

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD102023\
 Data File : PD078987.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 19 Oct 2023 17:55
 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 04:46:13 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...	3.569	2.806	28822339	40719447	17.851	17.587
28)	SA Decachlor...	9.115	7.956	38177748	44469710	19.032	18.244
Target Compounds							
2)	A alpha-BHC	4.026	3.310	23524478	30279028	8.837	8.732
3)	MA gamma-BHC...	4.360	3.640	22773317	29193690	8.763	8.597
6)	B beta-BHC	4.552	3.935	10592752	13913298	9.885	9.874
12)	B 4,4'-DDE	6.229	5.272	349389	724456	0.165	0.272 #
14)	MA Endrin	6.614	5.676	80076996	109.4E6	41.116	42.765
16)	A 4,4'-DDD	6.746	5.825	825854	1357677	0.470	0.594 #
17)	MA 4,4'-DDT	7.060	6.076	166.0E6	214.0E6	87.634	93.495
18)	B Endrin al...	6.962	6.150	1995953	3721827	1.292	2.002 #
20)	A Methoxychlor	7.534	6.650	217.1E6	281.1E6	198.165	207.066m
21)	B Endrin ke...	7.683	6.875	5026844	6458048	2.306	2.310m

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

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Acq On : 19 Oct 2023 17:55
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Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

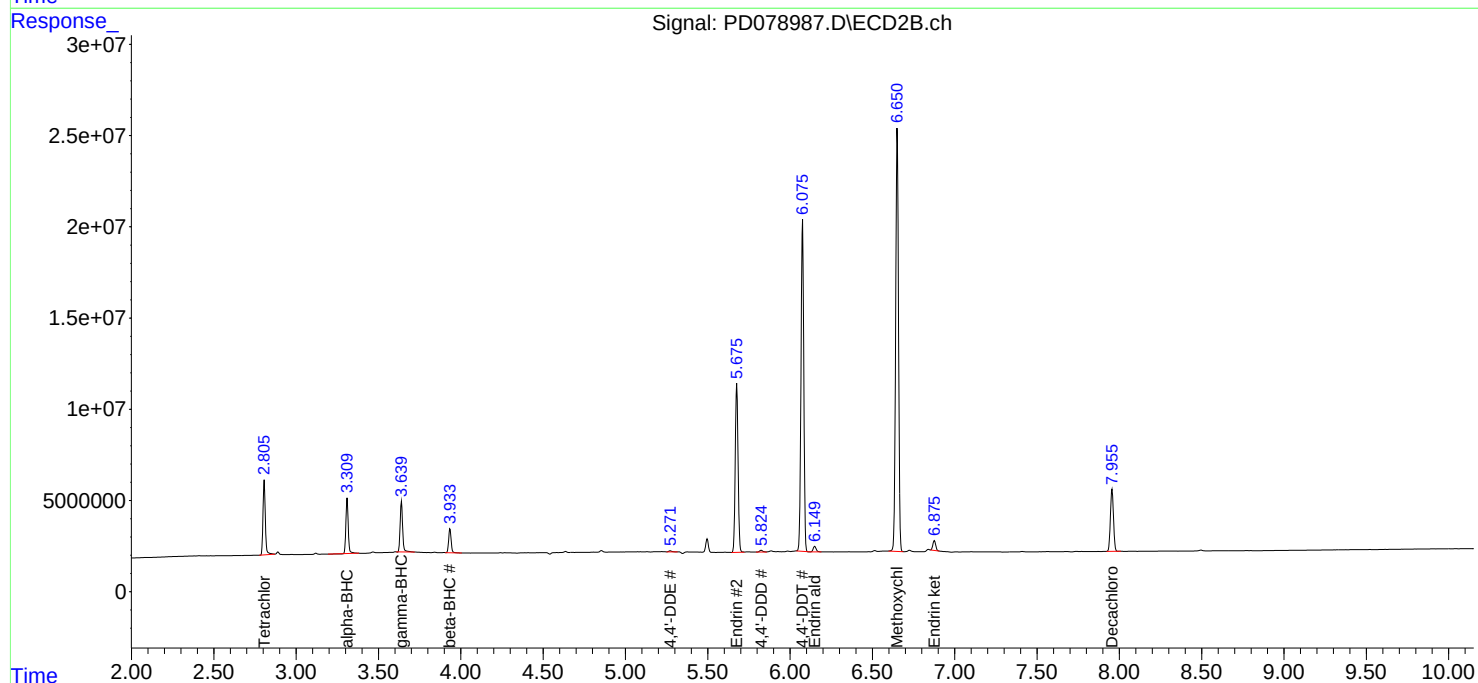
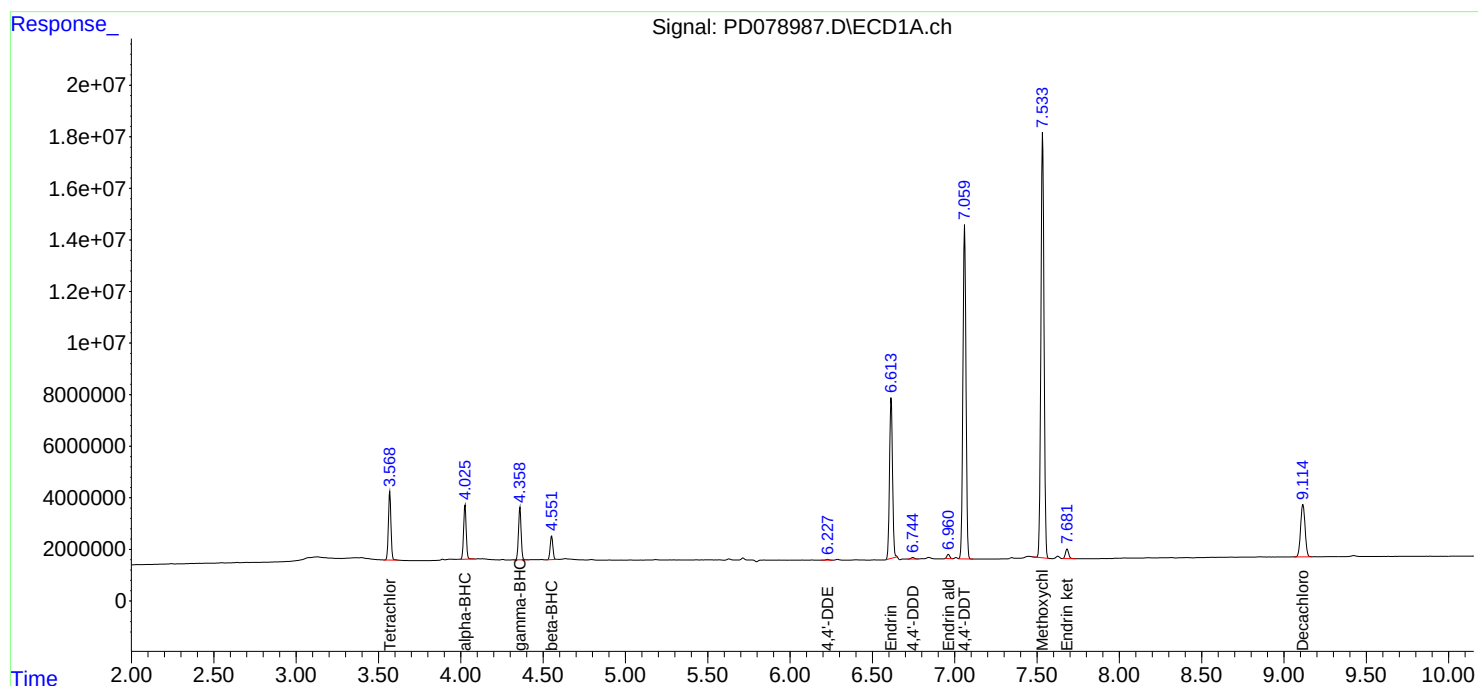
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PEM

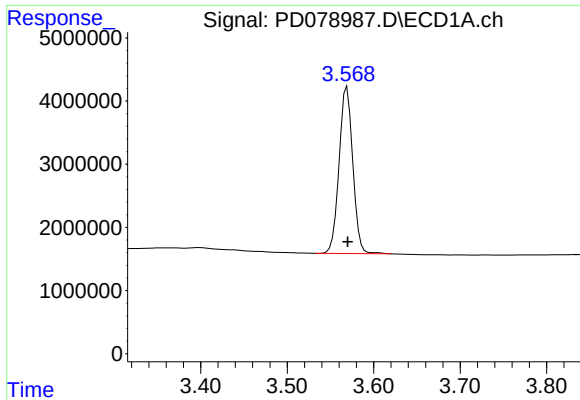
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Integration File signal 2: autoint2.e
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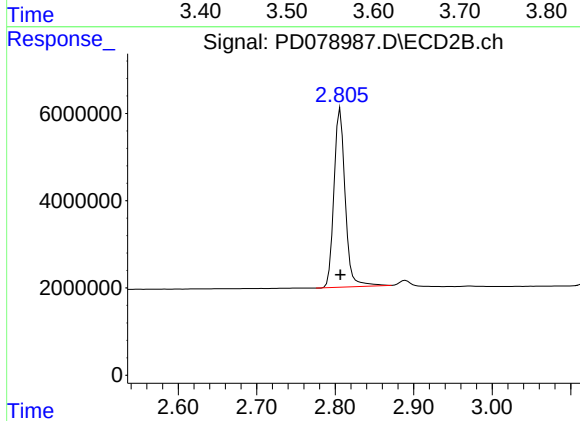
#1 Tetrachloro-m-xylene

R.T.: 3.569 min
Delta R.T.: 0.000 min
Response: 28822339
Conc: 17.85 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

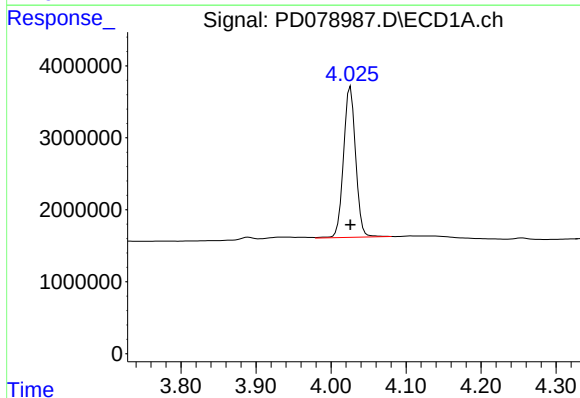
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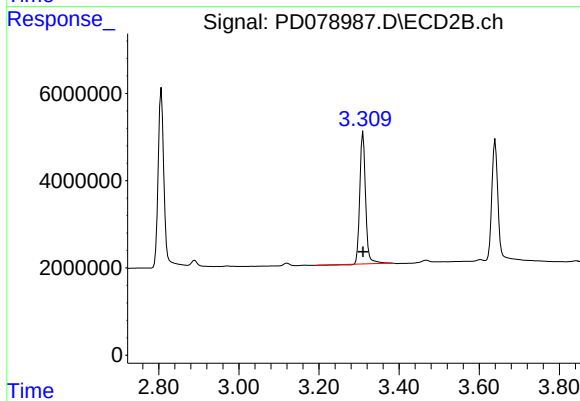
#1 Tetrachloro-m-xylene

R.T.: 2.806 min
Delta R.T.: 0.000 min
Response: 40719447
Conc: 17.59 ng/ml



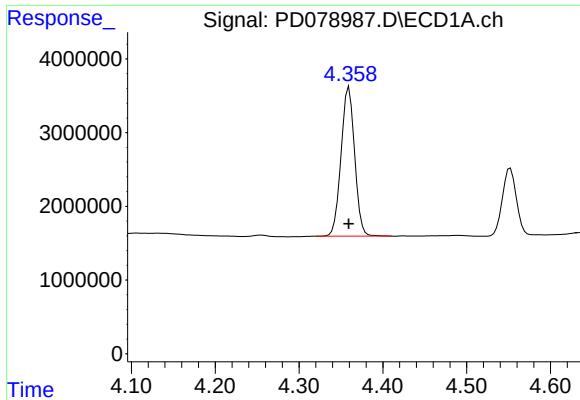
#2 alpha-BHC

R.T.: 4.026 min
Delta R.T.: 0.000 min
Response: 23524478
Conc: 8.84 ng/ml



#2 alpha-BHC

R.T.: 3.310 min
Delta R.T.: 0.000 min
Response: 30279028
Conc: 8.73 ng/ml



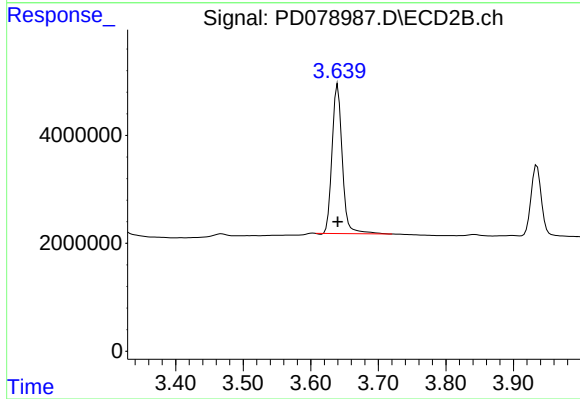
#3 gamma-BHC (Lindane)

R.T.: 4.360 min
Delta R.T.: 0.000 min
Response: 22773317
Conc: 8.76 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

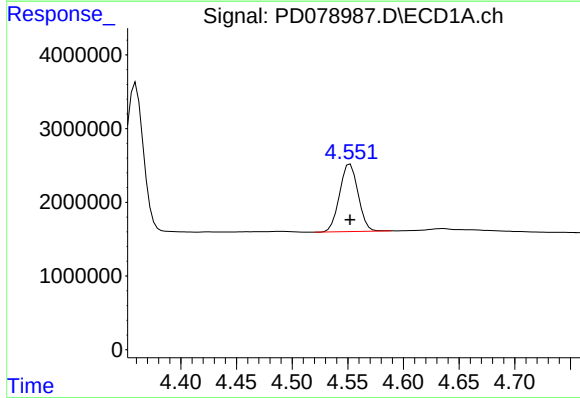
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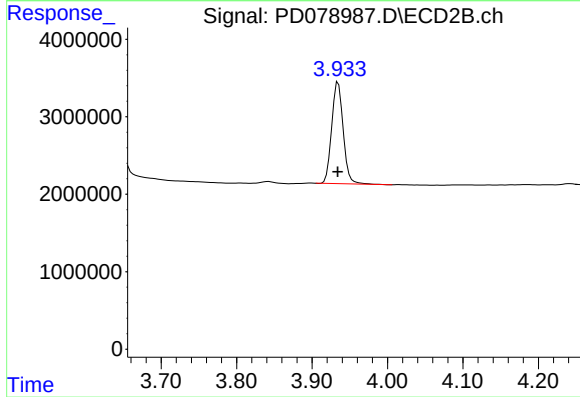
#3 gamma-BHC (Lindane)

R.T.: 3.640 min
Delta R.T.: 0.000 min
Response: 29193690
Conc: 8.60 ng/ml



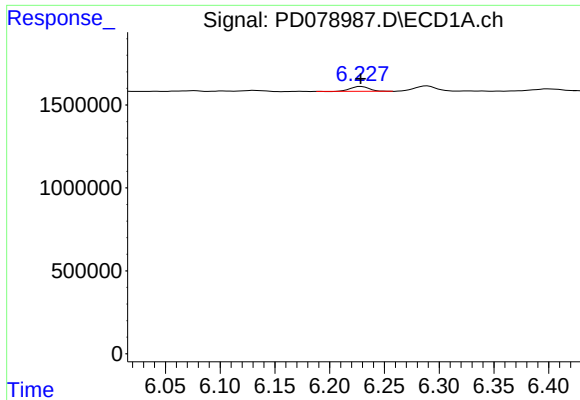
#6 beta-BHC

R.T.: 4.552 min
Delta R.T.: 0.000 min
Response: 10592752
Conc: 9.89 ng/ml



#6 beta-BHC

R.T.: 3.935 min
Delta R.T.: 0.000 min
Response: 13913298
Conc: 9.87 ng/ml



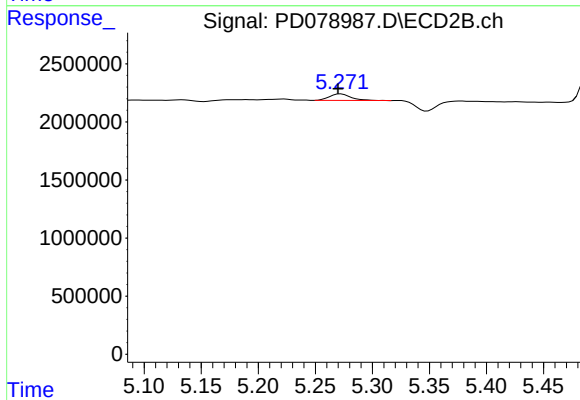
#12 4,4'-DDE

R.T.: 6.229 min
Delta R.T.: 0.000 min
Response: 349389
Conc: 0.17 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

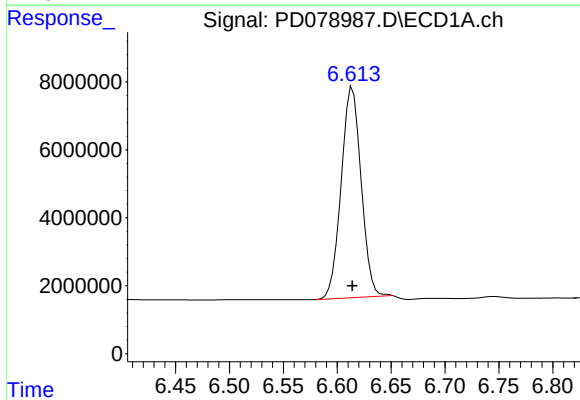
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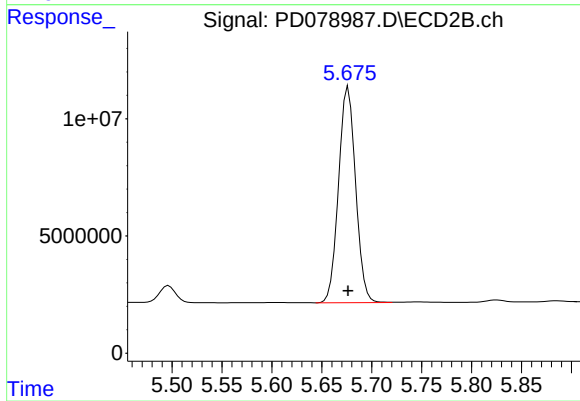
#12 4,4'-DDE

R.T.: 5.272 min
Delta R.T.: 0.003 min
Response: 724456
Conc: 0.27 ng/ml



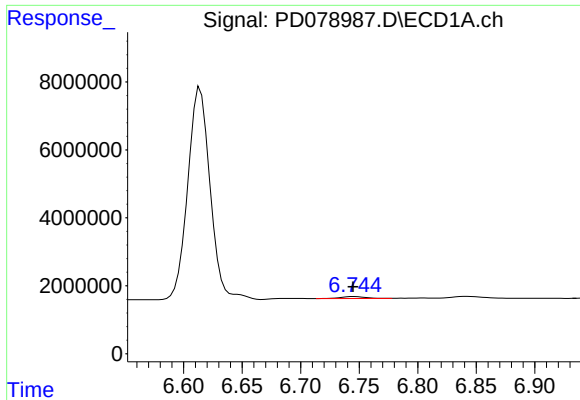
#14 Endrin

R.T.: 6.614 min
Delta R.T.: 0.000 min
Response: 80076996
Conc: 41.12 ng/ml



#14 Endrin

R.T.: 5.676 min
Delta R.T.: 0.000 min
Response: 109440495
Conc: 42.76 ng/ml



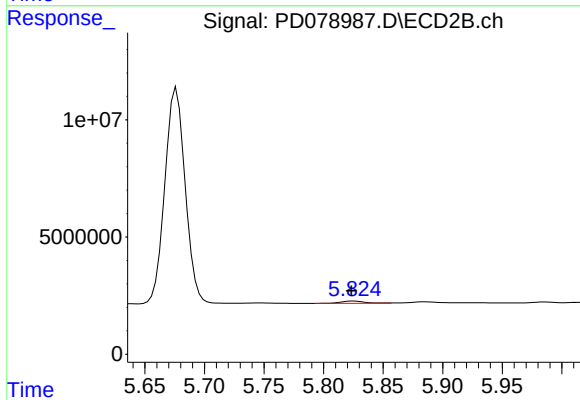
#16 4,4'-DDD

R.T.: 6.746 min
Delta R.T.: 0.000 min
Response: 825854
Conc: 0.47 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

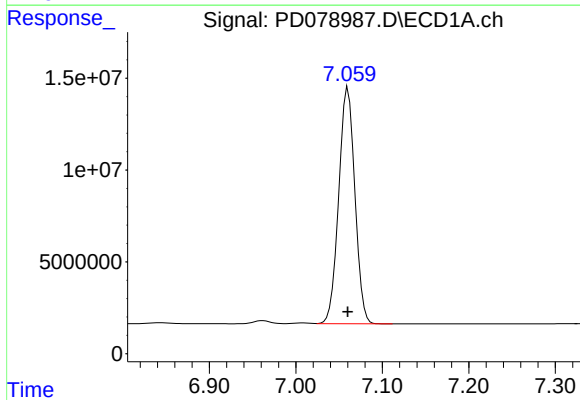
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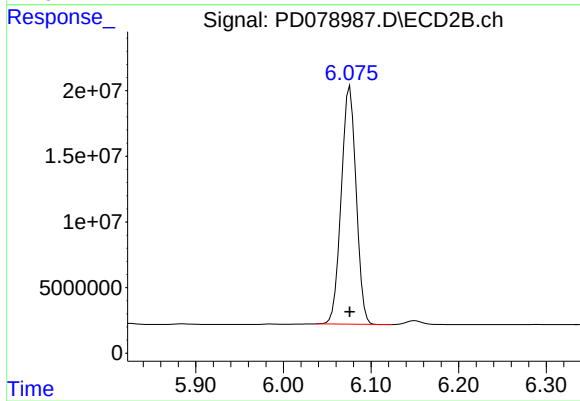
#16 4,4'-DDD

R.T.: 5.825 min
Delta R.T.: 0.002 min
Response: 1357677
Conc: 0.59 ng/ml



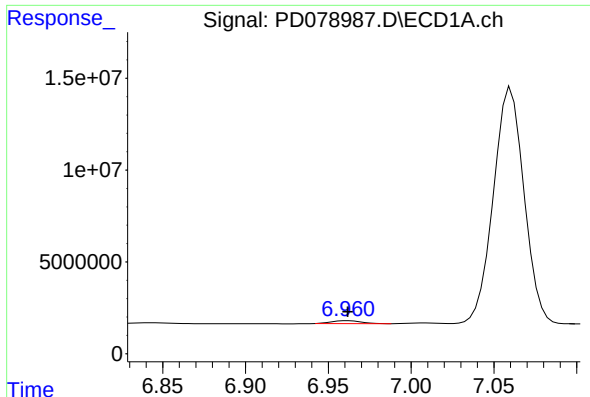
#17 4,4'-DDT

R.T.: 7.060 min
Delta R.T.: 0.000 min
Response: 165950716
Conc: 87.63 ng/ml



#17 4,4'-DDT

R.T.: 6.076 min
Delta R.T.: 0.000 min
Response: 214045120
Conc: 93.49 ng/ml



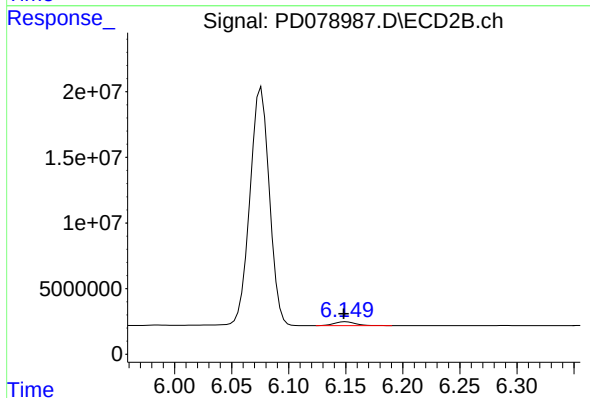
#18 Endrin aldehyde

R.T.: 6.962 min
Delta R.T.: 0.000 min
Response: 1995953
Conc: 1.29 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

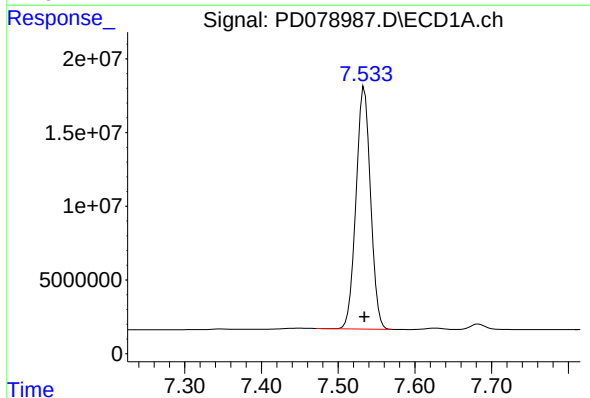
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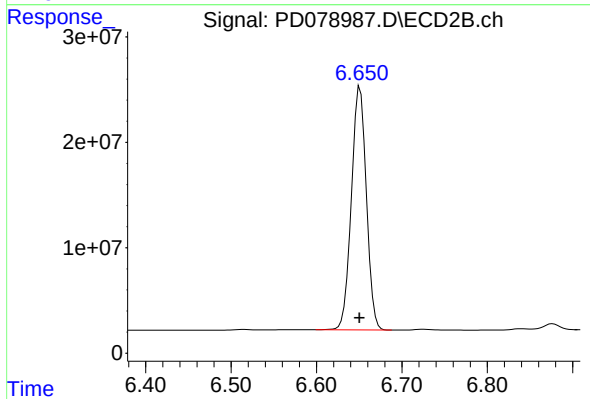
#18 Endrin aldehyde

R.T.: 6.150 min
Delta R.T.: 0.002 min
Response: 3721827
Conc: 2.00 ng/ml



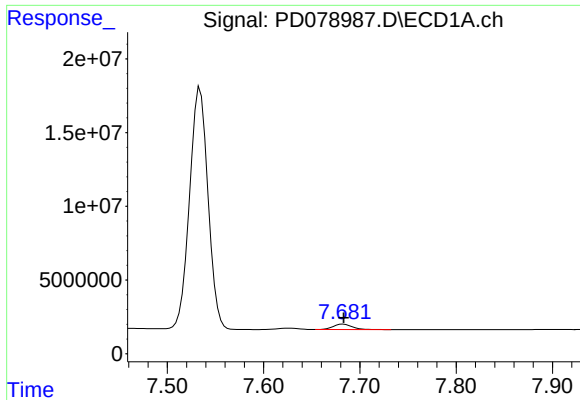
#20 Methoxychlor

R.T.: 7.534 min
Delta R.T.: 0.000 min
Response: 217144205
Conc: 198.16 ng/ml



#20 Methoxychlor

R.T.: 6.650 min
Delta R.T.: 0.000 min
Response: 281119181
Conc: 207.07 ng/ml m



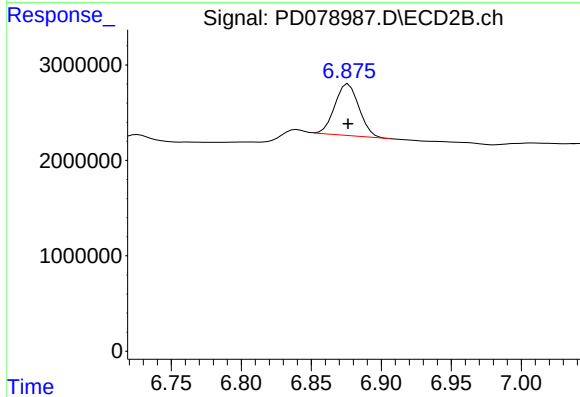
#21 Endrin ketone

R.T.: 7.683 min
Delta R.T.: 0.000 min
Response: 5026844
Conc: 2.31 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

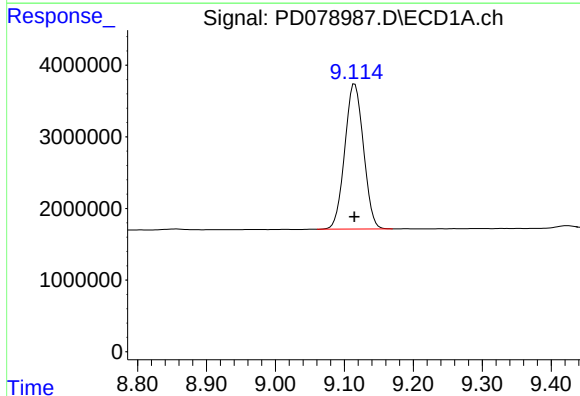
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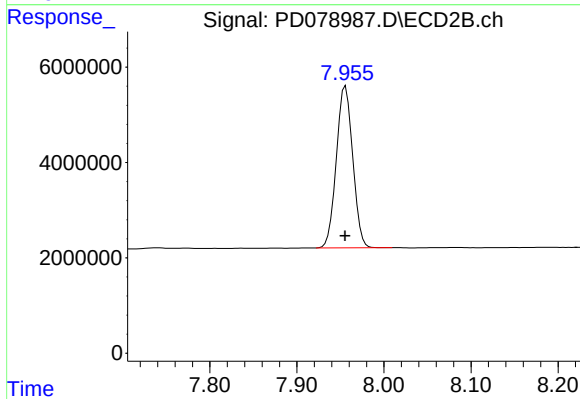
#21 Endrin ketone

R.T.: 6.875 min
Delta R.T.: -0.001 min
Response: 6458048
Conc: 2.31 ng/ml m



#28 Decachlorobiphenyl

R.T.: 9.115 min
Delta R.T.: 0.000 min
Response: 38177748
Conc: 19.03 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.956 min
Delta R.T.: 0.000 min
Response: 44469710
Conc: 18.24 ng/ml