

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD071922\
 Data File : PD071029.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 20 Jul 2022 07:52
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 07/20/2022
 Supervised By : Ankita Jodhani 07/20/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 20 08:33:59 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD071922.M
 Quant Title : GC Extractables
 QLast Update : Wed Jul 20 05:30:10 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...	3.474	4.125	56736269	583.4E6	19.578	20.178
28)	SA Decachlor...	8.243	9.322	62290736	240.7E6	20.388	21.103
Target Compounds							
2)	A alpha-BHC	3.915	4.530	43734098	432.2E6	9.969	11.403
3)	MA gamma-BHC...	4.199	4.823	41200308	374.5E6	9.489	12.539 #
6)	B beta-BHC	4.448	5.000	17566512	157.8E6	10.510	11.762
12)	B 4,4'-DDE	5.644	6.509	926727	1683552	0.263m	0.112m#
14)	MA Endrin	6.034	6.897	158.3E6	548.5E6	50.683	52.886
16)	A 4,4'-DDD	6.161	7.011	5002073	17068954	1.704	1.372m
17)	MA 4,4'-DDT	6.402	7.313	332.6E6	1267.8E6	108.640	94.658
18)	B Endrin al...	6.476	7.235	6681222	22307070	2.786m	2.212m
20)	A Methoxychlor	6.953	7.773	410.0E6	1534.1E6	247.996	223.259
21)	B Endrin ke...	7.184	7.941	13453453	49968544	3.884	3.610m

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

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Operator : AR\AJ
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ALS Vial : 3 Sample Multiplier: 1

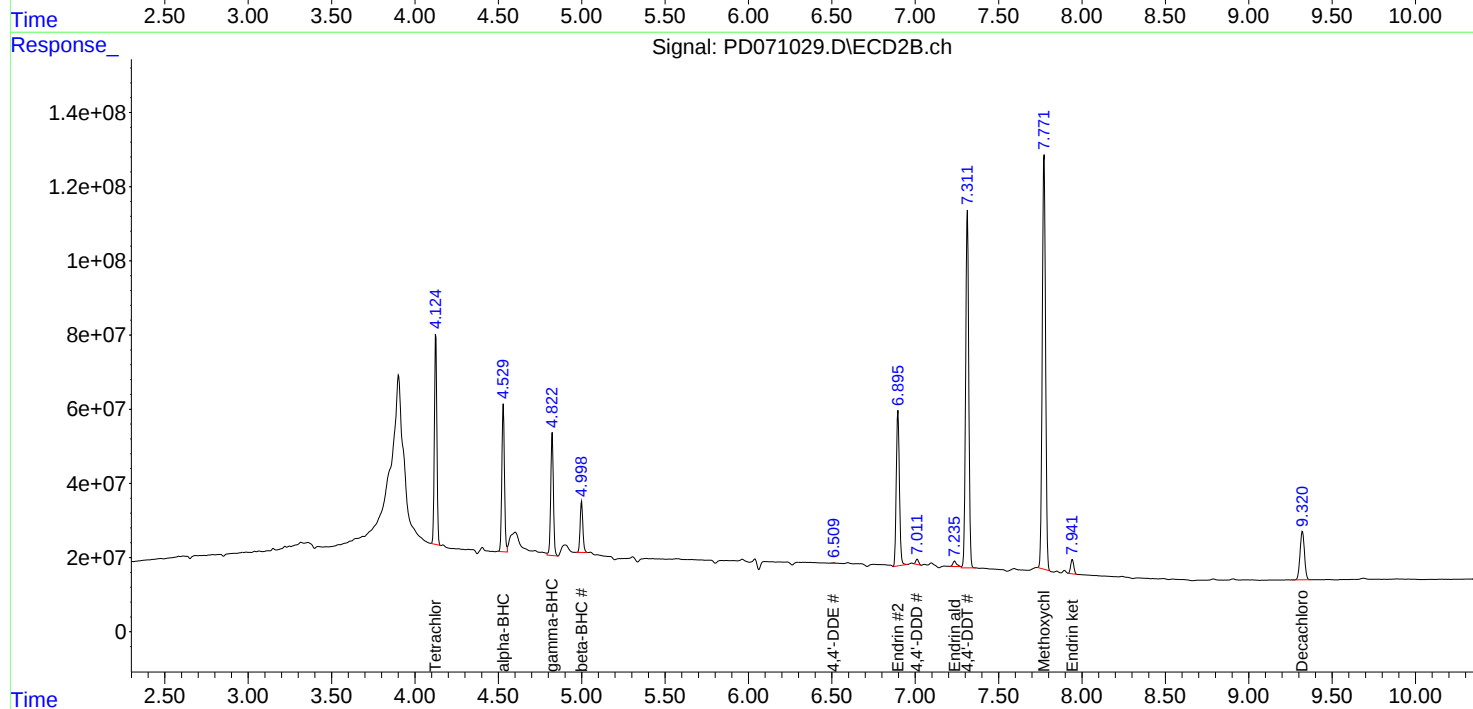
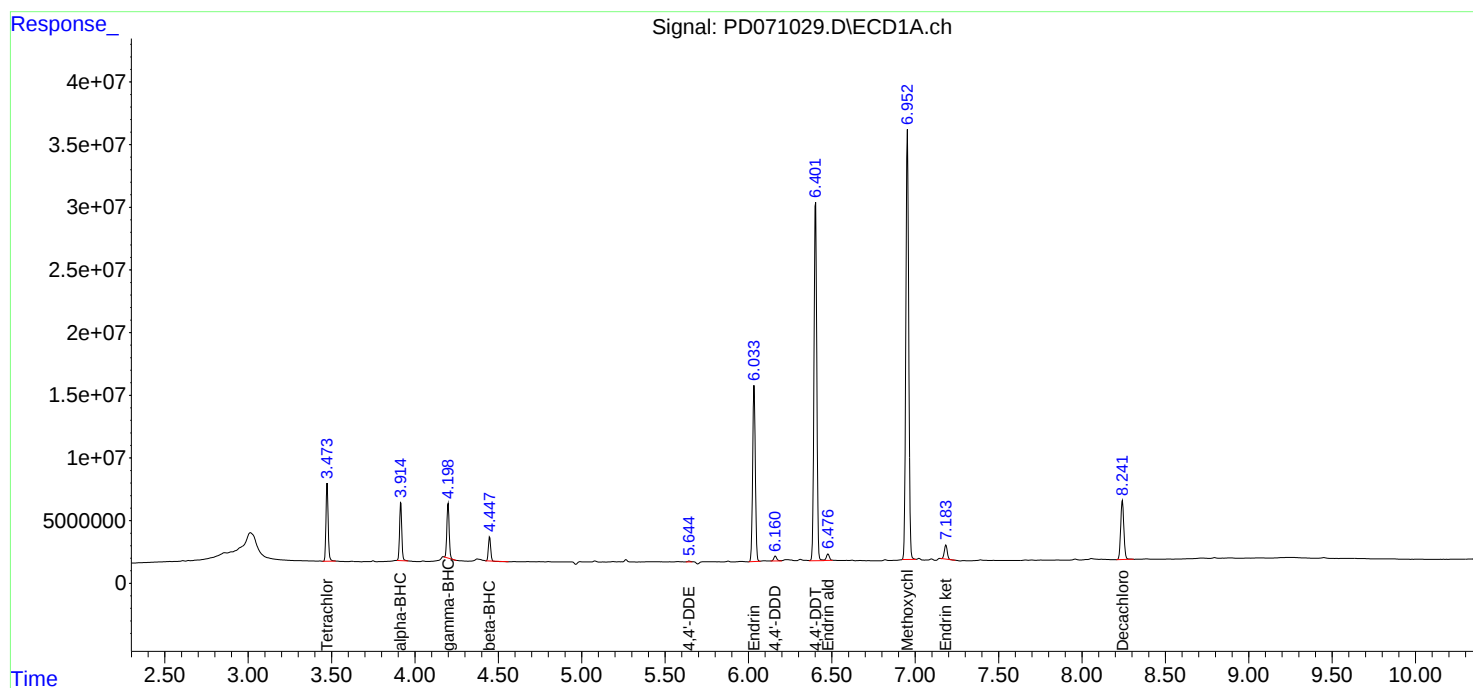
Instrument :
ECD_D
ClientSampleId :
PEM

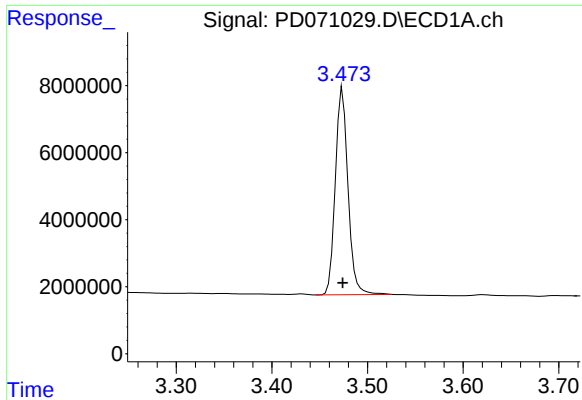
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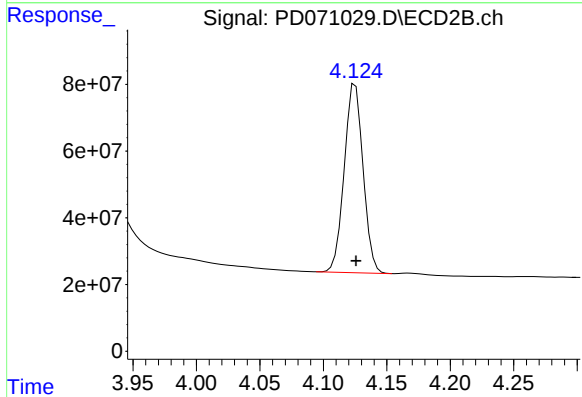
#1 Tetrachloro-m-xylene

R.T.: 3.474 min
Delta R.T.: 0.000 min
Response: 56736269
Conc: 19.58 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

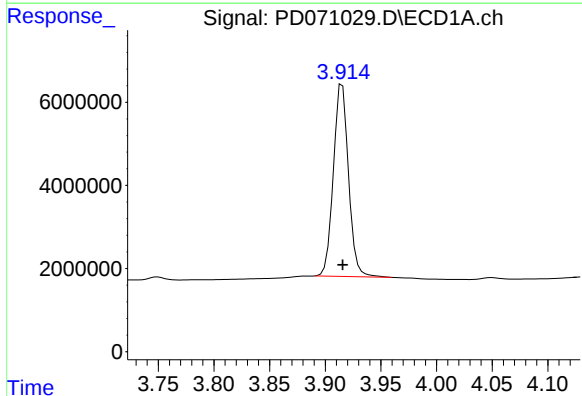
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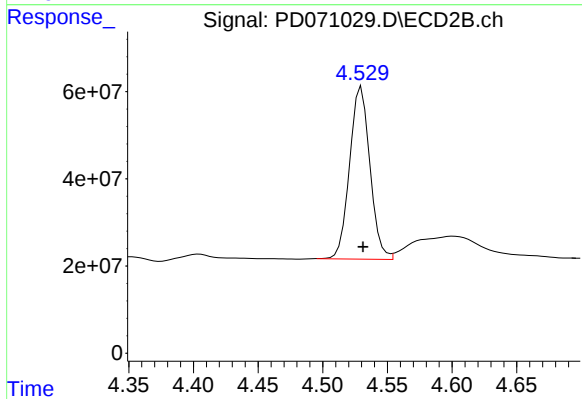
#1 Tetrachloro-m-xylene

R.T.: 4.125 min
Delta R.T.: 0.000 min
Response: 583381274
Conc: 20.18 ng/ml



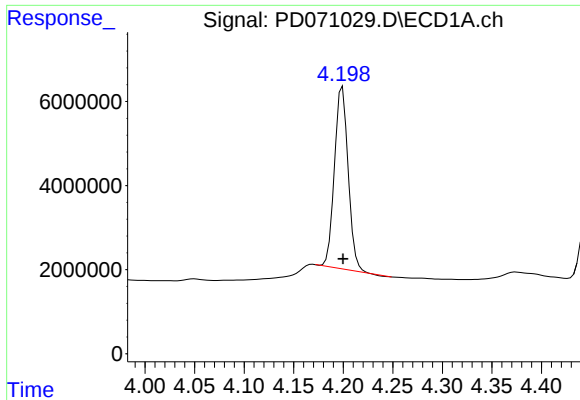
#2 alpha-BHC

R.T.: 3.915 min
Delta R.T.: 0.000 min
Response: 43734098
Conc: 9.97 ng/ml



#2 alpha-BHC

R.T.: 4.530 min
Delta R.T.: -0.001 min
Response: 432204013
Conc: 11.40 ng/ml



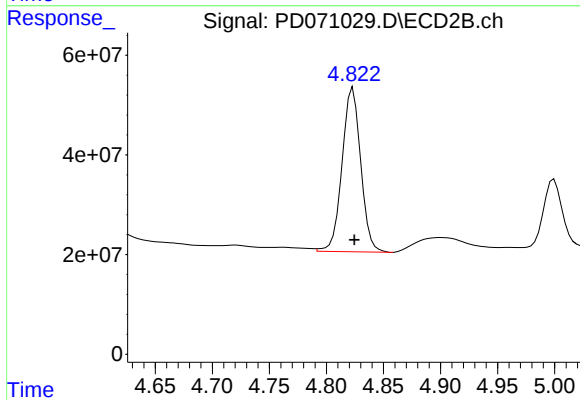
#3 gamma-BHC (Lindane)

R.T.: 4.199 min
Delta R.T.: 0.000 min
Response: 41200308
Conc: 9.49 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

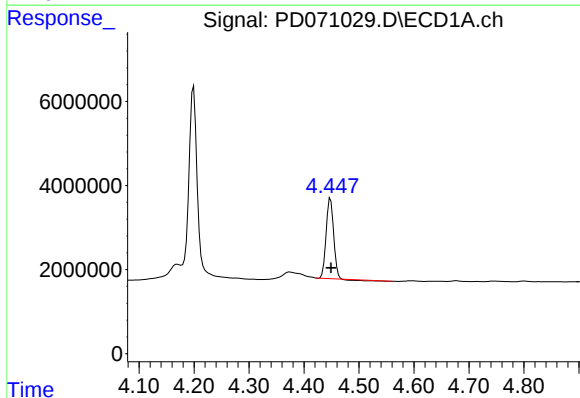
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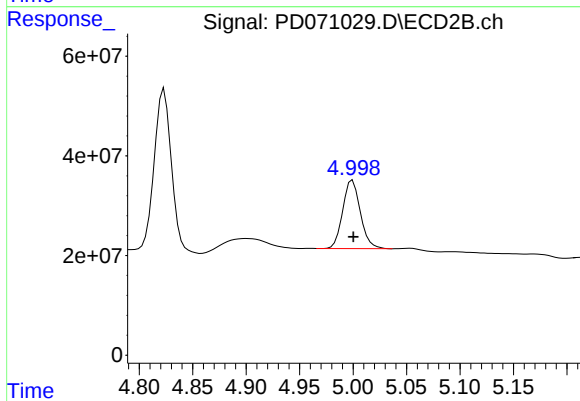
#3 gamma-BHC (Lindane)

R.T.: 4.823 min
Delta R.T.: -0.001 min
Response: 374496305
Conc: 12.54 ng/ml



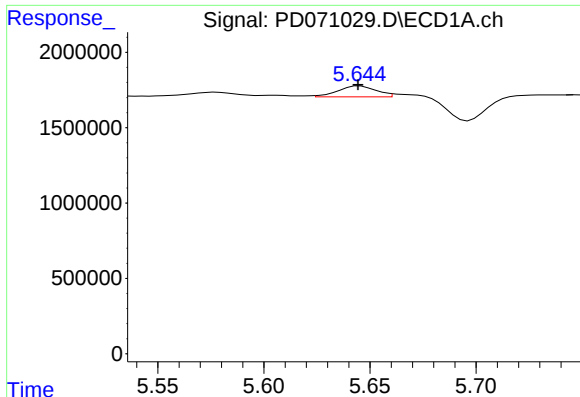
#6 beta-BHC

R.T.: 4.448 min
Delta R.T.: -0.001 min
Response: 17566512
Conc: 10.51 ng/ml



#6 beta-BHC

R.T.: 5.000 min
Delta R.T.: 0.000 min
Response: 157771080
Conc: 11.76 ng/ml



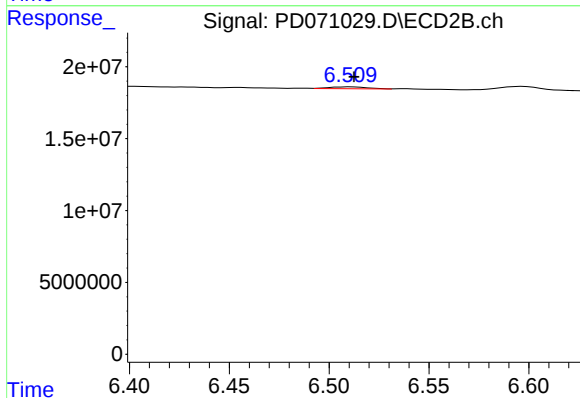
#12 4,4'-DDE

R.T.: 5.644 min
Delta R.T.: 0.000 min
Response: 926727
Conc: 0.26 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

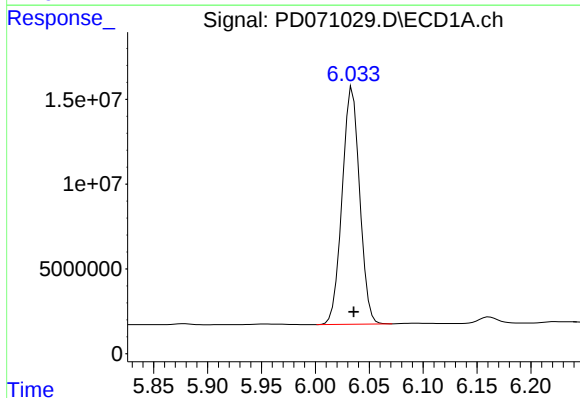
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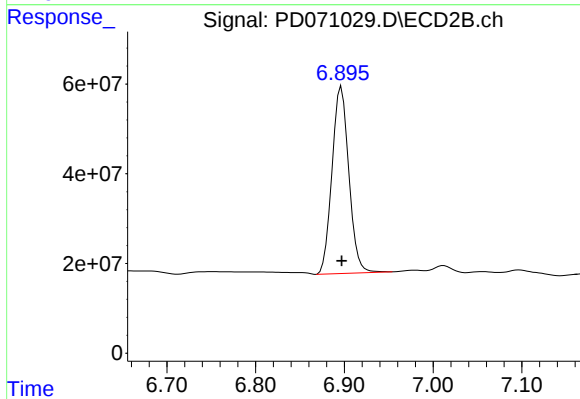
#12 4,4'-DDE

R.T.: 6.509 min
Delta R.T.: -0.003 min
Response: 1683552
Conc: 0.11 ng/ml m



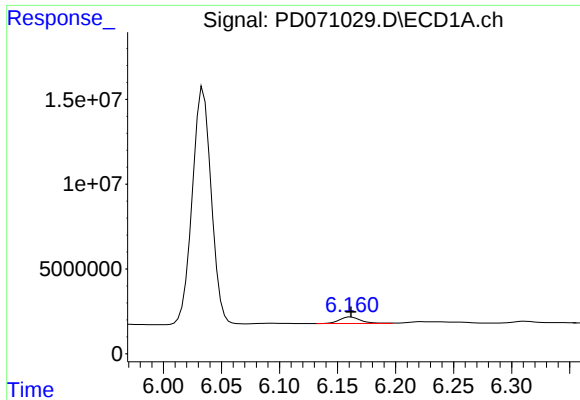
#14 Endrin

R.T.: 6.034 min
Delta R.T.: -0.001 min
Response: 158271675
Conc: 50.68 ng/ml



#14 Endrin

R.T.: 6.897 min
Delta R.T.: 0.000 min
Response: 548542685
Conc: 52.89 ng/ml



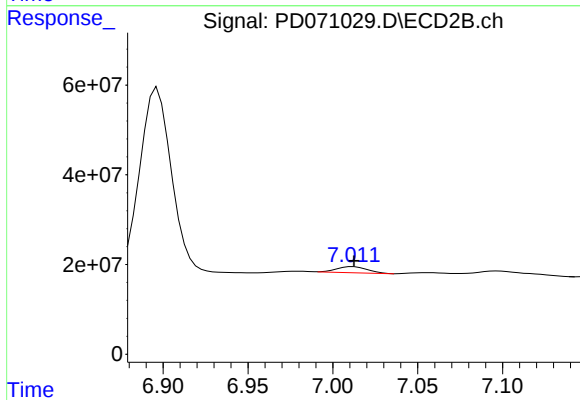
#16 4,4'-DDD

R.T.: 6.161 min
Delta R.T.: 0.000 min
Response: 5002073
Conc: 1.70 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

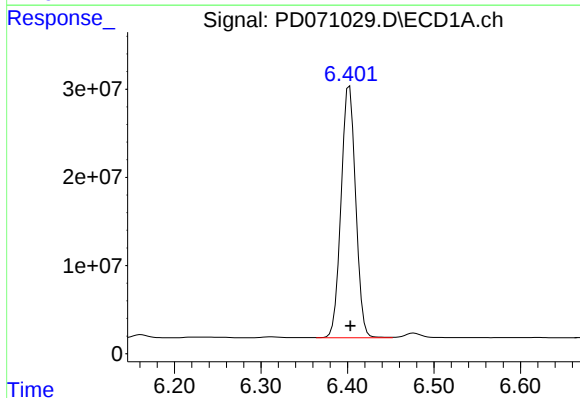
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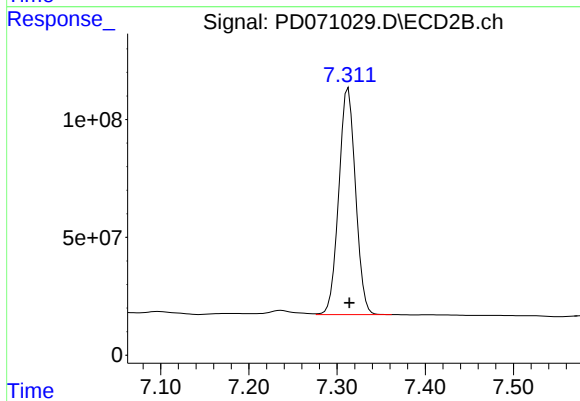
#16 4,4'-DDD

R.T.: 7.011 min
Delta R.T.: -0.002 min
Response: 17068954
Conc: 1.37 ng/ml m



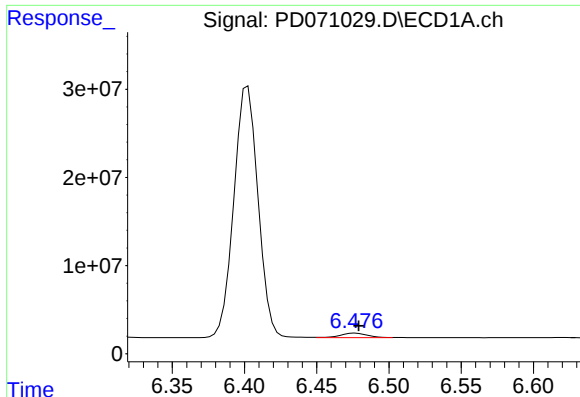
#17 4,4'-DDT

R.T.: 6.402 min
Delta R.T.: 0.000 min
Response: 332561130
Conc: 108.64 ng/ml



#17 4,4'-DDT

R.T.: 7.313 min
Delta R.T.: -0.001 min
Response: 1267799035
Conc: 94.66 ng/ml



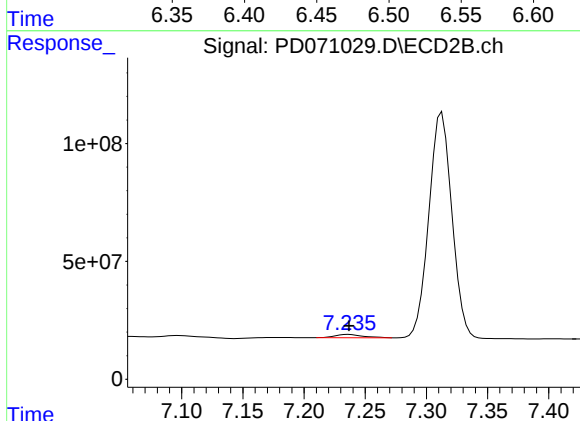
#18 Endrin aldehyde

R.T.: 6.476 min
Delta R.T.: -0.004 min
Response: 6681222
Conc: 2.79 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

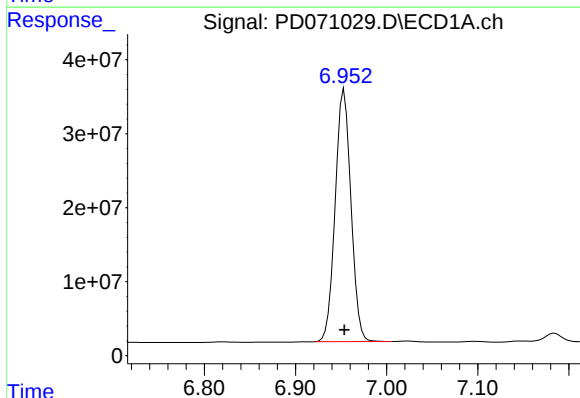
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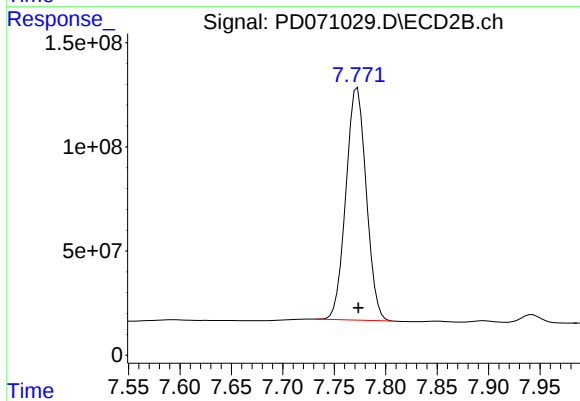
#18 Endrin aldehyde

R.T.: 7.235 min
Delta R.T.: -0.002 min
Response: 22307070
Conc: 2.21 ng/ml m



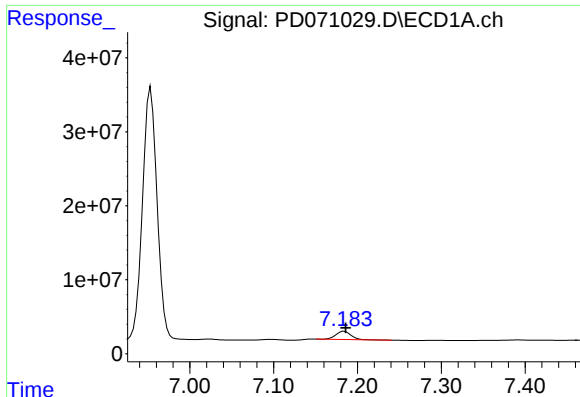
#20 Methoxychlor

R.T.: 6.953 min
Delta R.T.: 0.000 min
Response: 409969333
Conc: 248.00 ng/ml



#20 Methoxychlor

R.T.: 7.773 min
Delta R.T.: 0.000 min
Response: 1534119435
Conc: 223.26 ng/ml



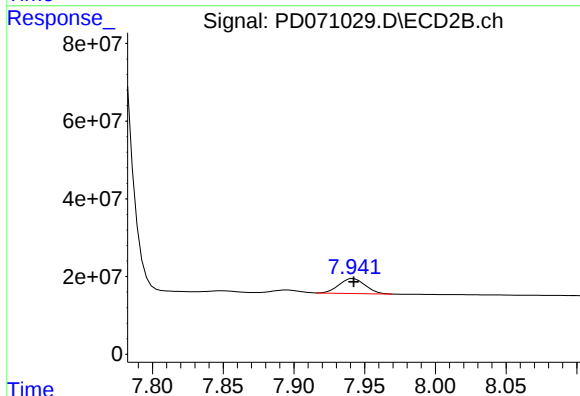
#21 Endrin ketone

R.T.: 7.184 min
Delta R.T.: -0.002 min
Response: 13453453
Conc: 3.88 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

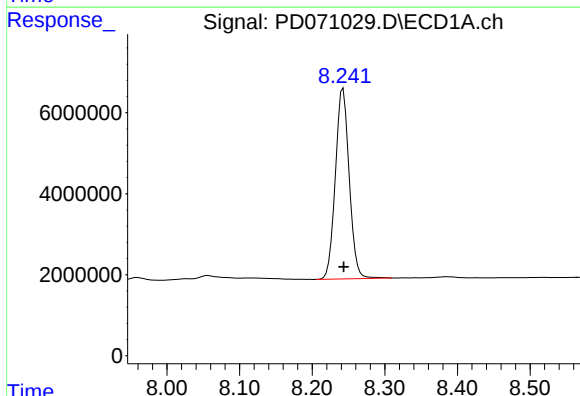
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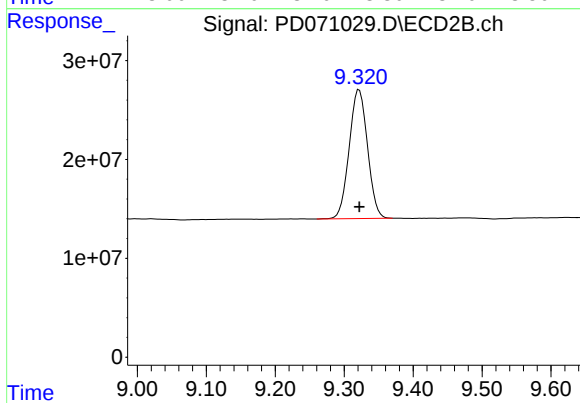
#21 Endrin ketone

R.T.: 7.941 min
Delta R.T.: -0.002 min
Response: 49968544
Conc: 3.61 ng/ml m



#28 Decachlorobiphenyl

R.T.: 8.243 min
Delta R.T.: 0.000 min
Response: 62290736
Conc: 20.39 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.322 min
Delta R.T.: 0.000 min
Response: 240680921
Conc: 21.10 ng/ml