

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD110523\
 Data File : PD079406.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 03 Nov 2023 09:10
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 11/04/2023
 Supervised By :mohammad ahmed 11/06/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 04 00:13:56 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...	3.567	2.802	29648355	42646223	18.363	18.419
28)	SA Decachlor...	9.113	7.949	31516789	43829325	15.711	17.981m
Target Compounds							
2)	A alpha-BHC	4.024	3.306	23896608	32684189	8.977	9.426
3)	MA gamma-BHC...	4.358	3.636	23214929	31952944	8.933	9.410
6)	B beta-BHC	4.551	3.931	11114558	15525532	10.372	11.018
14)	MA Endrin	6.613	5.672	77792038	121.2E6	39.942	47.351
16)	A 4,4'-DDD	6.743	5.820	2319720	4458690	1.320m	1.952 #
17)	MA 4,4'-DDT	7.059	6.071	157.4E6	228.6E6	83.129	99.833
18)	B Endrin al...	6.960	6.145	1649279	3843522	1.068	2.067 #
20)	A Methoxychlor	7.533	6.646	210.9E6	291.3E6	192.482	214.590
21)	B Endrin ke...	7.682	6.870	5032576	7443403	2.308	2.662m

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

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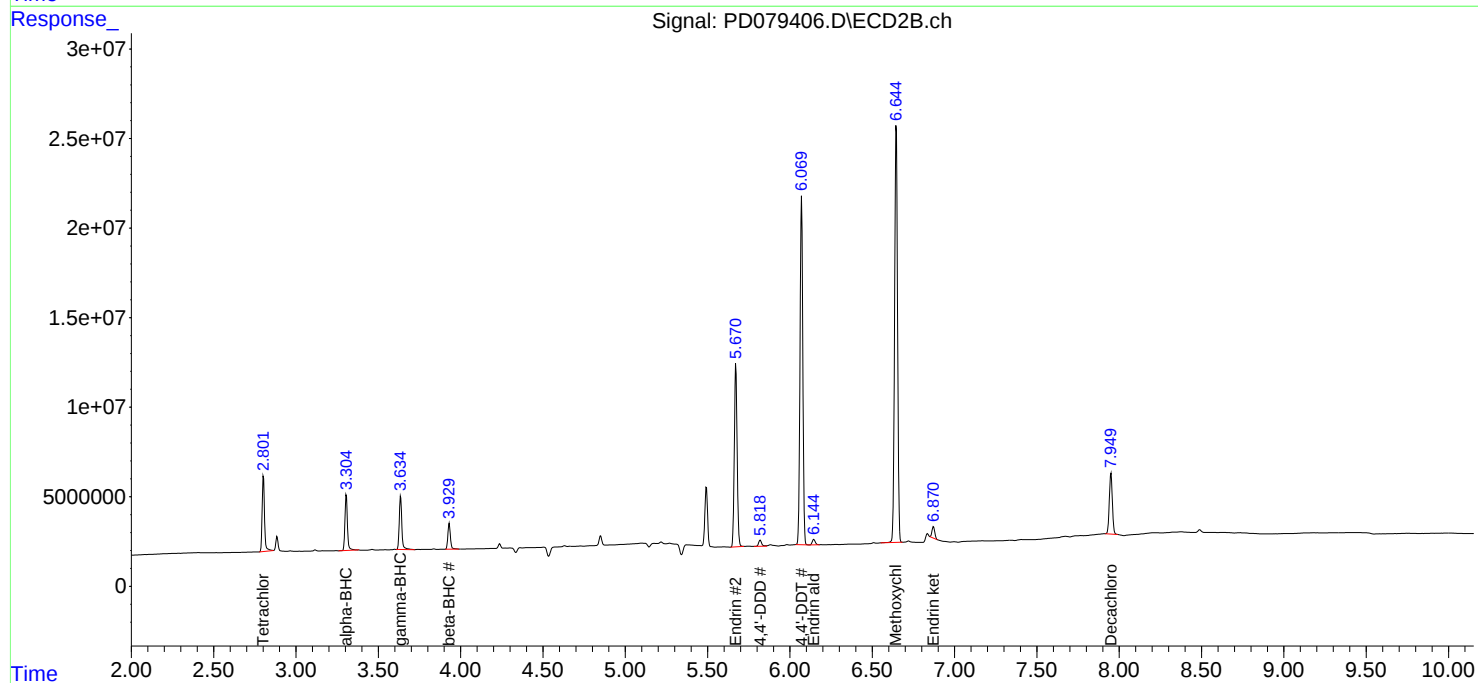
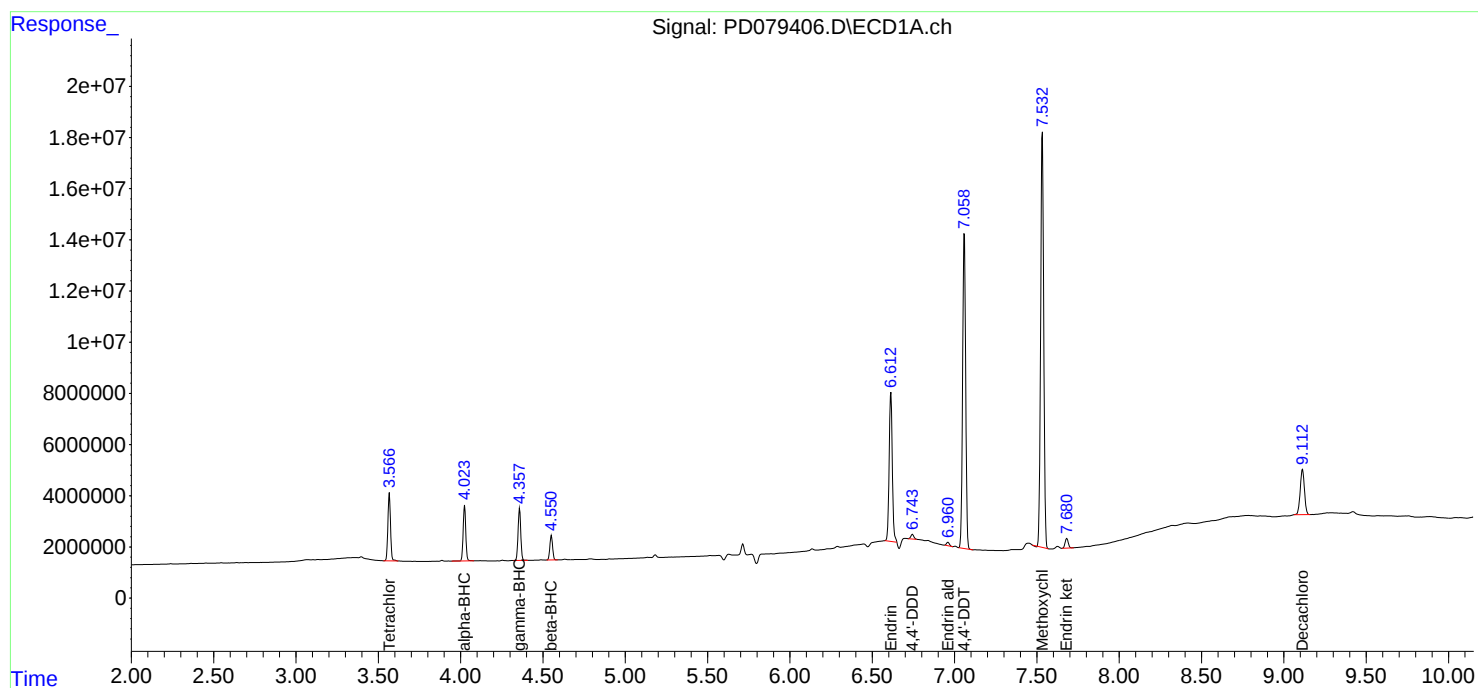
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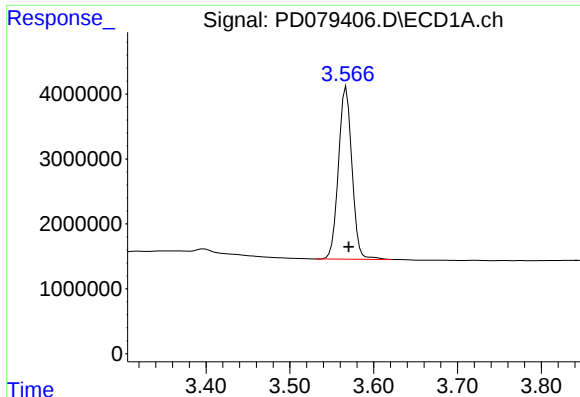
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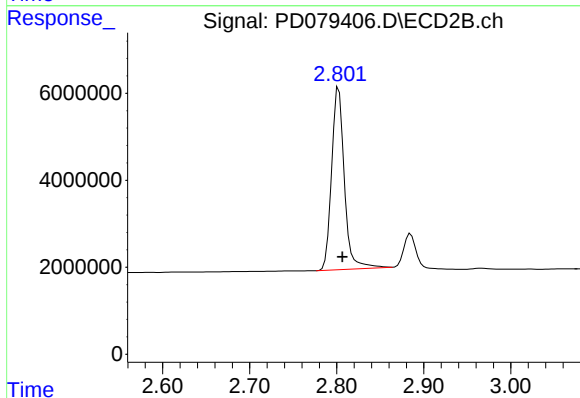
#1 Tetrachloro-m-xylene

R.T.: 3.567 min
Delta R.T.: -0.003 min
Response: 29648355
Conc: 18.36 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

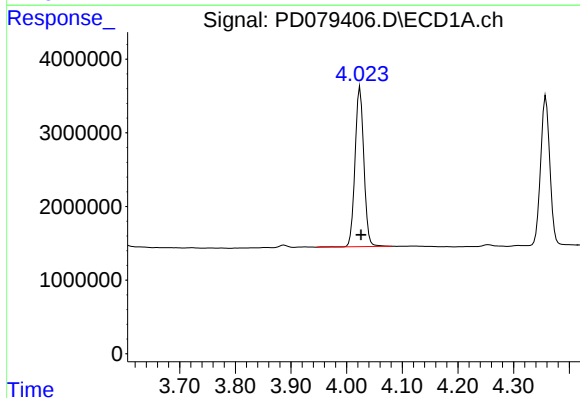
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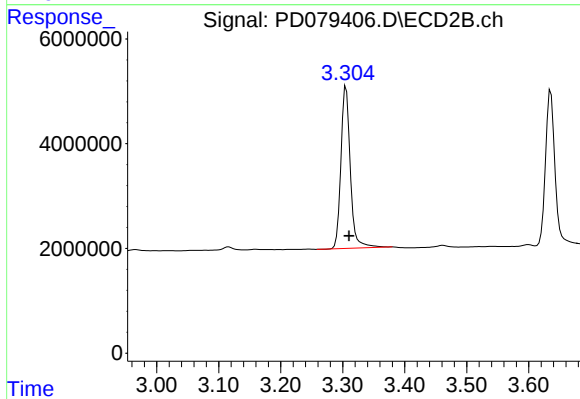
#1 Tetrachloro-m-xylene

R.T.: 2.802 min
Delta R.T.: -0.004 min
Response: 42646223
Conc: 18.42 ng/ml



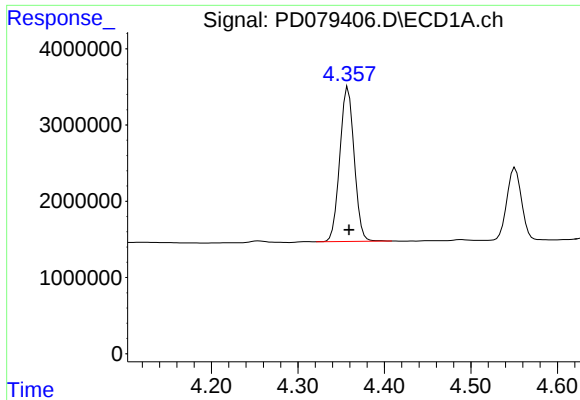
#2 alpha-BHC

R.T.: 4.024 min
Delta R.T.: -0.002 min
Response: 23896608
Conc: 8.98 ng/ml



#2 alpha-BHC

R.T.: 3.306 min
Delta R.T.: -0.004 min
Response: 32684189
Conc: 9.43 ng/ml



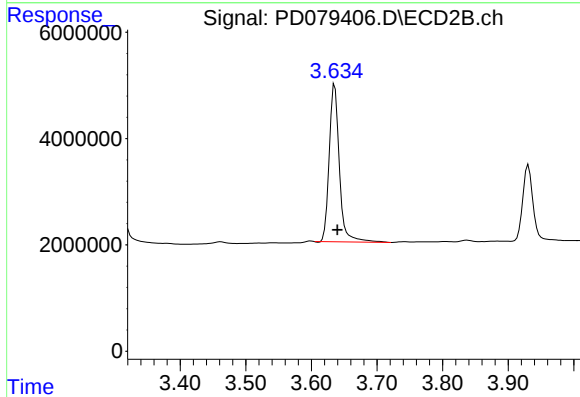
#3 gamma-BHC (Lindane)

R.T.: 4.358 min
Delta R.T.: -0.001 min
Response: 23214929
Conc: 8.93 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

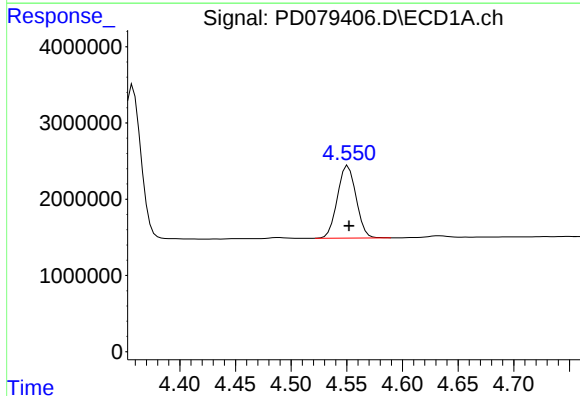
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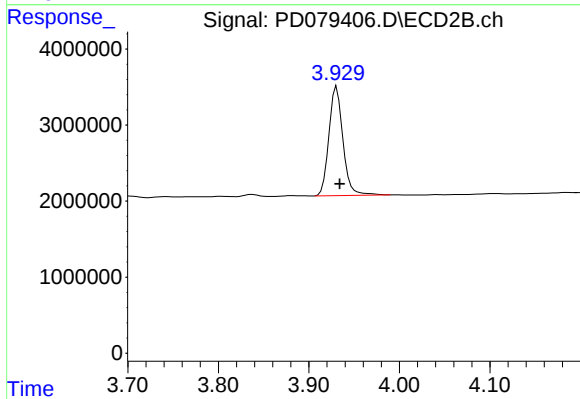
#3 gamma-BHC (Lindane)

R.T.: 3.636 min
Delta R.T.: -0.004 min
Response: 31952944
Conc: 9.41 ng/ml



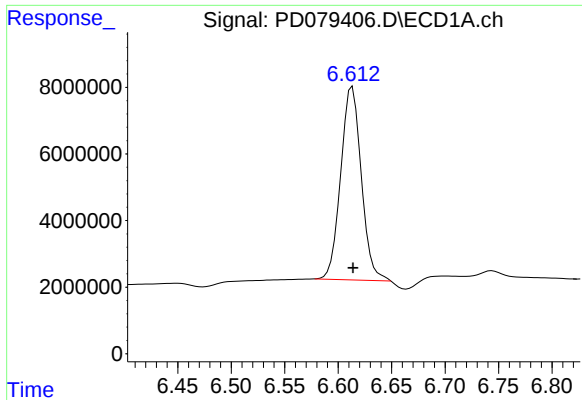
#6 beta-BHC

R.T.: 4.551 min
Delta R.T.: 0.000 min
Response: 11114558
Conc: 10.37 ng/ml



#6 beta-BHC

R.T.: 3.931 min
Delta R.T.: -0.003 min
Response: 15525532
Conc: 11.02 ng/ml



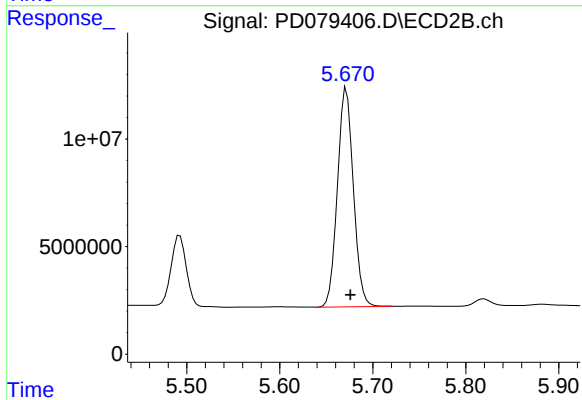
#14 Endrin

R.T.: 6.613 min
Delta R.T.: 0.000 min
Response: 77792038
Conc: 39.94 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

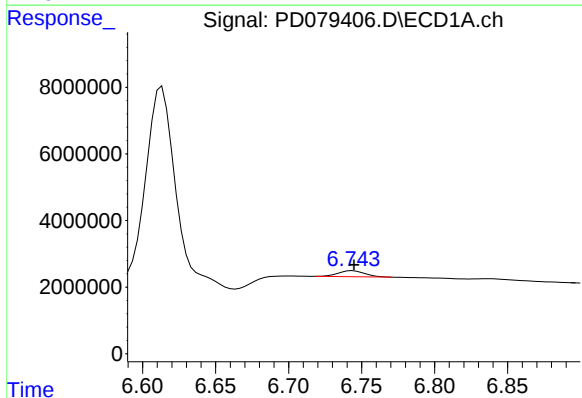
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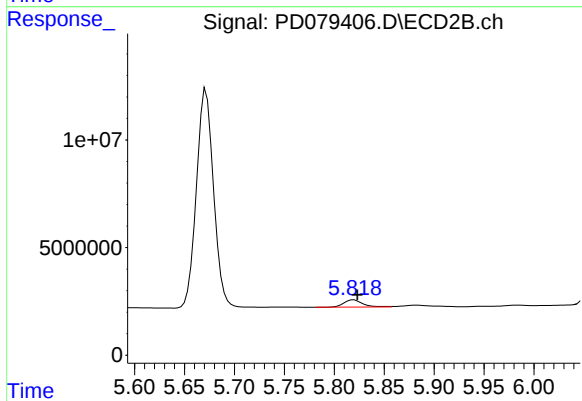
#14 Endrin

R.T.: 5.672 min
Delta R.T.: -0.004 min
Response: 121177110
Conc: 47.35 ng/ml



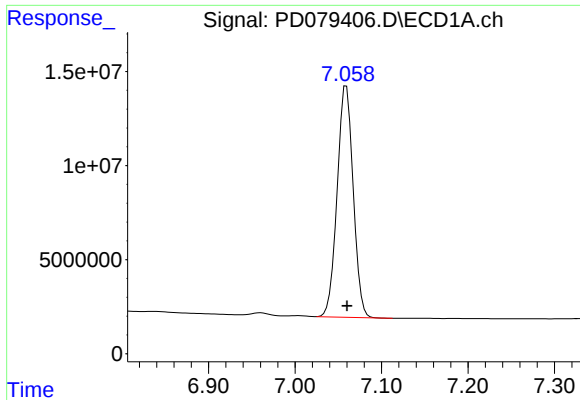
#16 4,4'-DDD

R.T.: 6.743 min
Delta R.T.: -0.002 min
Response: 2319720
Conc: 1.32 ng/ml m



#16 4,4'-DDD

R.T.: 5.820 min
Delta R.T.: -0.004 min
Response: 4458690
Conc: 1.95 ng/ml



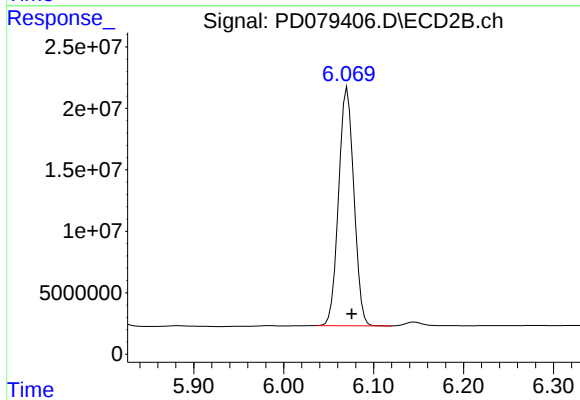
#17 4,4'-DDT

R.T.: 7.059 min
Delta R.T.: 0.000 min
Response: 157418445
Conc: 83.13 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

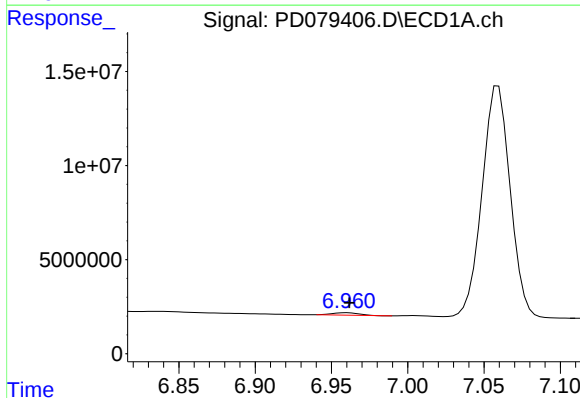
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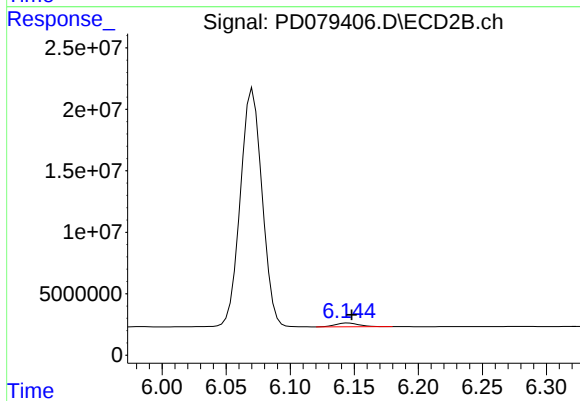
#17 4,4'-DDT

R.T.: 6.071 min
Delta R.T.: -0.005 min
Response: 228554873
Conc: 99.83 ng/ml



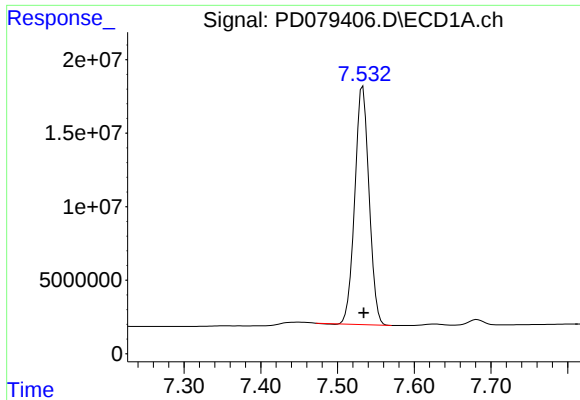
#18 Endrin aldehyde

R.T.: 6.960 min
Delta R.T.: -0.002 min
Response: 1649279
Conc: 1.07 ng/ml



#18 Endrin aldehyde

R.T.: 6.145 min
Delta R.T.: -0.003 min
Response: 3843522
Conc: 2.07 ng/ml



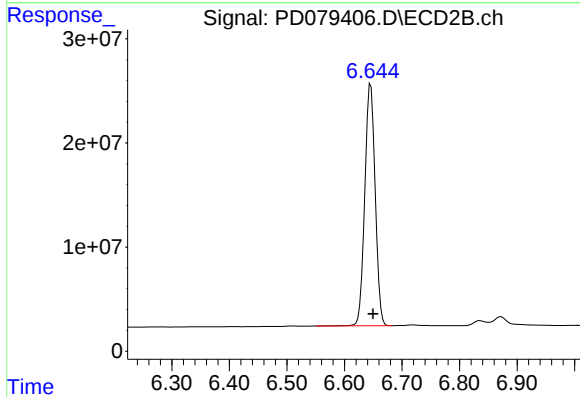
#20 Methoxychlor

R.T.: 7.533 min
Delta R.T.: -0.001 min
Response: 210917224
Conc: 192.48 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

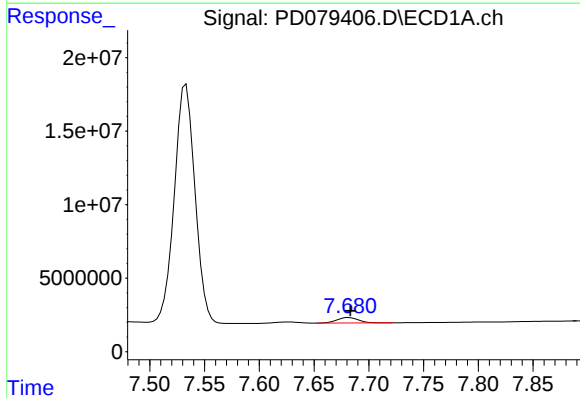
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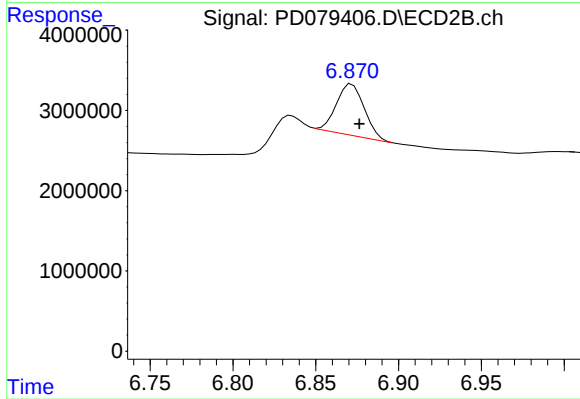
#20 Methoxychlor

R.T.: 6.646 min
Delta R.T.: -0.004 min
Response: 291334072
Conc: 214.59 ng/ml



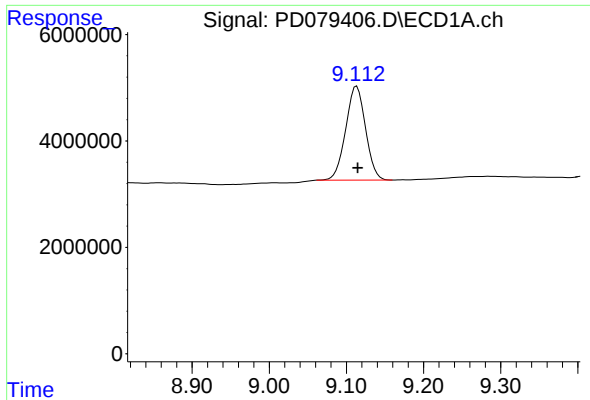
#21 Endrin ketone

R.T.: 7.682 min
Delta R.T.: -0.001 min
Response: 5032576
Conc: 2.31 ng/ml



#21 Endrin ketone

R.T.: 6.870 min
Delta R.T.: -0.006 min
Response: 7443403
Conc: 2.66 ng/ml m



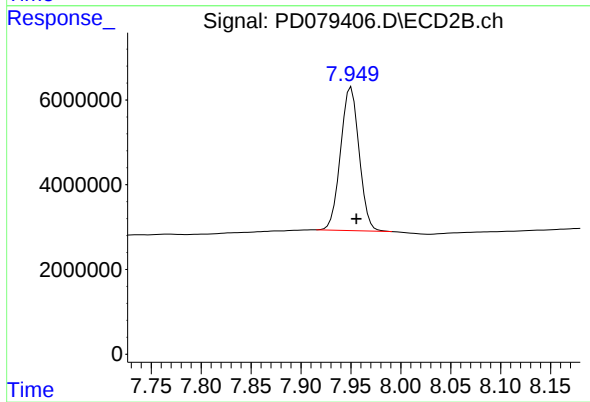
#28 Decachlorobiphenyl

R.T.: 9.113 min
Delta R.T.: -0.001 min
Response: 31516789
Conc: 15.71 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

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#28 Decachlorobiphenyl

R.T.: 7.949 min
Delta R.T.: -0.006 min
Response: 43829325
Conc: 17.98 ng/ml m