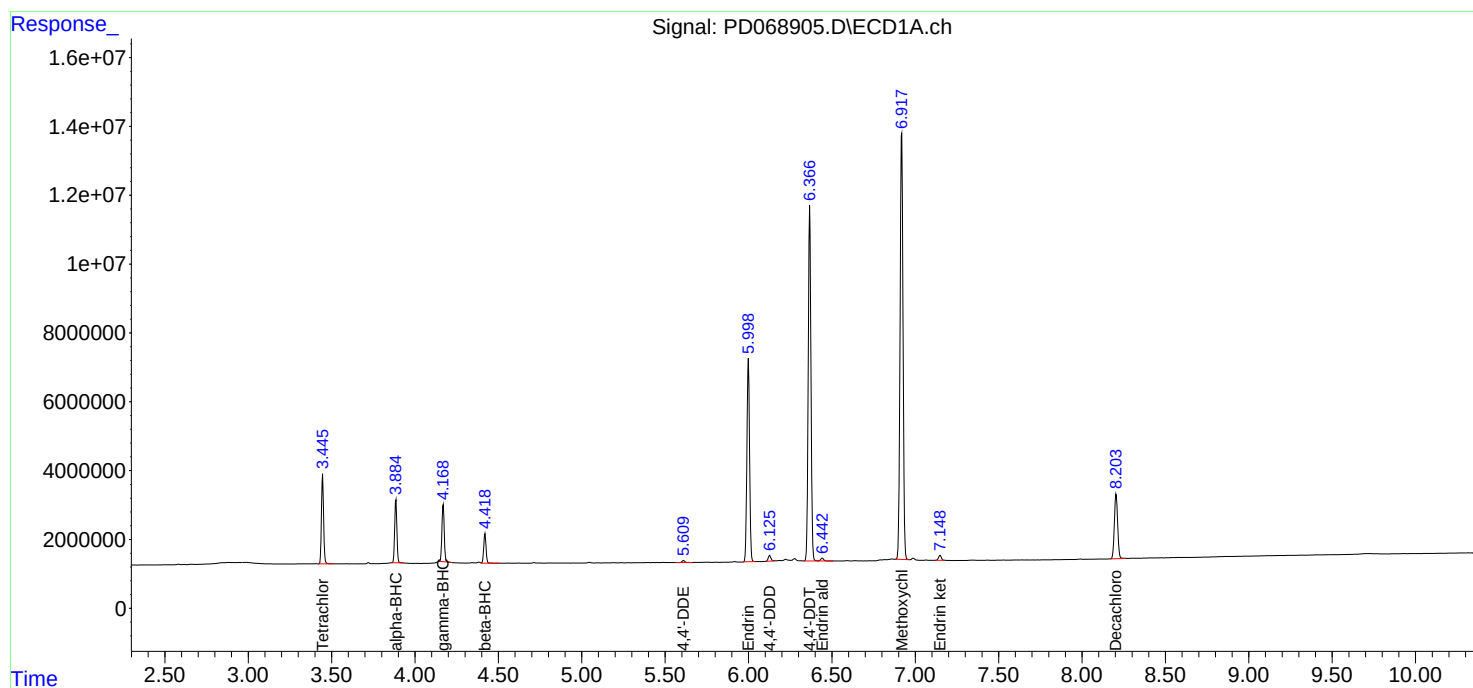
Instrument :
ECD_D
ClientSampleId :
PEM

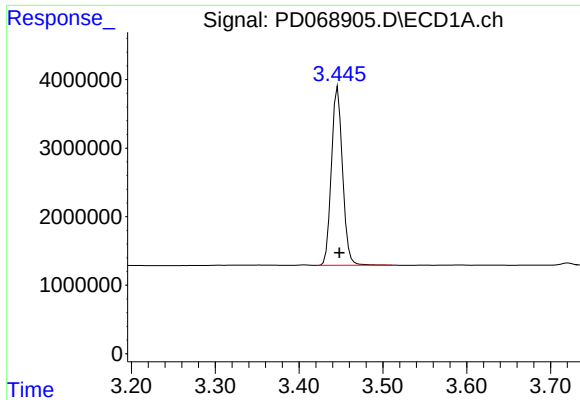
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Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
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Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD031222.M
Quant Title : GC Extractables
QLast Update : Mon Mar 14 03:30:32 2022
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Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x 0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm





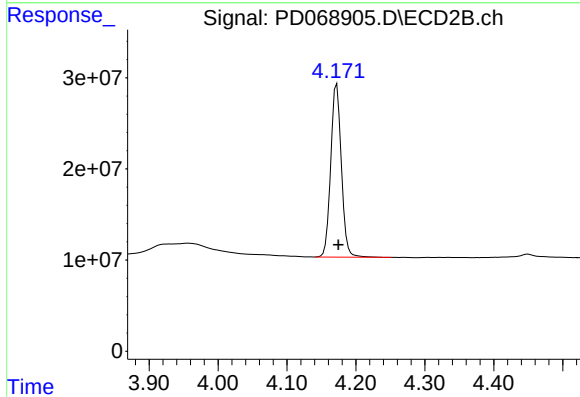
#1 Tetrachloro-m-xylene

R.T.: 3.446 min
Delta R.T.: -0.002 min
Response: 23991004
Conc: 19.76 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

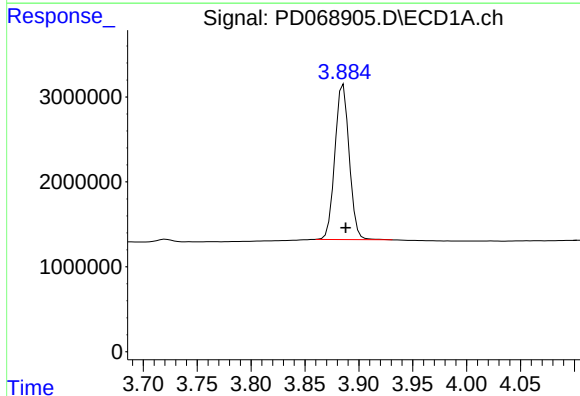
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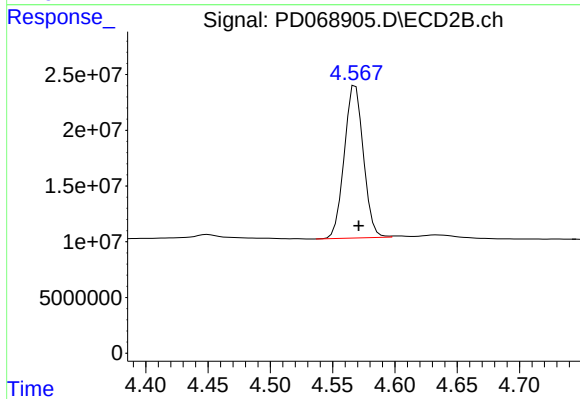
#1 Tetrachloro-m-xylene

R.T.: 4.172 min
Delta R.T.: -0.002 min
Response: 202828921
Conc: 21.21 ng/ml



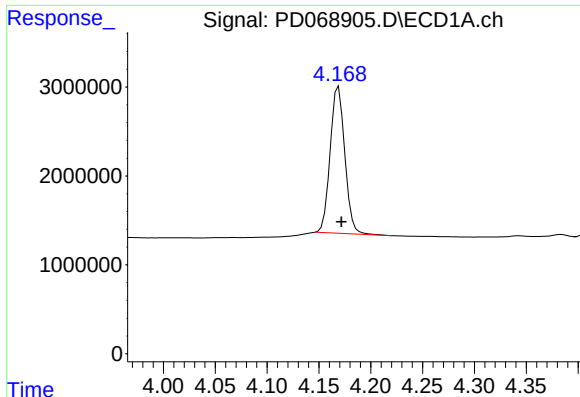
#2 alpha-BHC

R.T.: 3.886 min
Delta R.T.: -0.002 min
Response: 16866549
Conc: 9.32 ng/ml



#2 alpha-BHC

R.T.: 4.568 min
Delta R.T.: -0.003 min
Response: 146457210
Conc: 10.64 ng/ml



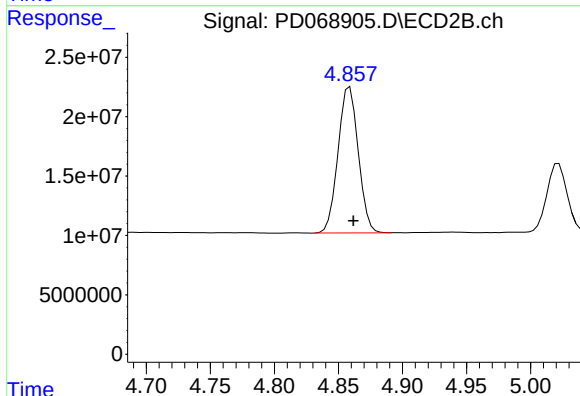
#3 gamma-BHC (Lindane)

R.T.: 4.169 min
Delta R.T.: -0.003 min
Response: 16195051
Conc: 9.70 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

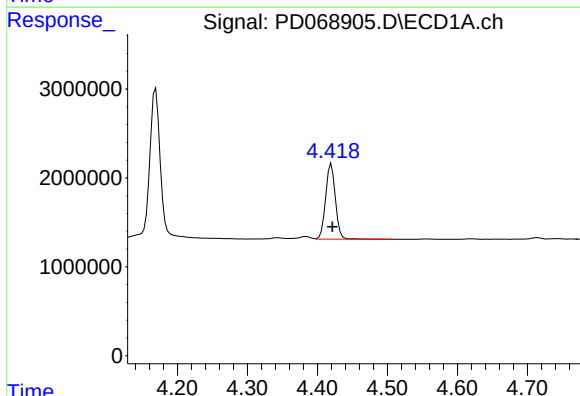
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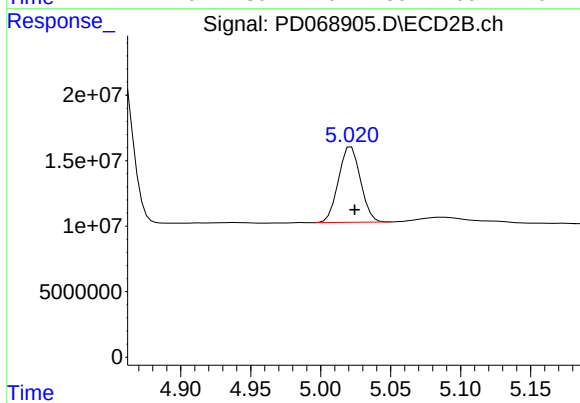
#3 gamma-BHC (Lindane)

R.T.: 4.859 min
Delta R.T.: -0.003 min
Response: 134936125
Conc: 10.79 ng/ml



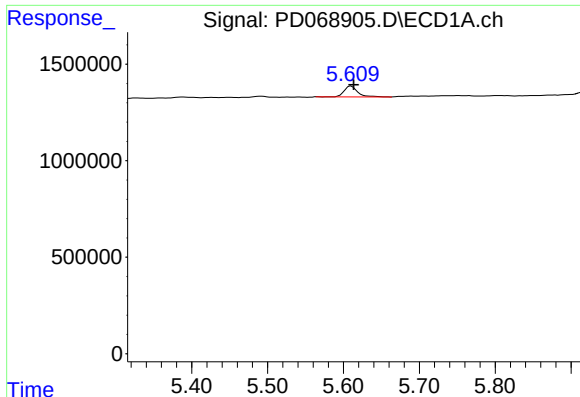
#6 beta-BHC

R.T.: 4.420 min
Delta R.T.: -0.001 min
Response: 8183102
Conc: 10.99 ng/ml



#6 beta-BHC

R.T.: 5.022 min
Delta R.T.: -0.002 min
Response: 63043549
Conc: 11.48 ng/ml



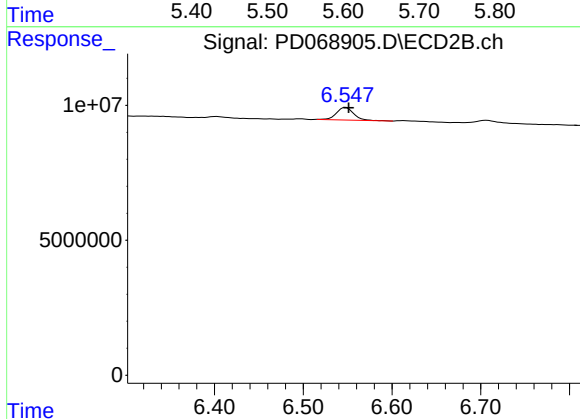
#12 4,4'-DDE

R.T.: 5.610 min
Delta R.T.: -0.004 min
Response: 691558
Conc: 0.51 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

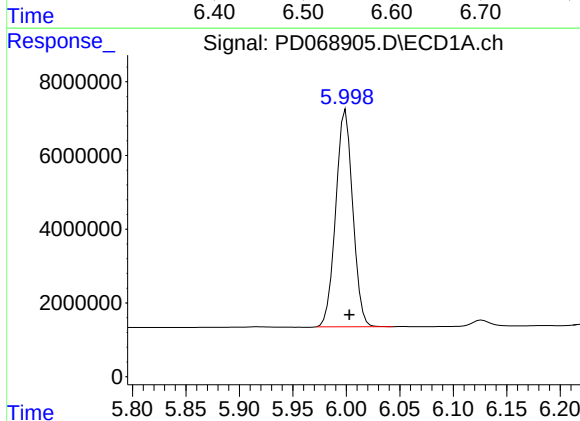
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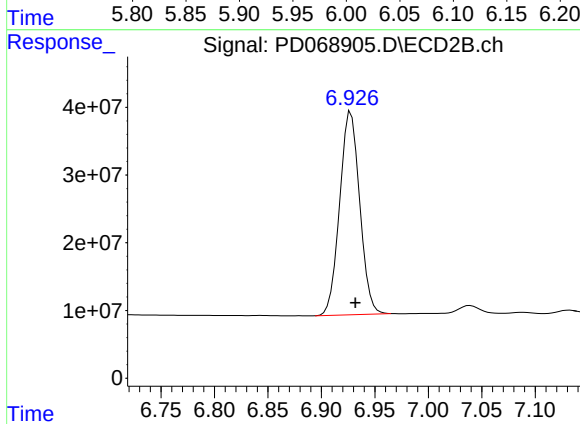
#12 4,4'-DDE

R.T.: 6.548 min
Delta R.T.: -0.003 min
Response: 6330479
Conc: 0.68 ng/ml



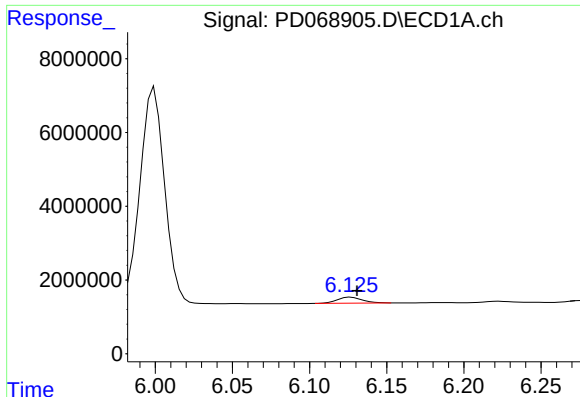
#14 Endrin

R.T.: 5.999 min
Delta R.T.: -0.004 min
Response: 65159701
Conc: 49.46 ng/ml



#14 Endrin

R.T.: 6.928 min
Delta R.T.: -0.004 min
Response: 392470905
Conc: 50.72 ng/ml



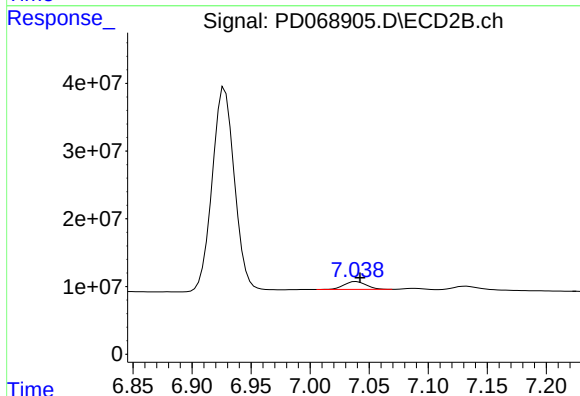
#16 4,4'-DDD

R.T.: 6.125 min
Delta R.T.: -0.005 min
Response: 1844447
Conc: 1.56 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

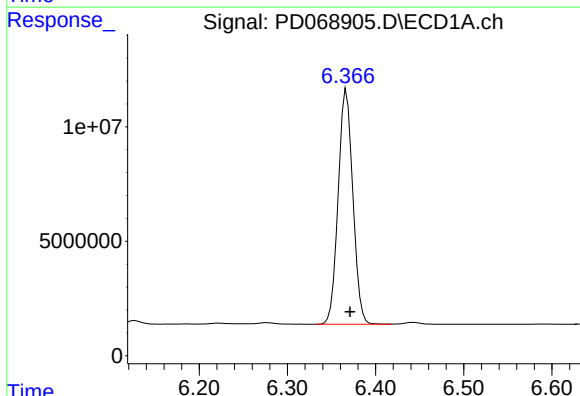
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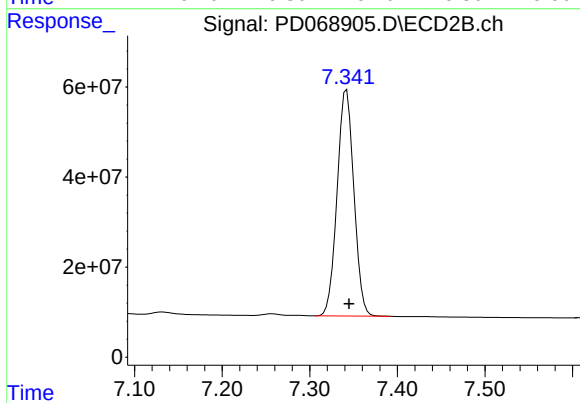
#16 4,4'-DDD

R.T.: 7.039 min
Delta R.T.: -0.003 min
Response: 15124884
Conc: 2.05 ng/ml



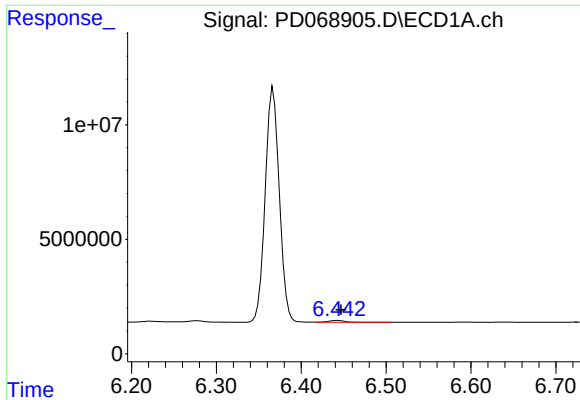
#17 4,4'-DDT

R.T.: 6.367 min
Delta R.T.: -0.004 min
Response: 118583415
Conc: 98.66 ng/ml



#17 4,4'-DDT

R.T.: 7.342 min
Delta R.T.: -0.003 min
Response: 668443218
Conc: 90.98 ng/ml



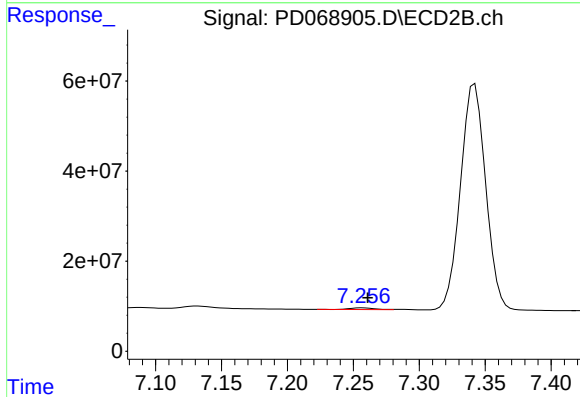
#18 Endrin aldehyde

R.T.: 6.443 min
Delta R.T.: -0.004 min
Response: 1029934
Conc: 1.04 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

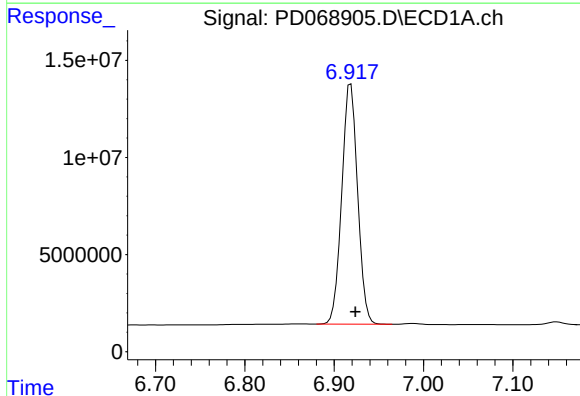
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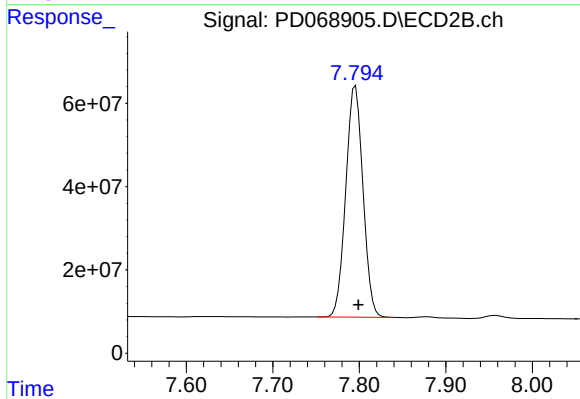
#18 Endrin aldehyde

R.T.: 7.257 min
Delta R.T.: -0.004 min
Response: 5108188
Conc: 0.84 ng/ml



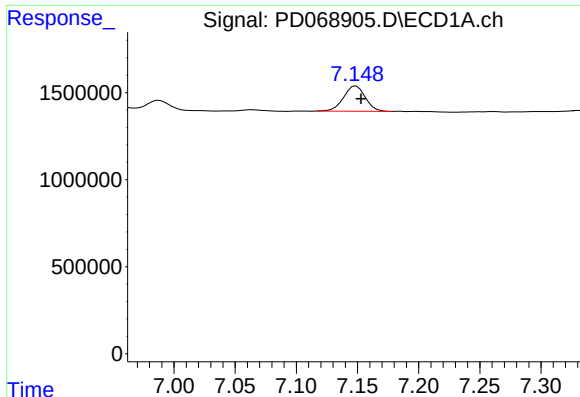
#20 Methoxychlor

R.T.: 6.919 min
Delta R.T.: -0.005 min
Response: 152539066
Conc: 220.11 ng/ml



#20 Methoxychlor

R.T.: 7.795 min
Delta R.T.: -0.003 min
Response: 763485228
Conc: 209.44 ng/ml



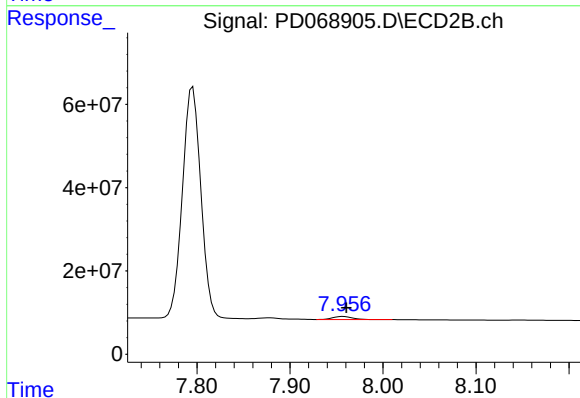
#21 Endrin ketone

R.T.: 7.149 min
Delta R.T.: -0.004 min
Response: 1789660
Conc: 1.22 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

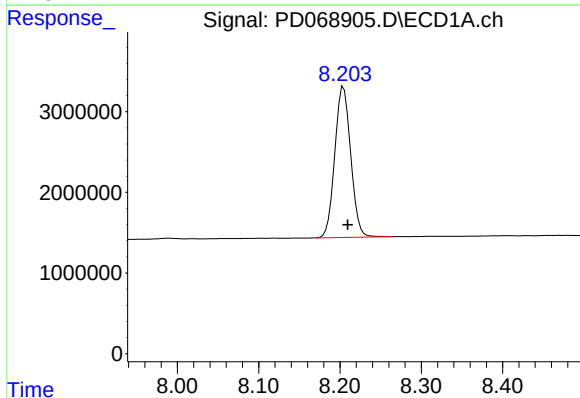
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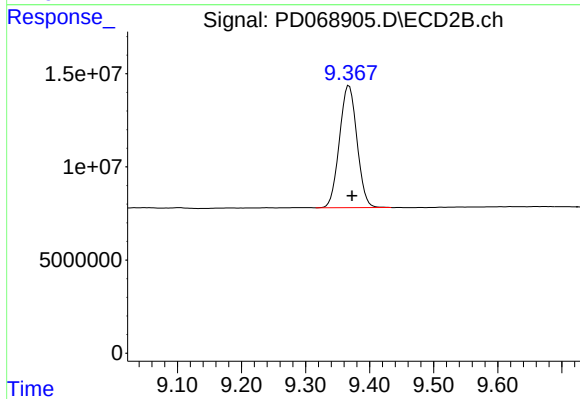
#21 Endrin ketone

R.T.: 7.957 min
Delta R.T.: -0.004 min
Response: 10558519
Conc: 1.36 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.204 min
Delta R.T.: -0.005 min
Response: 25453457
Conc: 20.15 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.368 min
Delta R.T.: -0.005 min
Response: 124593532
Conc: 21.99 ng/ml