

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD080323\
 Data File : PD076982.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 03 Aug 2023 10:52
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 08/04/2023
 Supervised By :Ankita Jodhani 08/04/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 03 17:52:41 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD080323.M
 Quant Title : GC Extractables
 QLast Update : Thu Aug 03 14:17:41 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...	3.543	2.762	43708942	26204679	18.470	19.238
28)	SA Decachlor...	9.085	7.903	51728995	26755936	18.878	18.696
Target Compounds							
2)	A alpha-BHC	3.999	3.264	33991191	17908425	8.853	9.258
3)	MA gamma-BHC...	4.333	3.593	32607161	16372400	8.859	8.801
6)	B beta-BHC	4.530	3.891	15180211	8278862	10.088	10.852
12)	B 4,4'-DDE	6.204	5.221	708028	867785	0.239	0.598 #
14)	MA Endrin	6.588	5.625	122.4E6	65834883	44.057	44.993
16)	A 4,4'-DDD	6.723	5.775	466255	578372	0.198m	0.520m#
17)	MA 4,4'-DDT	7.037	6.025	244.7E6	119.7E6	100.648	107.700
18)	B Endrin al...	6.937	6.100	2302333	2537486	1.054	2.229m#
20)	A Methoxychlor	7.512	6.600	331.7E6	142.9E6	234.090	238.909
21)	B Endrin ke...	7.657	6.828	5438428	3304782	1.806m	2.084m

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

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Acq On : 03 Aug 2023 10:52
Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

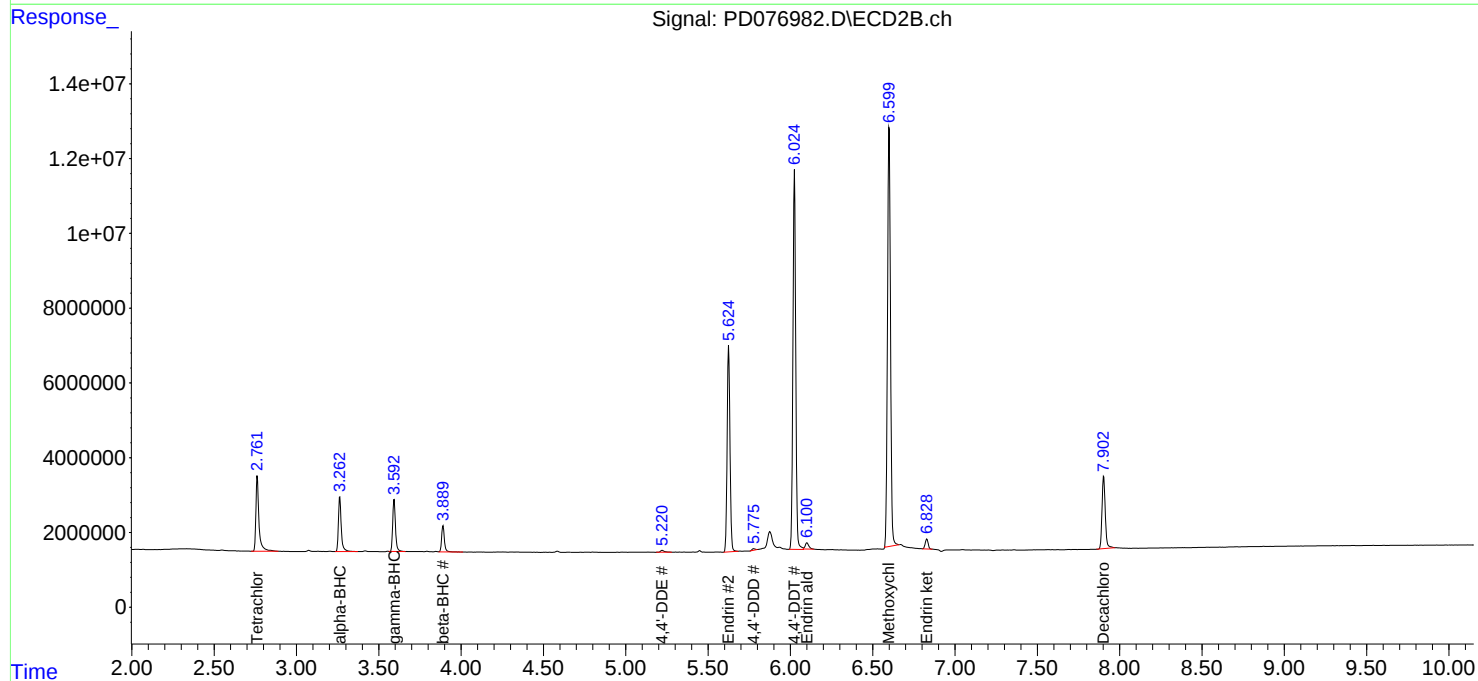
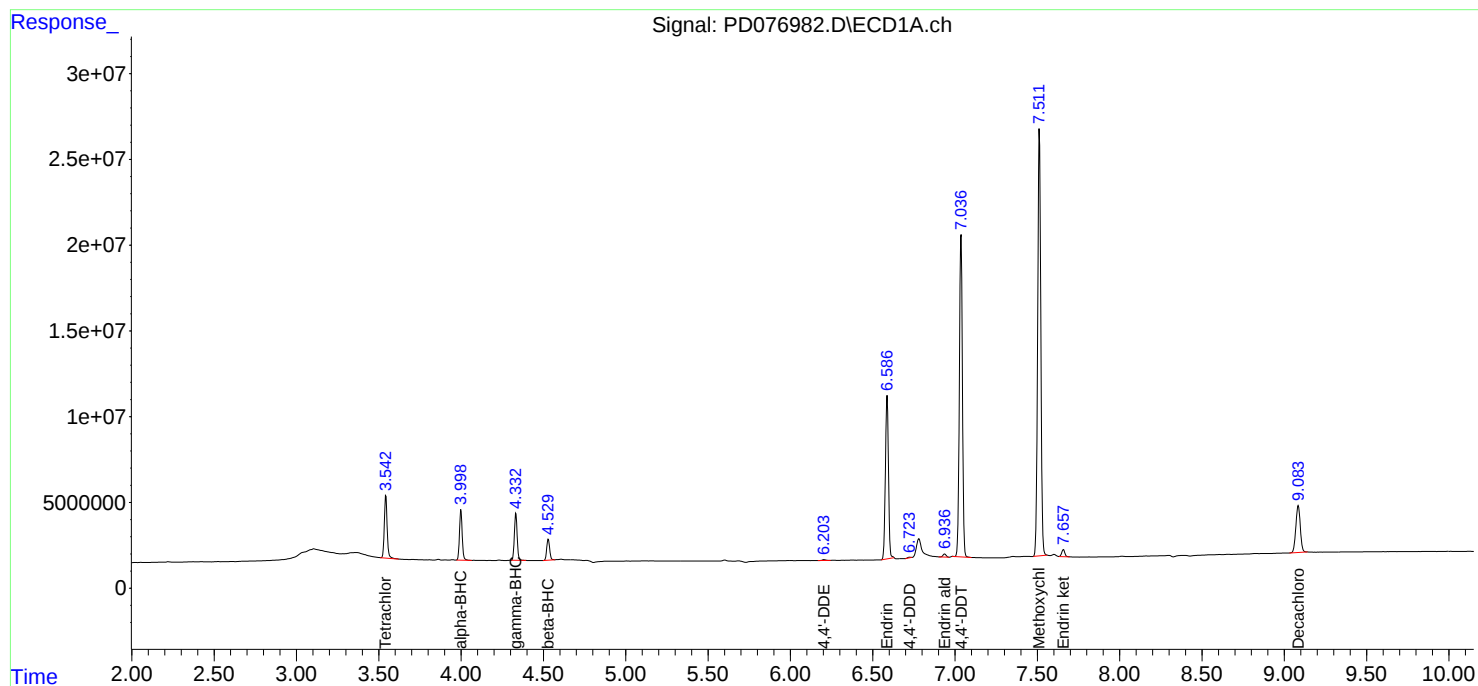
Instrument :
ECD_D
ClientSampleId :
PEM

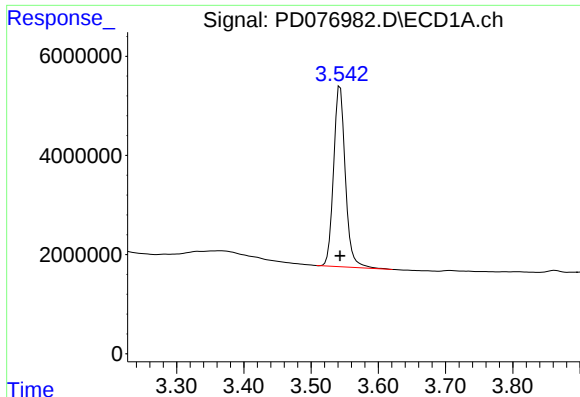
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Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD080323.M
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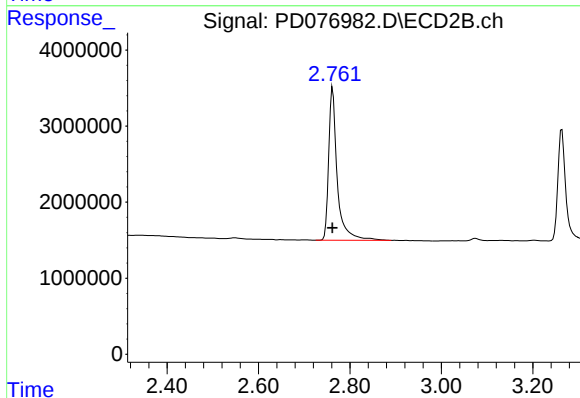
#1 Tetrachloro-m-xylene

R.T.: 3.543 min
Delta R.T.: 0.000 min
Response: 43708942
Conc: 18.47 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

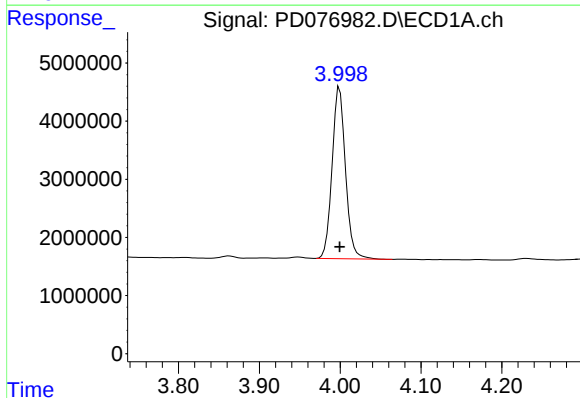
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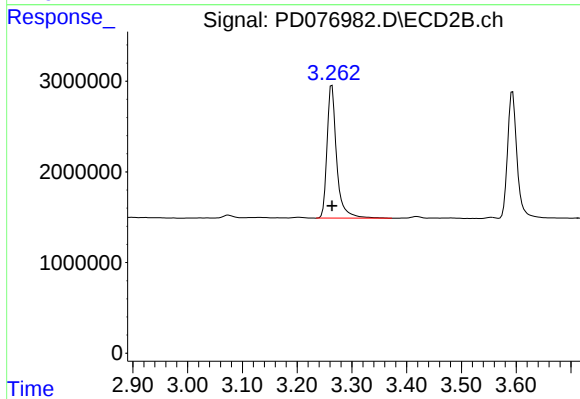
#1 Tetrachloro-m-xylene

R.T.: 2.762 min
Delta R.T.: 0.000 min
Response: 26204679
Conc: 19.24 ng/ml



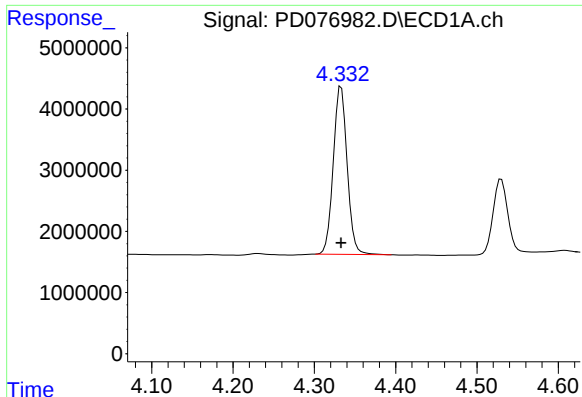
#2 alpha-BHC

R.T.: 3.999 min
Delta R.T.: 0.000 min
Response: 33991191
Conc: 8.85 ng/ml



#2 alpha-BHC

R.T.: 3.264 min
Delta R.T.: 0.000 min
Response: 17908425
Conc: 9.26 ng/ml



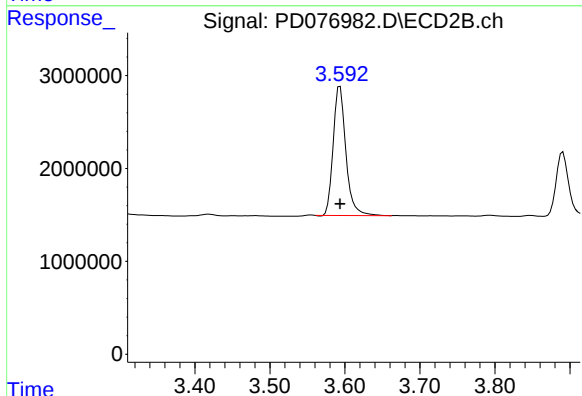
#3 gamma-BHC (Lindane)

R.T.: 4.333 min
Delta R.T.: 0.000 min
Response: 32607161
Conc: 8.86 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

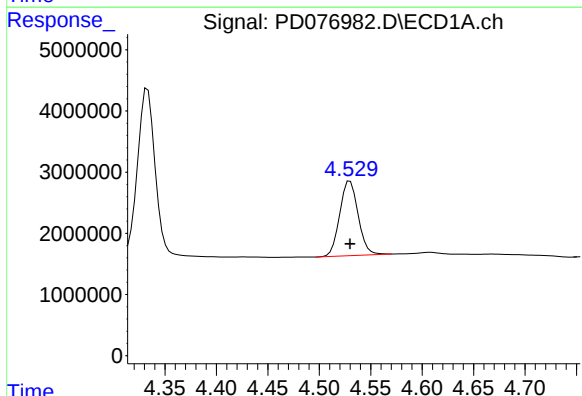
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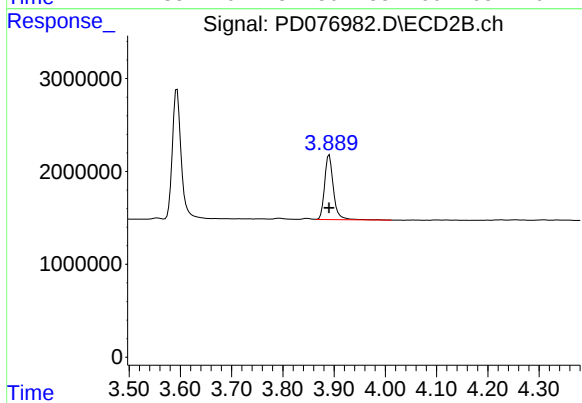
#3 gamma-BHC (Lindane)

R.T.: 3.593 min
Delta R.T.: 0.000 min
Response: 16372400
Conc: 8.80 ng/ml



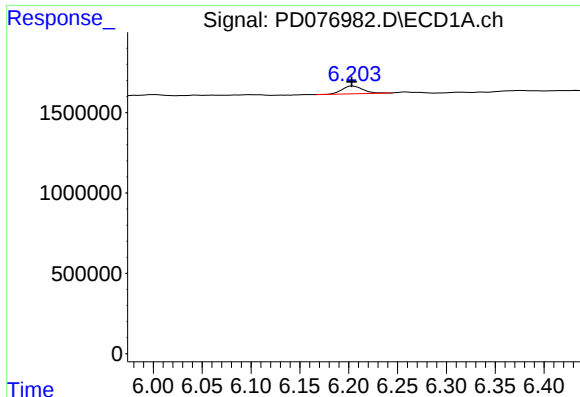
#6 beta-BHC

R.T.: 4.530 min
Delta R.T.: 0.000 min
Response: 15180211
Conc: 10.09 ng/ml



#6 beta-BHC

R.T.: 3.891 min
Delta R.T.: 0.000 min
Response: 8278862
Conc: 10.85 ng/ml



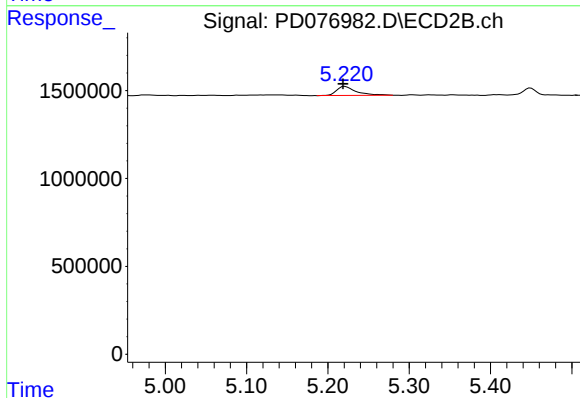
#12 4,4'-DDE

R.T.: 6.204 min
Delta R.T.: 0.001 min
Response: 708028
Conc: 0.24 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

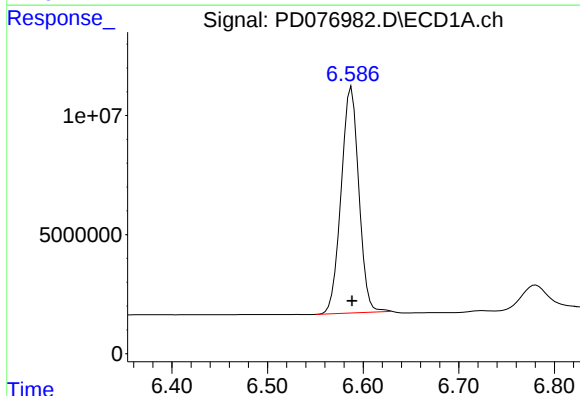
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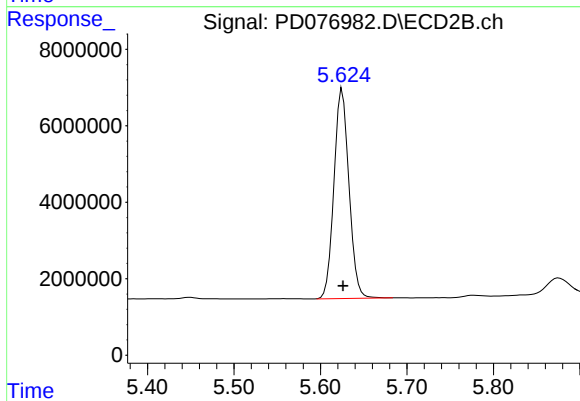
#12 4,4'-DDE

R.T.: 5.221 min
Delta R.T.: 0.002 min
Response: 867785
Conc: 0.60 ng/ml



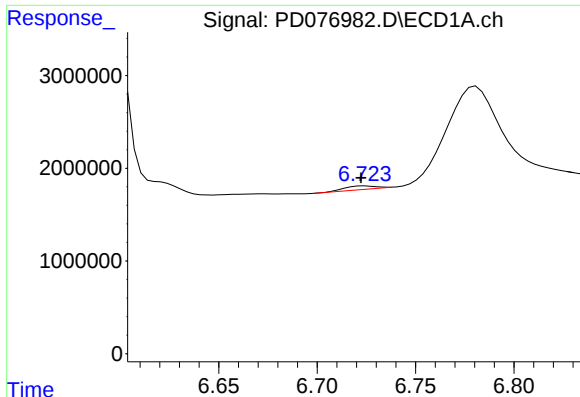
#14 Endrin

R.T.: 6.588 min
Delta R.T.: 0.000 min
Response: 122419786
Conc: 44.06 ng/ml



#14 Endrin

R.T.: 5.625 min
Delta R.T.: 0.000 min
Response: 65834883
Conc: 44.99 ng/ml



#16 4,4'-DDD

R.T.: 6.723 min
Delta R.T.: 0.000 min
Response: 466255
Conc: 0.20 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

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#16 4,4'-DDD

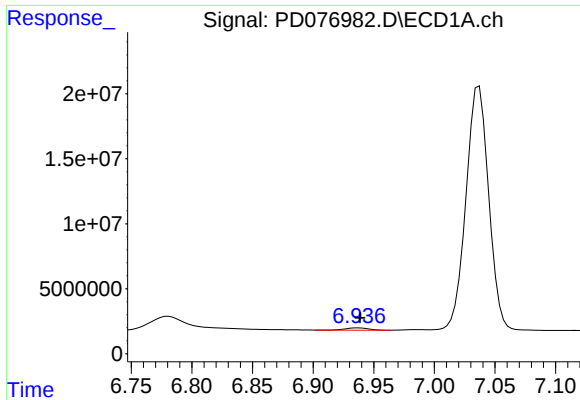
R.T.: 5.775 min
Delta R.T.: 0.002 min
Response: 578372
Conc: 0.52 ng/ml m

#17 4,4'-DDT

R.T.: 7.037 min
Delta R.T.: 0.000 min
Response: 244738275
Conc: 100.65 ng/ml

#17 4,4'-DDT

R.T.: 6.025 min
Delta R.T.: 0.000 min
Response: 119717203
Conc: 107.70 ng/ml



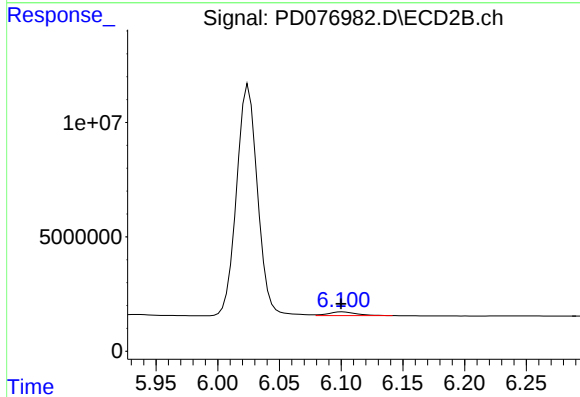
#18 Endrin aldehyde

R.T.: 6.937 min
Delta R.T.: -0.002 min
Response: 2302333
Conc: 1.05 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

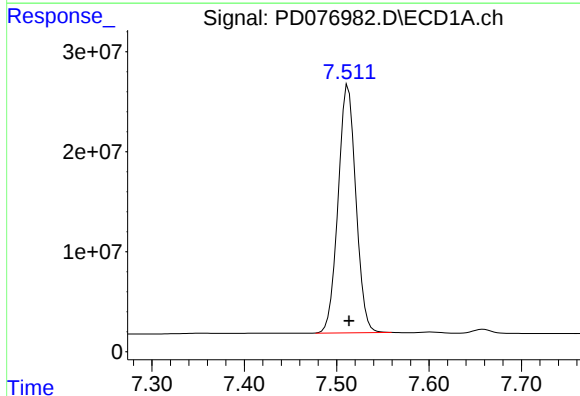
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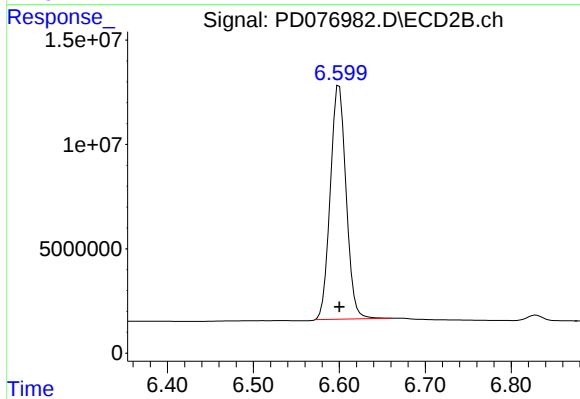
#18 Endrin aldehyde

R.T.: 6.100 min
Delta R.T.: 0.000 min
Response: 2537486
Conc: 2.23 ng/ml m



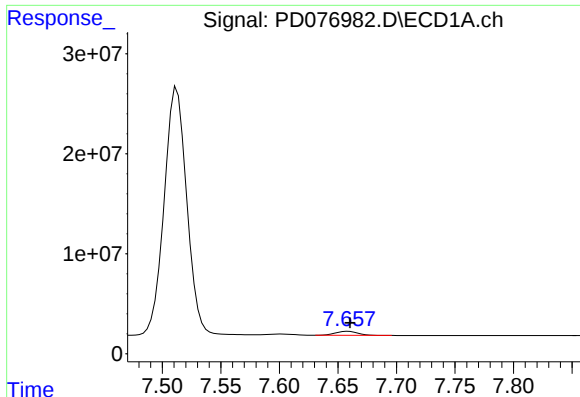
#20 Methoxychlor

R.T.: 7.512 min
Delta R.T.: 0.000 min
Response: 331675379
Conc: 234.09 ng/ml



#20 Methoxychlor

R.T.: 6.600 min
Delta R.T.: 0.000 min
Response: 142853124
Conc: 238.91 ng/ml



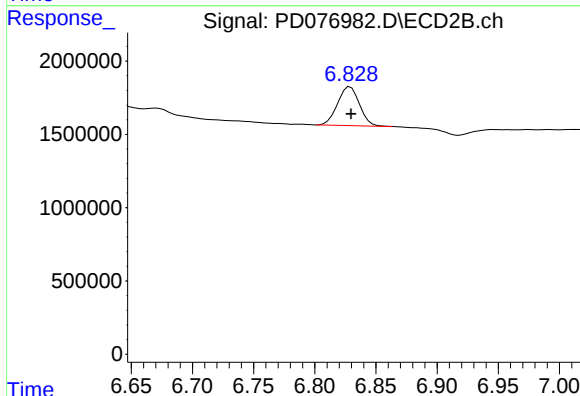
#21 Endrin ketone

R.T.: 7.657 min
Delta R.T.: -0.003 min
Response: 5438428
Conc: 1.81 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

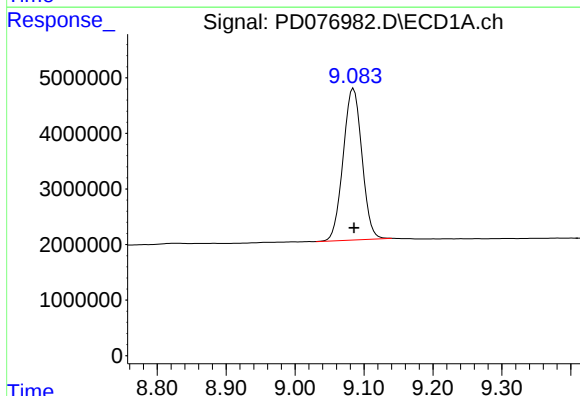
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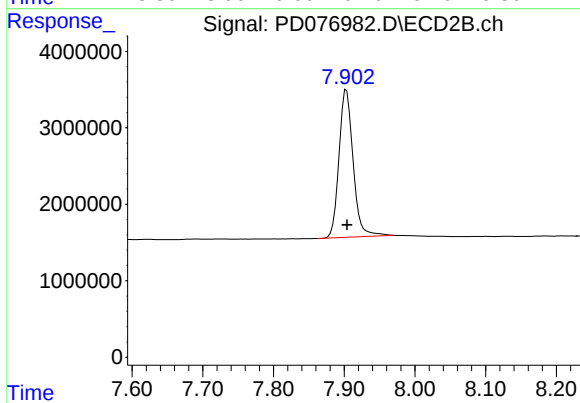
#21 Endrin ketone

R.T.: 6.828 min
Delta R.T.: -0.002 min
Response: 3304782
Conc: 2.08 ng/ml m



#28 Decachlorobiphenyl

R.T.: 9.085 min
Delta R.T.: 0.000 min
Response: 51728995
Conc: 18.88 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.903 min
Delta R.T.: 0.000 min
Response: 26755936
Conc: 18.70 ng/ml