

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD052422\
 Data File : PD069789.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 23 May 2022 17:03
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 05/24/2022
 Supervised By : Ankita Jodhani 05/24/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 24 02:37:37 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD052022.M
 Quant Title : GC Extractables
 QLast Update : Mon May 23 02:08:05 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 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...	3.451	4.169	21397202	196.7E6	21.353	20.591m
28)	SA Decachlor...	8.207	9.366	21806279	129.6E6	20.216	21.622m
Target Compounds							
2)	A alpha-BHC	3.890	4.564	15314240	102.9E6	10.254	7.375m#
3)	MA gamma-BHC...	4.173	4.857	14147703	141.1E6	9.582m	11.020m
6)	B beta-BHC	4.424	5.021	9201786	54165316	14.127m	9.647m#
12)	B 4,4'-DDE	5.608	6.544	439725	3110908	0.380m	0.313m
14)	MA Endrin	6.004	6.927	58103066	322.5E6	52.293	39.677
16)	A 4,4'-DDD	6.132	7.038	515287	3641288	0.518	0.449m
17)	MA 4,4'-DDT	6.371	7.341	106.5E6	725.2E6	110.897	88.185m
18)	B Endrin al...	6.449	7.252	1411259	1673335	1.641	0.262m#
20)	A Methoxychlor	6.922	7.794	145.0E6	929.4E6	251.642	225.408m
21)	B Endrin ke...	7.151	7.959	632737	10993710	0.505m	1.316m#

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

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ALS Vial : 3 Sample Multiplier: 1

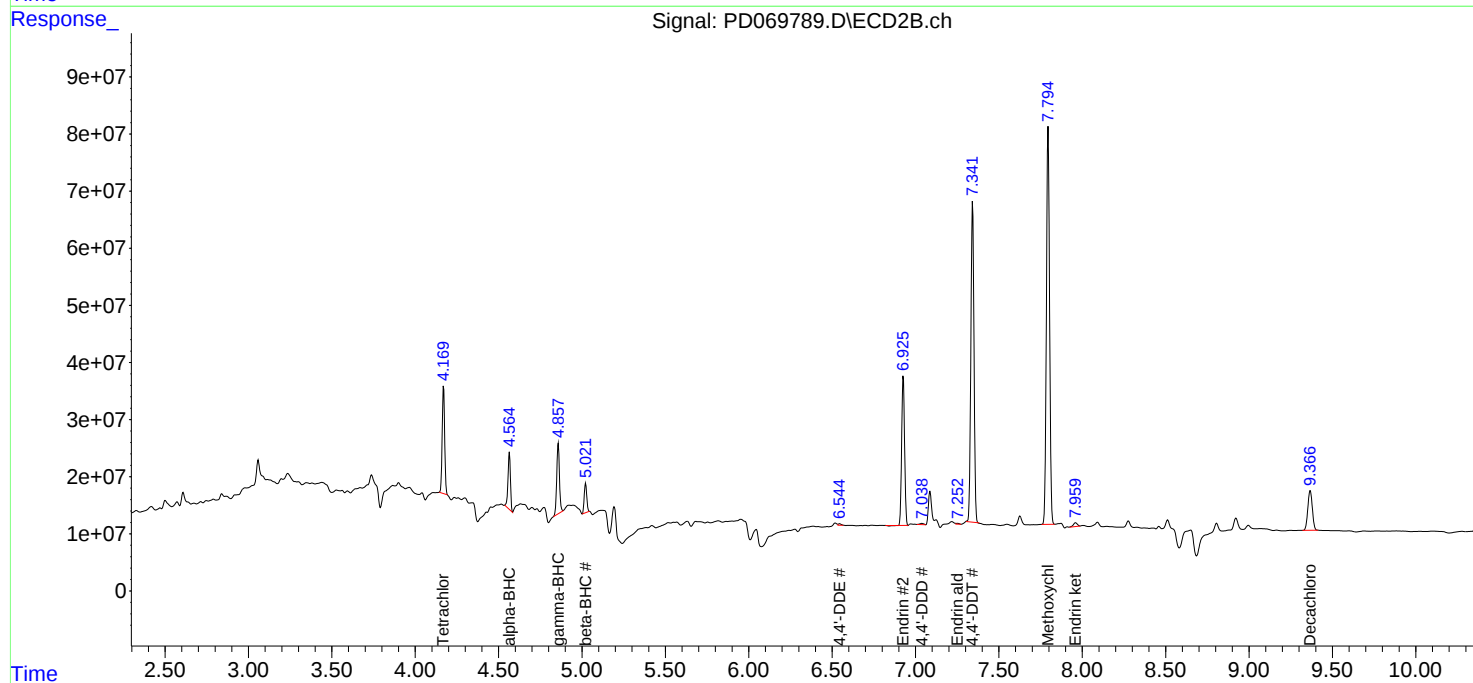
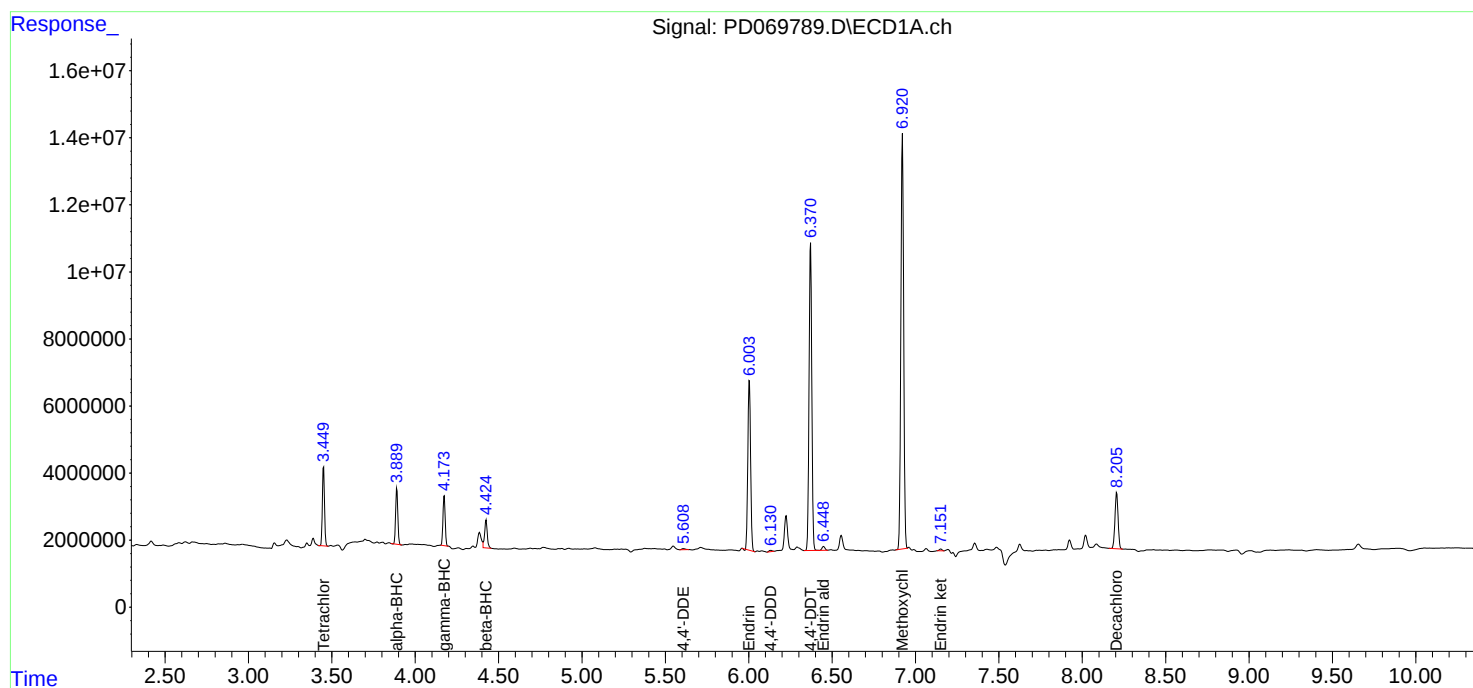
Instrument :
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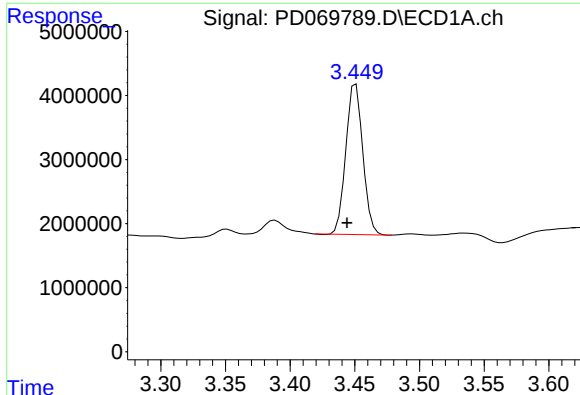
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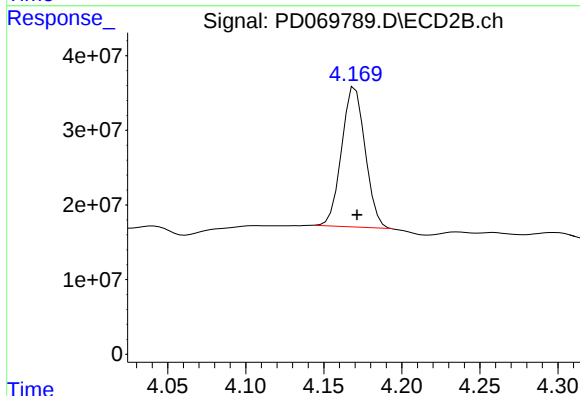
#1 Tetrachloro-m-xylene

R.T.: 3.451 min
Delta R.T.: 0.007 min
Response: 21397202
Conc: 21.35 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

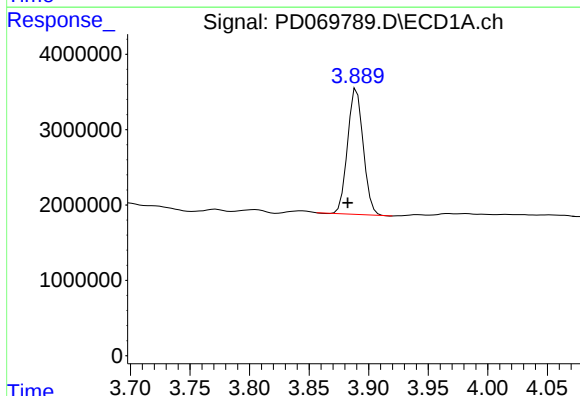
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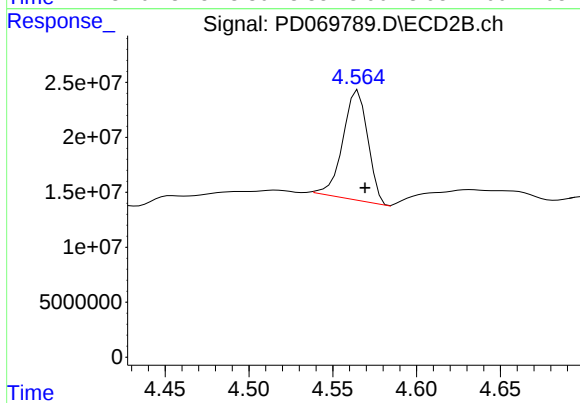
#1 Tetrachloro-m-xylene

R.T.: 4.169 min
Delta R.T.: -0.003 min
Response: 196723963
Conc: 20.59 ng/ml m



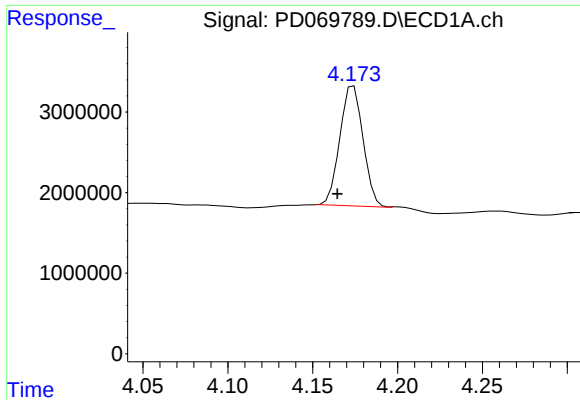
#2 alpha-BHC

R.T.: 3.890 min
Delta R.T.: 0.008 min
Response: 15314240
Conc: 10.25 ng/ml



#2 alpha-BHC

R.T.: 4.564 min
Delta R.T.: -0.005 min
Response: 102862669
Conc: 7.37 ng/ml m



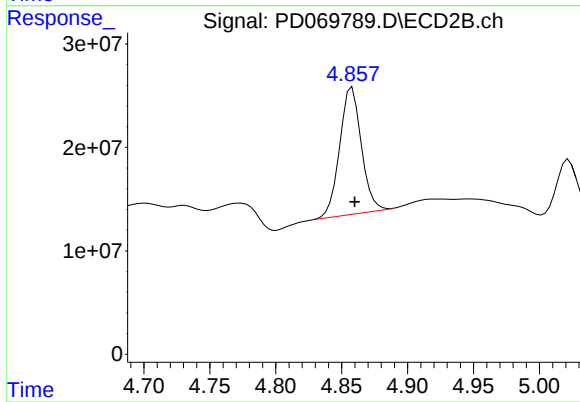
#3 gamma-BHC (Lindane)

R.T.: 4.173 min
Delta R.T.: 0.008 min
Response: 14147703
Conc: 9.58 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

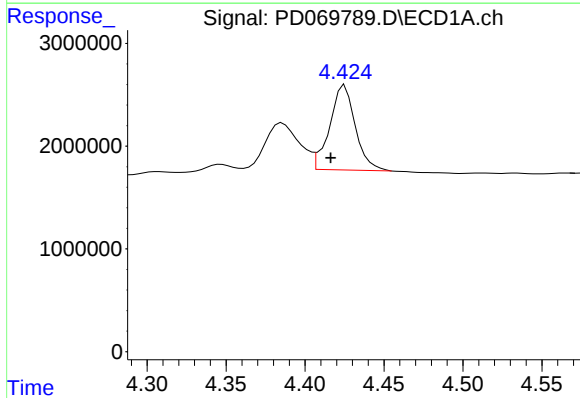
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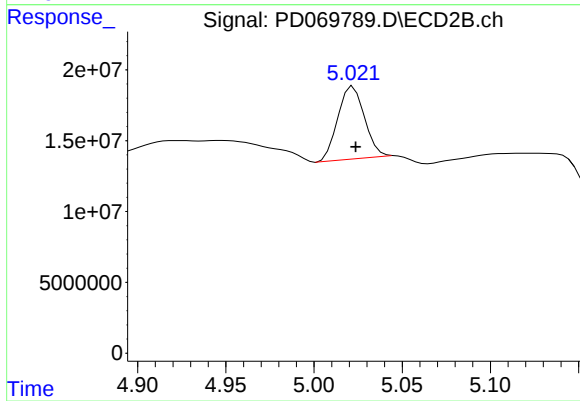
#3 gamma-BHC (Lindane)

R.T.: 4.857 min
Delta R.T.: -0.003 min
Response: 141128716
Conc: 11.02 ng/ml m



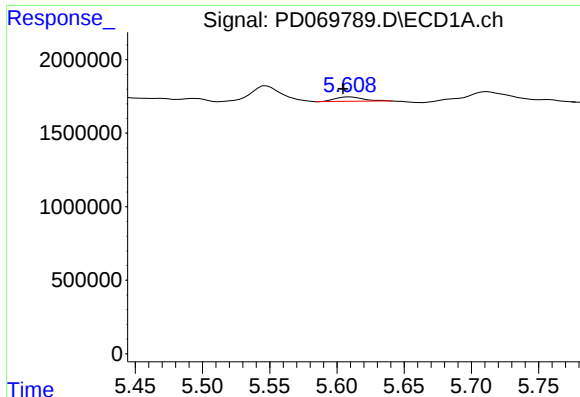
#6 beta-BHC

R.T.: 4.424 min
Delta R.T.: 0.007 min
Response: 9201786
Conc: 14.13 ng/ml m



#6 beta-BHC

R.T.: 5.021 min
Delta R.T.: -0.003 min
Response: 54165316
Conc: 9.65 ng/ml m



#12 4,4'-DDE

R.T.: 5.608 min
Delta R.T.: 0.003 min
Response: 439725
Conc: 0.38 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

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#12 4,4'-DDE

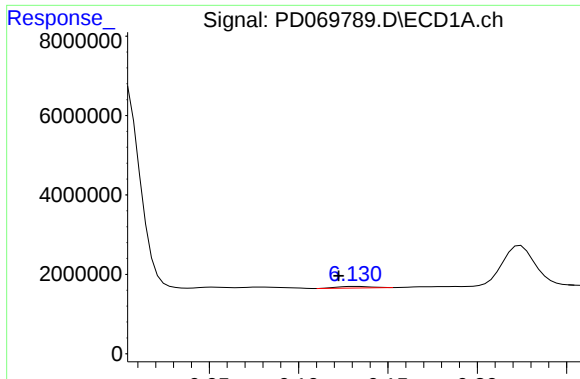
R.T.: 6.544 min
Delta R.T.: -0.005 min
Response: 3110908
Conc: 0.31 ng/ml m

#14 Endrin

R.T.: 6.004 min
Delta R.T.: 0.009 min
Response: 58103066
Conc: 52.29 ng/ml

#14 Endrin

R.T.: 6.927 min
Delta R.T.: -0.003 min
Response: 322497374
Conc: 39.68 ng/ml



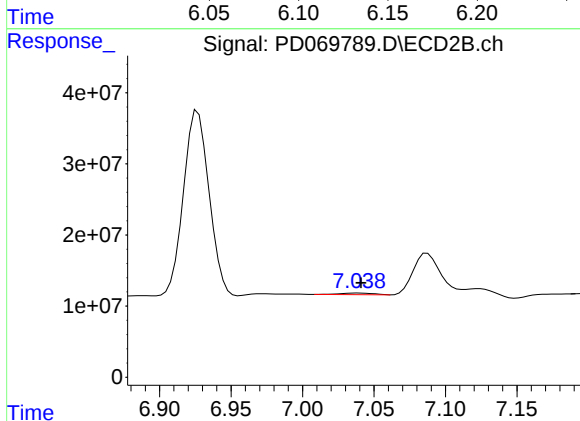
#16 4,4'-DDD

R.T.: 6.132 min
Delta R.T.: 0.009 min
Response: 515287
Conc: 0.52 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

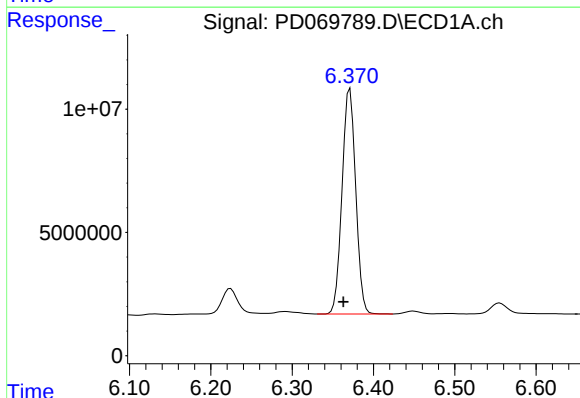
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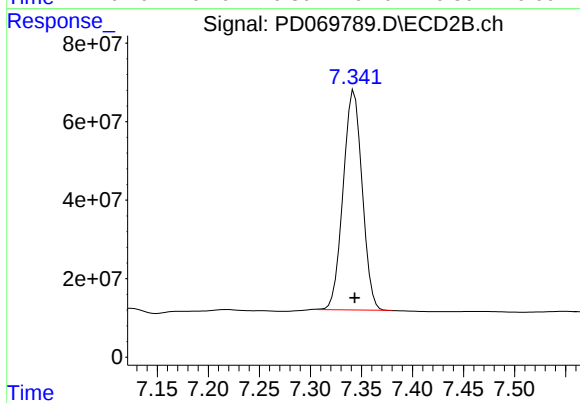
#16 4,4'-DDD

R.T.: 7.038 min
Delta R.T.: -0.003 min
Response: 3641288
Conc: 0.45 ng/ml m



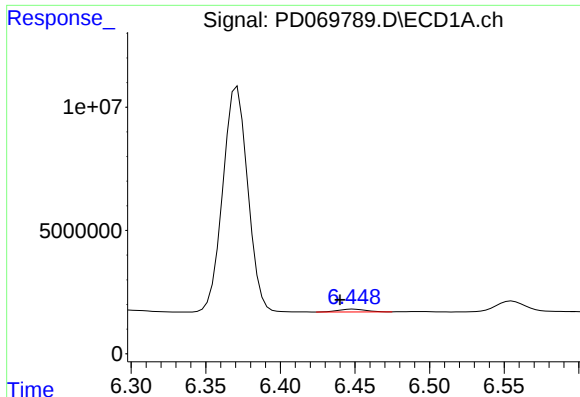
#17 4,4'-DDT

R.T.: 6.371 min
Delta R.T.: 0.008 min
Response: 106467370
Conc: 110.90 ng/ml



#17 4,4'-DDT

R.T.: 7.341 min
Delta R.T.: -0.002 min
Response: 725227769
Conc: 88.18 ng/ml m



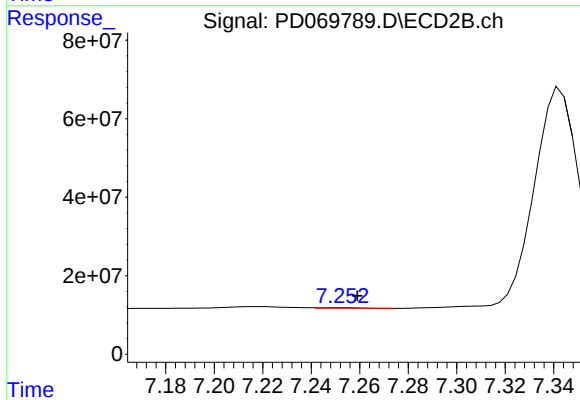
#18 Endrin aldehyde

R.T.: 6.449 min
Delta R.T.: 0.009 min
Response: 1411259
Conc: 1.64 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

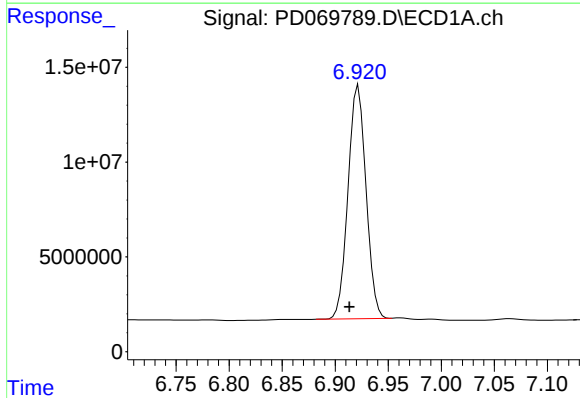
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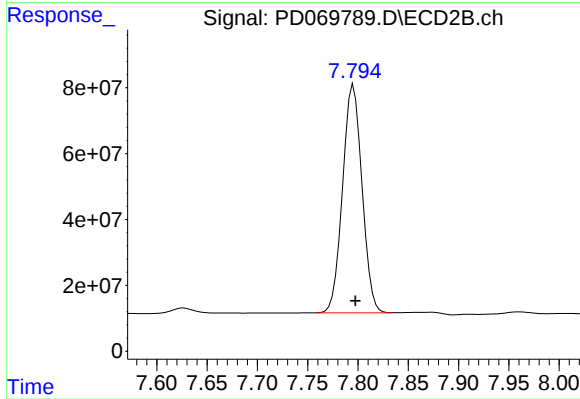
#18 Endrin aldehyde

R.T.: 7.252 min
Delta R.T.: -0.007 min
Response: 1673335
Conc: 0.26 ng/ml m



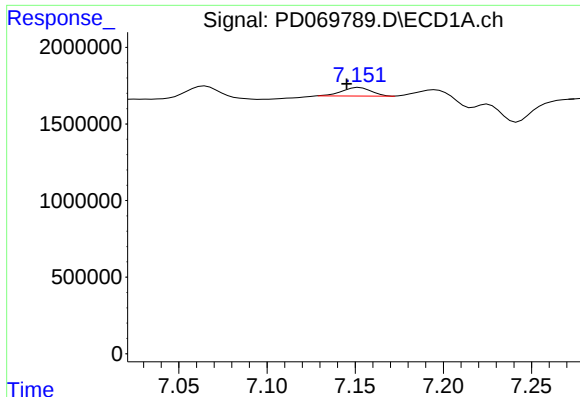
#20 Methoxychlor

R.T.: 6.922 min
Delta R.T.: 0.008 min
Response: 145043475
Conc: 251.64 ng/ml



#20 Methoxychlor

R.T.: 7.794 min
Delta R.T.: -0.003 min
Response: 929449536
Conc: 225.41 ng/ml m



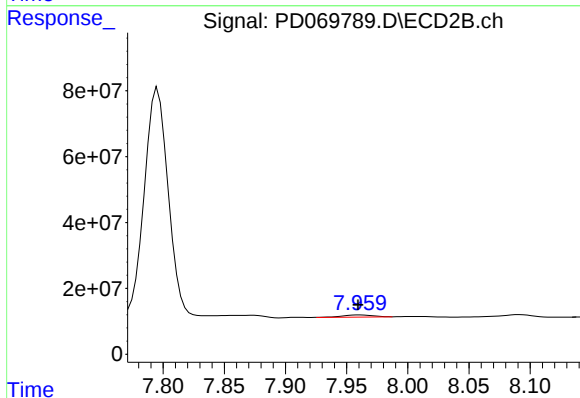
#21 Endrin ketone

R.T.: 7.151 min
Delta R.T.: 0.006 min
Response: 632737
Conc: 0.51 ng/ml

Instrument :
ECD_D
ClientSampleId :
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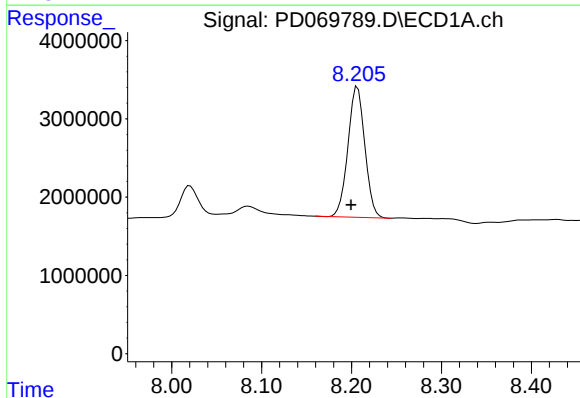
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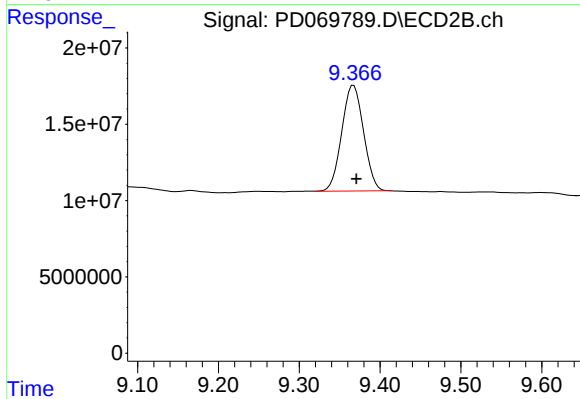
#21 Endrin ketone

R.T.: 7.959 min
Delta R.T.: 0.000 min
Response: 10993710
Conc: 1.32 ng/ml m



#28 Decachlorobiphenyl

R.T.: 8.207 min
Delta R.T.: 0.007 min
Response: 21806279
Conc: 20.22 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.366 min
Delta R.T.: -0.005 min
Response: 129578345
Conc: 21.62 ng/ml m