

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD081822\
 Data File : PD071641.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 18 Aug 2022 14:14
 Operator : AR\AJ
 Sample : PEM300
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PEM090

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 08/19/2022
 Supervised By :Ankita Jodhani 08/19/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 19 02:02:23 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD081122CLP.M
 Quant Title : GC Extractables
 QLast Update : Thu Aug 11 04:21:34 2022
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 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

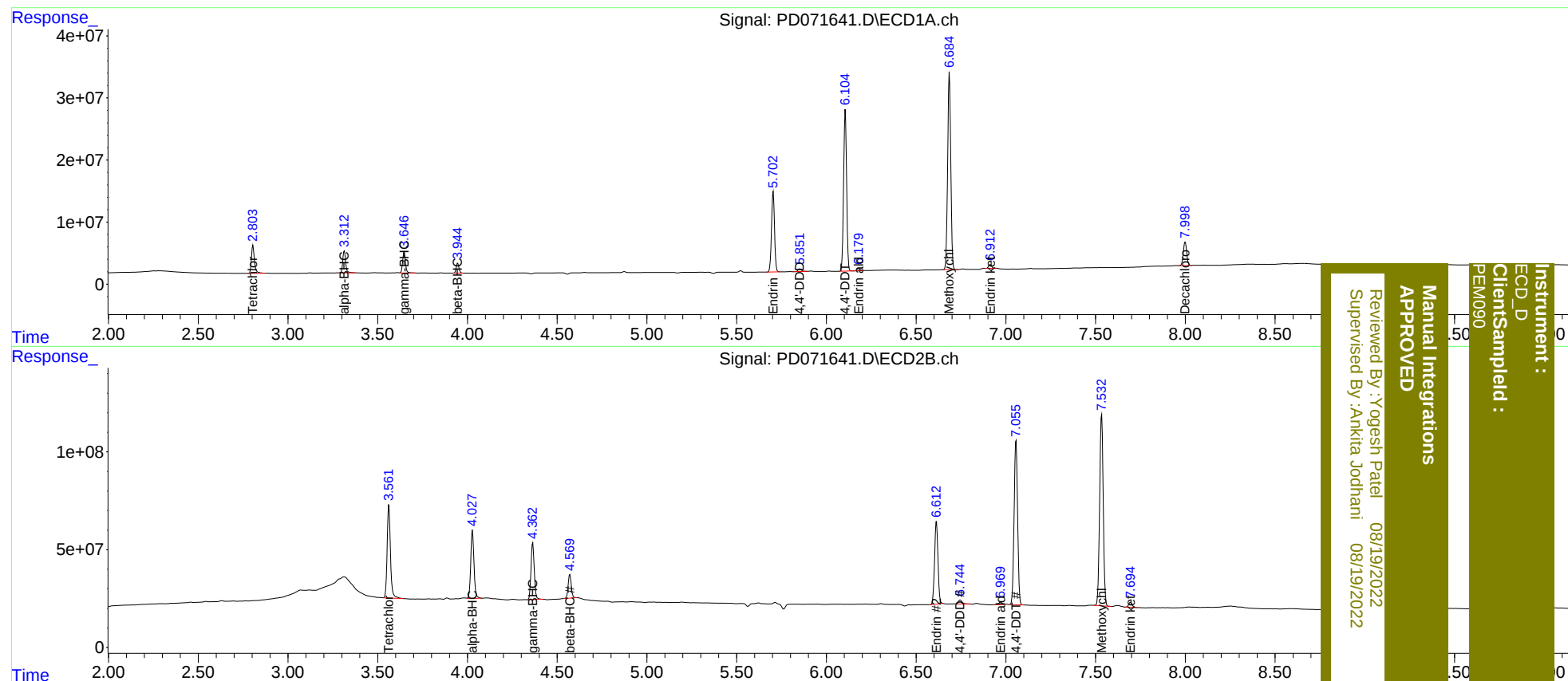
System Monitoring Compounds							
1)	SA Tetrachlo...	2.805	3.562	52020273	606.9E6	18.236	18.515
27)	SA Decachlor...	7.999	9.090	50110984	188.3E6	17.848	19.645
Target Compounds							
2)	A alpha-BHC	3.314	4.028	39365385	437.8E6	9.569	10.366
3)	MA gamma-BHC...	3.647	4.364	37424836	364.6E6	9.509	10.374
6)	B beta-BHC	3.944	4.571	17044134	147.8E6	9.630m	10.233
14)	MA Endrin	5.704	6.613	151.6E6	556.0E6	46.231	43.808
16)	A 4,4'-DDD	5.852	6.746	5304435	28116803	1.950	2.309
17)	MA 4,4'-DDT	6.105	7.057	300.3E6	1137.7E6	106.280	96.169
18)	B Endrin al...	6.180	6.971	4516999	16513873	1.684	1.502
20)	A Methoxychlor	6.685	7.534	384.1E6	1350.5E6	266.058	256.737
21)	B Endrin ke...	6.914	7.695	7447262	34777793	2.179	2.650

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

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Sample : PEM300
Misc :
ALS Vial : 3 Sample Multiplier: 1

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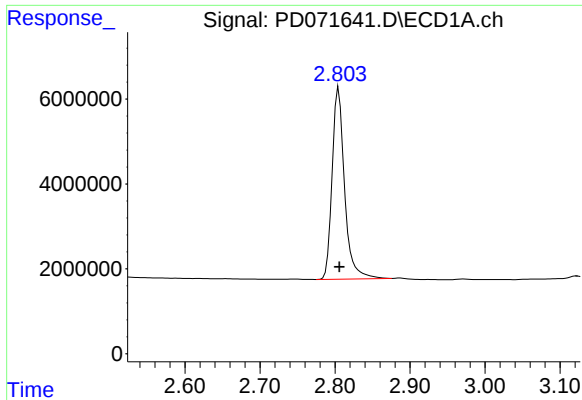
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Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm



Instrument :
ECD_D
ClientSampled :
PEM090

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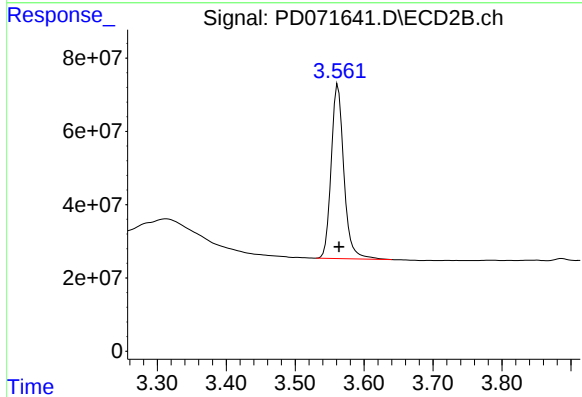
#1 Tetrachloro-m-xylene

R.T.: 2.805 min
Delta R.T.: -0.001 min
Response: 52020273
Conc: 18.24 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM090

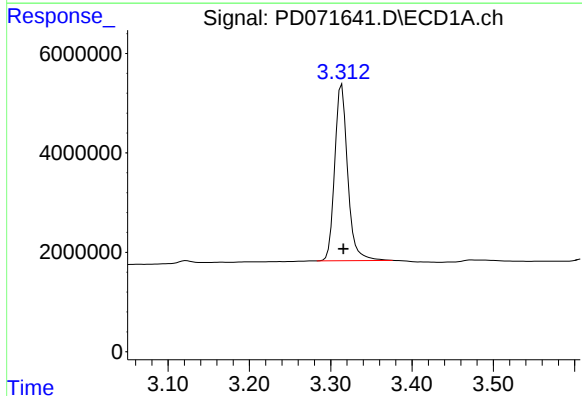
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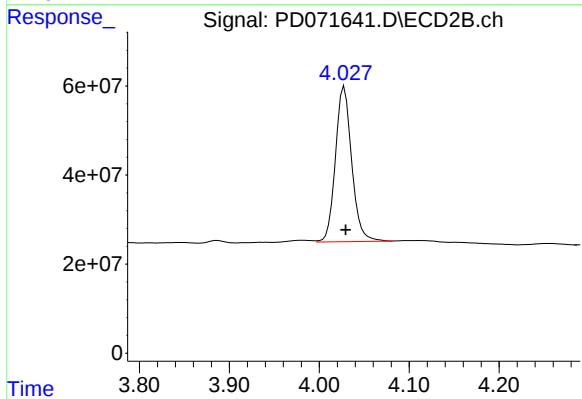
#1 Tetrachloro-m-xylene

R.T.: 3.562 min
Delta R.T.: -0.002 min
Response: 606891114
Conc: 18.51 ng/ml



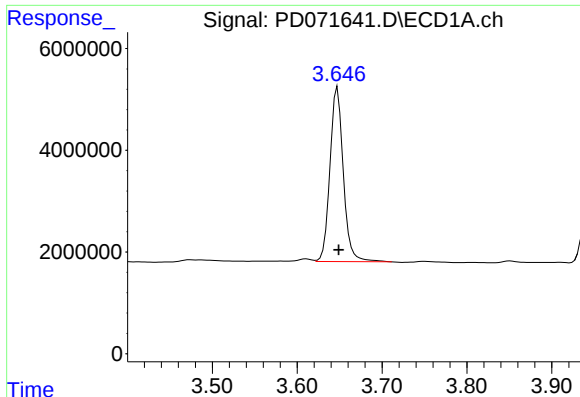
#2 alpha-BHC

R.T.: 3.314 min
Delta R.T.: -0.002 min
Response: 39365385
Conc: 9.57 ng/ml



#2 alpha-BHC

R.T.: 4.028 min
Delta R.T.: -0.002 min
Response: 437807343
Conc: 10.37 ng/ml



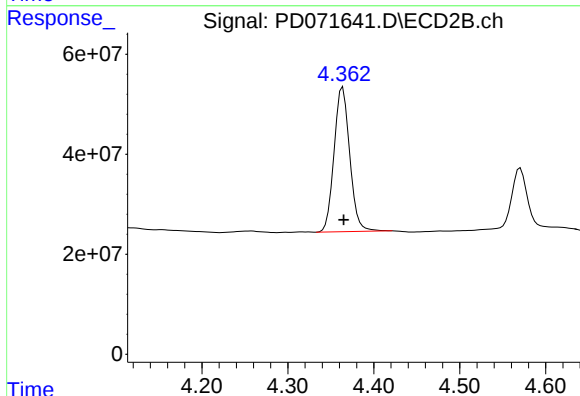
#3 gamma-BHC (Lindane)

R.T.: 3.647 min
Delta R.T.: -0.002 min
Response: 37424836
Conc: 9.51 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM090

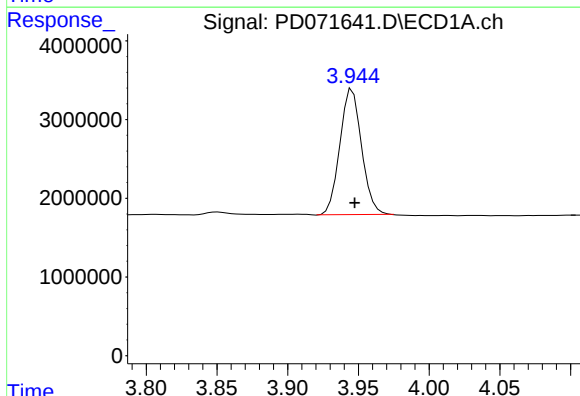
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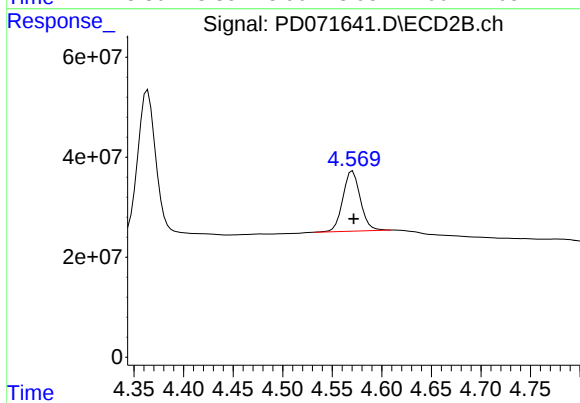
#3 gamma-BHC (Lindane)

R.T.: 4.364 min
Delta R.T.: -0.001 min
Response: 364624534
Conc: 10.37 ng/ml



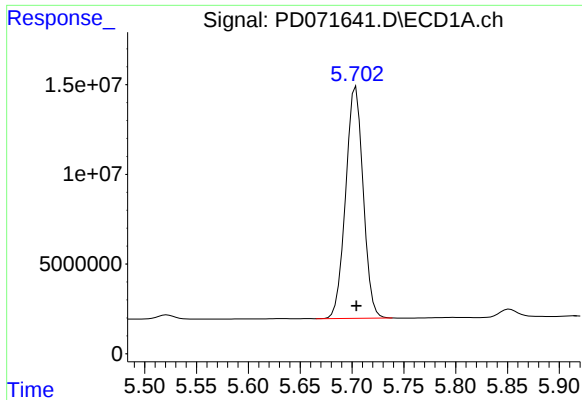
#6 beta-BHC

R.T.: 3.944 min
Delta R.T.: -0.003 min
Response: 17044134
Conc: 9.63 ng/ml m



#6 beta-BHC

R.T.: 4.571 min
Delta R.T.: -0.001 min
Response: 147812156
Conc: 10.23 ng/ml



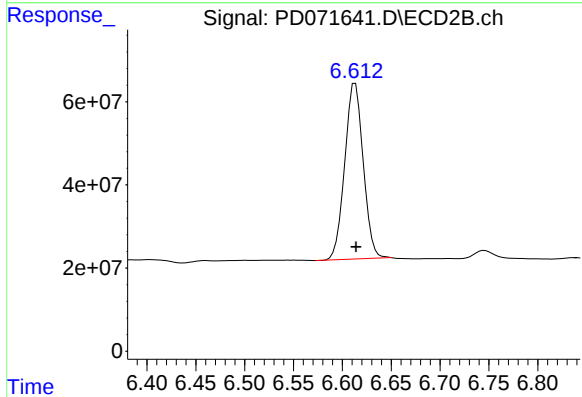
#14 Endrin

R.T.: 5.704 min
Delta R.T.: 0.000 min
Response: 151591371
Conc: 46.23 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM090

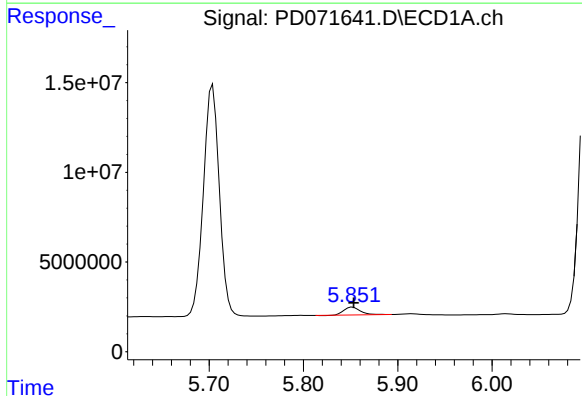
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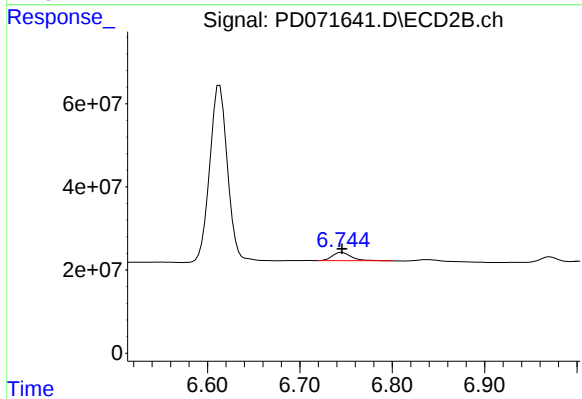
#14 Endrin

R.T.: 6.613 min
Delta R.T.: 0.000 min
Response: 555957229
Conc: 43.81 ng/ml



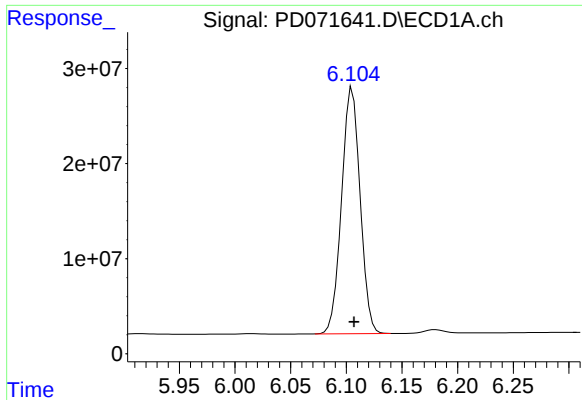
#16 4,4'-DDD

R.T.: 5.852 min
Delta R.T.: -0.001 min
Response: 5304435
Conc: 1.95 ng/ml



#16 4,4'-DDD

R.T.: 6.746 min
Delta R.T.: 0.000 min
Response: 28116803
Conc: 2.31 ng/ml



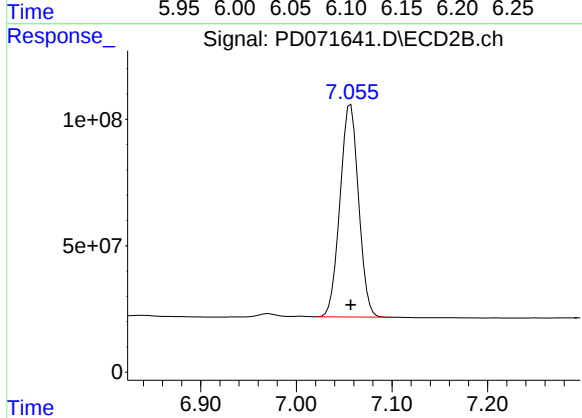
#17 4,4'-DDT

R.T.: 6.105 min
Delta R.T.: -0.002 min
Response: 300266979
Conc: 106.28 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM090

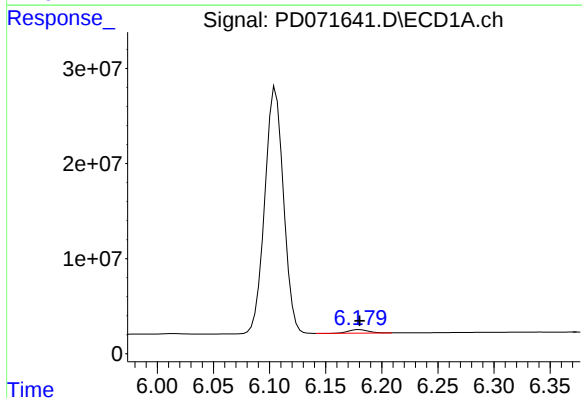
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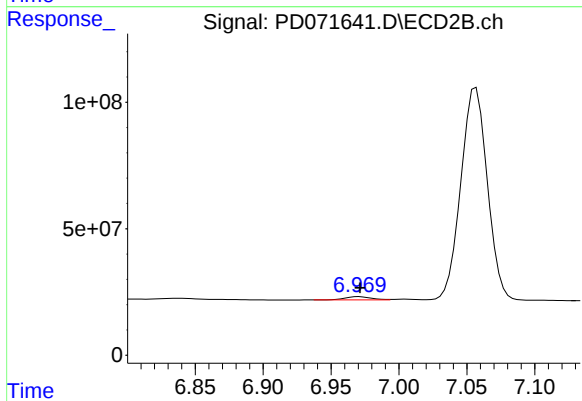
#17 4,4'-DDT

R.T.: 7.057 min
Delta R.T.: 0.000 min
Response: 1137669760
Conc: 96.17 ng/ml



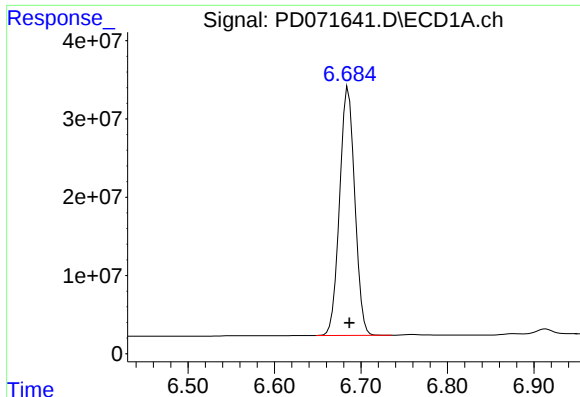
#18 Endrin aldehyde

R.T.: 6.180 min
Delta R.T.: 0.000 min
Response: 4516999
Conc: 1.68 ng/ml



#18 Endrin aldehyde

R.T.: 6.971 min
Delta R.T.: 0.000 min
Response: 16513873
Conc: 1.50 ng/ml



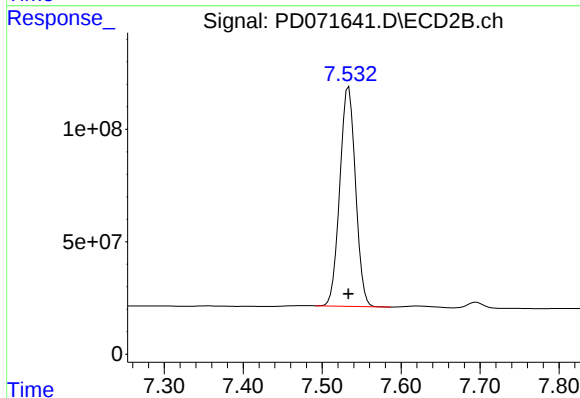
#20 Methoxychlor

R.T.: 6.685 min
Delta R.T.: -0.001 min
Response: 384124109
Conc: 266.06 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM090

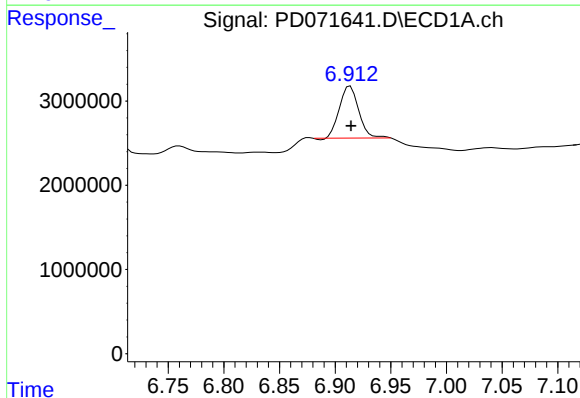
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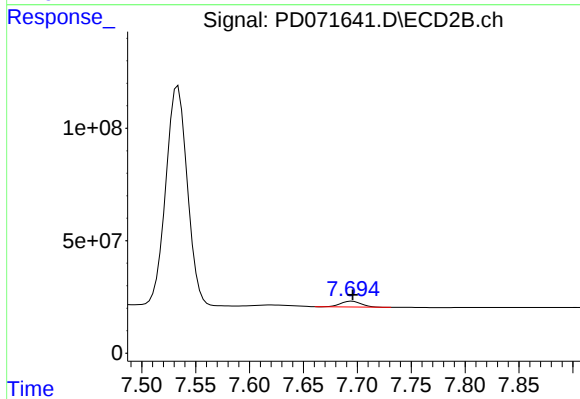
#20 Methoxychlor

R.T.: 7.534 min
Delta R.T.: 0.000 min
Response: 1350486578
Conc: 256.74 ng/ml



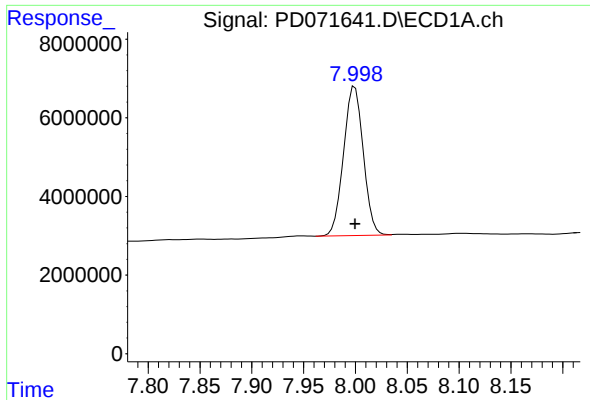
#21 Endrin ketone

R.T.: 6.914 min
Delta R.T.: 0.000 min
Response: 7447262
Conc: 2.18 ng/ml



#21 Endrin ketone

R.T.: 7.695 min
Delta R.T.: 0.000 min
Response: 34777793
Conc: 2.65 ng/ml



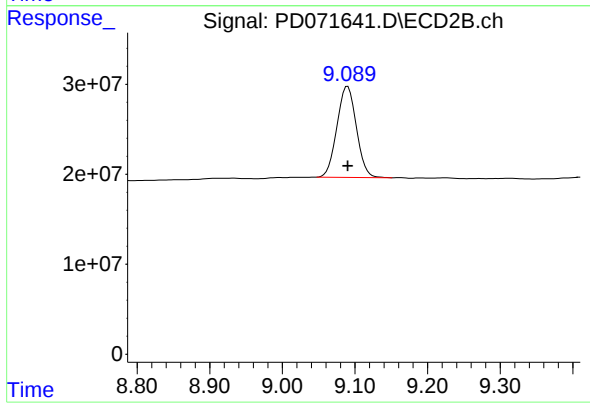
#27 Decachlorobiphenyl

R.T.: 7.999 min
Delta R.T.: 0.000 min
Response: 50110984
Conc: 17.85 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM090

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#27 Decachlorobiphenyl

R.T.: 9.090 min
Delta R.T.: 0.000 min
Response: 188327033
Conc: 19.64 ng/ml