

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD051122\
 Data File : PD069539.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 10 May 2022 19:23
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 05/11/2022
 Supervised By : mohammad ahmed 05/11/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 11 03:20:51 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD041622.M
 Quant Title : GC Extractables
 QLast Update : Mon Apr 18 13:40:55 2022
 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...	3.443	4.172	25461872	238.2E6	22.937	22.217
28)	SA Decachlor...	8.196	9.364	29496873	158.2E6	23.623	24.179
Target Compounds							
2)	A alpha-BHC	3.882	4.567	17982049	179.2E6	11.020	11.623
3)	MA gamma-BHC...	4.165	4.857	18815831	163.0E6	11.000	11.544
6)	B beta-BHC	4.415	5.021	9042853	77077128	13.007	12.546
12)	B 4,4'-DDE	5.601	6.546	386070	5363986	0.305m	0.497m#
14)	MA Endrin	5.993	6.926	72139877	482.5E6	59.666	53.202
16)	A 4,4'-DDD	6.120	7.037	2474093	31257280	2.270	3.629 #
17)	MA 4,4'-DDT	6.359	7.340	129.0E6	883.0E6	119.955	101.800
18)	B Endrin al...	6.433	7.254	851985	3985131	0.923m	0.576m#
20)	A Methoxychlor	6.910	7.793	172.7E6	1030.2E6	271.790	238.969
21)	B Endrin ke...	7.141	7.955	2396359	16374481	1.702	1.811

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

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Data File : PD069539.D
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Acq On : 10 May 2022 19:23
Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

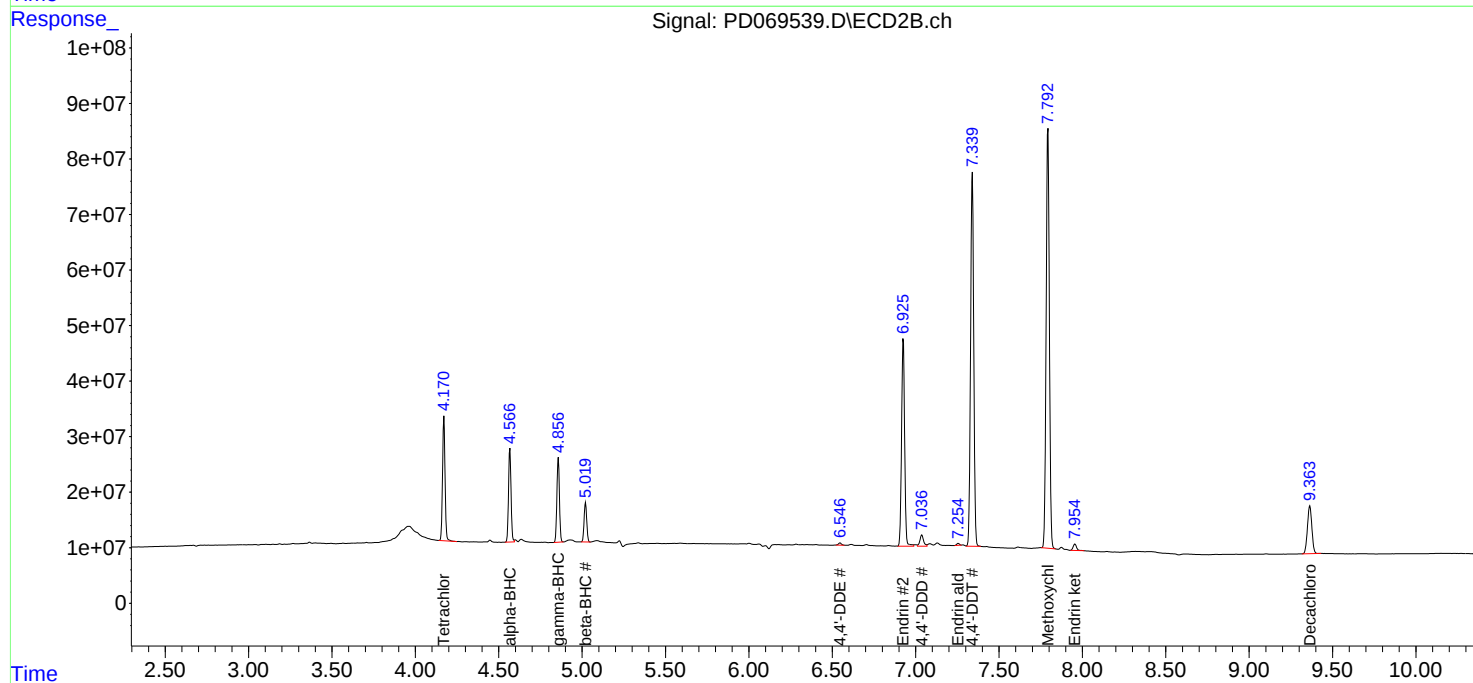
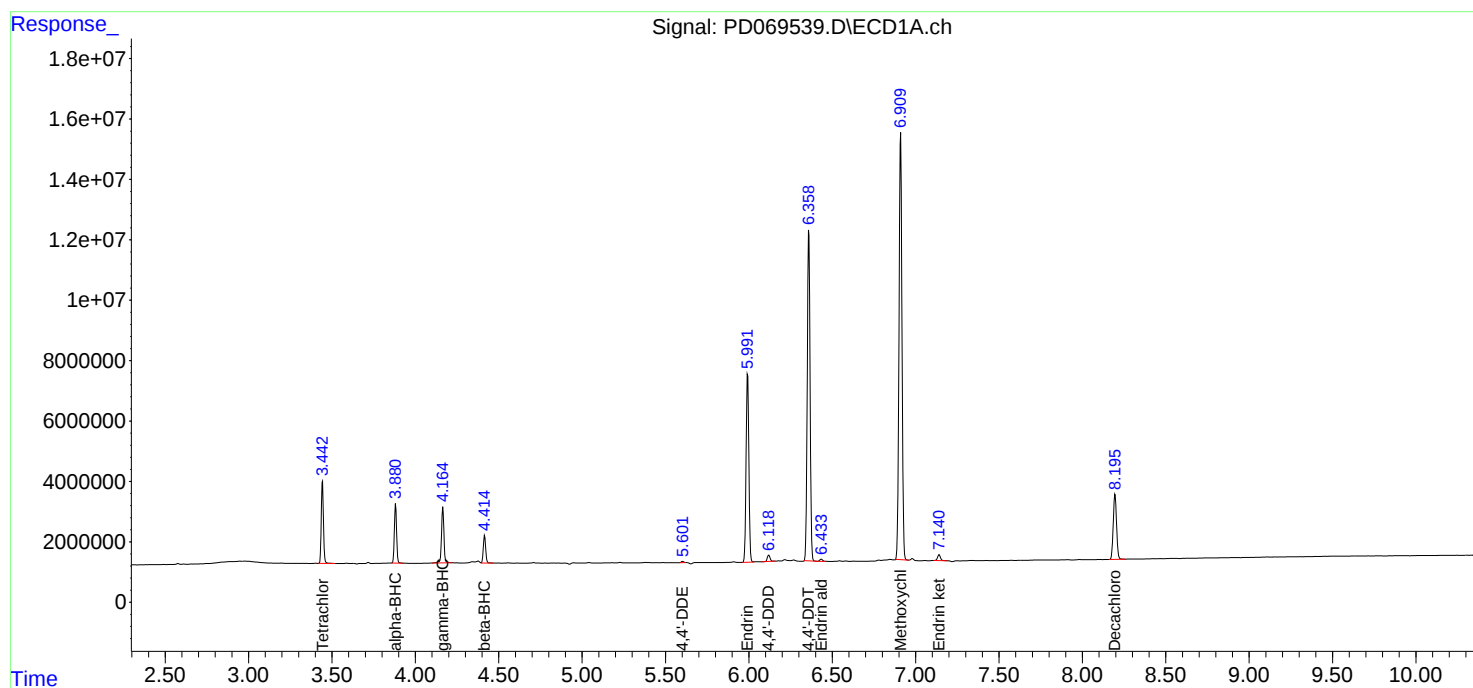
Instrument :
ECD_D
ClientSampleId :
PEM

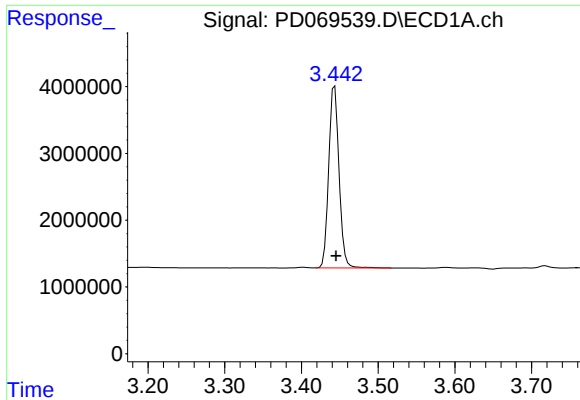
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Integration File signal 1: autoint1.e
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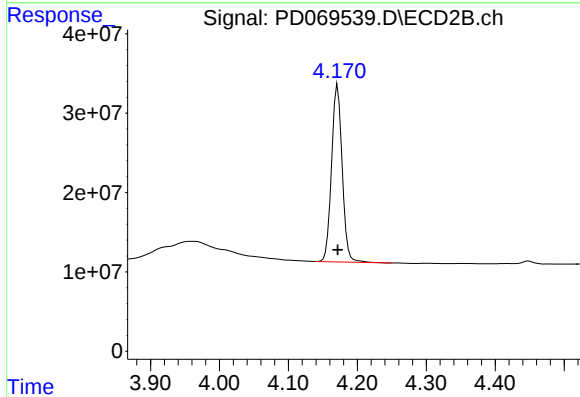
#1 Tetrachloro-m-xylene

R.T.: 3.443 min
Delta R.T.: -0.002 min
Response: 25461872
Conc: 22.94 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

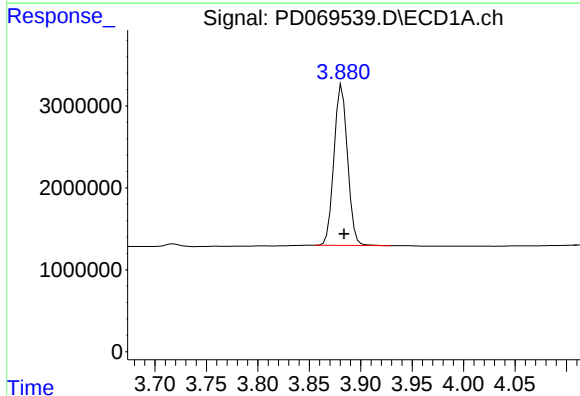
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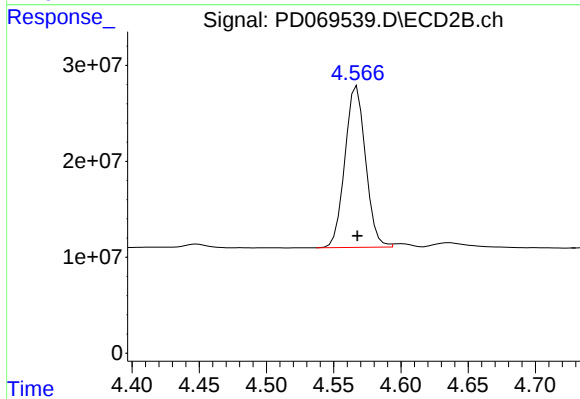
#1 Tetrachloro-m-xylene

R.T.: 4.172 min
Delta R.T.: 0.000 min
Response: 238203016
Conc: 22.22 ng/ml



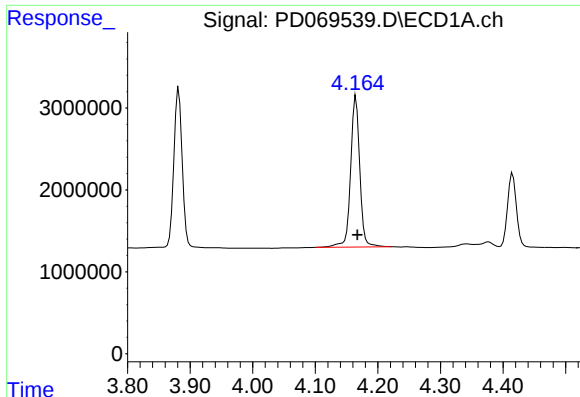
#2 alpha-BHC

R.T.: 3.882 min
Delta R.T.: -0.002 min
Response: 17982049
Conc: 11.02 ng/ml



#2 alpha-BHC

R.T.: 4.567 min
Delta R.T.: 0.000 min
Response: 179222654
Conc: 11.62 ng/ml



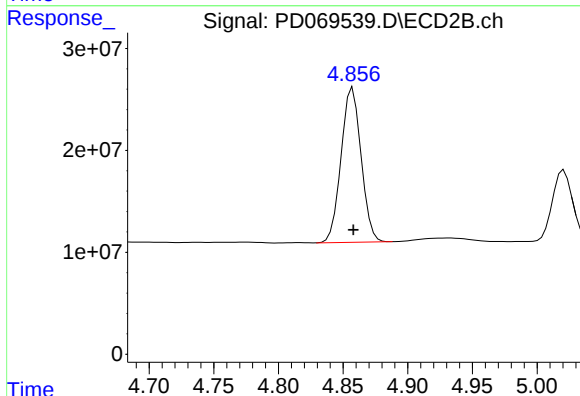
#3 gamma-BHC (Lindane)

R.T.: 4.165 min
Delta R.T.: -0.002 min
Response: 18815831
Conc: 11.00 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

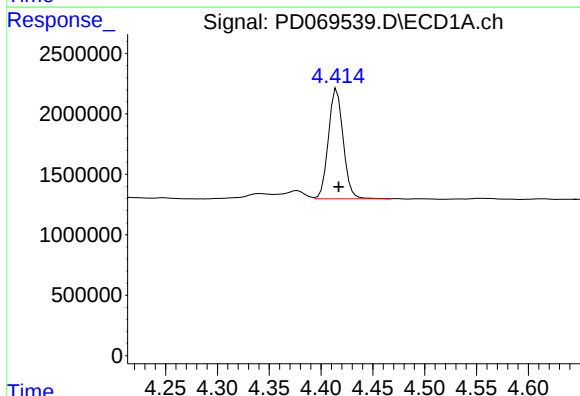
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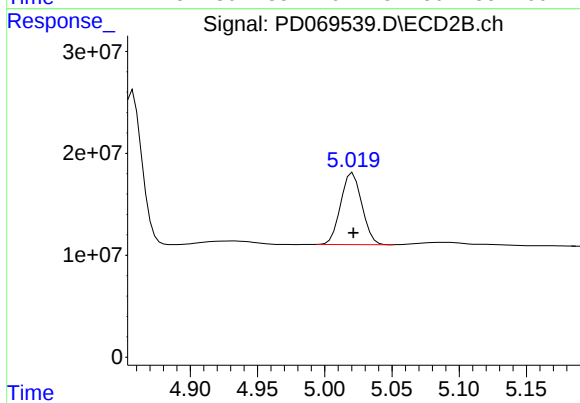
#3 gamma-BHC (Lindane)

R.T.: 4.857 min
Delta R.T.: 0.000 min
Response: 163011724
Conc: 11.54 ng/ml



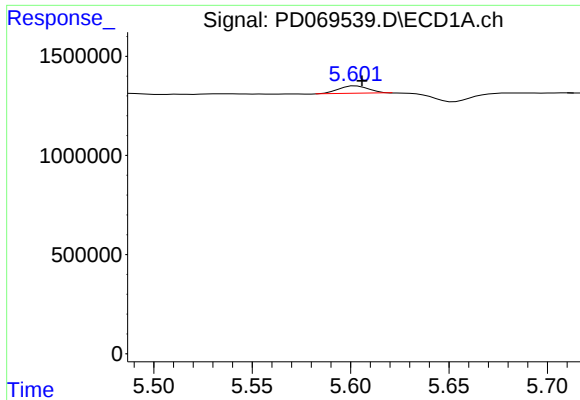
#6 beta-BHC

R.T.: 4.415 min
Delta R.T.: -0.002 min
Response: 9042853
Conc: 13.01 ng/ml



#6 beta-BHC

R.T.: 5.021 min
Delta R.T.: 0.000 min
Response: 77077128
Conc: 12.55 ng/ml



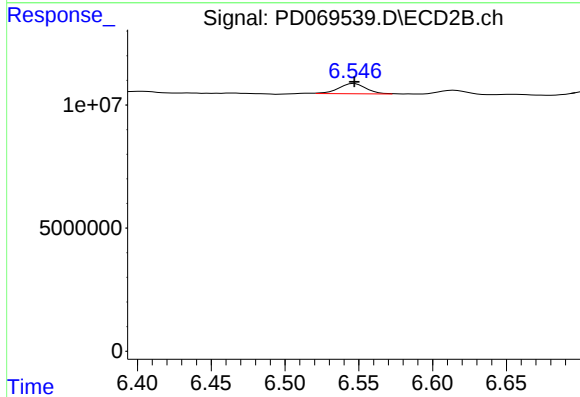
#12 4,4'-DDE

R.T.: 5.601 min
Delta R.T.: -0.005 min
Response: 386070
Conc: 0.31 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

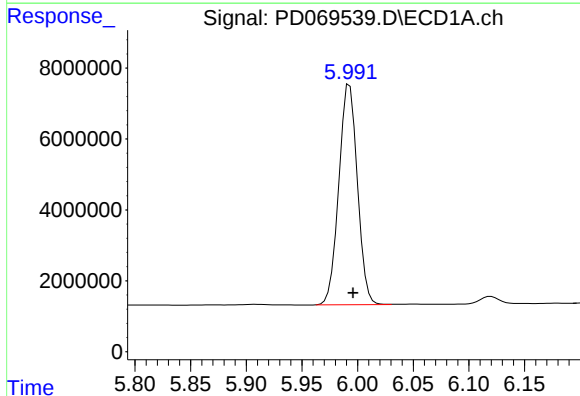
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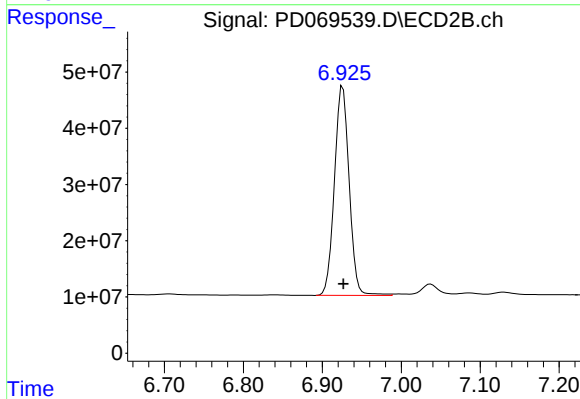
#12 4,4'-DDE

R.T.: 6.546 min
Delta R.T.: -0.001 min
Response: 5363986
Conc: 0.50 ng/ml m



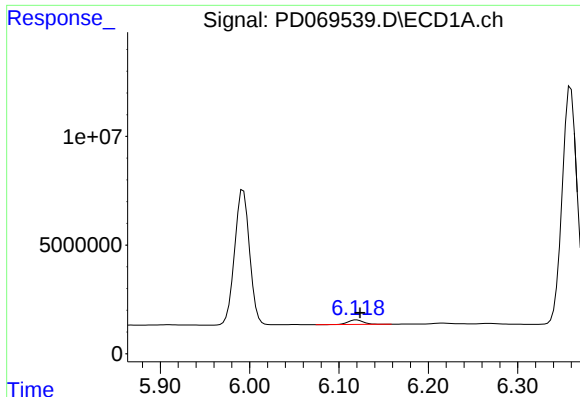
#14 Endrin

R.T.: 5.993 min
Delta R.T.: -0.003 min
Response: 72139877
Conc: 59.67 ng/ml



#14 Endrin

R.T.: 6.926 min
Delta R.T.: 0.000 min
Response: 482548629
Conc: 53.20 ng/ml



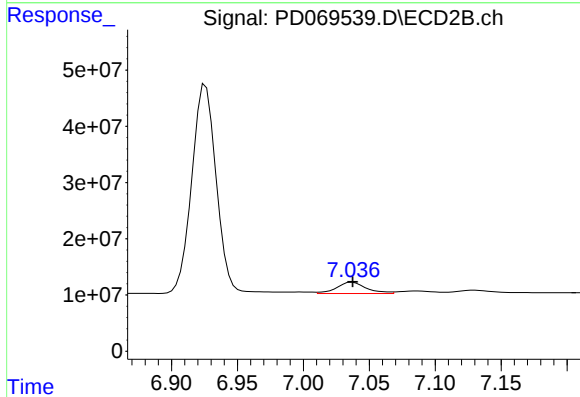
#16 4,4'-DDD

R.T.: 6.120 min
Delta R.T.: -0.004 min
Response: 2474093
Conc: 2.27 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

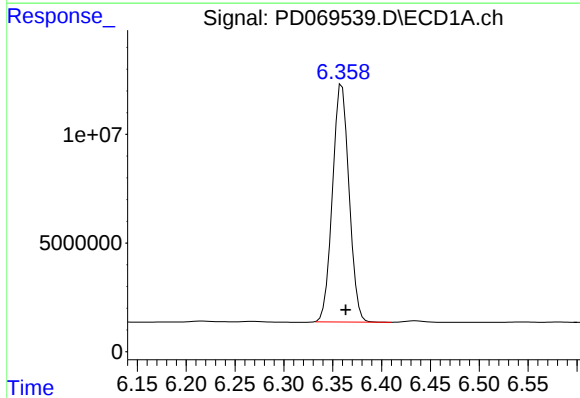
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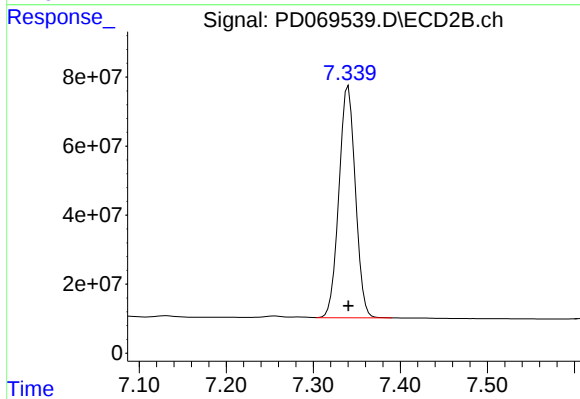
#16 4,4'-DDD

R.T.: 7.037 min
Delta R.T.: 0.000 min
Response: 31257280
Conc: 3.63 ng/ml



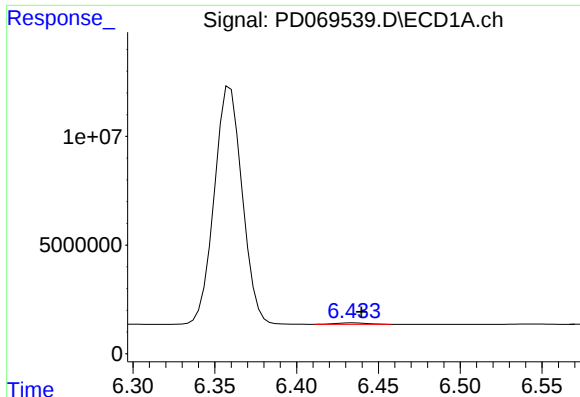
#17 4,4'-DDT

R.T.: 6.359 min
Delta R.T.: -0.004 min
Response: 128971513
Conc: 119.95 ng/ml



#17 4,4'-DDT

R.T.: 7.340 min
Delta R.T.: 0.000 min
Response: 882992592
Conc: 101.80 ng/ml



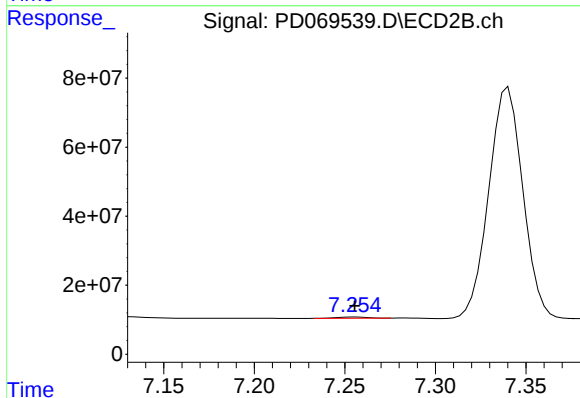
#18 Endrin aldehyde

R.T.: 6.433 min
Delta R.T.: -0.006 min
Response: 851985
Conc: 0.92 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

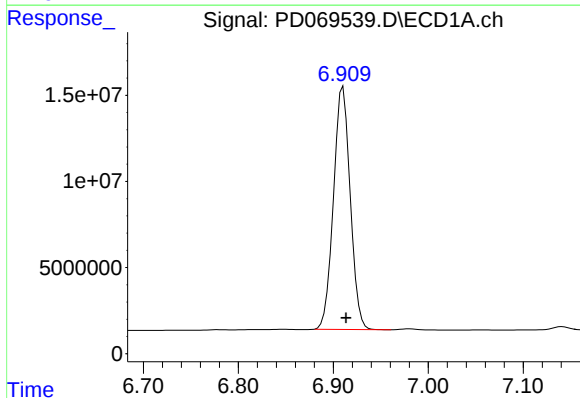
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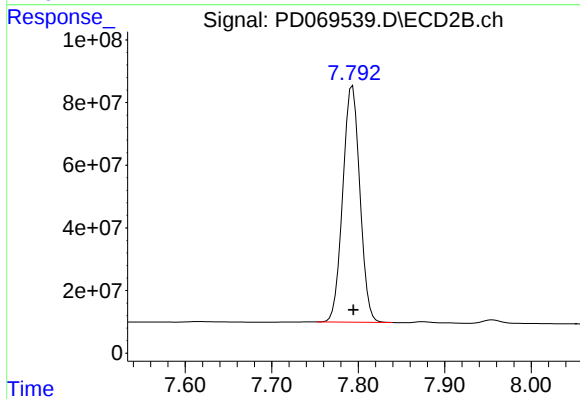
#18 Endrin aldehyde

R.T.: 7.254 min
Delta R.T.: -0.001 min
Response: 3985131
Conc: 0.58 ng/ml m



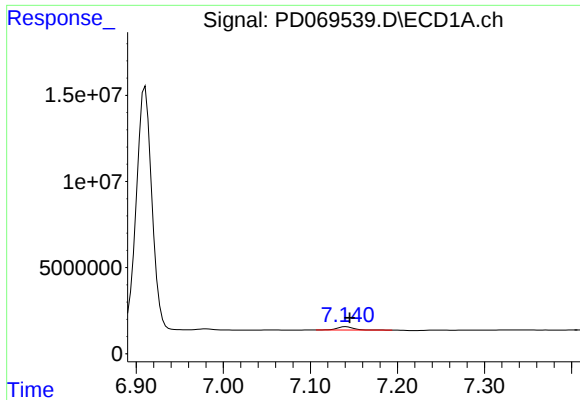
#20 Methoxychlor

R.T.: 6.910 min
Delta R.T.: -0.003 min
Response: 172654757
Conc: 271.79 ng/ml



#20 Methoxychlor

R.T.: 7.793 min
Delta R.T.: -0.001 min
Response: 1030216815
Conc: 238.97 ng/ml



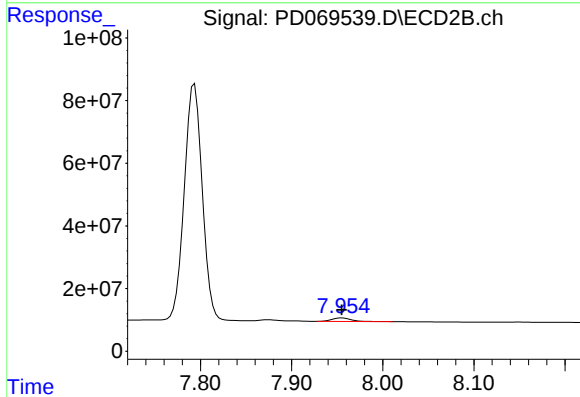
#21 Endrin ketone

R.T.: 7.141 min
Delta R.T.: -0.004 min
Response: 2396359
Conc: 1.70 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

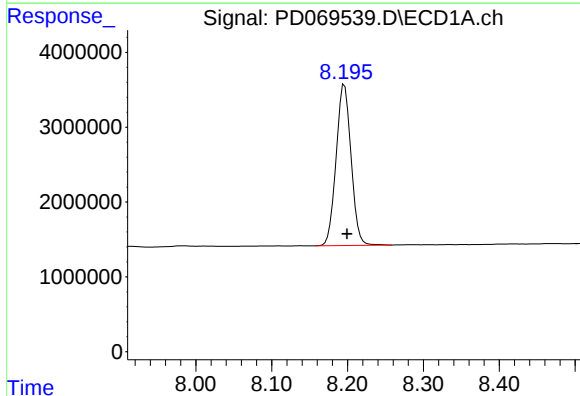
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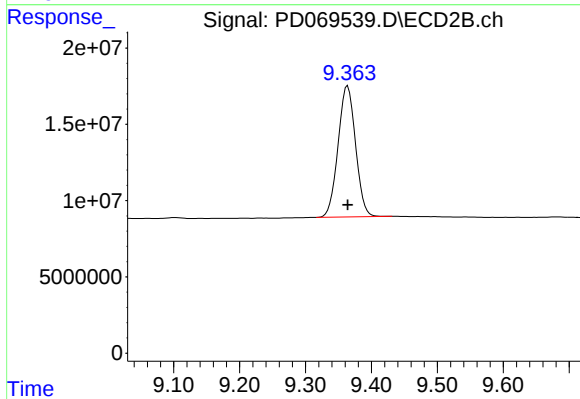
#21 Endrin ketone

R.T.: 7.955 min
Delta R.T.: 0.000 min
Response: 16374481
Conc: 1.81 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.196 min
Delta R.T.: -0.003 min
Response: 29496873
Conc: 23.62 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.364 min
Delta R.T.: 0.000 min
Response: 158228636
Conc: 24.18 ng/ml