

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD060322\
 Data File : PD070004.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 03 Jun 2022 02:48
 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 05:49:50 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 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...	3.442	4.169	20790409	196.5E6	19.536	22.301
28)	SA Decachlor...	8.195	9.365	21915671	123.9E6	20.093	22.906
Target Compounds							
2)	A alpha-BHC	3.880	4.565	14761454	147.6E6	9.008	11.273 #
3)	MA gamma-BHC...	4.164	4.855	16248025	138.1E6	9.414	11.194
6)	B beta-BHC	4.414	5.019	7513140	65137575	10.795	12.400
12)	B 4,4'-DDE	5.600	6.544	348490	4747469	0.275m	0.525m#
14)	MA Endrin	5.992	6.925	50190489	356.4E6	43.467	52.802
16)	A 4,4'-DDD	6.119	7.036	7608578	63975659	7.032	8.639
17)	MA 4,4'-DDT	6.359	7.339	85383463	619.9E6	86.153	84.709
18)	B Endrin al...	6.436	7.254	2465696	19895365	2.870	3.465
20)	A Methoxychlor	6.910	7.793	118.8E6	742.8E6	209.393	208.325
21)	B Endrin ke...	7.141	7.955	5520253	34980762	4.143	4.394

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

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Acq On : 03 Jun 2022 02:48
Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

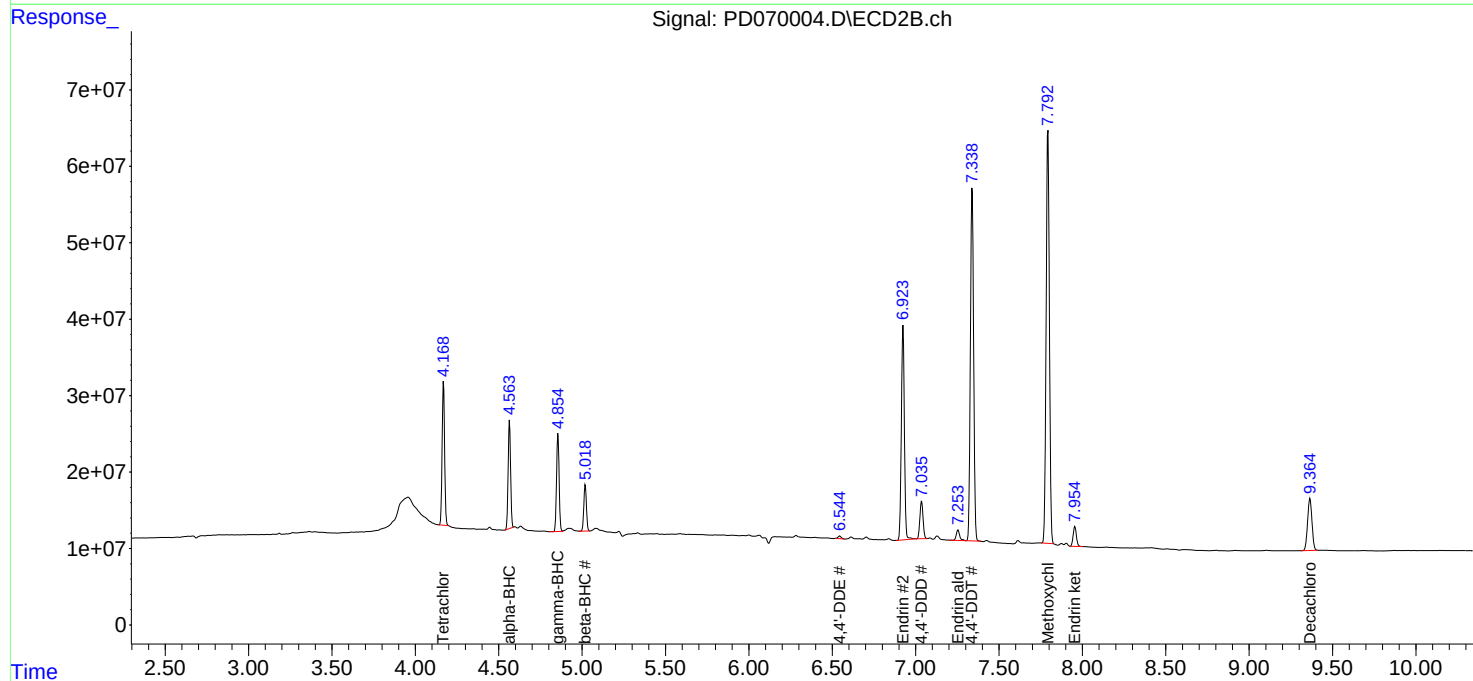
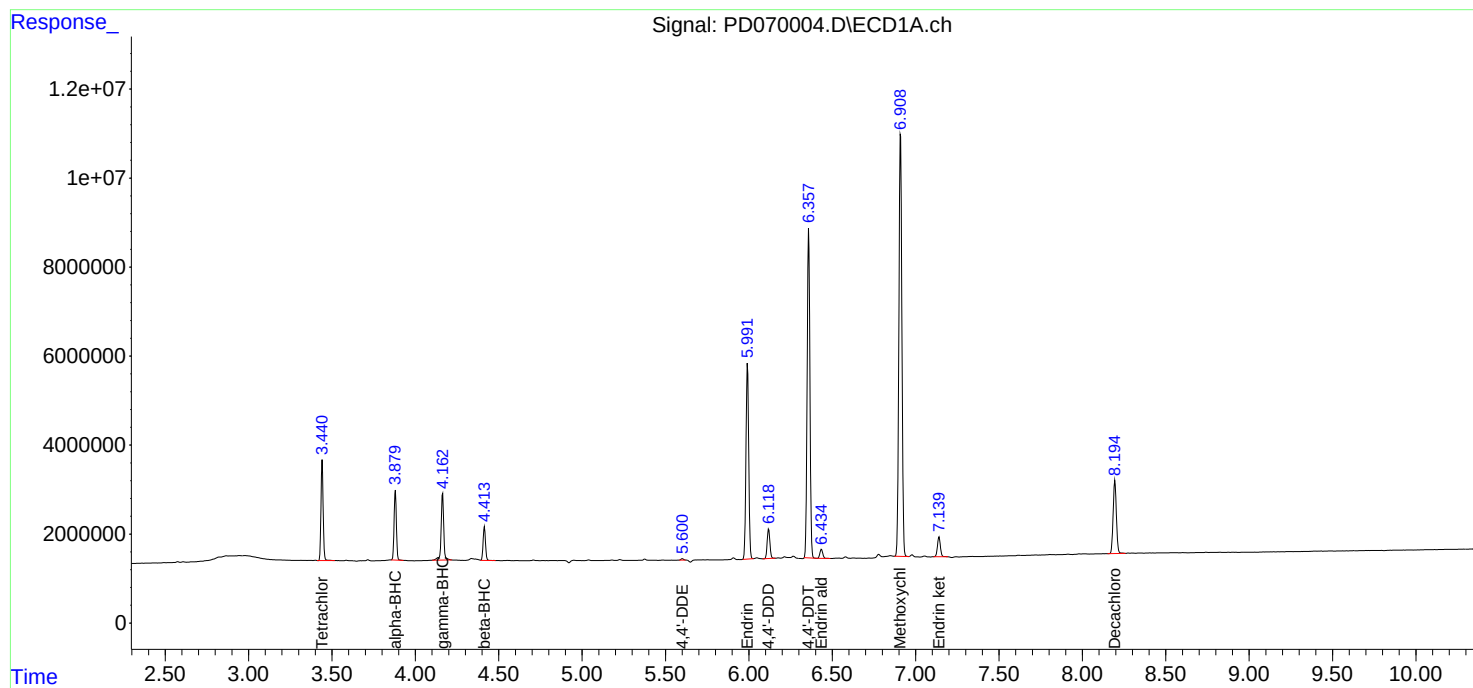
Instrument :
ECD_D
ClientSampleId :
PEM

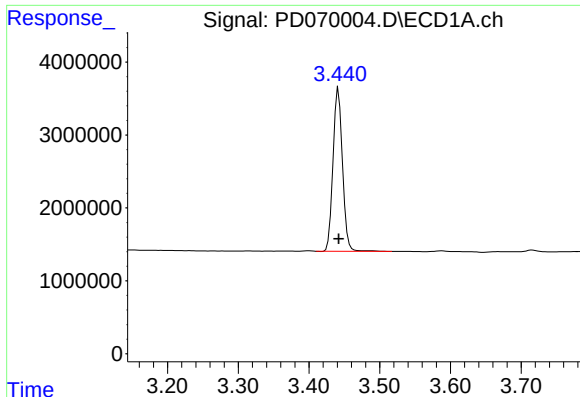
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Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
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Quant Title : GC Extractables
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Volume Inj. : 2 µl
Signal #1 Phase : 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





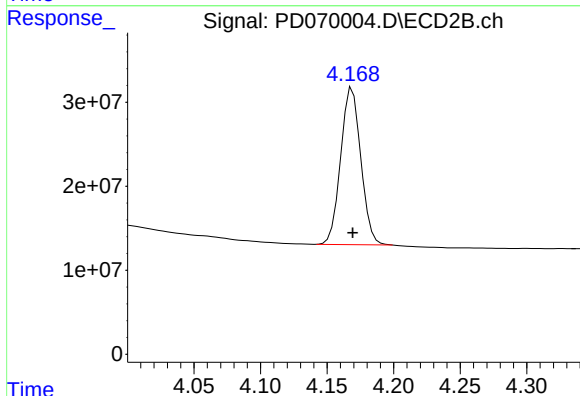
#1 Tetrachloro-m-xylene

R.T.: 3.442 min
Delta R.T.: 0.000 min
Response: 20790409
Conc: 19.54 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

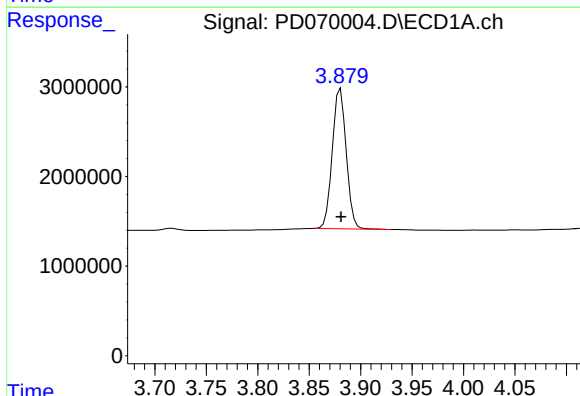
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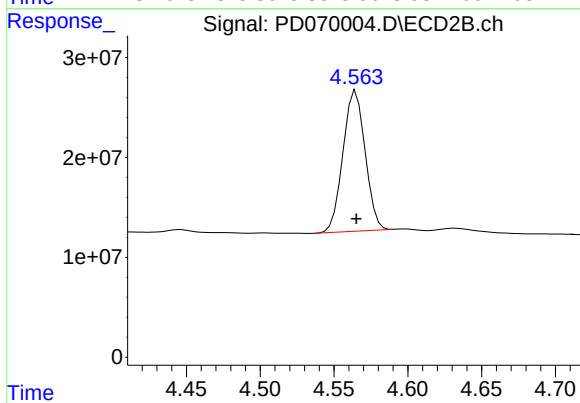
#1 Tetrachloro-m-xylene

R.T.: 4.169 min
Delta R.T.: 0.000 min
Response: 196507505
Conc: 22.30 ng/ml



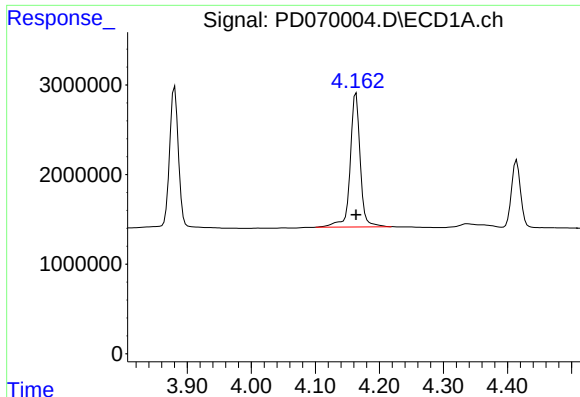
#2 alpha-BHC

R.T.: 3.880 min
Delta R.T.: 0.000 min
Response: 14761454
Conc: 9.01 ng/ml



#2 alpha-BHC

R.T.: 4.565 min
Delta R.T.: 0.000 min
Response: 147626608
Conc: 11.27 ng/ml



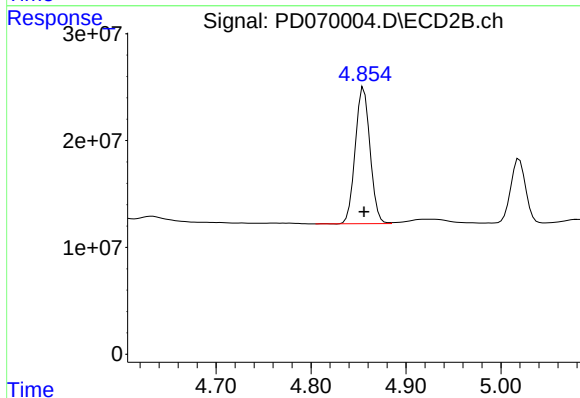
#3 gamma-BHC (Lindane)

R.T.: 4.164 min
Delta R.T.: 0.000 min
Response: 16248025
Conc: 9.41 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

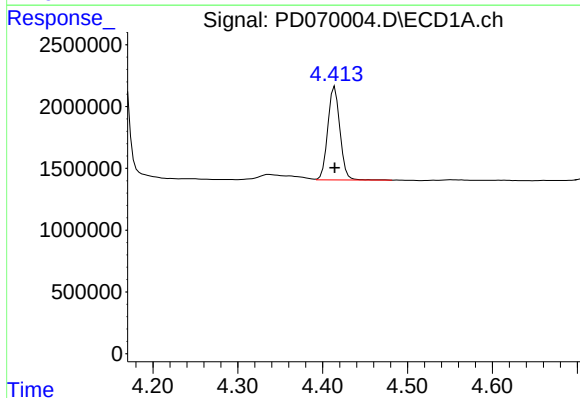
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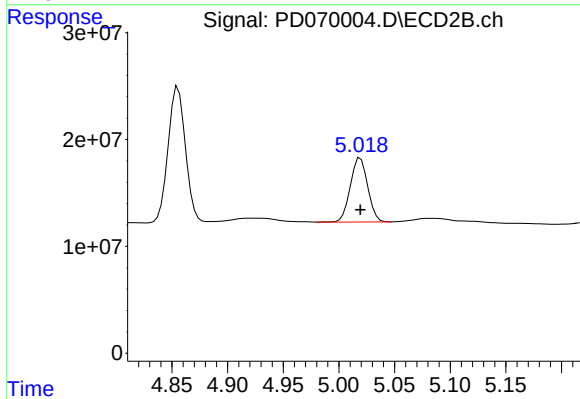
#3 gamma-BHC (Lindane)

R.T.: 4.855 min
Delta R.T.: 0.000 min
Response: 138089423
Conc: 11.19 ng/ml



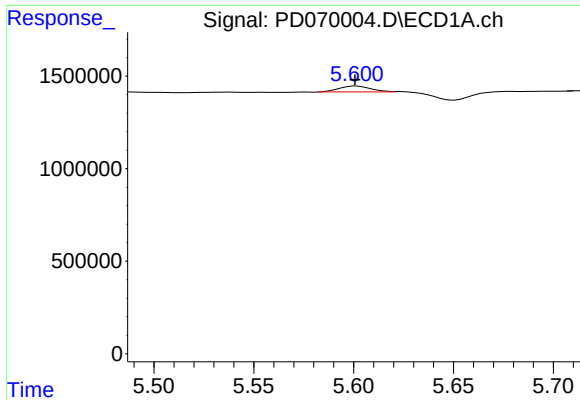
#6 beta-BHC

R.T.: 4.414 min
Delta R.T.: 0.000 min
Response: 7513140
Conc: 10.79 ng/ml



#6 beta-BHC

R.T.: 5.019 min
Delta R.T.: 0.000 min
Response: 65137575
Conc: 12.40 ng/ml



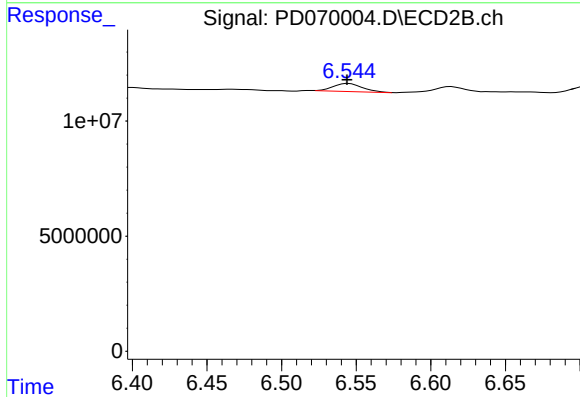
#12 4,4'-DDE

R.T.: 5.600 min
Delta R.T.: 0.000 min
Response: 348490
Conc: 0.28 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

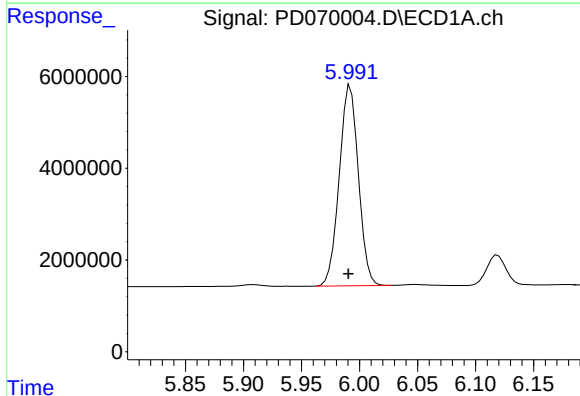
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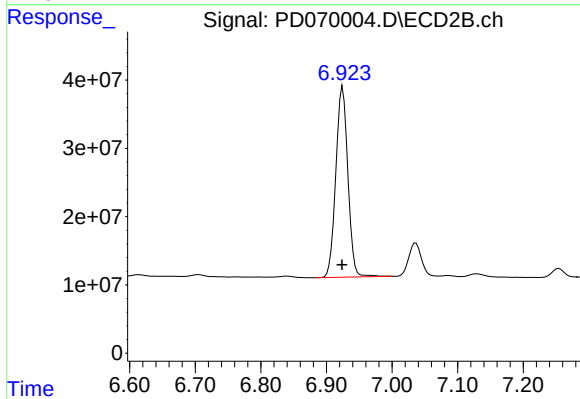
#12 4,4'-DDE

R.T.: 6.544 min
Delta R.T.: 0.000 min
Response: 4747469
Conc: 0.52 ng/ml m



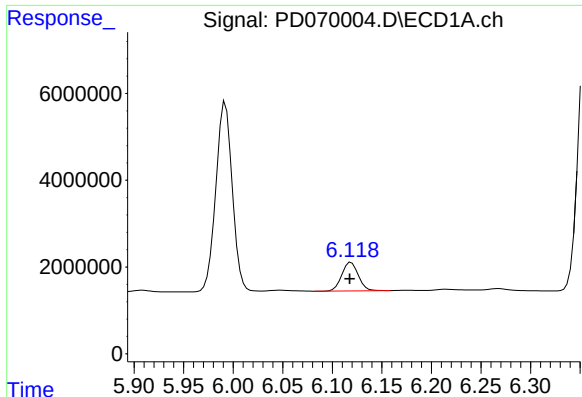
#14 Endrin

R.T.: 5.992 min
Delta R.T.: 0.002 min
Response: 50190489
Conc: 43.47 ng/ml



#14 Endrin

R.T.: 6.925 min
Delta R.T.: 0.001 min
Response: 356369576
Conc: 52.80 ng/ml



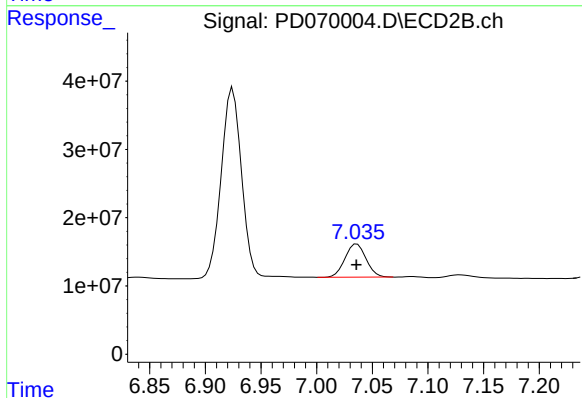
#16 4,4'-DDD

R.T.: 6.119 min
Delta R.T.: 0.001 min
Response: 7608578
Conc: 7.03 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

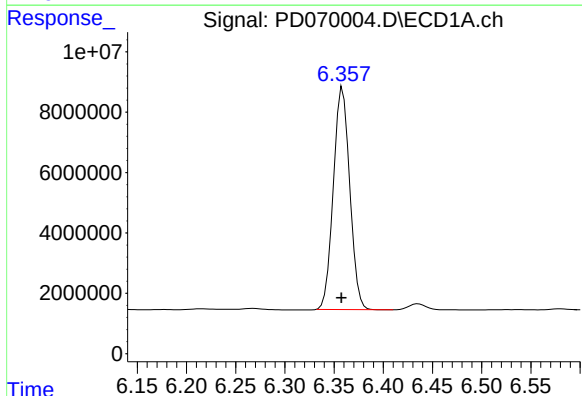
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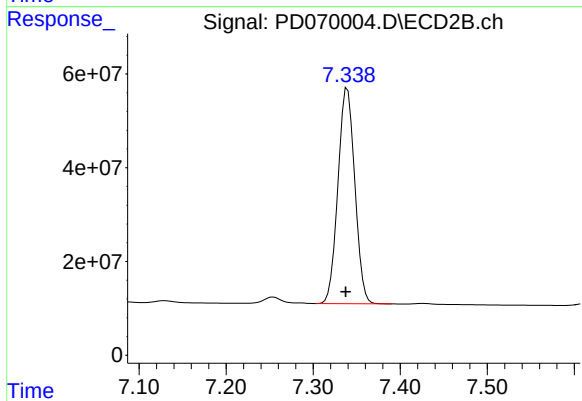
#16 4,4'-DDD

R.T.: 7.036 min
Delta R.T.: 0.000 min
Response: 63975659
Conc: 8.64 ng/ml



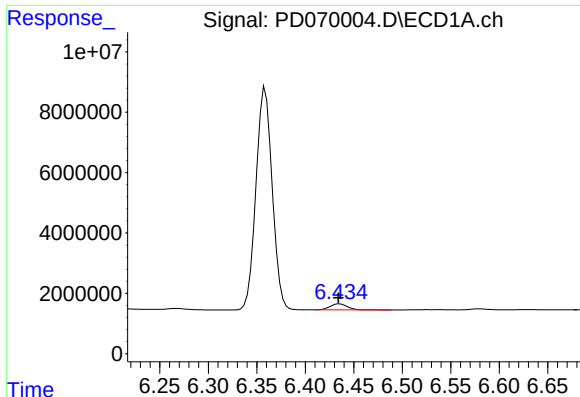
#17 4,4'-DDT

R.T.: 6.359 min
Delta R.T.: 0.001 min
Response: 85383463
Conc: 86.15 ng/ml



#17 4,4'-DDT

R.T.: 7.339 min
Delta R.T.: 0.002 min
Response: 619909660
Conc: 84.71 ng/ml



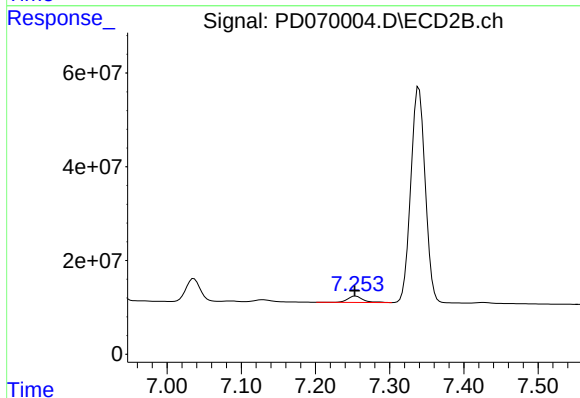
#18 Endrin aldehyde

R.T.: 6.436 min
Delta R.T.: 0.001 min
Response: 2465696
Conc: 2.87 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

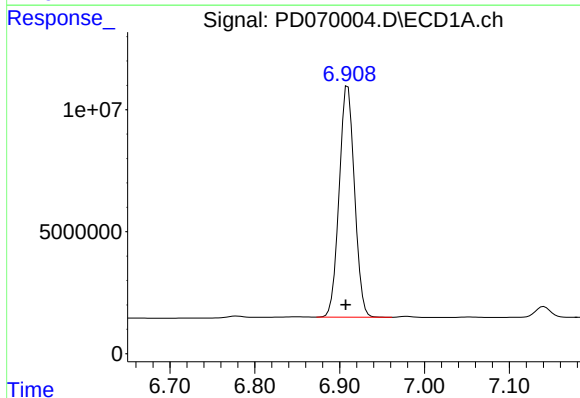
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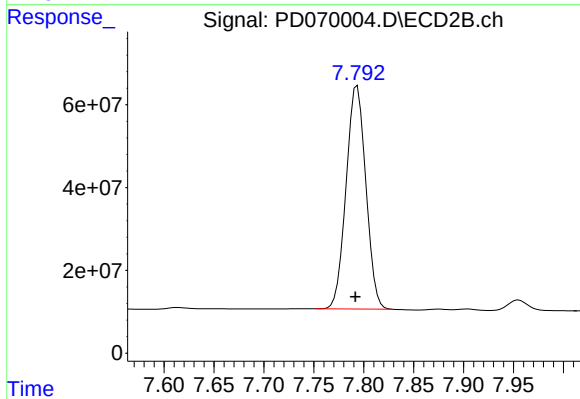
#18 Endrin aldehyde

R.T.: 7.254 min
Delta R.T.: 0.001 min
Response: 19895365
Conc: 3.47 ng/ml



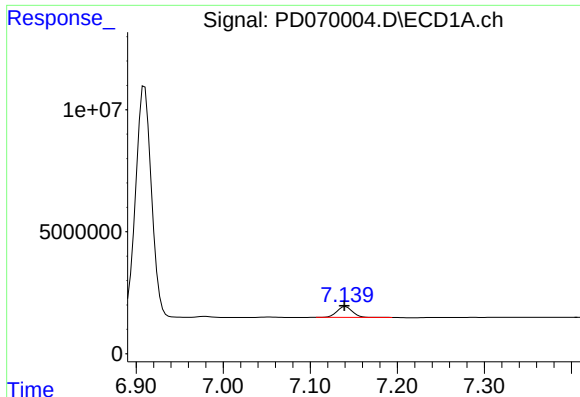
#20 Methoxychlor

R.T.: 6.910 min
Delta R.T.: 0.002 min
Response: 118789115
Conc: 209.39 ng/ml



#20 Methoxychlor

R.T.: 7.793 min
Delta R.T.: 0.002 min
Response: 742807775
Conc: 208.33 ng/ml



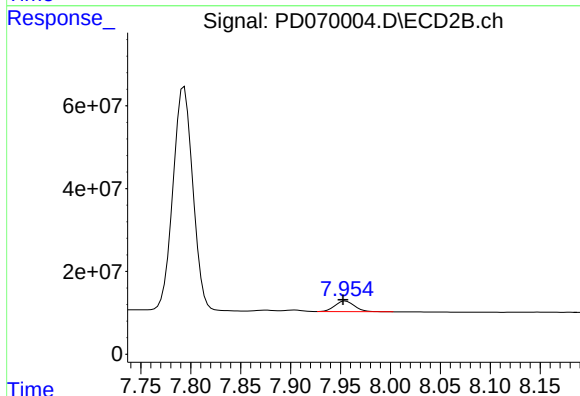
#21 Endrin ketone

R.T.: 7.141 min
Delta R.T.: 0.001 min
Response: 5520253
Conc: 4.14 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

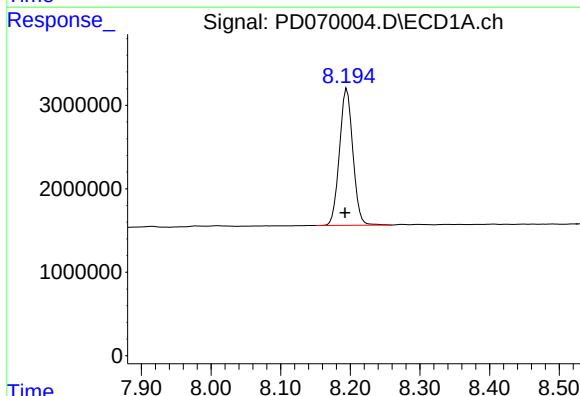
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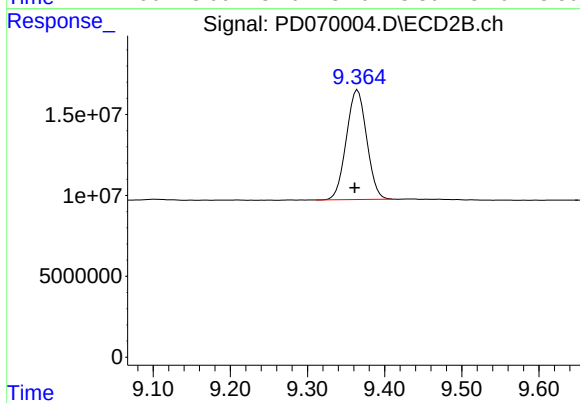
#21 Endrin ketone

R.T.: 7.955 min
Delta R.T.: 0.003 min
Response: 34980762
Conc: 4.39 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.195 min
Delta R.T.: 0.003 min
Response: 21915671
Conc: 20.09 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.365 min
Delta R.T.: 0.004 min
Response: 123880553
Conc: 22.91 ng/ml