

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD040721\
 Data File : PD062001.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 07 Apr 2021 11:28
 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: Apr 08 02:35:29 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD032921.M
 Quant Title : GC Extractables
 QLast Update : Tue Mar 30 04:47:56 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...	3.485	3.981	19304245	206.6E6	23.055	23.781
28)	SA Decachlor...	8.258	9.039	27055329	189.7E6	21.989	20.091
Target Compounds							
2)	A alpha-BHC	3.924	4.370	13827437	154.9E6	10.948	11.513
3)	MA gamma-BHC...	4.209	4.654	13666326	150.6E6	11.511	12.073
6)	B beta-BHC	4.459	4.823	6897942	64852156	12.649	12.556
12)	B 4,4'-DDE	5.655	6.316	350178	3984802	0.312m	0.346
14)	MA Endrin	6.050	6.683	53347824	490.4E6	51.920	49.555
16)	A 4,4'-DDD	6.174	6.804	1601444	16300221	1.721	1.721m
17)	MA 4,4'-DDT	6.416	7.104	105.9E6	948.5E6	117.597	99.299
18)	B Endrin al...	6.491	7.016	1949721	12016774	2.282	1.528 #
20)	A Methoxychlor	6.962	7.562	132.4E6	1082.4E6	280.244	240.102
21)	B Endrin ke...	7.198	7.709	4793757	26013884	3.756	2.565 #

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

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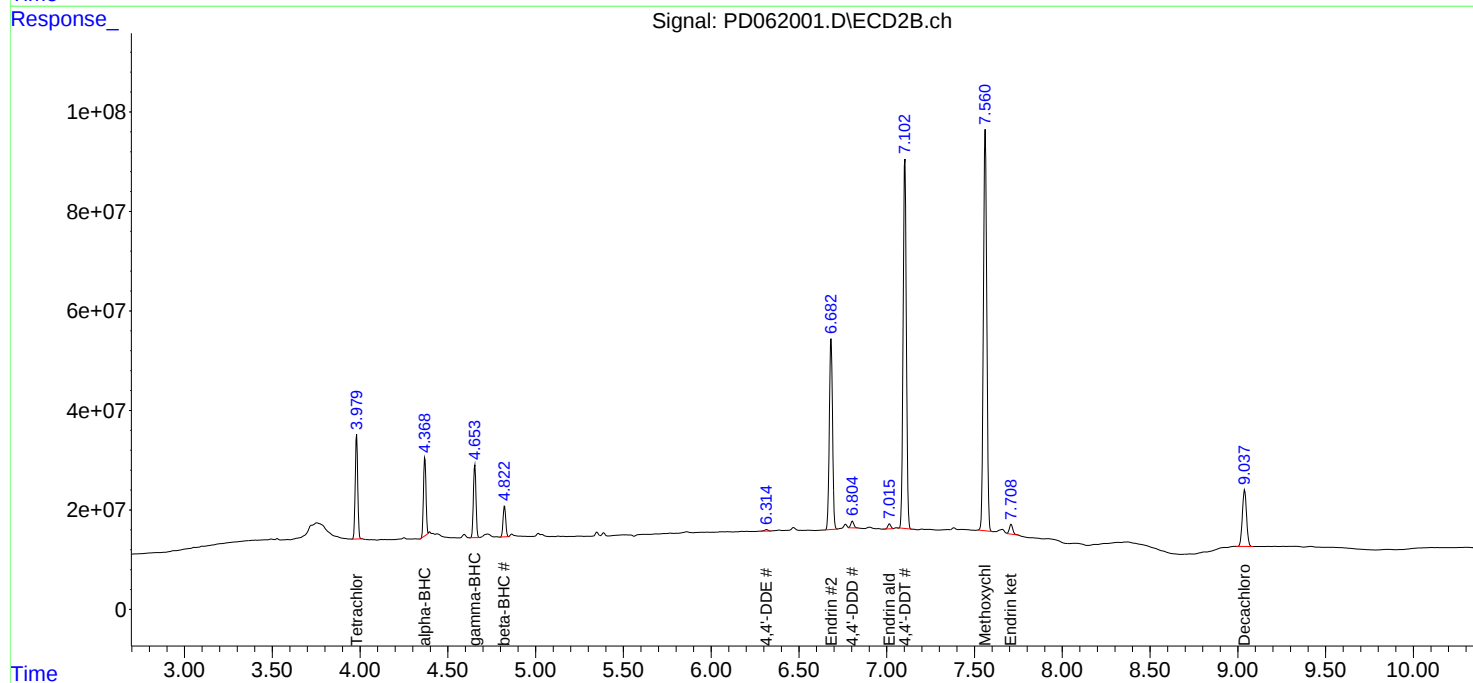
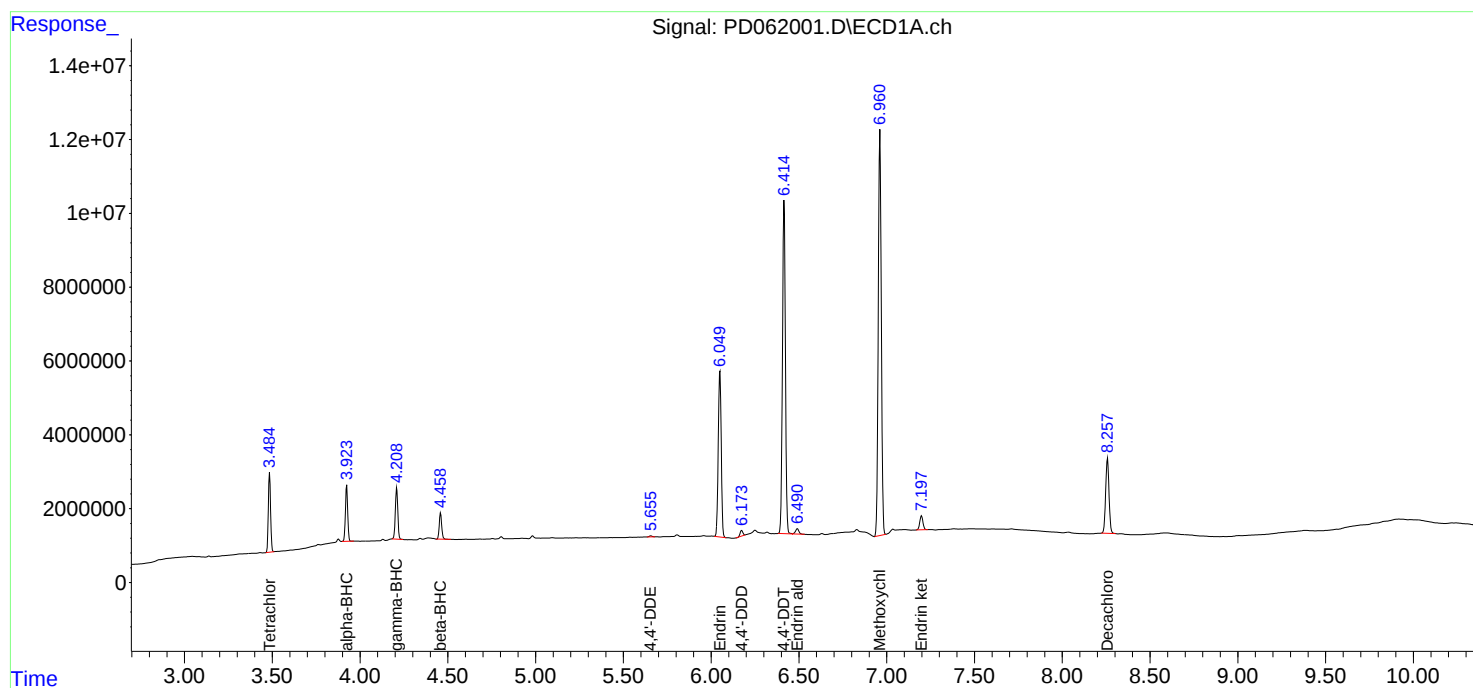
Instrument :
ECD_D
ClientSampleId :
PEM

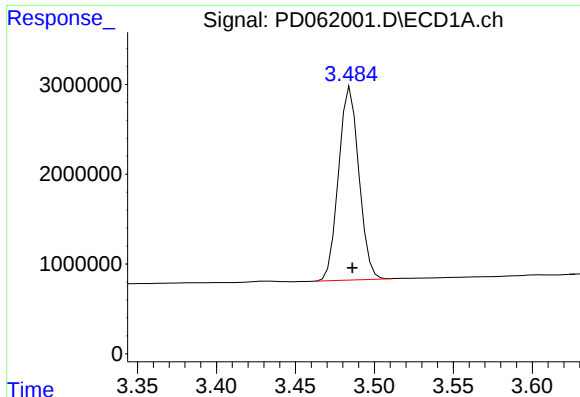
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Integration File signal 1: autoint1.e
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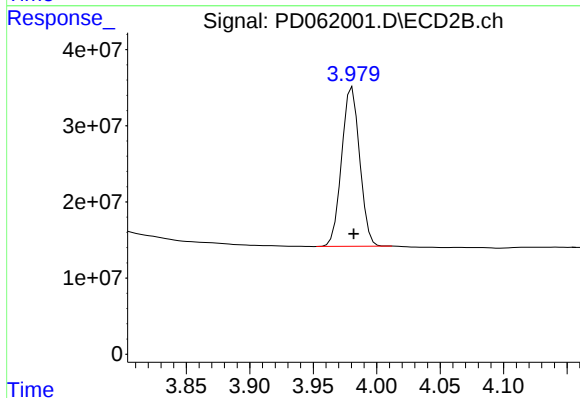
#1 Tetrachloro-m-xylene

R.T.: 3.485 min
Delta R.T.: -0.001 min
Response: 19304245
Conc: 23.06 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

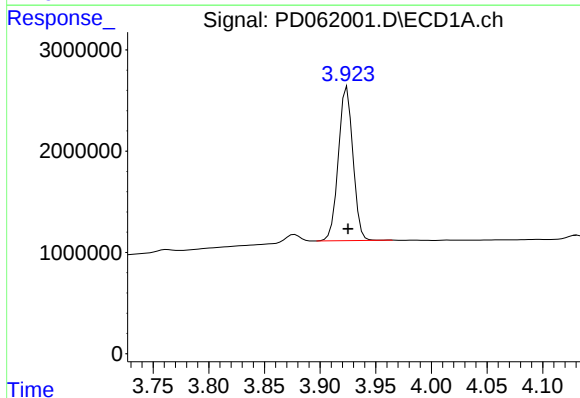
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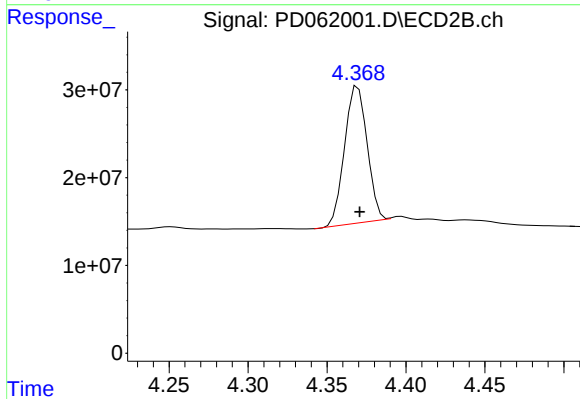
#1 Tetrachloro-m-xylene

R.T.: 3.981 min
Delta R.T.: -0.001 min
Response: 206631054
Conc: 23.78 ng/ml



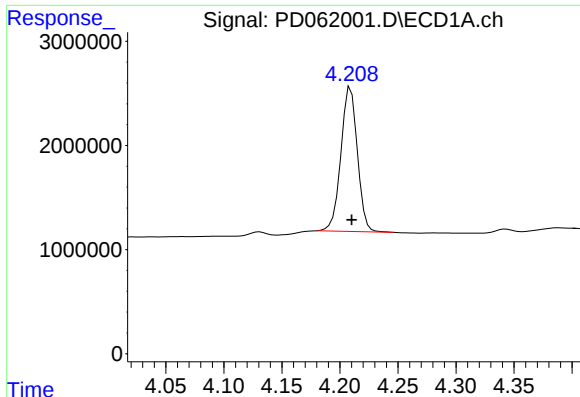
#2 alpha-BHC

R.T.: 3.924 min
Delta R.T.: 0.000 min
Response: 13827437
Conc: 10.95 ng/ml



#2 alpha-BHC

R.T.: 4.370 min
Delta R.T.: -0.001 min
Response: 154855857
Conc: 11.51 ng/ml



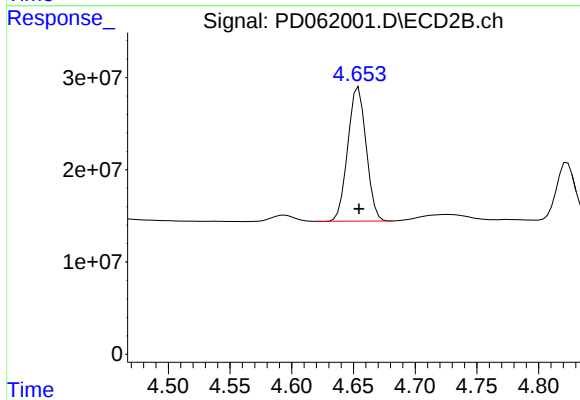
#3 gamma-BHC (Lindane)

R.T.: 4.209 min
Delta R.T.: 0.000 min
Response: 13666326
Conc: 11.51 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

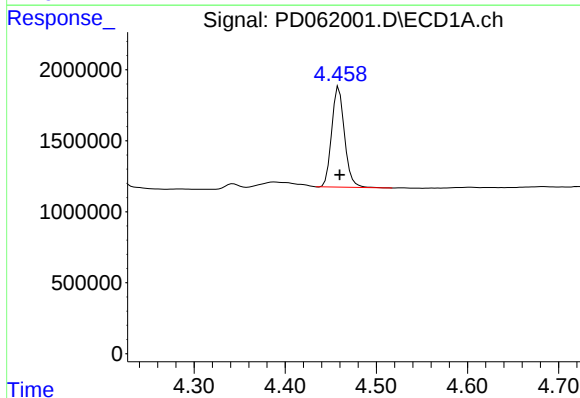
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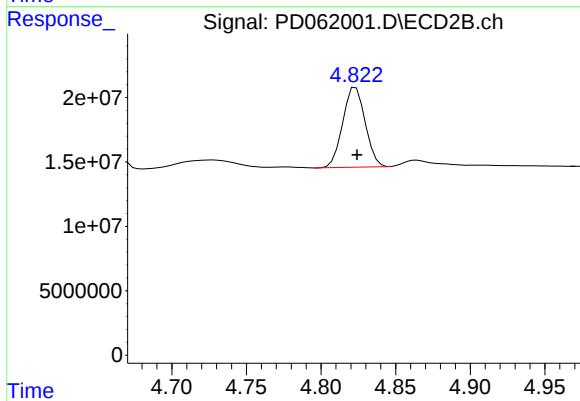
#3 gamma-BHC (Lindane)

R.T.: 4.654 min
Delta R.T.: 0.000 min
Response: 150590782
Conc: 12.07 ng/ml



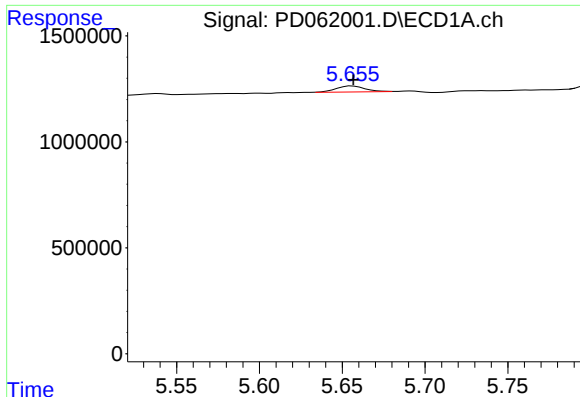
#6 beta-BHC

R.T.: 4.459 min
Delta R.T.: 0.000 min
Response: 6897942
Conc: 12.65 ng/ml



#6 beta-BHC

R.T.: 4.823 min
Delta R.T.: 0.000 min
Response: 64852156
Conc: 12.56 ng/ml



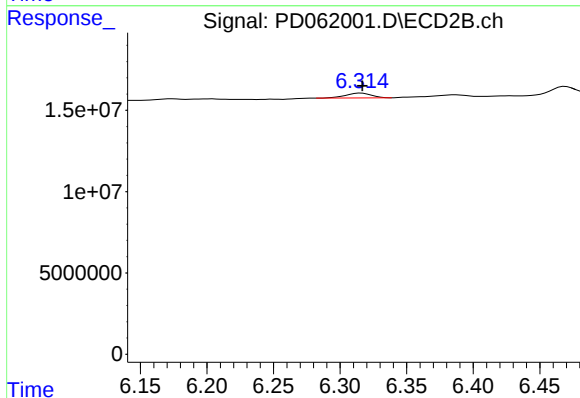
#12 4,4'-DDE

R.T.: 5.655 min
Delta R.T.: -0.002 min
Response: 350178
Conc: 0.31 ng/ml m

Instrument :
ECD_D
ClientSampleId :
PEM

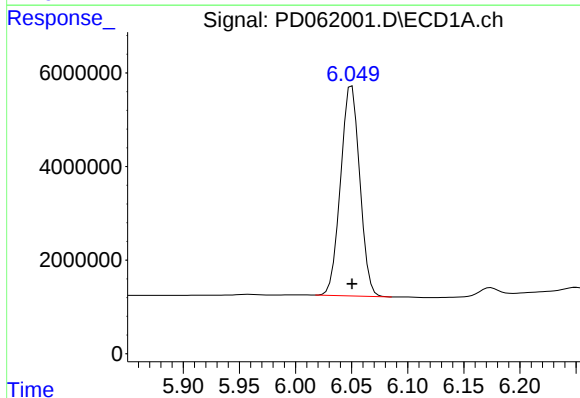
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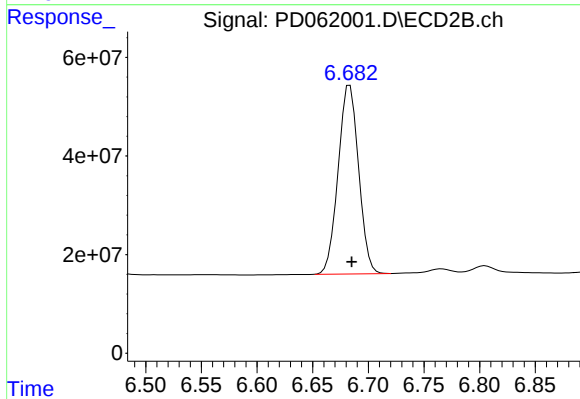
#12 4,4'-DDE

R.T.: 6.316 min
Delta R.T.: 0.000 min
Response: 3984802
Conc: 0.35 ng/ml



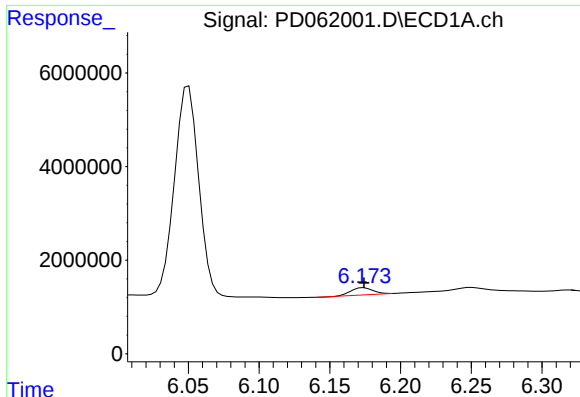
#14 Endrin

R.T.: 6.050 min
Delta R.T.: 0.000 min
Response: 53347824
Conc: 51.92 ng/ml



#14 Endrin

R.T.: 6.683 min
Delta R.T.: -0.002 min
Response: 490412324
Conc: 49.56 ng/ml



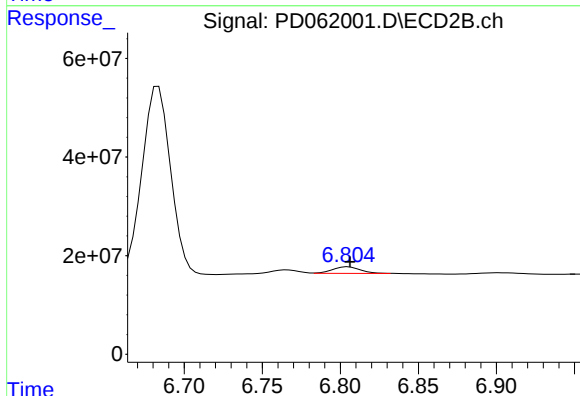
#16 4,4'-DDD

R.T.: 6.174 min
Delta R.T.: 0.000 min
Response: 1601444
Conc: 1.72 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

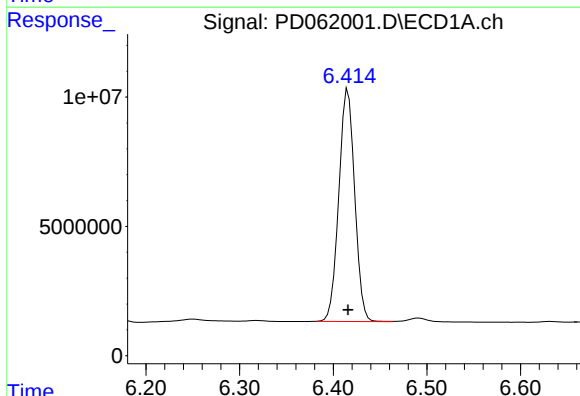
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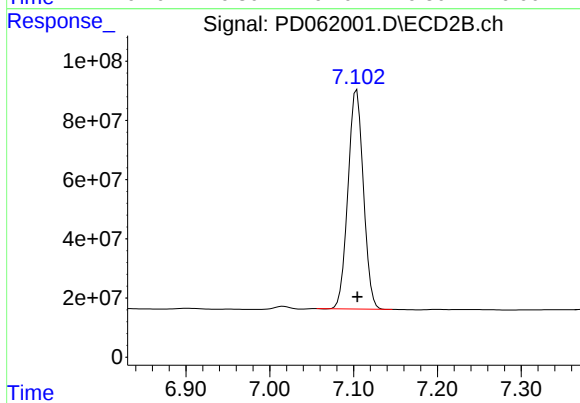
#16 4,4'-DDD

R.T.: 6.804 min
Delta R.T.: -0.003 min
Response: 16300221
Conc: 1.72 ng/ml m



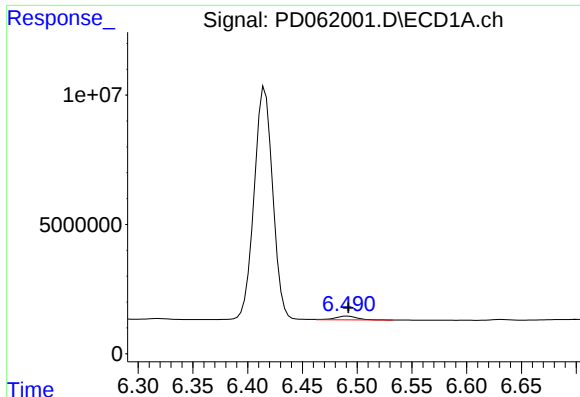
#17 4,4'-DDT

R.T.: 6.416 min
Delta R.T.: 0.000 min
Response: 105922552
Conc: 117.60 ng/ml



#17 4,4'-DDT

R.T.: 7.104 min
Delta R.T.: 0.000 min
Response: 948463284
Conc: 99.30 ng/ml



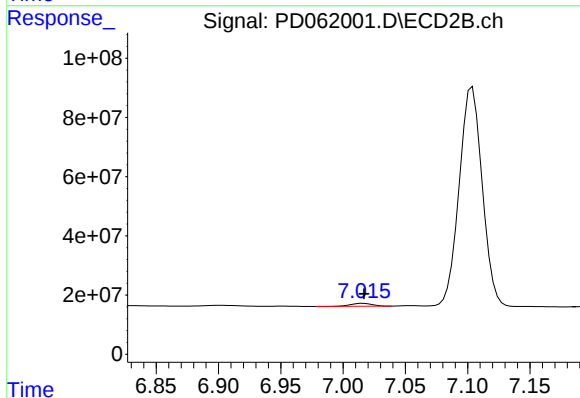
#18 Endrin aldehyde

R.T.: 6.491 min
Delta R.T.: 0.000 min
Response: 1949721
Conc: 2.28 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

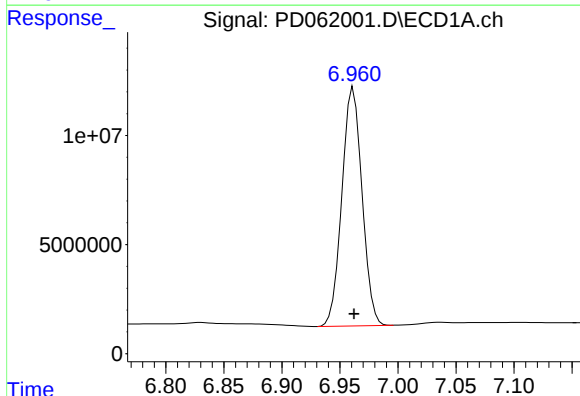
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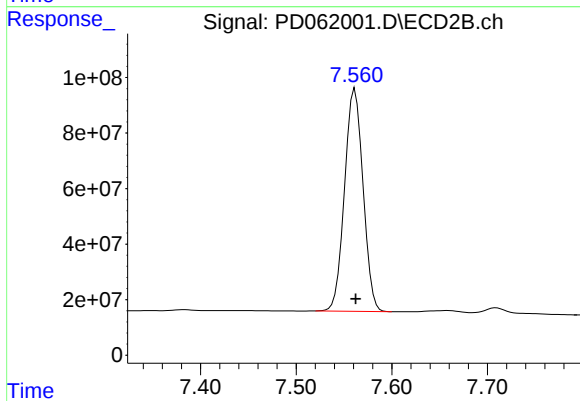
#18 Endrin aldehyde

R.T.: 7.016 min
Delta R.T.: 0.000 min
Response: 12016774
Conc: 1.53 ng/ml



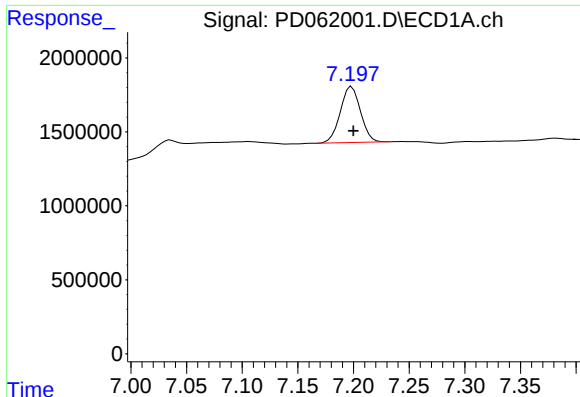
#20 Methoxychlor

R.T.: 6.962 min
Delta R.T.: 0.000 min
Response: 132415636
Conc: 280.24 ng/ml



#20 Methoxychlor

R.T.: 7.562 min
Delta R.T.: 0.000 min
Response: 1082358770
Conc: 240.10 ng/ml



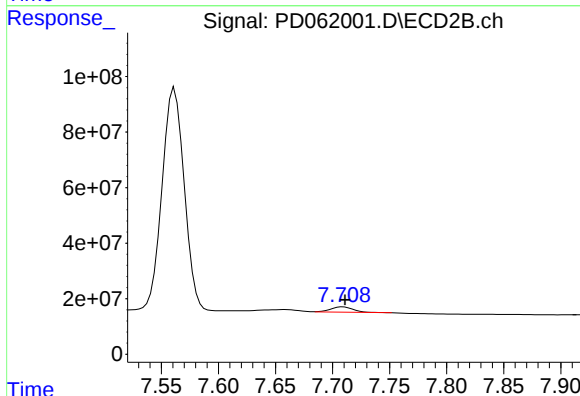
#21 Endrin ketone

R.T.: 7.198 min
Delta R.T.: -0.001 min
Response: 4793757
Conc: 3.76 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

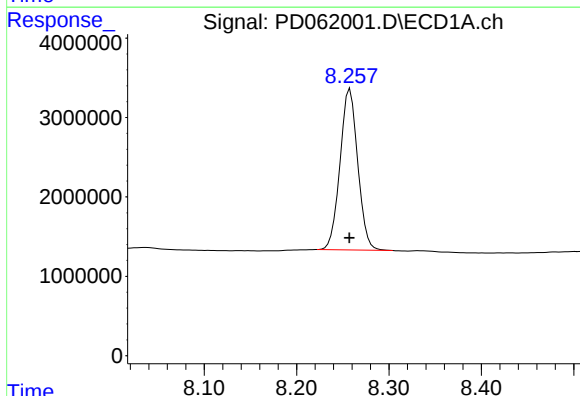
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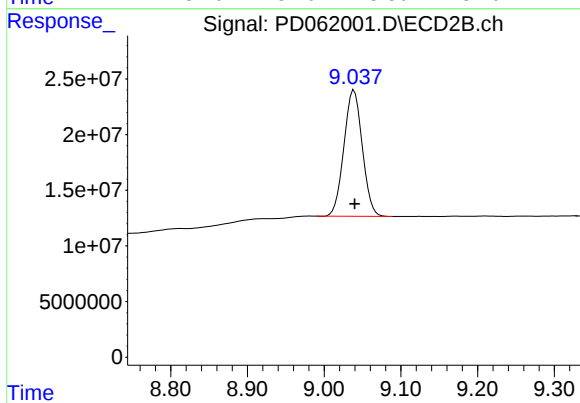
#21 Endrin ketone

R.T.: 7.709 min
Delta R.T.: -0.002 min
Response: 26013884
Conc: 2.56 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.258 min
Delta R.T.: 0.000 min
Response: 27055329
Conc: 21.99 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.039 min
Delta R.T.: 0.000 min
Response: 189666417
Conc: 20.09 ng/ml