

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD051421\
 Data File : PD062905.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 13 May 2021 09:51
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PEM

Manual Integrations
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Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 13 10:47:55 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD050621.M
 Quant Title : GC Extractables
 QLast Update : Thu May 06 08:49:38 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 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...	3.441	3.970	21088324	230.2E6	23.716	19.888
28)	SA Decachlor...	8.199	9.027	23324199	221.8E6	22.031	19.221
Target Compounds							
2)	A alpha-BHC	3.877	4.359	15276011	198.0E6	10.985	10.286
3)	MA gamma-BHC...	4.160	4.643	15017363	172.7E6	11.492	9.995
6)	B beta-BHC	4.412	4.813	7205263	75893731	12.026	9.952
12)	B 4,4'-DDE	5.601	6.304	299800	3566062	0.261m	0.225
14)	MA Endrin	5.993	6.672	59526514	614.3E6	53.561	43.690
16)	A 4,4'-DDD	6.119	6.795	1139818	16904081	1.197	1.308
17)	MA 4,4'-DDT	6.360	7.093	114.9E6	1116.9E6	119.683	87.683 #
18)	B Endrin al...	6.432	7.006	640844	3719598	0.687m	0.319 #
20)	A Methoxychlor	6.907	7.552	152.4E6	1335.4E6	258.954	200.058
21)	B Endrin ke...	7.139	7.698	2258069	23258599	1.811	1.714

(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

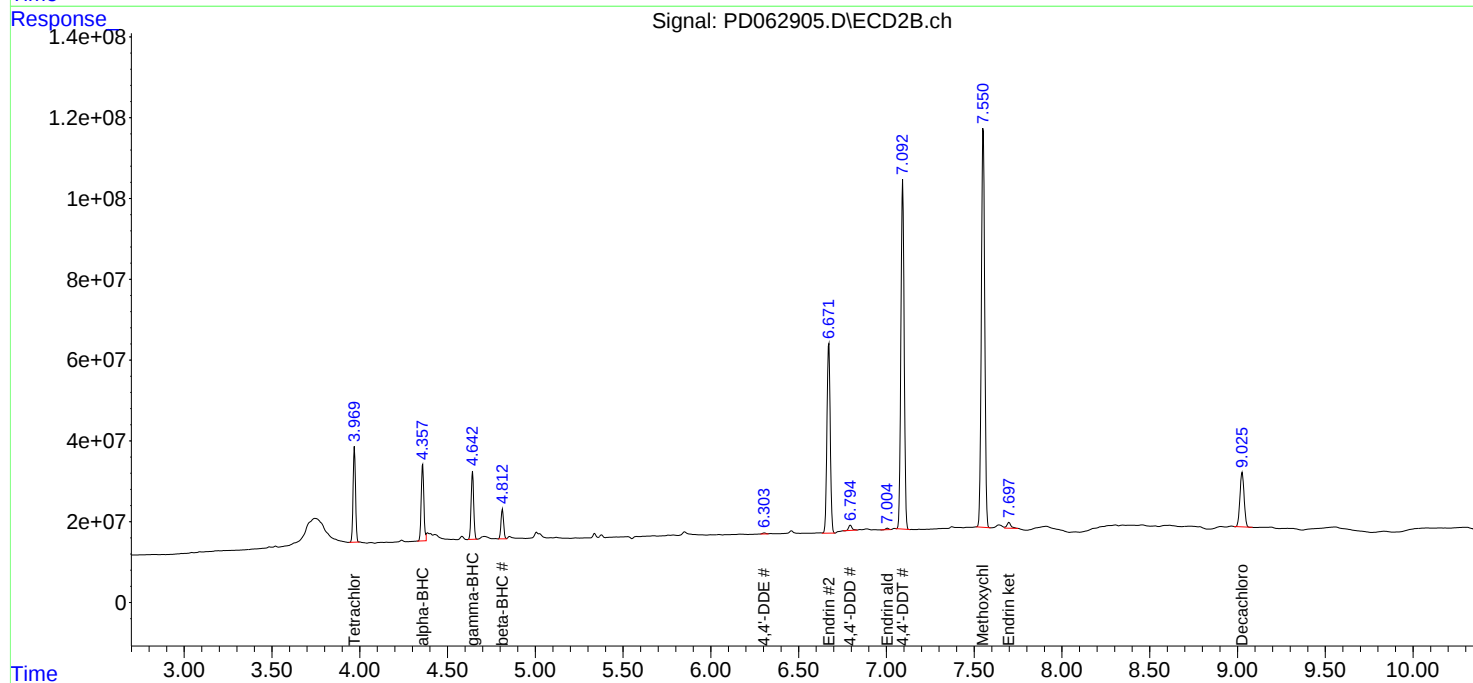
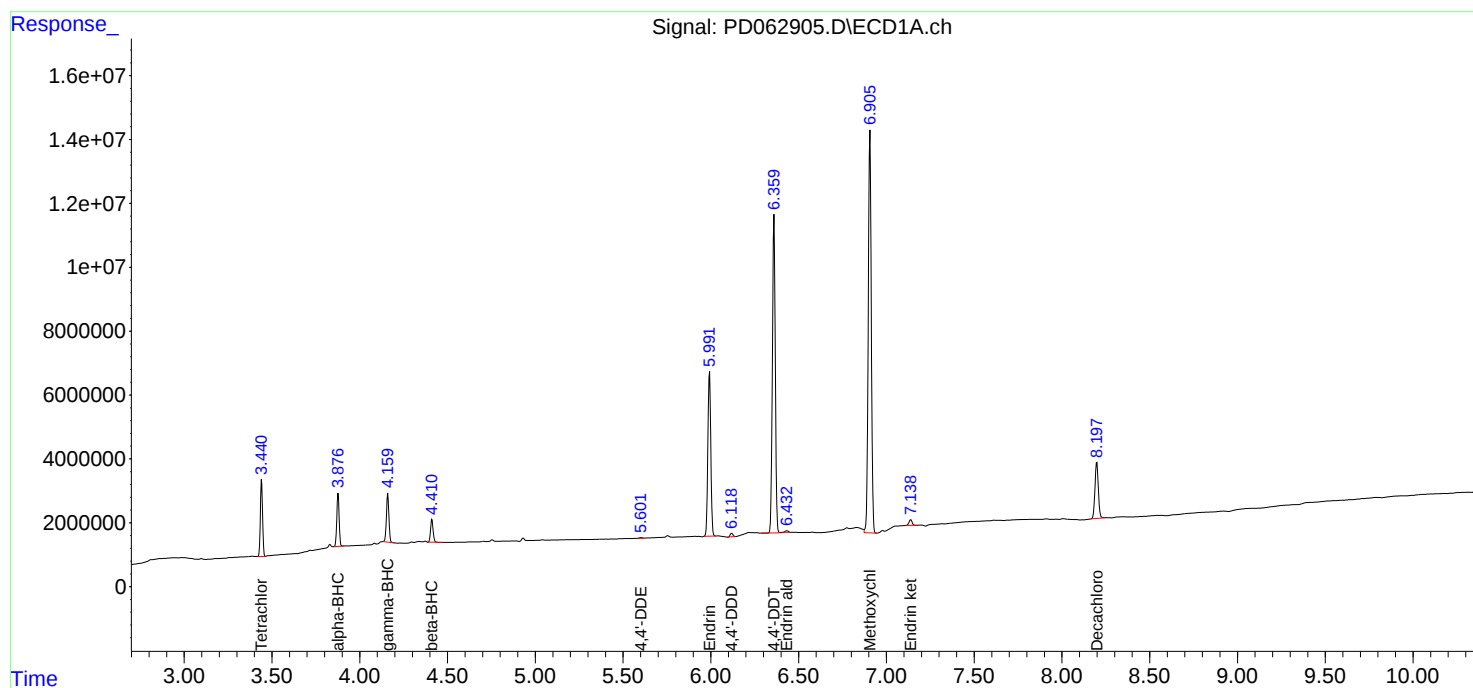
Instrument :
ECD_D
ClientSampled :
PEM

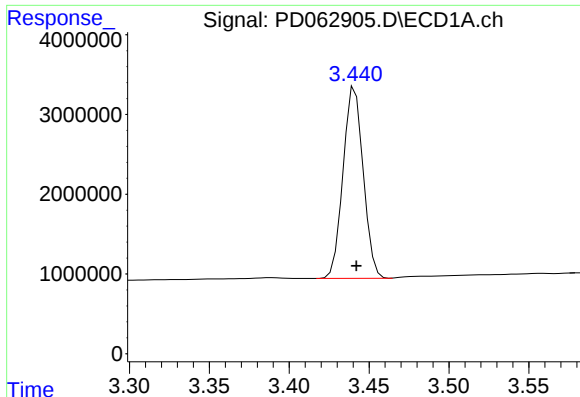
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Integration File signal 1: autoint1.e
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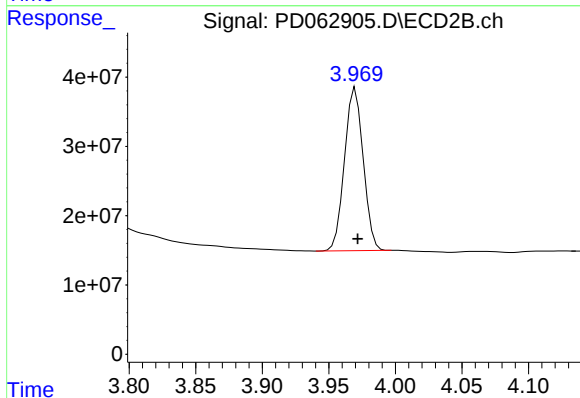
#1 Tetrachloro-m-xylene

R.T.: 3.441 min
Delta R.T.: 0.000 min
Response: 21088324
Conc: 23.72 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

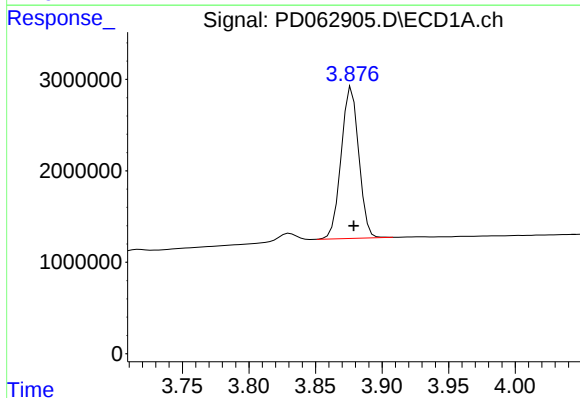
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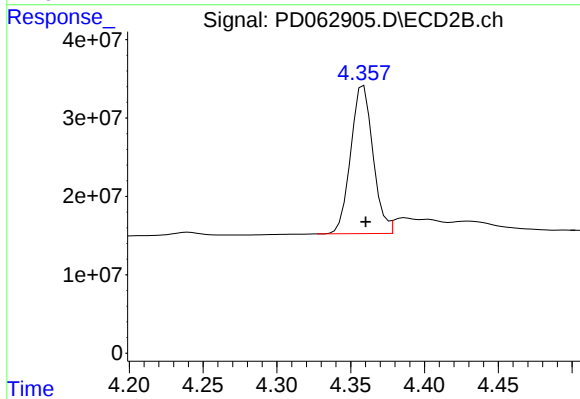
#1 Tetrachloro-m-xylene

R.T.: 3.970 min
Delta R.T.: -0.002 min
Response: 230238895
Conc: 19.89 ng/ml



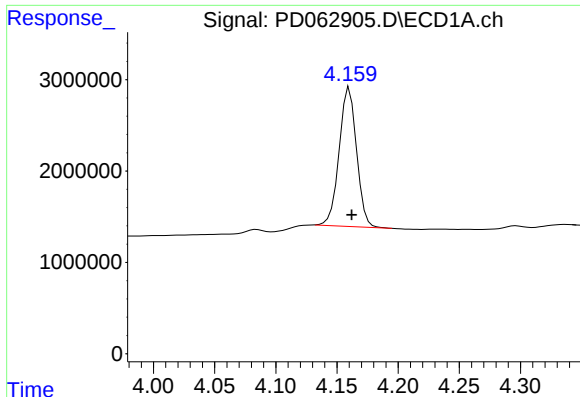
#2 alpha-BHC

R.T.: 3.877 min
Delta R.T.: -0.002 min
Response: 15276011
Conc: 10.99 ng/ml



#2 alpha-BHC

R.T.: 4.359 min
Delta R.T.: -0.001 min
Response: 198029456
Conc: 10.29 ng/ml



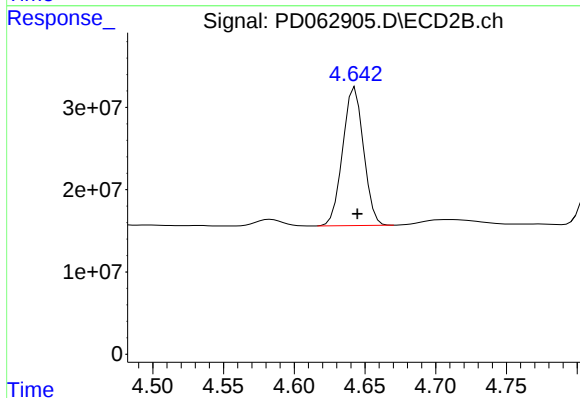
#3 gamma-BHC (Lindane)

R.T.: 4.160 min
Delta R.T.: -0.002 min
Response: 15017363
Conc: 11.49 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

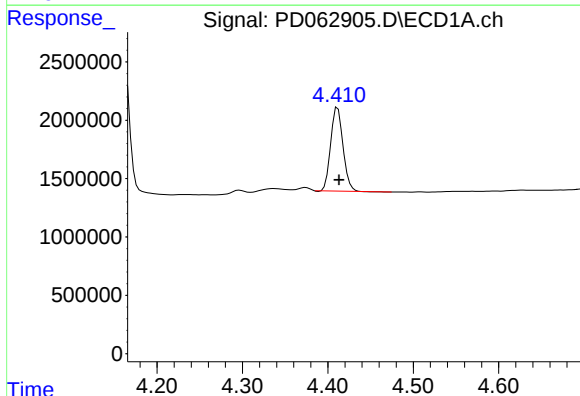
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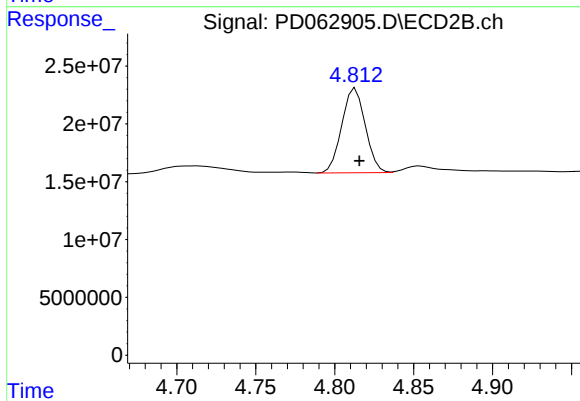
#3 gamma-BHC (Lindane)

R.T.: 4.643 min
Delta R.T.: -0.002 min
Response: 172749246
Conc: 9.99 ng/ml



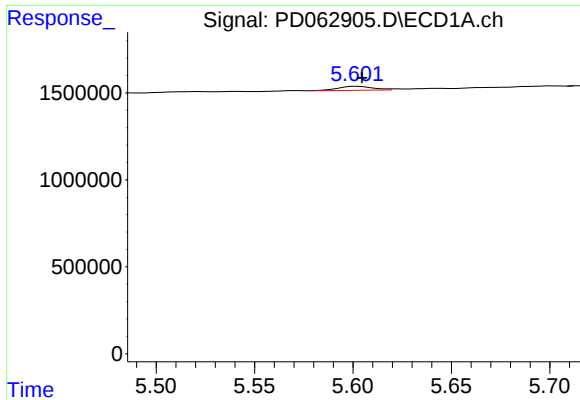
#6 beta-BHC

R.T.: 4.412 min
Delta R.T.: -0.002 min
Response: 7205263
Conc: 12.03 ng/ml



#6 beta-BHC

R.T.: 4.813 min
Delta R.T.: -0.002 min
Response: 75893731
Conc: 9.95 ng/ml



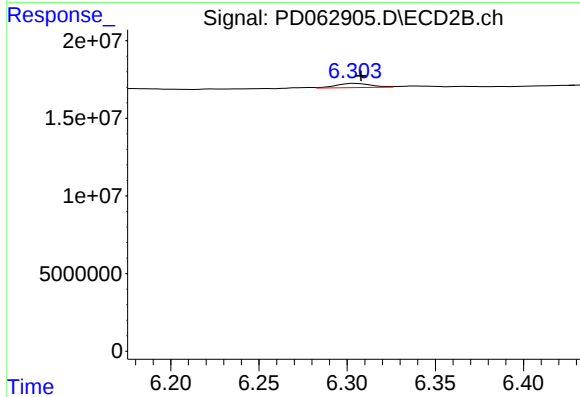
#12 4,4'-DDE

R.T.: 5.601 min
Delta R.T.: -0.004 min
Response: 299800
Conc: 0.26 ng/ml m

Instrument :
ECD_D
ClientSampleId :
PEM

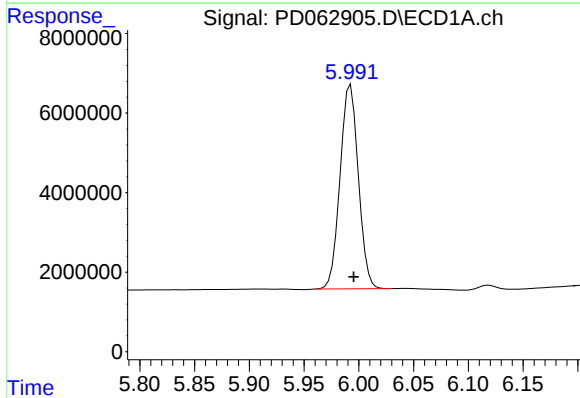
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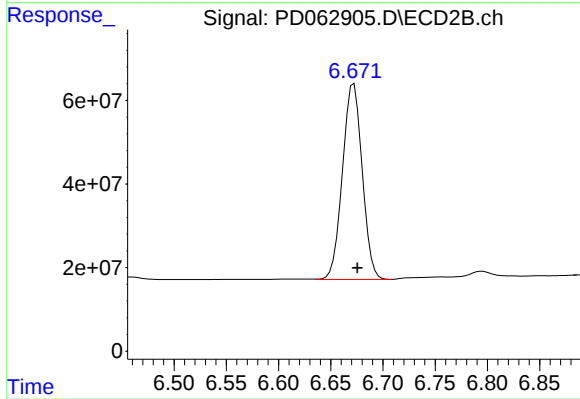
#12 4,4'-DDE

R.T.: 6.304 min
Delta R.T.: -0.004 min
Response: 3566062
Conc: 0.23 ng/ml



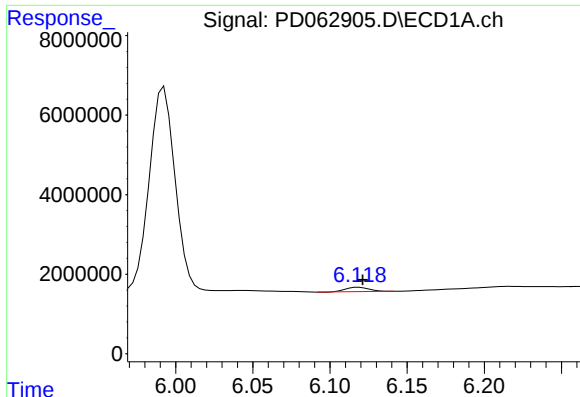
#14 Endrin

R.T.: 5.993 min
Delta R.T.: -0.003 min
Response: 59526514
Conc: 53.56 ng/ml



#14 Endrin

R.T.: 6.672 min
Delta R.T.: -0.003 min
Response: 614251343
Conc: 43.69 ng/ml



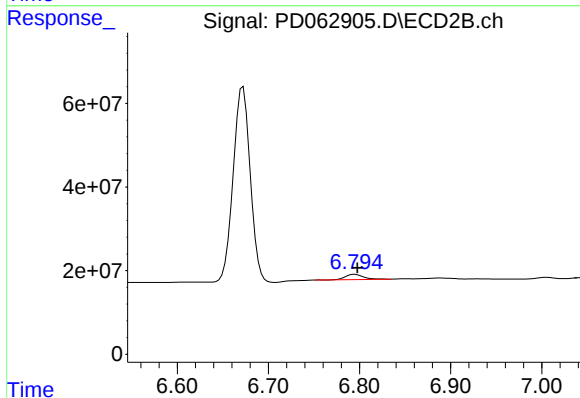
#16 4,4'-DDD

R.T.: 6.119 min
Delta R.T.: -0.002 min
Response: 1139818
Conc: 1.20 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

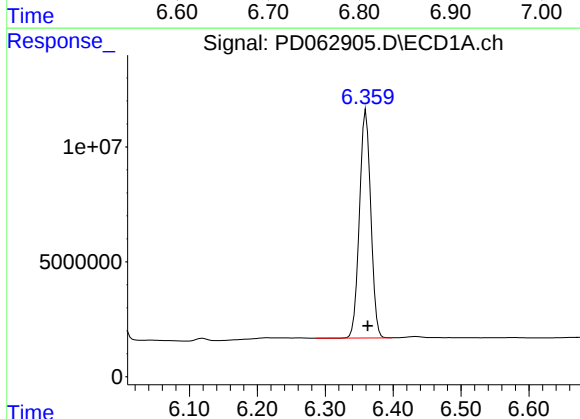
Manual Integrations
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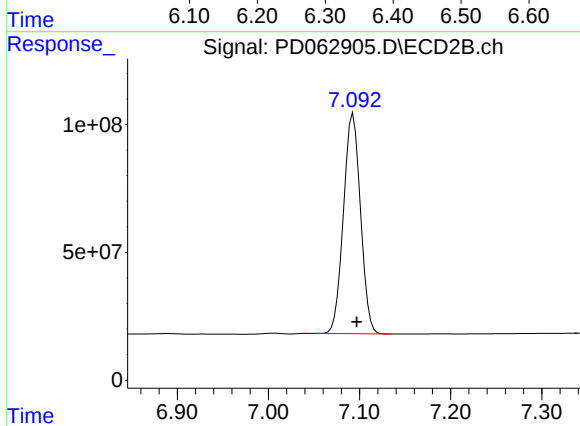
#16 4,4'-DDD

R.T.: 6.795 min
Delta R.T.: -0.003 min
Response: 16904081
Conc: 1.31 ng/ml



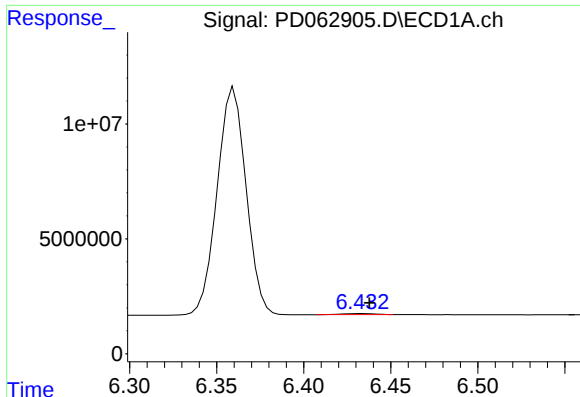
#17 4,4'-DDT

R.T.: 6.360 min
Delta R.T.: -0.003 min
Response: 114903043
Conc: 119.68 ng/ml



#17 4,4'-DDT

R.T.: 7.093 min
Delta R.T.: -0.004 min
Response: 1116929967
Conc: 87.68 ng/ml



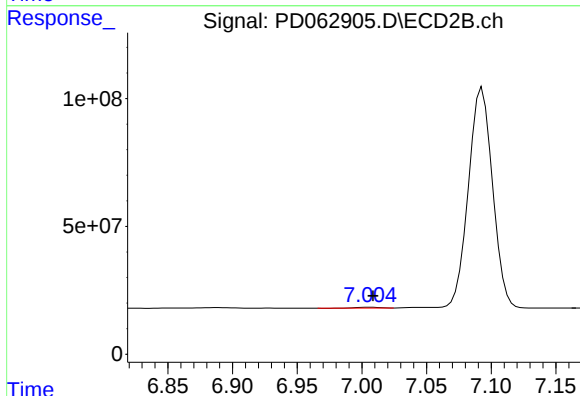
#18 Endrin aldehyde

R.T.: 6.432 min
Delta R.T.: -0.006 min
Response: 640844
Conc: 0.69 ng/ml m

Instrument :
ECD_D
ClientSampleId :
PEM

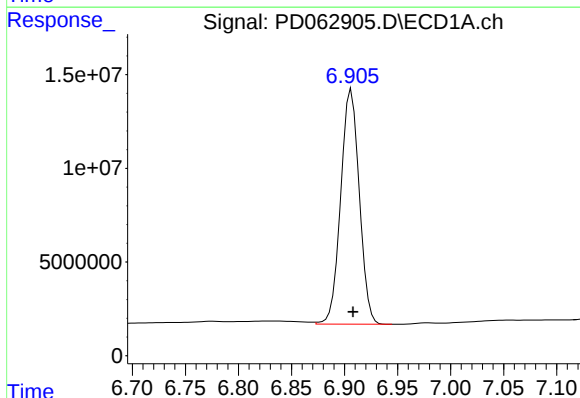
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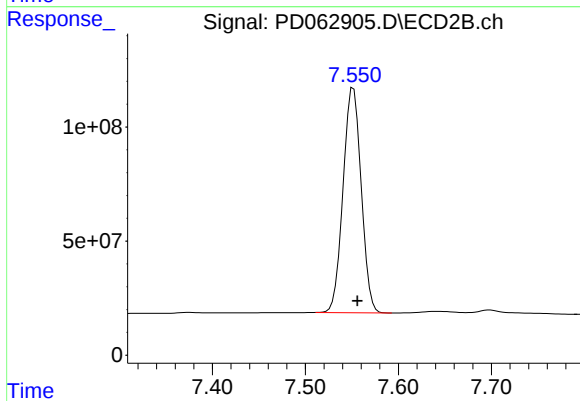
#18 Endrin aldehyde

R.T.: 7.006 min
Delta R.T.: -0.003 min
Response: 3719598
Conc: 0.32 ng/ml



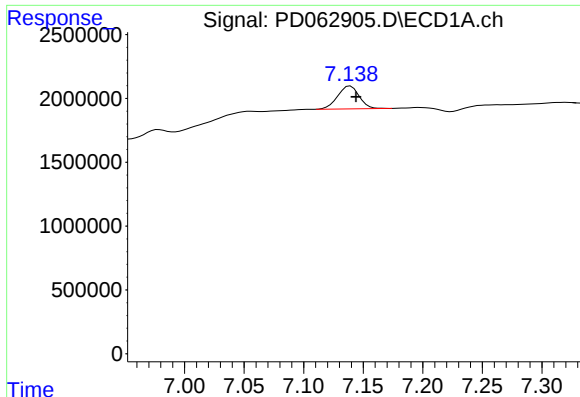
#20 Methoxychlor

R.T.: 6.907 min
Delta R.T.: -0.001 min
Response: 152440907
Conc: 258.95 ng/ml



#20 Methoxychlor

R.T.: 7.552 min
Delta R.T.: -0.004 min
Response: 1335372537
Conc: 200.06 ng/ml



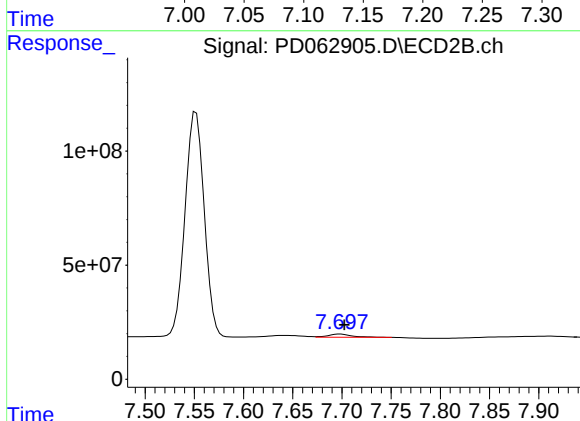
#21 Endrin ketone

R.T.: 7.139 min
Delta R.T.: -0.005 min
Response: 2258069
Conc: 1.81 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

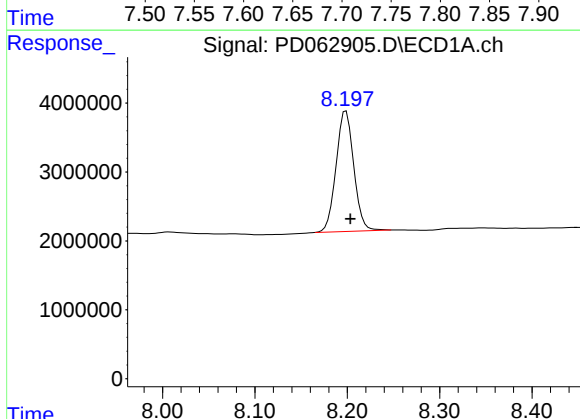
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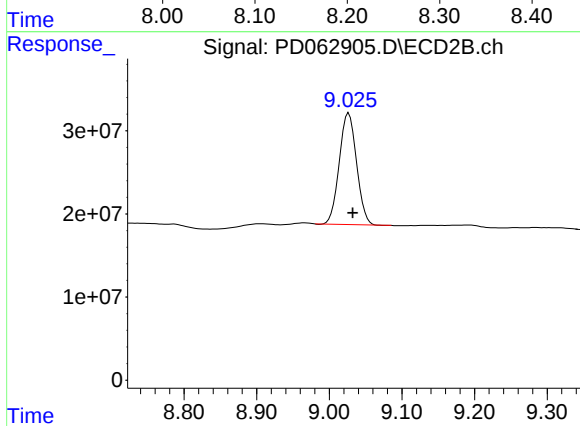
#21 Endrin ketone

R.T.: 7.698 min
Delta R.T.: -0.004 min
Response: 23258599
Conc: 1.71 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.199 min
Delta R.T.: -0.005 min
Response: 23324199
Conc: 22.03 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.027 min
Delta R.T.: -0.005 min
Response: 221792564
Conc: 19.22 ng/ml