

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD081622\
 Data File : PD071584.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 16 Aug 2022 15:45
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 08/17/2022
 Supervised By :Ankita Jodhani 08/17/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 17 04:48:05 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD081522.M
 Quant Title : GC Extractables
 QLast Update : Tue Aug 16 05:36:08 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...	2.806	3.564	56816711	616.2E6	20.790	21.023
28)	SA Decachlor...	8.001	9.090	52498030	203.5E6	18.074	19.945
Target Compounds							
2)	A alpha-BHC	3.315	4.030	42146495	449.8E6	9.924	11.411
3)	MA gamma-BHC...	3.649	4.366	38791455	375.8E6	10.055	11.715
6)	B beta-BHC	3.947	4.572	19058479	157.4E6	12.008	12.779
12)	B 4,4'-DDE	5.296	6.224	365858	2124919	0.105m	0.136m#
14)	MA Endrin	5.705	6.615	163.9E6	644.0E6	47.549	44.930
16)	A 4,4'-DDD	5.853	6.747	6575877	33428497	2.397	2.716
17)	MA 4,4'-DDT	6.107	7.058	321.7E6	1210.3E6	110.740	94.672
18)	B Endrin al...	6.181	6.972	4903531	18965671	1.902	1.737
20)	A Methoxychlor	6.686	7.534	412.4E6	1437.9E6	261.411	227.054
21)	B Endrin ke...	6.915	7.696	10398549	36175803	2.899	2.699

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

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Acq On : 16 Aug 2022 15:45
Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

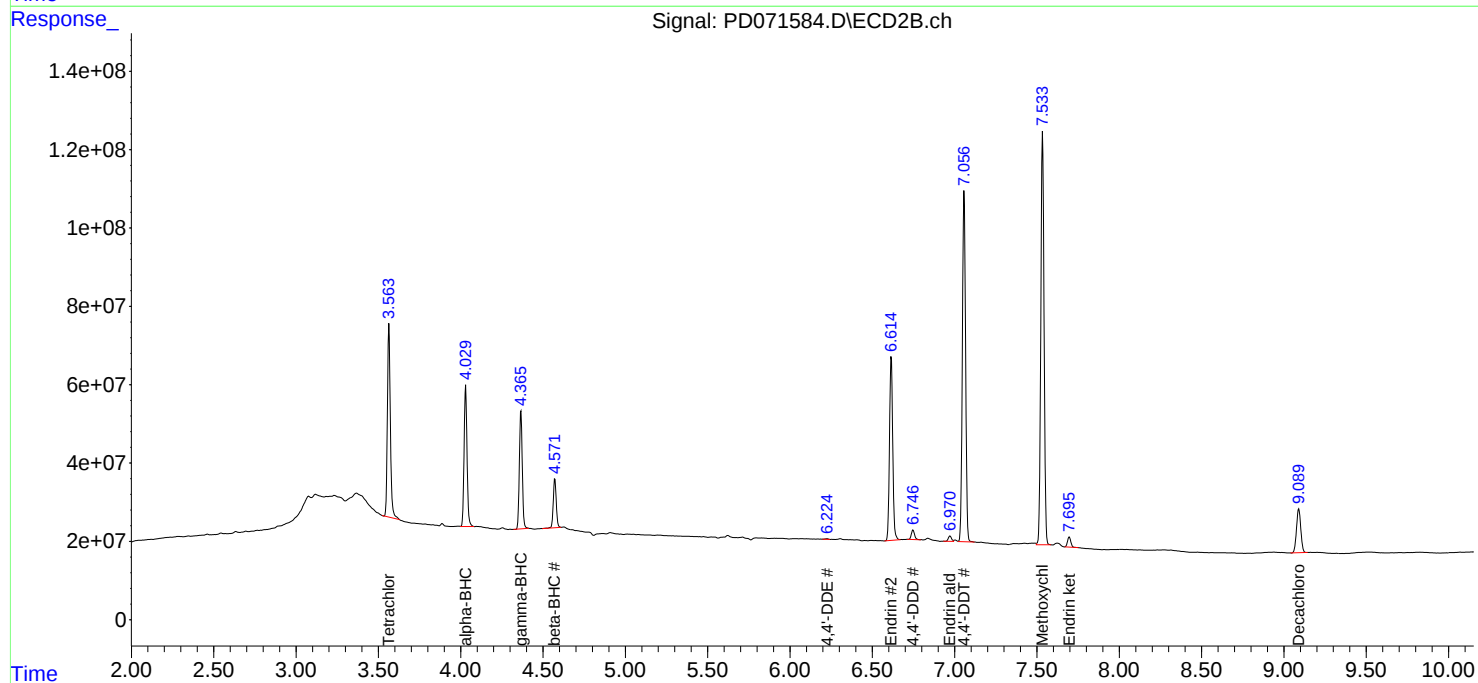
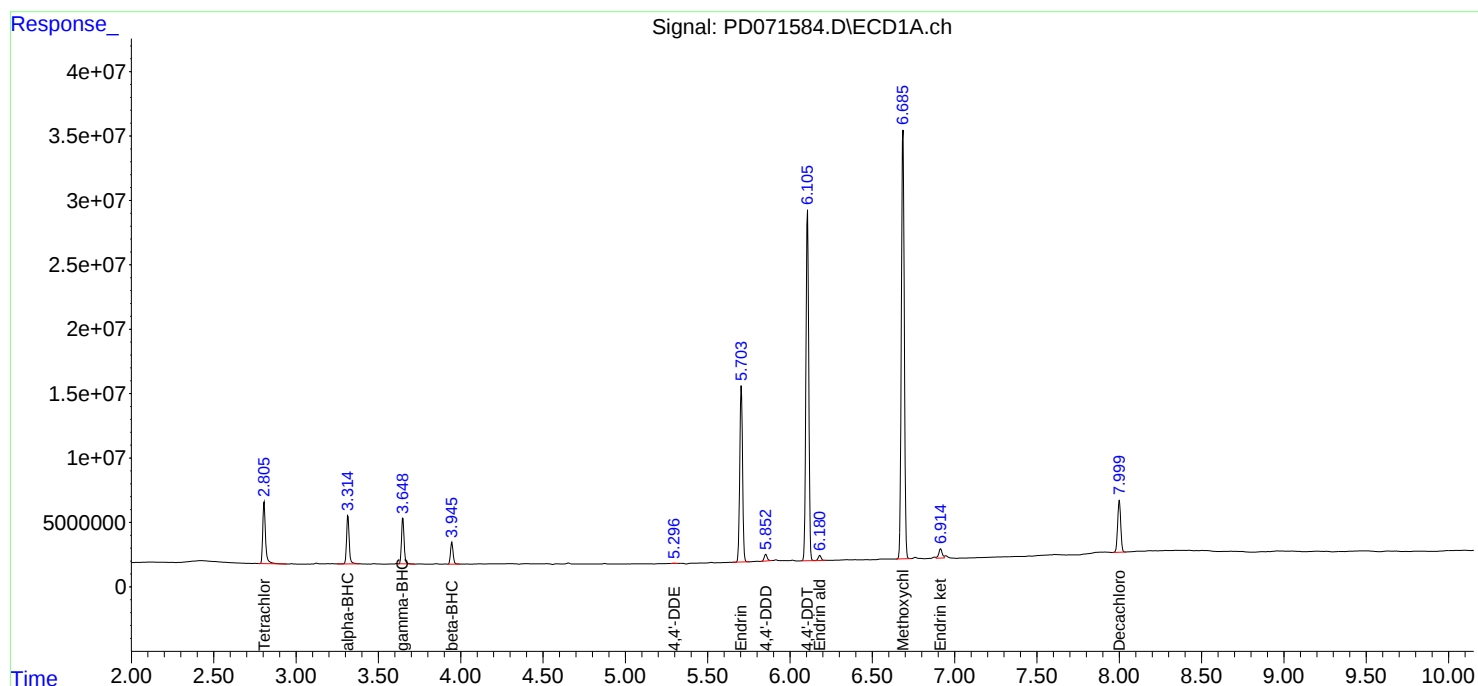
Instrument :
ECD_D
ClientSampleId :
PEM

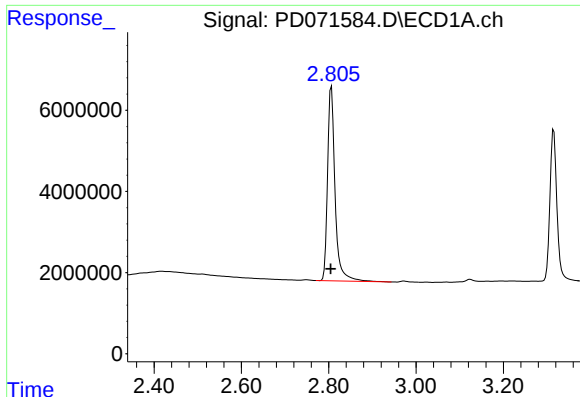
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Integration File signal 1: autoint1.e
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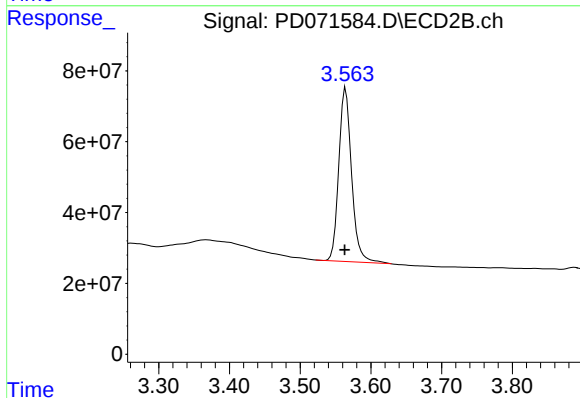
#1 Tetrachloro-m-xylene

R.T.: 2.806 min
Delta R.T.: 0.001 min
Response: 56816711
Conc: 20.79 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

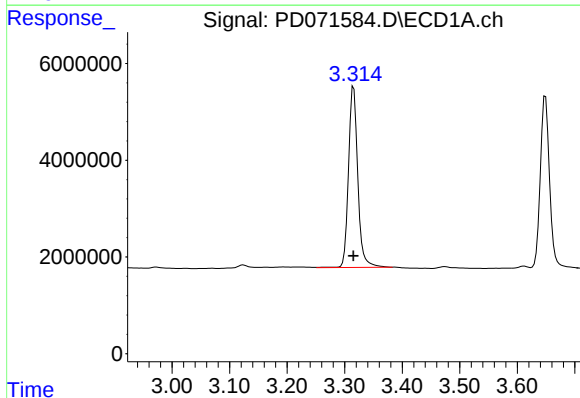
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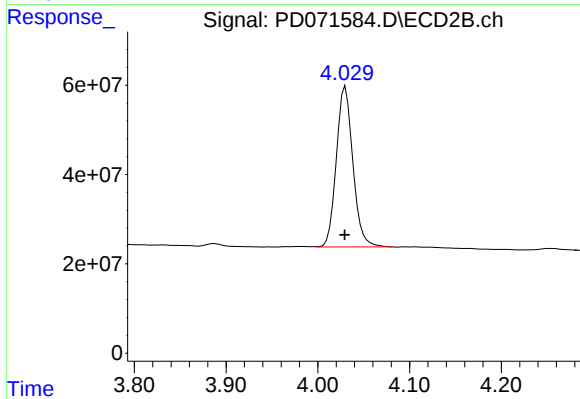
#1 Tetrachloro-m-xylene

R.T.: 3.564 min
Delta R.T.: 0.001 min
Response: 616181520
Conc: 21.02 ng/ml



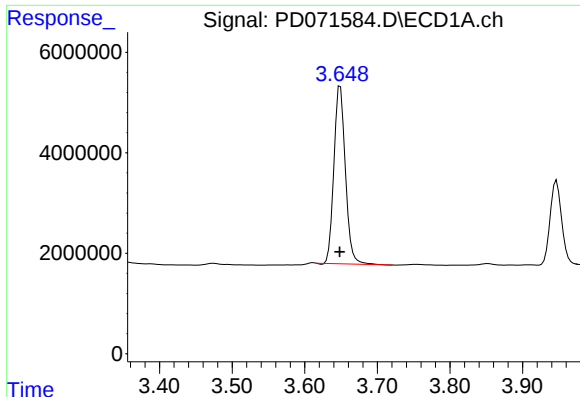
#2 alpha-BHC

R.T.: 3.315 min
Delta R.T.: 0.000 min
Response: 42146495
Conc: 9.92 ng/ml



#2 alpha-BHC

R.T.: 4.030 min
Delta R.T.: 0.001 min
Response: 449831342
Conc: 11.41 ng/ml



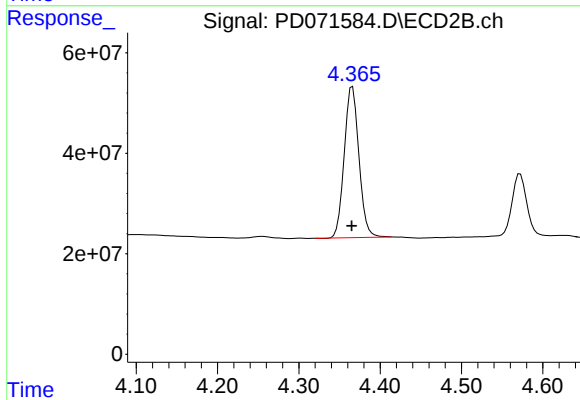
#3 gamma-BHC (Lindane)

R.T.: 3.649 min
Delta R.T.: 0.000 min
Response: 38791455
Conc: 10.06 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

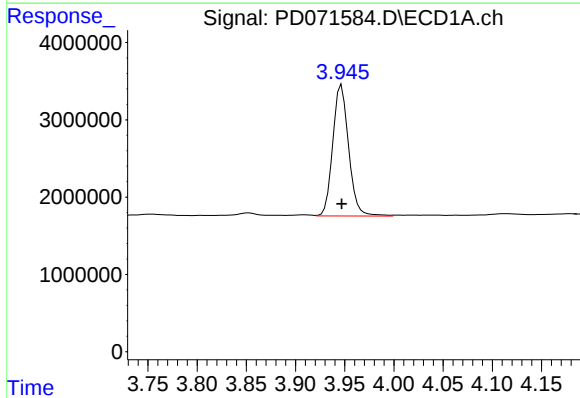
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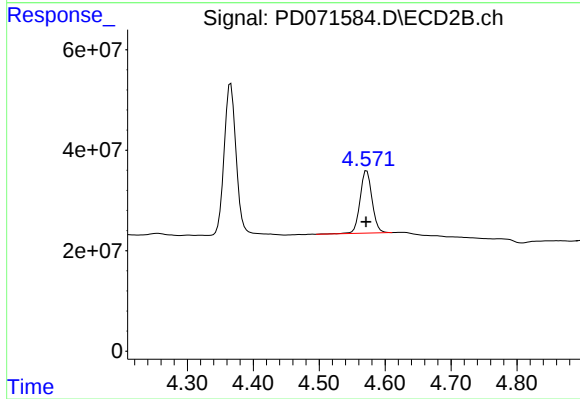
#3 gamma-BHC (Lindane)

R.T.: 4.366 min
Delta R.T.: 0.001 min
Response: 375829160
Conc: 11.71 ng/ml



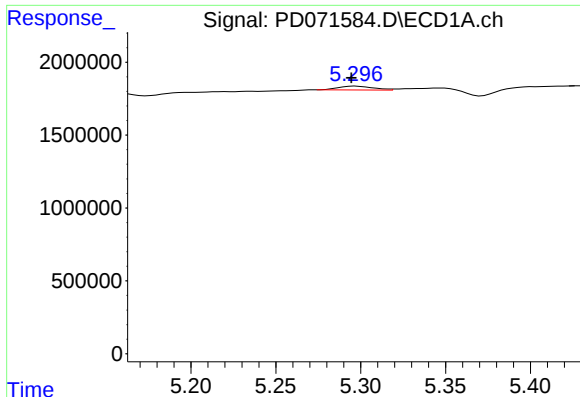
#6 beta-BHC

R.T.: 3.947 min
Delta R.T.: 0.000 min
Response: 19058479
Conc: 12.01 ng/ml



#6 beta-BHC

R.T.: 4.572 min
Delta R.T.: 0.000 min
Response: 157395823
Conc: 12.78 ng/ml



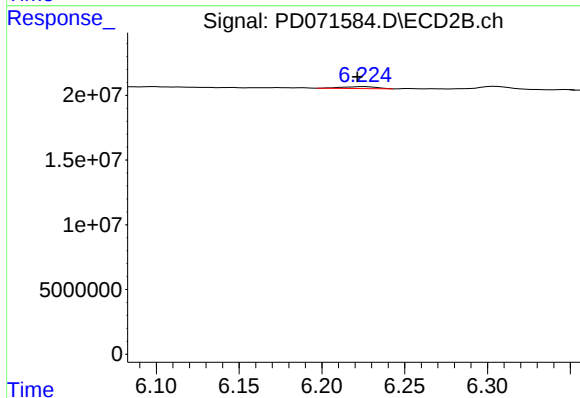
#12 4,4'-DDE

R.T.: 5.296 min
Delta R.T.: 0.001 min
Response: 365858
Conc: 0.11 ng/ml

Instrument :
ECD_D
ClientSampleId :
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#12 4,4'-DDE

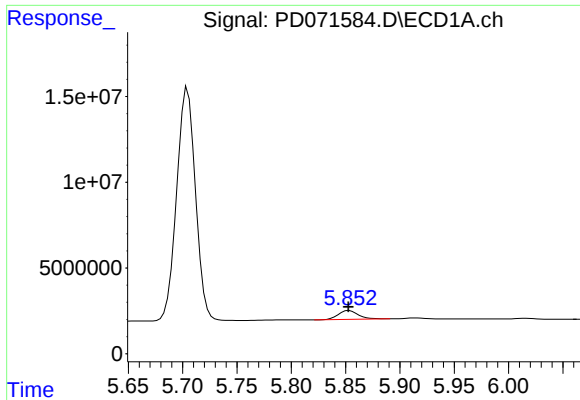
R.T.: 6.224 min
Delta R.T.: 0.003 min
Response: 2124919
Conc: 0.14 ng/ml m

#14 Endrin

R.T.: 5.705 min
Delta R.T.: 0.000 min
Response: 163886847
Conc: 47.55 ng/ml

#14 Endrin

R.T.: 6.615 min
Delta R.T.: 0.000 min
Response: 644007911
Conc: 44.93 ng/ml



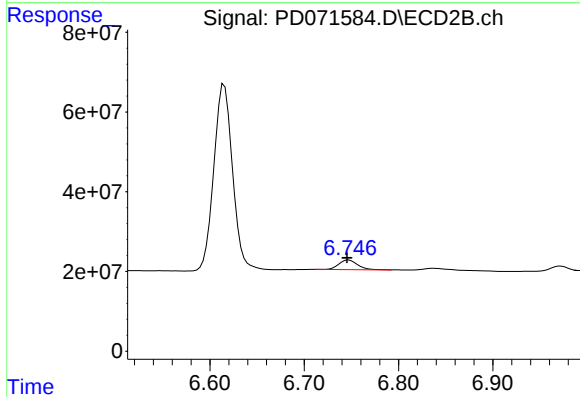
#16 4,4'-DDD

R.T.: 5.853 min
Delta R.T.: 0.000 min
Response: 6575877
Conc: 2.40 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

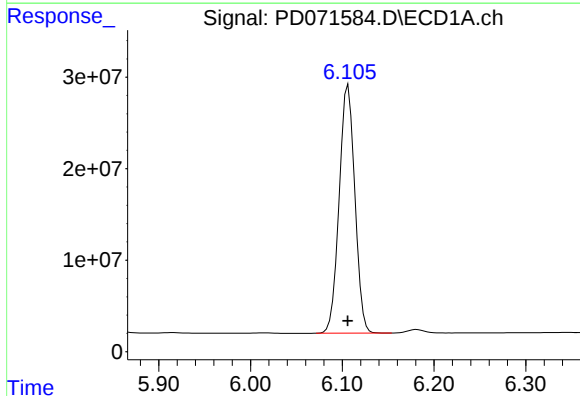
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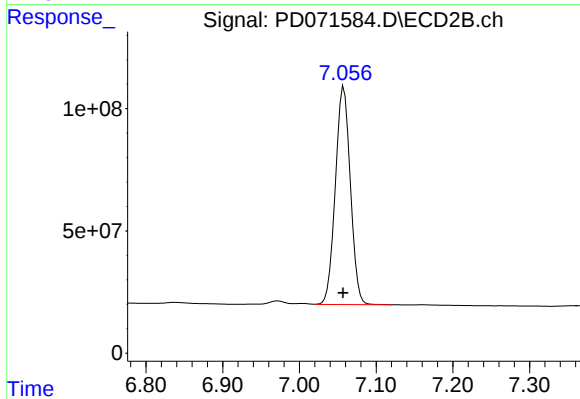
#16 4,4'-DDD

R.T.: 6.747 min
Delta R.T.: 0.002 min
Response: 33428497
Conc: 2.72 ng/ml



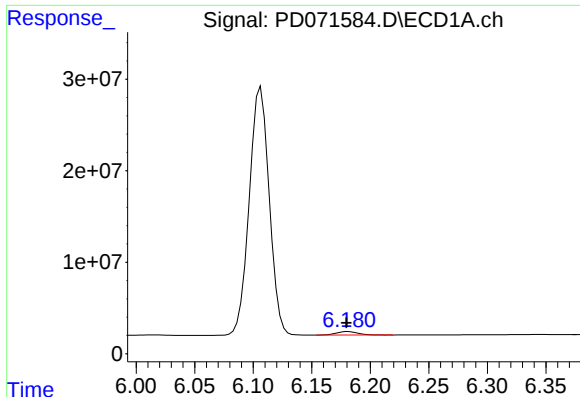
#17 4,4'-DDT

R.T.: 6.107 min
Delta R.T.: 0.000 min
Response: 321670518
Conc: 110.74 ng/ml



#17 4,4'-DDT

R.T.: 7.058 min
Delta R.T.: 0.000 min
Response: 1210272191
Conc: 94.67 ng/ml



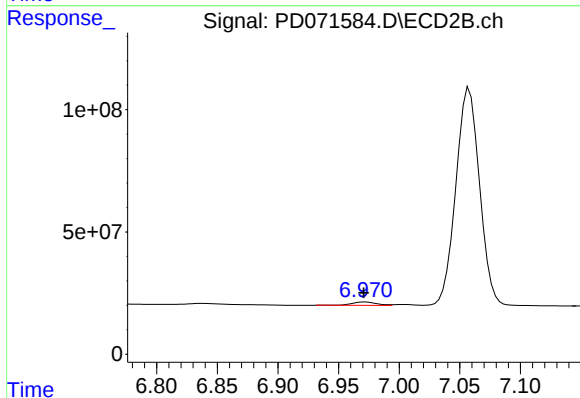
#18 Endrin aldehyde

R.T.: 6.181 min
Delta R.T.: 0.001 min
Response: 4903531
Conc: 1.90 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

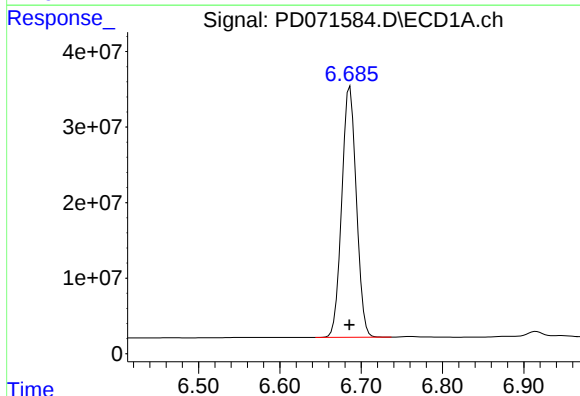
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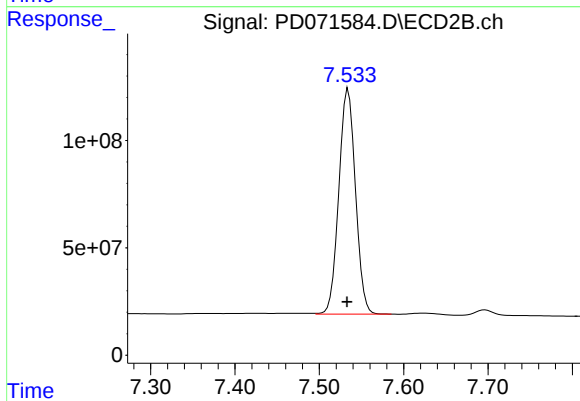
#18 Endrin aldehyde

R.T.: 6.972 min
Delta R.T.: 0.000 min
Response: 18965671
Conc: 1.74 ng/ml



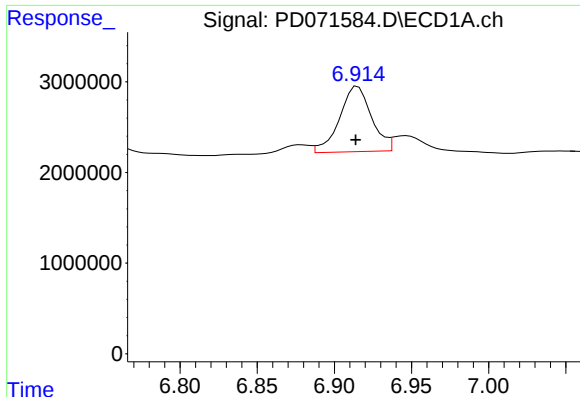
#20 Methoxychlor

R.T.: 6.686 min
Delta R.T.: 0.000 min
Response: 412425143
Conc: 261.41 ng/ml



#20 Methoxychlor

R.T.: 7.534 min
Delta R.T.: 0.002 min
Response: 1437873150
Conc: 227.05 ng/ml



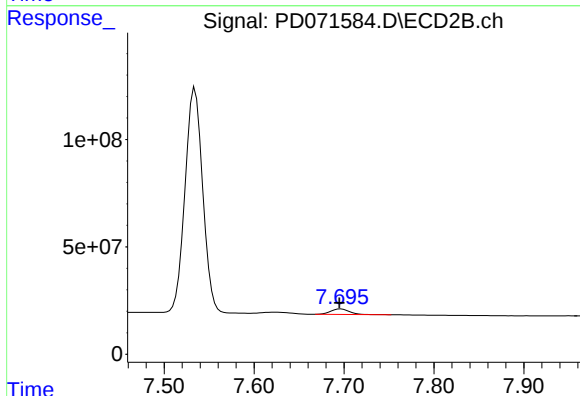
#21 Endrin ketone

R.T.: 6.915 min
Delta R.T.: 0.001 min
Response: 10398549
Conc: 2.90 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

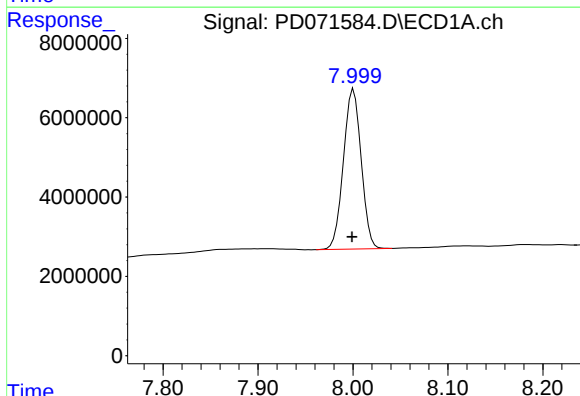
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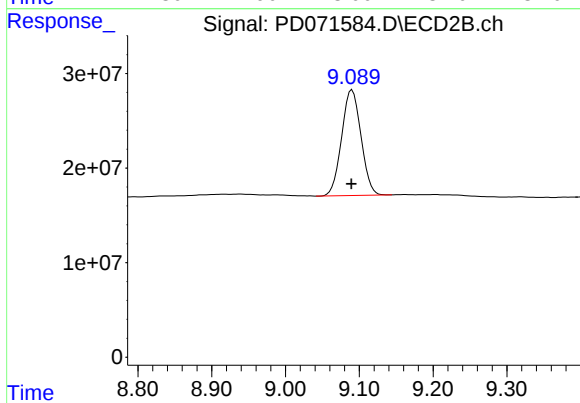
#21 Endrin ketone

R.T.: 7.696 min
Delta R.T.: 0.001 min
Response: 36175803
Conc: 2.70 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.001 min
Delta R.T.: 0.002 min
Response: 52498030
Conc: 18.07 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.090 min
Delta R.T.: 0.000 min
Response: 203523140
Conc: 19.95 ng/ml