

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD100721\
 Data File : PD066079.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 07 Oct 2021 16:17
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 10/08/2021
 Supervised By : mohammad ahmed 10/10/2021

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 07 23:18:05 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD092221.M
 Quant Title : GC Extractables
 QLast Update : Thu Sep 23 12:18:33 2021
 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...	3.494	4.010	17003672	122.2E6	22.961	21.286
28)	SA Decachlor...	8.235	9.083	25279207	90617128	18.507	23.414 #
Target Compounds							
2)	A alpha-BHC	3.933	4.405	11688817	94440501	10.408	11.232
3)	MA gamma-BHC...	4.217	4.691	12173191	80397556	10.856	10.406m
6)	B beta-BHC	4.466	4.868	7890489	45709755	13.822	12.368
12)	B 4,4'-DDE	5.648	6.355	277464	1752492	0.255m	0.304
14)	MA Endrin	6.043	6.726	57867602	256.3E6	54.688	51.996
16)	A 4,4'-DDD	6.165	6.849	1314441	8041295	1.340	1.636
17)	MA 4,4'-DDT	6.405	7.147	116.4E6	483.6E6	105.782	95.732
18)	B Endrin al...	6.481	7.064	985706	1547939	1.112	0.395 #
20)	A Methoxychlor	6.951	7.607	162.3E6	595.1E6	237.480	226.150
21)	B Endrin ke...	7.188	7.760	2864686	11042503	2.034	1.936

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

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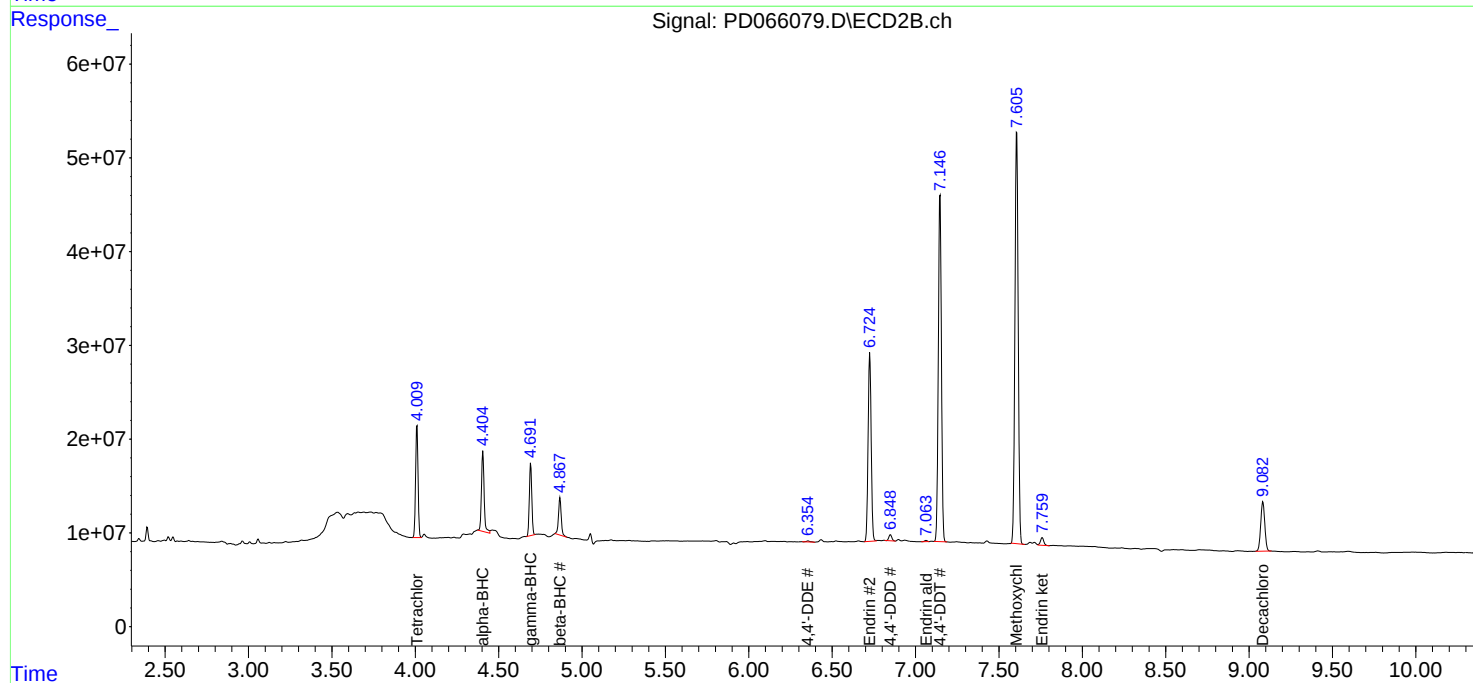
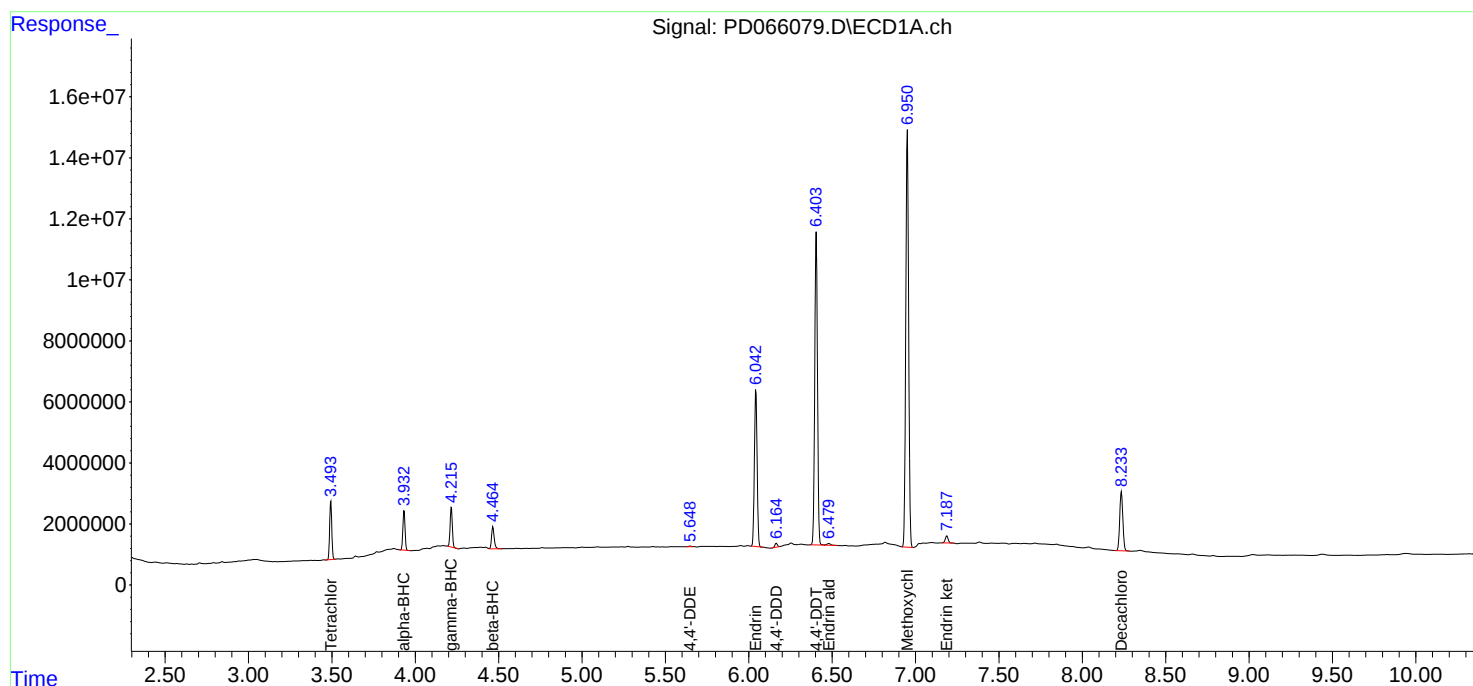
Instrument :
ECD_D
ClientSampleId :
PEM

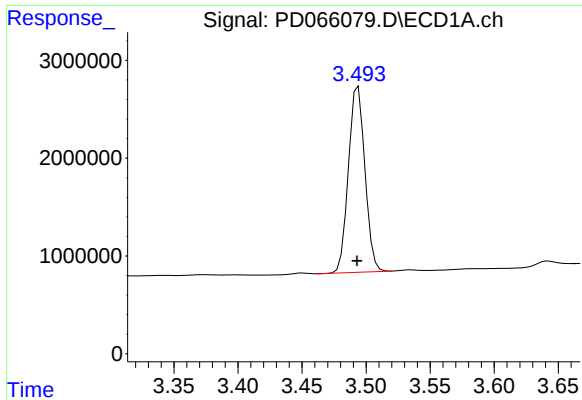
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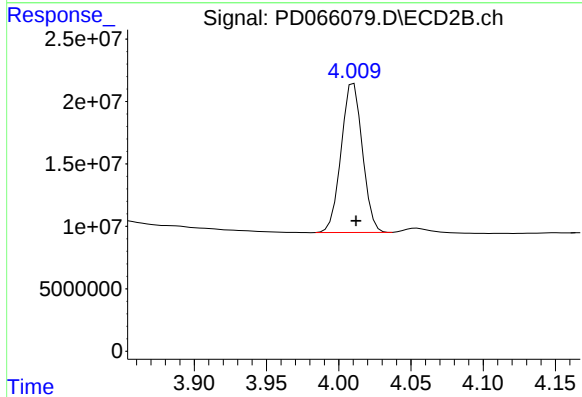
#1 Tetrachloro-m-xylene

R.T.: 3.494 min
Delta R.T.: 0.000 min
Response: 17003672
Conc: 22.96 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

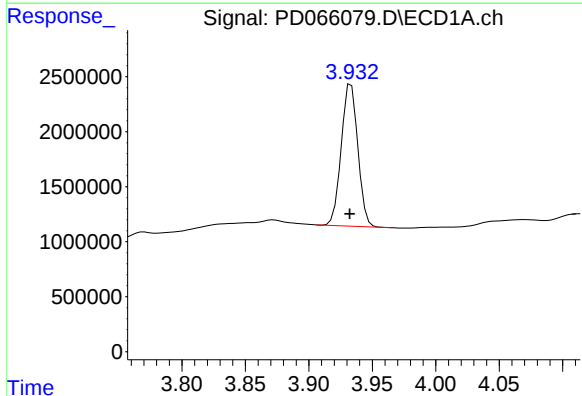
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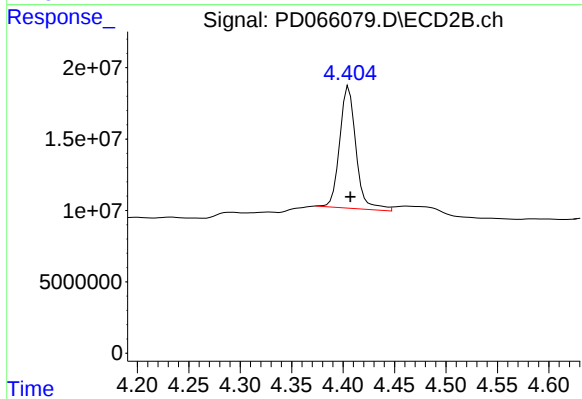
#1 Tetrachloro-m-xylene

R.T.: 4.010 min
Delta R.T.: -0.002 min
Response: 122227023
Conc: 21.29 ng/ml



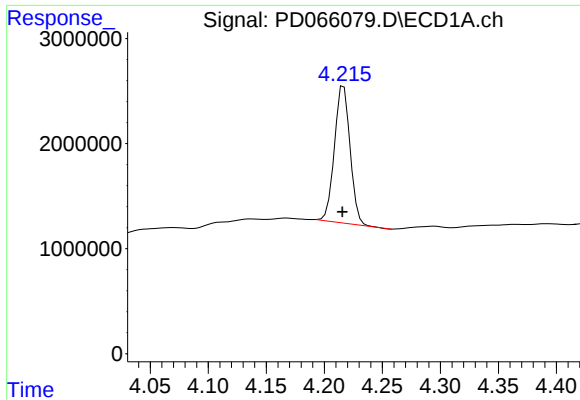
#2 alpha-BHC

R.T.: 3.933 min
Delta R.T.: 0.001 min
Response: 11688817
Conc: 10.41 ng/ml



#2 alpha-BHC

R.T.: 4.405 min
Delta R.T.: -0.002 min
Response: 94440501
Conc: 11.23 ng/ml



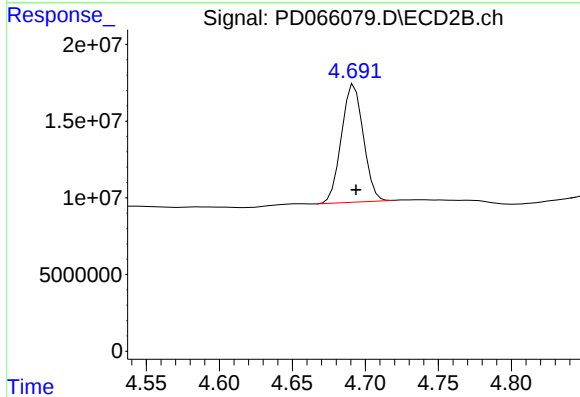
#3 gamma-BHC (Lindane)

R.T.: 4.217 min
Delta R.T.: 0.001 min
Response: 12173191
Conc: 10.86 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

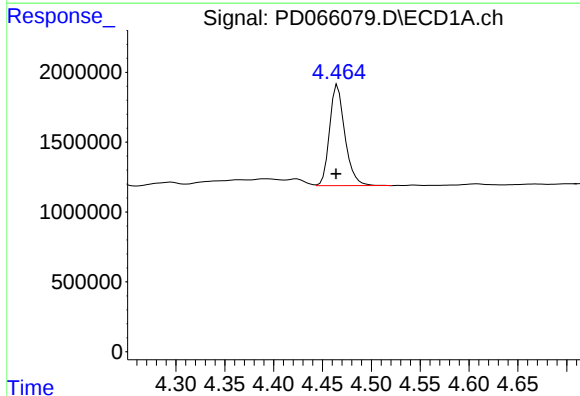
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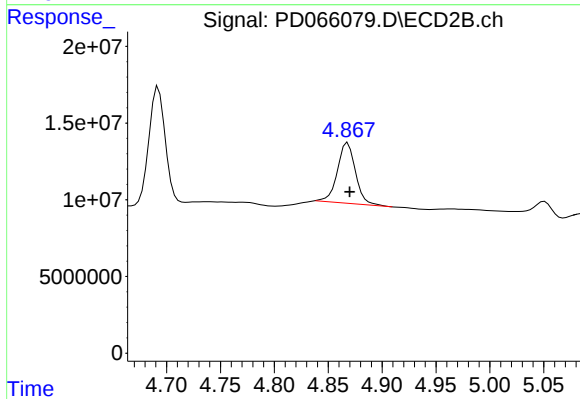
#3 gamma-BHC (Lindane)

R.T.: 4.691 min
Delta R.T.: -0.003 min
Response: 80397556
Conc: 10.41 ng/ml m



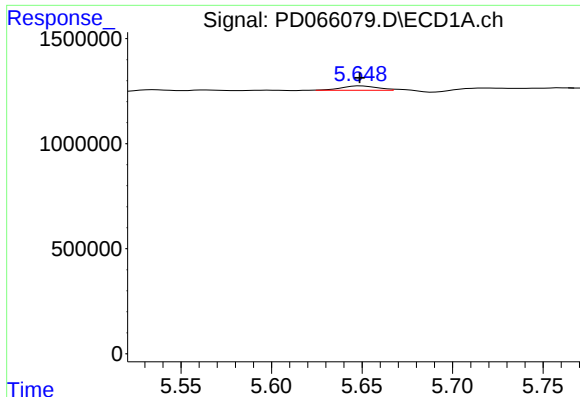
#6 beta-BHC

R.T.: 4.466 min
Delta R.T.: 0.002 min
Response: 7890489
Conc: 13.82 ng/ml



#6 beta-BHC

R.T.: 4.868 min
Delta R.T.: -0.002 min
Response: 45709755
Conc: 12.37 ng/ml



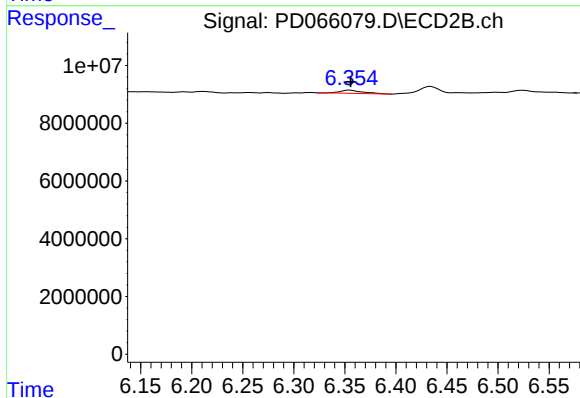
#12 4,4'-DDE

R.T.: 5.648 min
Delta R.T.: -0.001 min
Response: 277464
Conc: 0.25 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

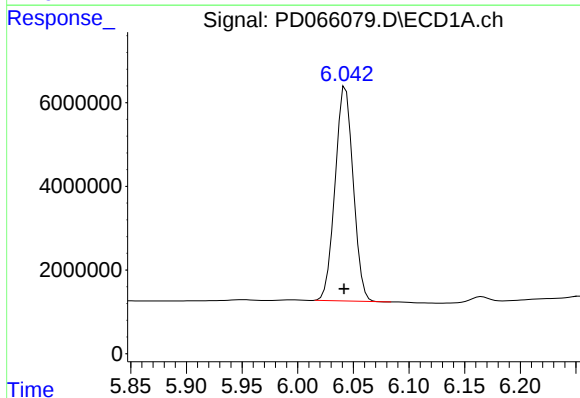
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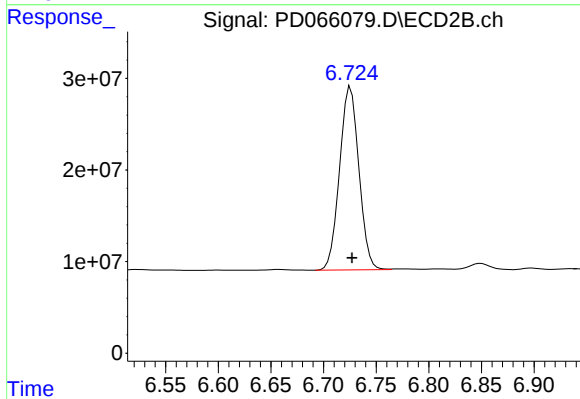
#12 4,4'-DDE

R.T.: 6.355 min
Delta R.T.: 0.000 min
Response: 1752492
Conc: 0.30 ng/ml



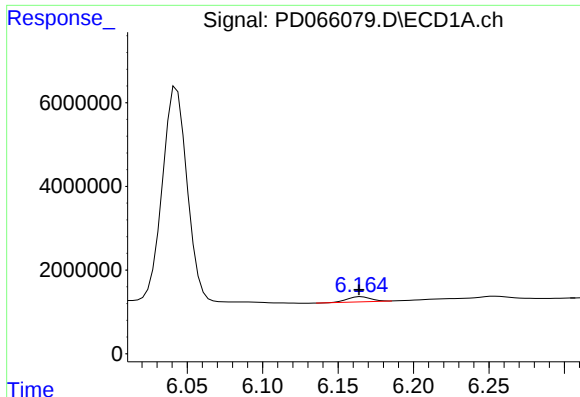
#14 Endrin

R.T.: 6.043 min
Delta R.T.: 0.001 min
Response: 57867602
Conc: 54.69 ng/ml



#14 Endrin

R.T.: 6.726 min
Delta R.T.: -0.001 min
Response: 256346294
Conc: 52.00 ng/ml



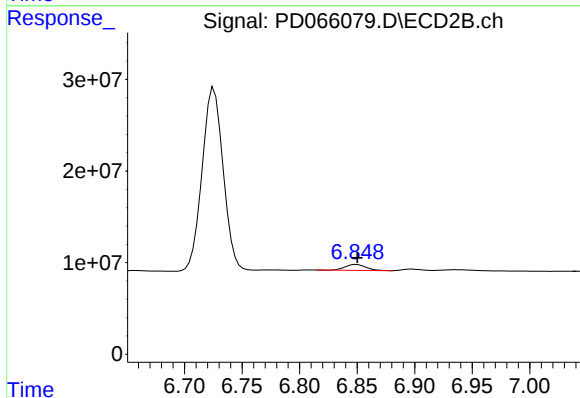
#16 4,4'-DDD

R.T.: 6.165 min
Delta R.T.: 0.001 min
Response: 1314441
Conc: 1.34 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

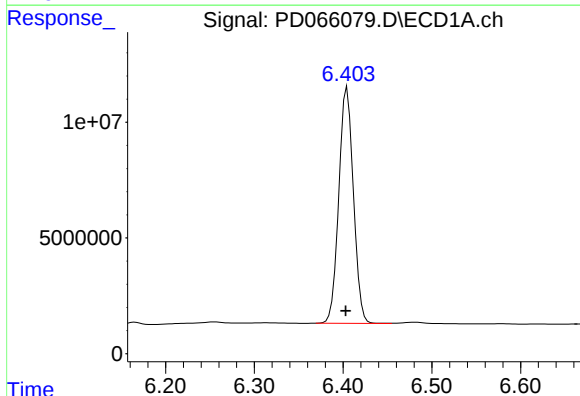
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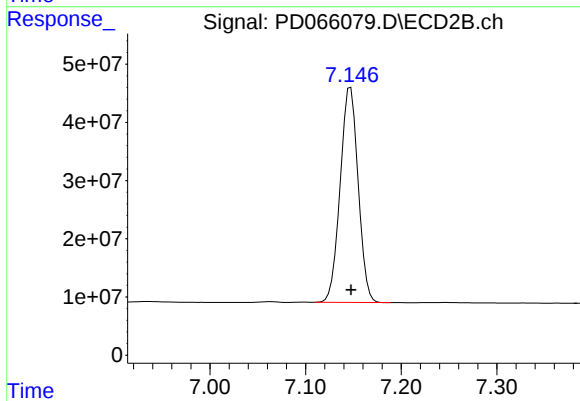
#16 4,4'-DDD

R.T.: 6.849 min
Delta R.T.: 0.000 min
Response: 8041295
Conc: 1.64 ng/ml



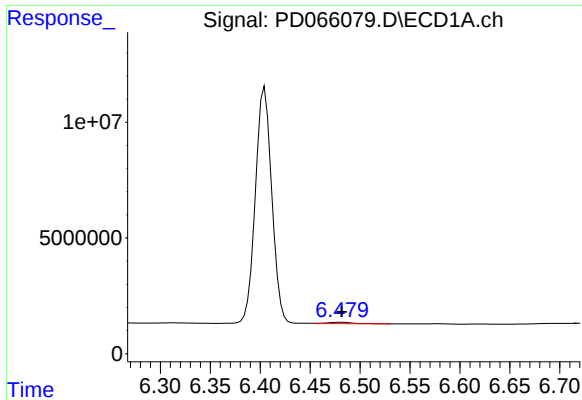
#17 4,4'-DDT

R.T.: 6.405 min
Delta R.T.: 0.002 min
Response: 116434046
Conc: 105.78 ng/ml



#17 4,4'-DDT

R.T.: 7.147 min
Delta R.T.: 0.000 min
Response: 483580170
Conc: 95.73 ng/ml



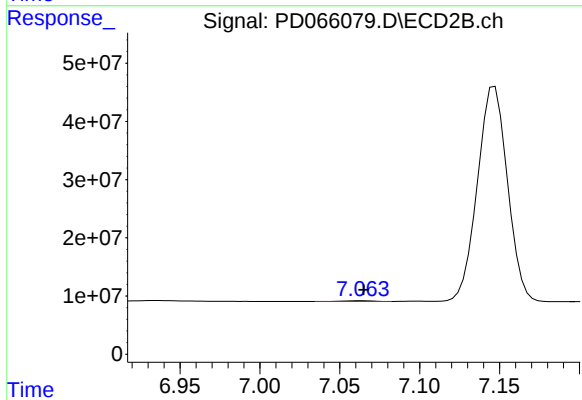
#18 Endrin aldehyde

R.T.: 6.481 min
Delta R.T.: 0.000 min
Response: 985706
Conc: 1.11 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

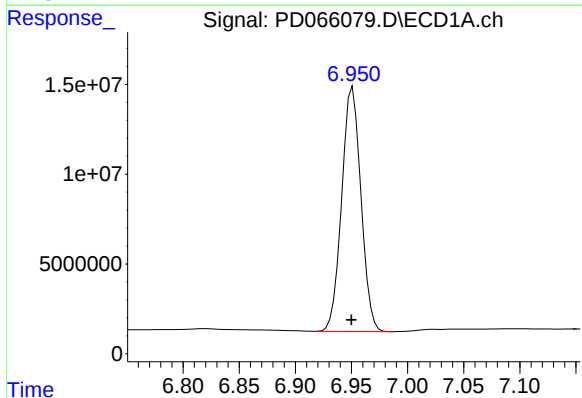
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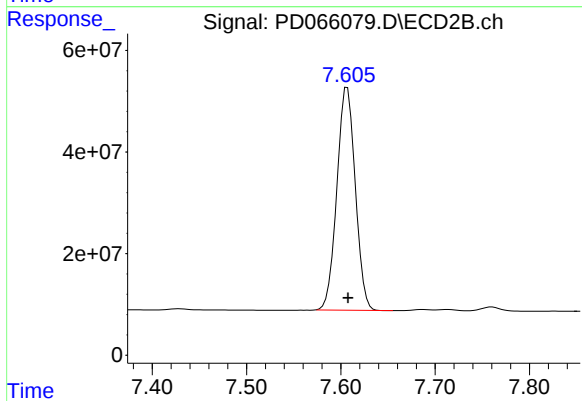
#18 Endrin aldehyde

R.T.: 7.064 min
Delta R.T.: -0.001 min
Response: 1547939
Conc: 0.40 ng/ml



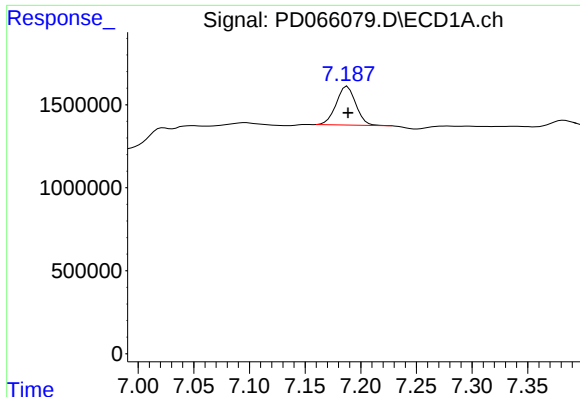
#20 Methoxychlor

R.T.: 6.951 min
Delta R.T.: 0.001 min
Response: 162284356
Conc: 237.48 ng/ml



#20 Methoxychlor

R.T.: 7.607 min
Delta R.T.: 0.000 min
Response: 595141286
Conc: 226.15 ng/ml



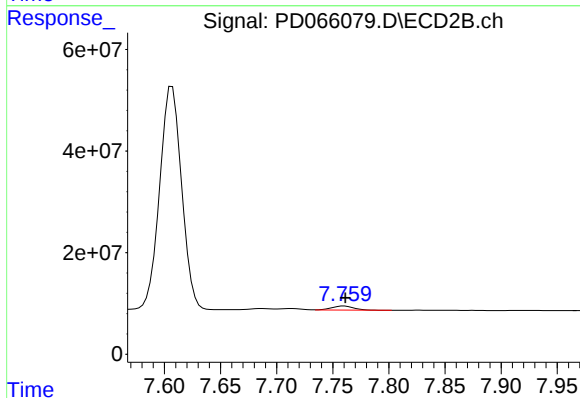
#21 Endrin ketone

R.T.: 7.188 min
Delta R.T.: 0.000 min
Response: 2864686
Conc: 2.03 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

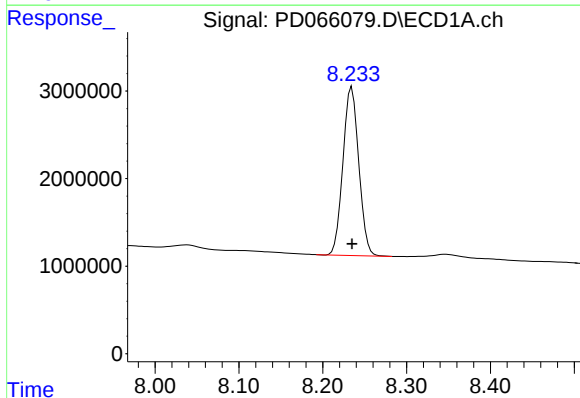
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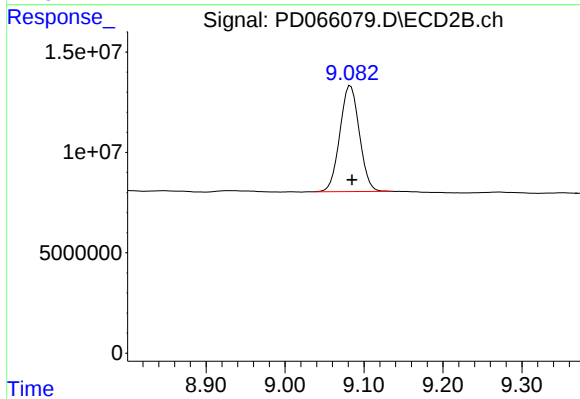
#21 Endrin ketone

R.T.: 7.760 min
Delta R.T.: -0.002 min
Response: 11042503
Conc: 1.94 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.235 min
Delta R.T.: 0.000 min
Response: 25279207
Conc: 18.51 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.083 min
Delta R.T.: -0.002 min
Response: 90617128
Conc: 23.41 ng/ml