

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD051022\
 Data File : PD069495.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 09 May 2022 16:05
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 05/10/2022
 Supervised By :mohammad ahmed 05/10/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 09 18:31:38 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...	3.444	4.172	24869042	242.1E6	22.403	22.579
28)	SA Decachlor...	8.198	9.366	28864855	158.7E6	23.117	24.254
Target Compounds							
2)	A alpha-BHC	3.883	4.568	17659270	177.2E6	10.822	11.493
3)	MA gamma-BHC...	4.166	4.859	19496308	163.5E6	11.397	11.579
6)	B beta-BHC	4.417	5.022	8812856	76906775	12.676	12.518
12)	B 4,4'-DDE	5.604	6.546	622244	5605062	0.492m	0.519m
14)	MA Endrin	5.995	6.928	67540140	483.2E6	55.862	53.272
16)	A 4,4'-DDD	6.123	7.039	3377012	40428045	3.098	4.694 #
17)	MA 4,4'-DDT	6.363	7.342	121.7E6	853.4E6	113.210	98.393
18)	B Endrin al...	6.438	7.256	1368860	9865778	1.483	1.427m
20)	A Methoxychlor	6.912	7.795	162.3E6	1001.3E6	255.415	232.251
21)	B Endrin ke...	7.144	7.957	3456701	22419674	2.455	2.480

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

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Data File : PD069495.D
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Acq On : 09 May 2022 16:05
Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

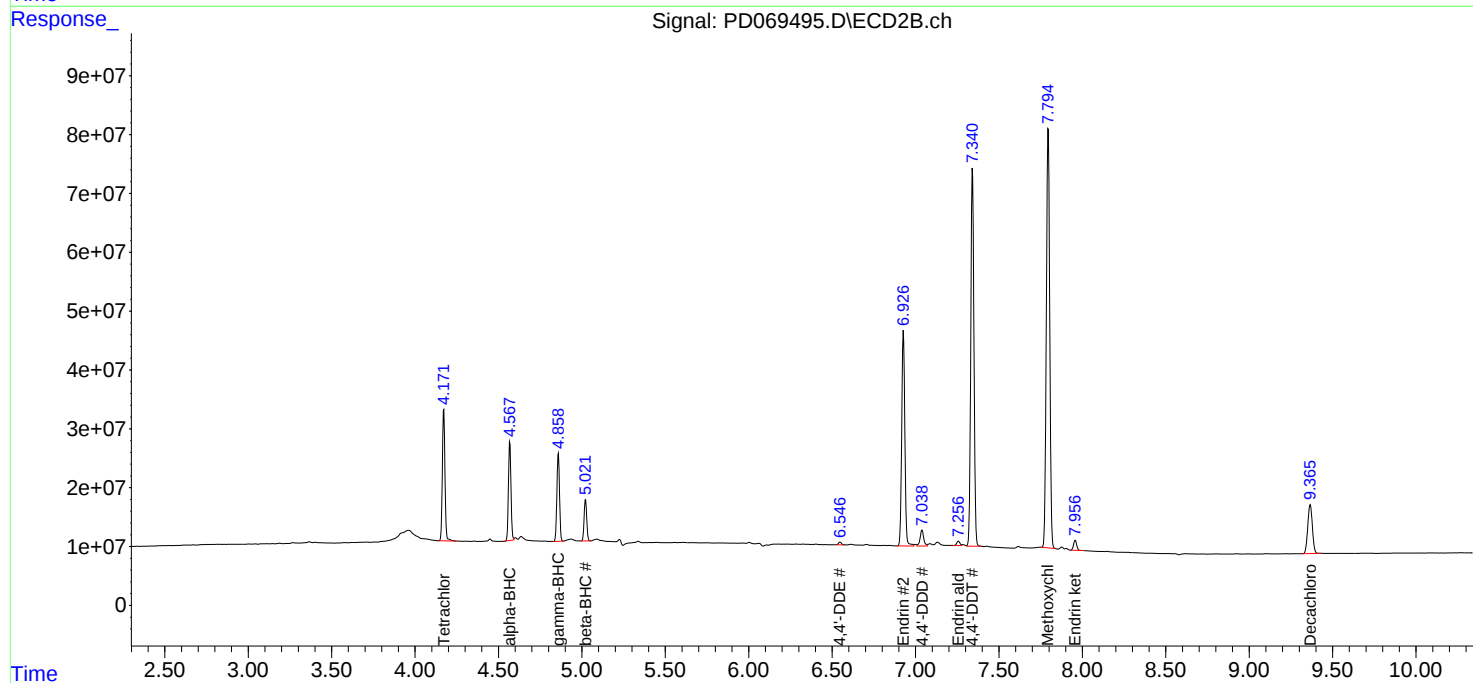
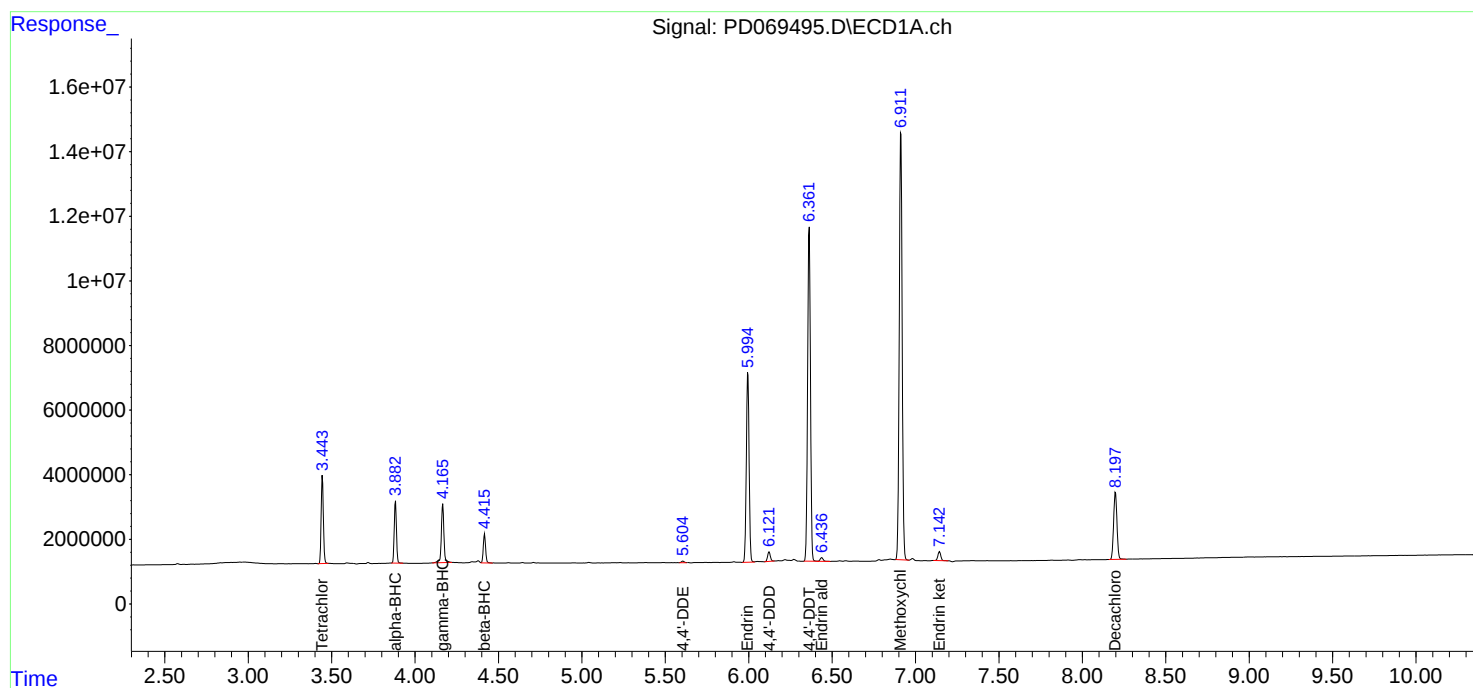
Instrument :
ECD_D
ClientSampleId :
PEM

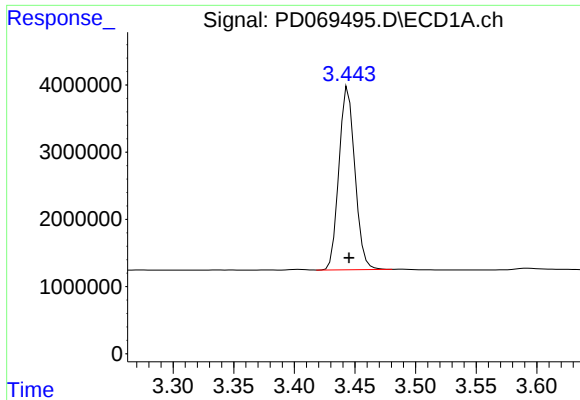
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Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 09 18:31:38 2022
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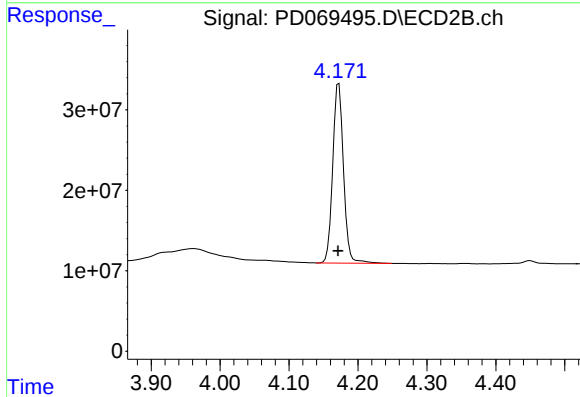
#1 Tetrachloro-m-xylene

R.T.: 3.444 min
Delta R.T.: 0.000 min
Response: 24869042
Conc: 22.40 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

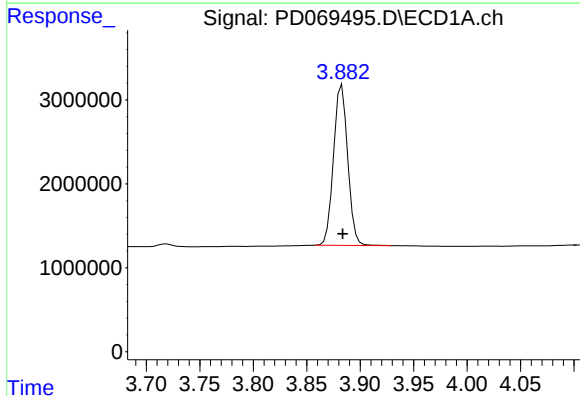
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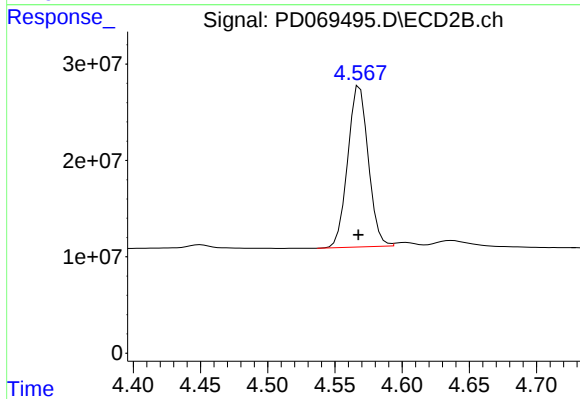
#1 Tetrachloro-m-xylene

R.T.: 4.172 min
Delta R.T.: 0.000 min
Response: 242087212
Conc: 22.58 ng/ml



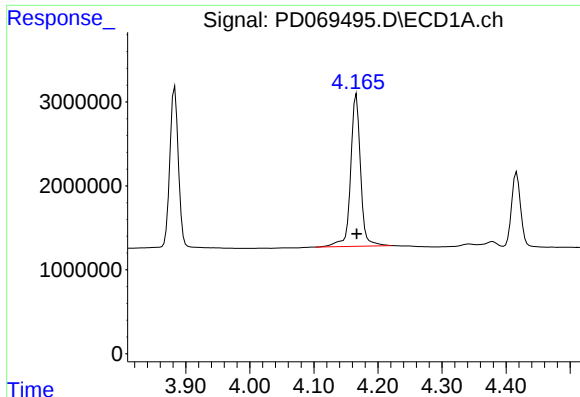
#2 alpha-BHC

R.T.: 3.883 min
Delta R.T.: 0.000 min
Response: 17659270
Conc: 10.82 ng/ml



#2 alpha-BHC

R.T.: 4.568 min
Delta R.T.: 0.000 min
Response: 177218117
Conc: 11.49 ng/ml



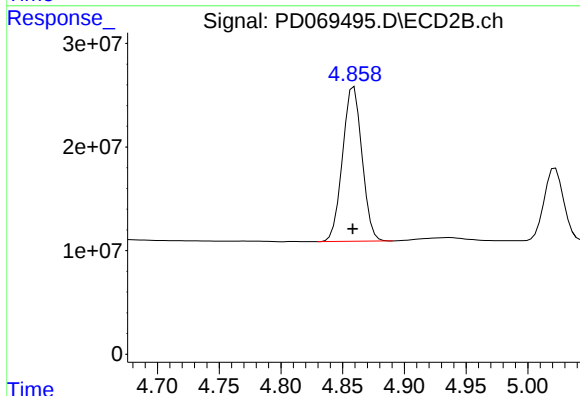
#3 gamma-BHC (Lindane)

R.T.: 4.166 min
Delta R.T.: 0.000 min
Response: 19496308
Conc: 11.40 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

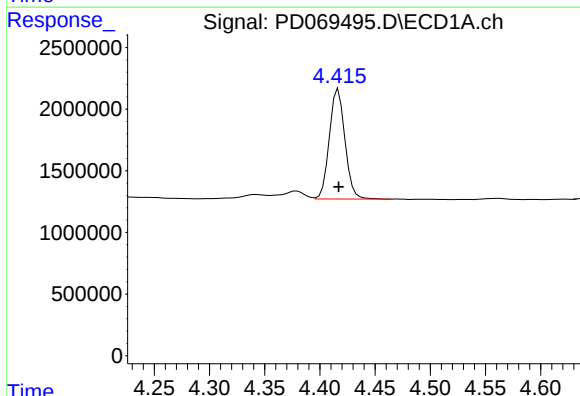
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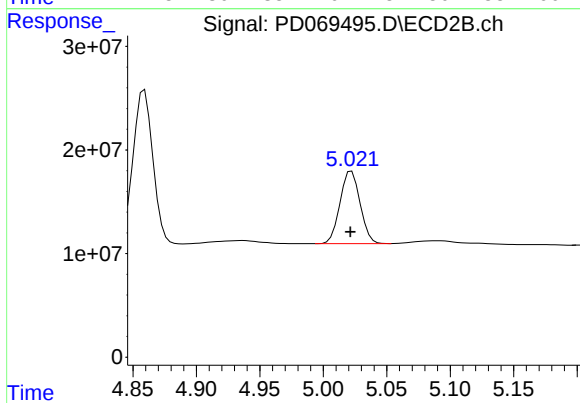
#3 gamma-BHC (Lindane)

R.T.: 4.859 min
Delta R.T.: 0.001 min
Response: 163505512
Conc: 11.58 ng/ml



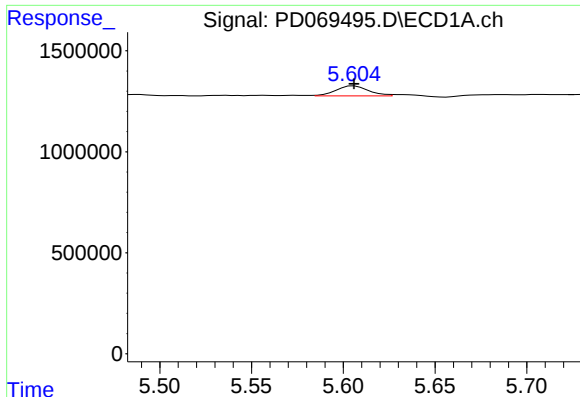
#6 beta-BHC

R.T.: 4.417 min
Delta R.T.: 0.000 min
Response: 8812856
Conc: 12.68 ng/ml



#6 beta-BHC

R.T.: 5.022 min
Delta R.T.: 0.000 min
Response: 76906775
Conc: 12.52 ng/ml



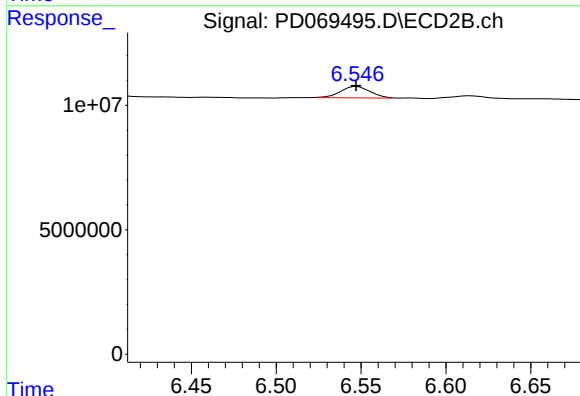
#12 4,4'-DDE

R.T.: 5.604 min
Delta R.T.: -0.001 min
Response: 622244
Conc: 0.49 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

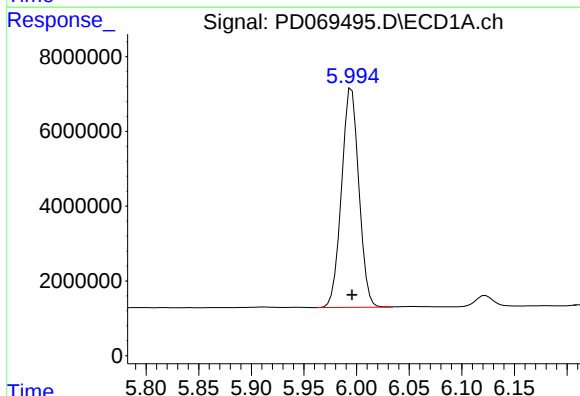
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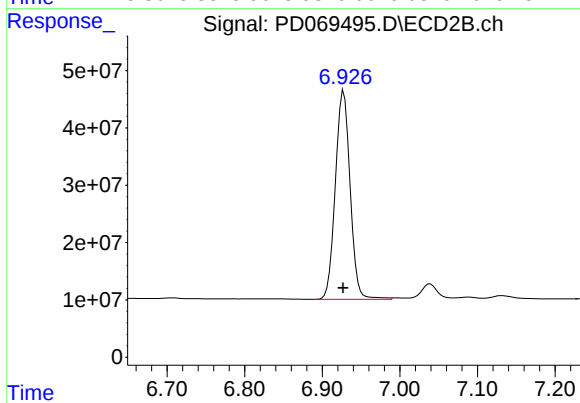
#12 4,4'-DDE

R.T.: 6.546 min
Delta R.T.: 0.000 min
Response: 5605062
Conc: 0.52 ng/ml m



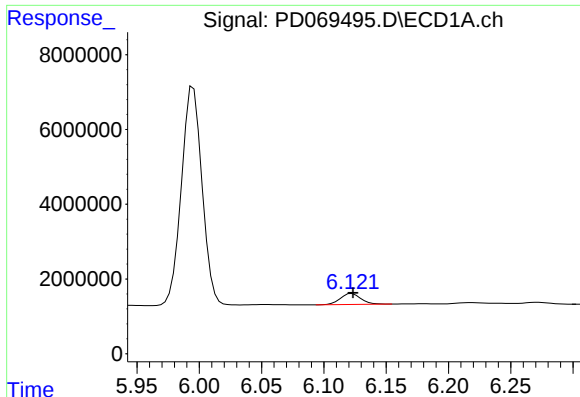
#14 Endrin

R.T.: 5.995 min
Delta R.T.: 0.000 min
Response: 67540140
Conc: 55.86 ng/ml



#14 Endrin

R.T.: 6.928 min
Delta R.T.: 0.001 min
Response: 483187413
Conc: 53.27 ng/ml



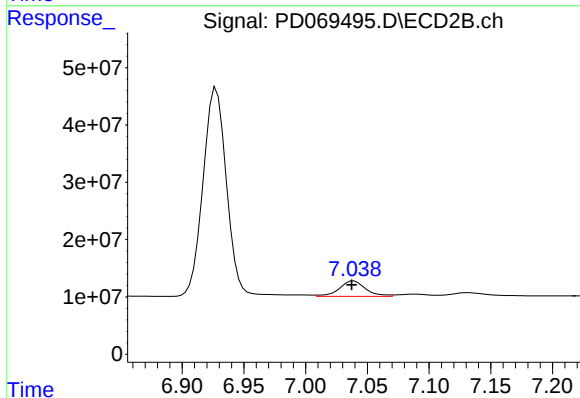
#16 4,4'-DDD

R.T.: 6.123 min
Delta R.T.: 0.000 min
Response: 3377012
Conc: 3.10 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

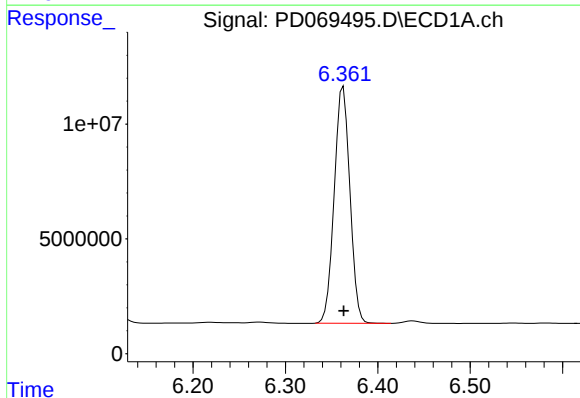
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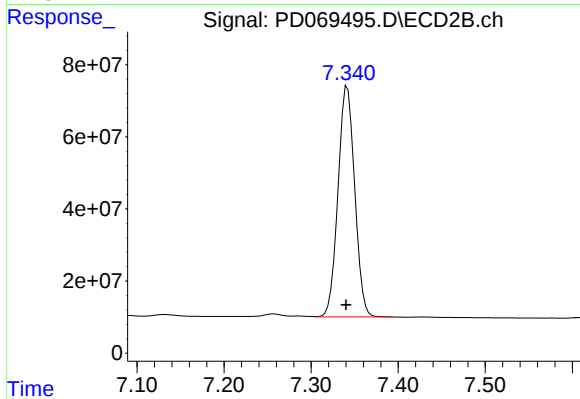
#16 4,4'-DDD

R.T.: 7.039 min
Delta R.T.: 0.002 min
Response: 40428045
Conc: 4.69 ng/ml



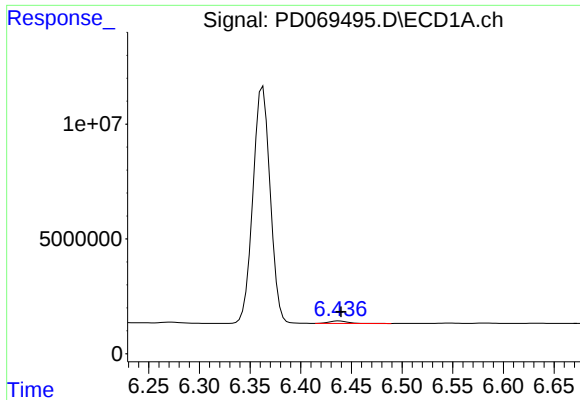
#17 4,4'-DDT

R.T.: 6.363 min
Delta R.T.: 0.000 min
Response: 121719935
Conc: 113.21 ng/ml



#17 4,4'-DDT

R.T.: 7.342 min
Delta R.T.: 0.001 min
Response: 853442277
Conc: 98.39 ng/ml



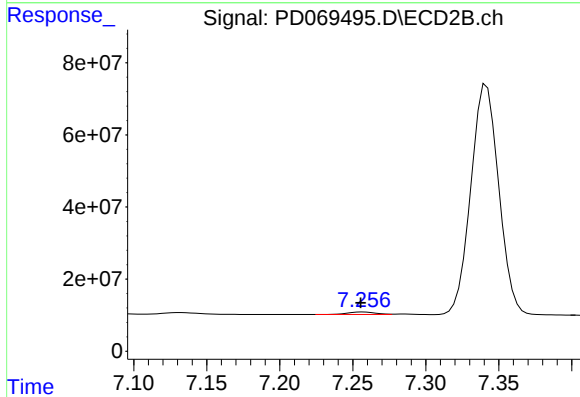
#18 Endrin aldehyde

R.T.: 6.438 min
Delta R.T.: -0.002 min
Response: 1368860
Conc: 1.48 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

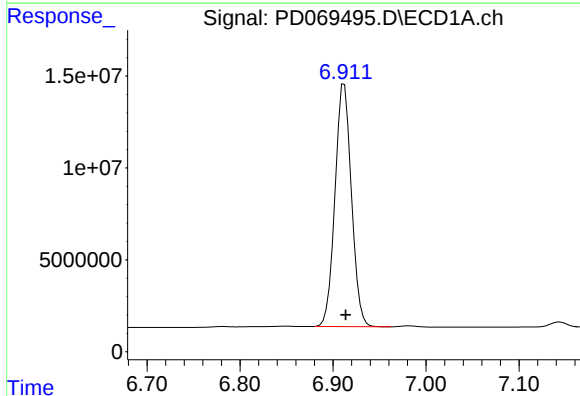
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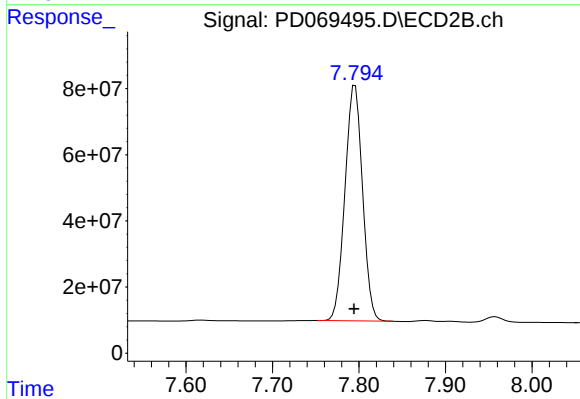
#18 Endrin aldehyde

R.T.: 7.256 min
Delta R.T.: 0.000 min
Response: 9865778
Conc: 1.43 ng/ml m



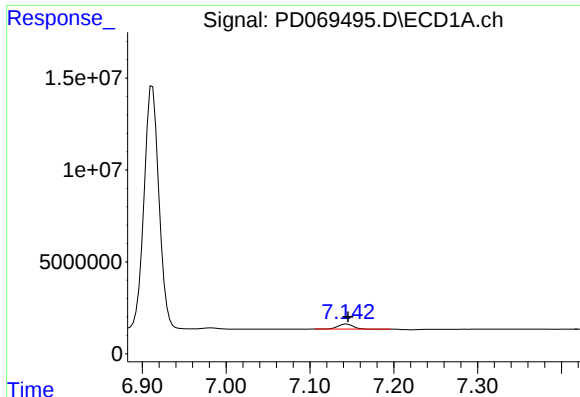
#20 Methoxychlor

R.T.: 6.912 min
Delta R.T.: -0.001 min
Response: 162252279
Conc: 255.41 ng/ml



#20 Methoxychlor

R.T.: 7.795 min
Delta R.T.: 0.000 min
Response: 1001253024
Conc: 232.25 ng/ml



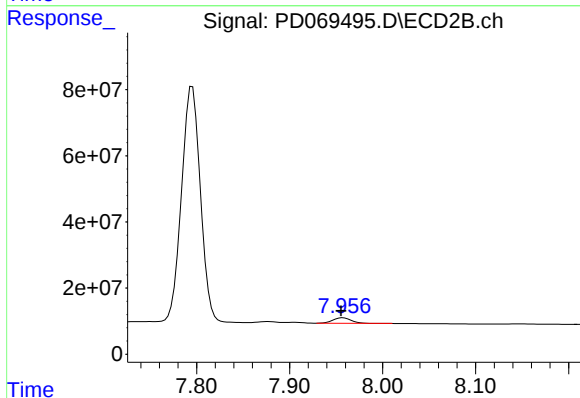
#21 Endrin ketone

R.T.: 7.144 min
Delta R.T.: -0.002 min
Response: 3456701
Conc: 2.46 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

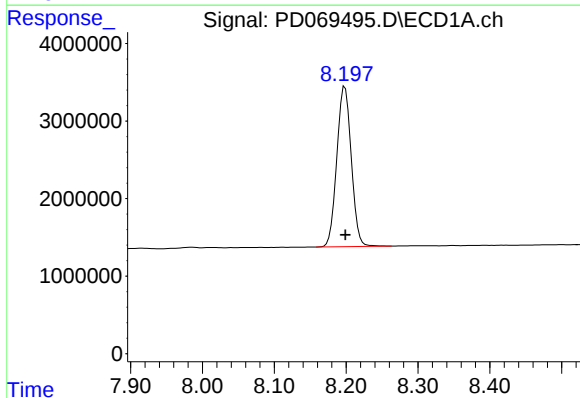
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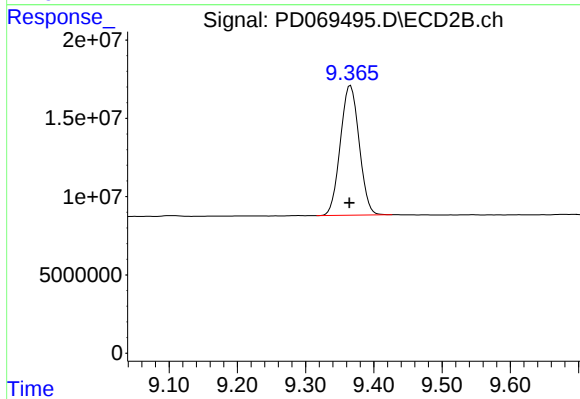
#21 Endrin ketone

R.T.: 7.957 min
Delta R.T.: 0.002 min
Response: 22419674
Conc: 2.48 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.198 min
Delta R.T.: 0.000 min
Response: 28864855
Conc: 23.12 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.366 min
Delta R.T.: 0.002 min
Response: 158718511
Conc: 24.25 ng/ml