

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD081923\
 Data File : PD077236.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 17 Aug 2023 09:30
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 08/18/2023
 Supervised By :Ankita Jodhani 08/18/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 17 21:37:27 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...	3.543	2.761	45427683	26586890	19.196	19.519
28)	SA Decachlor...	9.083	7.902	57163492	28851448	20.861	20.161
Target Compounds							
2)	A alpha-BHC	3.999	3.263	35478603	18717137	9.240	9.676
3)	MA gamma-BHC...	4.332	3.593	33794798	17165060	9.182	9.227
6)	B beta-BHC	4.530	3.890	15517003	8342802	10.311	10.936
12)	B 4,4'-DDE	6.204	5.219	451801	466719	0.152	0.322m#
14)	MA Endrin	6.588	5.625	125.6E6	67892829	45.196	46.399
16)	A 4,4'-DDD	6.721	5.774	2175358	1215785	0.925	1.093
17)	MA 4,4'-DDT	7.036	6.023	249.3E6	128.4E6	102.518	115.496
18)	B Endrin al...	6.937	6.099	3558546	3337439	1.629	2.932 #
20)	A Methoxychlor	7.513	6.598	334.7E6	152.6E6	236.193	255.258
21)	B Endrin ke...	7.658	6.826	7175545	4031453	2.383	2.543m

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

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

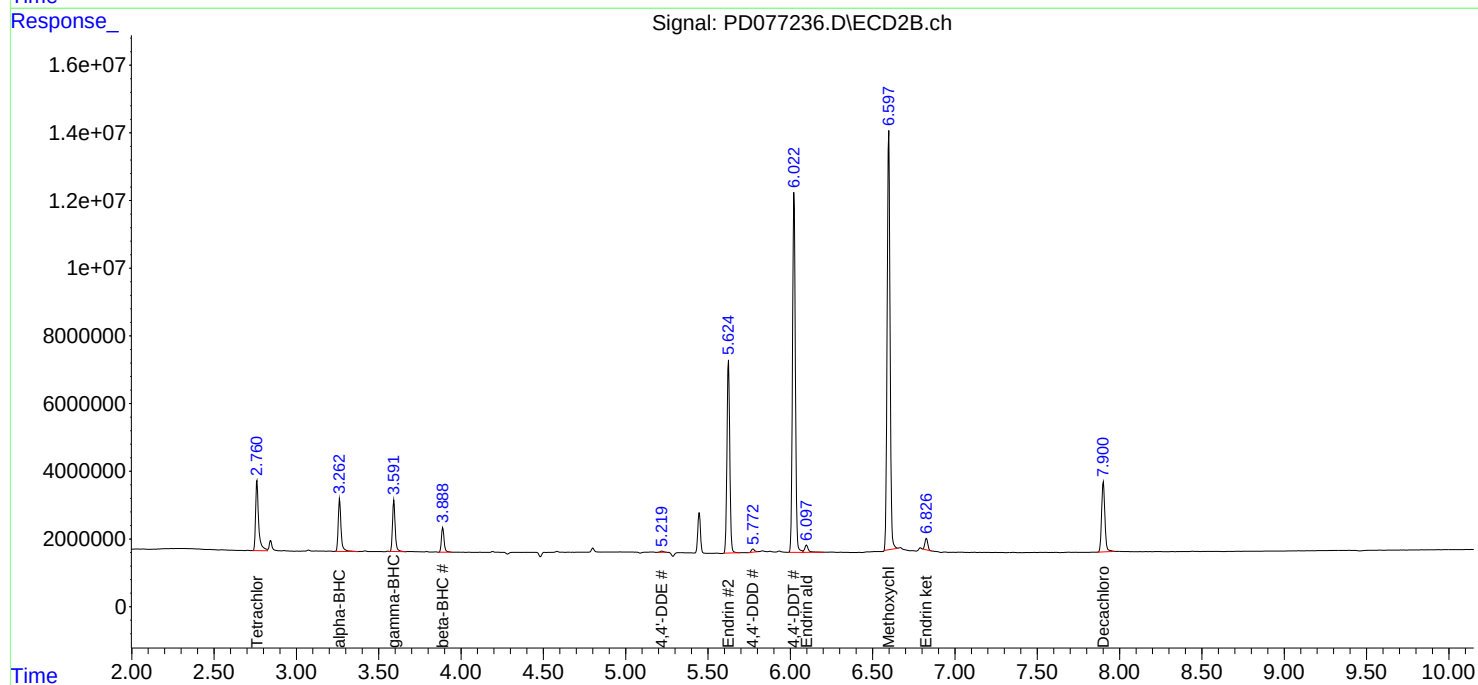
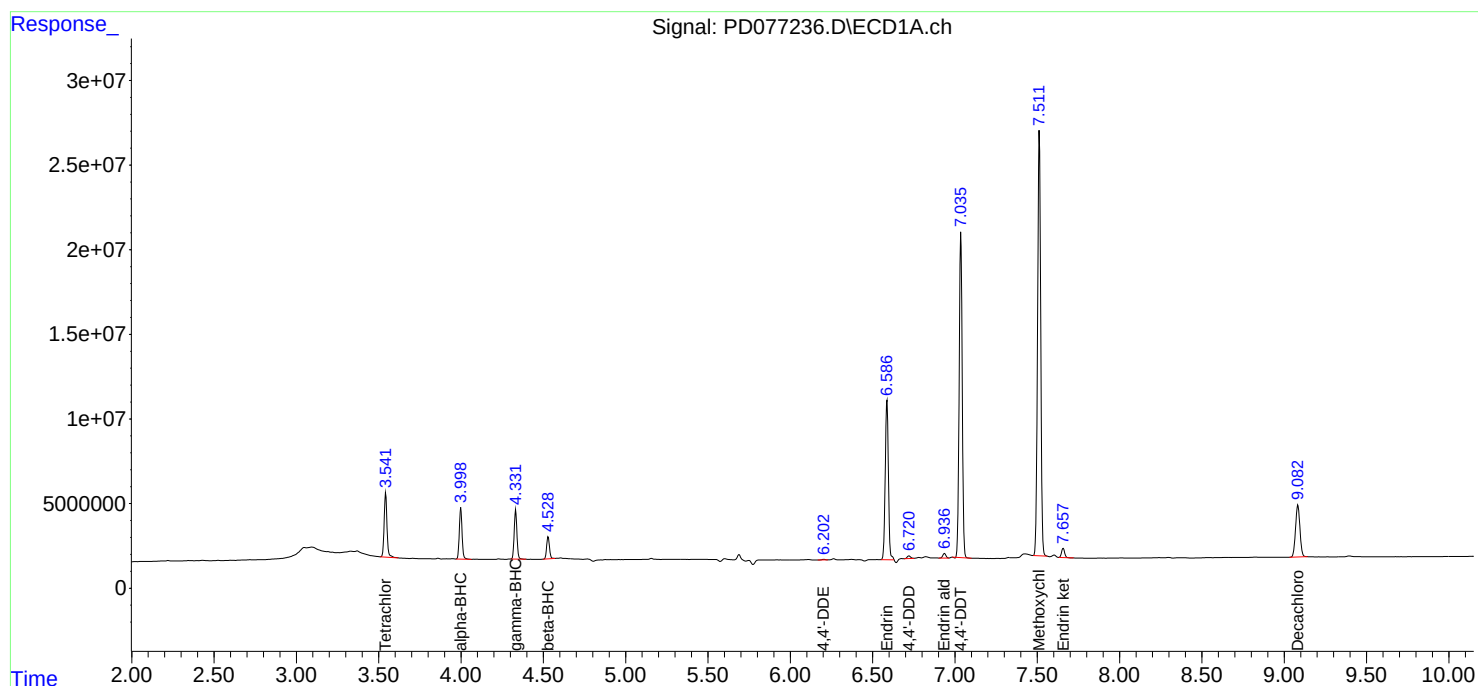
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PEM

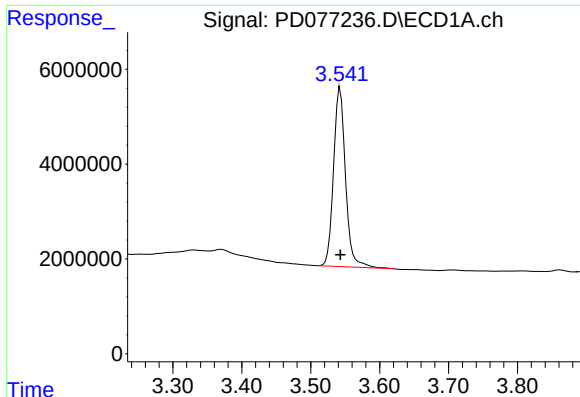
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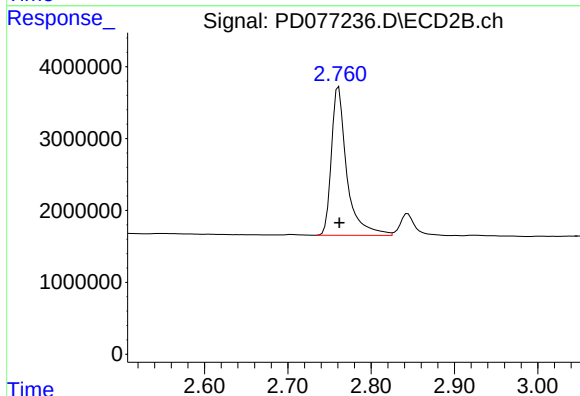
#1 Tetrachloro-m-xylene

R.T.: 3.543 min
Delta R.T.: 0.000 min
Response: 45427683
Conc: 19.20 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

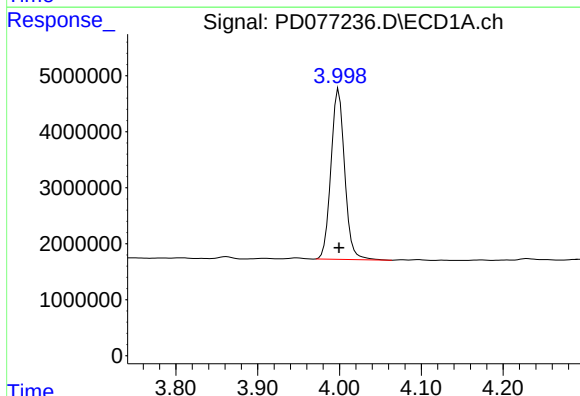
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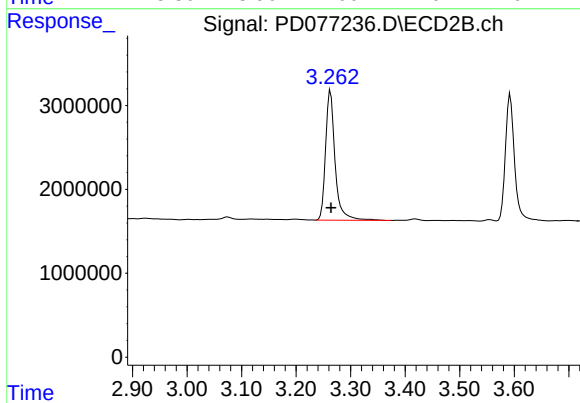
#1 Tetrachloro-m-xylene

R.T.: 2.761 min
Delta R.T.: 0.000 min
Response: 26586890
Conc: 19.52 ng/ml



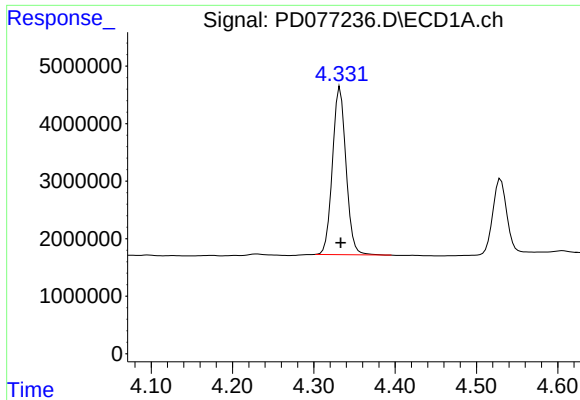
#2 alpha-BHC

R.T.: 3.999 min
Delta R.T.: 0.000 min
Response: 35478603
Conc: 9.24 ng/ml



#2 alpha-BHC

R.T.: 3.263 min
Delta R.T.: 0.000 min
Response: 18717137
Conc: 9.68 ng/ml



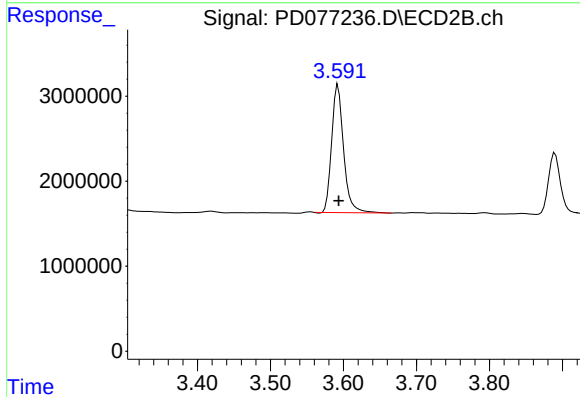
#3 gamma-BHC (Lindane)

R.T.: 4.332 min
Delta R.T.: 0.000 min
Response: 33794798
Conc: 9.18 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

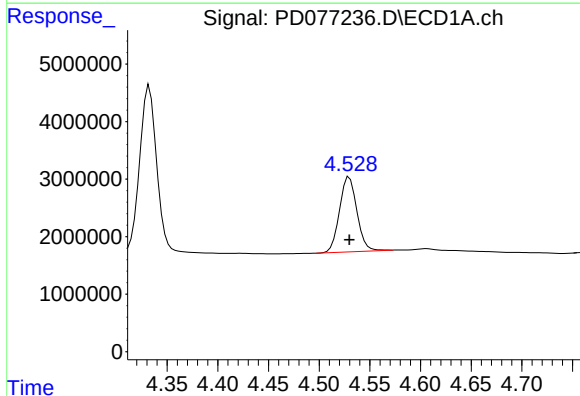
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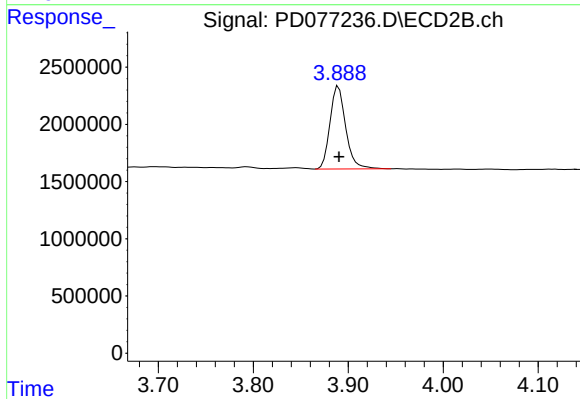
#3 gamma-BHC (Lindane)

R.T.: 3.593 min
Delta R.T.: 0.000 min
Response: 17165060
Conc: 9.23 ng/ml



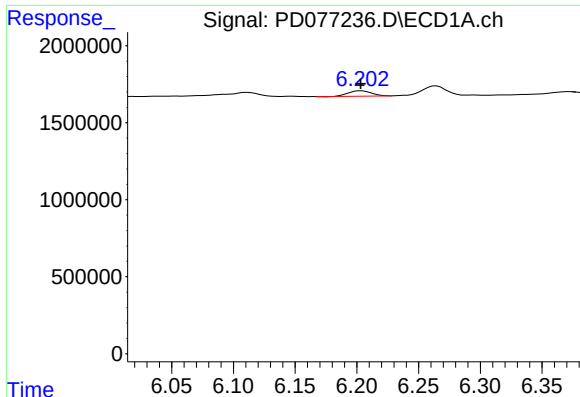
#6 beta-BHC

R.T.: 4.530 min
Delta R.T.: 0.000 min
Response: 15517003
Conc: 10.31 ng/ml



#6 beta-BHC

R.T.: 3.890 min
Delta R.T.: 0.000 min
Response: 8342802
Conc: 10.94 ng/ml



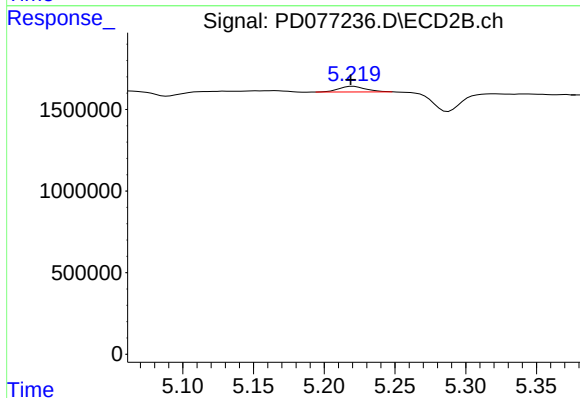
#12 4,4'-DDE

R.T.: 6.204 min
Delta R.T.: 0.000 min
Response: 451801
Conc: 0.15 ng/ml

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

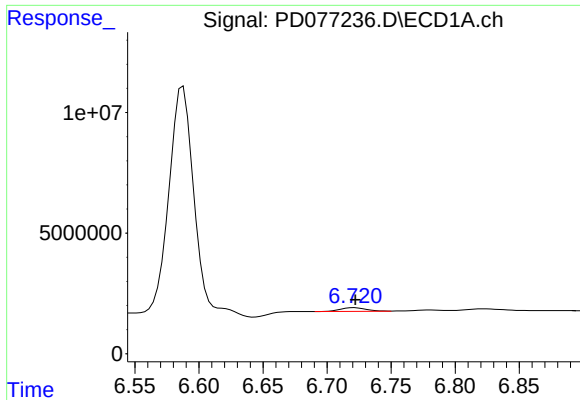
R.T.: 5.219 min
Delta R.T.: 0.000 min
Response: 466719
Conc: 0.32 ng/ml m

#14 Endrin

R.T.: 6.588 min
Delta R.T.: 0.000 min
Response: 125586775
Conc: 45.20 ng/ml

#14 Endrin

R.T.: 5.625 min
Delta R.T.: -0.001 min
Response: 67892829
Conc: 46.40 ng/ml



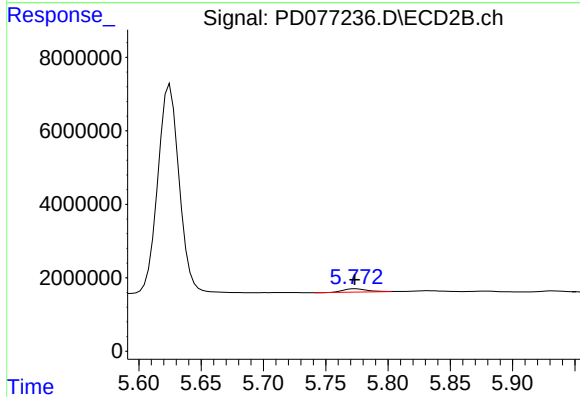
#16 4,4'-DDD

R.T.: 6.721 min
Delta R.T.: 0.000 min
Response: 2175358
Conc: 0.92 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

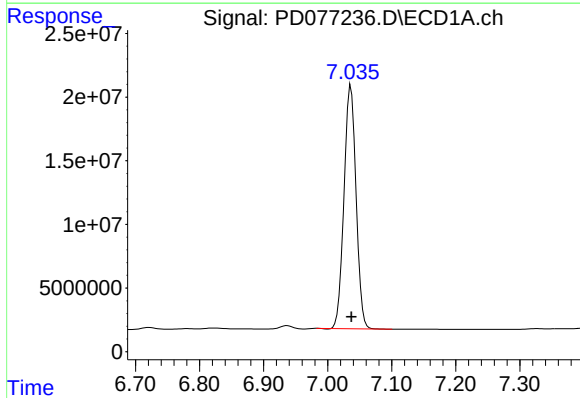
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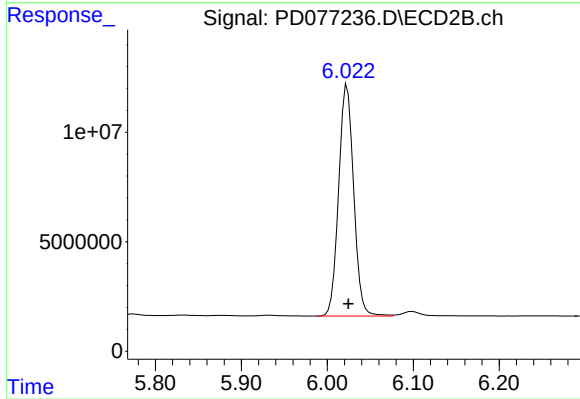
#16 4,4'-DDD

R.T.: 5.774 min
Delta R.T.: 0.000 min
Response: 1215785
Conc: 1.09 ng/ml



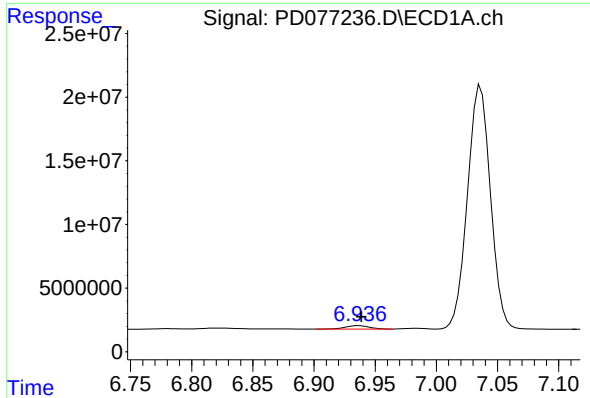
#17 4,4'-DDT

R.T.: 7.036 min
Delta R.T.: 0.000 min
Response: 249284888
Conc: 102.52 ng/ml



#17 4,4'-DDT

R.T.: 6.023 min
Delta R.T.: -0.002 min
Response: 128383812
Conc: 115.50 ng/ml



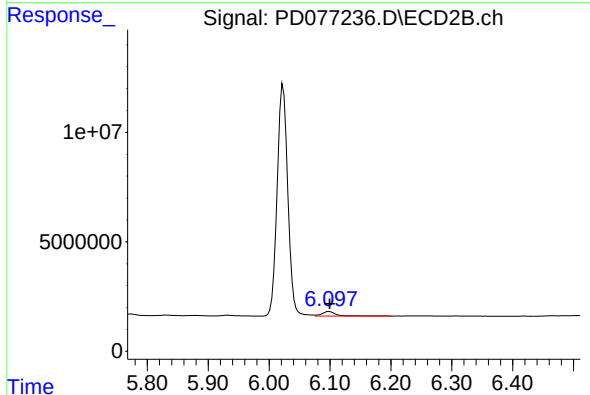
#18 Endrin aldehyde

R.T.: 6.937 min
Delta R.T.: -0.002 min
Response: 3558546
Conc: 1.63 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

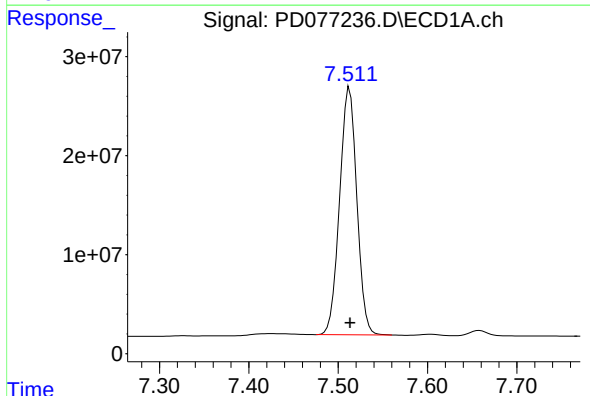
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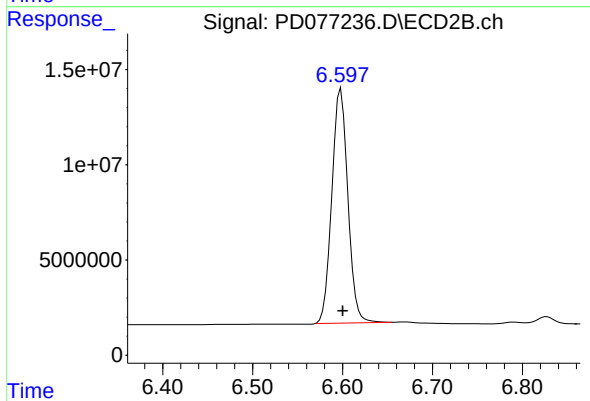
#18 Endrin aldehyde

R.T.: 6.099 min
Delta R.T.: -0.001 min
Response: 3337439
Conc: 2.93 ng/ml



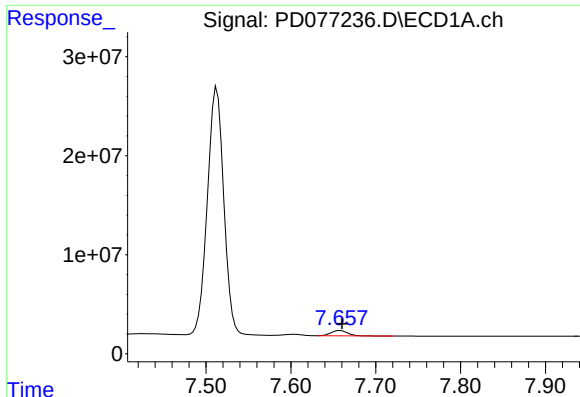
#20 Methoxychlor

R.T.: 7.513 min
Delta R.T.: 0.000 min
Response: 334653978
Conc: 236.19 ng/ml



#20 Methoxychlor

R.T.: 6.598 min
Delta R.T.: -0.002 min
Response: 152628640
Conc: 255.26 ng/ml



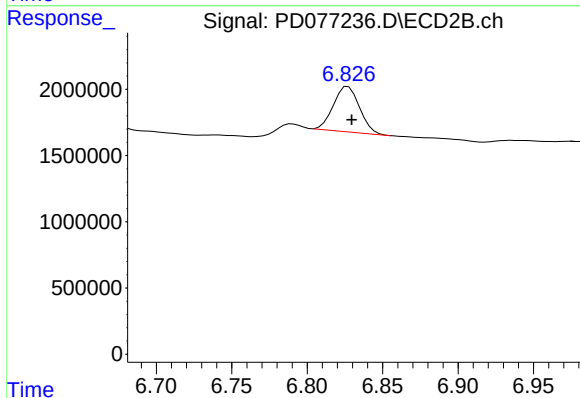
#21 Endrin ketone

R.T.: 7.658 min
Delta R.T.: -0.002 min
Response: 7175545
Conc: 2.38 ng/ml

Instrument :
ECD_D
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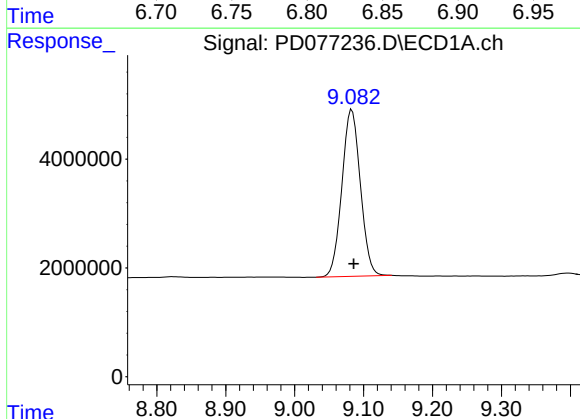
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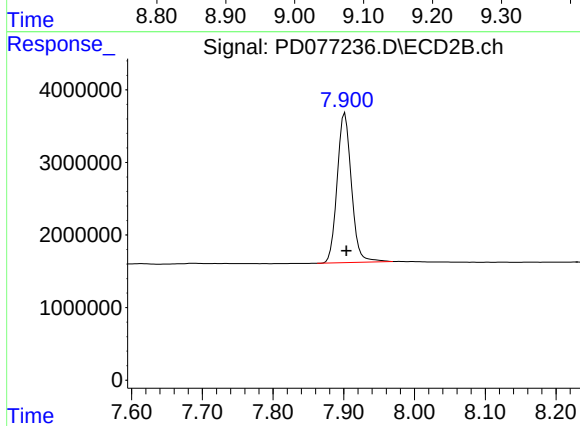
#21 Endrin ketone

R.T.: 6.826 min
Delta R.T.: -0.004 min
Response: 4031453
Conc: 2.54 ng/ml m



#28 Decachlorobiphenyl

R.T.: 9.083 min
Delta R.T.: -0.003 min
Response: 57163492
Conc: 20.86 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.902 min
Delta R.T.: -0.002 min
Response: 28851448
Conc: 20.16 ng/ml