

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD081823\
 Data File : PD077228.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 16 Aug 2023 13:04
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 08/17/2023
 Supervised By : Ankita Jodhani 08/17/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 16 17:58:46 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD080323.M
 Quant Title : GC Extractables
 QLast Update : Thu Aug 03 14:17:41 2023
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds							
1)	SA Tetrachlo...	3.542	2.760	45278788	25742288	19.133	18.899
28)	SA Decachlor...	9.086	7.904	56683883	27292097	20.686	19.071
Target Compounds							
2)	A alpha-BHC	3.999	3.262	35100962	17902402	9.142	9.255
3)	MA gamma-BHC...	4.332	3.592	33746602	16714699	9.168	8.985
6)	B beta-BHC	4.529	3.889	15516333	8029232	10.311	10.525
12)	B 4,4'-DDE	6.203	5.219	485266	433588	0.164m	0.299m#
14)	MA Endrin	6.588	5.625	124.7E6	64954769	44.889	44.392
16)	A 4,4'-DDD	6.722	5.772	2319842	1310401	0.986	1.178m
17)	MA 4,4'-DDT	7.035	6.024	249.0E6	121.6E6	102.420m	109.349
18)	B Endrin al...	6.939	6.098	3648308	2125412	1.670	1.867m
20)	A Methoxychlor	7.514	6.600	334.8E6	150.2E6	236.295	251.238
21)	B Endrin ke...	7.660	6.827	7678711	4125287	2.550	2.602m

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

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Acq On : 16 Aug 2023 13:04
Operator : AR\AJ
Sample : PEM
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ALS Vial : 3 Sample Multiplier: 1

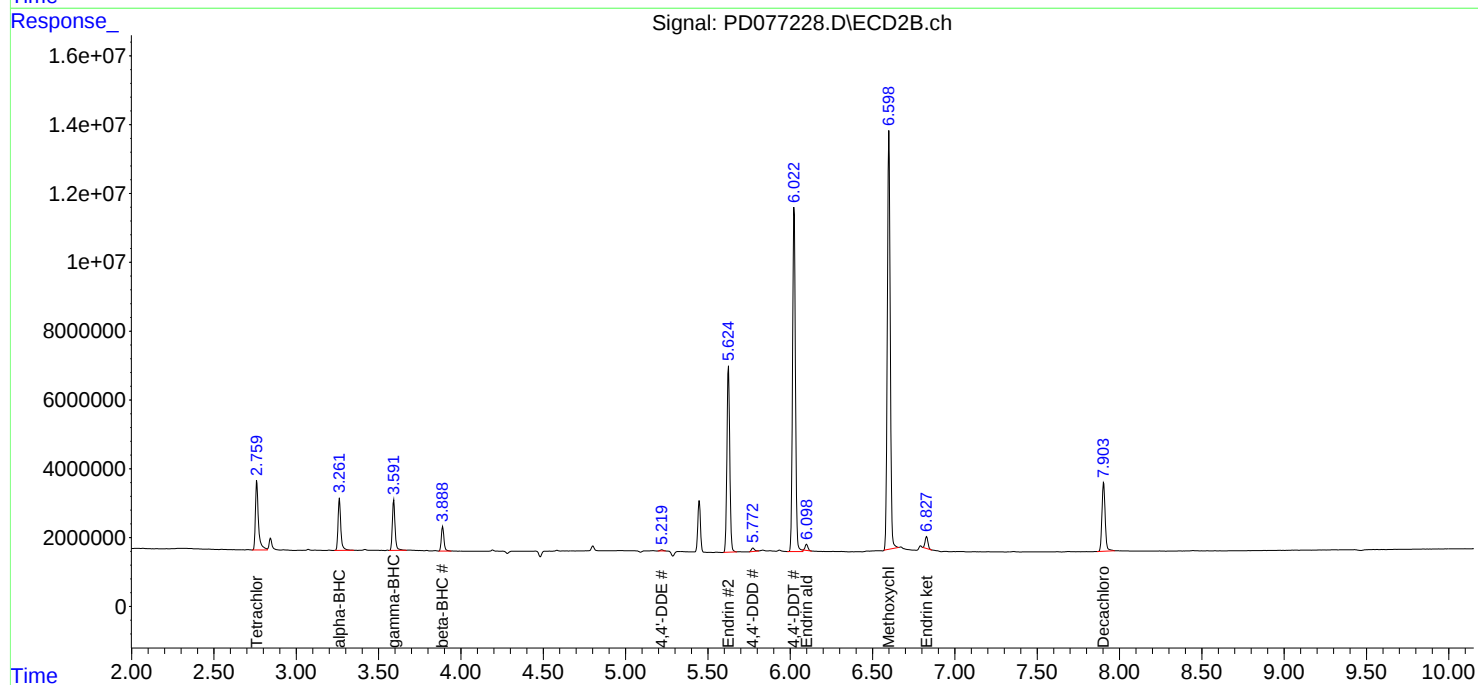
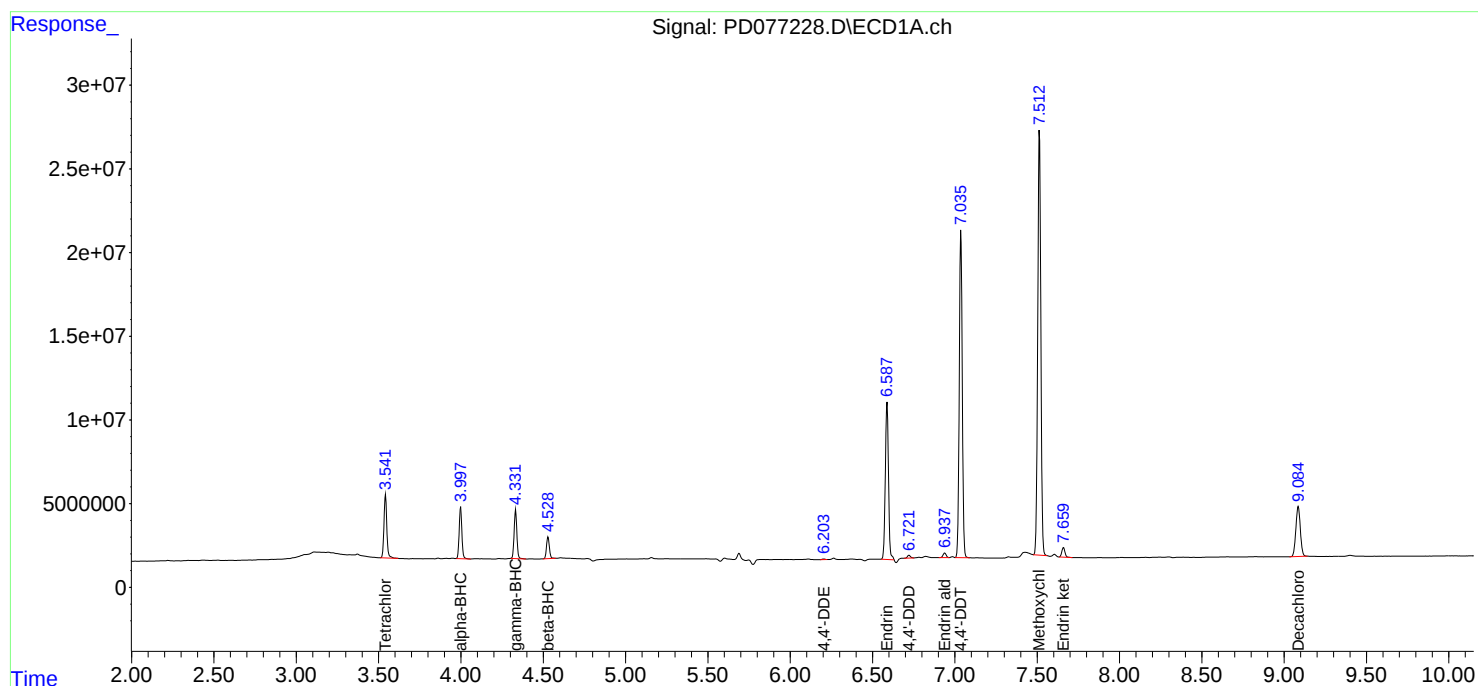
Instrument :
ECD_D
ClientSampleId :
PEM

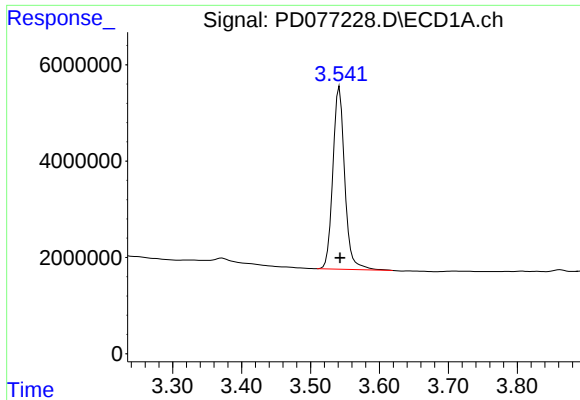
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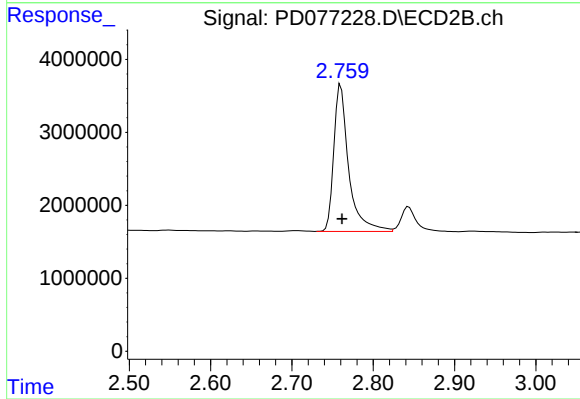
#1 Tetrachloro-m-xylene

R.T.: 3.542 min
Delta R.T.: -0.001 min
Response: 45278788
Conc: 19.13 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

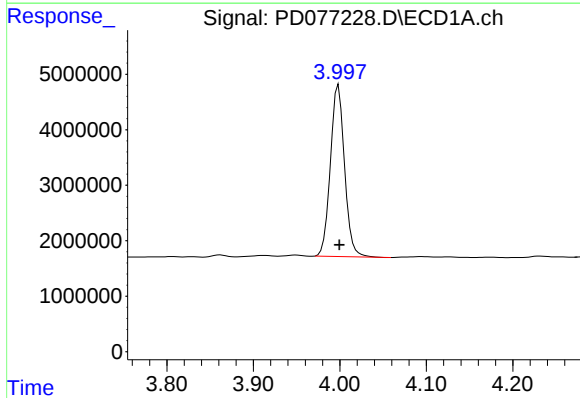
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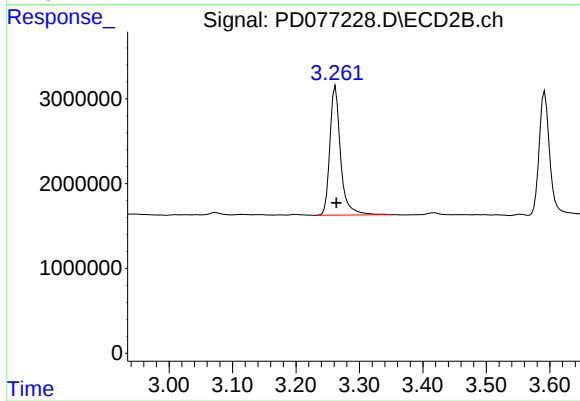
#1 Tetrachloro-m-xylene

R.T.: 2.760 min
Delta R.T.: -0.001 min
Response: 25742288
Conc: 18.90 ng/ml



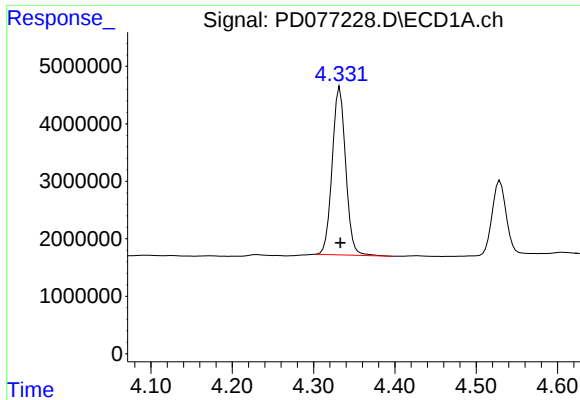
#2 alpha-BHC

R.T.: 3.999 min
Delta R.T.: -0.001 min
Response: 35100962
Conc: 9.14 ng/ml



#2 alpha-BHC

R.T.: 3.262 min
Delta R.T.: -0.002 min
Response: 17902402
Conc: 9.25 ng/ml



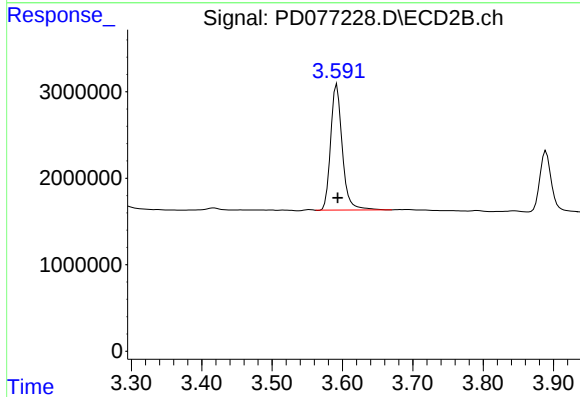
#3 gamma-BHC (Lindane)

R.T.: 4.332 min
Delta R.T.: 0.000 min
Response: 33746602
Conc: 9.17 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

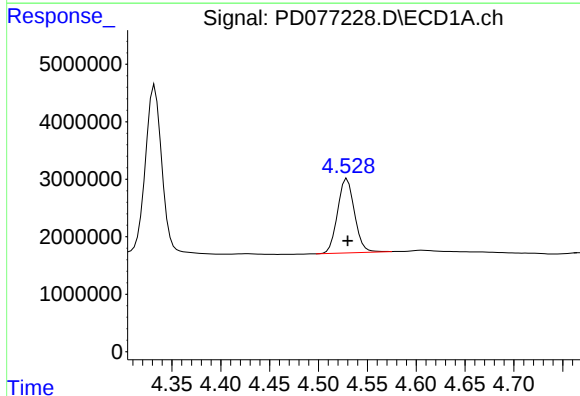
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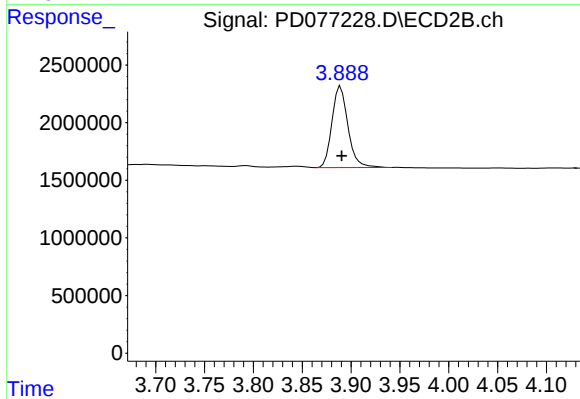
#3 gamma-BHC (Lindane)

R.T.: 3.592 min
Delta R.T.: -0.001 min
Response: 16714699
Conc: 8.98 ng/ml



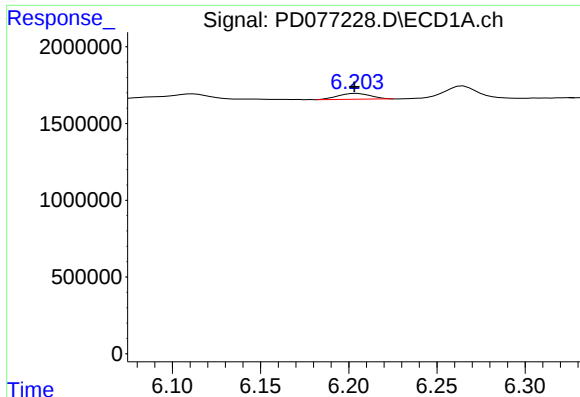
#6 beta-BHC

R.T.: 4.529 min
Delta R.T.: 0.000 min
Response: 15516333
Conc: 10.31 ng/ml



#6 beta-BHC

R.T.: 3.889 min
Delta R.T.: -0.001 min
Response: 8029232
Conc: 10.52 ng/ml



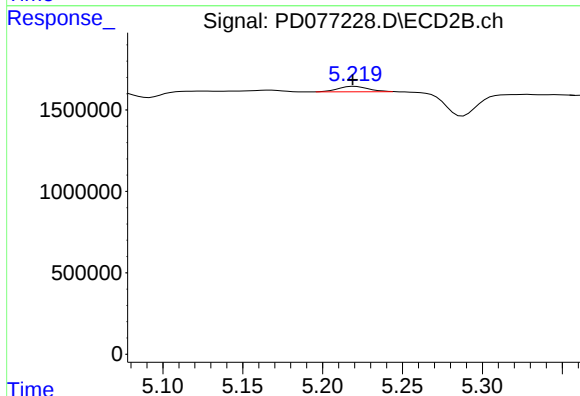
#12 4,4'-DDE

R.T.: 6.203 min
Delta R.T.: 0.000 min
Response: 485266
Conc: 0.16 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

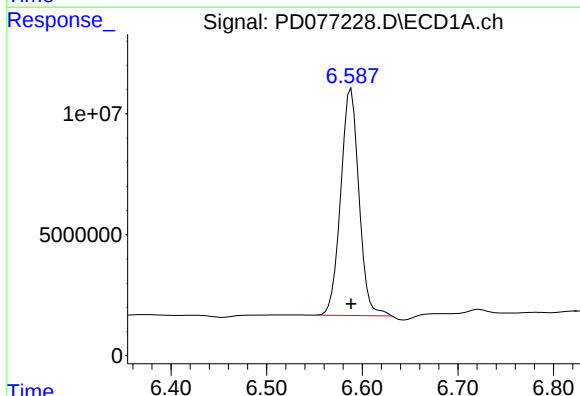
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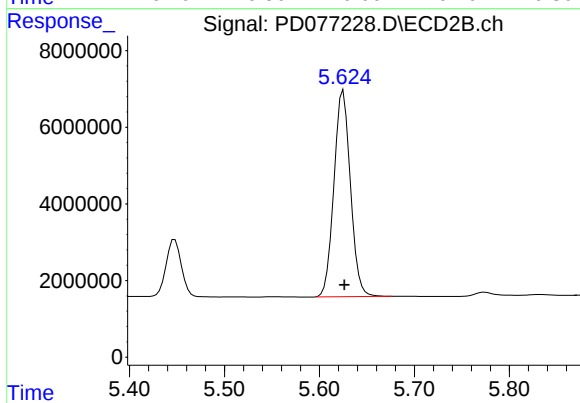
#12 4,4'-DDE

R.T.: 5.219 min
Delta R.T.: 0.000 min
Response: 433588
Conc: 0.30 ng/ml m



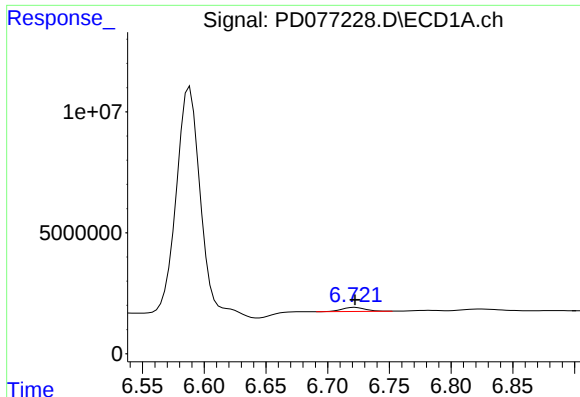
#14 Endrin

R.T.: 6.588 min
Delta R.T.: 0.000 min
Response: 124732998
Conc: 44.89 ng/ml



#14 Endrin

R.T.: 5.625 min
Delta R.T.: -0.001 min
Response: 64954769
Conc: 44.39 ng/ml



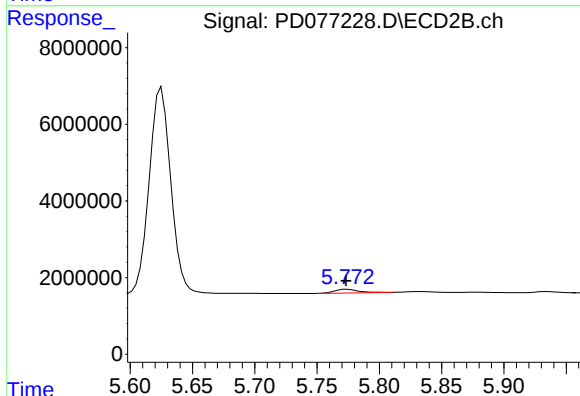
#16 4,4'-DDD

R.T.: 6.722 min
Delta R.T.: 0.000 min
Response: 2319842
Conc: 0.99 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

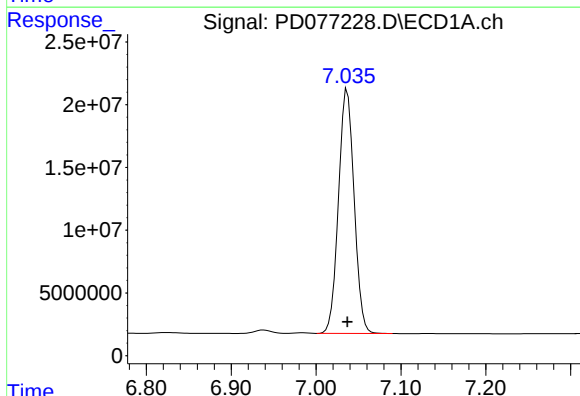
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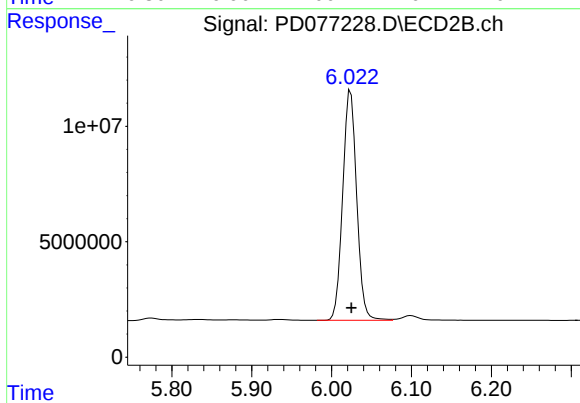
#16 4,4'-DDD

R.T.: 5.772 min
Delta R.T.: 0.000 min
Response: 1310401
Conc: 1.18 ng/ml m



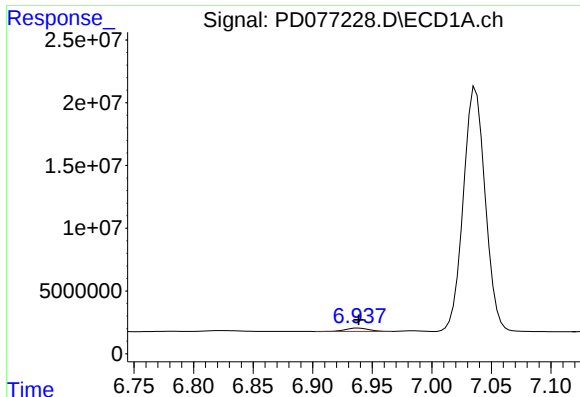
#17 4,4'-DDT

R.T.: 7.035 min
Delta R.T.: -0.002 min
Response: 249048020
Conc: 102.42 ng/ml m



#17 4,4'-DDT

R.T.: 6.024 min
Delta R.T.: 0.000 min
Response: 121550555
Conc: 109.35 ng/ml



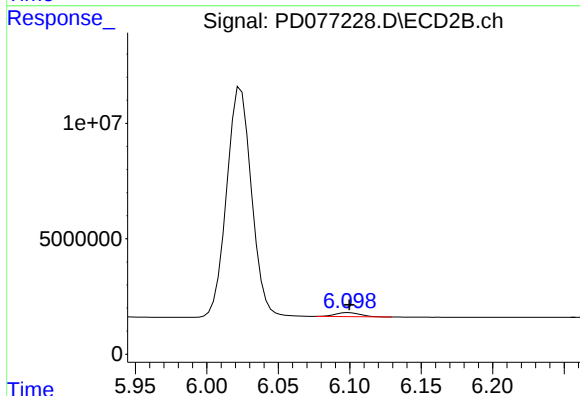
#18 Endrin aldehyde

R.T.: 6.939 min
Delta R.T.: 0.000 min
Response: 3648308
Conc: 1.67 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

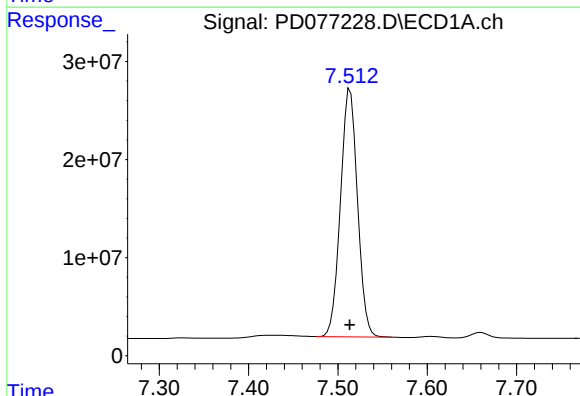
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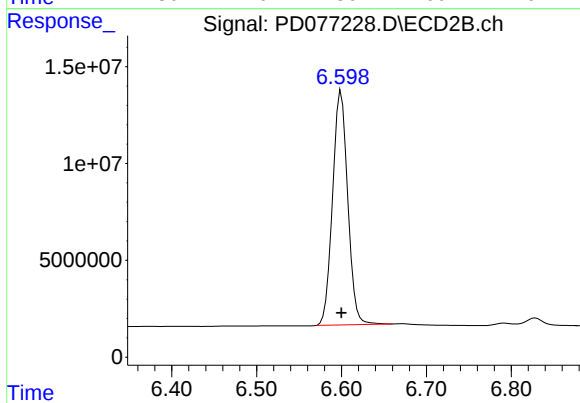
#18 Endrin aldehyde

R.T.: 6.098 min
Delta R.T.: -0.002 min
Response: 2125412
Conc: 1.87 ng/ml m



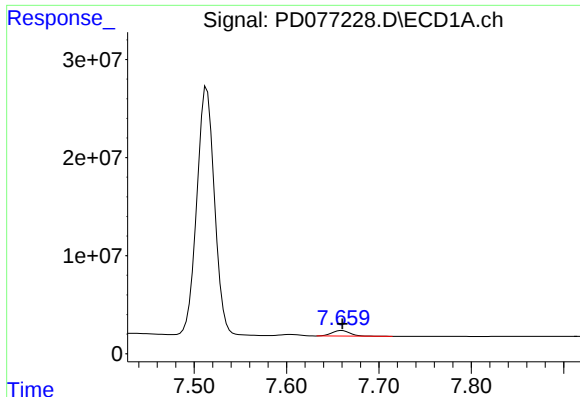
#20 Methoxychlor

R.T.: 7.514 min
Delta R.T.: 0.000 min
Response: 334798531
Conc: 236.29 ng/ml



#20 Methoxychlor

R.T.: 6.600 min
Delta R.T.: 0.000 min
Response: 150224589
Conc: 251.24 ng/ml



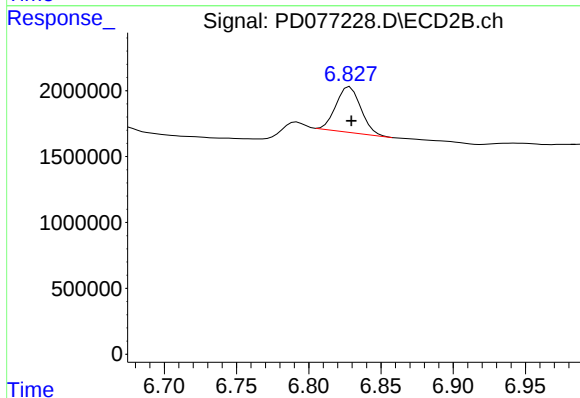
#21 Endrin ketone

R.T.: 7.660 min
Delta R.T.: 0.000 min
Response: 7678711
Conc: 2.55 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

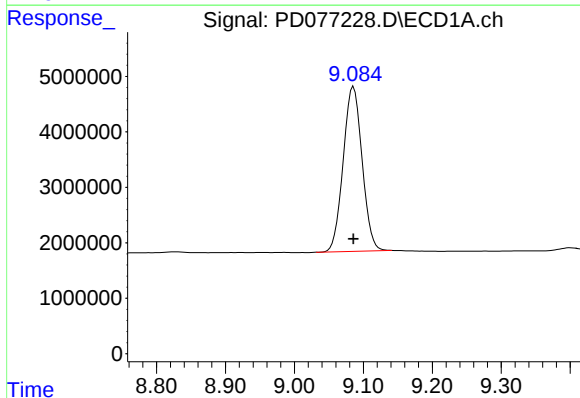
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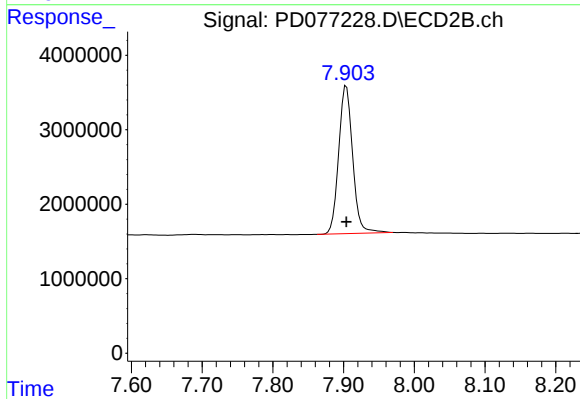
#21 Endrin ketone

R.T.: 6.827 min
Delta R.T.: -0.002 min
Response: 4125287
Conc: 2.60 ng/ml m



#28 Decachlorobiphenyl

R.T.: 9.086 min
Delta R.T.: 0.000 min
Response: 56683883
Conc: 20.69 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.904 min
Delta R.T.: 0.000 min
Response: 27292097
Conc: 19.07 ng/ml