

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD102523\
 Data File : PD079139.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 25 Oct 2023 12:36
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 10/26/2023
 Supervised By :Ankita Jodhani 10/26/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 26 01:34:45 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	28575913	42527723	17.699	18.368
28)	SA Decachlor...	9.117	7.955	34262895	44829367	17.080	18.392
Target Compounds							
2)	A alpha-BHC	4.027	3.309	22933951	31972311	8.615	9.221
3)	MA gamma-BHC...	4.360	3.639	22404526	30273136	8.621	8.915
6)	B beta-BHC	4.553	3.934	10658268	15178179	9.946	10.772
12)	B 4,4'-DDE	6.230	5.273	272031	678888	0.129	0.255 #
14)	MA Endrin	6.616	5.676	79713983	117.8E6	40.929	46.019
16)	A 4,4'-DDD	6.747	5.825	296600	922158	0.169m	0.404 #
17)	MA 4,4'-DDT	7.061	6.076	162.3E6	229.8E6	85.722	100.374
18)	B Endrin al...	6.964	6.151	1305441	3444981	0.845	1.853 #
20)	A Methoxychlor	7.535	6.650	215.7E6	300.5E6	196.862	221.351
21)	B Endrin ke...	7.683	6.877	3837444	6503446	1.760	2.326 #

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

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Operator : AR\AJ
Sample : PEM
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ALS Vial : 3 Sample Multiplier: 1

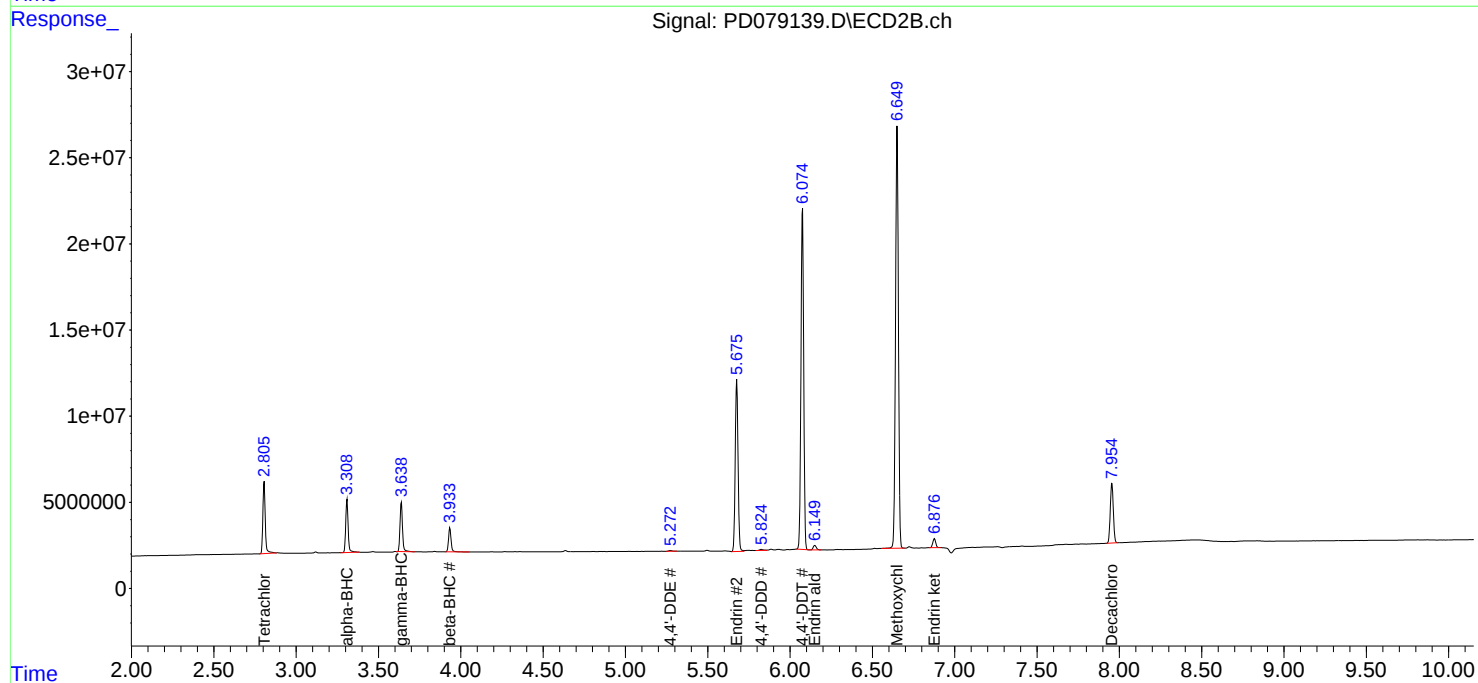
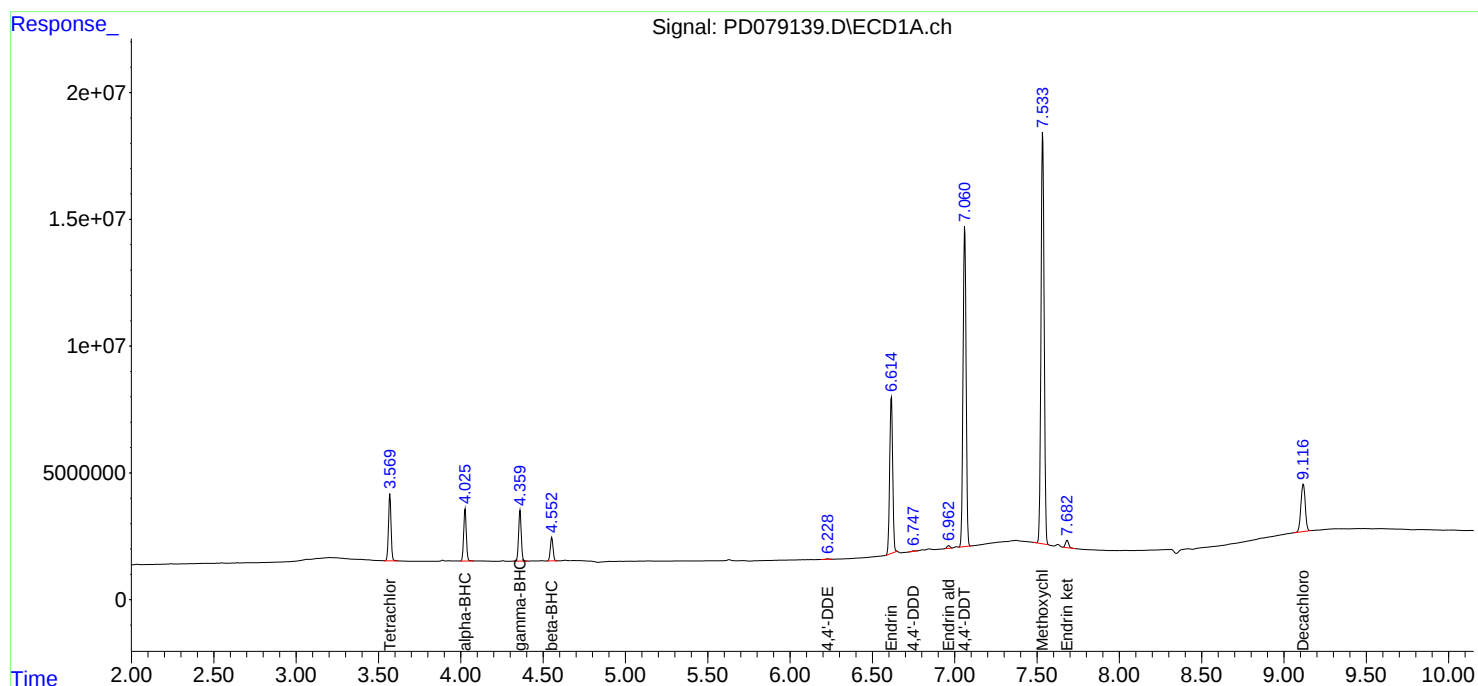
Instrument :
ECD_D
ClientSampleId :
PEM

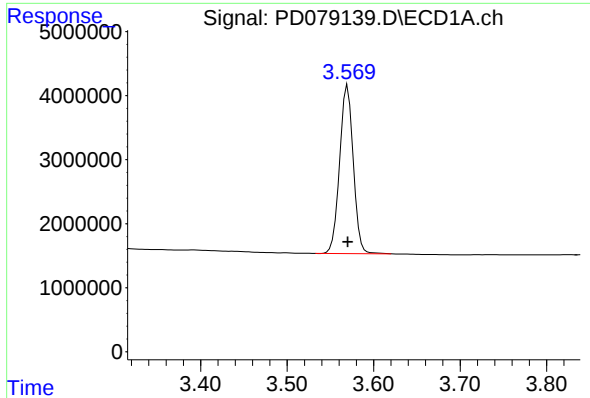
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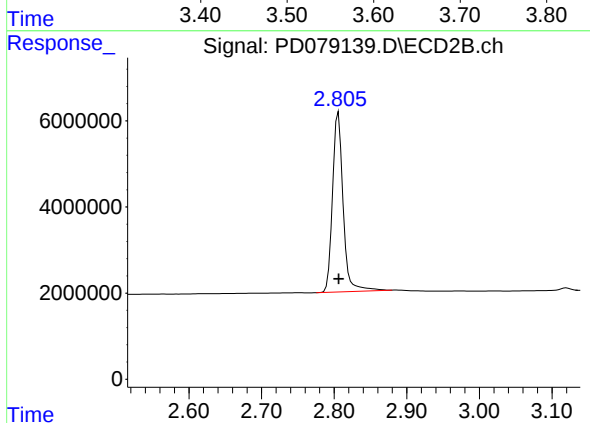
#1 Tetrachloro-m-xylene

R.T.: 3.570 min
Delta R.T.: 0.000 min
Response: 28575913
Conc: 17.70 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

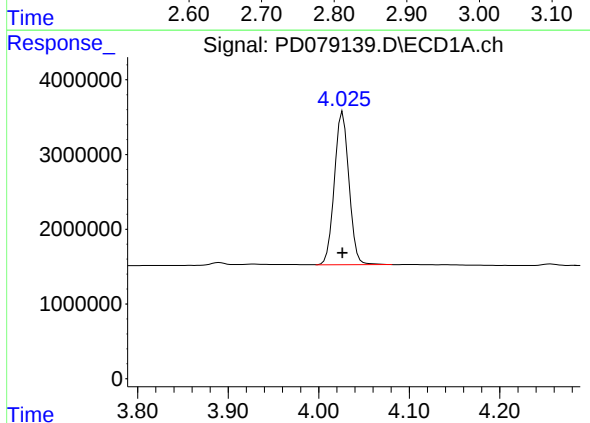
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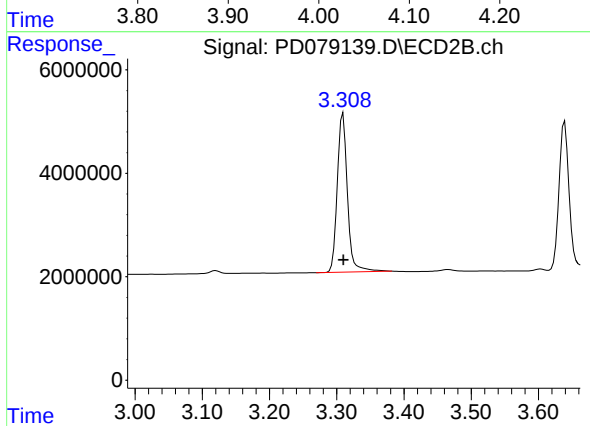
#1 Tetrachloro-m-xylene

R.T.: 2.806 min
Delta R.T.: 0.000 min
Response: 42527723
Conc: 18.37 ng/ml



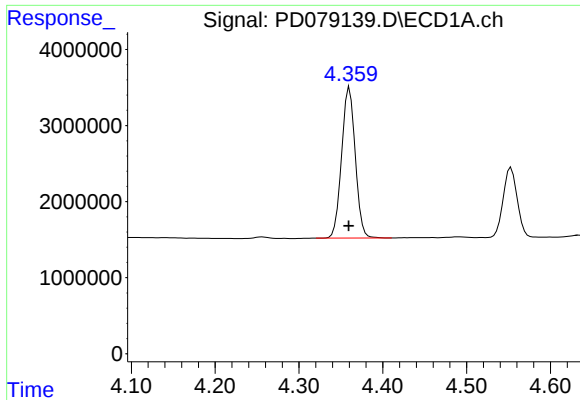
#2 alpha-BHC

R.T.: 4.027 min
Delta R.T.: 0.000 min
Response: 22933951
Conc: 8.62 ng/ml



#2 alpha-BHC

R.T.: 3.309 min
Delta R.T.: 0.000 min
Response: 31972311
Conc: 9.22 ng/ml



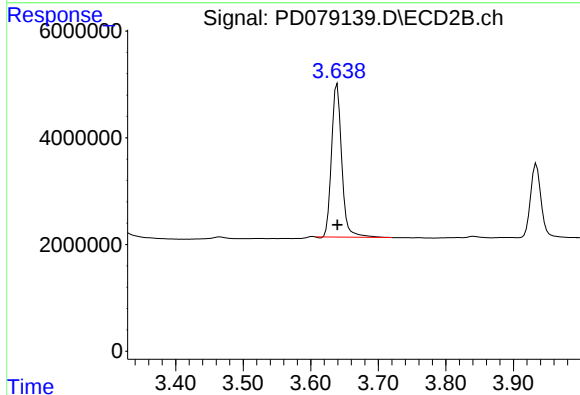
#3 gamma-BHC (Lindane)

R.T.: 4.360 min
Delta R.T.: 0.000 min
Response: 22404526
Conc: 8.62 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

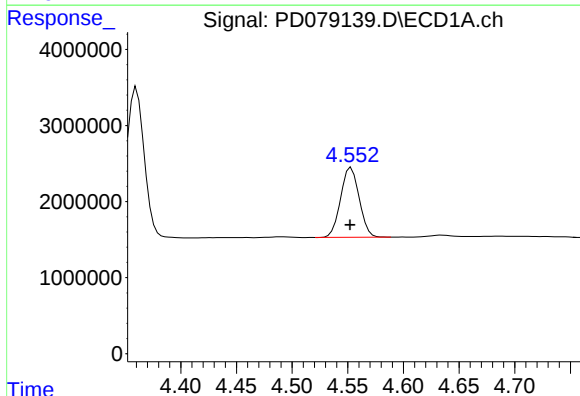
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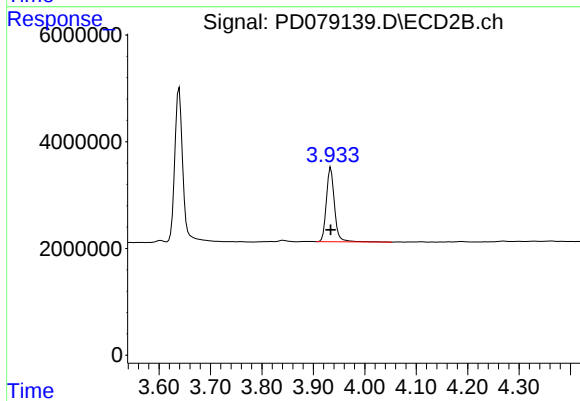
#3 gamma-BHC (Lindane)

R.T.: 3.639 min
Delta R.T.: 0.000 min
Response: 30273136
Conc: 8.91 ng/ml



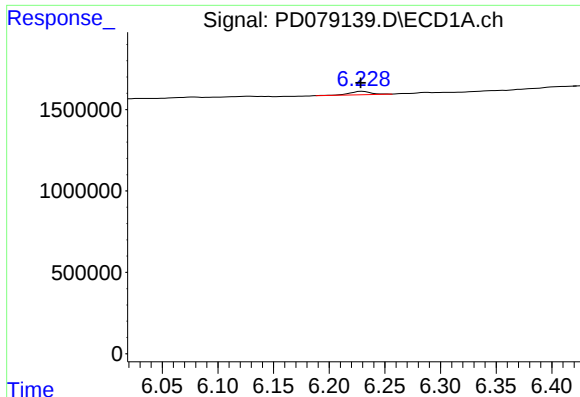
#6 beta-BHC

R.T.: 4.553 min
Delta R.T.: 0.000 min
Response: 10658268
Conc: 9.95 ng/ml



#6 beta-BHC

R.T.: 3.934 min
Delta R.T.: 0.000 min
Response: 15178179
Conc: 10.77 ng/ml



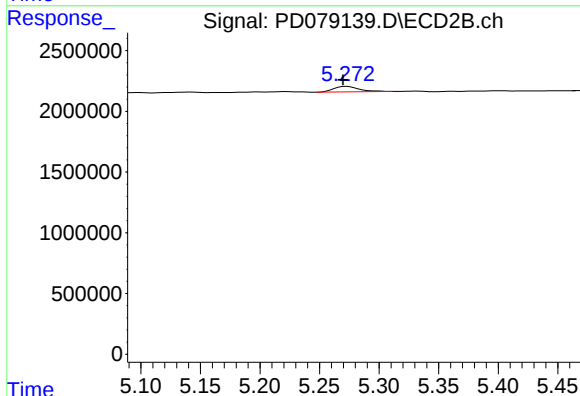
#12 4,4'-DDE

R.T.: 6.230 min
Delta R.T.: 0.002 min
Response: 272031
Conc: 0.13 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

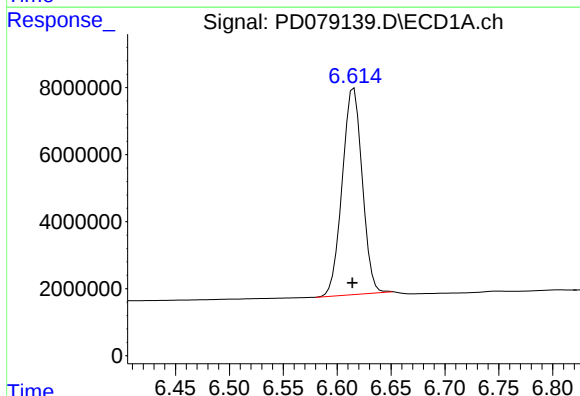
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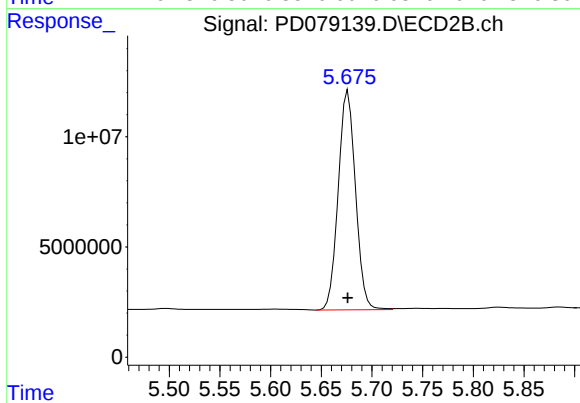
#12 4,4'-DDE

R.T.: 5.273 min
Delta R.T.: 0.003 min
Response: 678888
Conc: 0.25 ng/ml



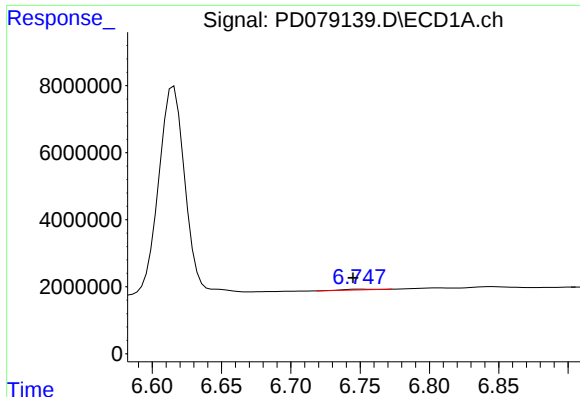
#14 Endrin

R.T.: 6.616 min
Delta R.T.: 0.001 min
Response: 79713983
Conc: 40.93 ng/ml



#14 Endrin

R.T.: 5.676 min
Delta R.T.: 0.000 min
Response: 117768897
Conc: 46.02 ng/ml



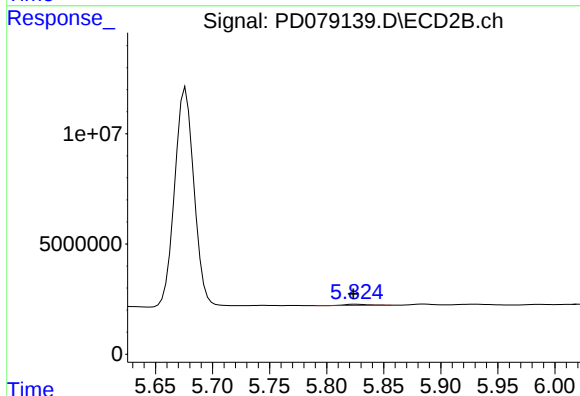
#16 4,4'-DDD

R.T.: 6.747 min
Delta R.T.: 0.003 min
Response: 296600
Conc: 0.17 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

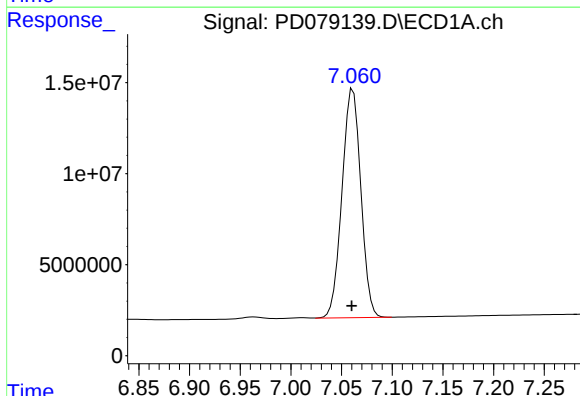
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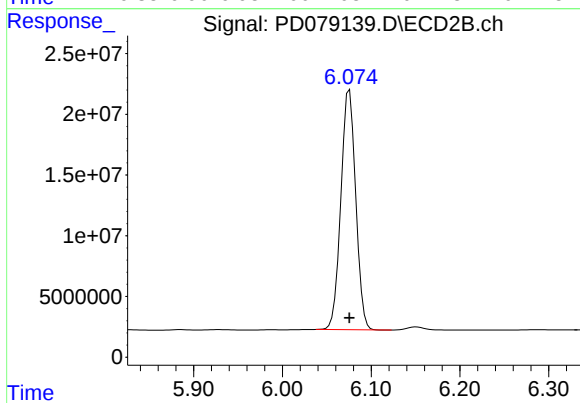
#16 4,4'-DDD

R.T.: 5.825 min
Delta R.T.: 0.002 min
Response: 922158
Conc: 0.40 ng/ml



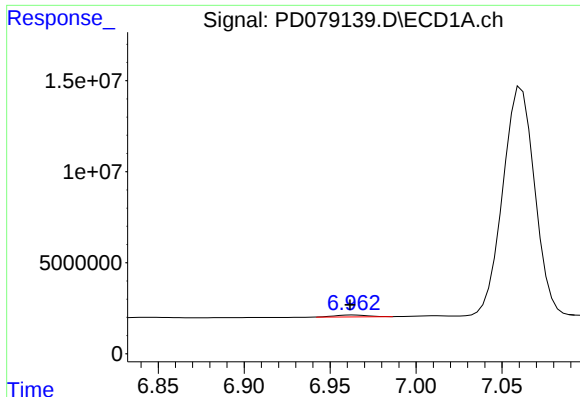
#17 4,4'-DDT

R.T.: 7.061 min
Delta R.T.: 0.001 min
Response: 162328368
Conc: 85.72 ng/ml



#17 4,4'-DDT

R.T.: 6.076 min
Delta R.T.: 0.000 min
Response: 229794609
Conc: 100.37 ng/ml



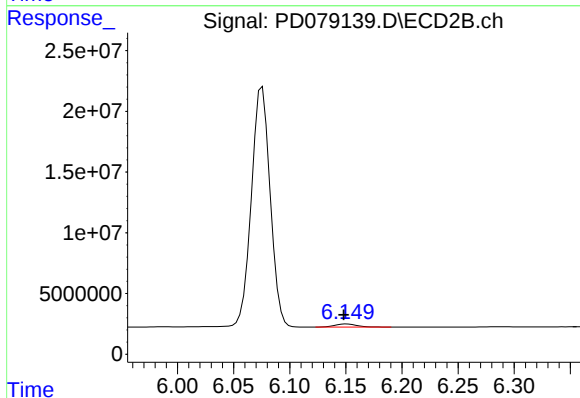
#18 Endrin aldehyde

R.T.: 6.964 min
Delta R.T.: 0.002 min
Response: 1305441
Conc: 0.85 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

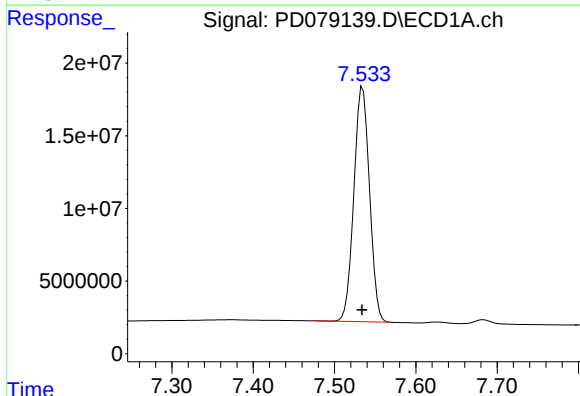
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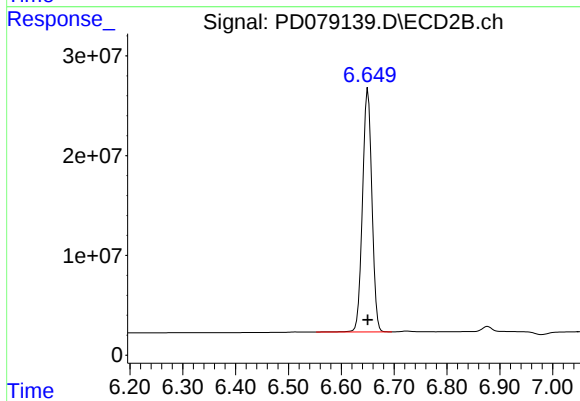
#18 Endrin aldehyde

R.T.: 6.151 min
Delta R.T.: 0.003 min
Response: 3444981
Conc: 1.85 ng/ml



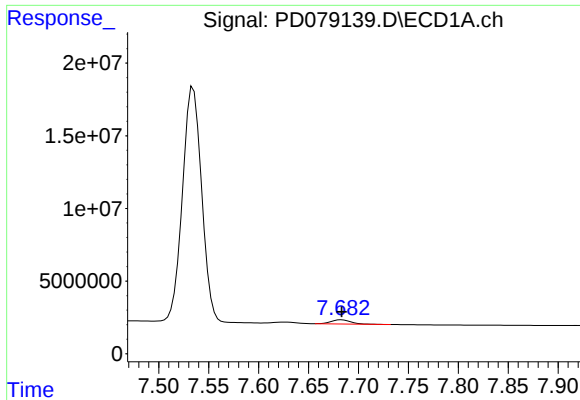
#20 Methoxychlor

R.T.: 7.535 min
Delta R.T.: 0.000 min
Response: 215716862
Conc: 196.86 ng/ml



#20 Methoxychlor

R.T.: 6.650 min
Delta R.T.: 0.000 min
Response: 300512275
Conc: 221.35 ng/ml



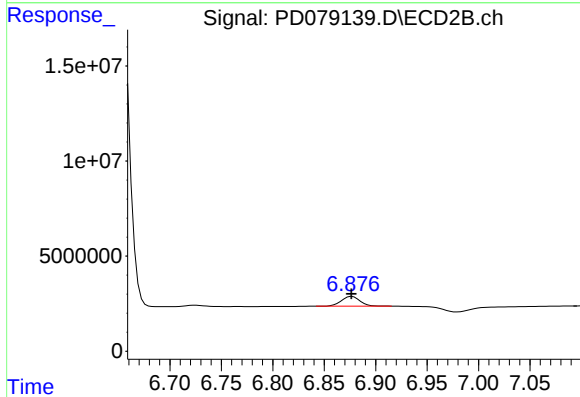
#21 Endrin ketone

R.T.: 7.683 min
Delta R.T.: 0.000 min
Response: 3837444
Conc: 1.76 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

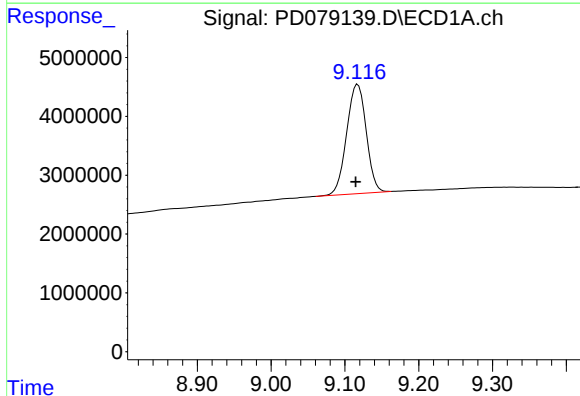
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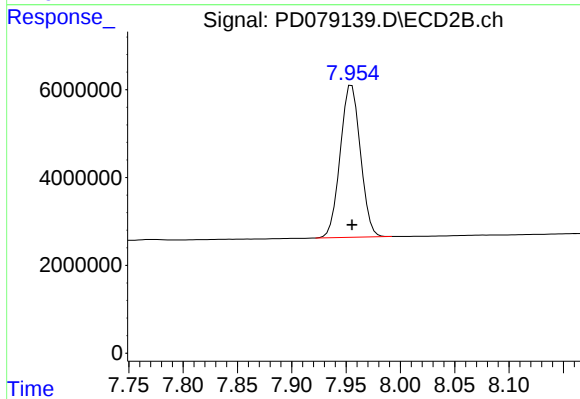
#21 Endrin ketone

R.T.: 6.877 min
Delta R.T.: 0.000 min
Response: 6503446
Conc: 2.33 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.117 min
Delta R.T.: 0.003 min
Response: 34262895
Conc: 17.08 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.955 min
Delta R.T.: 0.000 min
Response: 44829367
Conc: 18.39 ng/ml