

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD080822\
 Data File : PD071385.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 08 Aug 2022 09:59
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 08/09/2022
 Supervised By :Ankita Jodhani 08/09/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 08 11:49:03 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD072622.M
 Quant Title : GC Extractables
 QLast Update : Tue Jul 26 03:39:07 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...	2.813	3.572	56742331	657.5E6	20.008	23.356
28)	SA Decachlor...	8.013	9.101	57841173	253.3E6	20.855	24.471
Target Compounds							
2)	A alpha-BHC	3.323	4.038	43144340	474.8E6	10.289	12.791
3)	MA gamma-BHC...	3.657	4.374	40108872	388.2E6	10.027	12.966 #
6)	B beta-BHC	3.956	4.580	18942116	160.3E6	11.088	13.532
12)	B 4,4'-DDE	5.308	6.224	379040	1373762	0.111	0.096m
14)	MA Endrin	5.715	6.624	158.5E6	691.1E6	50.049	55.252
16)	A 4,4'-DDD	5.866	6.763	3037468	11108747	1.066m	0.934m
17)	MA 4,4'-DDT	6.117	7.066	317.2E6	1401.2E6	107.475	107.426
18)	B Endrin al...	6.192	6.980	5098184	21595770	2.312	2.229
20)	A Methoxychlor	6.697	7.542	412.2E6	1718.8E6	249.896	249.368
21)	B Endrin ke...	6.926	7.704	9911188	41543553	3.043	3.095

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

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Acq On : 08 Aug 2022 09:59
Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

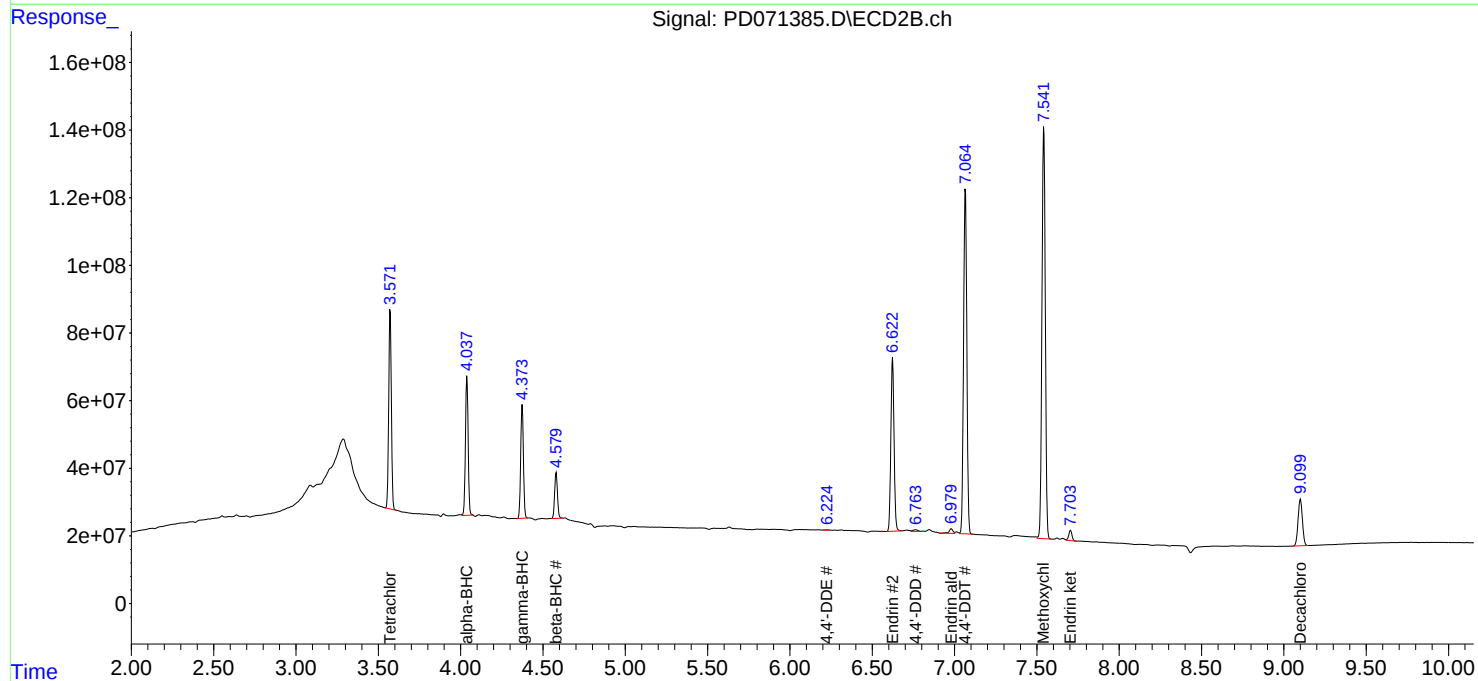
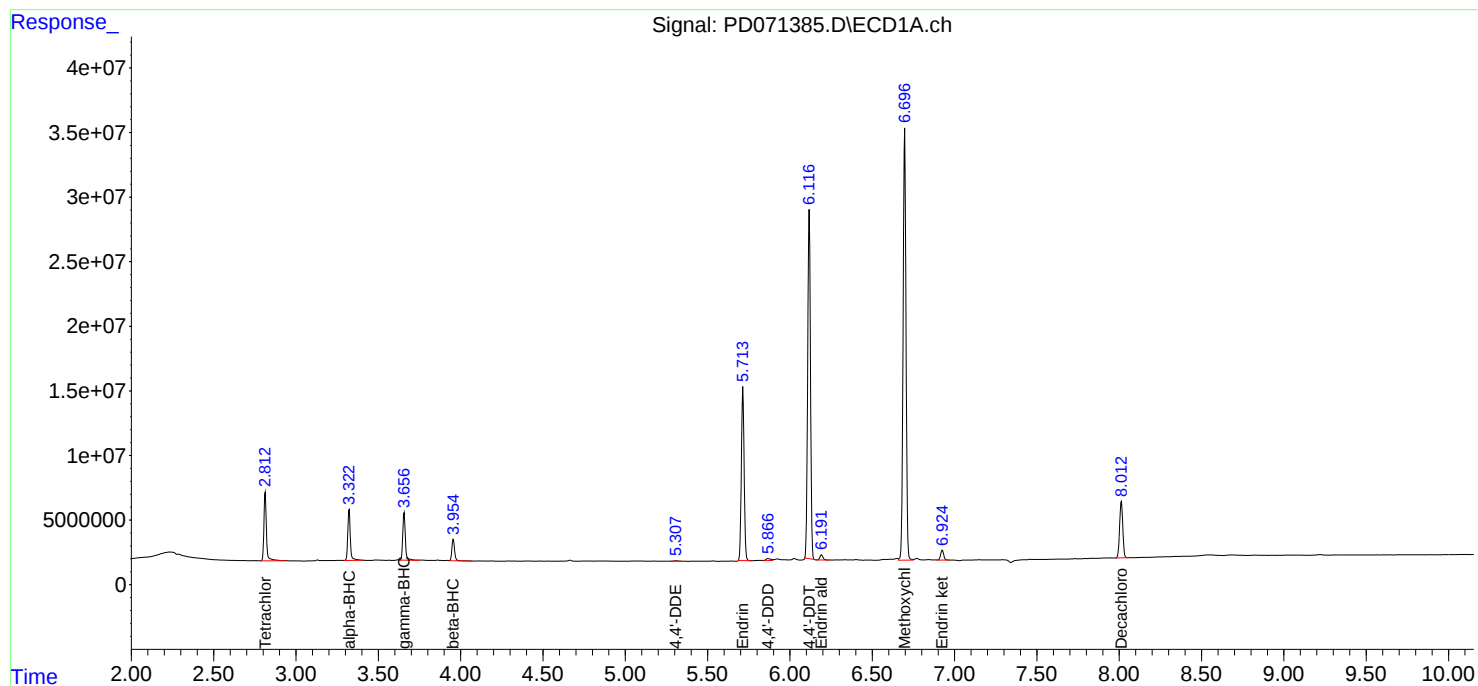
Instrument :
ECD_D
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PEM

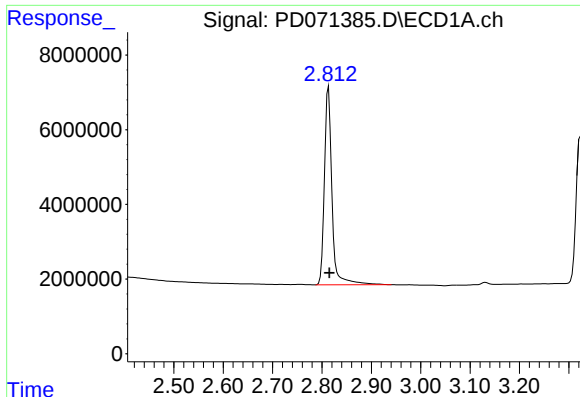
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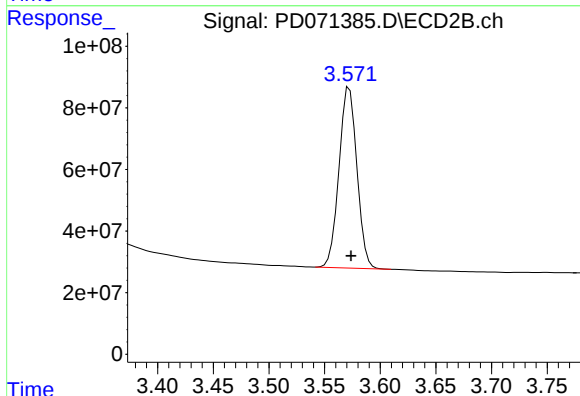
#1 Tetrachloro-m-xylene

R.T.: 2.813 min
Delta R.T.: -0.002 min
Response: 56742331
Conc: 20.01 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

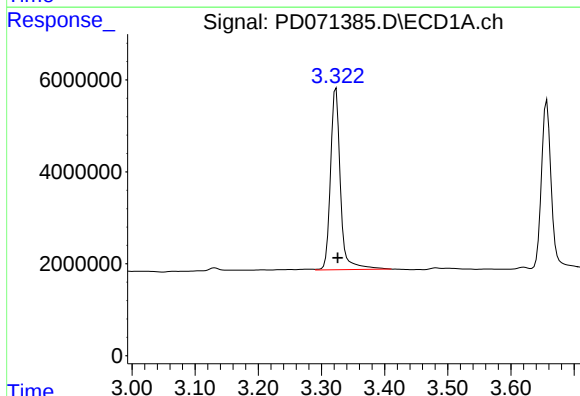
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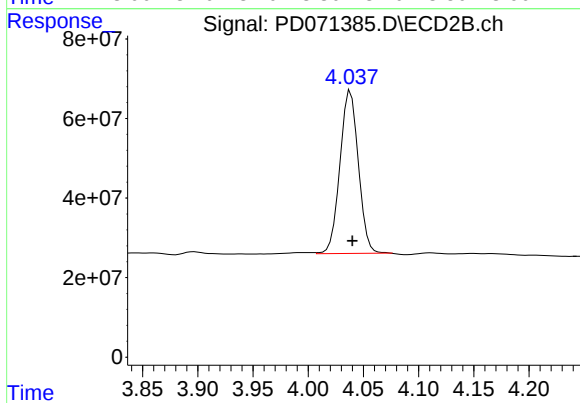
#1 Tetrachloro-m-xylene

R.T.: 3.572 min
Delta R.T.: -0.002 min
Response: 657465903
Conc: 23.36 ng/ml



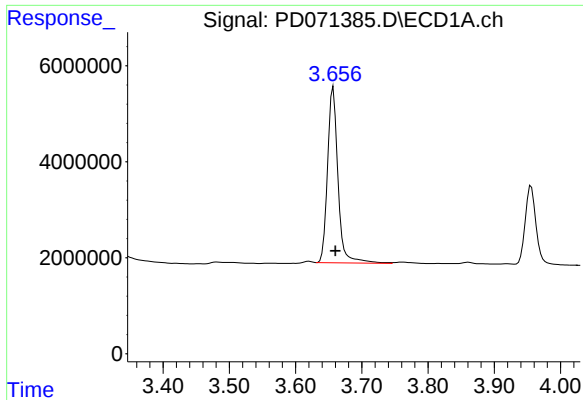
#2 alpha-BHC

R.T.: 3.323 min
Delta R.T.: -0.003 min
Response: 43144340
Conc: 10.29 ng/ml



#2 alpha-BHC

R.T.: 4.038 min
Delta R.T.: -0.002 min
Response: 474841171
Conc: 12.79 ng/ml



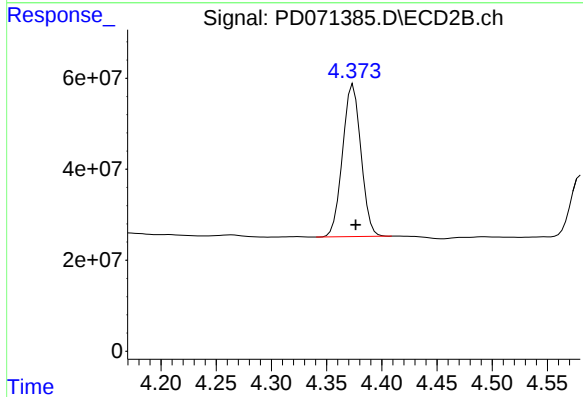
#3 gamma-BHC (Lindane)

R.T.: 3.657 min
Delta R.T.: -0.003 min
Response: 40108872
Conc: 10.03 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

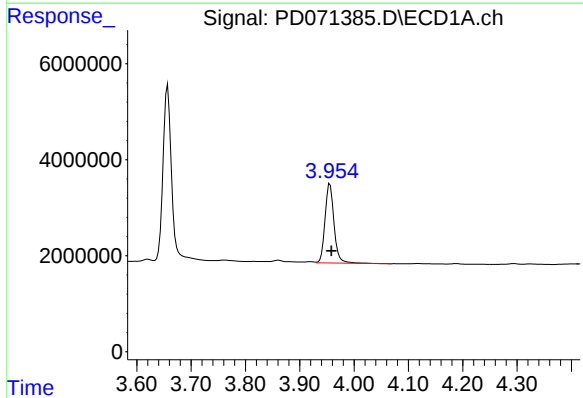
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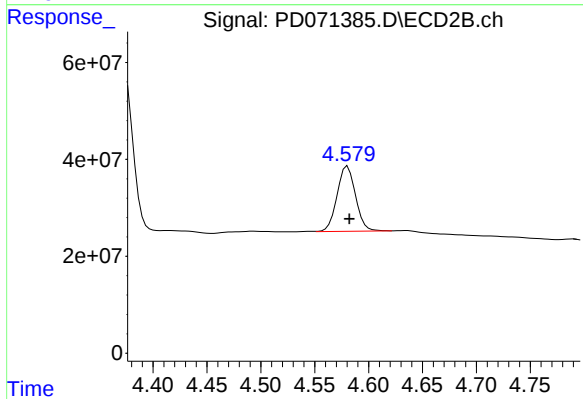
#3 gamma-BHC (Lindane)

R.T.: 4.374 min
Delta R.T.: -0.002 min
Response: 388238039
Conc: 12.97 ng/ml



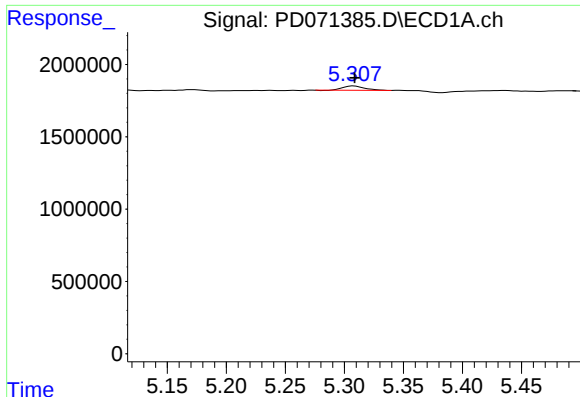
#6 beta-BHC

R.T.: 3.956 min
Delta R.T.: -0.003 min
Response: 18942116
Conc: 11.09 ng/ml



#6 beta-BHC

R.T.: 4.580 min
Delta R.T.: -0.002 min
Response: 160283451
Conc: 13.53 ng/ml



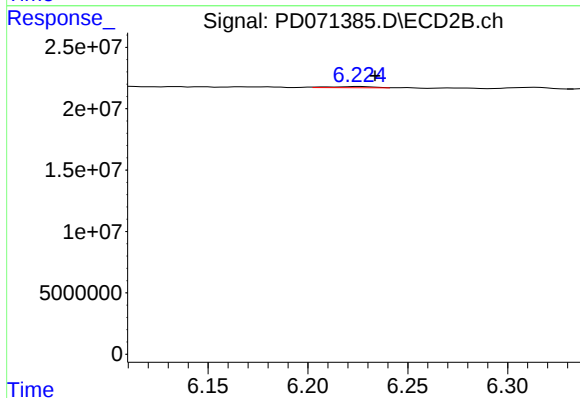
#12 4,4'-DDE

R.T.: 5.308 min
Delta R.T.: 0.000 min
Response: 379040
Conc: 0.11 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

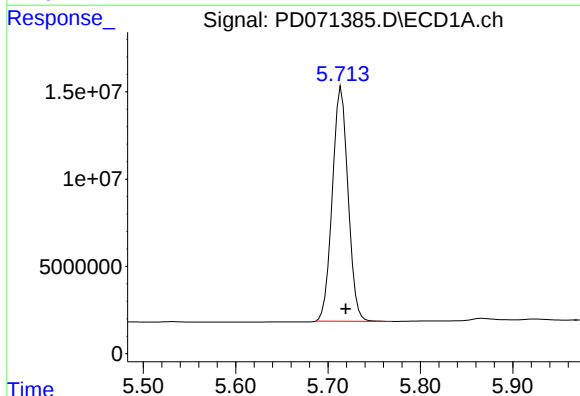
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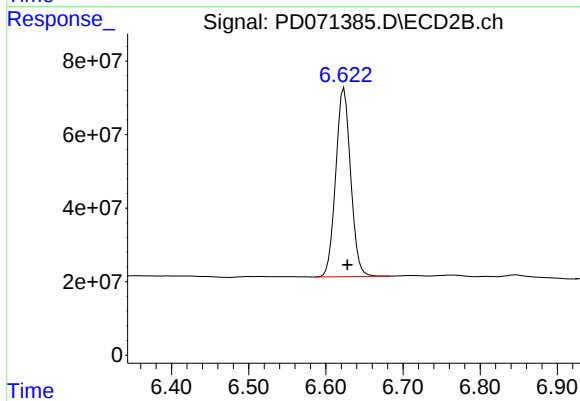
#12 4,4'-DDE

R.T.: 6.224 min
Delta R.T.: -0.009 min
Response: 1373762
Conc: 0.10 ng/ml m



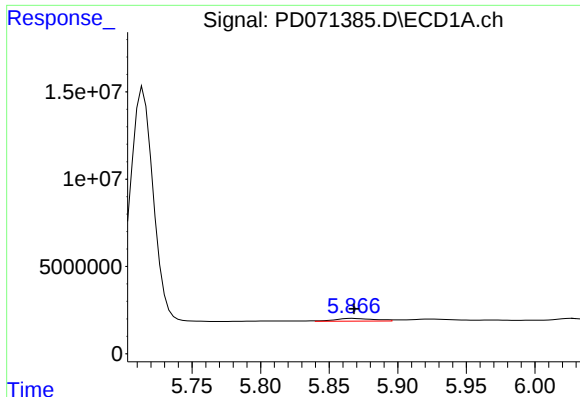
#14 Endrin

R.T.: 5.715 min
Delta R.T.: -0.005 min
Response: 158461512
Conc: 50.05 ng/ml



#14 Endrin

R.T.: 6.624 min
Delta R.T.: -0.004 min
Response: 691126920
Conc: 55.25 ng/ml



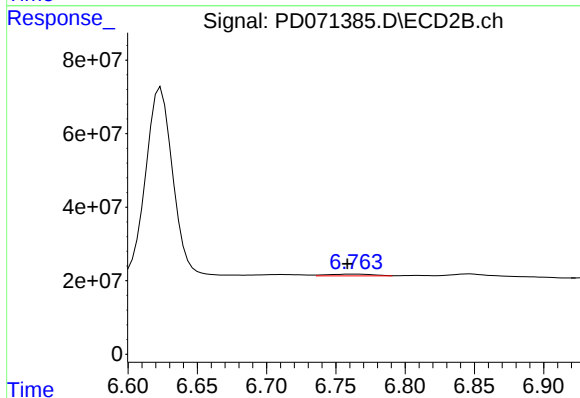
#16 4,4'-DDD

R.T.: 5.866 min
Delta R.T.: -0.002 min
Response: 3037468
Conc: 1.07 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

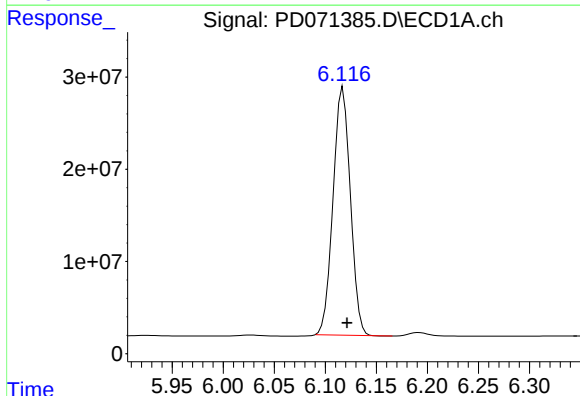
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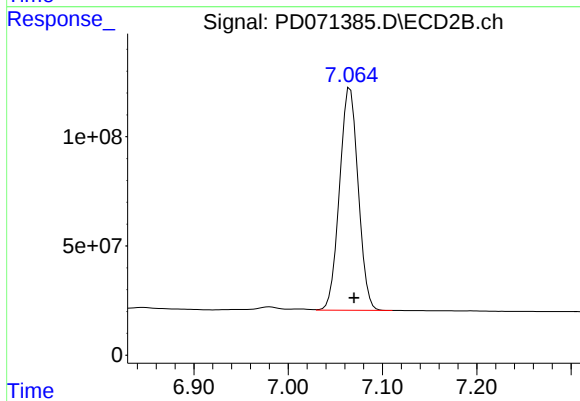
#16 4,4'-DDD

R.T.: 6.763 min
Delta R.T.: 0.004 min
Response: 11108747
Conc: 0.93 ng/ml m



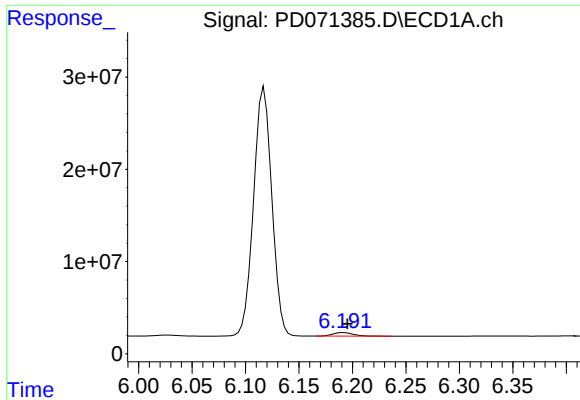
#17 4,4'-DDT

R.T.: 6.117 min
Delta R.T.: -0.004 min
Response: 317239407
Conc: 107.48 ng/ml



#17 4,4'-DDT

R.T.: 7.066 min
Delta R.T.: -0.004 min
Response: 1401159116
Conc: 107.43 ng/ml



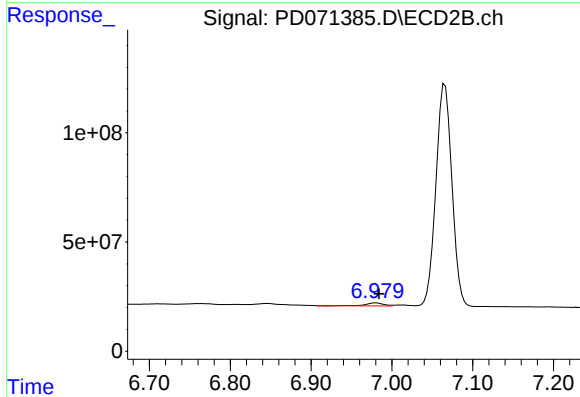
#18 Endrin aldehyde

R.T.: 6.192 min
Delta R.T.: -0.003 min
Response: 5098184
Conc: 2.31 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

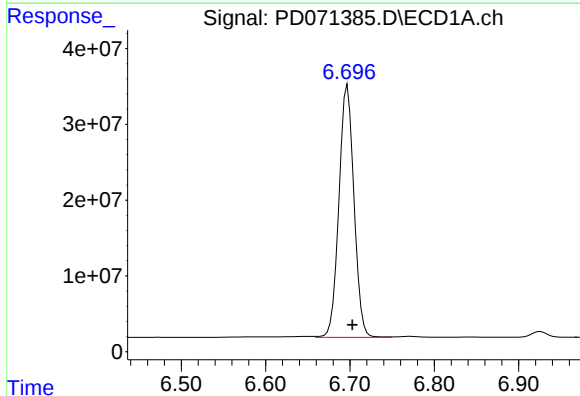
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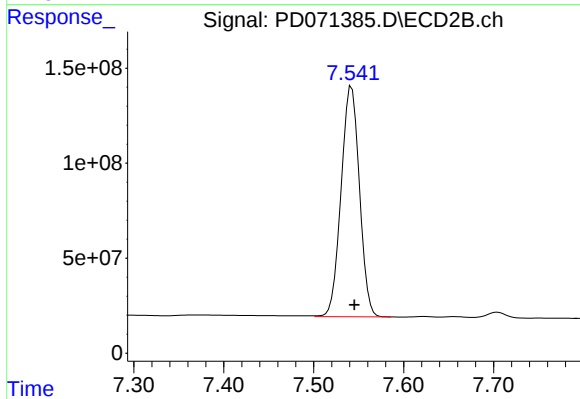
#18 Endrin aldehyde

R.T.: 6.980 min
Delta R.T.: -0.004 min
Response: 21595770
Conc: 2.23 ng/ml



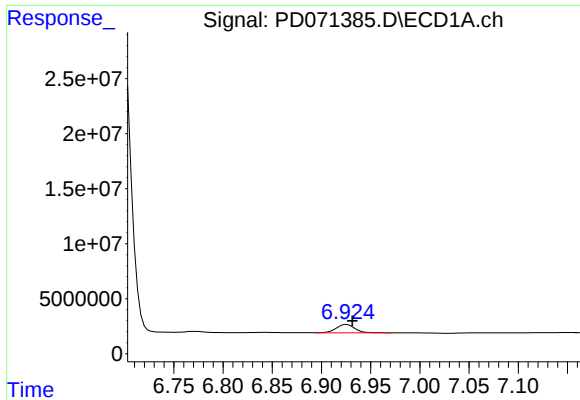
#20 Methoxychlor

R.T.: 6.697 min
Delta R.T.: -0.006 min
Response: 412206385
Conc: 249.90 ng/ml



#20 Methoxychlor

R.T.: 7.542 min
Delta R.T.: -0.003 min
Response: 1718827346
Conc: 249.37 ng/ml



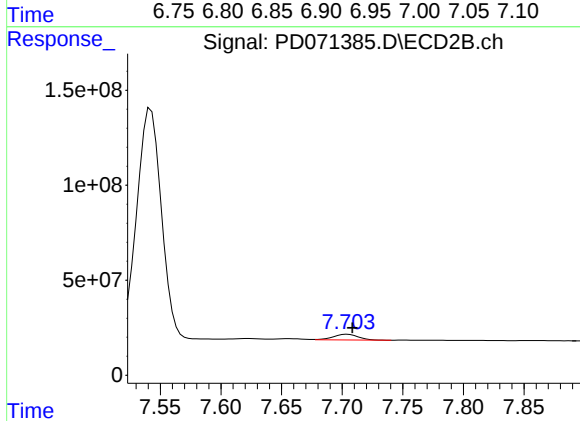
#21 Endrin ketone

R.T.: 6.926 min
Delta R.T.: -0.006 min
Response: 9911188
Conc: 3.04 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

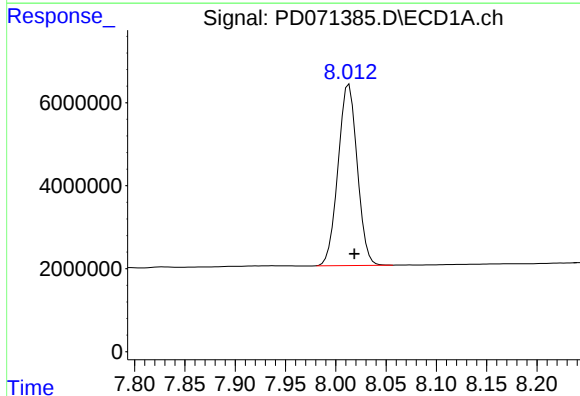
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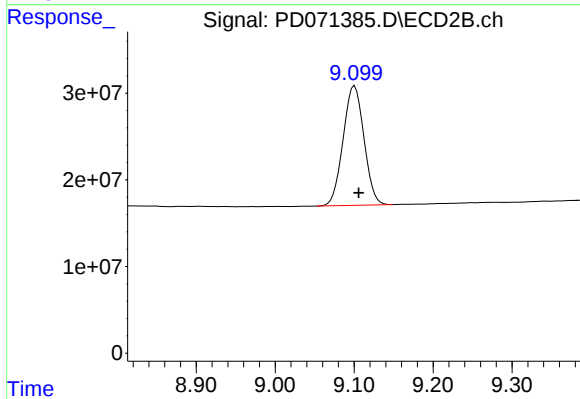
#21 Endrin ketone

R.T.: 7.704 min
Delta R.T.: -0.004 min
Response: 41543553
Conc: 3.09 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.013 min
Delta R.T.: -0.005 min
Response: 57841173
Conc: 20.85 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.101 min
Delta R.T.: -0.005 min
Response: 253339361
Conc: 24.47 ng/ml