

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD031922\
 Data File : PD068679.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 18 Mar 2022 09:15
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 03/21/2022
 Supervised By : mohammad ahmed 03/21/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 19 00:41:50 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD031222.M
 Quant Title : GC Extractables
 QLast Update : Mon Mar 14 03:30:32 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...	3.449	4.175	29673120	250.0E6	24.439	26.146
28)	SA Decachlor...	8.208	9.371	30883998	142.3E6	24.446	25.114
Target Compounds							
2)	A alpha-BHC	3.888	4.571	21242711	185.9E6	11.733	13.510
3)	MA gamma-BHC...	4.171	4.862	19877569	167.7E6	11.904	13.412
6)	B beta-BHC	4.421	5.025	10038428	79435575	13.482	14.469
12)	B 4,4'-DDE	5.612	6.553	570631	4377751	0.417m	0.472
14)	MA Endrin	6.003	6.929	81675589	316.5E6	62.002	40.907 #
16)	A 4,4'-DDD	6.131	7.044	3426247	24246830	2.905	3.283
17)	MA 4,4'-DDT	6.371	7.346	148.1E6	804.3E6	123.255	109.473
18)	B Endrin al...	6.446	7.259	1635083	9116500	1.647	1.506m
20)	A Methoxychlor	6.922	7.799	190.9E6	913.3E6	275.390	250.534
21)	B Endrin ke...	7.152	7.962	3046756	19920301	2.070m	2.571

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

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Data File : PD068679.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 18 Mar 2022 09:15
Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

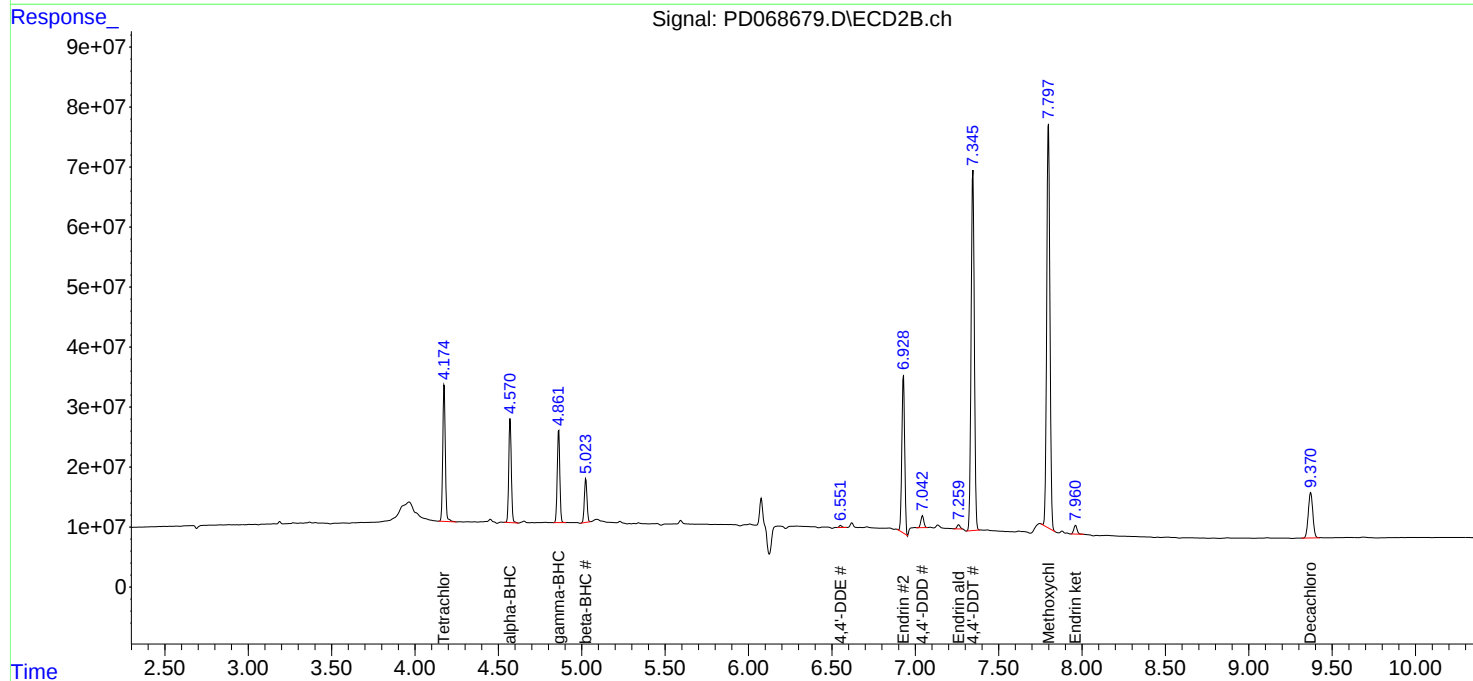
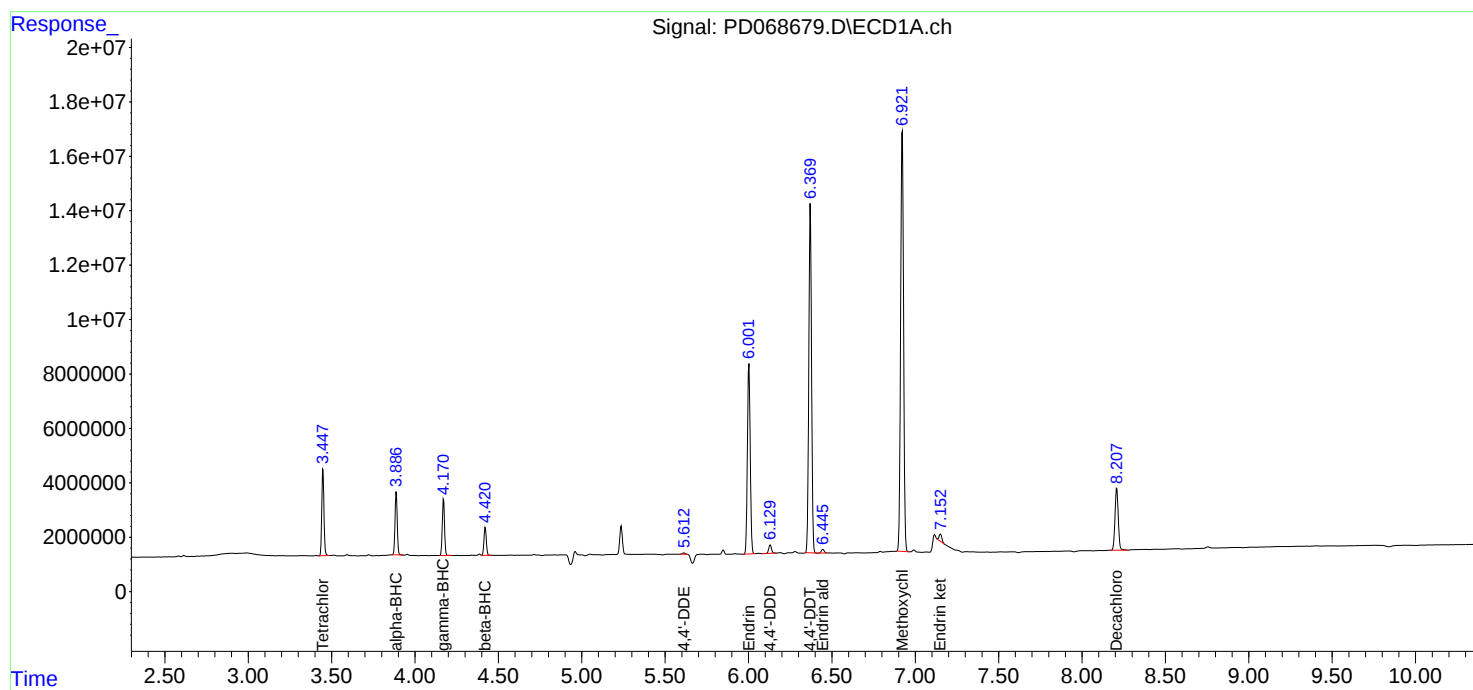
Instrument :
ECD_D
ClientSampleId :
PEM

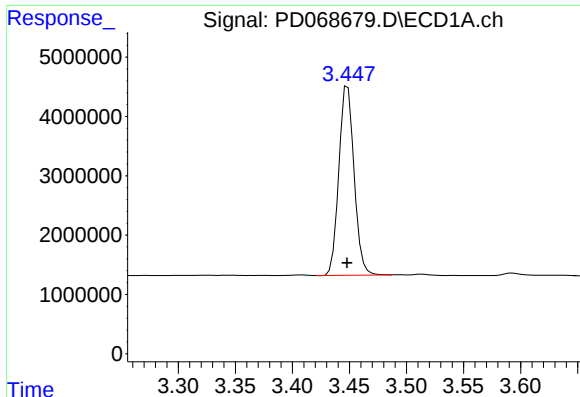
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Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
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Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x 0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm





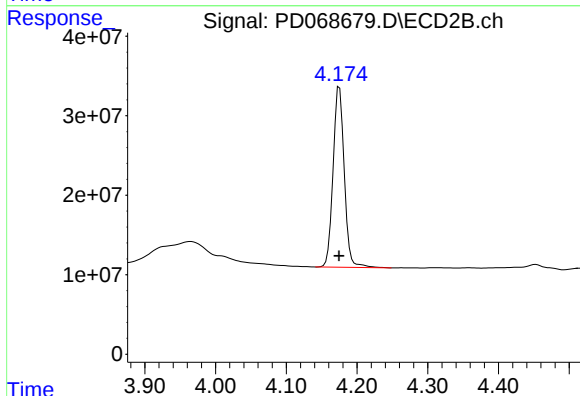
#1 Tetrachloro-m-xylene

R.T.: 3.449 min
Delta R.T.: 0.000 min
Response: 29673120
Conc: 24.44 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

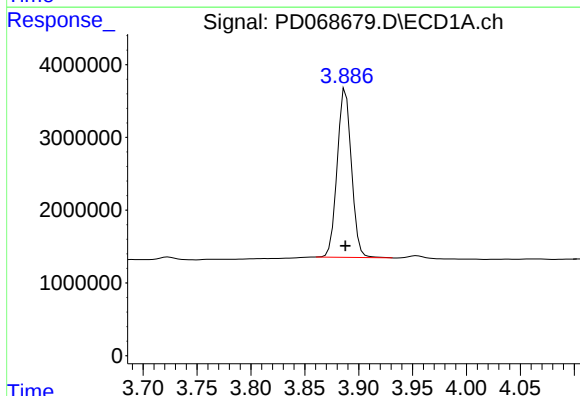
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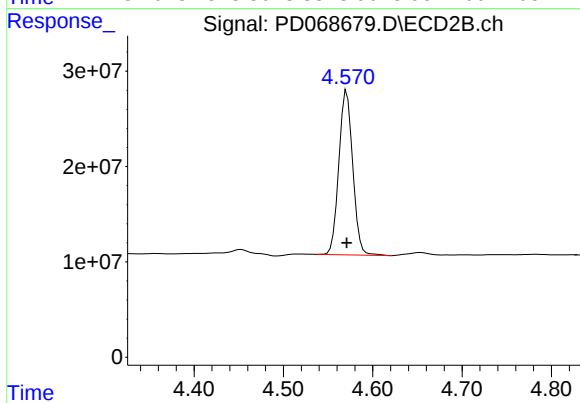
#1 Tetrachloro-m-xylene

R.T.: 4.175 min
Delta R.T.: 0.000 min
Response: 249974065
Conc: 26.15 ng/ml



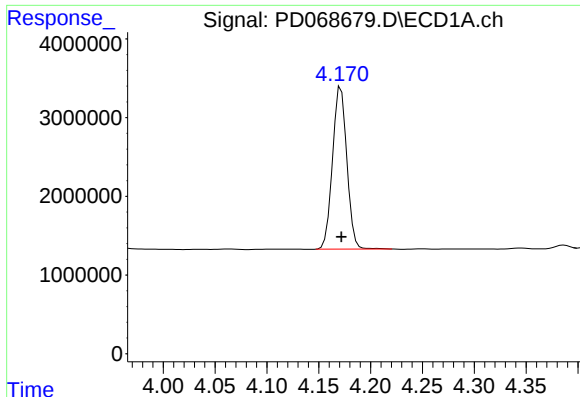
#2 alpha-BHC

R.T.: 3.888 min
Delta R.T.: 0.000 min
Response: 21242711
Conc: 11.73 ng/ml



#2 alpha-BHC

R.T.: 4.571 min
Delta R.T.: 0.000 min
Response: 185930427
Conc: 13.51 ng/ml



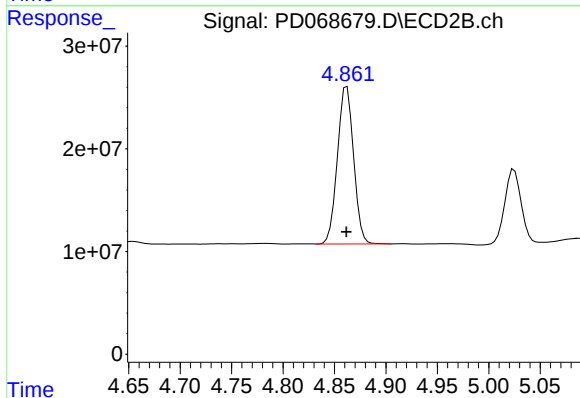
#3 gamma-BHC (Lindane)

R.T.: 4.171 min
Delta R.T.: 0.000 min
Response: 19877569
Conc: 11.90 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

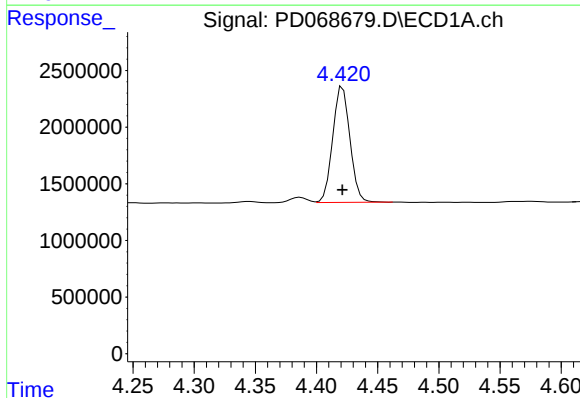
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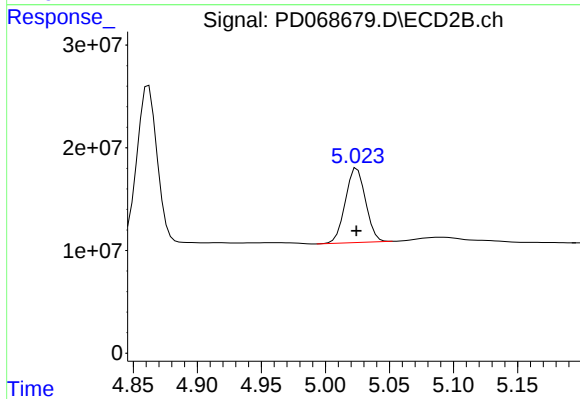
#3 gamma-BHC (Lindane)

R.T.: 4.862 min
Delta R.T.: 0.000 min
Response: 167694035
Conc: 13.41 ng/ml



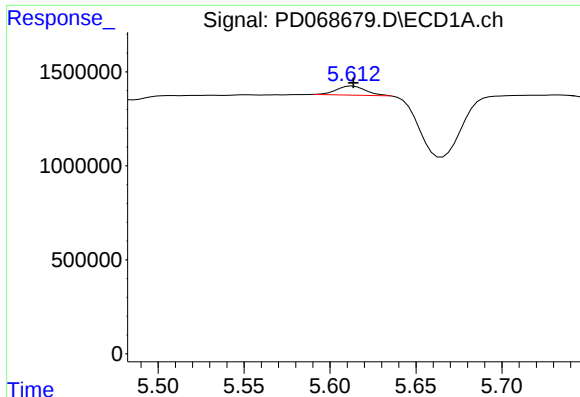
#6 beta-BHC

R.T.: 4.421 min
Delta R.T.: 0.000 min
Response: 10038428
Conc: 13.48 ng/ml



#6 beta-BHC

R.T.: 5.025 min
Delta R.T.: 0.000 min
Response: 79435575
Conc: 14.47 ng/ml



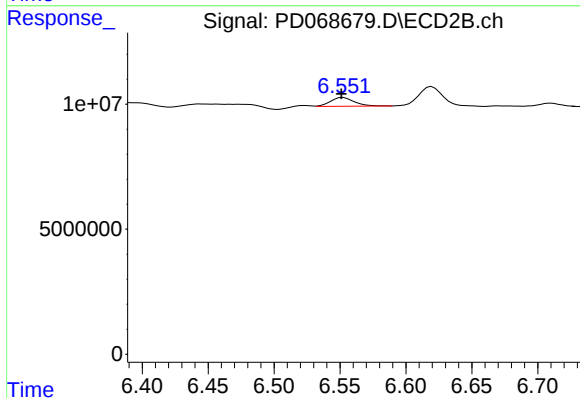
#12 4,4'-DDE

R.T.: 5.612 min
Delta R.T.: -0.002 min
Response: 570631
Conc: 0.42 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

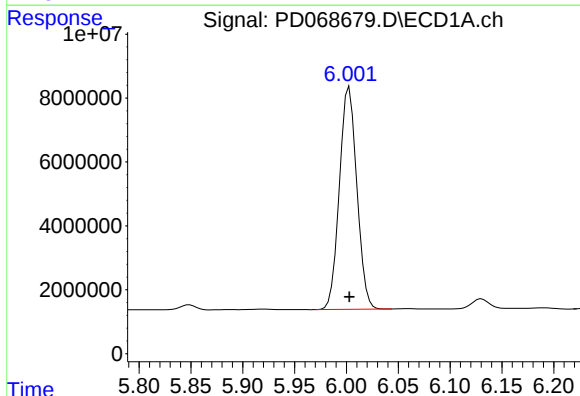
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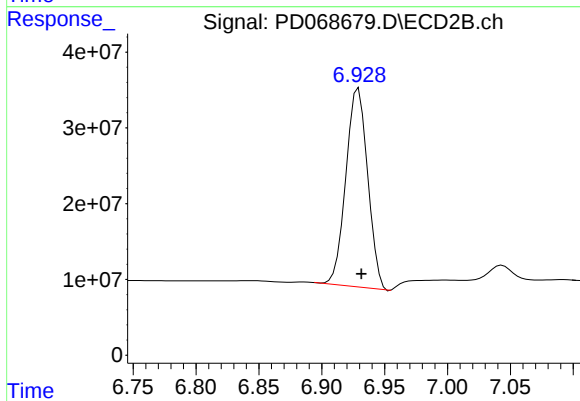
#12 4,4'-DDE

R.T.: 6.553 min
Delta R.T.: 0.001 min
Response: 4377751
Conc: 0.47 ng/ml



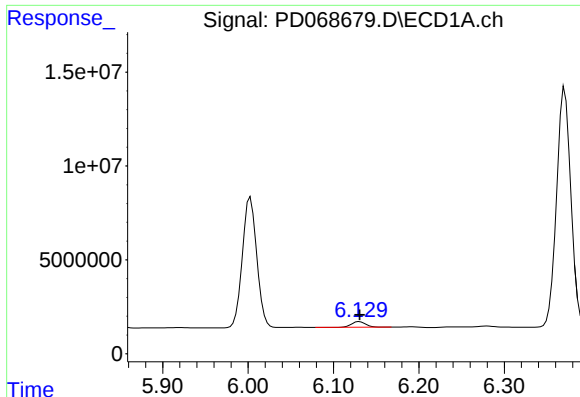
#14 Endrin

R.T.: 6.003 min
Delta R.T.: 0.000 min
Response: 81675589
Conc: 62.00 ng/ml



#14 Endrin

R.T.: 6.929 min
Delta R.T.: -0.002 min
Response: 316518097
Conc: 40.91 ng/ml



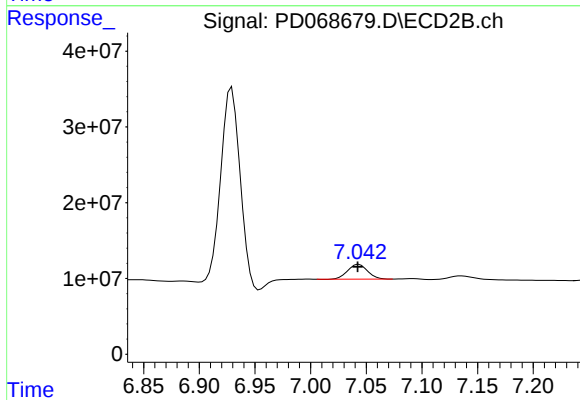
#16 4,4'-DDD

R.T.: 6.131 min
Delta R.T.: 0.000 min
Response: 3426247
Conc: 2.91 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

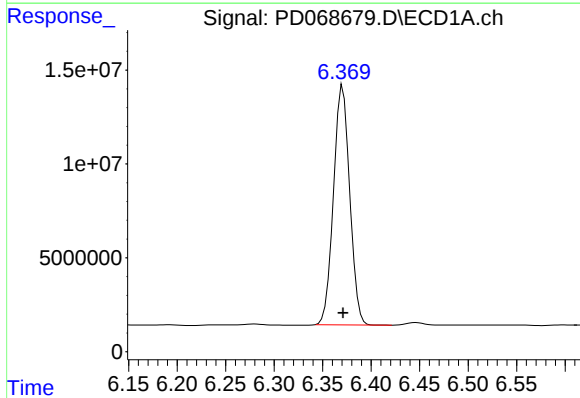
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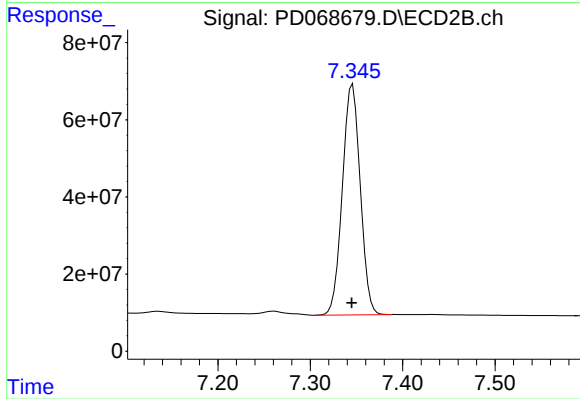
#16 4,4'-DDD

R.T.: 7.044 min
Delta R.T.: 0.001 min
Response: 24246830
Conc: 3.28 ng/ml



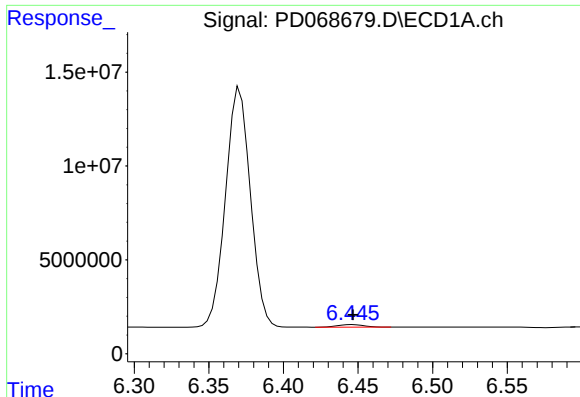
#17 4,4'-DDT

R.T.: 6.371 min
Delta R.T.: 0.000 min
Response: 148148431
Conc: 123.25 ng/ml



#17 4,4'-DDT

R.T.: 7.346 min
Delta R.T.: 0.001 min
Response: 804276184
Conc: 109.47 ng/ml



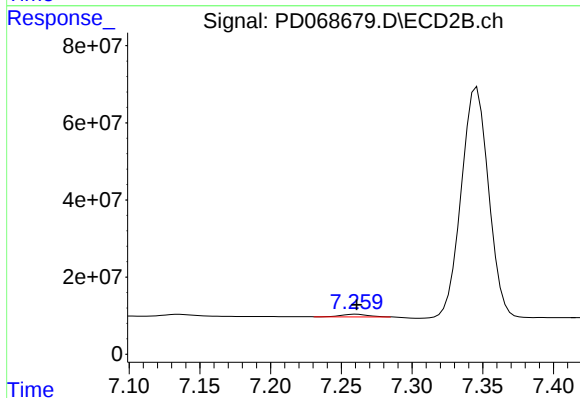
#18 Endrin aldehyde

R.T.: 6.446 min
Delta R.T.: 0.000 min
Response: 1635083
Conc: 1.65 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

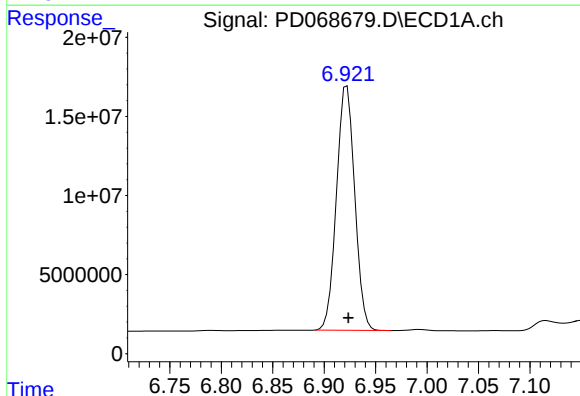
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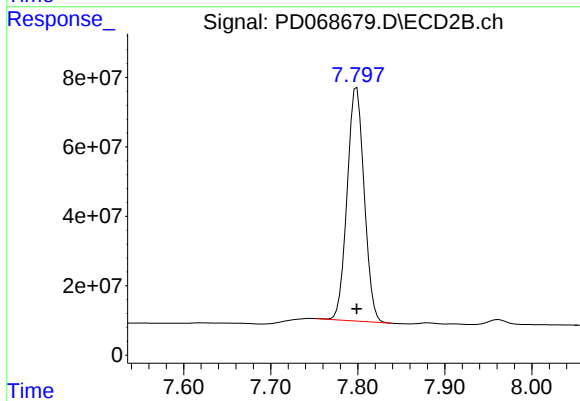
#18 Endrin aldehyde

R.T.: 7.259 min
Delta R.T.: -0.002 min
Response: 9116500
Conc: 1.51 ng/ml m



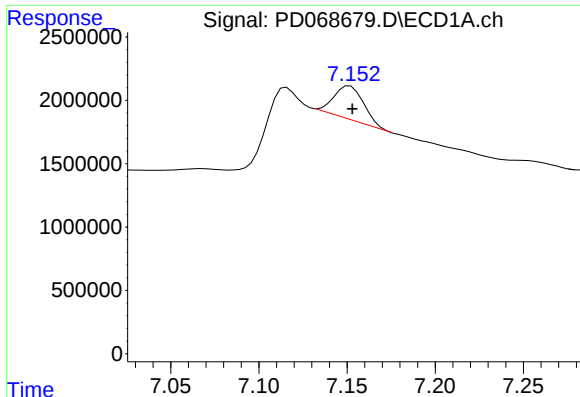
#20 Methoxychlor

R.T.: 6.922 min
Delta R.T.: -0.002 min
Response: 190852557
Conc: 275.39 ng/ml



#20 Methoxychlor

R.T.: 7.799 min
Delta R.T.: 0.000 min
Response: 913268364
Conc: 250.53 ng/ml



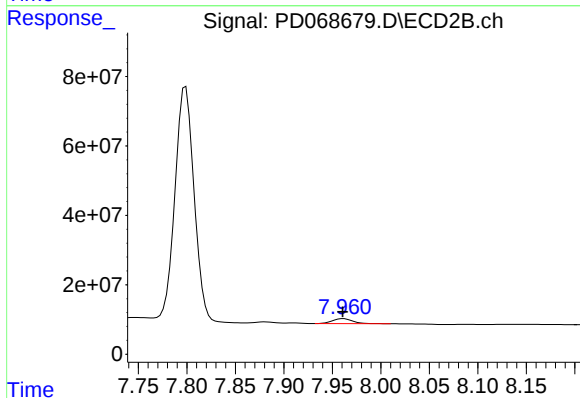
#21 Endrin ketone

R.T.: 7.152 min
Delta R.T.: 0.000 min
Response: 3046756
Conc: 2.07 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

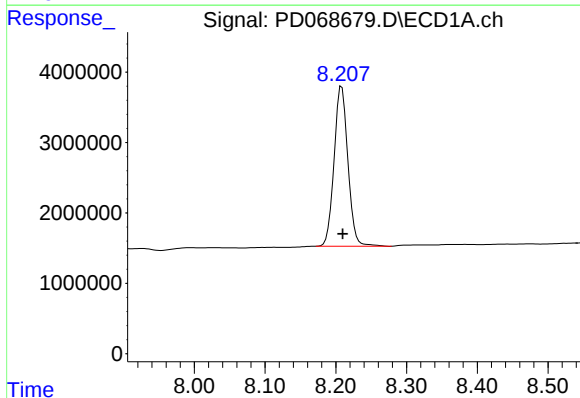
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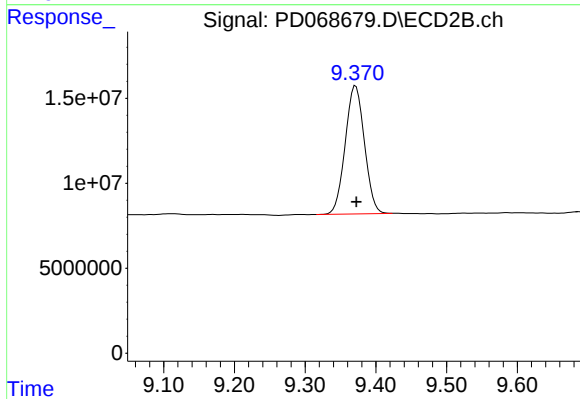
#21 Endrin ketone

R.T.: 7.962 min
Delta R.T.: 0.000 min
Response: 19920301
Conc: 2.57 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.208 min
Delta R.T.: -0.001 min
Response: 30883998
Conc: 24.45 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.371 min
Delta R.T.: -0.001 min
Response: 142316848
Conc: 25.11 ng/ml