

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD111323\
 Data File : PD079594.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 09 Nov 2023 08:37
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 11/10/2023
 Supervised By : Ankita Jodhani 11/10/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 09 20:00:40 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD102023.M
 Quant Title : GC Extractables
 QLast Update : Fri Oct 20 04:44:01 2023
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds							
1)	SA Tetrachlo...	3.569	2.803	31297048	49565325	19.384	21.408
28)	SA Decachlor...	9.120	7.948	41056673	55158290	20.467	22.629m
Target Compounds							
2)	A alpha-BHC	4.027	3.306	25346910	38340598	9.522	11.057
3)	MA gamma-BHC...	4.360	3.635	24765704	36437025	9.530	10.730
6)	B beta-BHC	4.553	3.930	11843002	17756839	11.052	12.602
12)	B 4,4'-DDE	6.230	5.267	238434	688698	0.113m	0.259 #
14)	MA Endrin	6.617	5.671	84076690	136.3E6	43.169	53.244
16)	A 4,4'-DDD	6.747	5.819	2065922	3324812	1.175	1.456
17)	MA 4,4'-DDT	7.063	6.070	178.7E6	268.6E6	94.350	117.314
18)	B Endrin al...	6.964	6.144	3490882	6231480	2.260	3.352 #
20)	A Methoxychlor	7.537	6.645	229.9E6	338.2E6	209.797	249.130
21)	B Endrin ke...	7.686	6.872	7213716	11907547	3.309	4.259 #

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

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Acq On : 09 Nov 2023 08:37
Operator : AR\AJ
Sample : PEM
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ALS Vial : 3 Sample Multiplier: 1

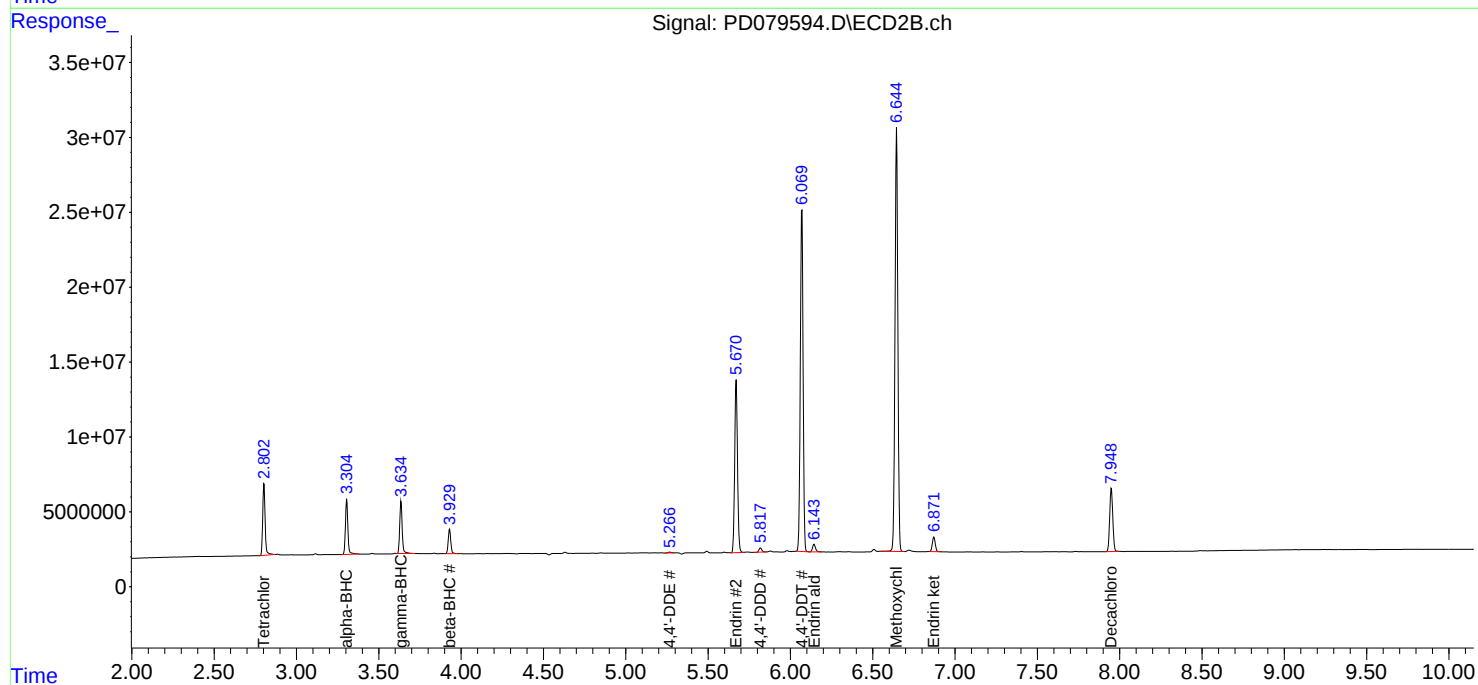
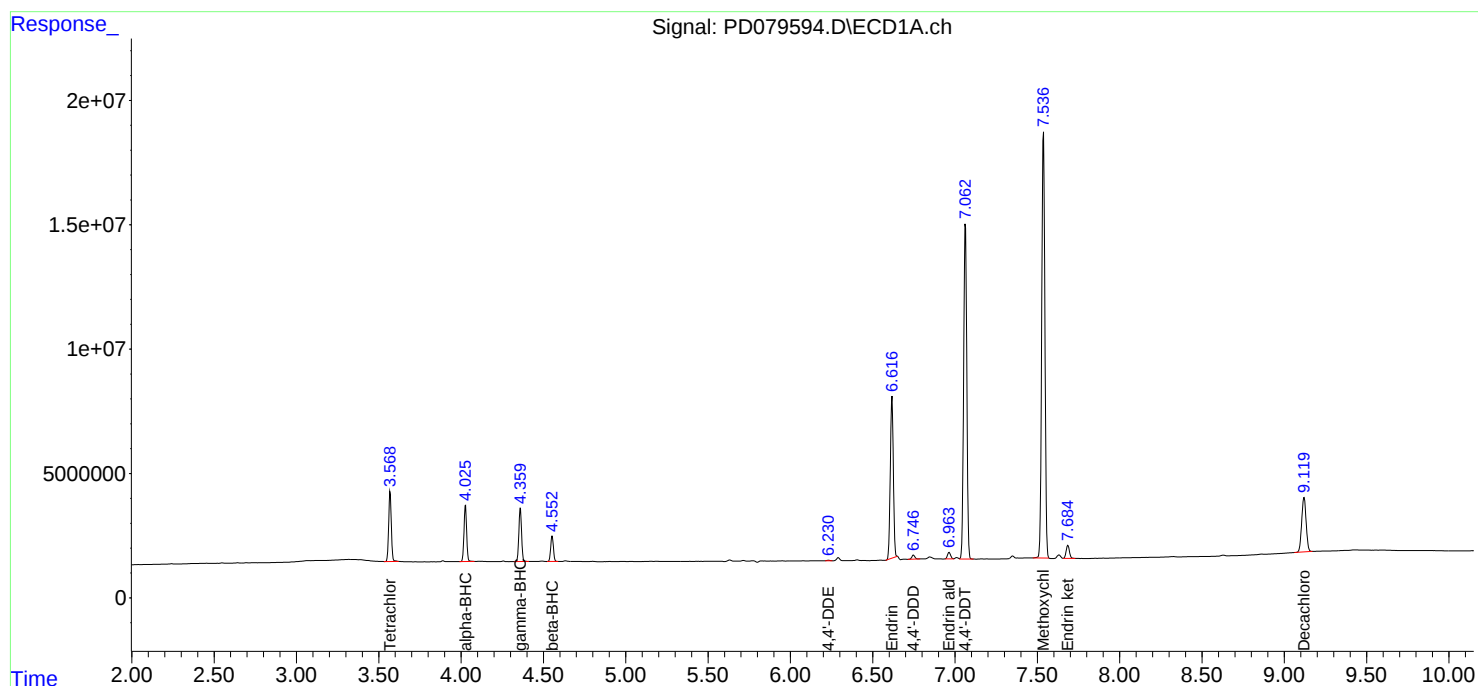
Instrument :
ECD_D
ClientSampleId :
PEM

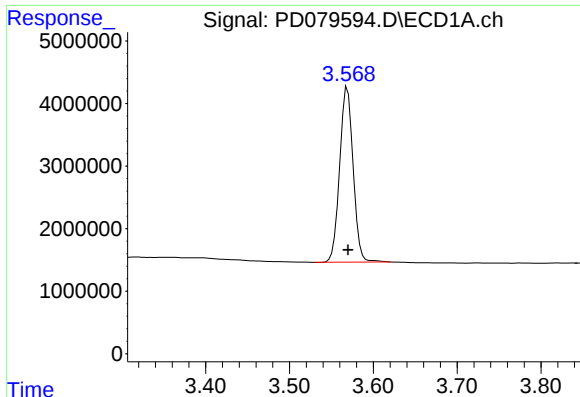
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Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm





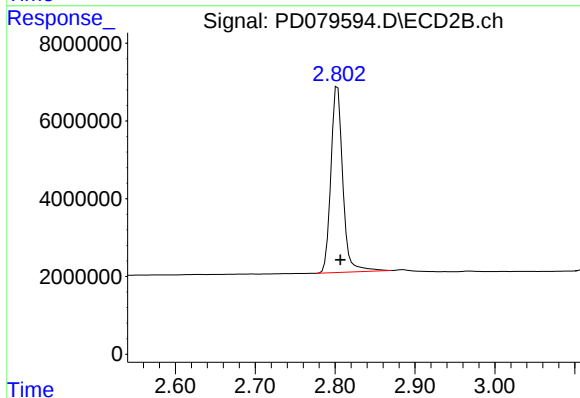
#1 Tetrachloro-m-xylene

R.T.: 3.569 min
Delta R.T.: 0.000 min
Response: 31297048
Conc: 19.38 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

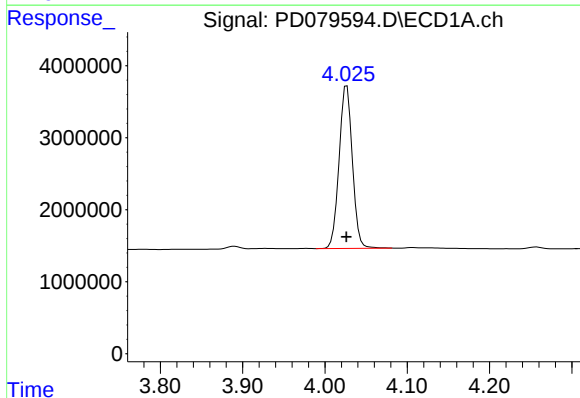
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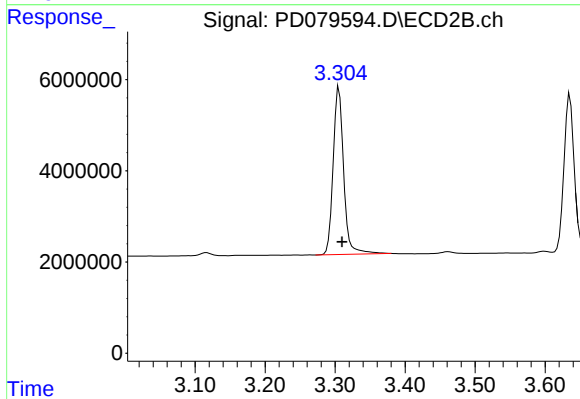
#1 Tetrachloro-m-xylene

R.T.: 2.803 min
Delta R.T.: -0.003 min
Response: 49565325
Conc: 21.41 ng/ml



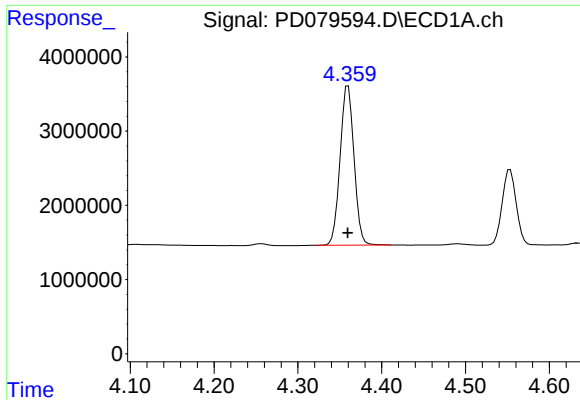
#2 alpha-BHC

R.T.: 4.027 min
Delta R.T.: 0.000 min
Response: 25346910
Conc: 9.52 ng/ml



#2 alpha-BHC

R.T.: 3.306 min
Delta R.T.: -0.004 min
Response: 38340598
Conc: 11.06 ng/ml



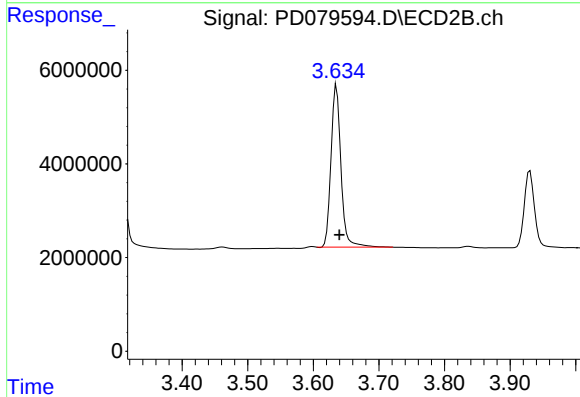
#3 gamma-BHC (Lindane)

R.T.: 4.360 min
Delta R.T.: 0.000 min
Response: 24765704
Conc: 9.53 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

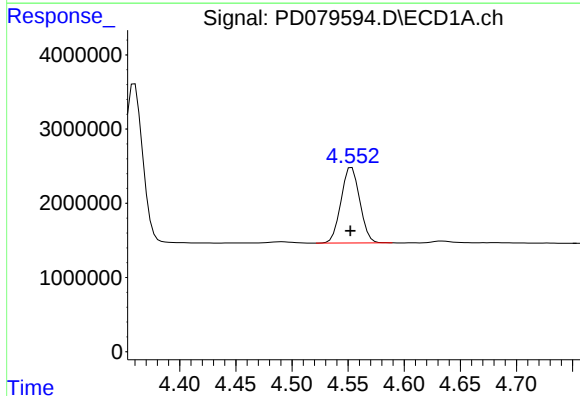
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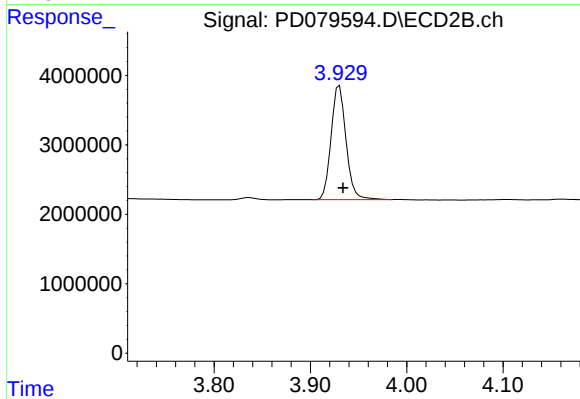
#3 gamma-BHC (Lindane)

R.T.: 3.635 min
Delta R.T.: -0.004 min
Response: 36437025
Conc: 10.73 ng/ml



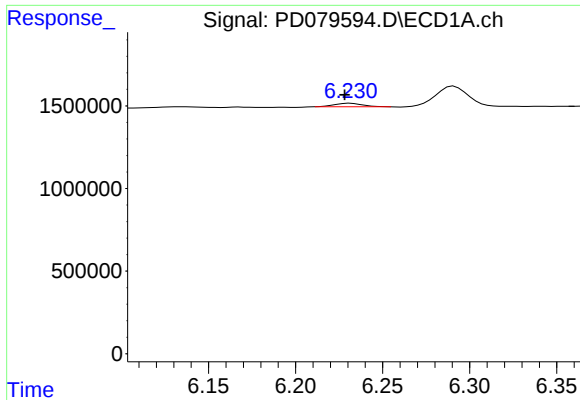
#6 beta-BHC

R.T.: 4.553 min
Delta R.T.: 0.001 min
Response: 11843002
Conc: 11.05 ng/ml



#6 beta-BHC

R.T.: 3.930 min
Delta R.T.: -0.004 min
Response: 17756839
Conc: 12.60 ng/ml



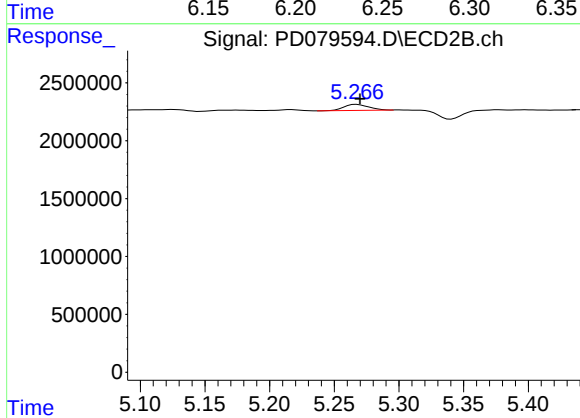
#12 4,4'-DDE

R.T.: 6.230 min
Delta R.T.: 0.002 min
Response: 238434
Conc: 0.11 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

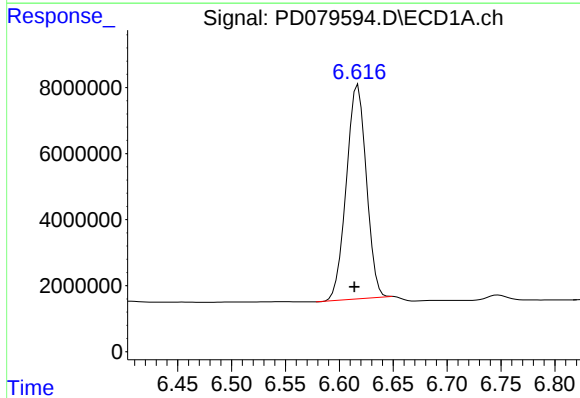
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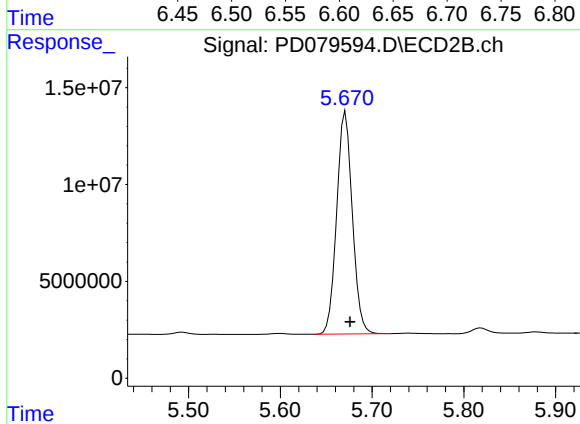
#12 4,4'-DDE

R.T.: 5.267 min
Delta R.T.: -0.003 min
Response: 688698
Conc: 0.26 ng/ml



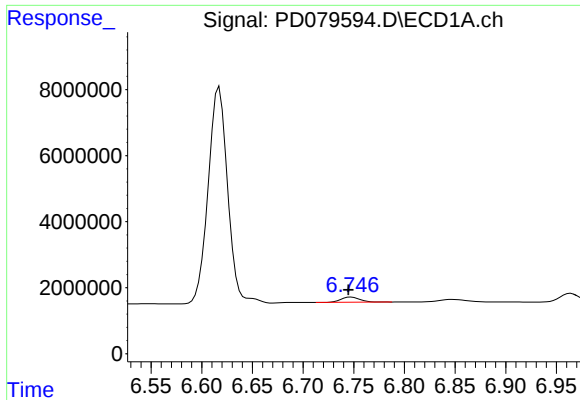
#14 Endrin

R.T.: 6.617 min
Delta R.T.: 0.003 min
Response: 84076690
Conc: 43.17 ng/ml



#14 Endrin

R.T.: 5.671 min
Delta R.T.: -0.005 min
Response: 136258425
Conc: 53.24 ng/ml



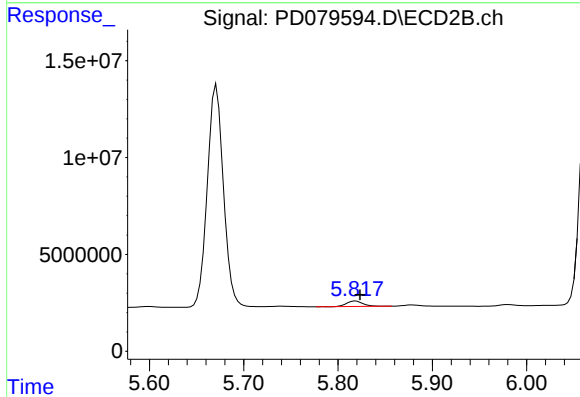
#16 4,4'-DDD

R.T.: 6.747 min
Delta R.T.: 0.003 min
Response: 2065922
Conc: 1.18 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

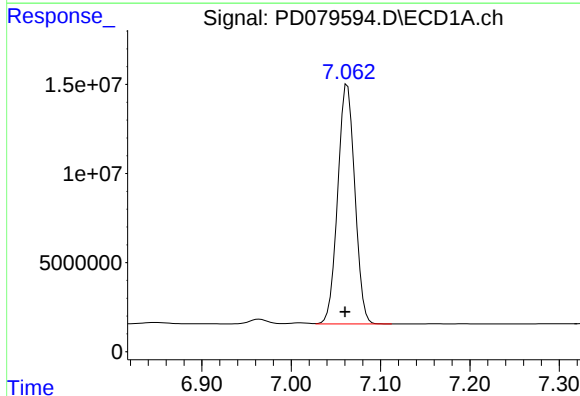
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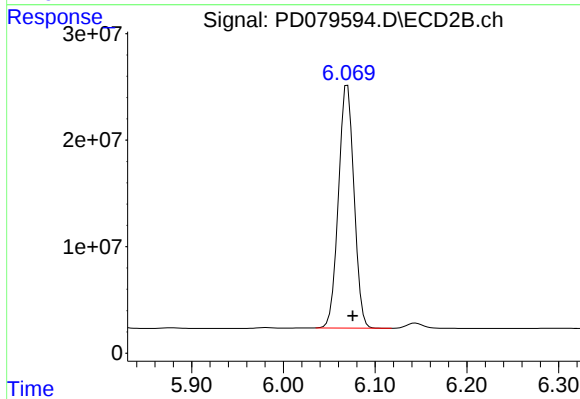
#16 4,4'-DDD

R.T.: 5.819 min
Delta R.T.: -0.005 min
Response: 3324812
Conc: 1.46 ng/ml



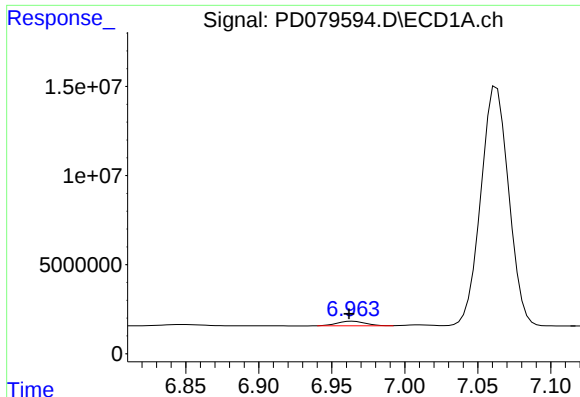
#17 4,4'-DDT

R.T.: 7.063 min
Delta R.T.: 0.003 min
Response: 178667371
Conc: 94.35 ng/ml



#17 4,4'-DDT

R.T.: 6.070 min
Delta R.T.: -0.006 min
Response: 268575426
Conc: 117.31 ng/ml



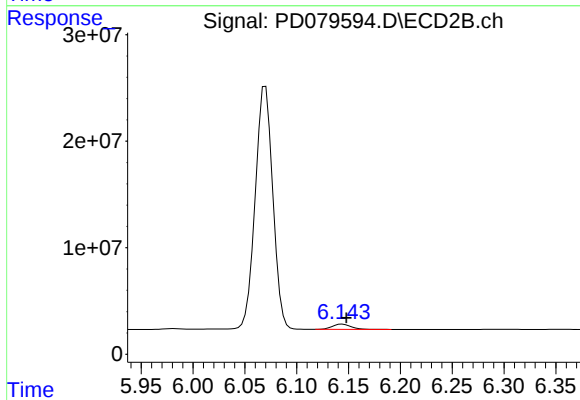
#18 Endrin aldehyde

R.T.: 6.964 min
Delta R.T.: 0.003 min
Response: 3490882
Conc: 2.26 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

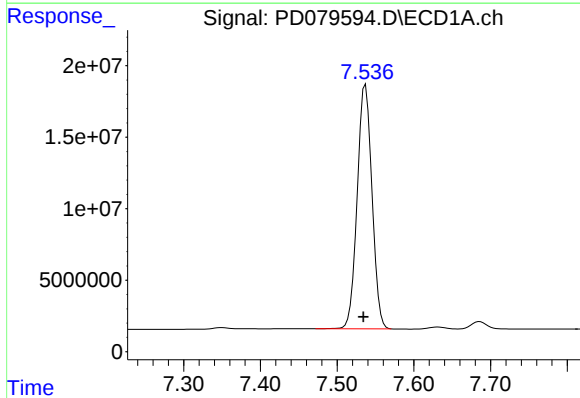
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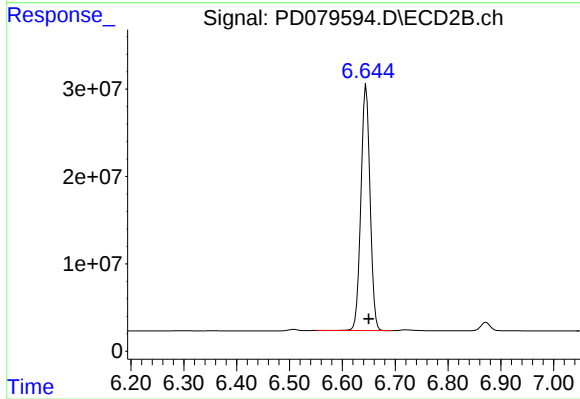
#18 Endrin aldehyde

R.T.: 6.144 min
Delta R.T.: -0.004 min
Response: 6231480
Conc: 3.35 ng/ml



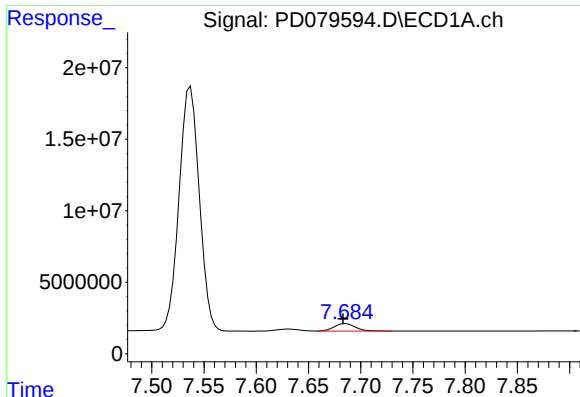
#20 Methoxychlor

R.T.: 7.537 min
Delta R.T.: 0.003 min
Response: 229890382
Conc: 209.80 ng/ml



#20 Methoxychlor

R.T.: 6.645 min
Delta R.T.: -0.005 min
Response: 338226063
Conc: 249.13 ng/ml



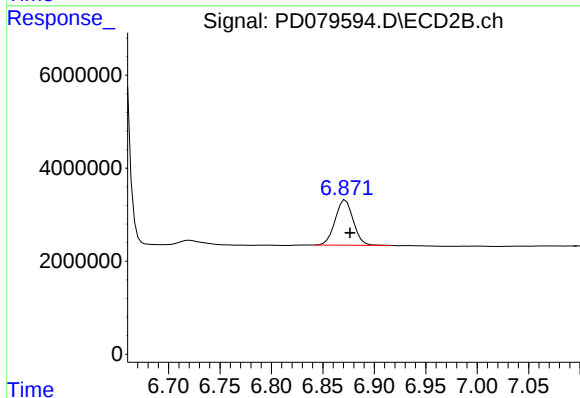
#21 Endrin ketone

R.T.: 7.686 min
Delta R.T.: 0.002 min
Response: 7213716
Conc: 3.31 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

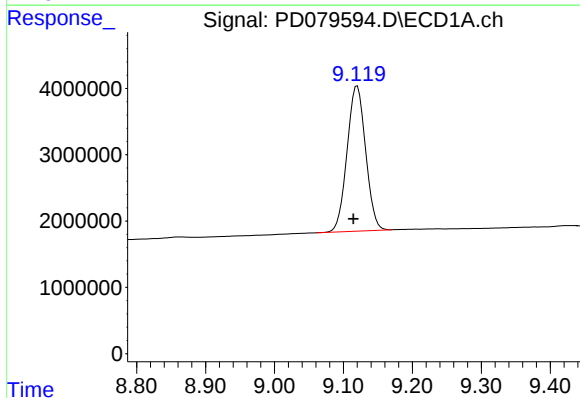
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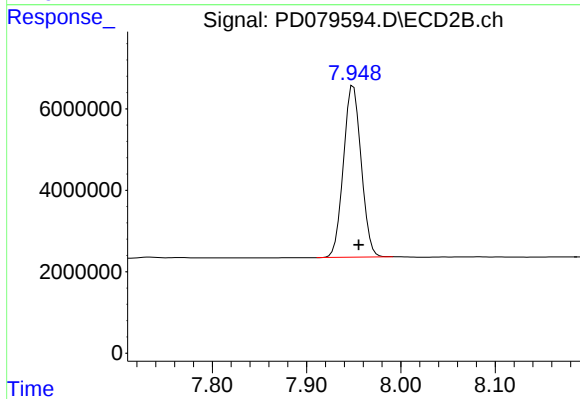
#21 Endrin ketone

R.T.: 6.872 min
Delta R.T.: -0.004 min
Response: 11907547
Conc: 4.26 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.120 min
Delta R.T.: 0.005 min
Response: 41056673
Conc: 20.47 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.948 min
Delta R.T.: -0.007 min
Response: 55158290
Conc: 22.63 ng/ml m