

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD102023\
 Data File : PD079008.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 20 Oct 2023 02:35
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 10/20/2023
 Supervised By :Ankita Jodhani 10/20/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 20 04:47:06 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	30691690	43980402	19.009	18.996
28)	SA Decachlor...	9.117	7.956	38735072	48054575	19.309	19.715
Target Compounds							
2)	A alpha-BHC	4.027	3.310	25022575	33399708	9.400	9.632
3)	MA gamma-BHC...	4.360	3.640	24201185	31417895	9.312	9.252
6)	B beta-BHC	4.553	3.934	11359820	15481577	10.601	10.987
12)	B 4,4'-DDE	6.229	5.273	241482	618846	0.114	0.232 #
14)	MA Endrin	6.616	5.677	83429101	118.3E6	42.837	46.234
16)	A 4,4'-DDD	6.747	5.825	1068494	1527175	0.608	0.669
17)	MA 4,4'-DDT	7.062	6.076	176.3E6	231.0E6	93.074	100.887
18)	B Endrin al...	6.963	6.150	2368729	4325828	1.534	2.327 #
20)	A Methoxychlor	7.536	6.651	230.5E6	301.5E6	210.368	222.095
21)	B Endrin ke...	7.685	6.876	5498015	7417643	2.522	2.653m

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

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Acq On : 20 Oct 2023 02:35
Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

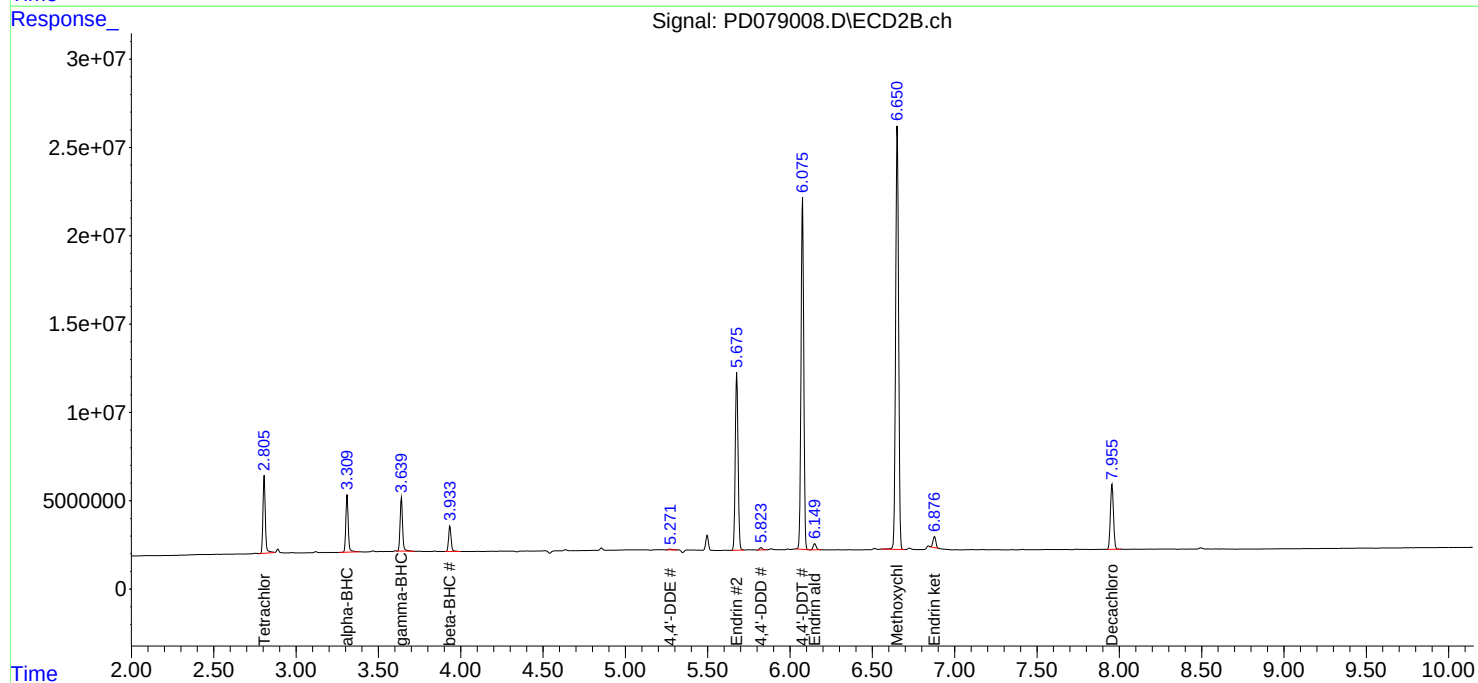
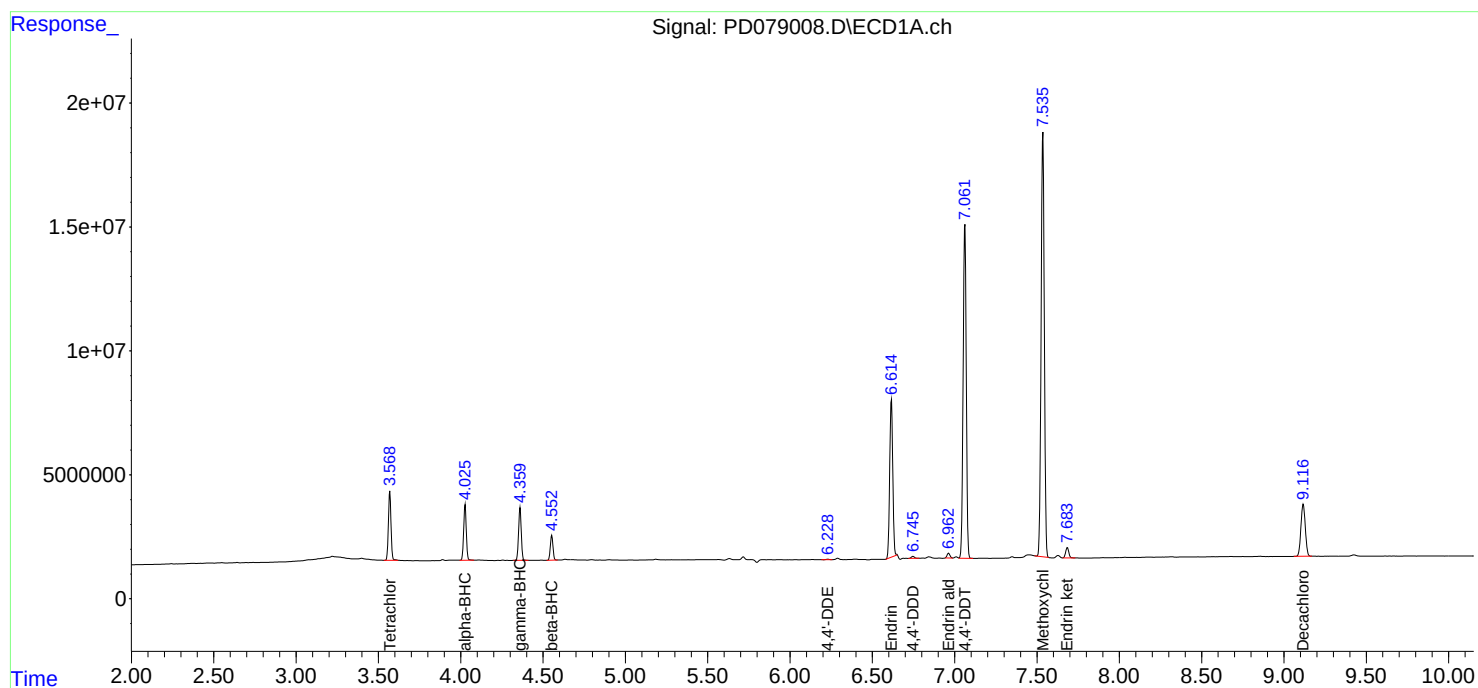
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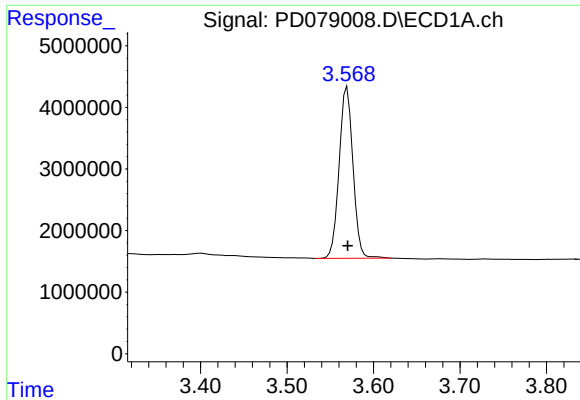
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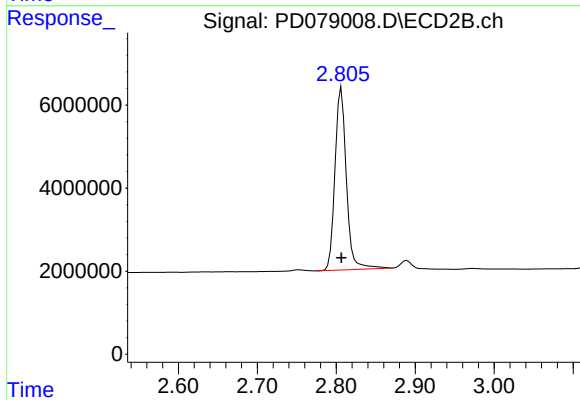
#1 Tetrachloro-m-xylene

R.T.: 3.570 min
Delta R.T.: 0.000 min
Response: 30691690
Conc: 19.01 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

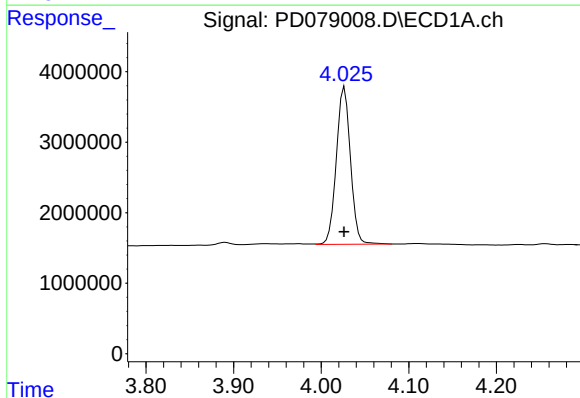
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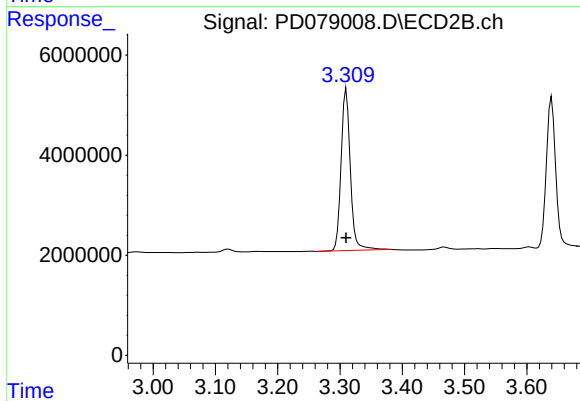
#1 Tetrachloro-m-xylene

R.T.: 2.806 min
Delta R.T.: 0.000 min
Response: 43980402
Conc: 19.00 ng/ml



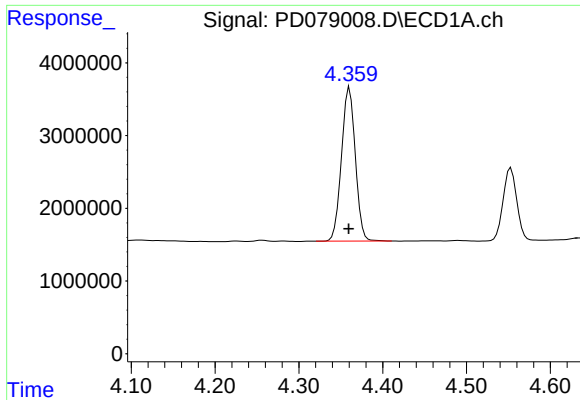
#2 alpha-BHC

R.T.: 4.027 min
Delta R.T.: 0.000 min
Response: 25022575
Conc: 9.40 ng/ml



#2 alpha-BHC

R.T.: 3.310 min
Delta R.T.: 0.000 min
Response: 33399708
Conc: 9.63 ng/ml



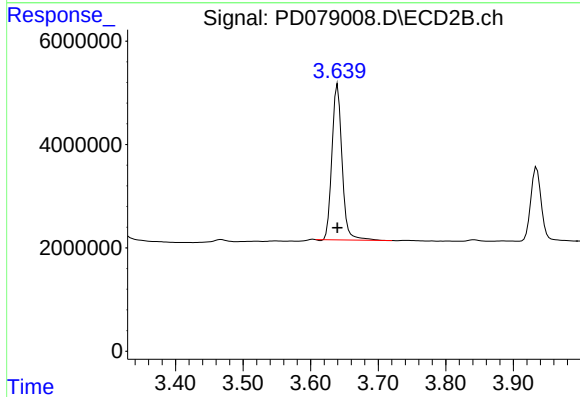
#3 gamma-BHC (Lindane)

R.T.: 4.360 min
Delta R.T.: 0.000 min
Response: 24201185
Conc: 9.31 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

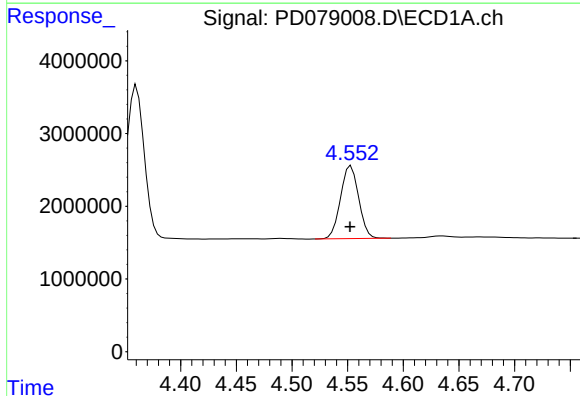
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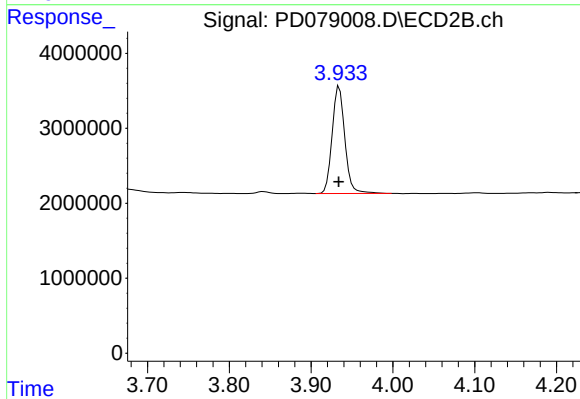
#3 gamma-BHC (Lindane)

R.T.: 3.640 min
Delta R.T.: 0.000 min
Response: 31417895
Conc: 9.25 ng/ml



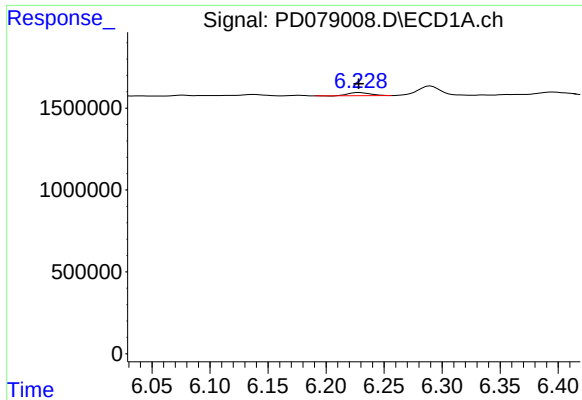
#6 beta-BHC

R.T.: 4.553 min
Delta R.T.: 0.000 min
Response: 11359820
Conc: 10.60 ng/ml



#6 beta-BHC

R.T.: 3.934 min
Delta R.T.: 0.000 min
Response: 15481577
Conc: 10.99 ng/ml



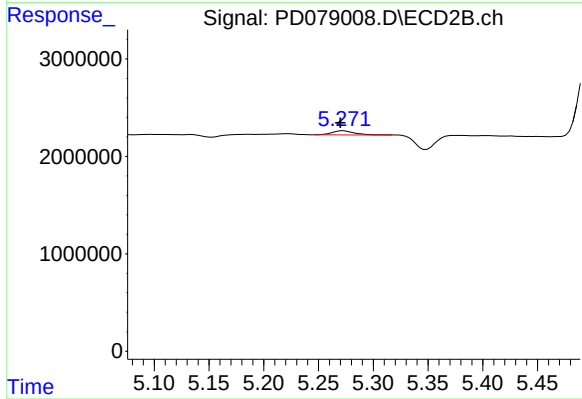
#12 4,4'-DDE

R.T.: 6.229 min
Delta R.T.: 0.000 min
Response: 241482
Conc: 0.11 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

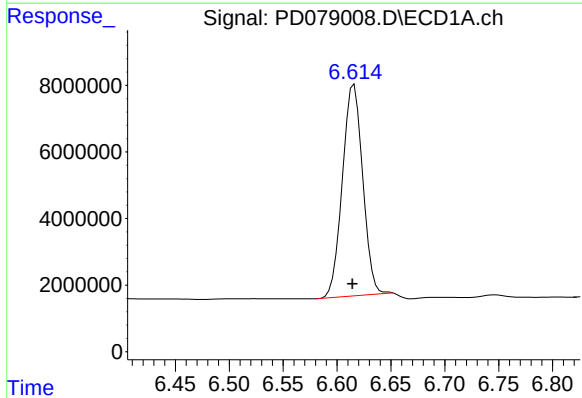
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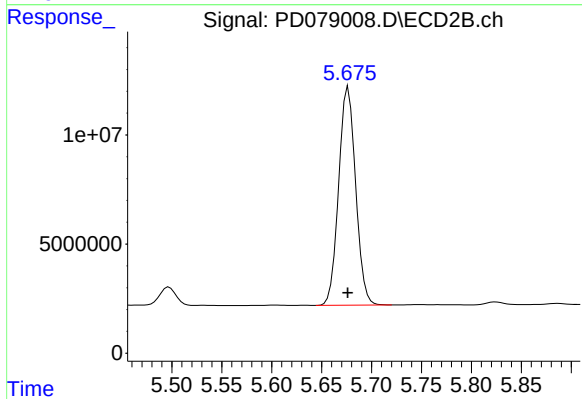
#12 4,4'-DDE

R.T.: 5.273 min
Delta R.T.: 0.003 min
Response: 618846
Conc: 0.23 ng/ml



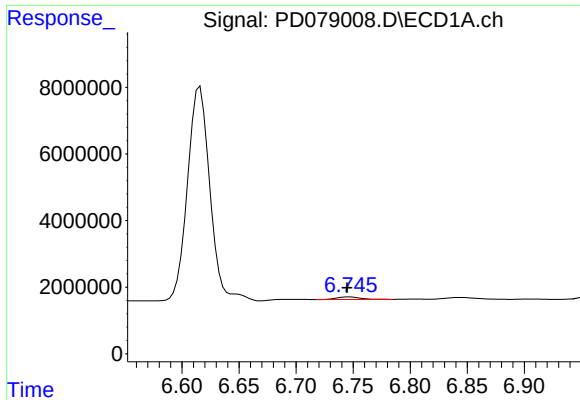
#14 Endrin

R.T.: 6.616 min
Delta R.T.: 0.002 min
Response: 83429101
Conc: 42.84 ng/ml



#14 Endrin

R.T.: 5.677 min
Delta R.T.: 0.000 min
Response: 118318991
Conc: 46.23 ng/ml



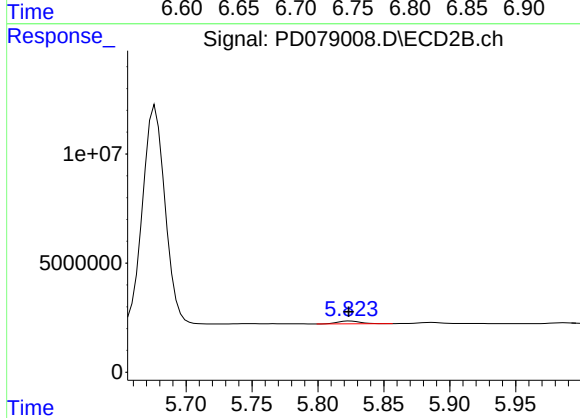
#16 4,4'-DDD

R.T.: 6.747 min
Delta R.T.: 0.002 min
Response: 1068494
Conc: 0.61 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

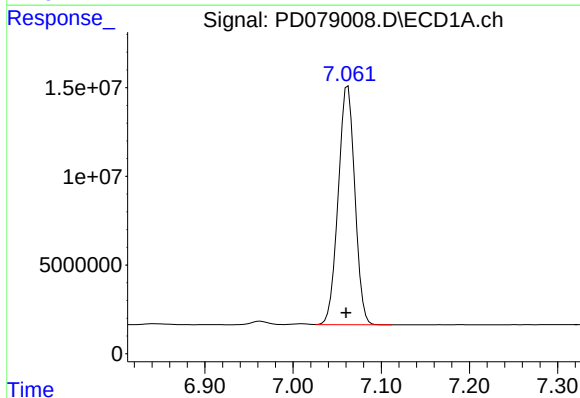
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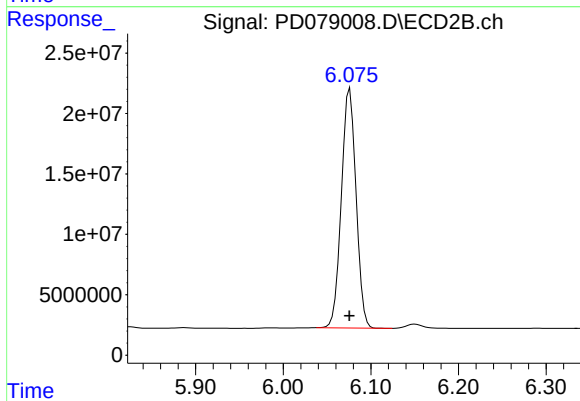
#16 4,4'-DDD

R.T.: 5.825 min
Delta R.T.: 0.001 min
Response: 1527175
Conc: 0.67 ng/ml



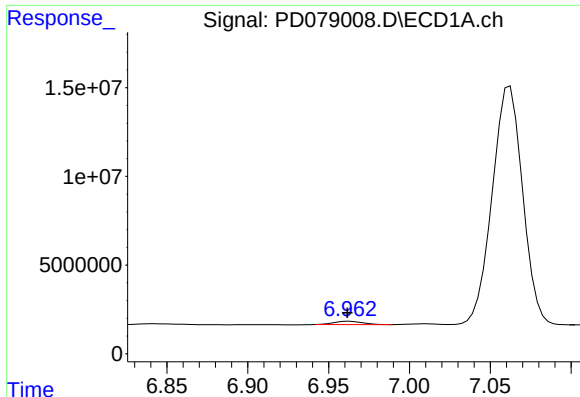
#17 4,4'-DDT

R.T.: 7.062 min
Delta R.T.: 0.002 min
Response: 176251880
Conc: 93.07 ng/ml



#17 4,4'-DDT

R.T.: 6.076 min
Delta R.T.: 0.000 min
Response: 230968336
Conc: 100.89 ng/ml



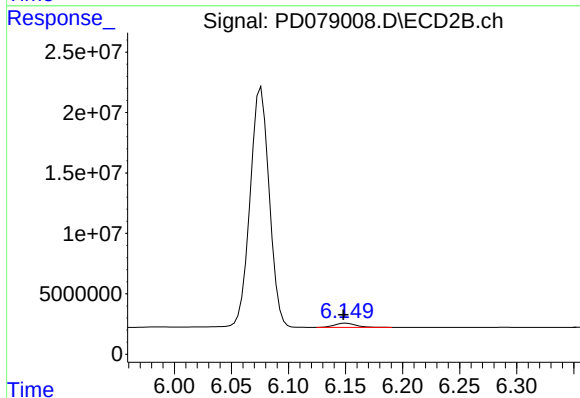
#18 Endrin aldehyde

R.T.: 6.963 min
Delta R.T.: 0.001 min
Response: 2368729
Conc: 1.53 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

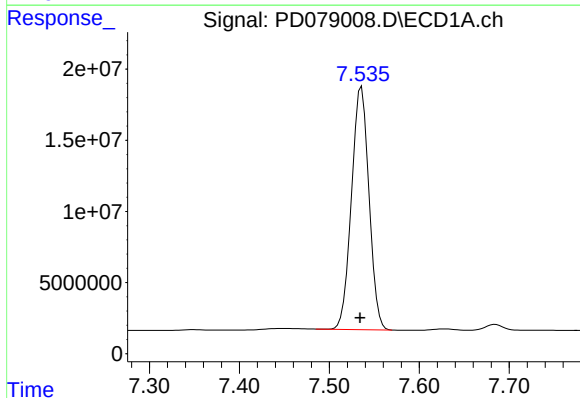
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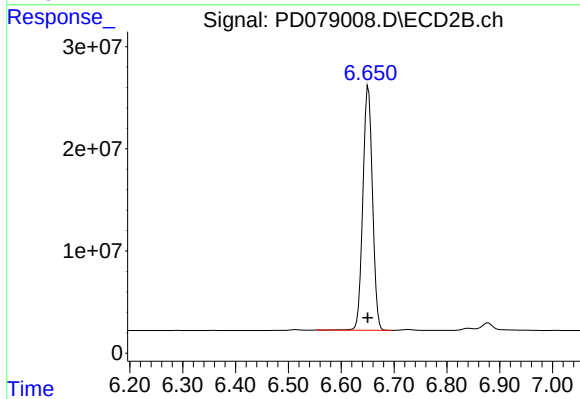
#18 Endrin aldehyde

R.T.: 6.150 min
Delta R.T.: 0.002 min
Response: 4325828
Conc: 2.33 ng/ml



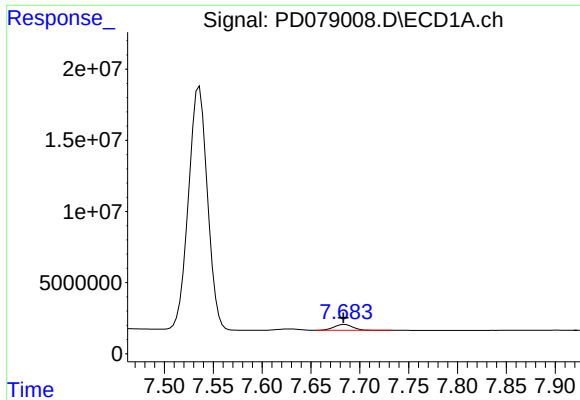
#20 Methoxychlor

R.T.: 7.536 min
Delta R.T.: 0.002 min
Response: 230516557
Conc: 210.37 ng/ml



#20 Methoxychlor

R.T.: 6.651 min
Delta R.T.: 0.001 min
Response: 301523070
Conc: 222.10 ng/ml



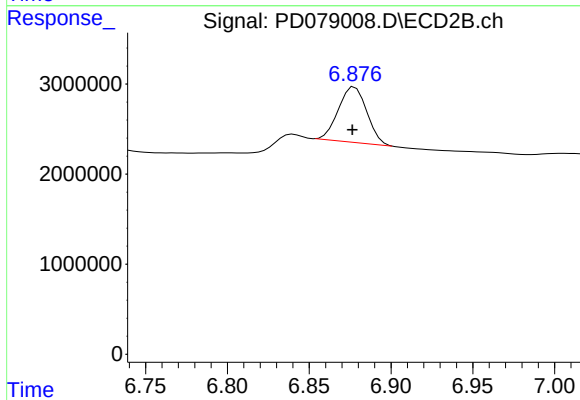
#21 Endrin ketone

R.T.: 7.685 min
Delta R.T.: 0.001 min
Response: 5498015
Conc: 2.52 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

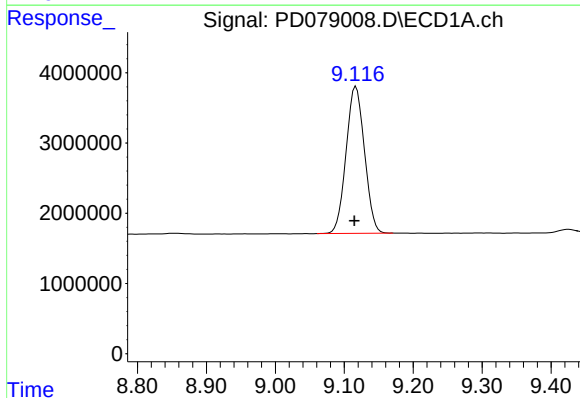
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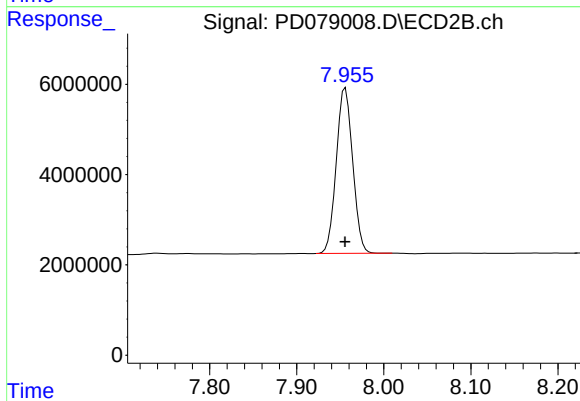
#21 Endrin ketone

R.T.: 6.876 min
Delta R.T.: 0.000 min
Response: 7417643
Conc: 2.65 ng/ml m



#28 Decachlorobiphenyl

R.T.: 9.117 min
Delta R.T.: 0.002 min
Response: 38735072
Conc: 19.31 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.956 min
Delta R.T.: 0.000 min
Response: 48054575
Conc: 19.71 ng/ml