

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD040821\
 Data File : PD062052.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 08 Apr 2021 10:18
 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 09 02:31:29 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...	3.483	3.980	17659652	183.6E6	21.091	21.135
28)	SA Decachlor...	8.254	9.038	26669611	184.7E6	21.675	19.567
Target Compounds							
2)	A alpha-BHC	3.923	4.369	12811496	144.6E6	10.144	10.748
3)	MA gamma-BHC...	4.208	4.652	12545990	139.4E6	10.567	11.177
6)	B beta-BHC	4.459	4.822	7284649	57403027	13.358	11.114
12)	B 4,4'-DDE	5.654	6.312	239430	1337268	0.213m	0.116 #
14)	MA Endrin	6.048	6.682	56514707	519.1E6	55.002	52.457
16)	A 4,4'-DDD	6.174	6.804	416479	4090247	0.448m	0.432m
17)	MA 4,4'-DDT	6.414	7.102	107.5E6	958.3E6	119.341	100.330
18)	B Endrin al...	6.484	7.014	375497	2339653	0.440m	0.298m#
20)	A Methoxychlor	6.960	7.560	148.6E6	1148.6E6	314.539	254.805
21)	B Endrin ke...	7.196	7.707	745514	4166807	0.584m	0.411m#

(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

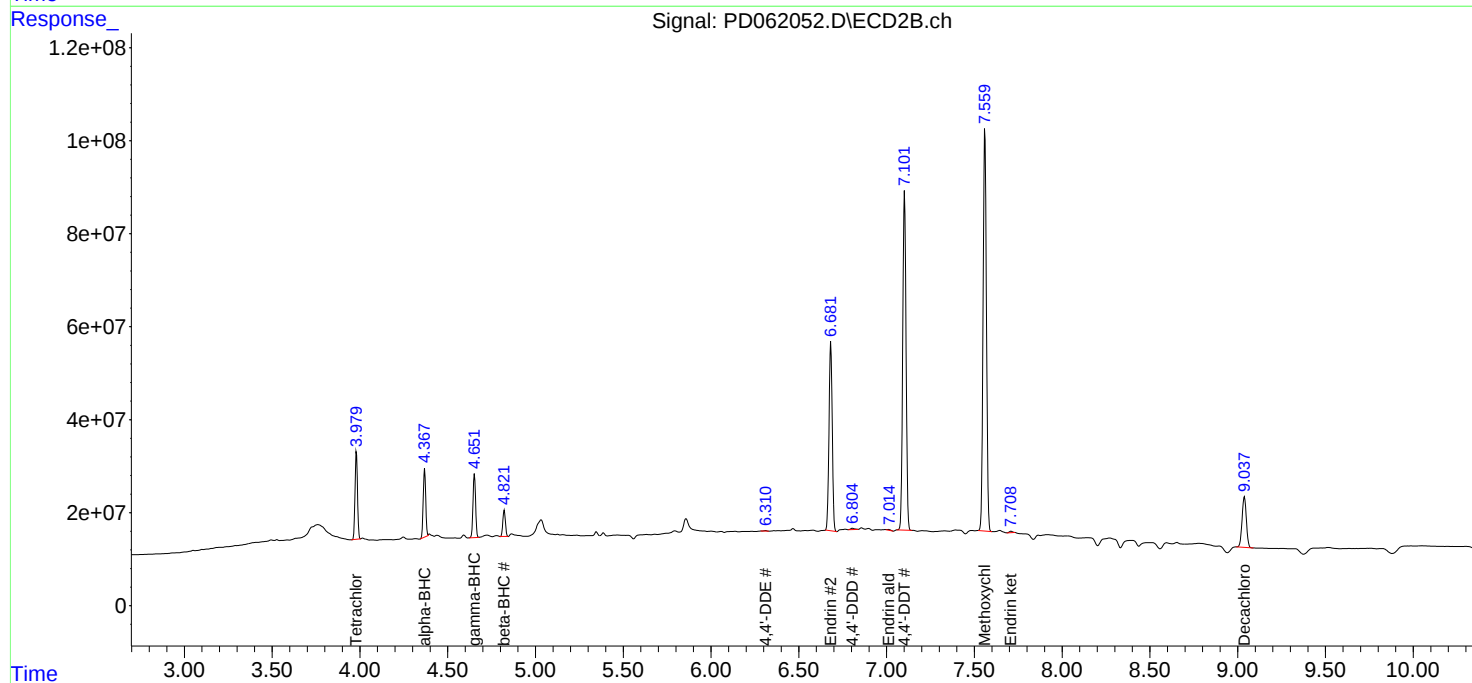
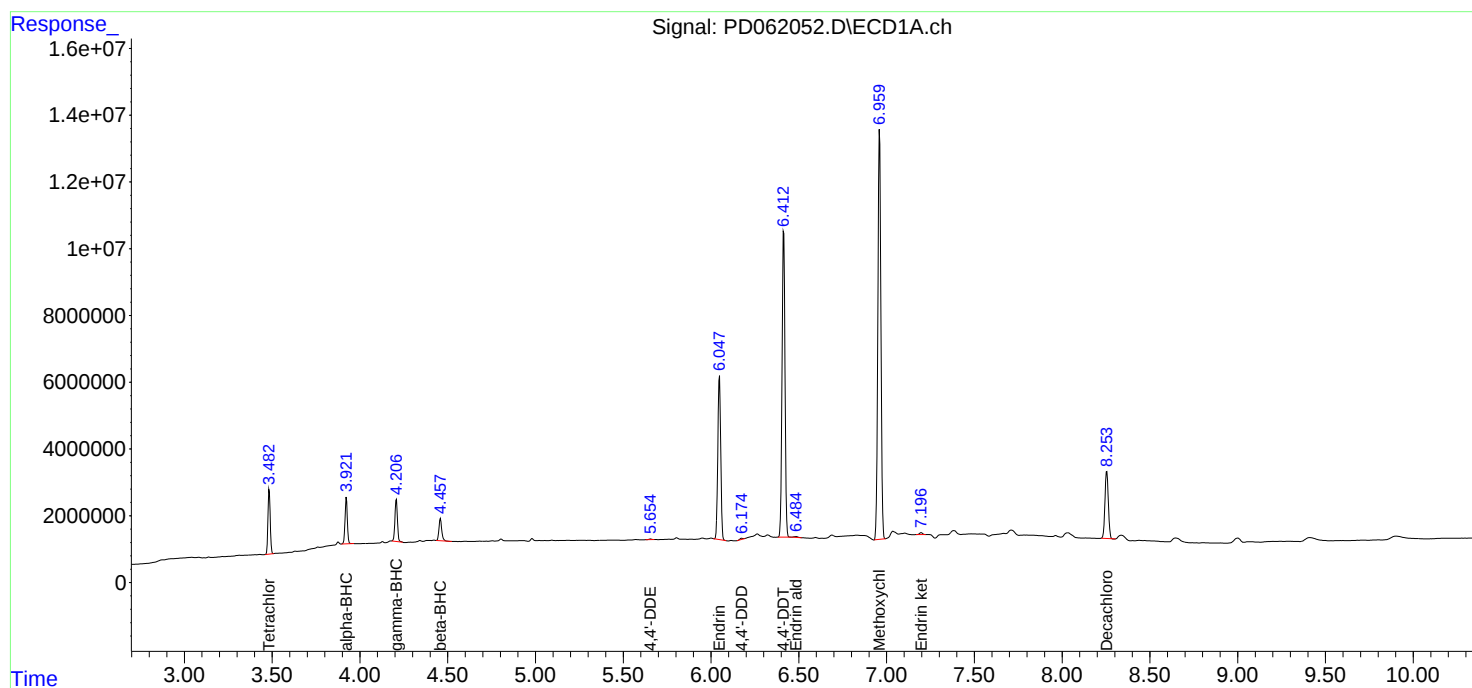
Instrument :
ECD_D
ClientSampled :
PEM

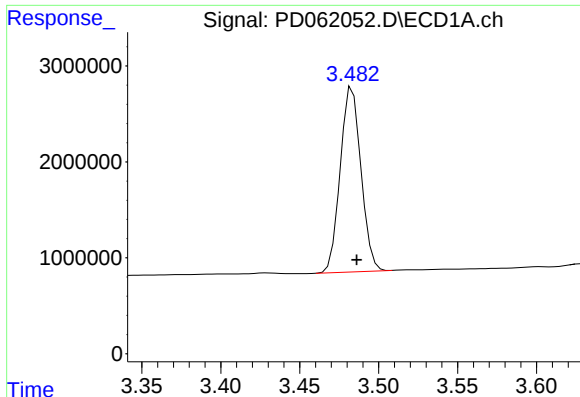
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Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 09 02:31:29 2021
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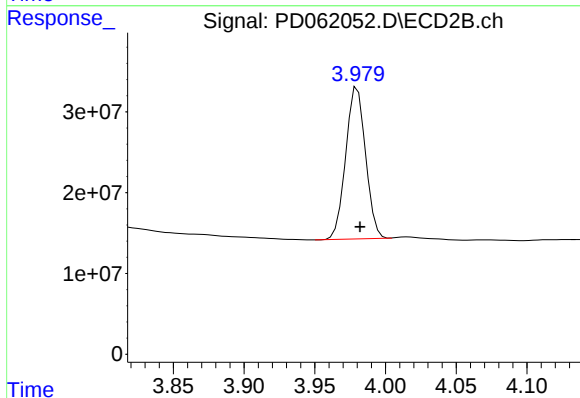
#1 Tetrachloro-m-xylene

R.T.: 3.483 min
Delta R.T.: -0.003 min
Response: 17659652
Conc: 21.09 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

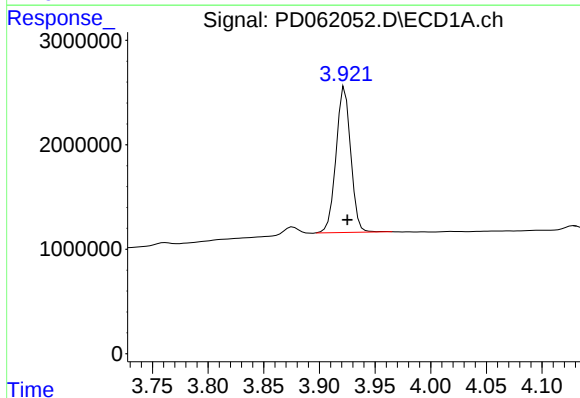
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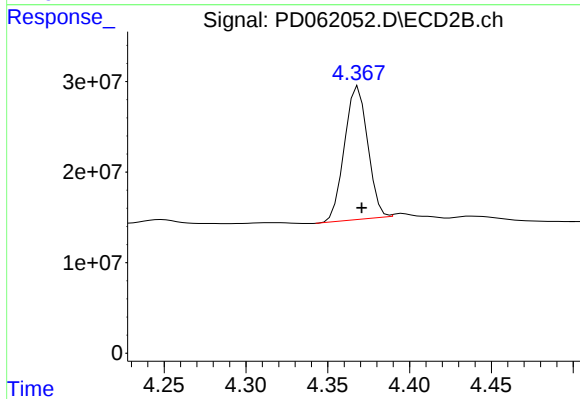
#1 Tetrachloro-m-xylene

R.T.: 3.980 min
Delta R.T.: -0.002 min
Response: 183636765
Conc: 21.13 ng/ml



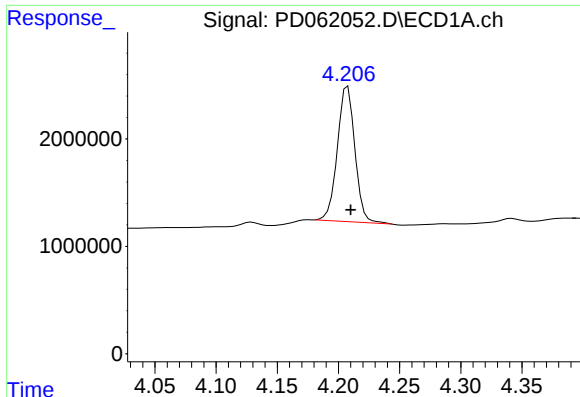
#2 alpha-BHC

R.T.: 3.923 min
Delta R.T.: -0.002 min
Response: 12811496
Conc: 10.14 ng/ml



#2 alpha-BHC

R.T.: 4.369 min
Delta R.T.: -0.002 min
Response: 144573987
Conc: 10.75 ng/ml



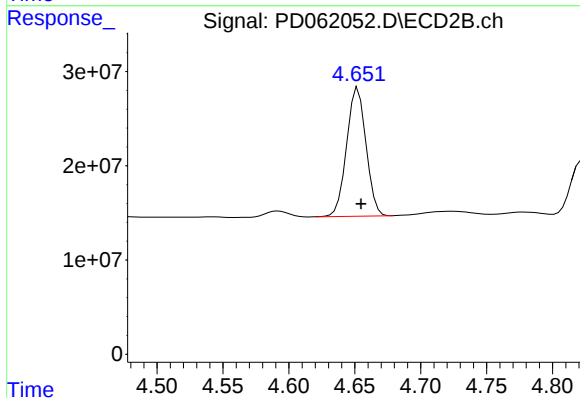
#3 gamma-BHC (Lindane)

R.T.: 4.208 min
Delta R.T.: -0.002 min
Response: 12545990
Conc: 10.57 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

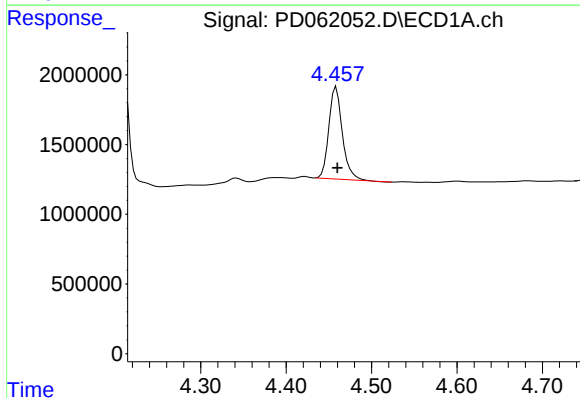
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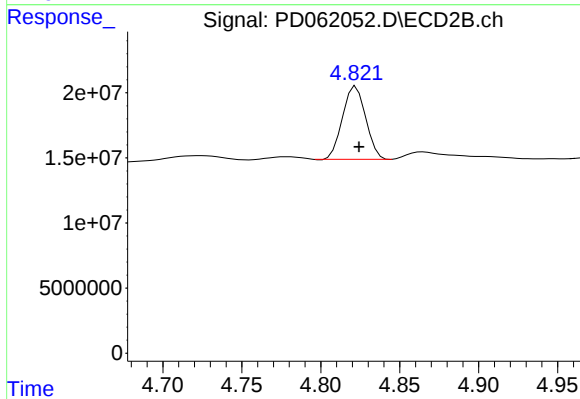
#3 gamma-BHC (Lindane)

R.T.: 4.652 min
Delta R.T.: -0.002 min
Response: 139415718
Conc: 11.18 ng/ml



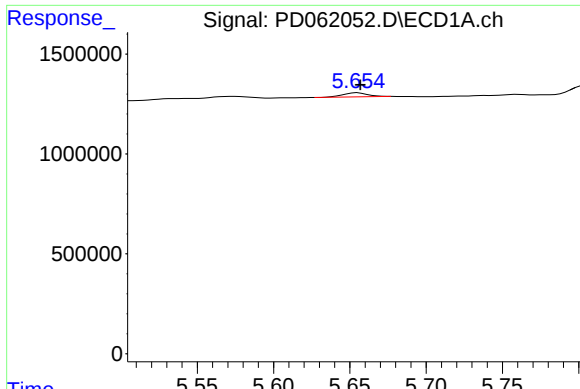
#6 beta-BHC

R.T.: 4.459 min
Delta R.T.: -0.001 min
Response: 7284649
Conc: 13.36 ng/ml



#6 beta-BHC

R.T.: 4.822 min
Delta R.T.: -0.002 min
Response: 57403027
Conc: 11.11 ng/ml



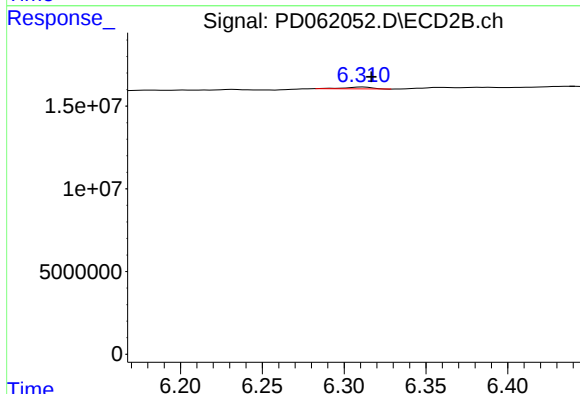
#12 4,4'-DDE

R.T.: 5.654 min
Delta R.T.: -0.003 min
Response: 239430
Conc: 0.21 ng/ml m

Instrument :
ECD_D
ClientSampleId :
PEM

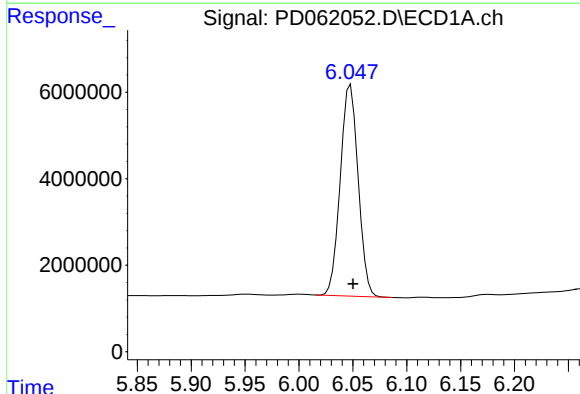
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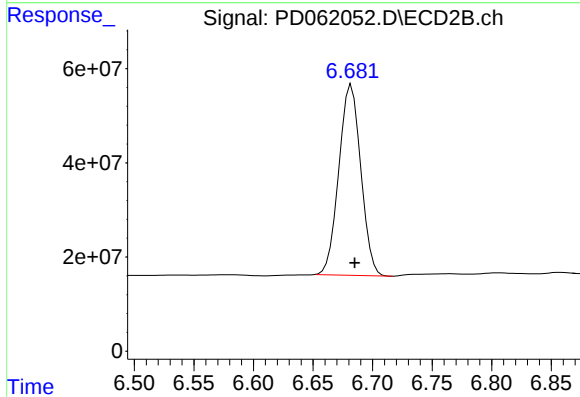
#12 4,4'-DDE

R.T.: 6.312 min
Delta R.T.: -0.005 min
Response: 1337268
Conc: 0.12 ng/ml



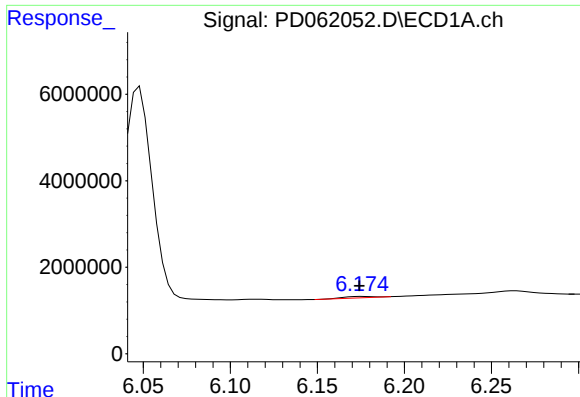
#14 Endrin

R.T.: 6.048 min
Delta R.T.: -0.002 min
Response: 56514707
Conc: 55.00 ng/ml



#14 Endrin

R.T.: 6.682 min
Delta R.T.: -0.003 min
Response: 519122646
Conc: 52.46 ng/ml



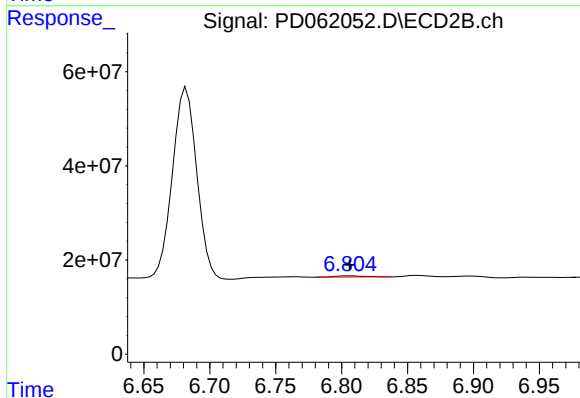
#16 4,4'-DDD

R.T.: 6.174 min
Delta R.T.: 0.000 min
Response: 416479
Conc: 0.45 ng/ml m

Instrument :
ECD_D
ClientSampled :
PEM

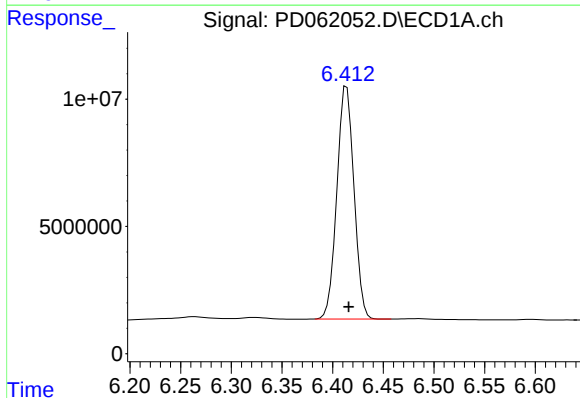
Manual Integrations
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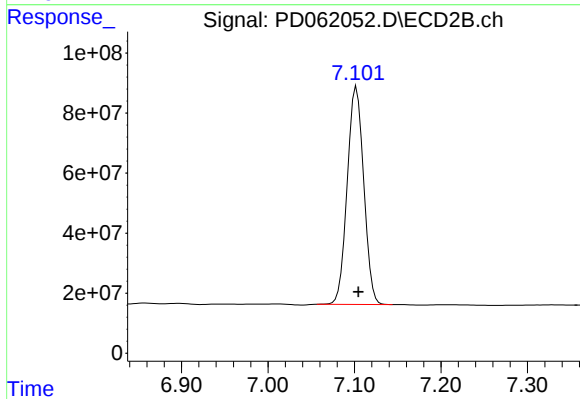
#16 4,4'-DDD

R.T.: 6.804 min
Delta R.T.: -0.002 min
Response: 4090247
Conc: 0.43 ng/ml m



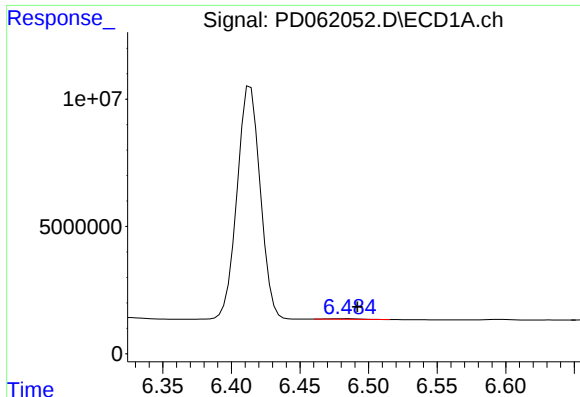
#17 4,4'-DDT

R.T.: 6.414 min
Delta R.T.: -0.002 min
Response: 107493660
Conc: 119.34 ng/ml



#17 4,4'-DDT

R.T.: 7.102 min
Delta R.T.: -0.002 min
Response: 958315355
Conc: 100.33 ng/ml



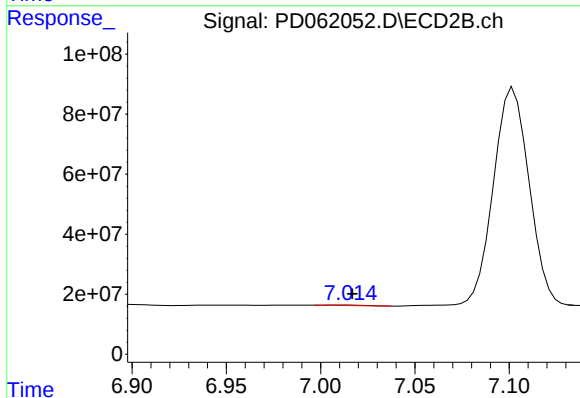
#18 Endrin aldehyde

R.T.: 6.484 min
Delta R.T.: -0.008 min
Response: 375497
Conc: 0.44 ng/ml m

Instrument :
ECD_D
ClientSampleId :
PEM

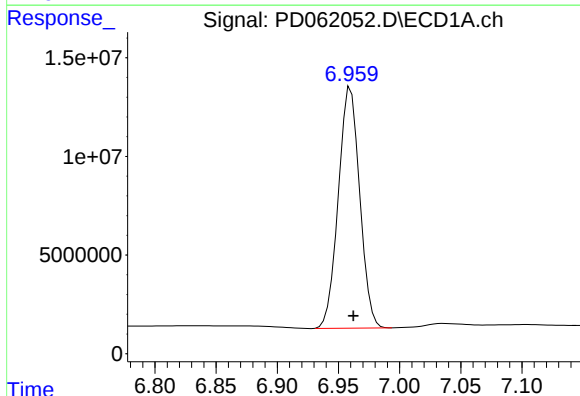
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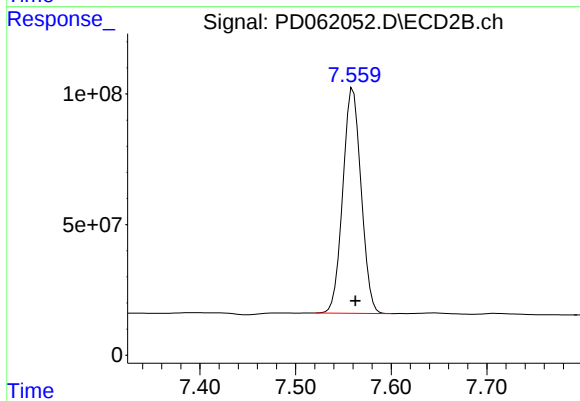
#18 Endrin aldehyde

R.T.: 7.014 min
Delta R.T.: -0.002 min
Response: 2339653
Conc: 0.30 ng/ml m



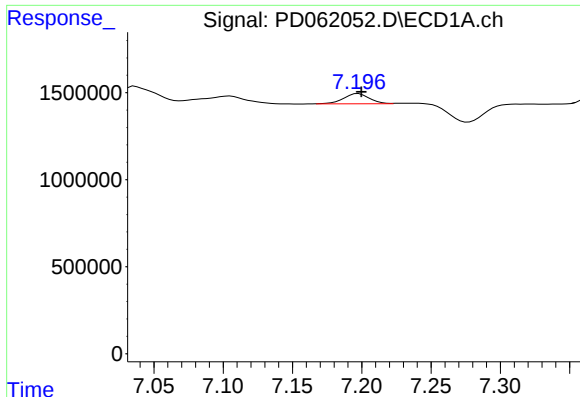
#20 Methoxychlor

R.T.: 6.960 min
Delta R.T.: -0.002 min
Response: 148620093
Conc: 314.54 ng/ml



#20 Methoxychlor

R.T.: 7.560 min
Delta R.T.: -0.002 min
Response: 1148638827
Conc: 254.81 ng/ml



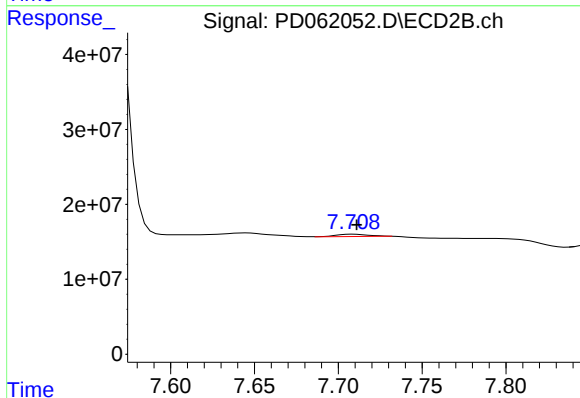
#21 Endrin ketone

R.T.: 7.196 min
Delta R.T.: -0.004 min
Response: 745514
Conc: 0.58 ng/ml m

Instrument :
ECD_D
ClientSampleId :
PEM

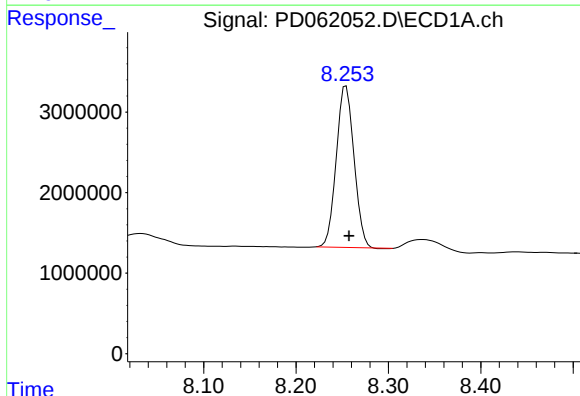
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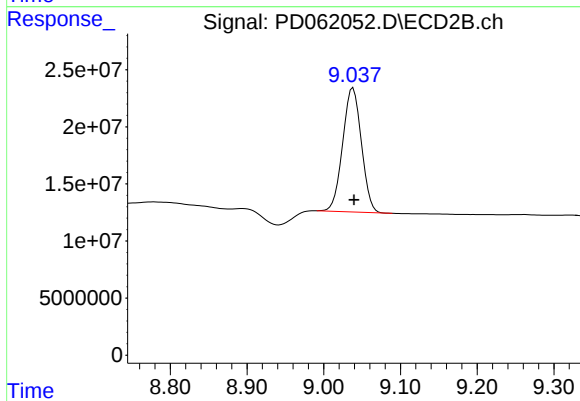
#21 Endrin ketone

R.T.: 7.707 min
Delta R.T.: -0.003 min
Response: 4166807
Conc: 0.41 ng/ml m



#28 Decachlorobiphenyl

R.T.: 8.254 min
Delta R.T.: -0.003 min
Response: 26669611
Conc: 21.68 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.038 min
Delta R.T.: -0.002 min
Response: 184718750
Conc: 19.57 ng/ml