

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD100223\
 Data File : PD078512.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 02 Oct 2023 09:43
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 10/03/2023
 Supervised By : Ankita Jodhani 10/03/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 02 13:15:48 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD090323.M
 Quant Title : GC Extractables
 QLast Update : Fri Sep 01 16:18:56 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...	3.544	2.758	50562674	35223940	19.914	22.271
28)	SA Decachlor...	9.085	7.897	61444681	34280118	20.171	19.865
Target Compounds							
2)	A alpha-BHC	4.001	3.259	39953464	24785582	9.711	10.713
3)	MA gamma-BHC...	4.334	3.589	38309131	23115324	9.684	10.340
6)	B beta-BHC	4.532	3.887	16772977	10796050	10.394	12.113
12)	B 4,4'-DDE	6.203	5.215	858997	781471	0.267m	0.428 #
14)	MA Endrin	6.588	5.620	145.5E6	100.1E6	47.957	55.288
16)	A 4,4'-DDD	6.726	5.772	527050	630148	0.206m	0.451m#
17)	MA 4,4'-DDT	7.038	6.019	272.5E6	170.0E6	104.200	120.339
18)	B Endrin al...	6.937	6.093	2276585	2643482	0.958m	1.958m#
20)	A Methoxychlor	7.514	6.594	367.5E6	210.8E6	237.612	272.251
21)	B Endrin ke...	7.660	6.822	5367117	4029383	1.651	2.131m#

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

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

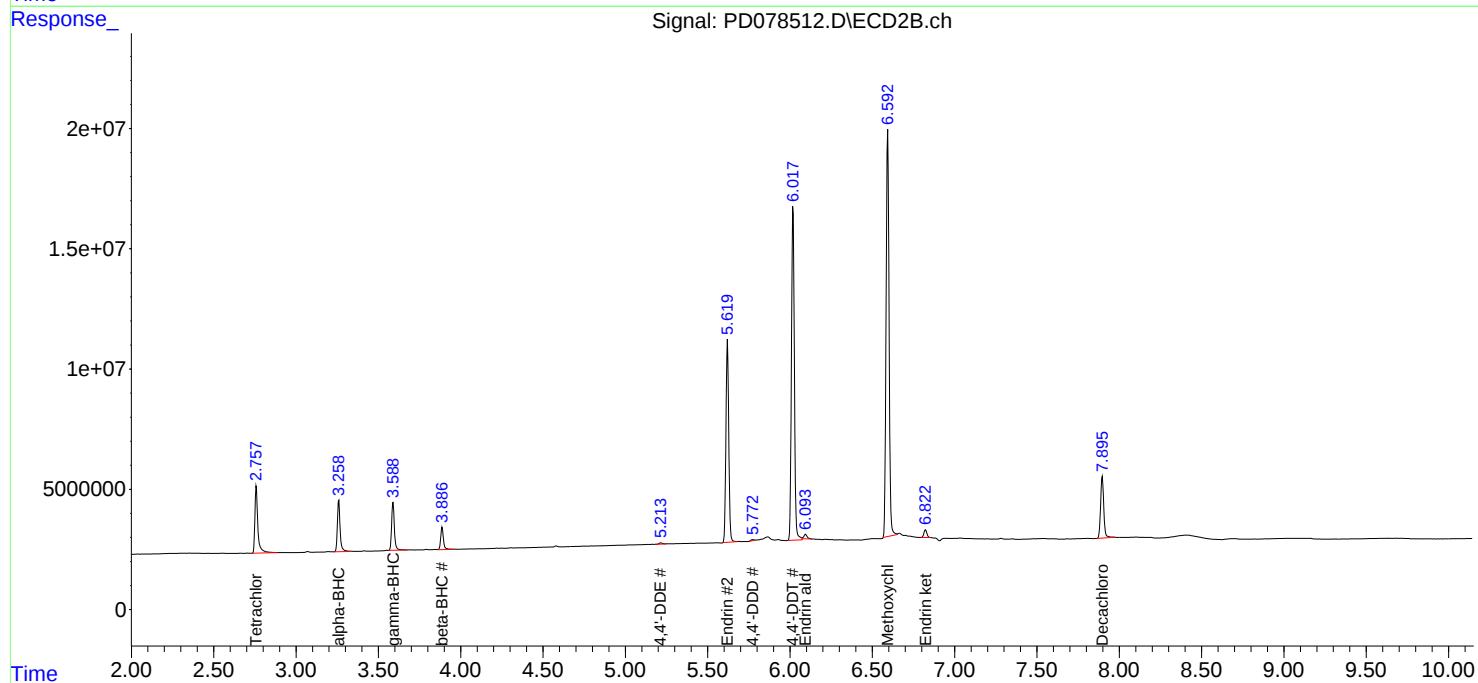
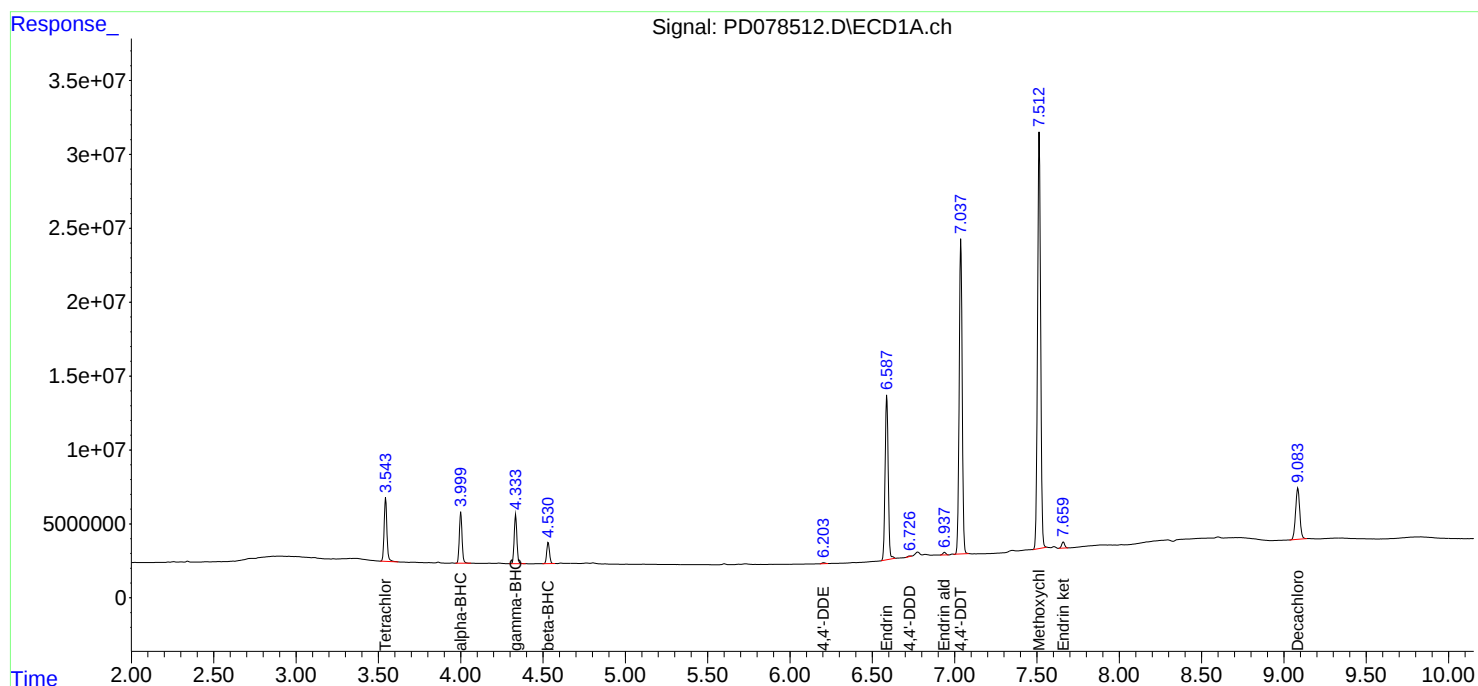
Instrument :
ECD_D
ClientSampleId :
PEM

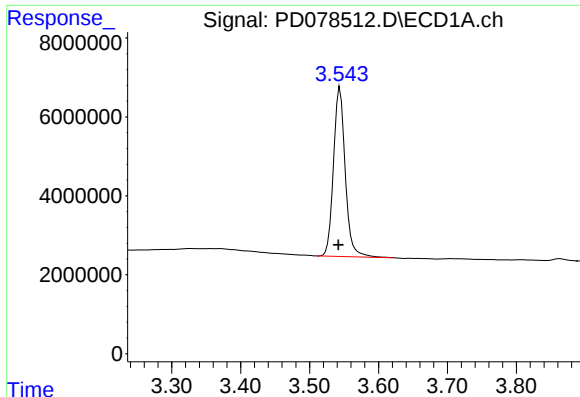
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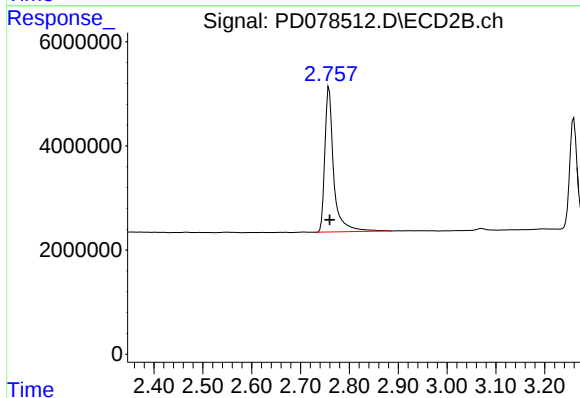
#1 Tetrachloro-m-xylene

R.T.: 3.544 min
Delta R.T.: 0.002 min
Response: 50562674
Conc: 19.91 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

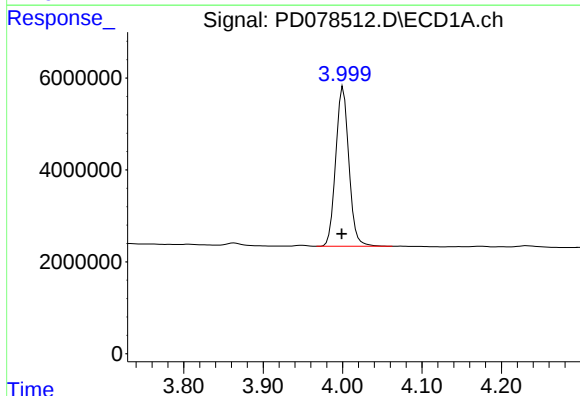
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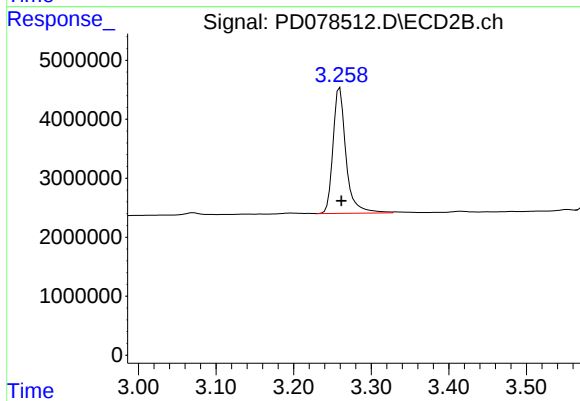
#1 Tetrachloro-m-xylene

R.T.: 2.758 min
Delta R.T.: -0.002 min
Response: 35223940
Conc: 22.27 ng/ml



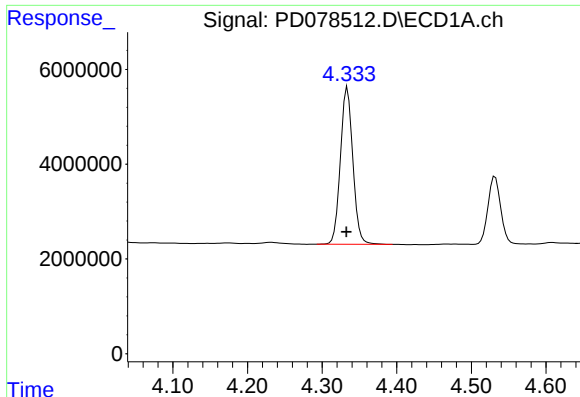
#2 alpha-BHC

R.T.: 4.001 min
Delta R.T.: 0.002 min
Response: 39953464
Conc: 9.71 ng/ml



#2 alpha-BHC

R.T.: 3.259 min
Delta R.T.: -0.002 min
Response: 24785582
Conc: 10.71 ng/ml



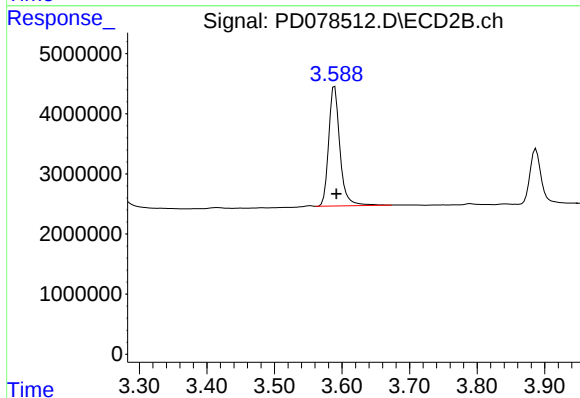
#3 gamma-BHC (Lindane)

R.T.: 4.334 min
Delta R.T.: 0.001 min
Response: 38309131
Conc: 9.68 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

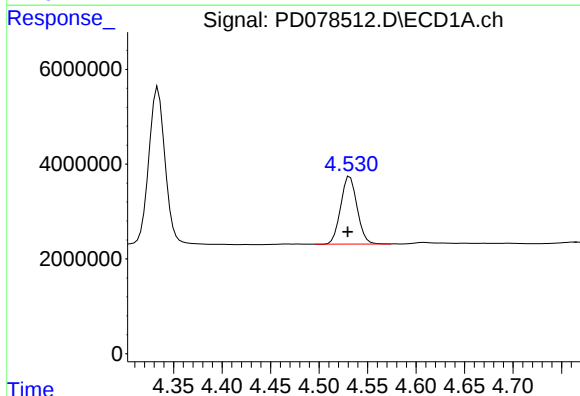
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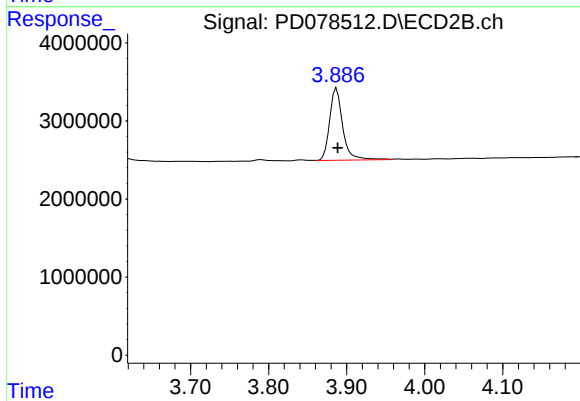
#3 gamma-BHC (Lindane)

R.T.: 3.589 min
Delta R.T.: -0.002 min
Response: 23115324
Conc: 10.34 ng/ml



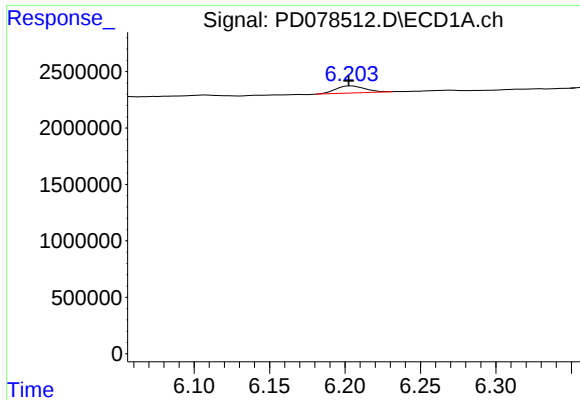
#6 beta-BHC

R.T.: 4.532 min
Delta R.T.: 0.002 min
Response: 16772977
Conc: 10.39 ng/ml



#6 beta-BHC

R.T.: 3.887 min
Delta R.T.: -0.002 min
Response: 10796050
Conc: 12.11 ng/ml



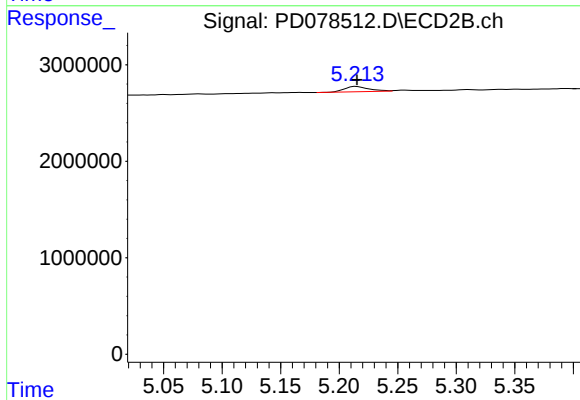
#12 4,4'-DDE

R.T.: 6.203 min
Delta R.T.: 0.000 min
Response: 858997
Conc: 0.27 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

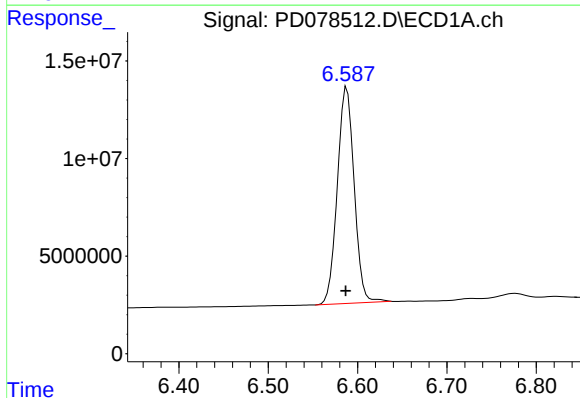
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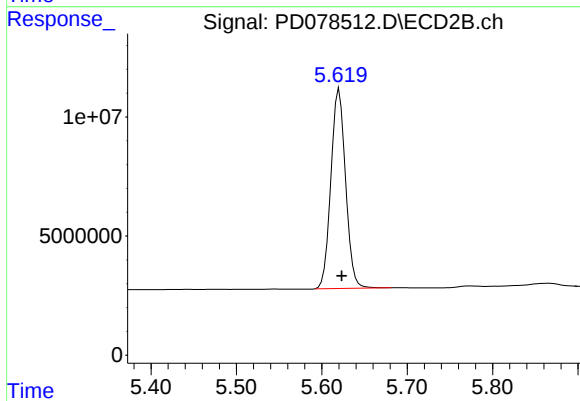
#12 4,4'-DDE

R.T.: 5.215 min
Delta R.T.: 0.000 min
Response: 781471
Conc: 0.43 ng/ml



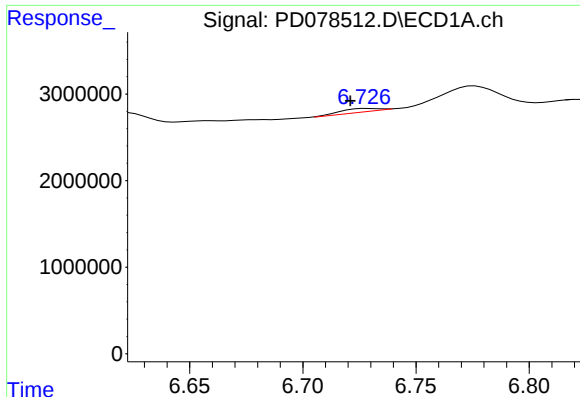
#14 Endrin

R.T.: 6.588 min
Delta R.T.: 0.001 min
Response: 145462398
Conc: 47.96 ng/ml



#14 Endrin

R.T.: 5.620 min
Delta R.T.: -0.003 min
Response: 100143199
Conc: 55.29 ng/ml



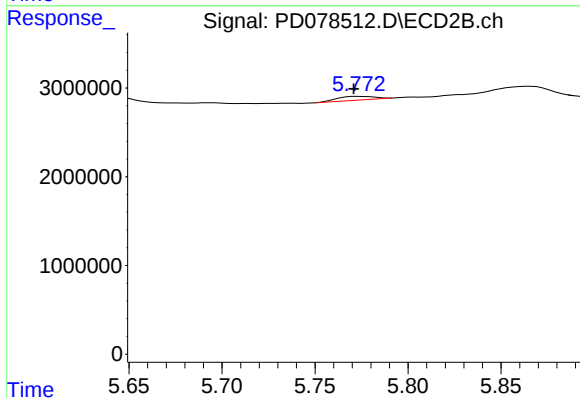
#16 4,4'-DDD

R.T.: 6.726 min
Delta R.T.: 0.005 min
Response: 527050
Conc: 0.21 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

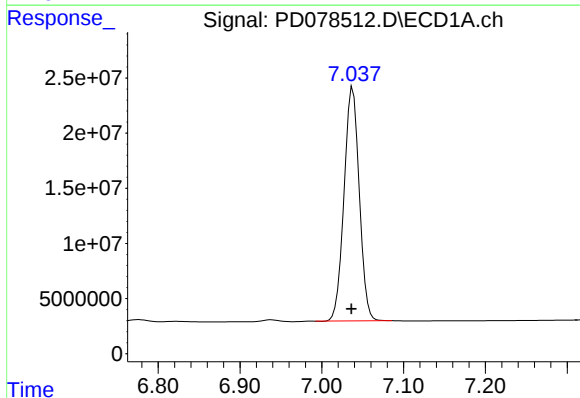
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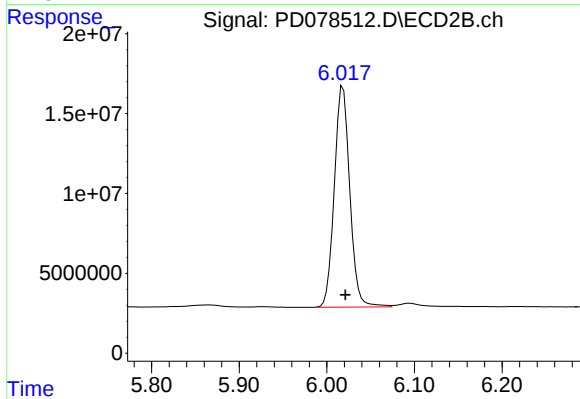
#16 4,4'-DDD

R.T.: 5.772 min
Delta R.T.: 0.001 min
Response: 630148
Conc: 0.45 ng/ml m



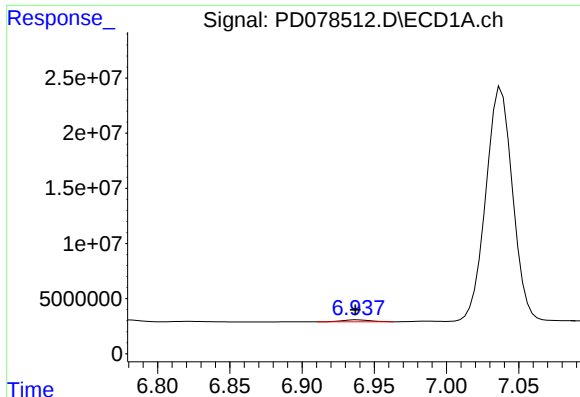
#17 4,4'-DDT

R.T.: 7.038 min
Delta R.T.: 0.002 min
Response: 272514470
Conc: 104.20 ng/ml



#17 4,4'-DDT

R.T.: 6.019 min
Delta R.T.: -0.003 min
Response: 170019450
Conc: 120.34 ng/ml



#18 Endrin aldehyde

R.T.: 6.937 min
Delta R.T.: 0.000 min
Response: 2276585
Conc: 0.96 ng/ml

Instrument :

ECD_D

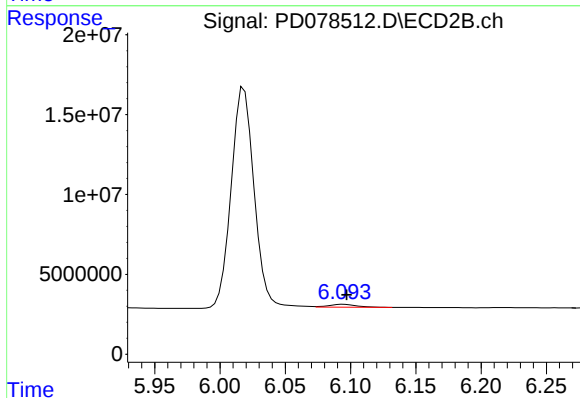
ClientSampleId :

PEM

Manual Integrations

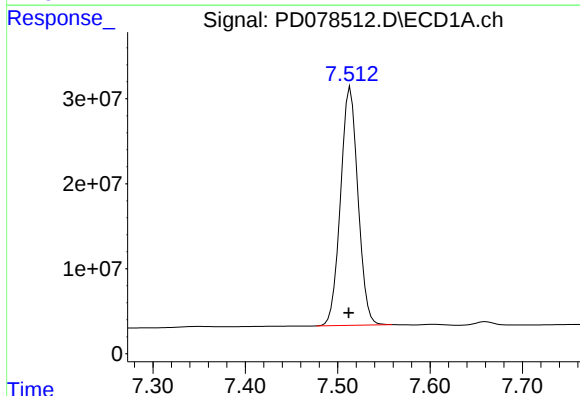
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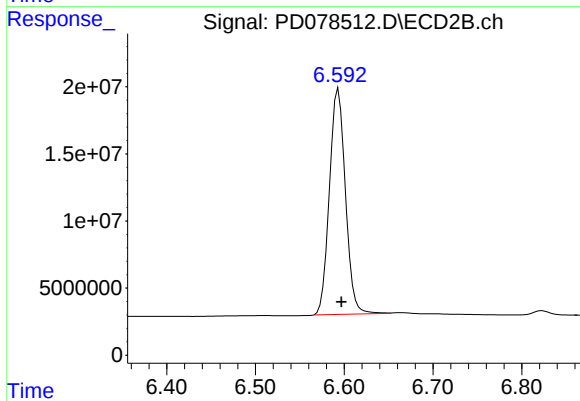
#18 Endrin aldehyde

R.T.: 6.093 min
Delta R.T.: -0.004 min
Response: 2643482
Conc: 1.96 ng/ml m



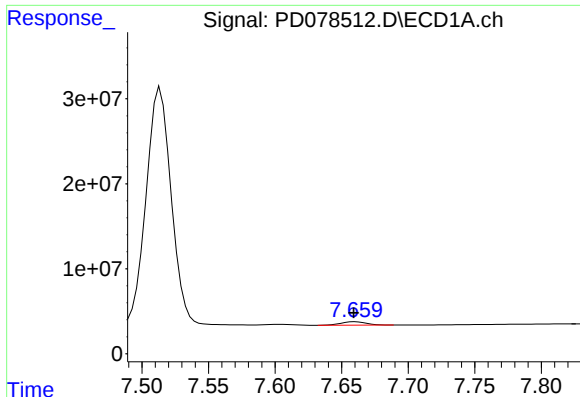
#20 Methoxychlor

R.T.: 7.514 min
Delta R.T.: 0.002 min
Response: 367528236
Conc: 237.61 ng/ml



#20 Methoxychlor

R.T.: 6.594 min
Delta R.T.: -0.004 min
Response: 210786696
Conc: 272.25 ng/ml



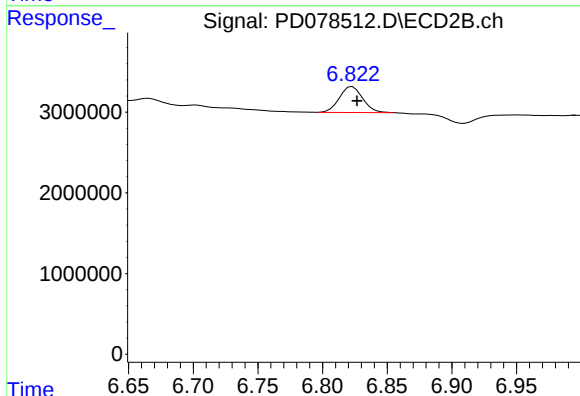
#21 Endrin ketone

R.T.: 7.660 min
Delta R.T.: 0.001 min
Response: 5367117
Conc: 1.65 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

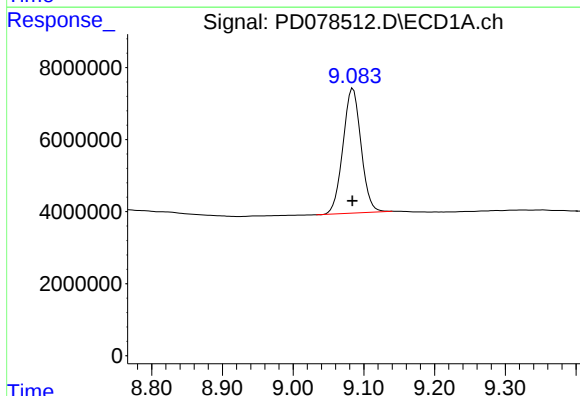
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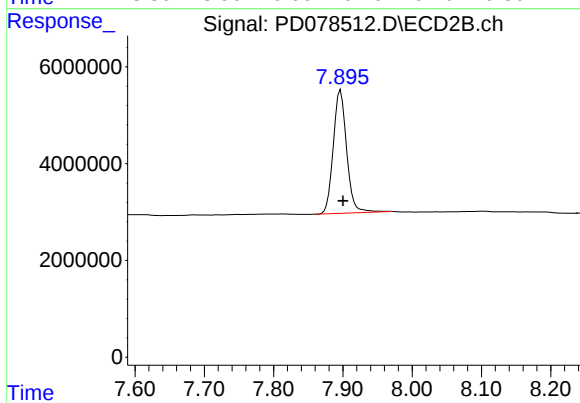
#21 Endrin ketone

R.T.: 6.822 min
Delta R.T.: -0.005 min
Response: 4029383
Conc: 2.13 ng/ml m



#28 Decachlorobiphenyl

R.T.: 9.085 min
Delta R.T.: 0.000 min
Response: 61444681
Conc: 20.17 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.897 min
Delta R.T.: -0.003 min
Response: 34280118
Conc: 19.87 ng/ml