

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD051622\
 Data File : PD069642.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 16 May 2022 10:29
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 05/17/2022
 Supervised By : mohammad ahmed 05/17/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 17 00:48:34 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 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...	3.444	4.172	24452563	244.8E6	22.028	22.833
28)	SA Decachlor...	8.201	9.367	25688865	151.2E6	20.573	23.099
Target Compounds							
2)	A alpha-BHC	3.884	4.568	17094631	184.7E6	10.476	11.976
3)	MA gamma-BHC...	4.167	4.859	16905458	167.0E6	9.883	11.825
6)	B beta-BHC	4.418	5.022	8295453	77560856	11.932	12.625
12)	B 4,4'-DDE	5.605	6.549	453559	8271594	0.358m	0.766 #
14)	MA Endrin	5.996	6.928	62252817	470.2E6	51.488	51.836
16)	A 4,4'-DDD	6.124	7.040	5523427	62312682	5.068	7.234 #
17)	MA 4,4'-DDT	6.364	7.343	108.7E6	805.0E6	101.061	92.805
18)	B Endrin al...	6.440	7.256	1570624	10249272	1.702	1.483m
20)	A Methoxychlor	6.914	7.795	141.3E6	921.9E6	222.399	213.851
21)	B Endrin ke...	7.145	7.958	4474629	30669437	3.178	3.392

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

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Acq On : 16 May 2022 10:29
Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

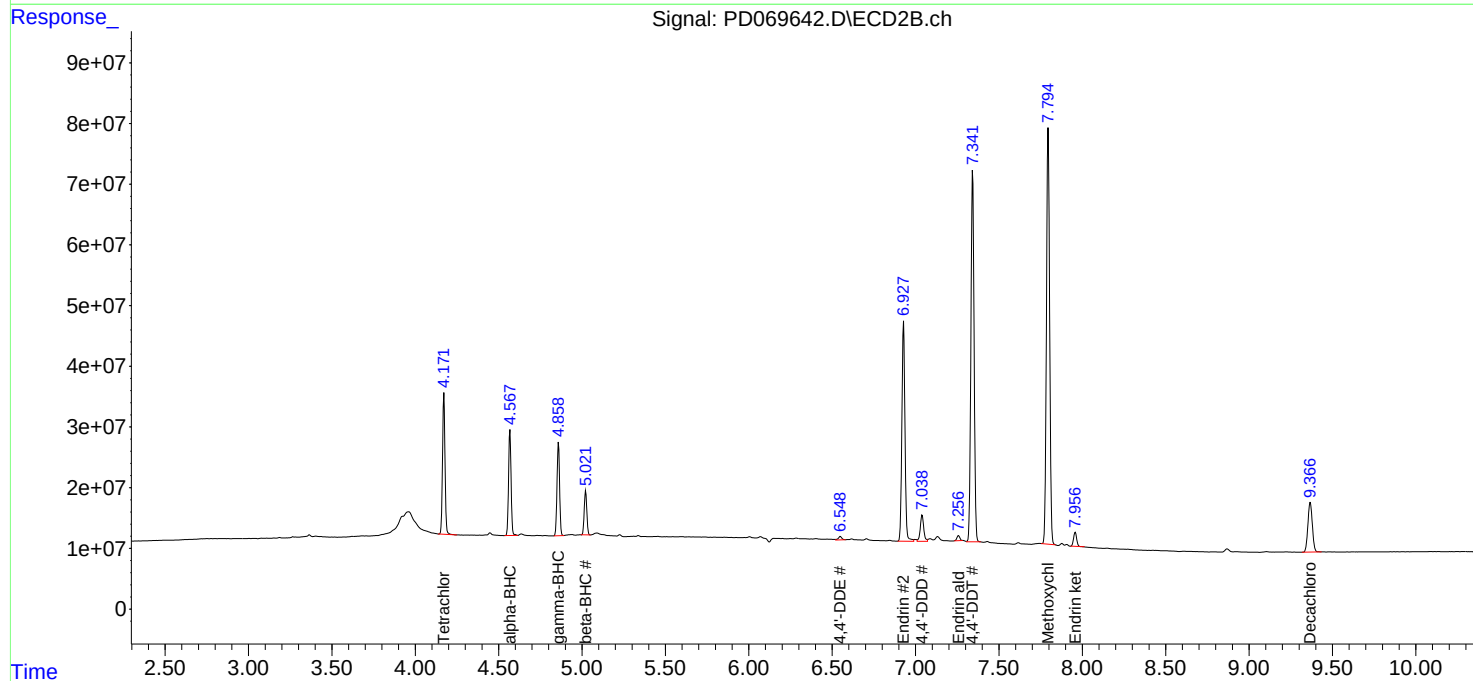
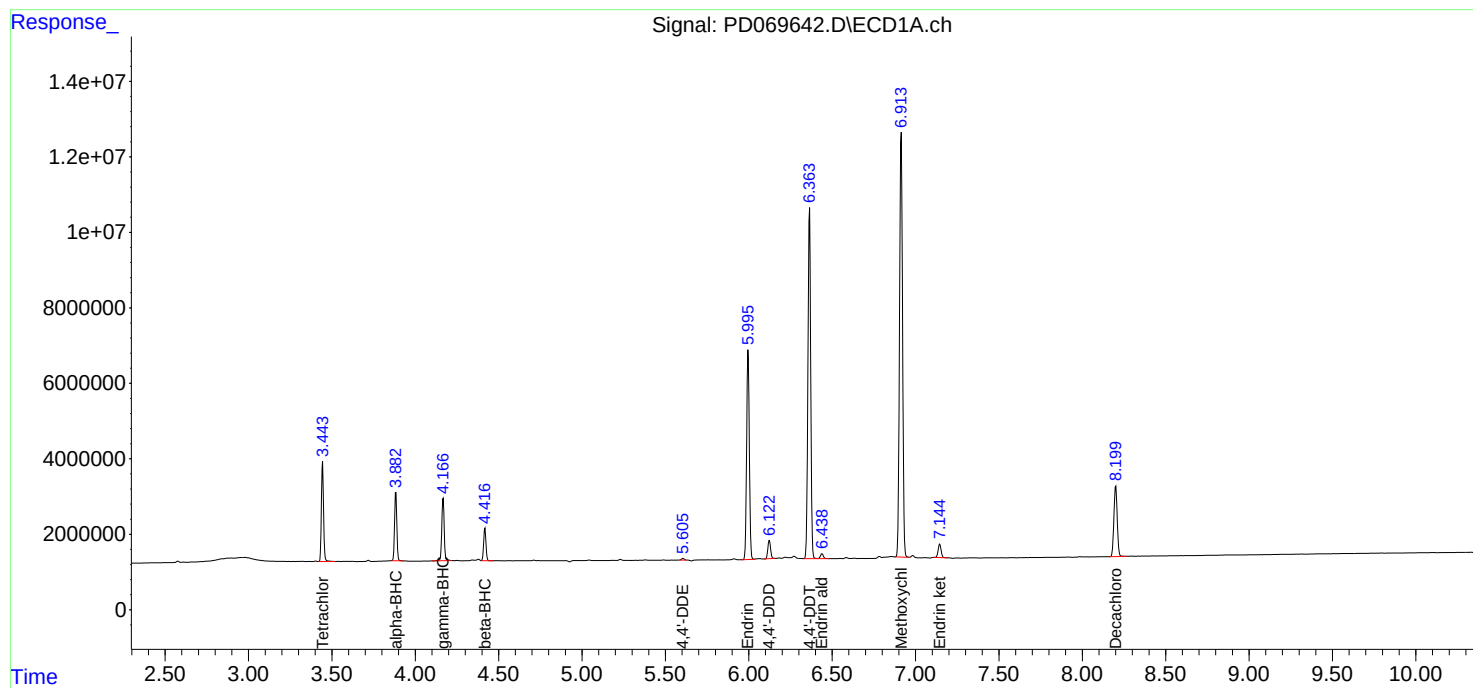
Instrument :
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ClientSampleId :
PEM

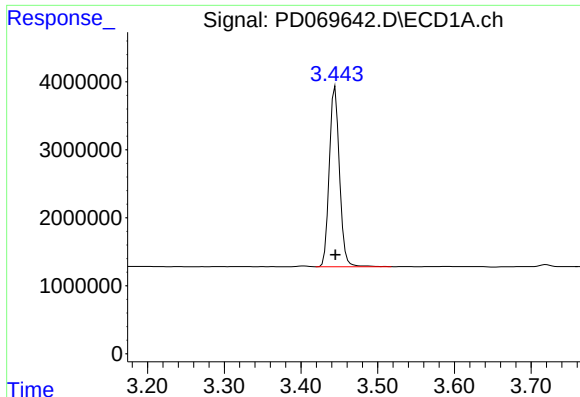
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Integration File signal 1: autoint1.e
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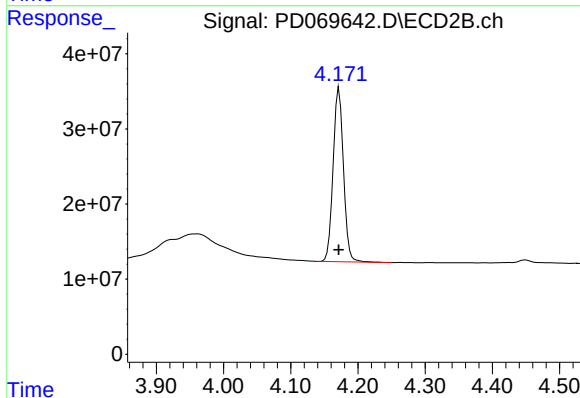
#1 Tetrachloro-m-xylene

R.T.: 3.444 min
Delta R.T.: 0.000 min
Response: 24452563
Conc: 22.03 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

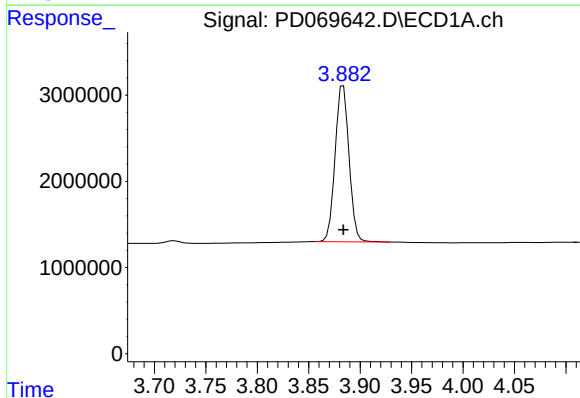
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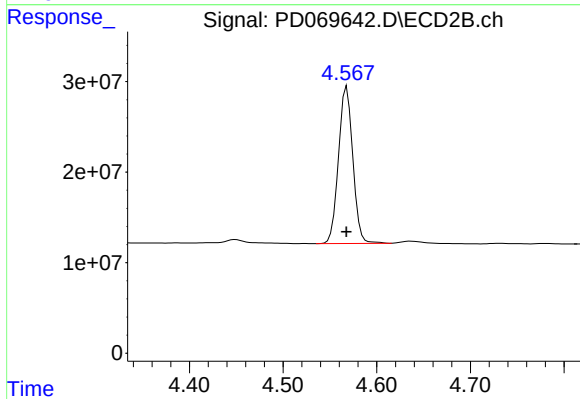
#1 Tetrachloro-m-xylene

R.T.: 4.172 min
Delta R.T.: 0.000 min
Response: 244802099
Conc: 22.83 ng/ml



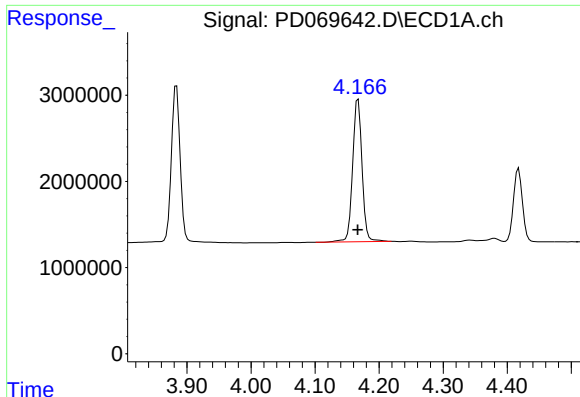
#2 alpha-BHC

R.T.: 3.884 min
Delta R.T.: 0.000 min
Response: 17094631
Conc: 10.48 ng/ml



#2 alpha-BHC

R.T.: 4.568 min
Delta R.T.: 0.000 min
Response: 184677416
Conc: 11.98 ng/ml



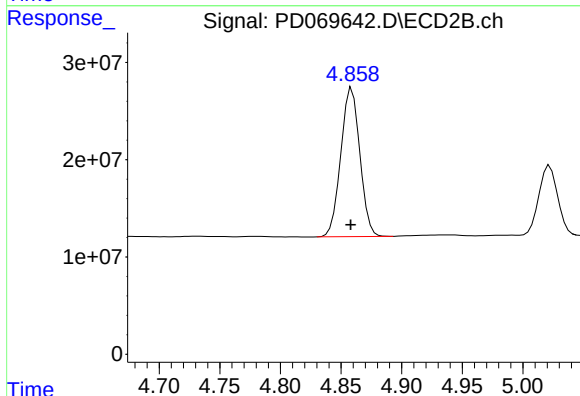
#3 gamma-BHC (Lindane)

R.T.: 4.167 min
Delta R.T.: 0.000 min
Response: 16905458
Conc: 9.88 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

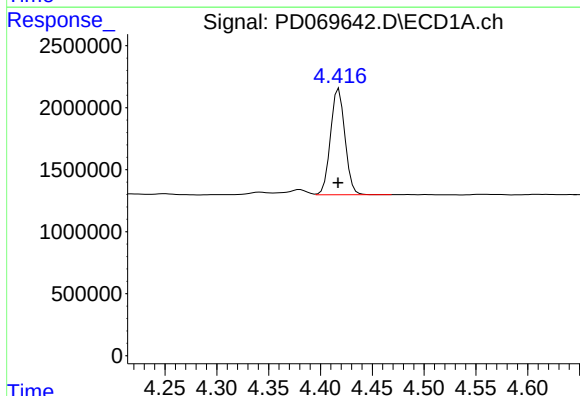
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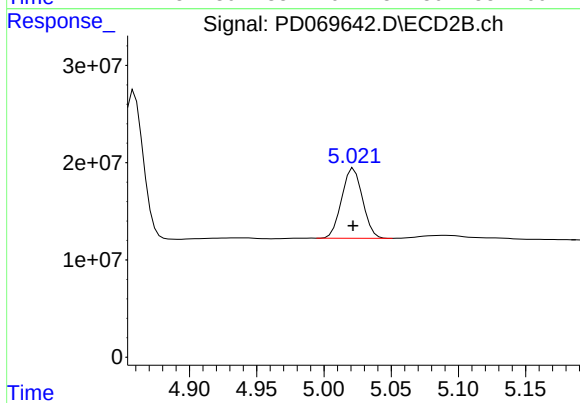
#3 gamma-BHC (Lindane)

R.T.: 4.859 min
Delta R.T.: 0.000 min
Response: 166968599
Conc: 11.82 ng/ml



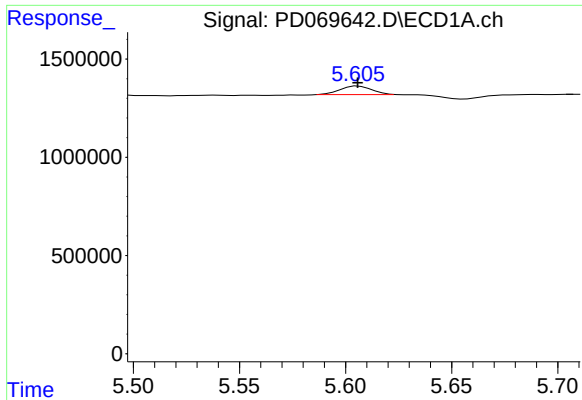
#6 beta-BHC

R.T.: 4.418 min
Delta R.T.: 0.000 min
Response: 8295453
Conc: 11.93 ng/ml



#6 beta-BHC

R.T.: 5.022 min
Delta R.T.: 0.000 min
Response: 77560856
Conc: 12.62 ng/ml



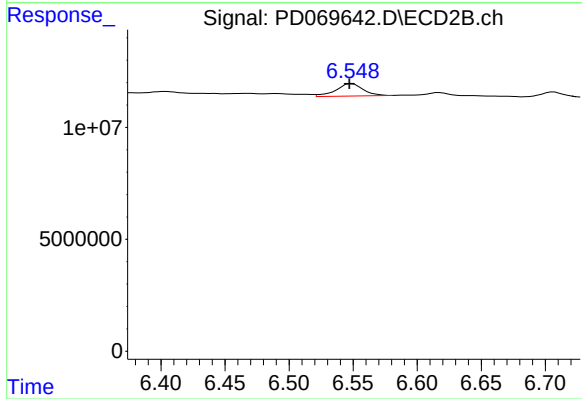
#12 4,4'-DDE

R.T.: 5.605 min
Delta R.T.: -0.001 min
Response: 453559
Conc: 0.36 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

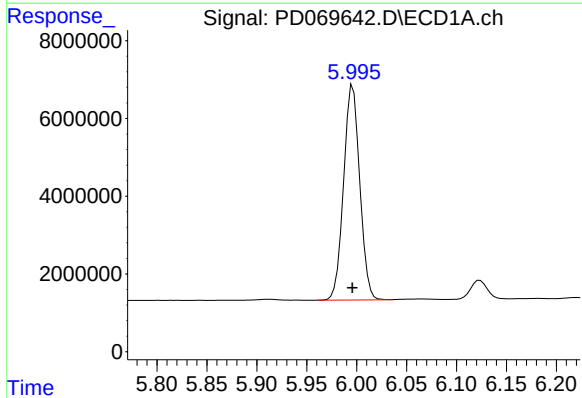
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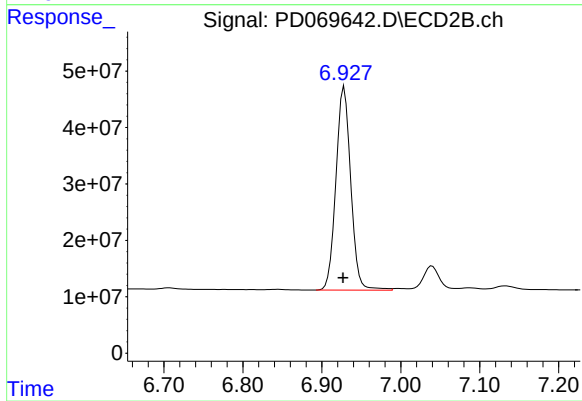
#12 4,4'-DDE

R.T.: 6.549 min
Delta R.T.: 0.002 min
Response: 8271594
Conc: 0.77 ng/ml



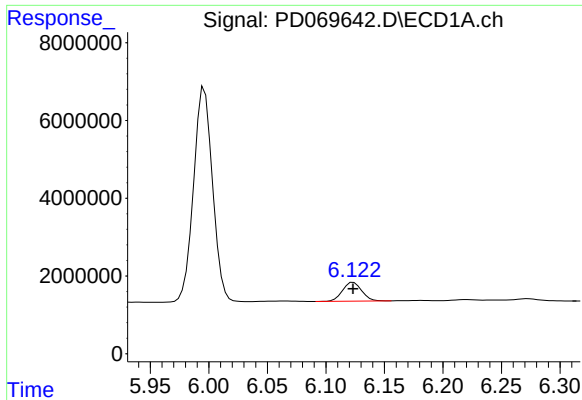
#14 Endrin

R.T.: 5.996 min
Delta R.T.: 0.000 min
Response: 62252817
Conc: 51.49 ng/ml



#14 Endrin

R.T.: 6.928 min
Delta R.T.: 0.002 min
Response: 470164826
Conc: 51.84 ng/ml



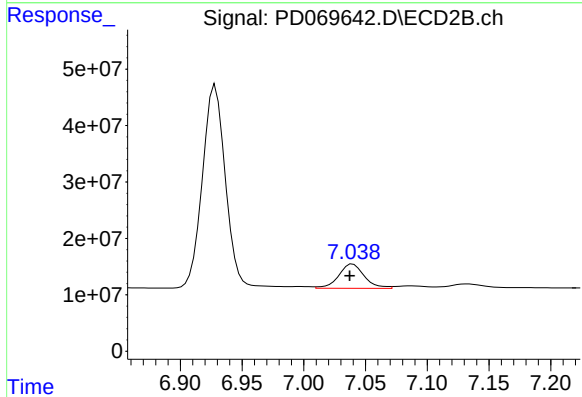
#16 4,4'-DDD

R.T.: 6.124 min
Delta R.T.: 0.000 min
Response: 5523427
Conc: 5.07 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

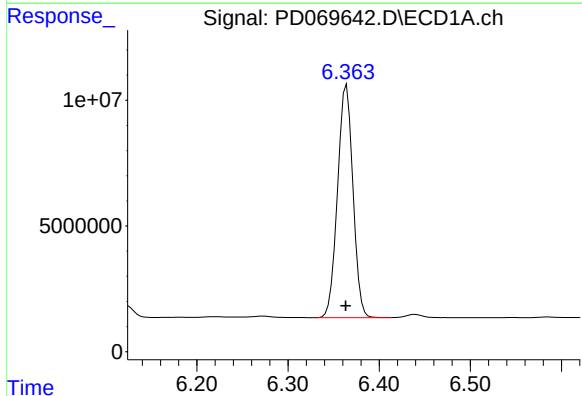
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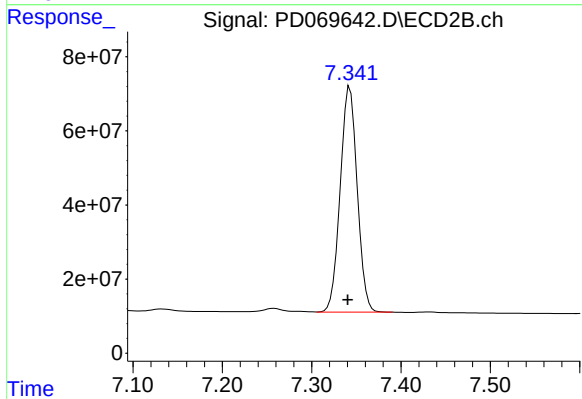
#16 4,4'-DDD

R.T.: 7.040 min
Delta R.T.: 0.002 min
Response: 62312682
Conc: 7.23 ng/ml



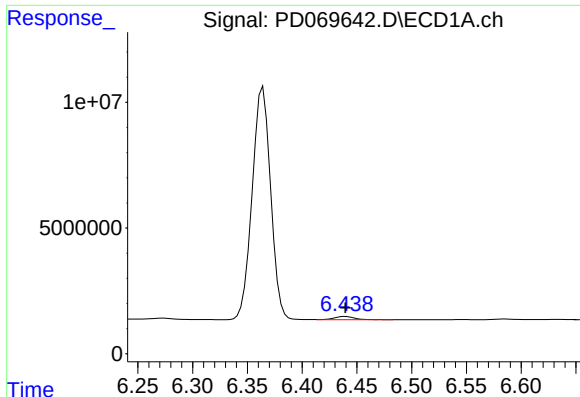
#17 4,4'-DDT

R.T.: 6.364 min
Delta R.T.: 0.001 min
Response: 108657142
Conc: 101.06 ng/ml



#17 4,4'-DDT

R.T.: 7.343 min
Delta R.T.: 0.003 min
Response: 804968972
Conc: 92.80 ng/ml



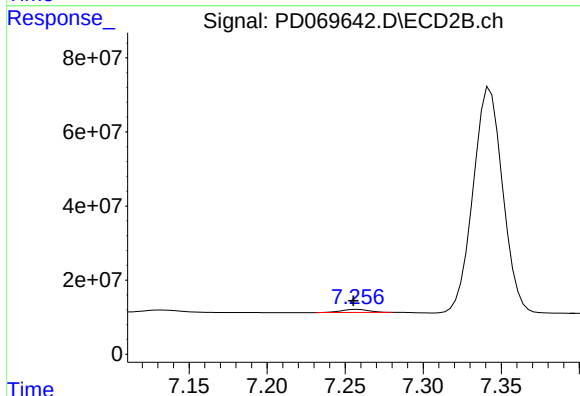
#18 Endrin aldehyde

R.T.: 6.440 min
Delta R.T.: 0.000 min
Response: 1570624
Conc: 1.70 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

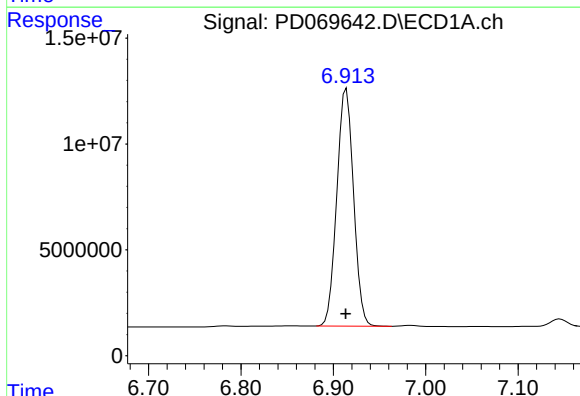
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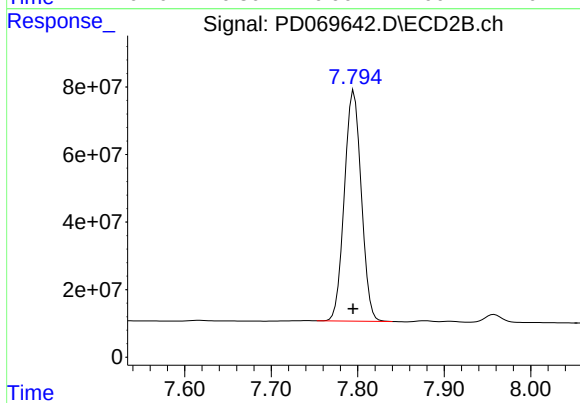
#18 Endrin aldehyde

R.T.: 7.256 min
Delta R.T.: 0.000 min
Response: 10249272
Conc: 1.48 ng/ml m



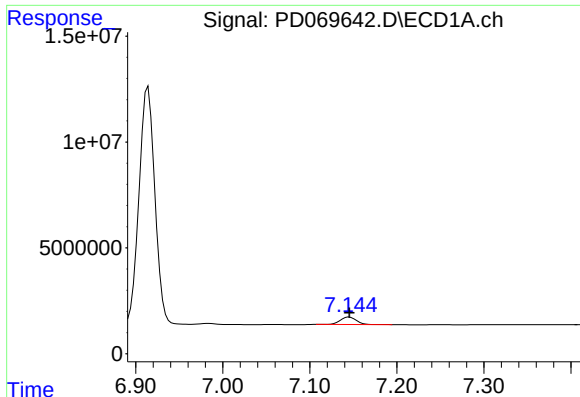
#20 Methoxychlor

R.T.: 6.914 min
Delta R.T.: 0.000 min
Response: 141278831
Conc: 222.40 ng/ml



#20 Methoxychlor

R.T.: 7.795 min
Delta R.T.: 0.000 min
Response: 921929346
Conc: 213.85 ng/ml



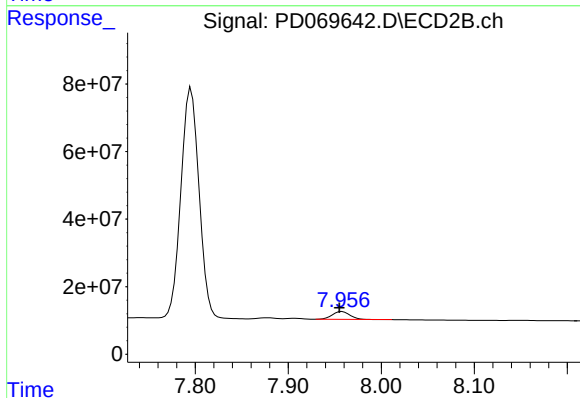
#21 Endrin ketone

R.T.: 7.145 min
Delta R.T.: 0.000 min
Response: 4474629
Conc: 3.18 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

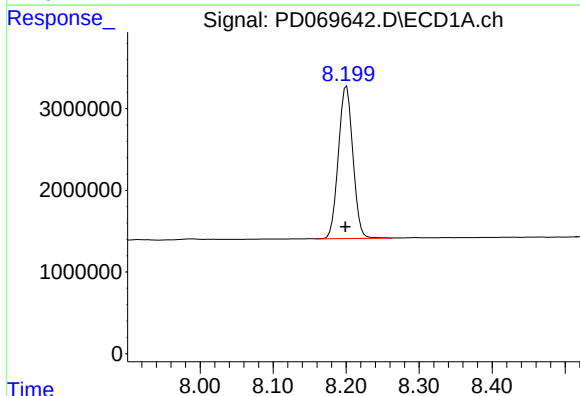
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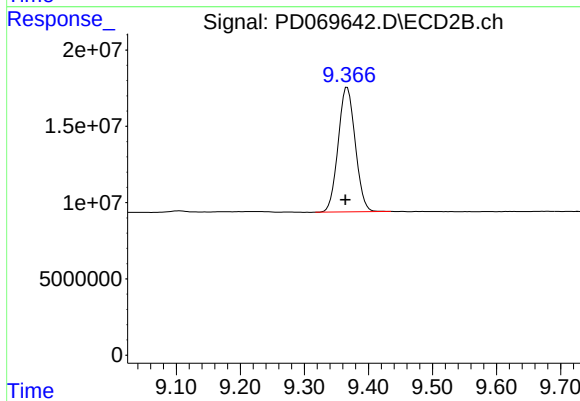
#21 Endrin ketone

R.T.: 7.958 min
Delta R.T.: 0.003 min
Response: 30669437
Conc: 3.39 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.201 min
Delta R.T.: 0.001 min
Response: 25688865
Conc: 20.57 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.367 min
Delta R.T.: 0.003 min
Response: 151159619
Conc: 23.10 ng/ml