

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD060322\
 Data File : PD069955.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 02 Jun 2022 10:33
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 06/03/2022
 Supervised By : Ankita Jodhani 06/03/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 03 04:02:48 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD052622.M
 Quant Title : GC Extractables
 QLast Update : Thu May 26 05:06:06 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 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...	3.441	4.167	22012383	206.8E6	20.684	23.465
28)	SA Decachlor...	8.195	9.361	23398776	130.1E6	21.452	24.049
Target Compounds							
2)	A alpha-BHC	3.880	4.562	15717439	153.0E6	9.591	11.682
3)	MA gamma-BHC...	4.163	4.853	18647616	145.0E6	10.804	11.755
6)	B beta-BHC	4.414	5.017	7941710	68538464	11.411	13.048
12)	B 4,4'-DDE	5.600	6.542	396996	5280191	0.313m	0.584m#
14)	MA Endrin	5.992	6.922	59149645	407.5E6	51.226	60.378
16)	A 4,4'-DDD	6.119	7.034	3168473	25038622	2.928	3.381
17)	MA 4,4'-DDT	6.359	7.337	106.1E6	725.8E6	107.095	99.179
18)	B Endrin al...	6.434	7.250	1121529	5690562	1.305	0.991m
20)	A Methoxychlor	6.909	7.791	142.2E6	824.2E6	250.648	231.150
21)	B Endrin ke...	7.140	7.953	2783954	18993761	2.089	2.386

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

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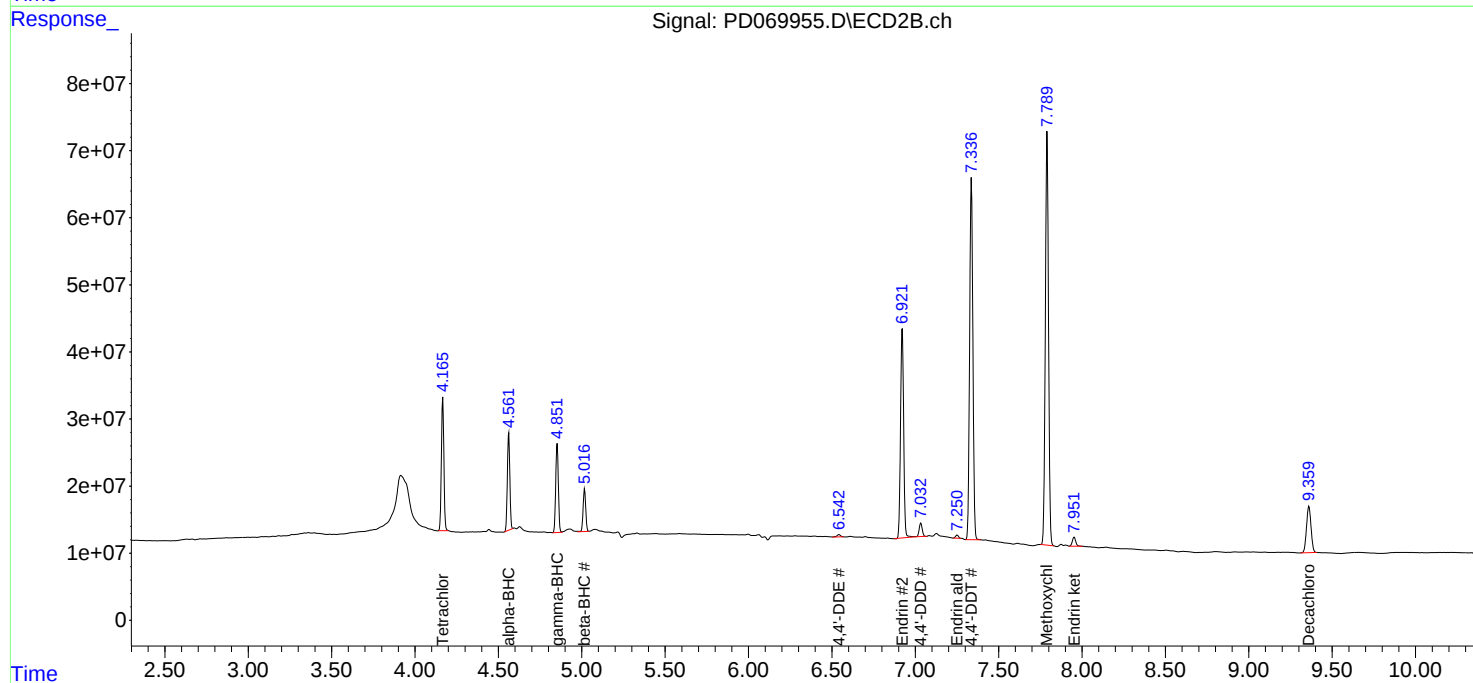
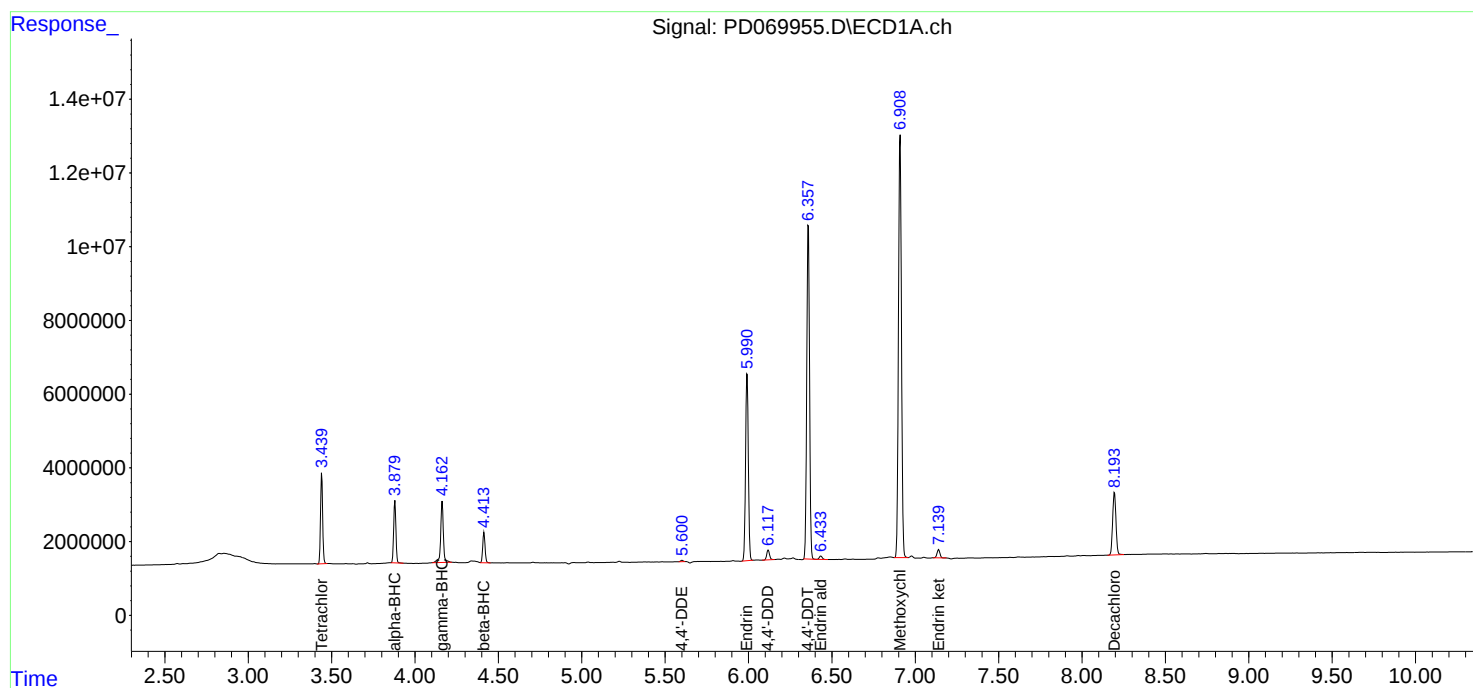
Instrument :
 ECD_D
 ClientSampleId :
 PEM

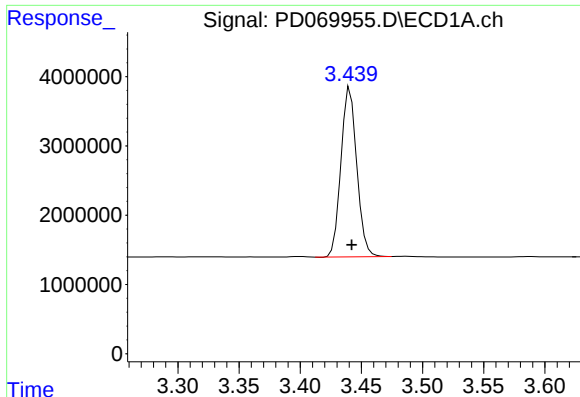
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Integration File signal 1: autoint1.e
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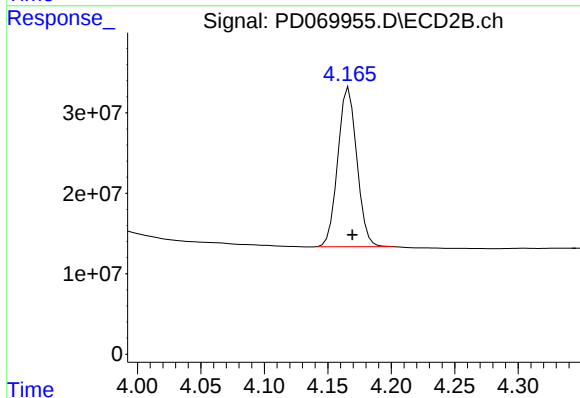
#1 Tetrachloro-m-xylene

R.T.: 3.441 min
Delta R.T.: -0.001 min
Response: 22012383
Conc: 20.68 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

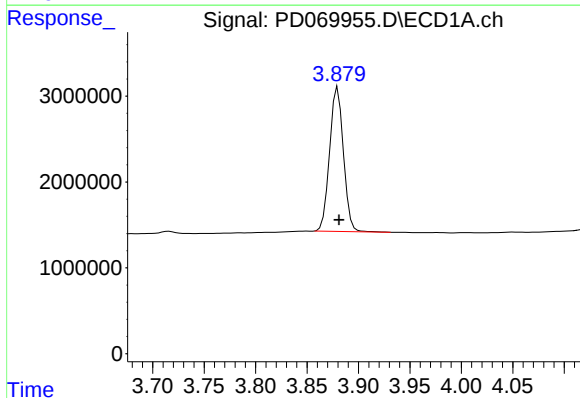
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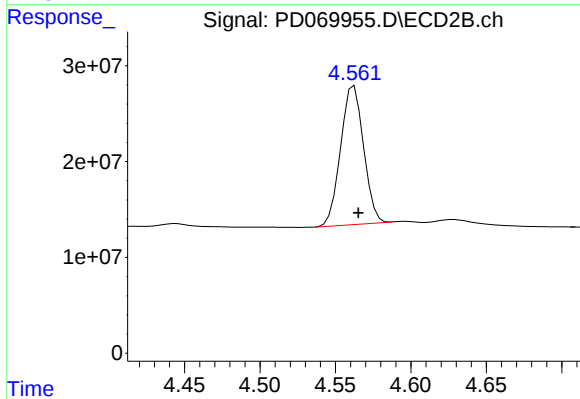
#1 Tetrachloro-m-xylene

R.T.: 4.167 min
Delta R.T.: -0.003 min
Response: 206767590
Conc: 23.47 ng/ml



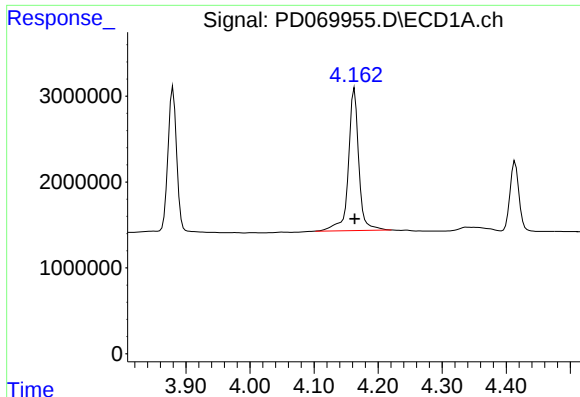
#2 alpha-BHC

R.T.: 3.880 min
Delta R.T.: -0.001 min
Response: 15717439
Conc: 9.59 ng/ml



#2 alpha-BHC

R.T.: 4.562 min
Delta R.T.: -0.003 min
Response: 152973752
Conc: 11.68 ng/ml



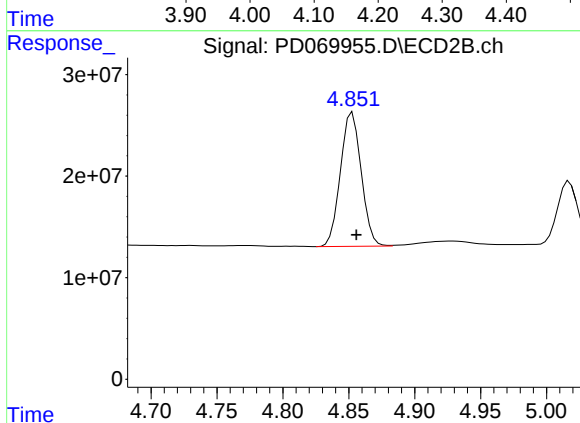
#3 gamma-BHC (Lindane)

R.T.: 4.163 min
Delta R.T.: 0.000 min
Response: 18647616
Conc: 10.80 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

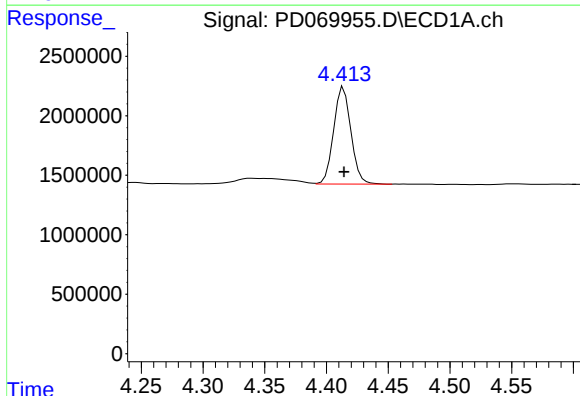
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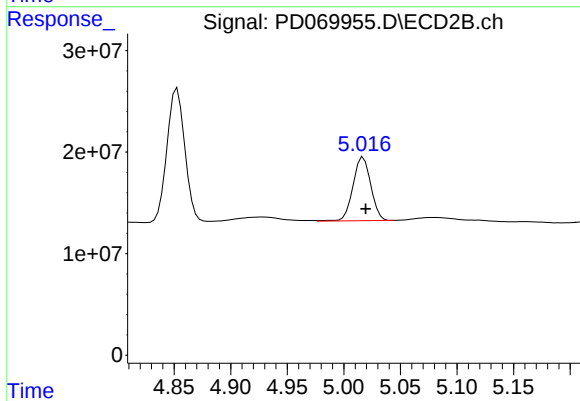
#3 gamma-BHC (Lindane)

R.T.: 4.853 min
Delta R.T.: -0.003 min
Response: 145005186
Conc: 11.75 ng/ml



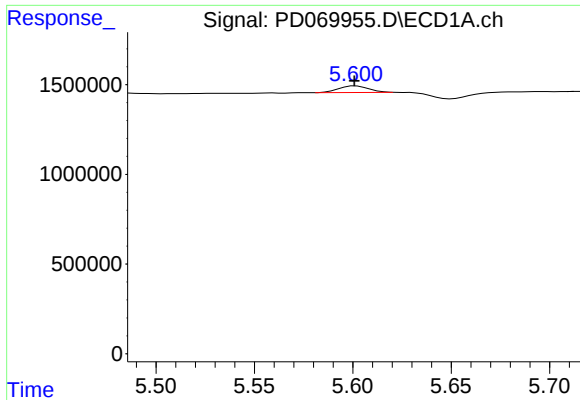
#6 beta-BHC

R.T.: 4.414 min
Delta R.T.: 0.000 min
Response: 7941710
Conc: 11.41 ng/ml



#6 beta-BHC

R.T.: 5.017 min
Delta R.T.: -0.002 min
Response: 68538464
Conc: 13.05 ng/ml



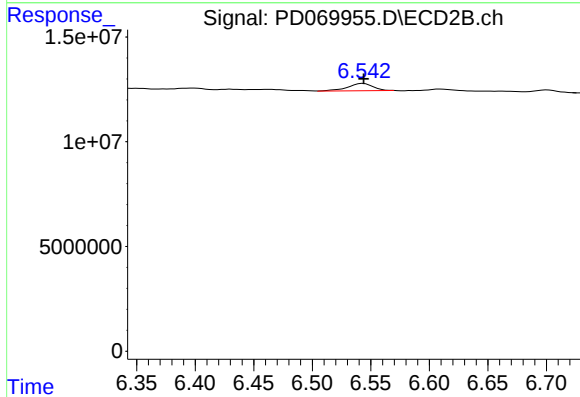
#12 4,4'-DDE

R.T.: 5.600 min
Delta R.T.: 0.000 min
Response: 396996
Conc: 0.31 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

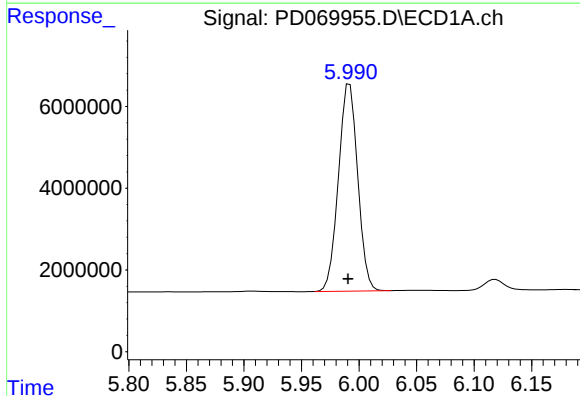
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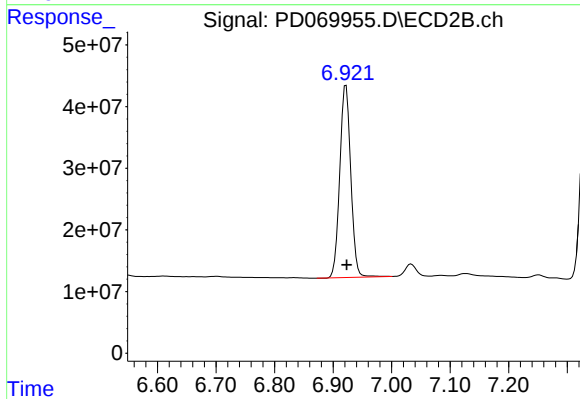
#12 4,4'-DDE

R.T.: 6.542 min
Delta R.T.: -0.002 min
Response: 5280191
Conc: 0.58 ng/ml m



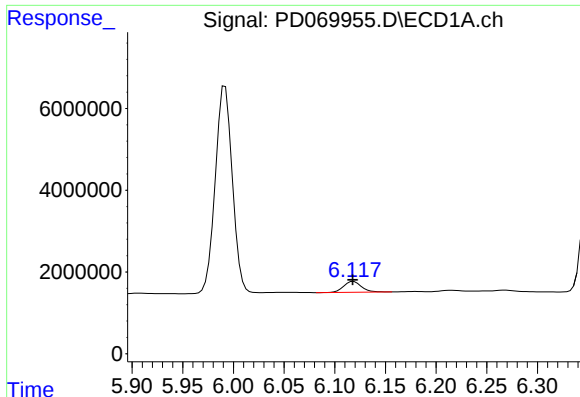
#14 Endrin

R.T.: 5.992 min
Delta R.T.: 0.001 min
Response: 59149645
Conc: 51.23 ng/ml



#14 Endrin

R.T.: 6.922 min
Delta R.T.: -0.002 min
Response: 407503454
Conc: 60.38 ng/ml



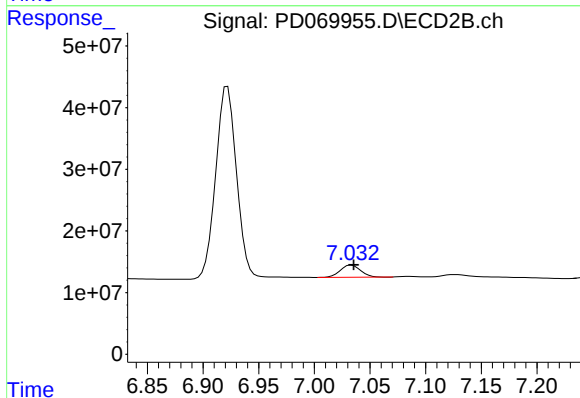
#16 4,4'-DDD

R.T.: 6.119 min
Delta R.T.: 0.000 min
Response: 3168473
Conc: 2.93 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

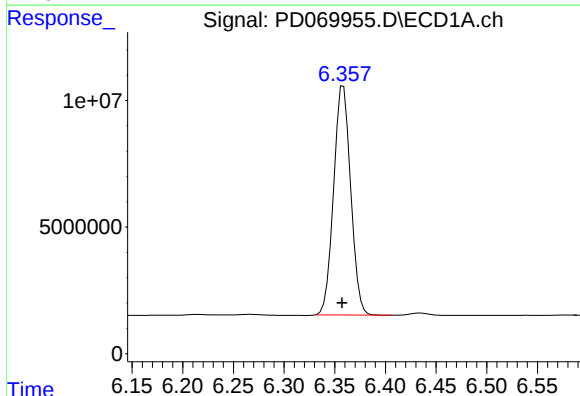
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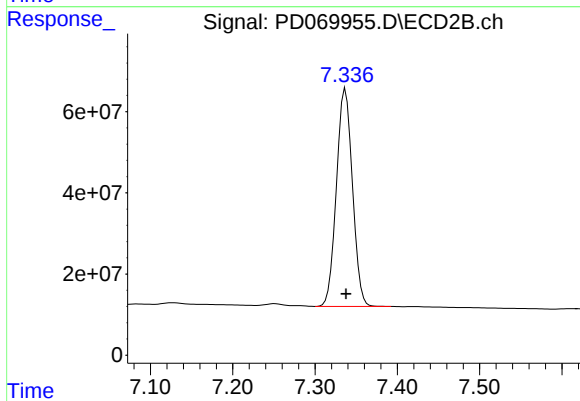
#16 4,4'-DDD

R.T.: 7.034 min
Delta R.T.: -0.002 min
Response: 25038622
Conc: 3.38 ng/ml



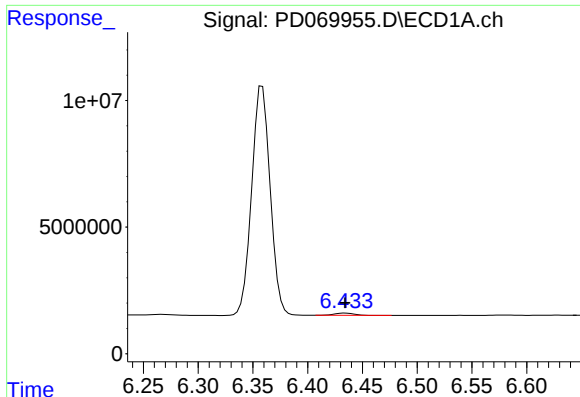
#17 4,4'-DDT

R.T.: 6.359 min
Delta R.T.: 0.001 min
Response: 106138362
Conc: 107.09 ng/ml



#17 4,4'-DDT

R.T.: 7.337 min
Delta R.T.: 0.000 min
Response: 725799227
Conc: 99.18 ng/ml



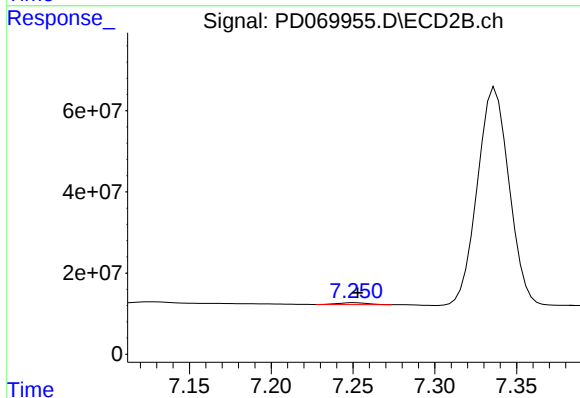
#18 Endrin aldehyde

R.T.: 6.434 min
Delta R.T.: 0.000 min
Response: 1121529
Conc: 1.31 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

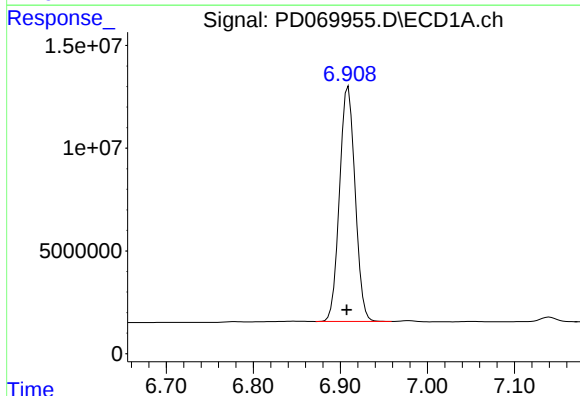
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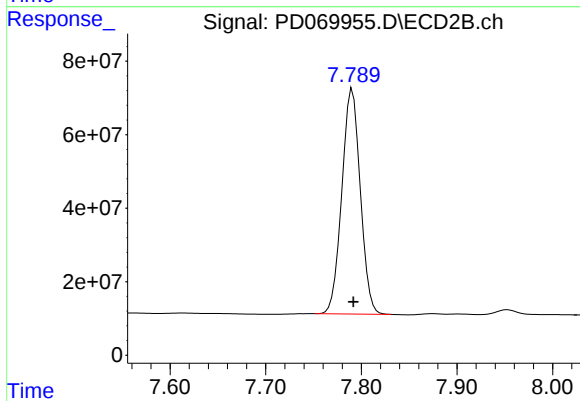
#18 Endrin aldehyde

R.T.: 7.250 min
Delta R.T.: -0.003 min
Response: 5690562
Conc: 0.99 ng/ml m



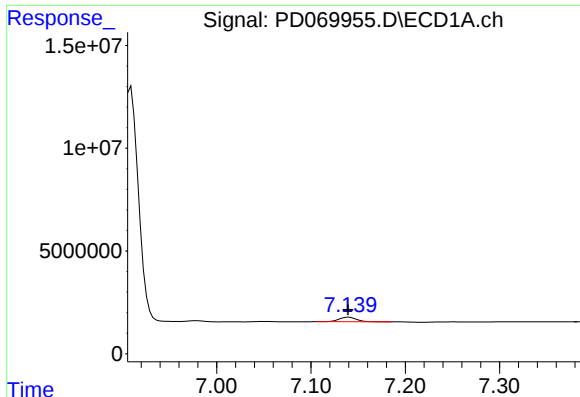
#20 Methoxychlor

R.T.: 6.909 min
Delta R.T.: 0.002 min
Response: 142192814
Conc: 250.65 ng/ml



#20 Methoxychlor

R.T.: 7.791 min
Delta R.T.: 0.000 min
Response: 824193609
Conc: 231.15 ng/ml



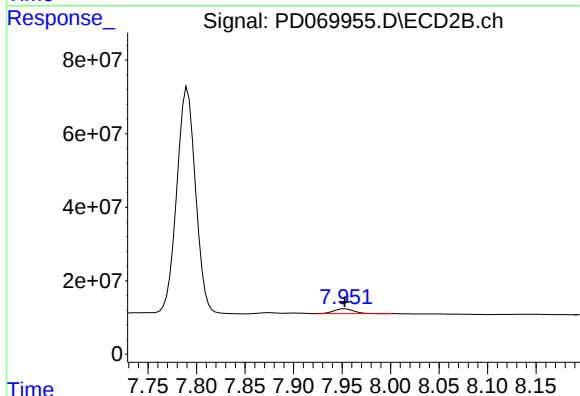
#21 Endrin ketone

R.T.: 7.140 min
Delta R.T.: 0.000 min
Response: 2783954
Conc: 2.09 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

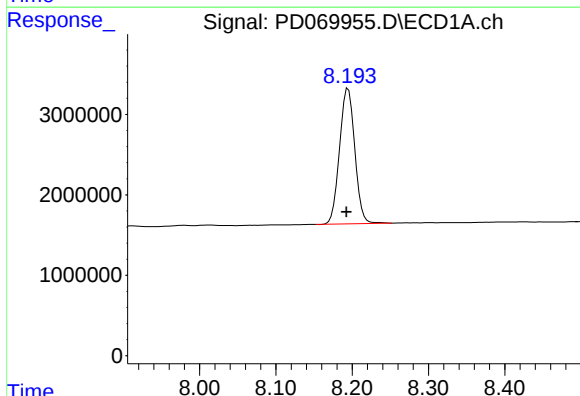
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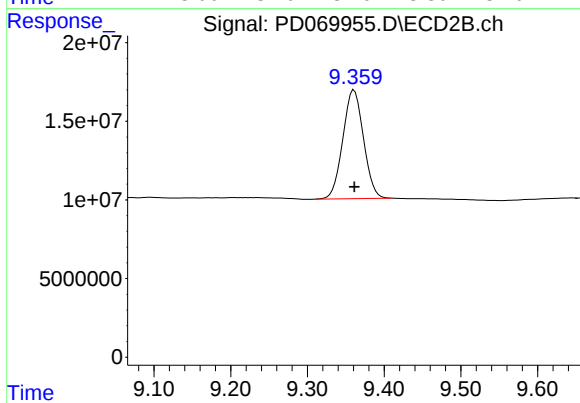
#21 Endrin ketone

R.T.: 7.953 min
Delta R.T.: 0.000 min
Response: 18993761
Conc: 2.39 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.195 min
Delta R.T.: 0.002 min
Response: 23398776
Conc: 21.45 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.361 min
Delta R.T.: 0.000 min
Response: 130058557
Conc: 24.05 ng/ml