

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD070423\
 Data File : PD076323.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 04 Jul 2023 16:42
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 07/05/2023
 Supervised By : Ankita Jodhani 07/05/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 05 01:33:03 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD070423.M
 Quant Title : GC Extractables
 QLast Update : Wed Jul 05 01:27:04 2023
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 2 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...	3.545	2.765	42893198	20980340	13.092	13.207
28)	SA Decachlor...	9.084	7.907	50168581	17860122	14.110	14.191
Target Compounds							
2)	A alpha-BHC	4.001	3.267	33925558	14600201	5.857	6.060
3)	MA gamma-BHC...	4.334	3.597	32689881	13774196	6.244	6.187
6)	B beta-BHC	4.530	3.894	14675932	6594903	7.002	7.416
14)	MA Endrin	6.588	5.630	123.0E6	53858523	30.885	30.513
16)	A 4,4'-DDD	6.722	5.778	1766079	698079	0.526	0.578
17)	MA 4,4'-DDT	7.037	6.028	244.2E6	87856921	69.464	72.592
18)	B Endrin al...	6.936	6.104	2860808	2510781	1.044m	2.197 #
20)	A Methoxychlor	7.513	6.604	330.4E6	112.7E6	172.844	176.516
21)	B Endrin ke...	7.657	6.832	6404584	3069271	1.534m	1.756

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

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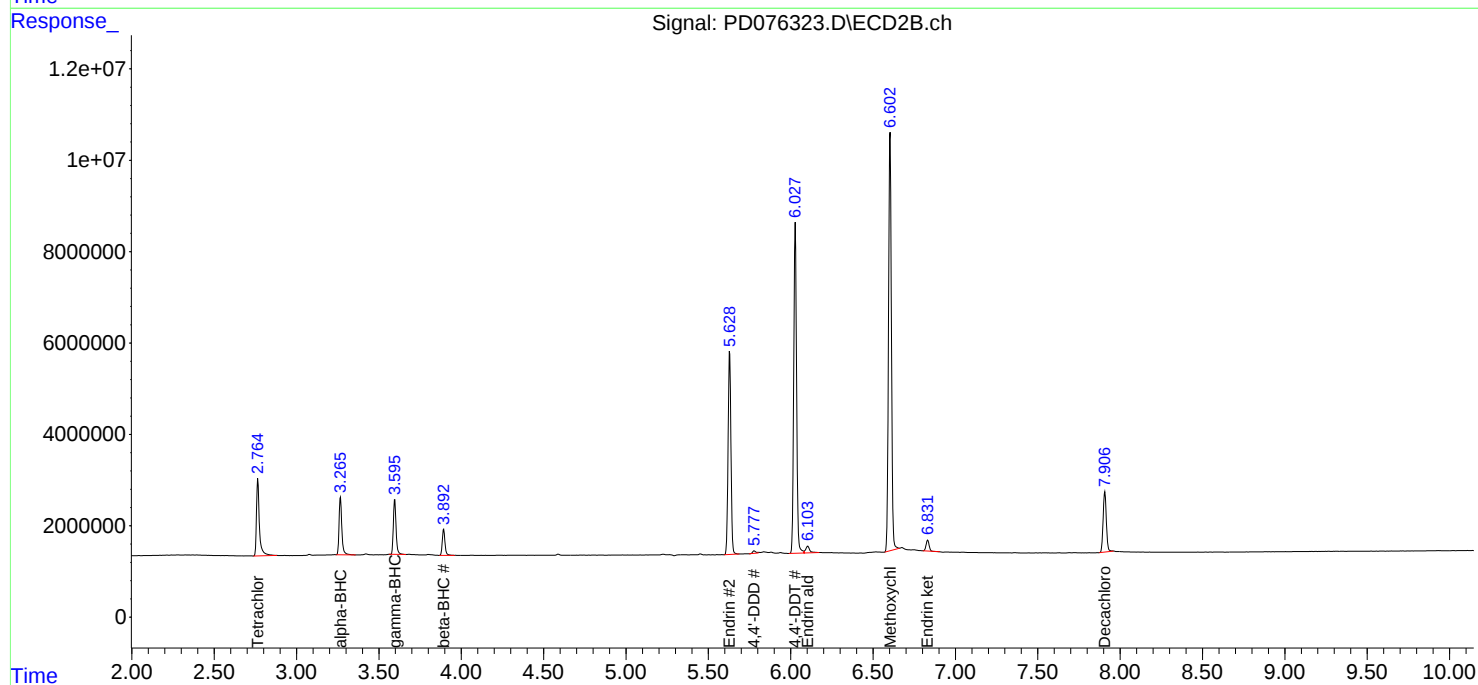
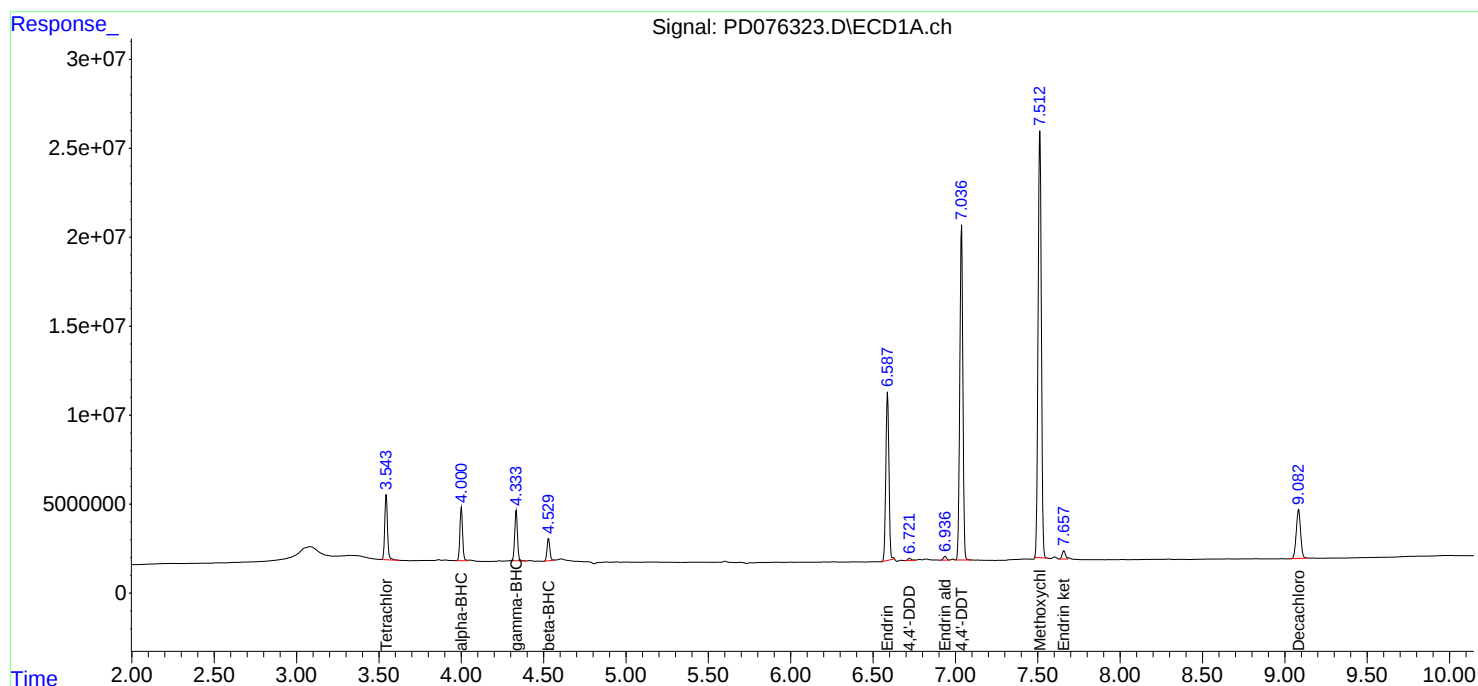
Instrument :
ECD_D
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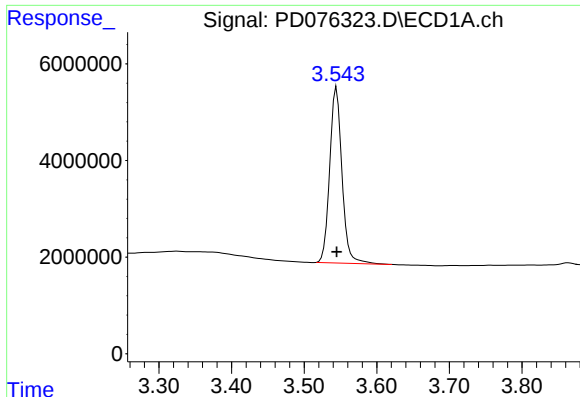
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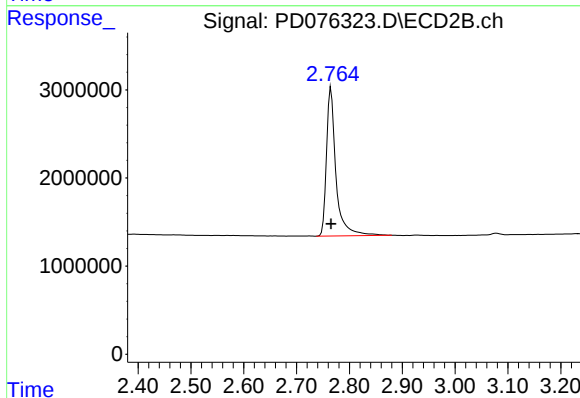
#1 Tetrachloro-m-xylene

R.T.: 3.545 min
Delta R.T.: 0.000 min
Response: 42893198
Conc: 13.09 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

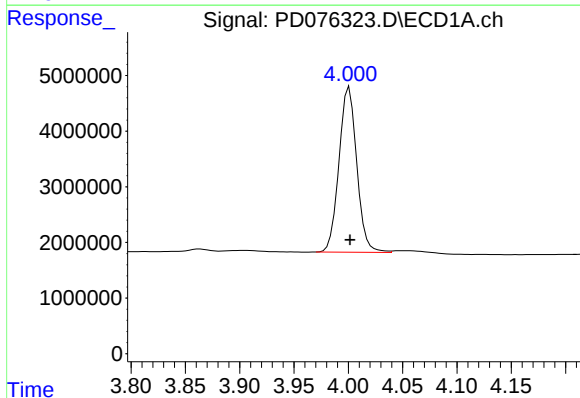
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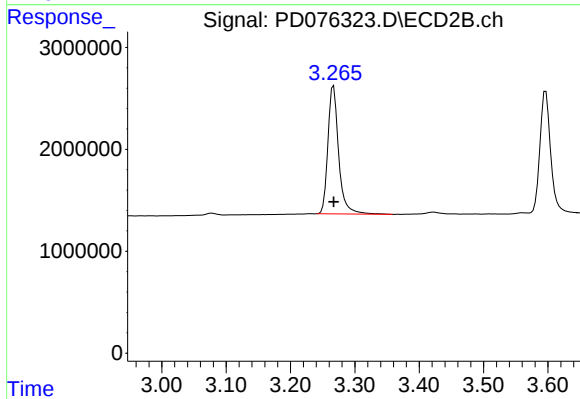
#1 Tetrachloro-m-xylene

R.T.: 2.765 min
Delta R.T.: 0.000 min
Response: 20980340
Conc: 13.21 ng/ml



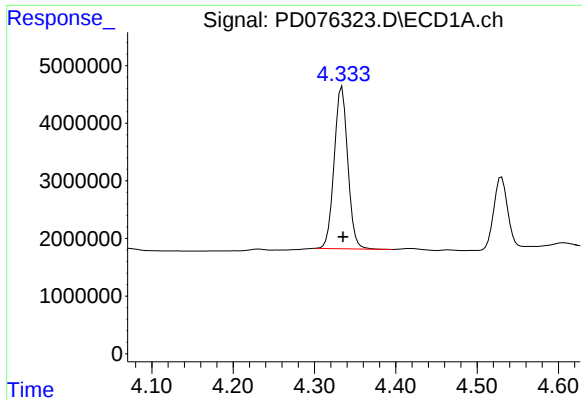
#2 alpha-BHC

R.T.: 4.001 min
Delta R.T.: 0.000 min
Response: 33925558
Conc: 5.86 ng/ml



#2 alpha-BHC

R.T.: 3.267 min
Delta R.T.: 0.000 min
Response: 14600201
Conc: 6.06 ng/ml



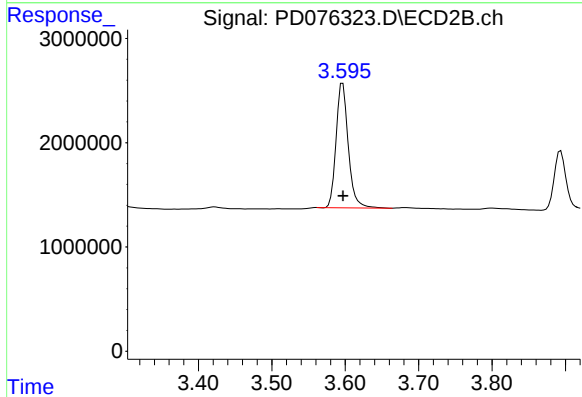
#3 gamma-BHC (Lindane)

R.T.: 4.334 min
Delta R.T.: -0.001 min
Response: 32689881
Conc: 6.24 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

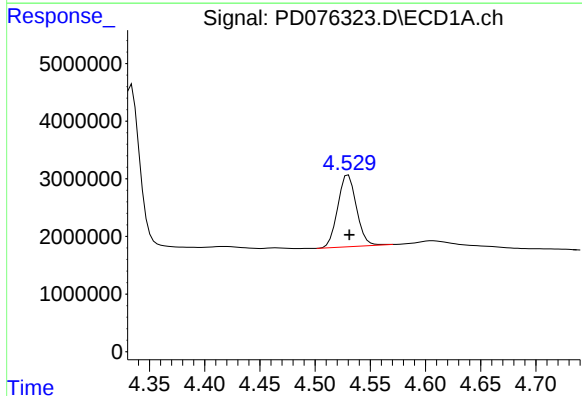
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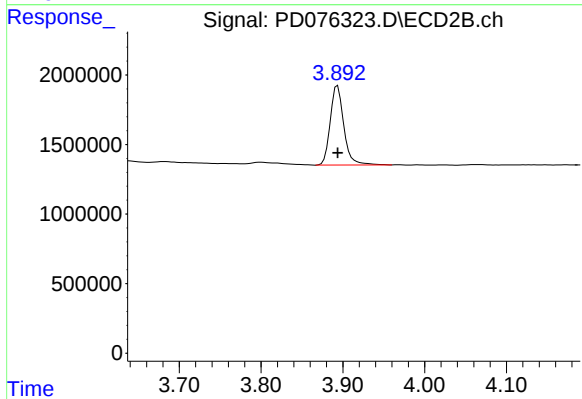
#3 gamma-BHC (Lindane)

R.T.: 3.597 min
Delta R.T.: 0.000 min
Response: 13774196
Conc: 6.19 ng/ml



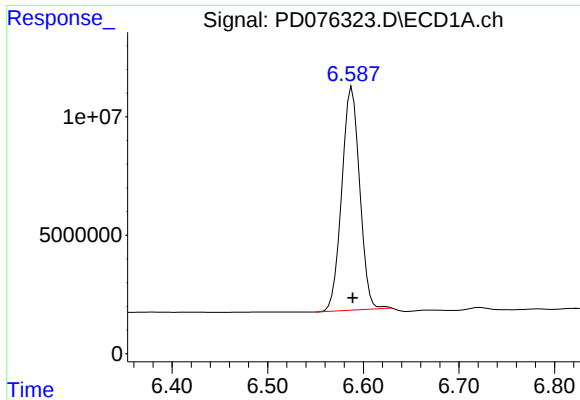
#6 beta-BHC

R.T.: 4.530 min
Delta R.T.: -0.001 min
Response: 14675932
Conc: 7.00 ng/ml



#6 beta-BHC

R.T.: 3.894 min
Delta R.T.: 0.000 min
Response: 6594903
Conc: 7.42 ng/ml



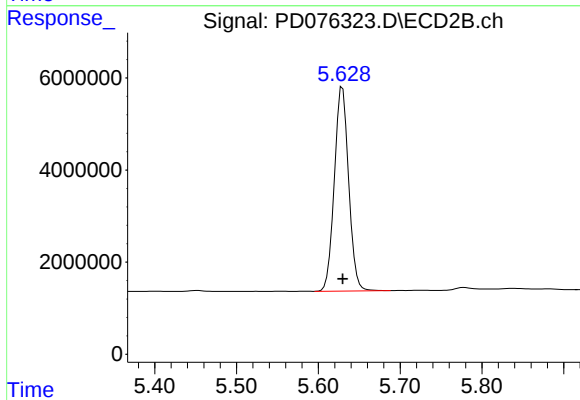
#14 Endrin

R.T.: 6.588 min
Delta R.T.: 0.000 min
Response: 122965066
Conc: 30.89 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

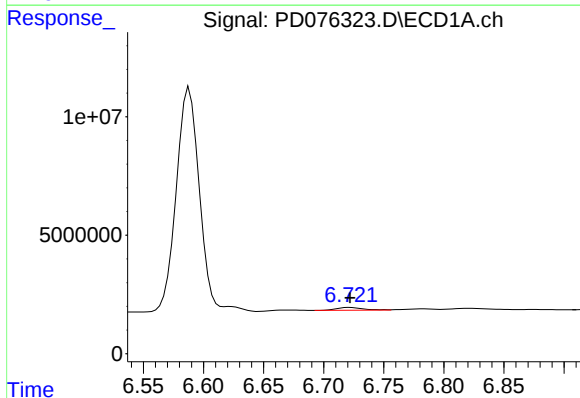
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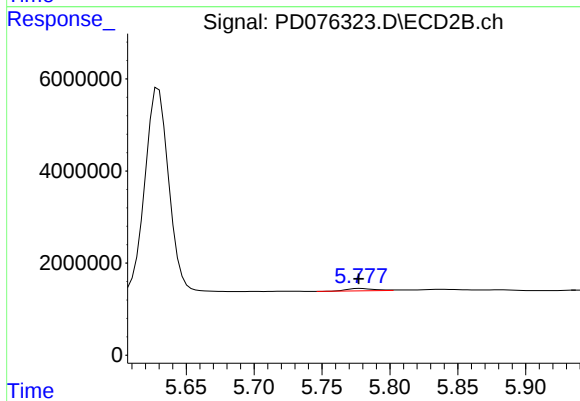
#14 Endrin

R.T.: 5.630 min
Delta R.T.: 0.000 min
Response: 53858523
Conc: 30.51 ng/ml



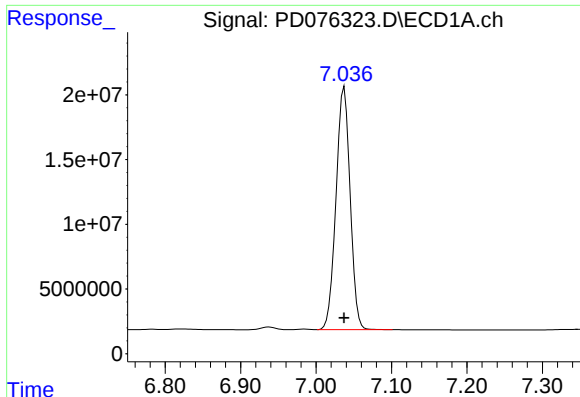
#16 4,4'-DDD

R.T.: 6.722 min
Delta R.T.: 0.000 min
Response: 1766079
Conc: 0.53 ng/ml



#16 4,4'-DDD

R.T.: 5.778 min
Delta R.T.: 0.001 min
Response: 698079
Conc: 0.58 ng/ml



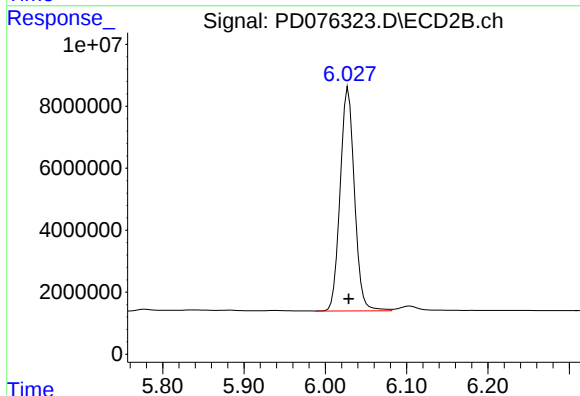
#17 4,4'-DDT

R.T.: 7.037 min
Delta R.T.: 0.000 min
Response: 244233641
Conc: 69.46 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

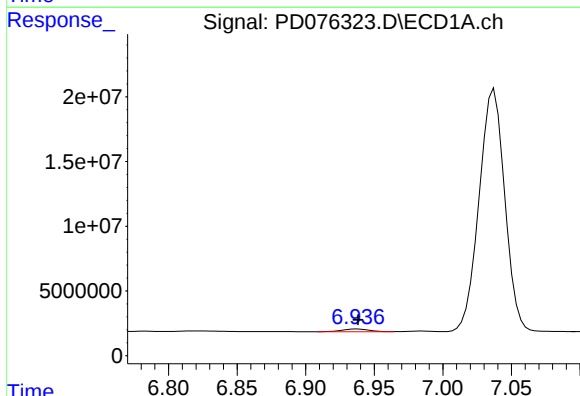
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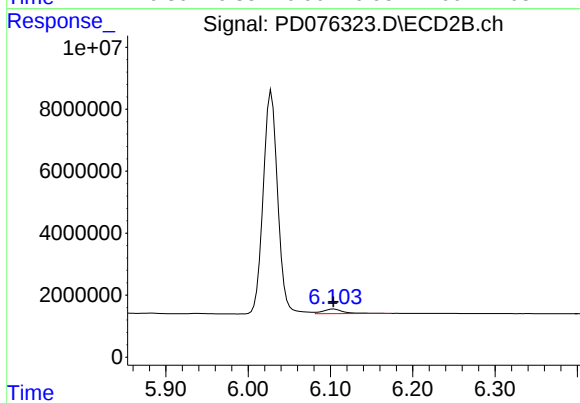
#17 4,4'-DDT

R.T.: 6.028 min
Delta R.T.: 0.000 min
Response: 87856921
Conc: 72.59 ng/ml



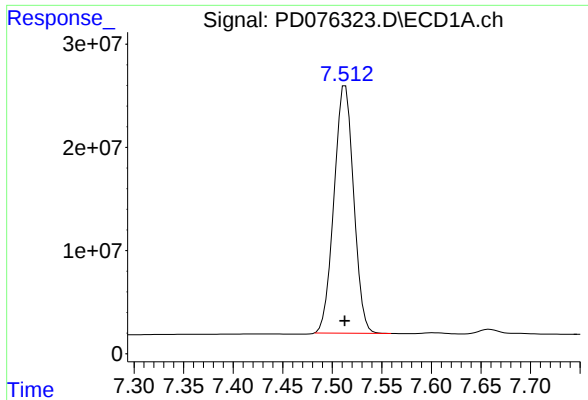
#18 Endrin aldehyde

R.T.: 6.936 min
Delta R.T.: -0.002 min
Response: 2860808
Conc: 1.04 ng/ml m



#18 Endrin aldehyde

R.T.: 6.104 min
Delta R.T.: 0.000 min
Response: 2510781
Conc: 2.20 ng/ml



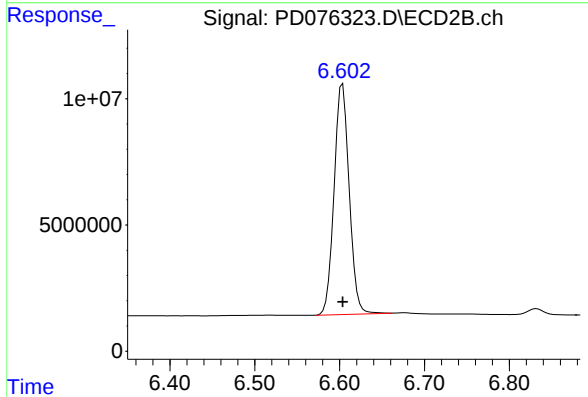
#20 Methoxychlor

R.T.: 7.513 min
Delta R.T.: 0.000 min
Response: 330351115
Conc: 172.84 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

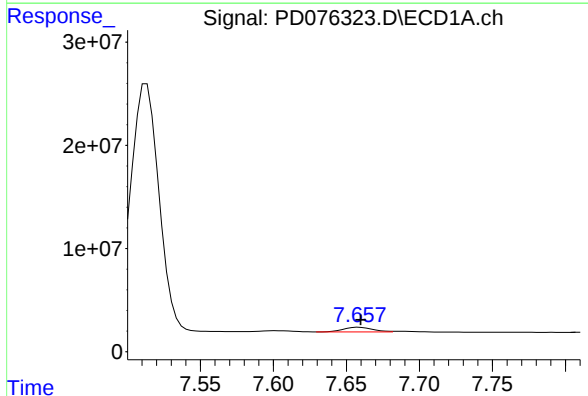
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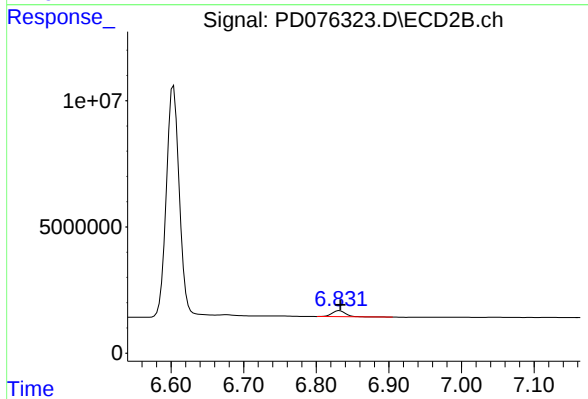
#20 Methoxychlor

R.T.: 6.604 min
Delta R.T.: 0.000 min
Response: 112724220
Conc: 176.52 ng/ml



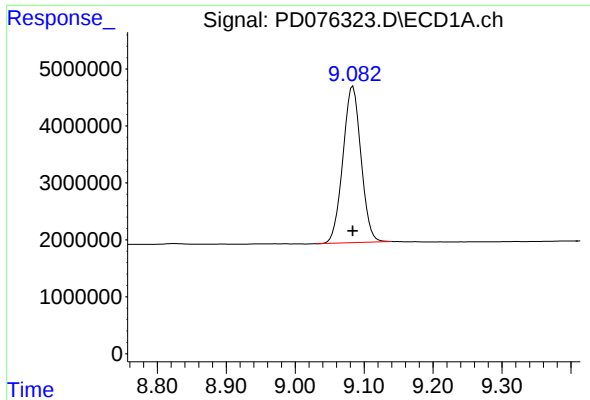
#21 Endrin ketone

R.T.: 7.657 min
Delta R.T.: -0.002 min
Response: 6404584
Conc: 1.53 ng/ml m



#21 Endrin ketone

R.T.: 6.832 min
Delta R.T.: -0.001 min
Response: 3069271
Conc: 1.76 ng/ml



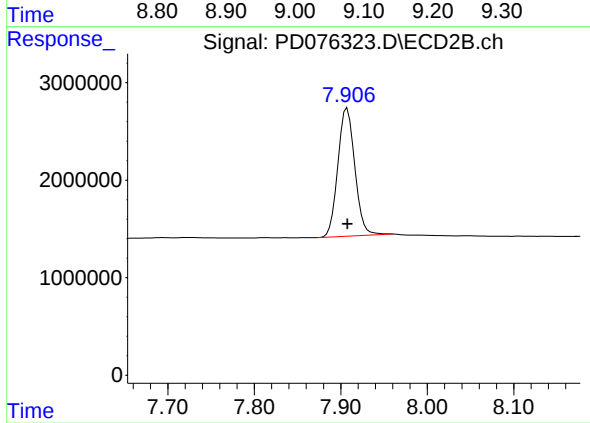
#28 Decachlorobiphenyl

R.T.: 9.084 min
Delta R.T.: 0.000 min
Response: 50168581
Conc: 14.11 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

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#28 Decachlorobiphenyl

R.T.: 7.907 min
Delta R.T.: 0.000 min
Response: 17860122
Conc: 14.19 ng/ml