

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD102623\
 Data File : PD079167.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 26 Oct 2023 08:45
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 10/27/2023
 Supervised By : Ankita Jodhani 10/27/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 26 22:50:29 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...	3.570	2.806	30764885	44420280	19.054	19.186
28)	SA Decachlor...	9.115	7.954	39398070	49258834	19.640	20.209
Target Compounds							
2)	A alpha-BHC	4.027	3.310	24867276	34017077	9.341	9.810
3)	MA gamma-BHC...	4.361	3.639	24321739	32185255	9.359	9.478
6)	B beta-BHC	4.553	3.934	11623066	15963411	10.847	11.329
14)	MA Endrin	6.615	5.676	88358660	128.3E6	45.368	50.144
16)	A 4,4'-DDD	6.747	5.824	608477	1343462	0.346	0.588 #
17)	MA 4,4'-DDT	7.062	6.075	181.7E6	246.2E6	95.939	107.559
18)	B Endrin al...	6.963	6.150	1954473	3915665	1.266	2.106 #
20)	A Methoxychlor	7.535	6.650	234.5E6	317.3E6	214.044	233.752
21)	B Endrin ke...	7.684	6.875	4747523	7004592	2.178	2.505m

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

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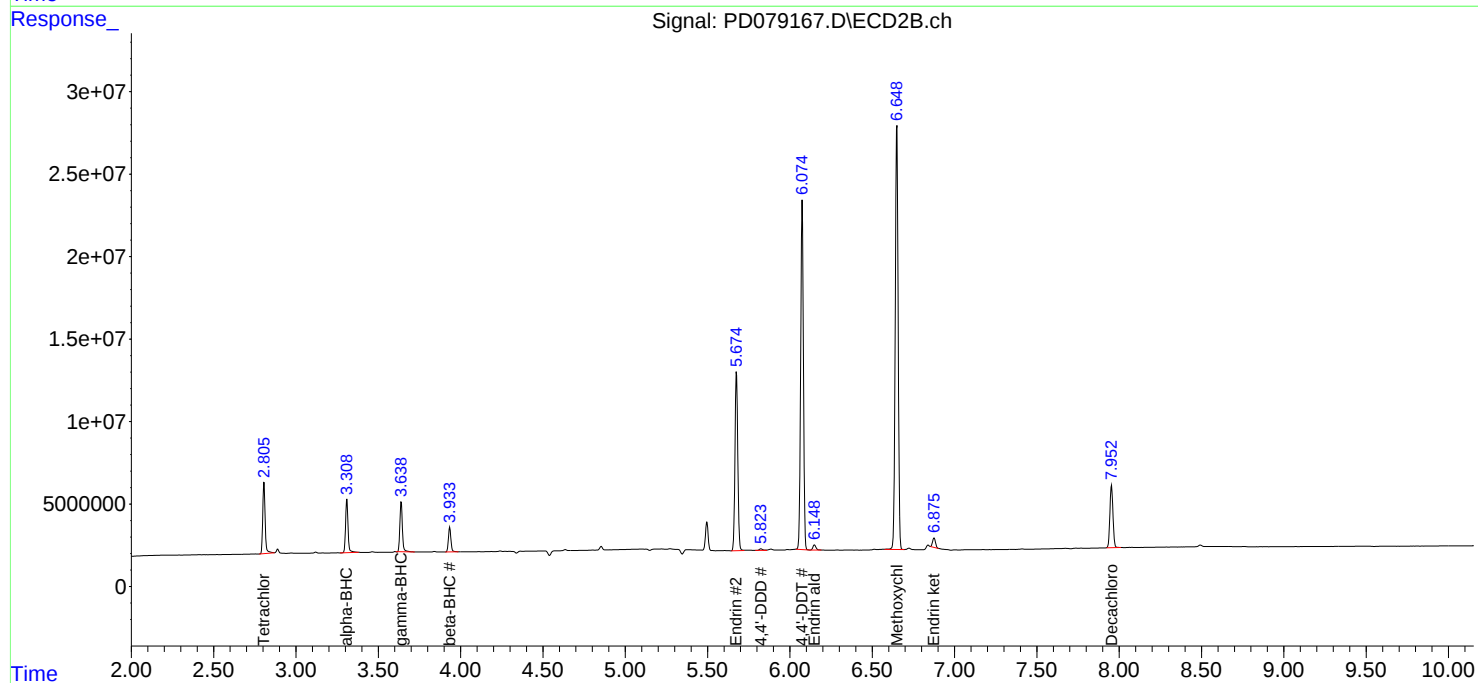
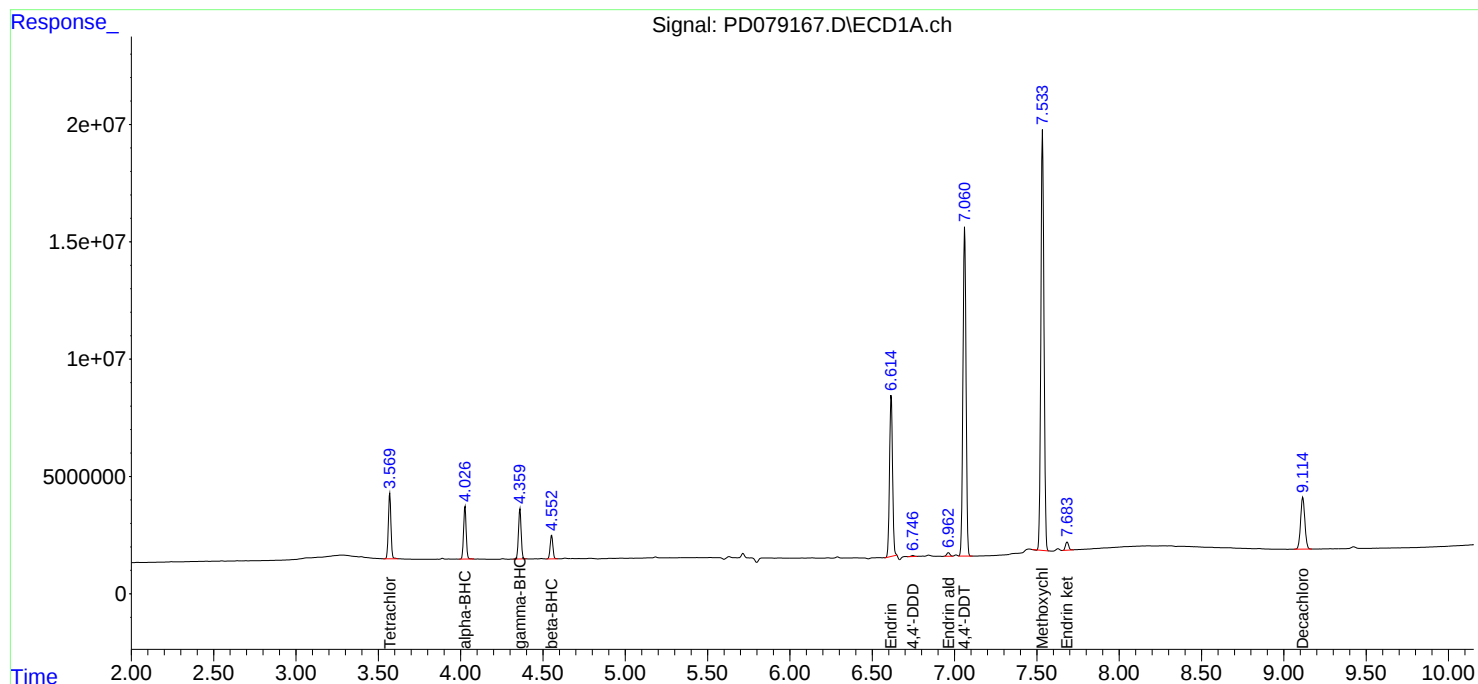
Instrument :
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PEM

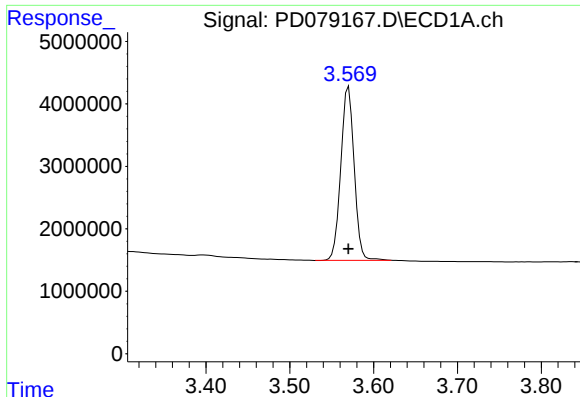
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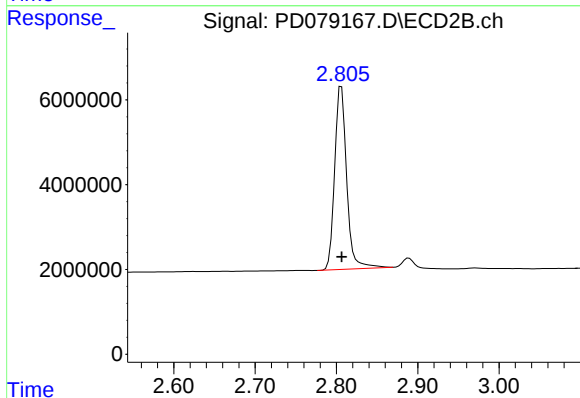
#1 Tetrachloro-m-xylene

R.T.: 3.570 min
Delta R.T.: 0.000 min
Response: 30764885
Conc: 19.05 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

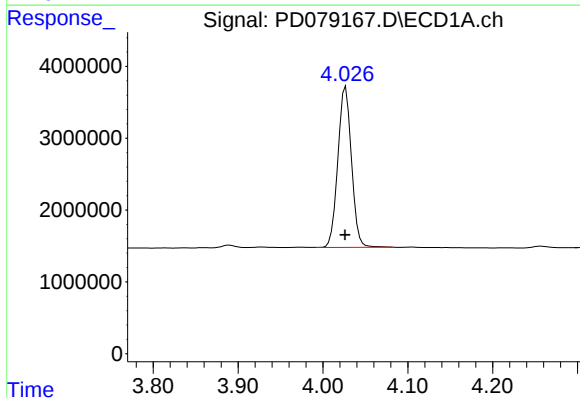
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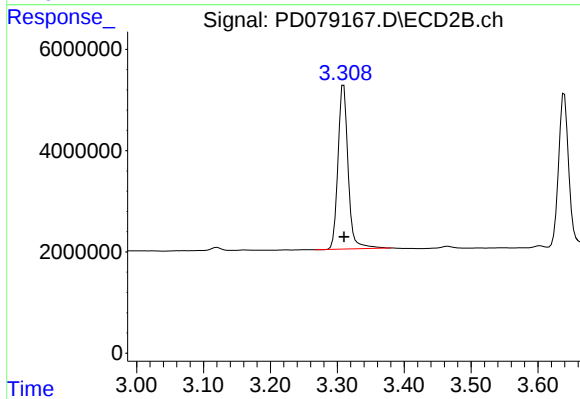
#1 Tetrachloro-m-xylene

R.T.: 2.806 min
Delta R.T.: 0.000 min
Response: 44420280
Conc: 19.19 ng/ml



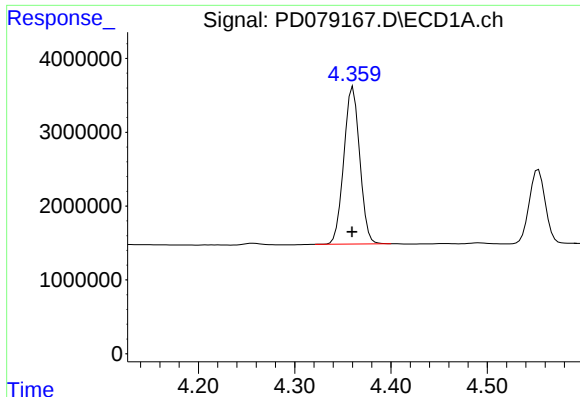
#2 alpha-BHC

R.T.: 4.027 min
Delta R.T.: 0.000 min
Response: 24867276
Conc: 9.34 ng/ml



#2 alpha-BHC

R.T.: 3.310 min
Delta R.T.: 0.000 min
Response: 34017077
Conc: 9.81 ng/ml



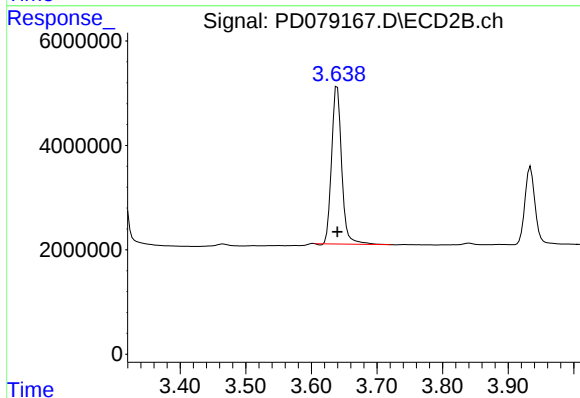
#3 gamma-BHC (Lindane)

R.T.: 4.361 min
Delta R.T.: 0.001 min
Response: 24321739
Conc: 9.36 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

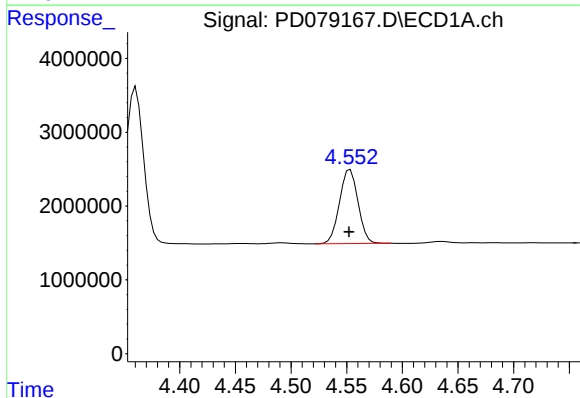
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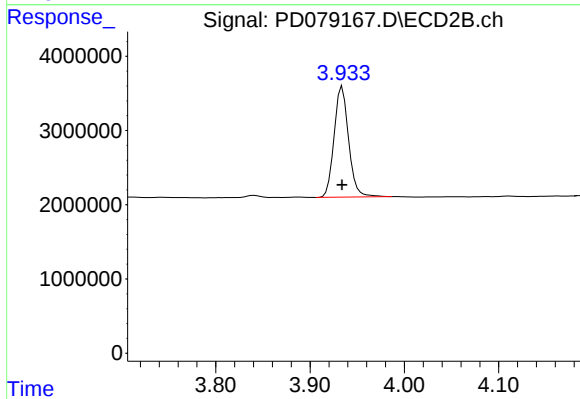
#3 gamma-BHC (Lindane)

R.T.: 3.639 min
Delta R.T.: 0.000 min
Response: 32185255
Conc: 9.48 ng/ml



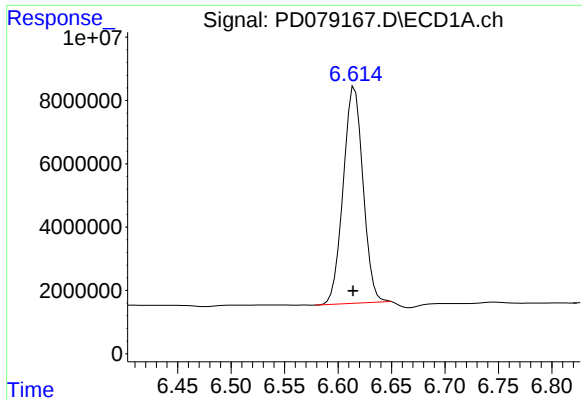
#6 beta-BHC

R.T.: 4.553 min
Delta R.T.: 0.001 min
Response: 11623066
Conc: 10.85 ng/ml



#6 beta-BHC

R.T.: 3.934 min
Delta R.T.: 0.000 min
Response: 15963411
Conc: 11.33 ng/ml



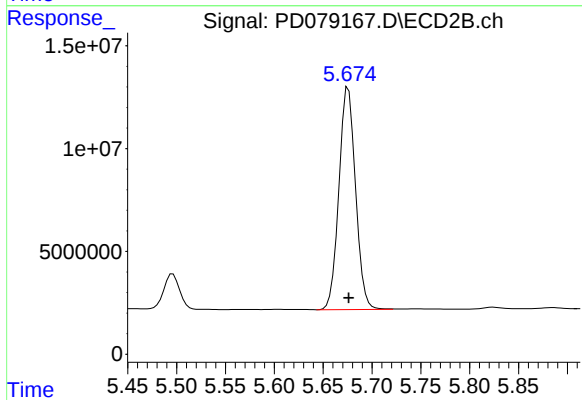
#14 Endrin

R.T.: 6.615 min
Delta R.T.: 0.001 min
Response: 88358660
Conc: 45.37 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

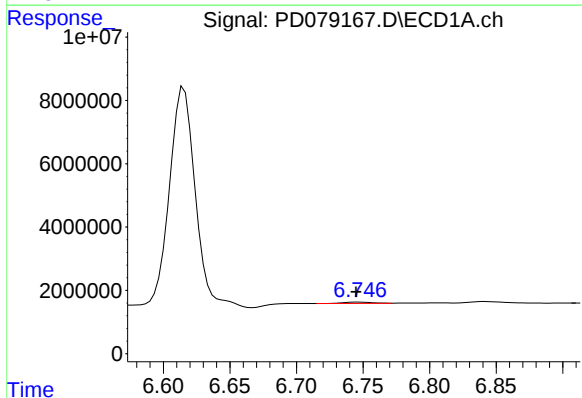
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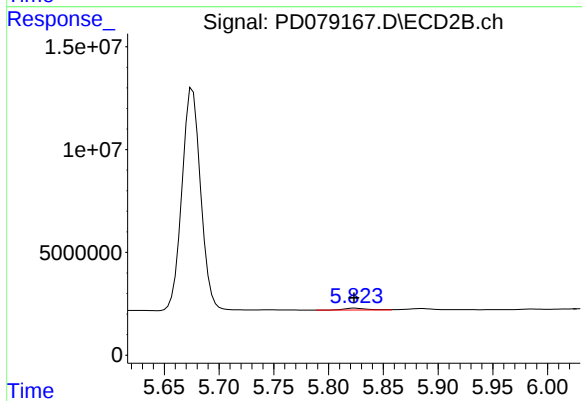
#14 Endrin

R.T.: 5.676 min
Delta R.T.: 0.000 min
Response: 128324073
Conc: 50.14 ng/ml



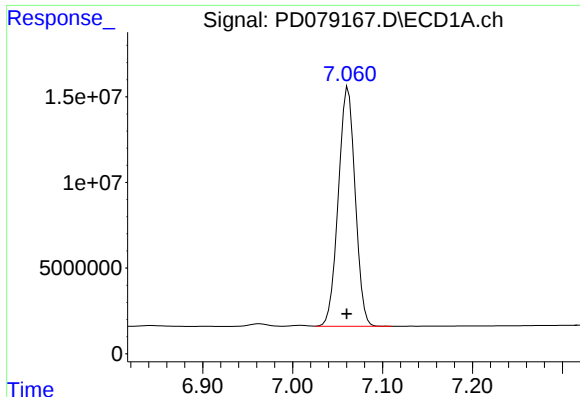
#16 4,4'-DDD

R.T.: 6.747 min
Delta R.T.: 0.003 min
Response: 608477
Conc: 0.35 ng/ml



#16 4,4'-DDD

R.T.: 5.824 min
Delta R.T.: 0.000 min
Response: 1343462
Conc: 0.59 ng/ml



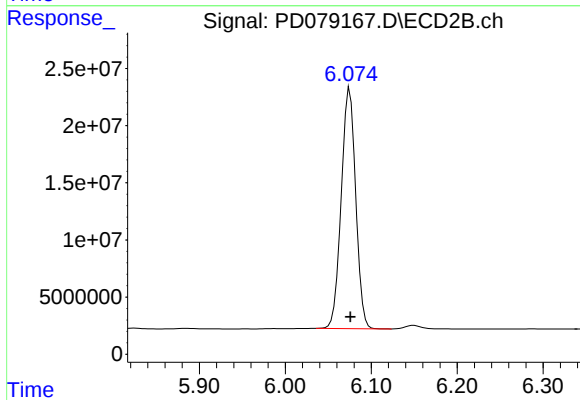
#17 4,4'-DDT

R.T.: 7.062 min
Delta R.T.: 0.002 min
Response: 181677196
Conc: 95.94 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

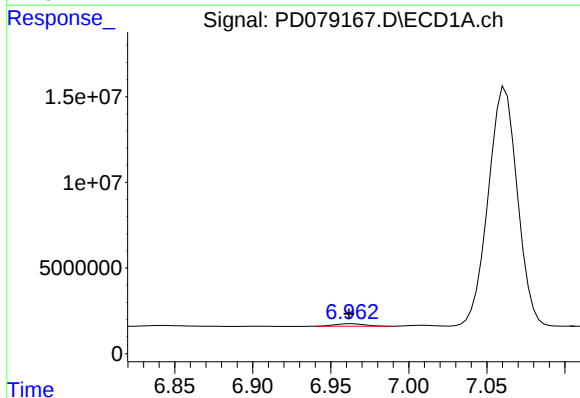
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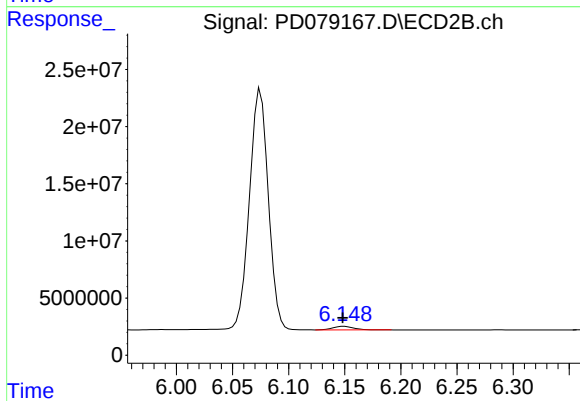
#17 4,4'-DDT

R.T.: 6.075 min
Delta R.T.: 0.000 min
Response: 246242286
Conc: 107.56 ng/ml



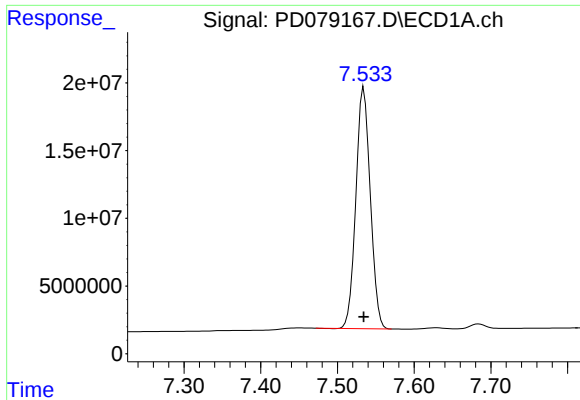
#18 Endrin aldehyde

R.T.: 6.963 min
Delta R.T.: 0.002 min
Response: 1954473
Conc: 1.27 ng/ml



#18 Endrin aldehyde

R.T.: 6.150 min
Delta R.T.: 0.001 min
Response: 3915665
Conc: 2.11 ng/ml



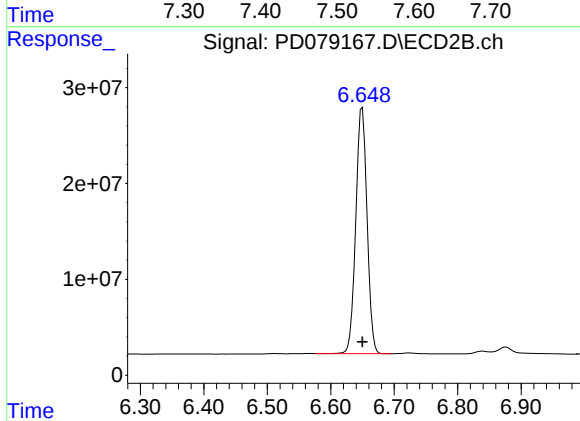
#20 Methoxychlor

R.T.: 7.535 min
Delta R.T.: 0.000 min
Response: 234544266
Conc: 214.04 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

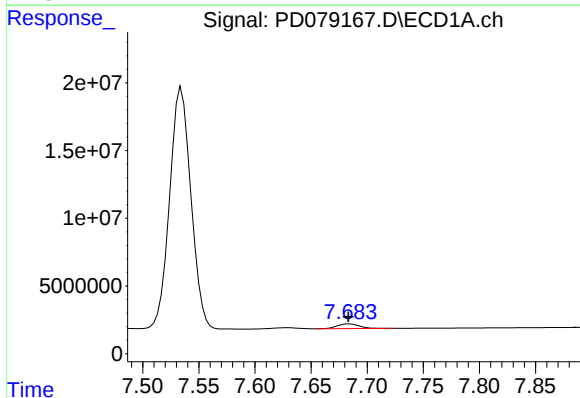
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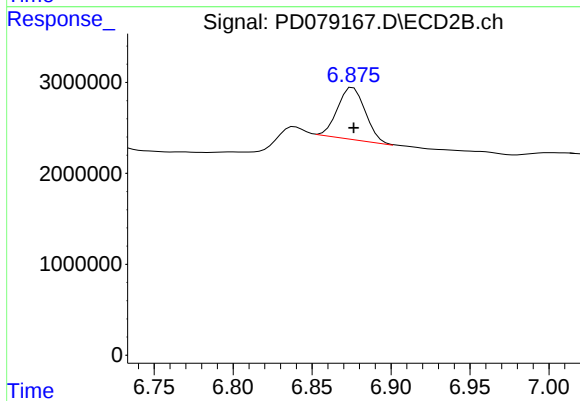
#20 Methoxychlor

R.T.: 6.650 min
Delta R.T.: 0.000 min
Response: 317347878
Conc: 233.75 ng/ml



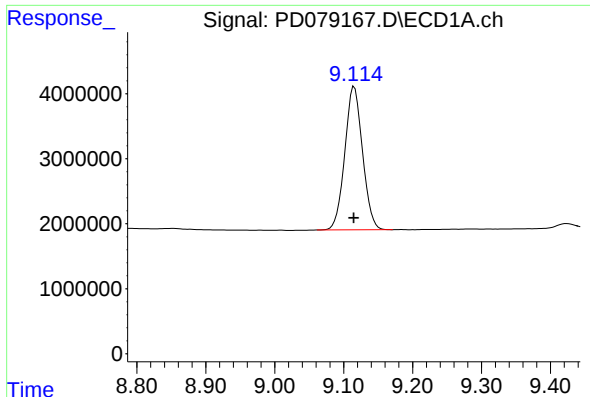
#21 Endrin ketone

R.T.: 7.684 min
Delta R.T.: 0.000 min
Response: 4747523
Conc: 2.18 ng/ml



#21 Endrin ketone

R.T.: 6.875 min
Delta R.T.: -0.002 min
Response: 7004592
Conc: 2.51 ng/ml m



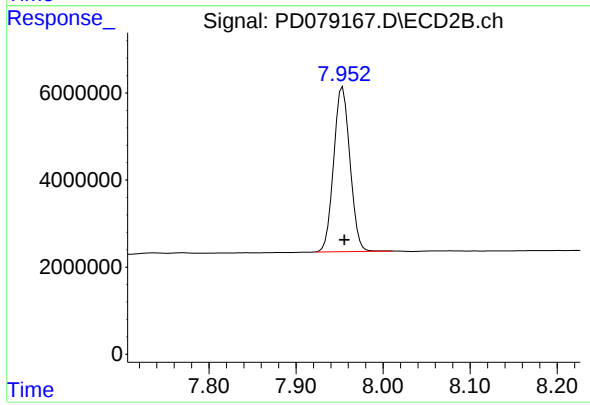
#28 Decachlorobiphenyl

R.T.: 9.115 min
Delta R.T.: 0.000 min
Response: 39398070
Conc: 19.64 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

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#28 Decachlorobiphenyl

R.T.: 7.954 min
Delta R.T.: -0.002 min
Response: 49258834
Conc: 20.21 ng/ml