

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD102921\
 Data File : PD066596.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 28 Oct 2021 10:13
 Operator : AJ\MA
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 10/29/2021
 Supervised By : mohammad ahmed 10/29/2021

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 29 02:02:42 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD102821.M
 Quant Title : GC Extractables
 QLast Update : Thu Oct 28 02:17:57 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...	3.440	3.969	38722211	178.2E6	20.753	22.019
28)	SA Decachlor...	8.166	9.023	24888327	117.5E6	21.541	21.822
Target Compounds							
2)	A alpha-BHC	3.876	4.362	29654995	125.0E6	9.700	11.334
3)	MA gamma-BHC...	4.158	4.647	30772440	115.1E6	10.190	11.550
6)	B beta-BHC	4.407	4.824	15331085	55997819	12.273	12.026
12)	B 4,4'-DDE	5.584	6.304	711573	2769893	0.305m	0.351
14)	MA Endrin	5.973	6.672	102.1E6	332.8E6	48.785	48.358
16)	A 4,4'-DDD	6.099	6.799	3206298	12976122	1.710	1.910
17)	MA 4,4'-DDT	6.338	7.095	193.8E6	645.3E6	100.777	88.970
18)	B Endrin al...	6.415	7.012	4112851	9044668	2.661	1.590 #
20)	A Methoxychlor	6.885	7.557	229.7E6	808.2E6	222.439	198.383
21)	B Endrin ke...	7.117	7.706	8083937	25347019	3.705	3.014

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

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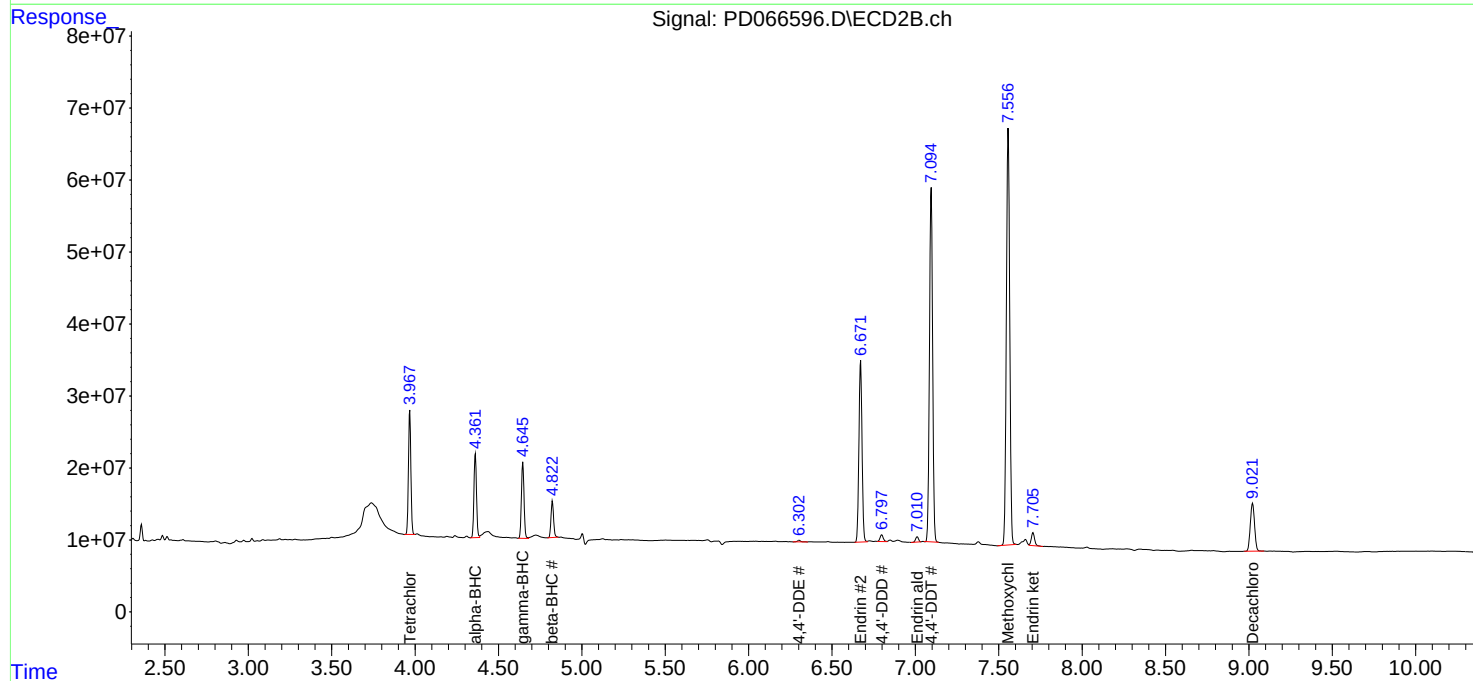
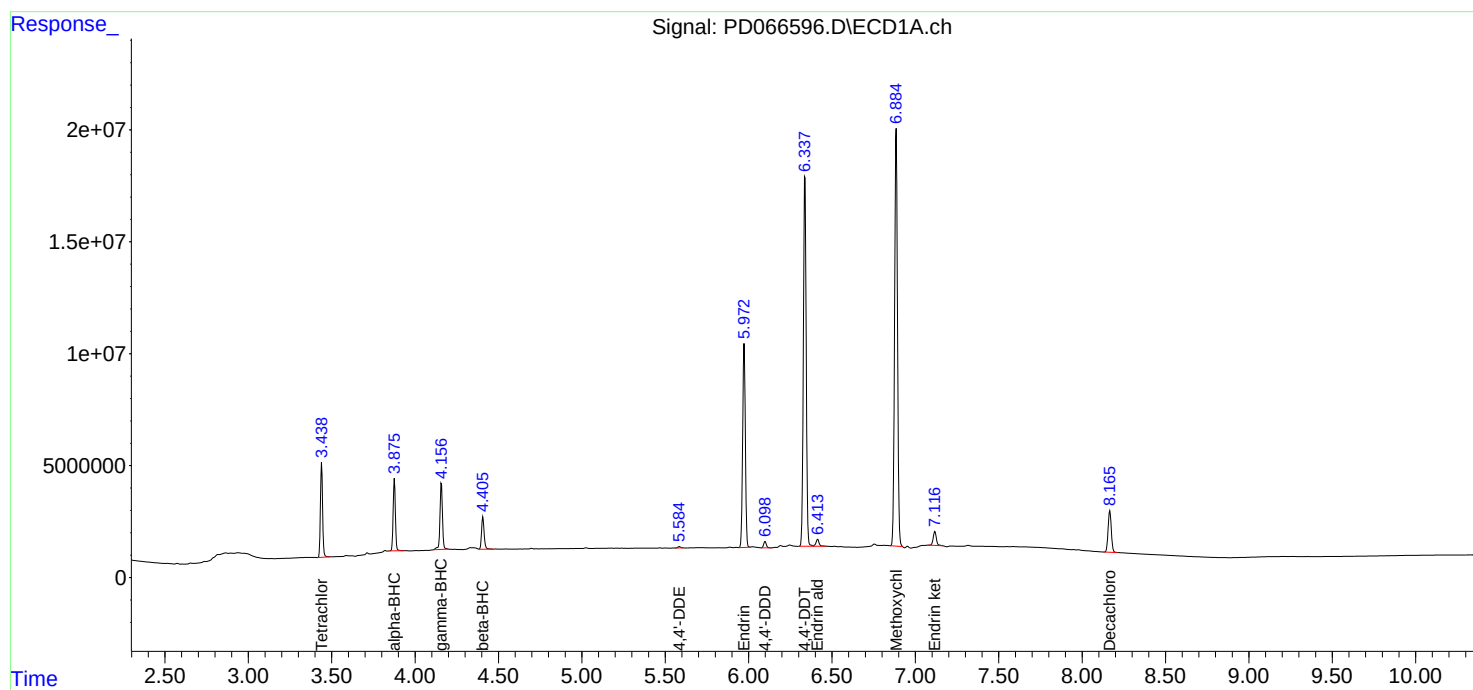
Instrument :
ECD_D
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PEM

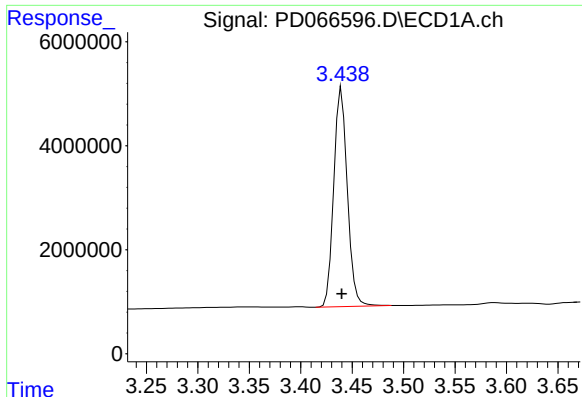
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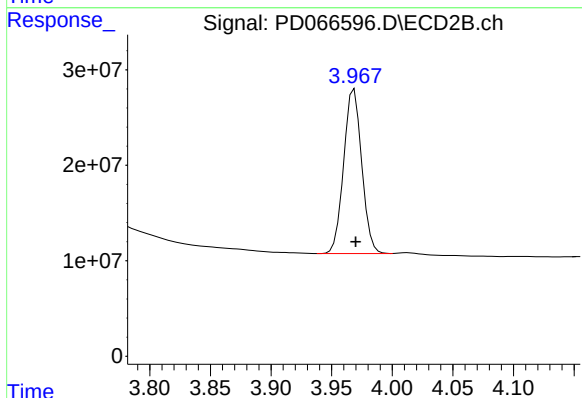
#1 Tetrachloro-m-xylene

R.T.: 3.440 min
Delta R.T.: 0.000 min
Response: 38722211
Conc: 20.75 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

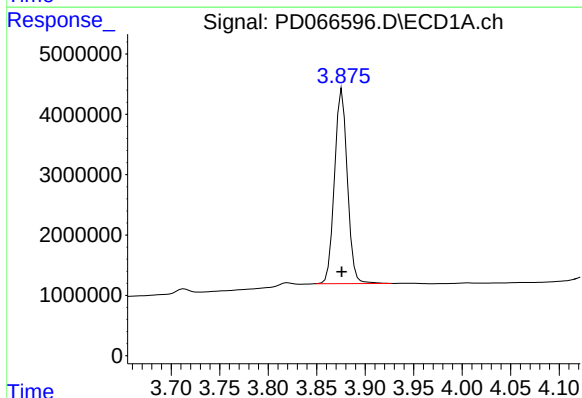
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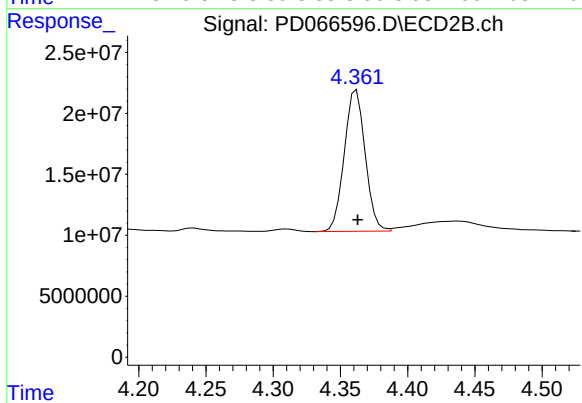
#1 Tetrachloro-m-xylene

R.T.: 3.969 min
Delta R.T.: -0.001 min
Response: 178184332
Conc: 22.02 ng/ml



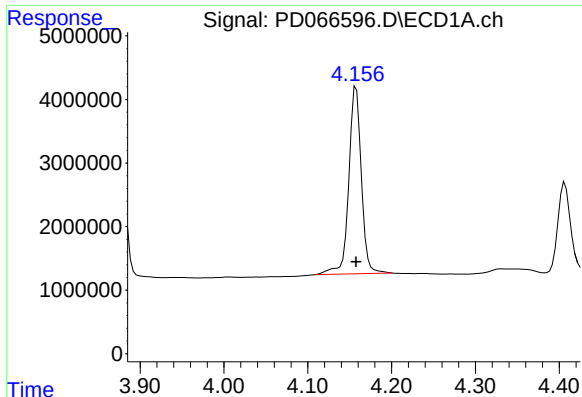
#2 alpha-BHC

R.T.: 3.876 min
Delta R.T.: 0.000 min
Response: 29654995
Conc: 9.70 ng/ml



#2 alpha-BHC

R.T.: 4.362 min
Delta R.T.: 0.000 min
Response: 125042157
Conc: 11.33 ng/ml



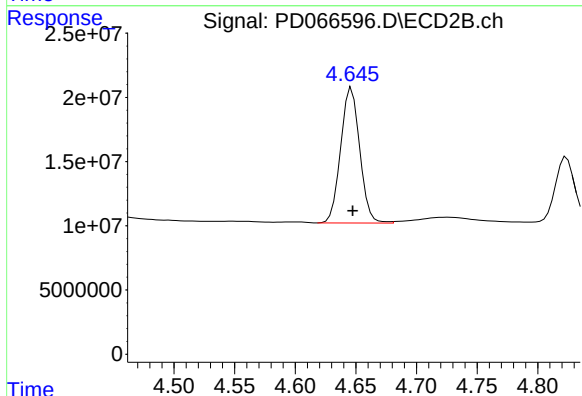
#3 gamma-BHC (Lindane)

R.T.: 4.158 min
Delta R.T.: 0.000 min
Response: 30772440
Conc: 10.19 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

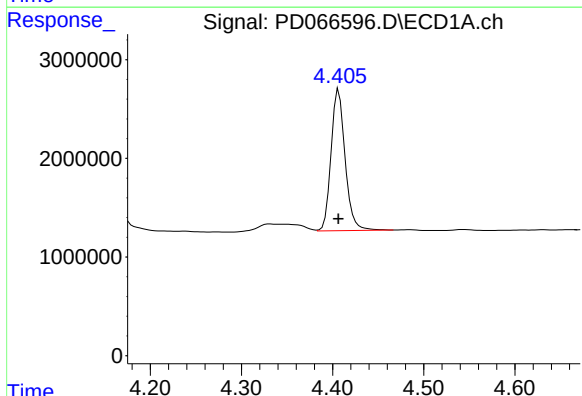
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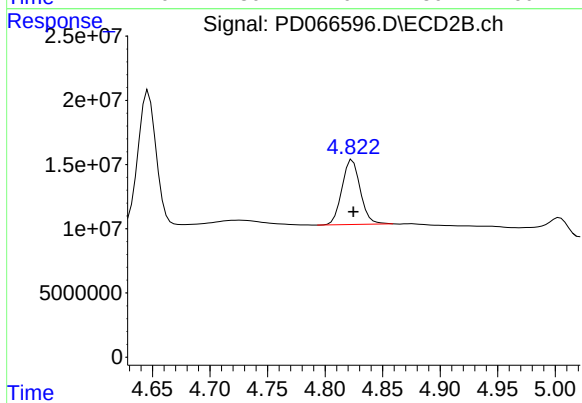
#3 gamma-BHC (Lindane)

R.T.: 4.647 min
Delta R.T.: 0.000 min
Response: 115094612
Conc: 11.55 ng/ml



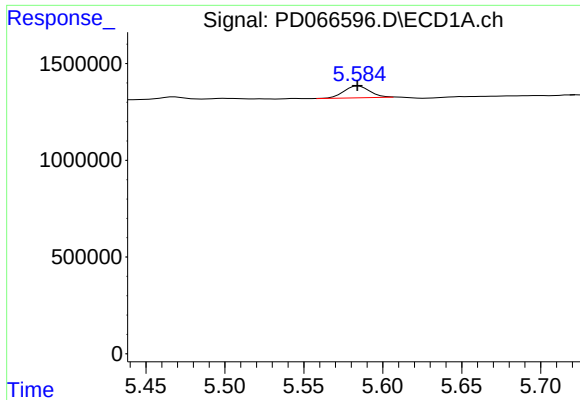
#6 beta-BHC

R.T.: 4.407 min
Delta R.T.: 0.000 min
Response: 15331085
Conc: 12.27 ng/ml



#6 beta-BHC

R.T.: 4.824 min
Delta R.T.: -0.001 min
Response: 55997819
Conc: 12.03 ng/ml



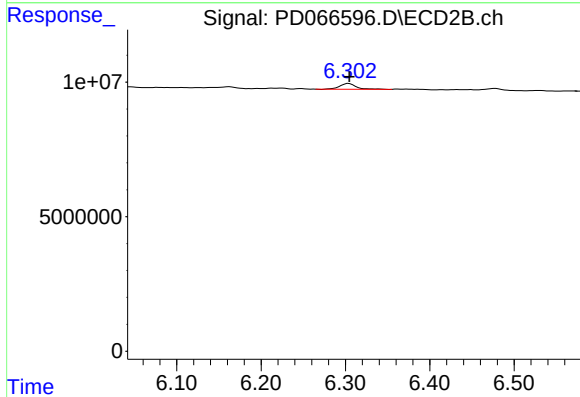
#12 4,4'-DDE

R.T.: 5.584 min
Delta R.T.: 0.000 min
Response: 711573
Conc: 0.31 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

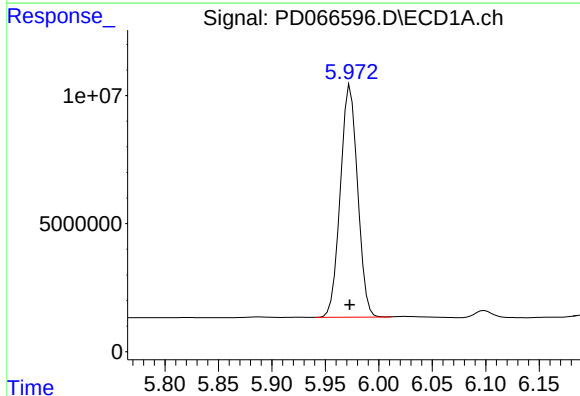
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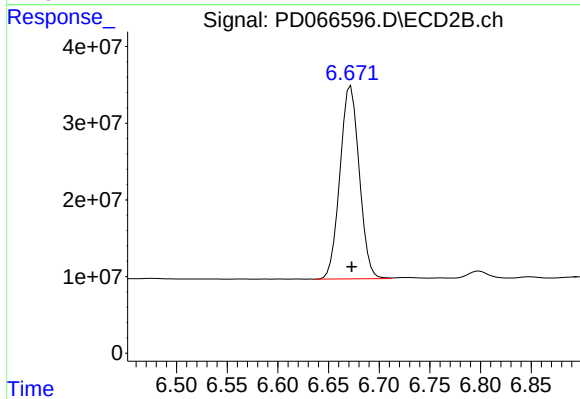
#12 4,4'-DDE

R.T.: 6.304 min
Delta R.T.: 0.000 min
Response: 2769893
Conc: 0.35 ng/ml



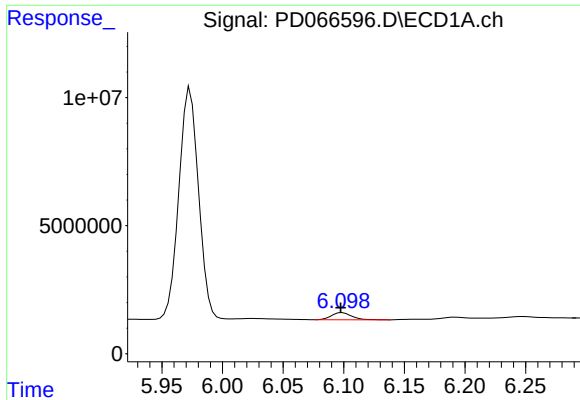
#14 Endrin

R.T.: 5.973 min
Delta R.T.: 0.000 min
Response: 102099250
Conc: 48.79 ng/ml



#14 Endrin

R.T.: 6.672 min
Delta R.T.: 0.000 min
Response: 332827837
Conc: 48.36 ng/ml



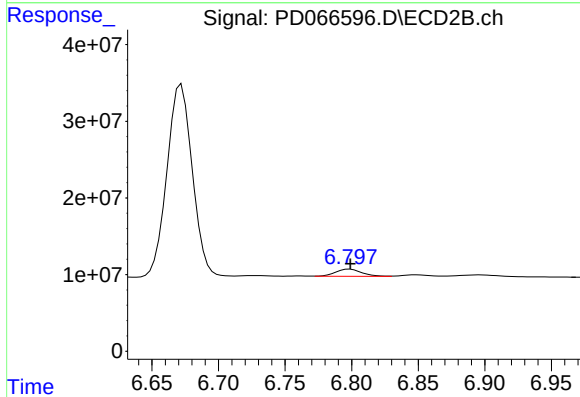
#16 4,4'-DDD

R.T.: 6.099 min
Delta R.T.: 0.002 min
Response: 3206298
Conc: 1.71 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

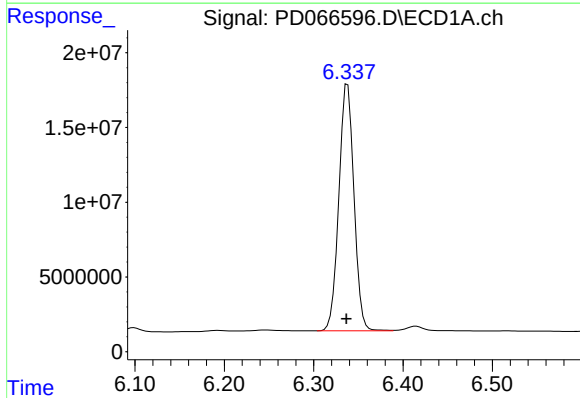
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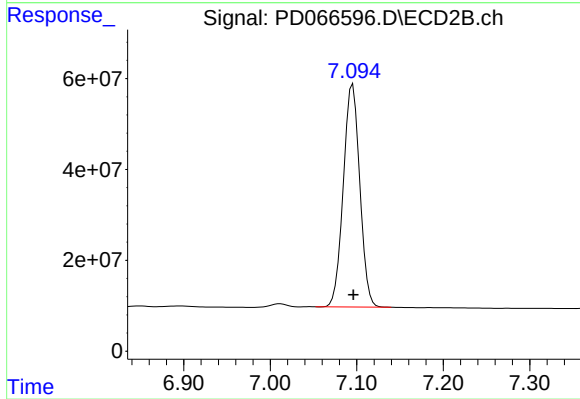
#16 4,4'-DDD

R.T.: 6.799 min
Delta R.T.: 0.000 min
Response: 12976122
Conc: 1.91 ng/ml



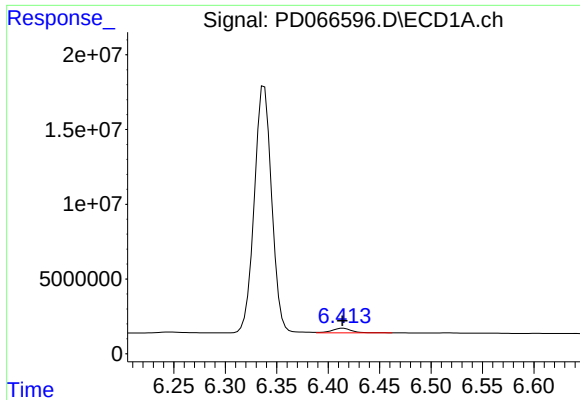
#17 4,4'-DDT

R.T.: 6.338 min
Delta R.T.: 0.001 min
Response: 193842029
Conc: 100.78 ng/ml



#17 4,4'-DDT

R.T.: 7.095 min
Delta R.T.: 0.000 min
Response: 645304107
Conc: 88.97 ng/ml



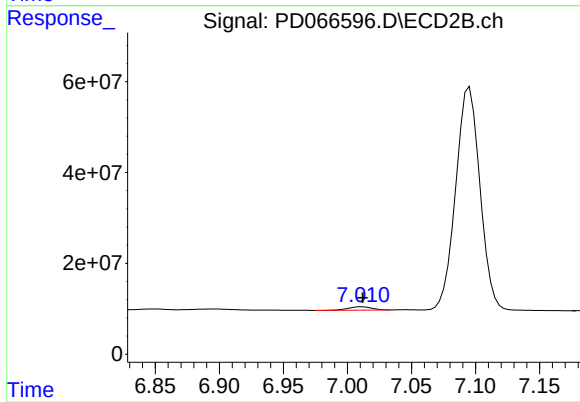
#18 Endrin aldehyde

R.T.: 6.415 min
Delta R.T.: 0.000 min
Response: 4112851
Conc: 2.66 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

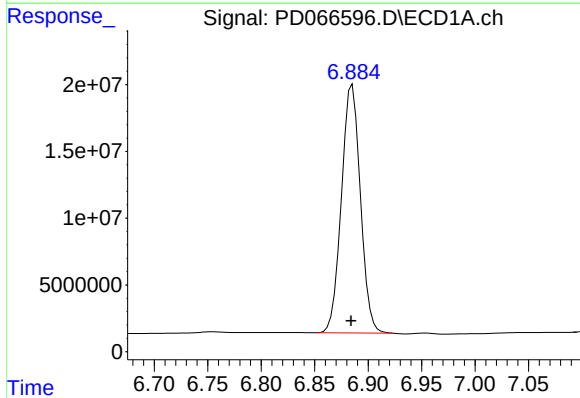
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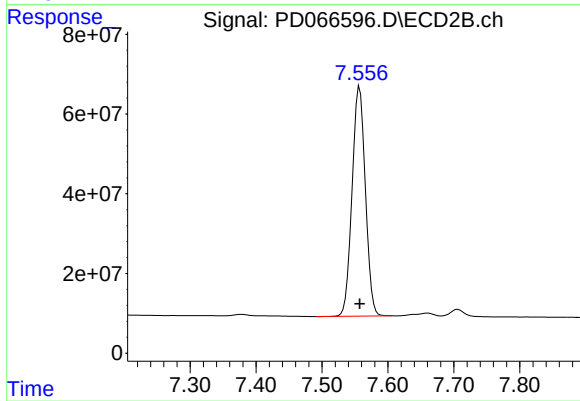
#18 Endrin aldehyde

R.T.: 7.012 min
Delta R.T.: 0.000 min
Response: 9044668
Conc: 1.59 ng/ml



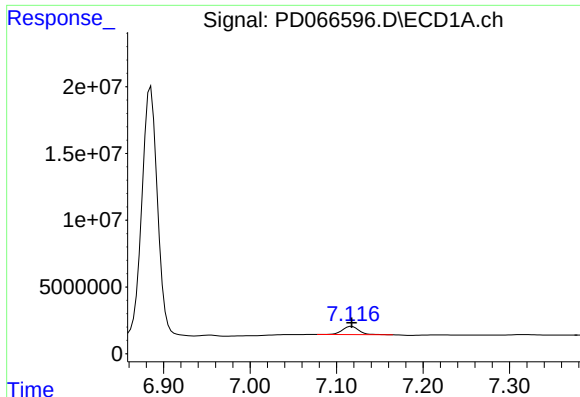
#20 Methoxychlor

R.T.: 6.885 min
Delta R.T.: 0.001 min
Response: 229711420
Conc: 222.44 ng/ml



#20 Methoxychlor

R.T.: 7.557 min
Delta R.T.: 0.000 min
Response: 808167613
Conc: 198.38 ng/ml



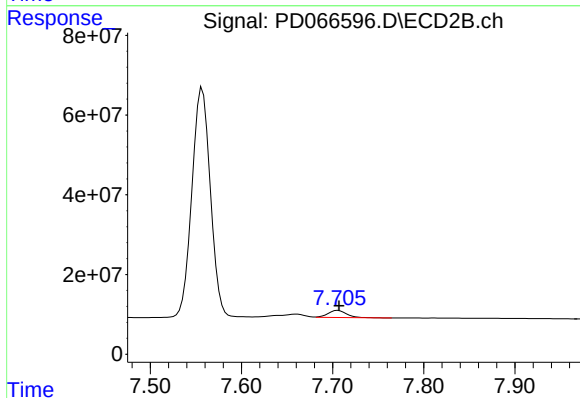
#21 Endrin ketone

R.T.: 7.117 min
Delta R.T.: 0.000 min
Response: 8083937
Conc: 3.70 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

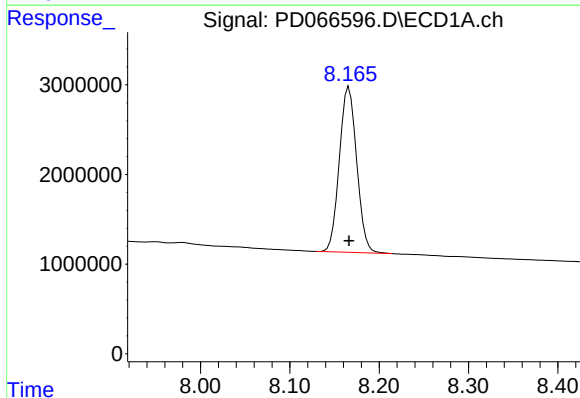
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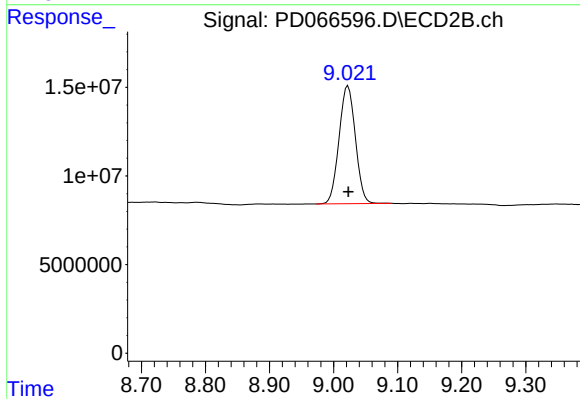
#21 Endrin ketone

R.T.: 7.706 min
Delta R.T.: -0.001 min
Response: 25347019
Conc: 3.01 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.166 min
Delta R.T.: 0.000 min
Response: 24888327
Conc: 21.54 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.023 min
Delta R.T.: 0.000 min
Response: 117539395
Conc: 21.82 ng/ml