

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD032822\
 Data File : PD068791.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 28 Mar 2022 10:22
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 03/29/2022
 Supervised By : mohammad ahmed 03/29/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 28 15:43:49 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...	3.447	4.173	24222302	210.5E6	19.950	22.013
28)	SA Decachlor...	8.207	9.371	26094596	127.0E6	20.655	22.406
Target Compounds							
2)	A alpha-BHC	3.886	4.569	16886214	155.6E6	9.326	11.305
3)	MA gamma-BHC...	4.170	4.860	15856856	142.0E6	9.496	11.359
6)	B beta-BHC	4.421	5.023	8245915	67182618	11.075	12.238
12)	B 4,4'-DDE	5.611	6.550	929369	8817793	0.679m	0.952 #
14)	MA Endrin	6.002	6.929	66359619	408.6E6	50.375	52.804
16)	A 4,4'-DDD	6.129	7.041	2417110	19843358	2.050	2.687 #
17)	MA 4,4'-DDT	6.369	7.344	118.8E6	686.7E6	98.872	93.466
18)	B Endrin al...	6.445	7.259	1261269	7101209	1.270	1.173
20)	A Methoxychlor	6.921	7.797	150.2E6	772.3E6	216.686	211.876
21)	B Endrin ke...	7.151	7.959	2088266	12905065	1.419	1.665m

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

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Data File : PD068791.D
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Acq On : 28 Mar 2022 10:22
Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

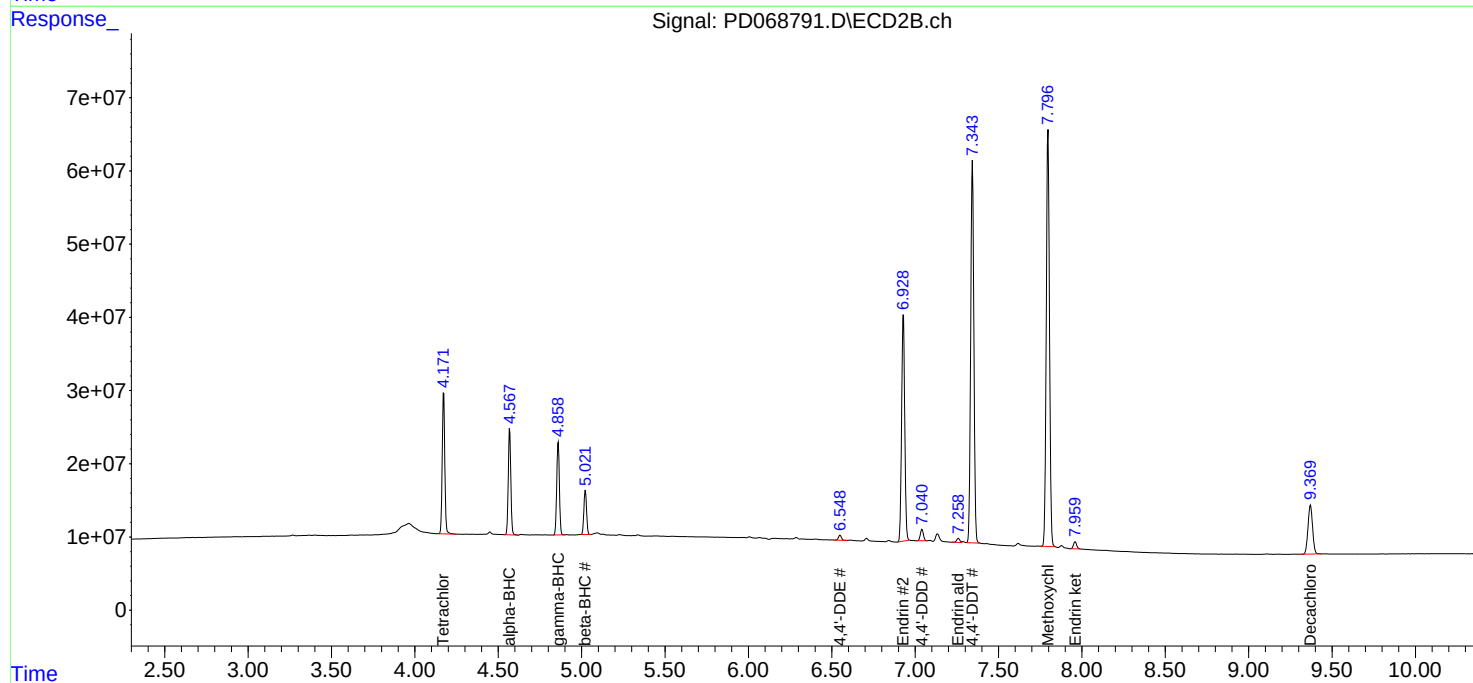
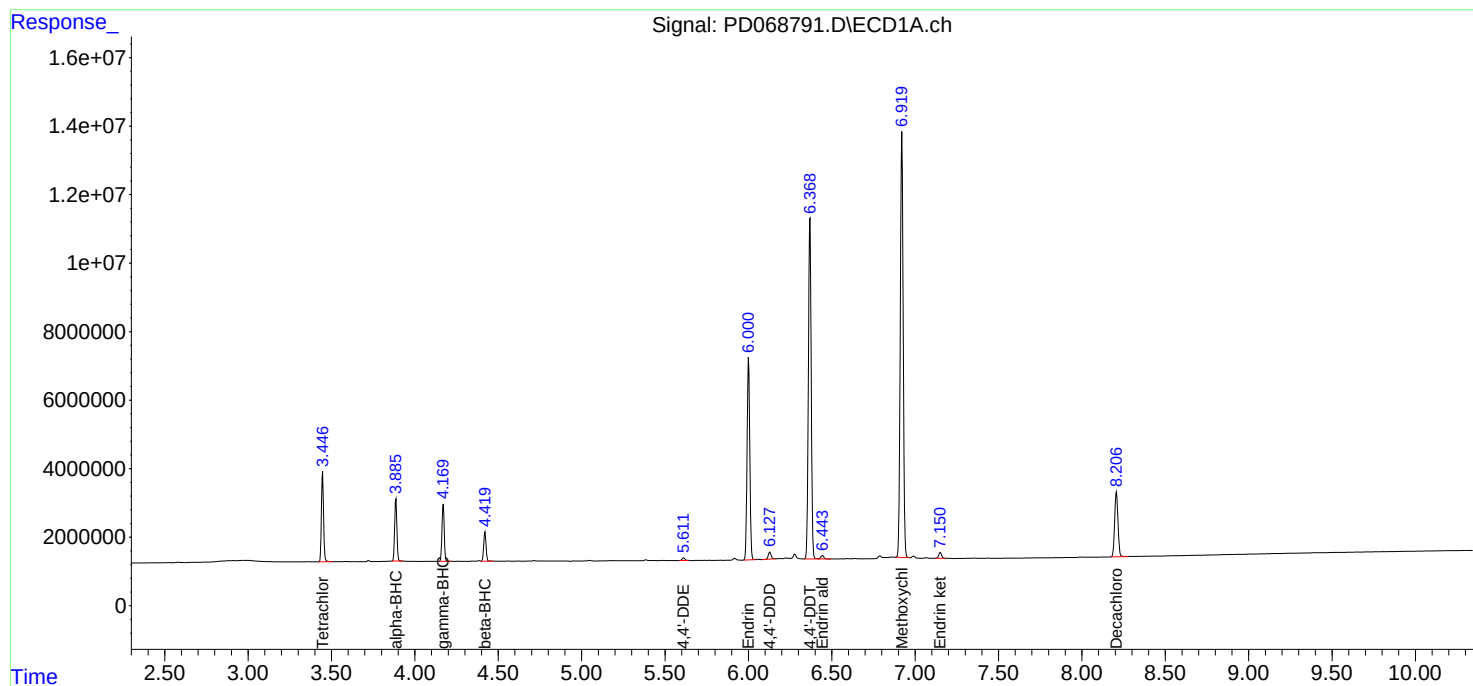
Instrument :
ECD_D
ClientSampleId :
PEM

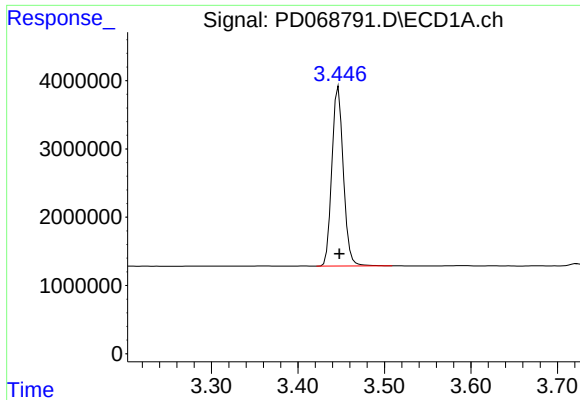
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Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
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Signal #1 Info : 30M x 0.32mm x 0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm





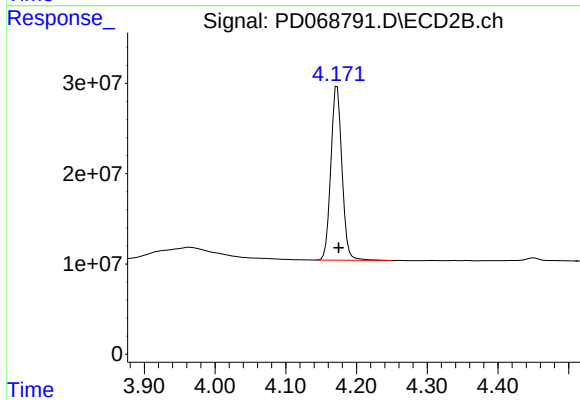
#1 Tetrachloro-m-xylene

R.T.: 3.447 min
Delta R.T.: -0.001 min
Response: 24222302
Conc: 19.95 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

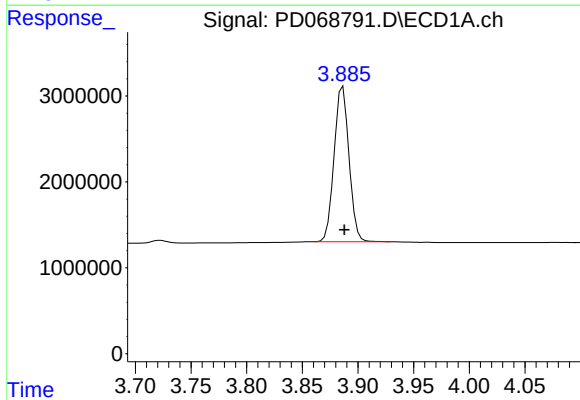
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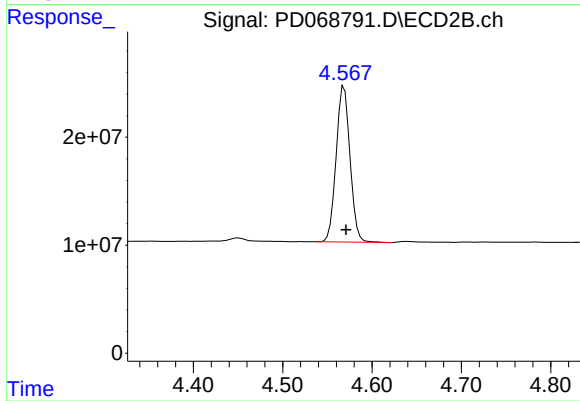
#1 Tetrachloro-m-xylene

R.T.: 4.173 min
Delta R.T.: -0.002 min
Response: 210461884
Conc: 22.01 ng/ml



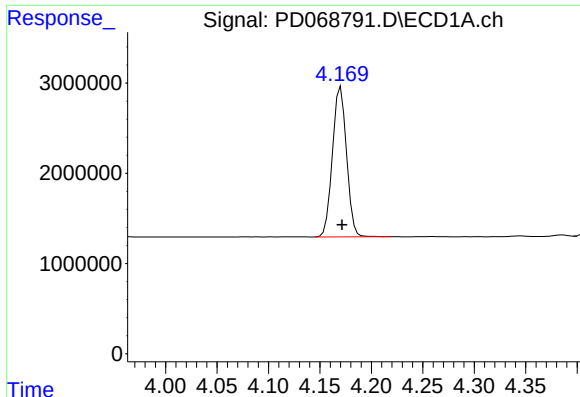
#2 alpha-BHC

R.T.: 3.886 min
Delta R.T.: -0.001 min
Response: 16886214
Conc: 9.33 ng/ml



#2 alpha-BHC

R.T.: 4.569 min
Delta R.T.: -0.002 min
Response: 155592750
Conc: 11.31 ng/ml



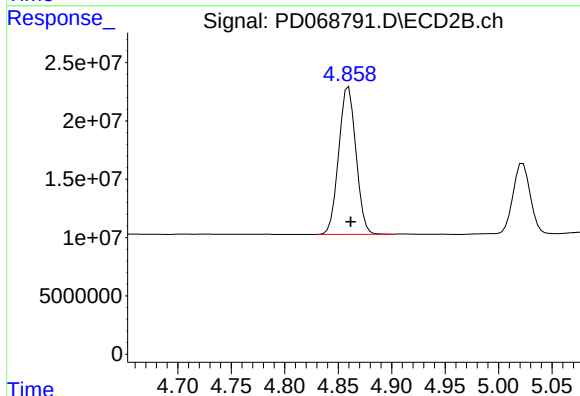
#3 gamma-BHC (Lindane)

R.T.: 4.170 min
Delta R.T.: -0.001 min
Response: 15856856
Conc: 9.50 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

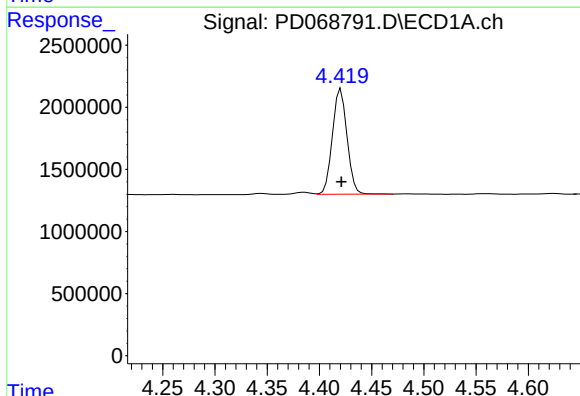
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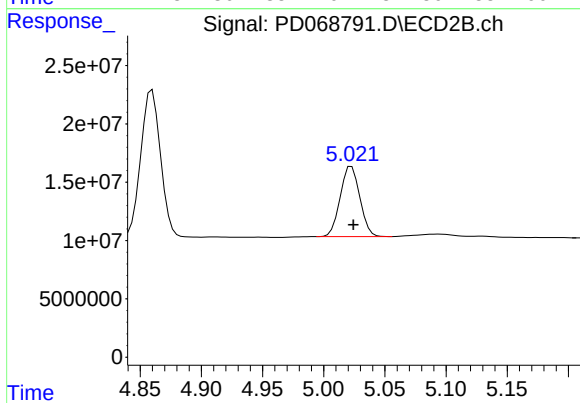
#3 gamma-BHC (Lindane)

R.T.: 4.860 min
Delta R.T.: -0.002 min
Response: 142021786
Conc: 11.36 ng/ml



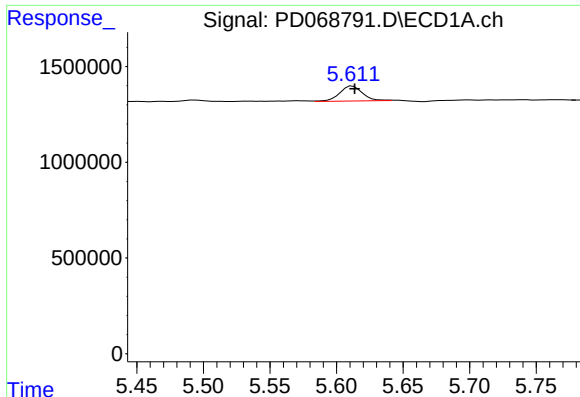
#6 beta-BHC

R.T.: 4.421 min
Delta R.T.: 0.000 min
Response: 8245915
Conc: 11.07 ng/ml



#6 beta-BHC

R.T.: 5.023 min
Delta R.T.: -0.002 min
Response: 67182618
Conc: 12.24 ng/ml



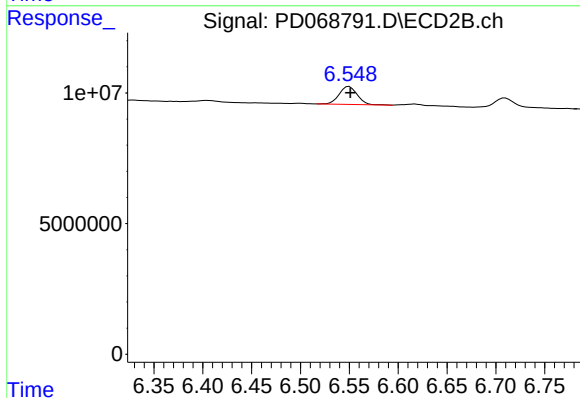
#12 4,4'-DDE

R.T.: 5.611 min
Delta R.T.: -0.003 min
Response: 929369
Conc: 0.68 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

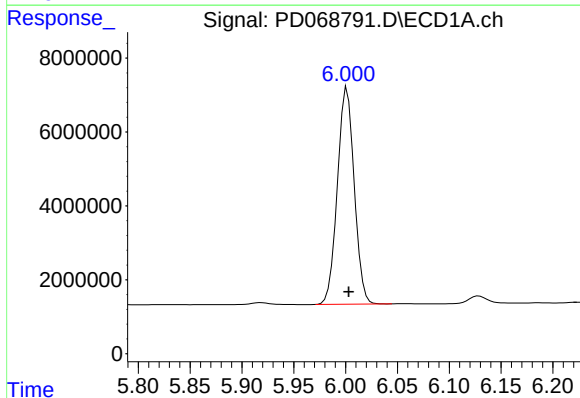
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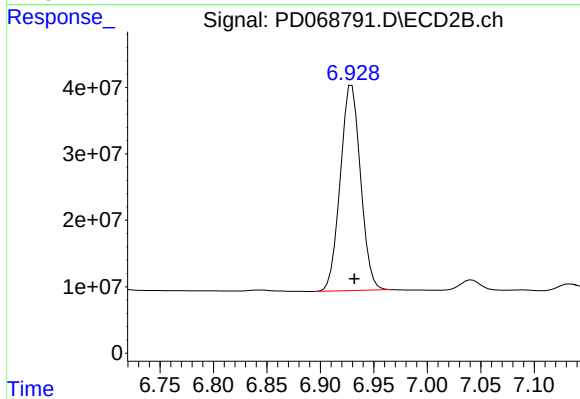
#12 4,4'-DDE

R.T.: 6.550 min
Delta R.T.: -0.001 min
Response: 8817793
Conc: 0.95 ng/ml



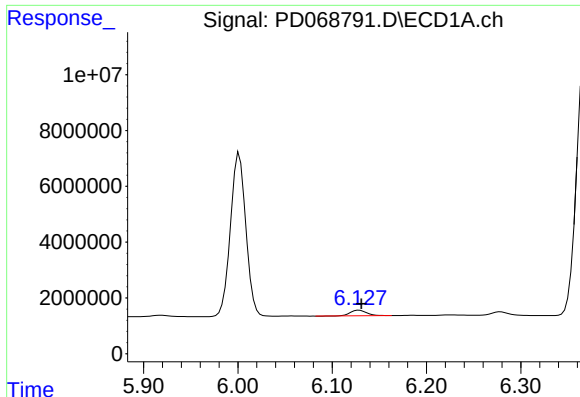
#14 Endrin

R.T.: 6.002 min
Delta R.T.: -0.002 min
Response: 66359619
Conc: 50.37 ng/ml



#14 Endrin

R.T.: 6.929 min
Delta R.T.: -0.002 min
Response: 408574439
Conc: 52.80 ng/ml



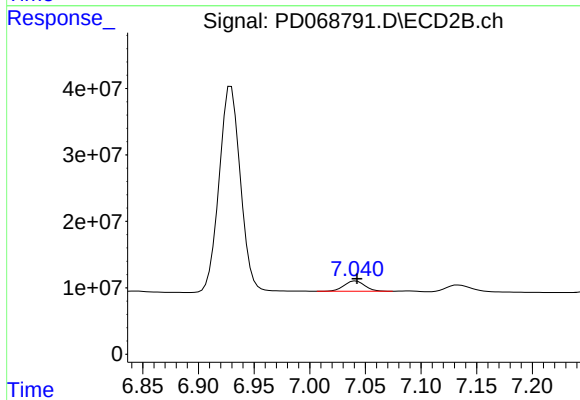
#16 4,4'-DDD

R.T.: 6.129 min
Delta R.T.: -0.002 min
Response: 2417110
Conc: 2.05 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

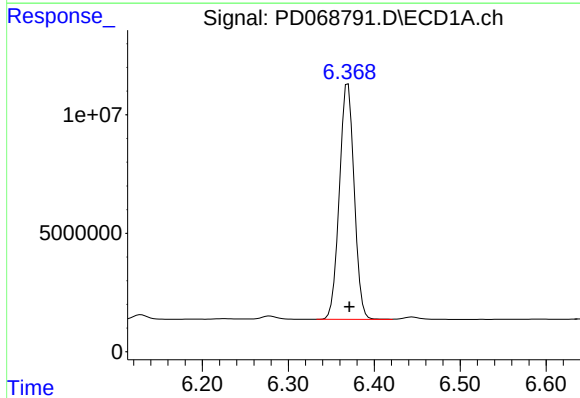
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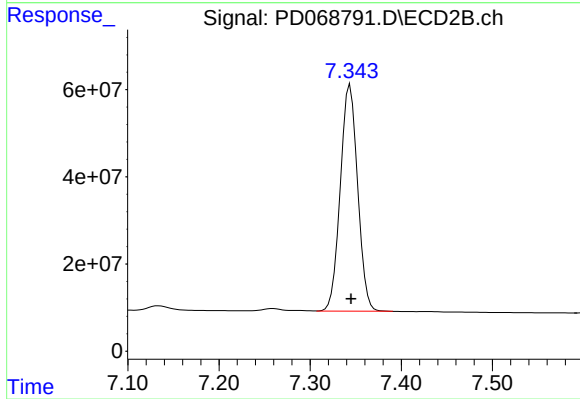
#16 4,4'-DDD

R.T.: 7.041 min
Delta R.T.: 0.000 min
Response: 19843358
Conc: 2.69 ng/ml



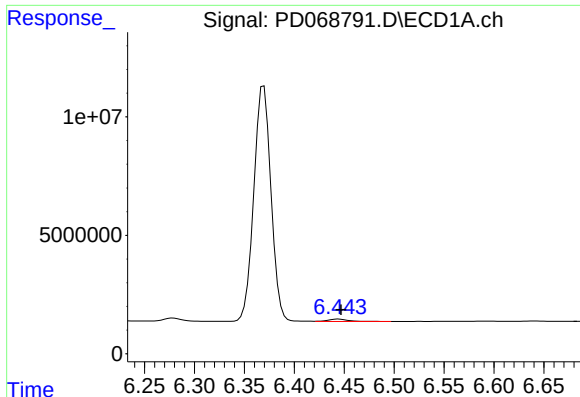
#17 4,4'-DDT

R.T.: 6.369 min
Delta R.T.: -0.002 min
Response: 118840761
Conc: 98.87 ng/ml



#17 4,4'-DDT

R.T.: 7.344 min
Delta R.T.: -0.001 min
Response: 686671234
Conc: 93.47 ng/ml



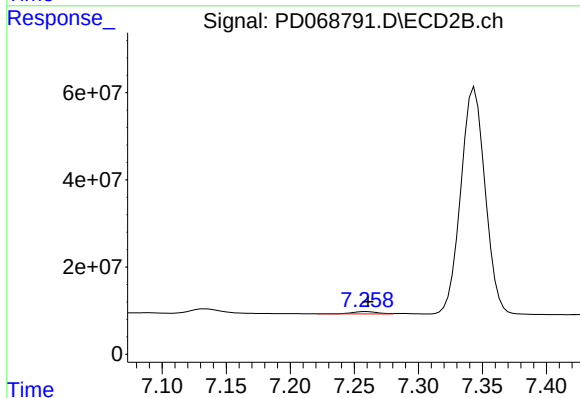
#18 Endrin aldehyde

R.T.: 6.445 min
Delta R.T.: -0.002 min
Response: 1261269
Conc: 1.27 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

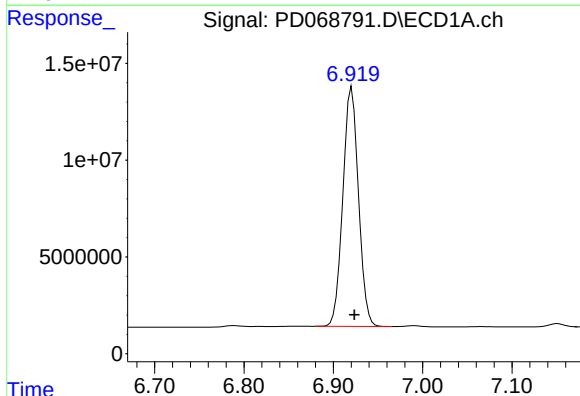
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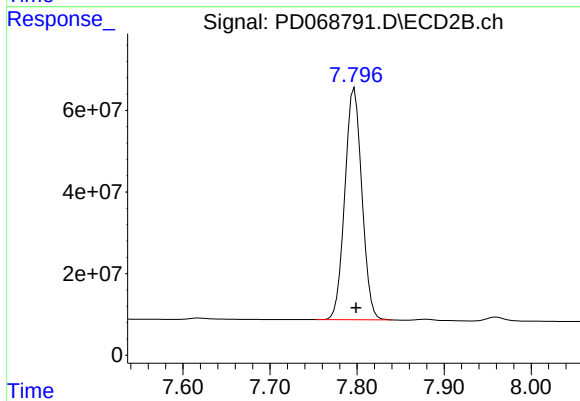
#18 Endrin aldehyde

R.T.: 7.259 min
Delta R.T.: -0.001 min
Response: 7101209
Conc: 1.17 ng/ml



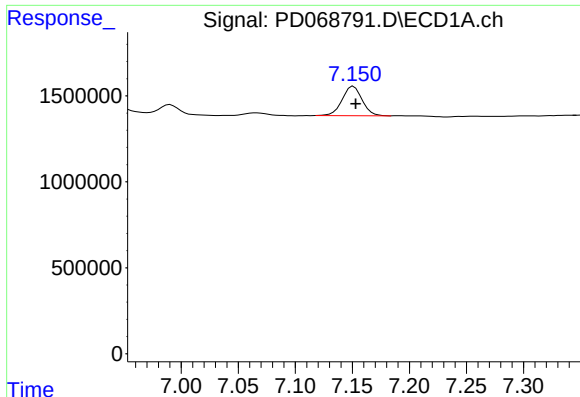
#20 Methoxychlor

R.T.: 6.921 min
Delta R.T.: -0.003 min
Response: 150169294
Conc: 216.69 ng/ml



#20 Methoxychlor

R.T.: 7.797 min
Delta R.T.: -0.002 min
Response: 772349627
Conc: 211.88 ng/ml



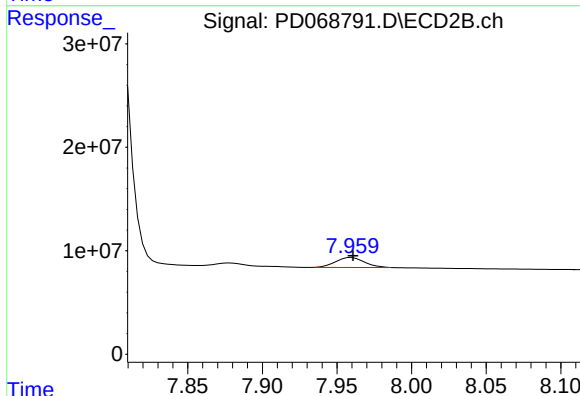
#21 Endrin ketone

R.T.: 7.151 min
Delta R.T.: -0.002 min
Response: 2088266
Conc: 1.42 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

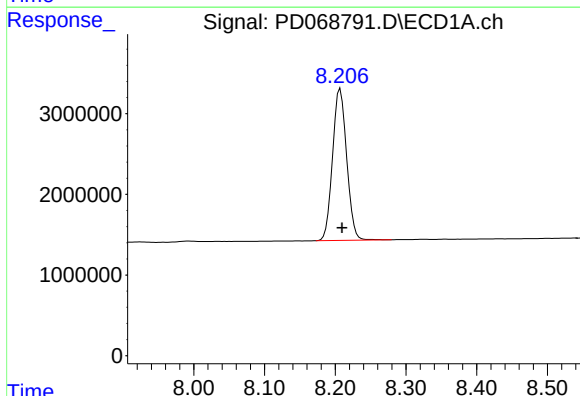
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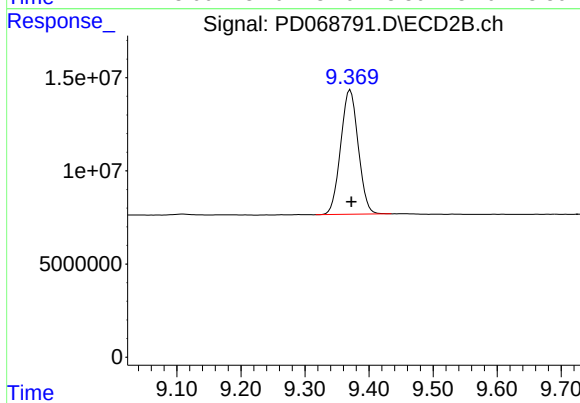
#21 Endrin ketone

R.T.: 7.959 min
Delta R.T.: -0.002 min
Response: 12905065
Conc: 1.67 ng/ml m



#28 Decachlorobiphenyl

R.T.: 8.207 min
Delta R.T.: -0.003 min
Response: 26094596
Conc: 20.65 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.371 min
Delta R.T.: -0.002 min
Response: 126968057
Conc: 22.41 ng/ml