

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD020724\
 Data File : PD081152.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 07 Feb 2024 09:53
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 02/08/2024
 Supervised By : Ankita Jodhani 02/08/2024

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 07 14:19:05 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD012424.M
 Quant Title : GC Extractables
 QLast Update : Thu Jan 25 11:14:56 2024
 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...	3.565	2.795	29060233	49181567	20.471	20.560
28)	SA Decachlor...	9.111	7.932	43445290	53022054	21.588	19.906
Target Compounds							
2)	A alpha-BHC	4.022	3.296	22962881	37856900	9.245	9.866
3)	MA gamma-BHC...	4.355	3.626	23066592	35342660	9.424	9.453
6)	B beta-BHC	4.549	3.921	10765366	16958202	10.639	10.853
12)	B 4,4'-DDE	6.225	5.253	243130	711186	0.119m	0.232m#
14)	MA Endrin	6.609	5.656	85811427	136.8E6	45.944m	46.163m
16)	A 4,4'-DDD	6.739	5.806	394447	916778	0.240m	0.349 #
17)	MA 4,4'-DDT	7.056	6.055	176.1E6	263.2E6	98.858	99.221
18)	B Endrin al...	6.957	6.131	2135980	4594248	1.404m	2.038 #
20)	A Methoxychlor	7.531	6.629	233.3E6	338.9E6	226.701	216.542
21)	B Endrin ke...	7.679	6.857	4490189	6687080	2.147	2.072

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

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Acq On : 07 Feb 2024 09:53
Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

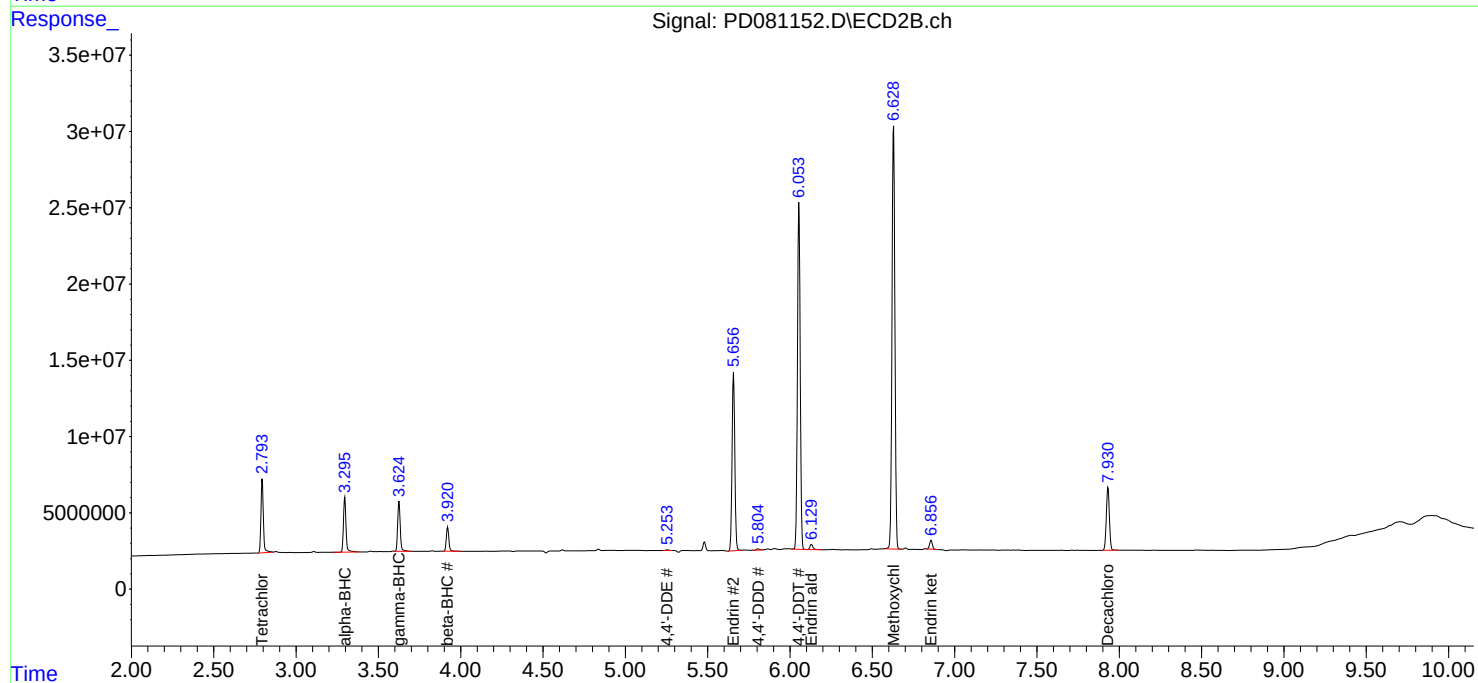
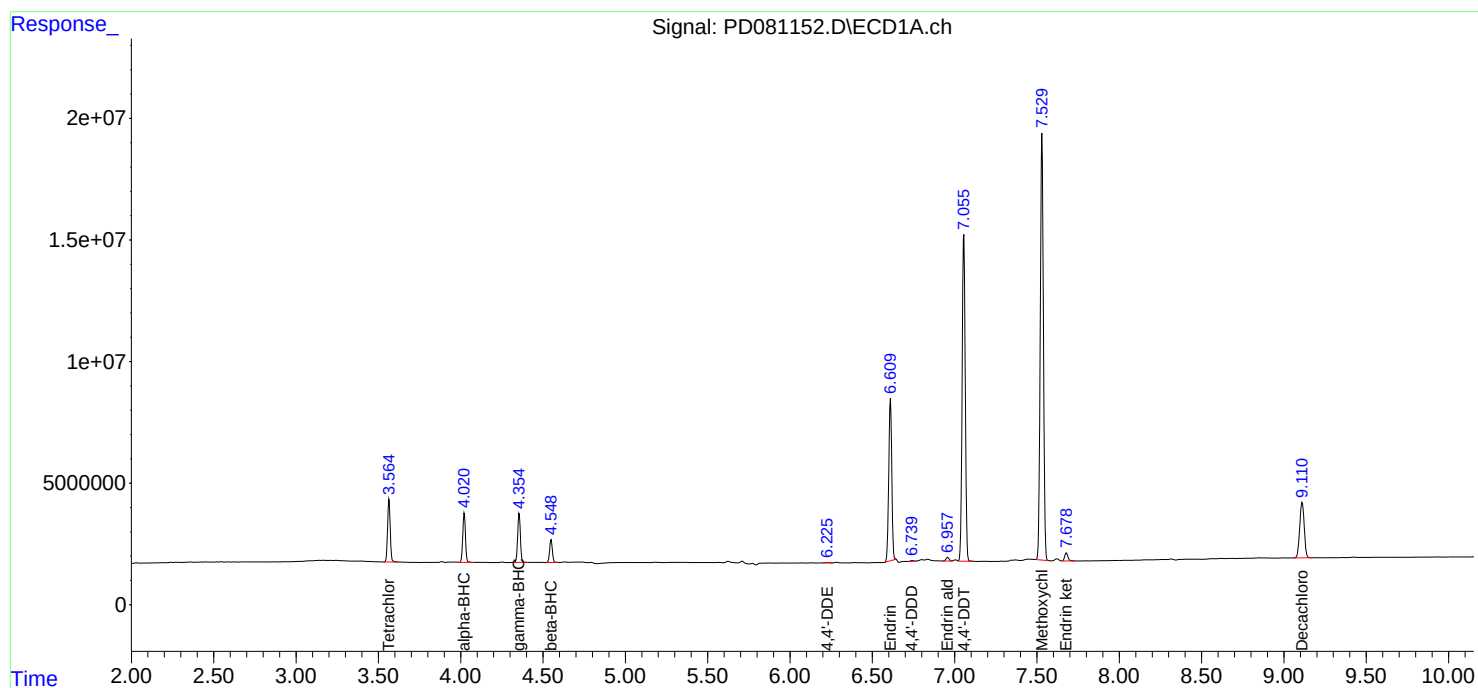
Instrument :
ECD_D
ClientSampleId :
PEM

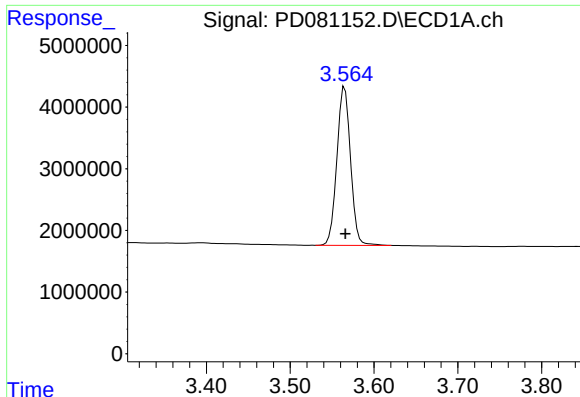
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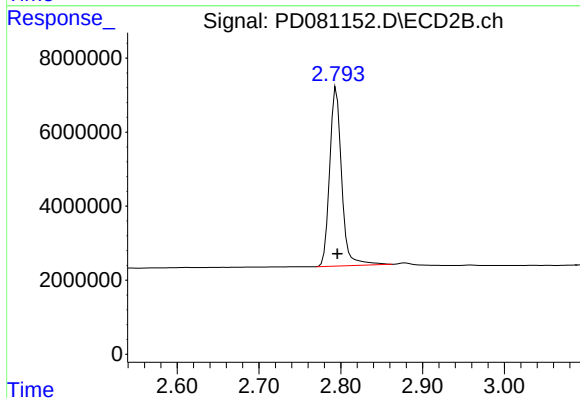
#1 Tetrachloro-m-xylene

R.T.: 3.565 min
Delta R.T.: 0.000 min
Response: 29060233
Conc: 20.47 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

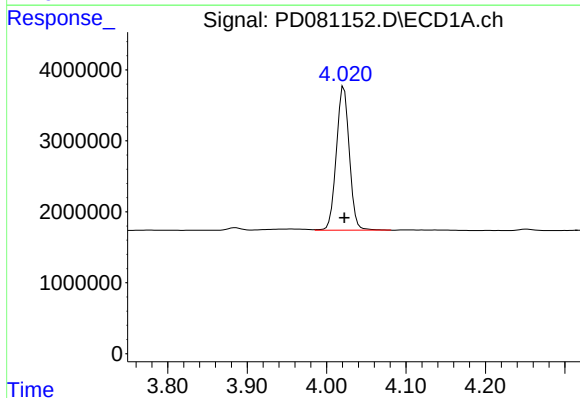
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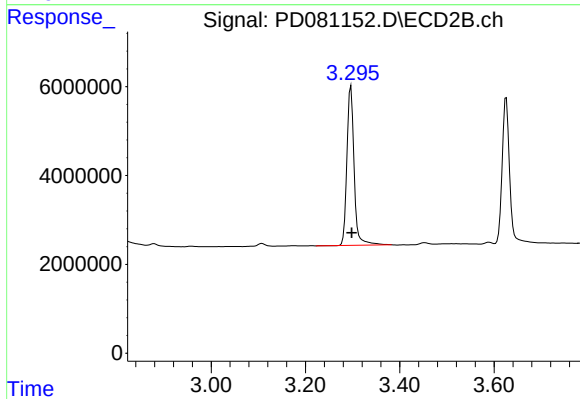
#1 Tetrachloro-m-xylene

R.T.: 2.795 min
Delta R.T.: -0.001 min
Response: 49181567
Conc: 20.56 ng/ml



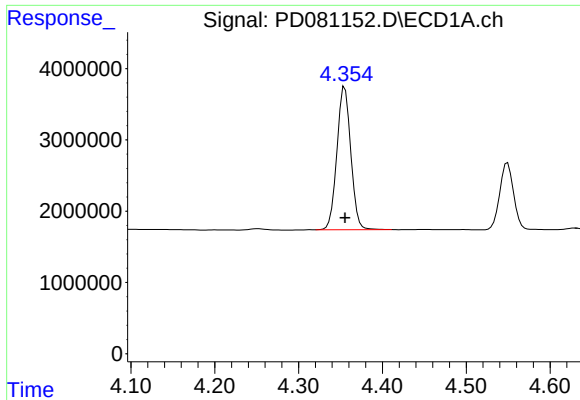
#2 alpha-BHC

R.T.: 4.022 min
Delta R.T.: 0.000 min
Response: 22962881
Conc: 9.24 ng/ml



#2 alpha-BHC

R.T.: 3.296 min
Delta R.T.: -0.002 min
Response: 37856900
Conc: 9.87 ng/ml



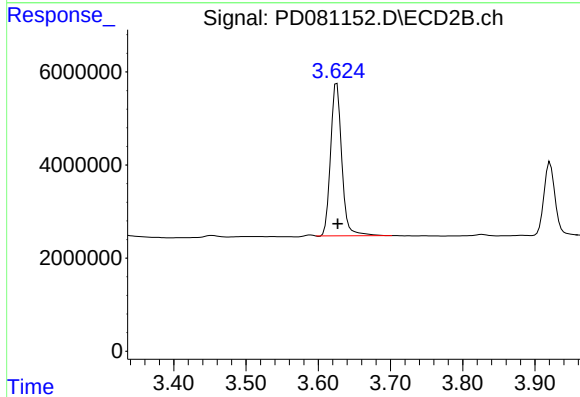
#3 gamma-BHC (Lindane)

R.T.: 4.355 min
Delta R.T.: 0.000 min
Response: 23066592
Conc: 9.42 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

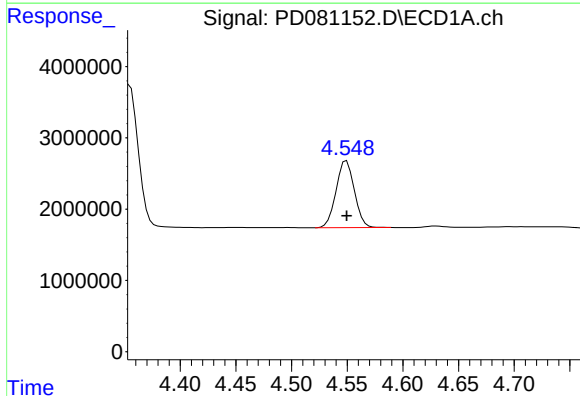
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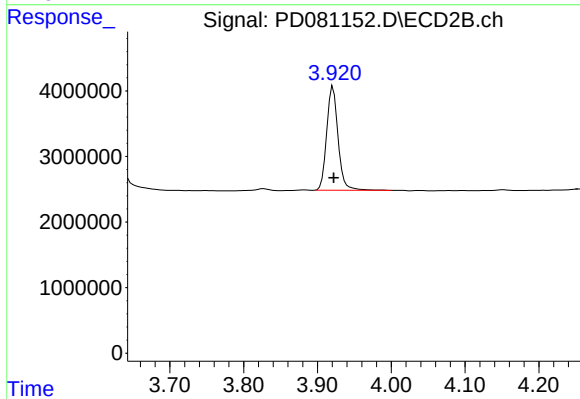
#3 gamma-BHC (Lindane)

R.T.: 3.626 min
Delta R.T.: -0.001 min
Response: 35342660
Conc: 9.45 ng/ml



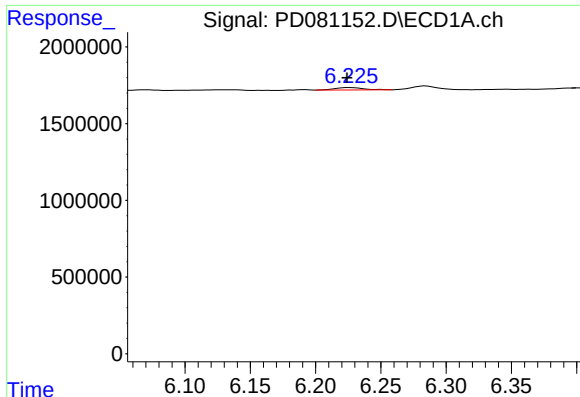
#6 beta-BHC

R.T.: 4.549 min
Delta R.T.: 0.000 min
Response: 10765366
Conc: 10.64 ng/ml



#6 beta-BHC

R.T.: 3.921 min
Delta R.T.: -0.001 min
Response: 16958202
Conc: 10.85 ng/ml



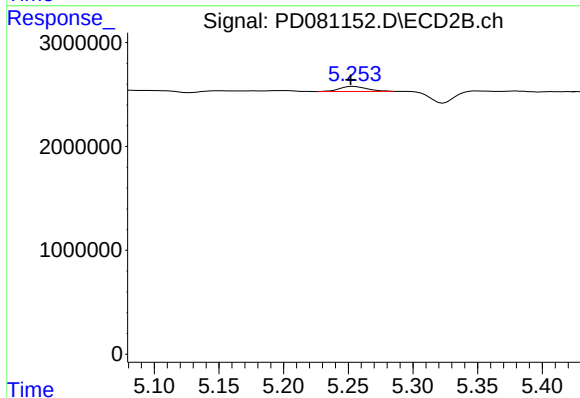
#12 4,4'-DDE

R.T.: 6.225 min
Delta R.T.: 0.001 min
Response: 243130
Conc: 0.12 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

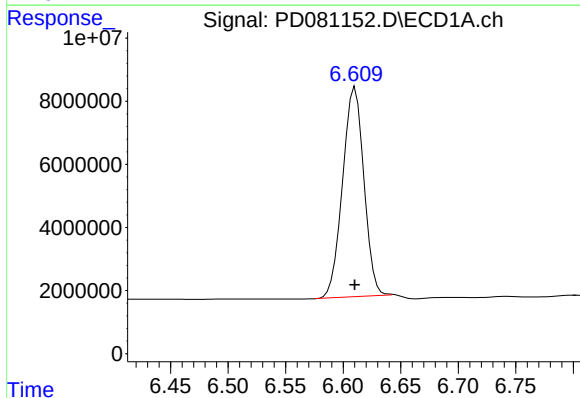
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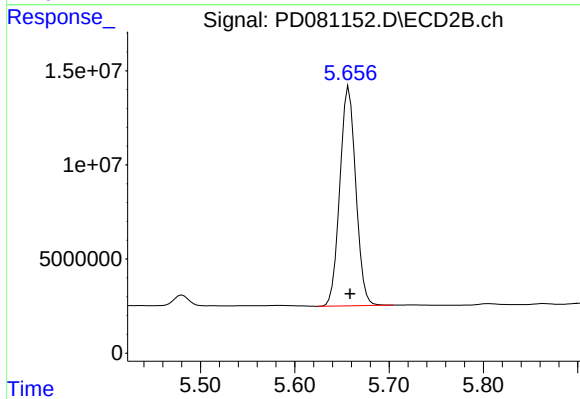
#12 4,4'-DDE

R.T.: 5.253 min
Delta R.T.: 0.000 min
Response: 711186
Conc: 0.23 ng/ml m



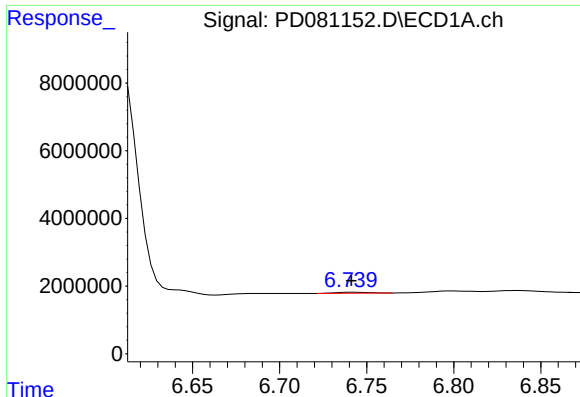
#14 Endrin

R.T.: 6.609 min
Delta R.T.: -0.001 min
Response: 85811427
Conc: 45.94 ng/ml m



#14 Endrin

R.T.: 5.656 min
Delta R.T.: -0.003 min
Response: 136800270
Conc: 46.16 ng/ml m



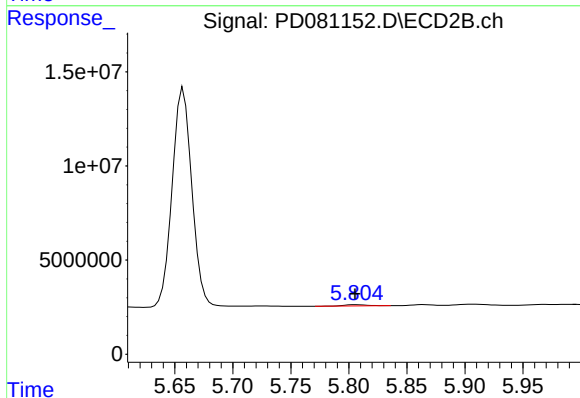
#16 4,4'-DDD

R.T.: 6.739 min
Delta R.T.: -0.002 min
Response: 394447
Conc: 0.24 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

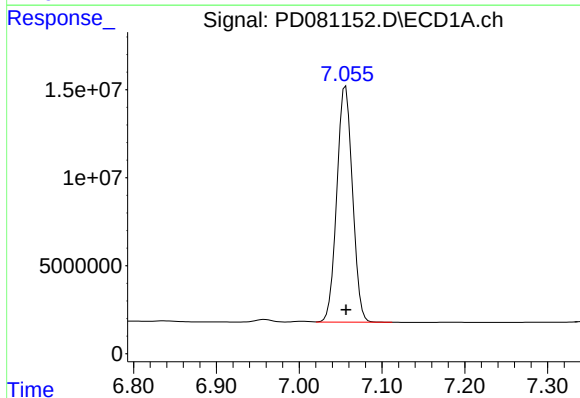
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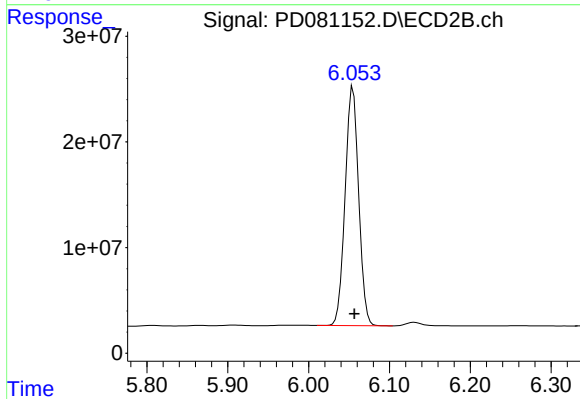
#16 4,4'-DDD

R.T.: 5.806 min
Delta R.T.: 0.000 min
Response: 916778
Conc: 0.35 ng/ml



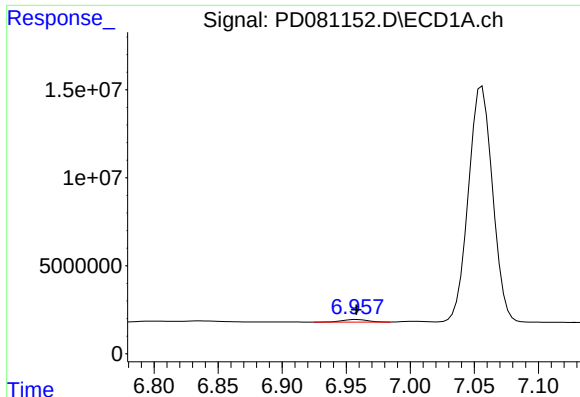
#17 4,4'-DDT

R.T.: 7.056 min
Delta R.T.: 0.000 min
Response: 176054543
Conc: 98.86 ng/ml



#17 4,4'-DDT

R.T.: 6.055 min
Delta R.T.: -0.002 min
Response: 263239993
Conc: 99.22 ng/ml



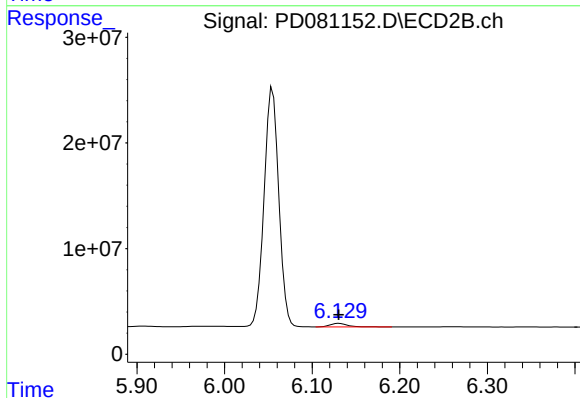
#18 Endrin aldehyde

R.T.: 6.957 min
Delta R.T.: -0.001 min
Response: 2135980
Conc: 1.40 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

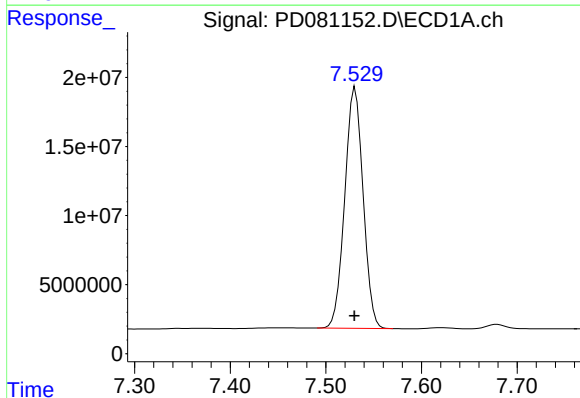
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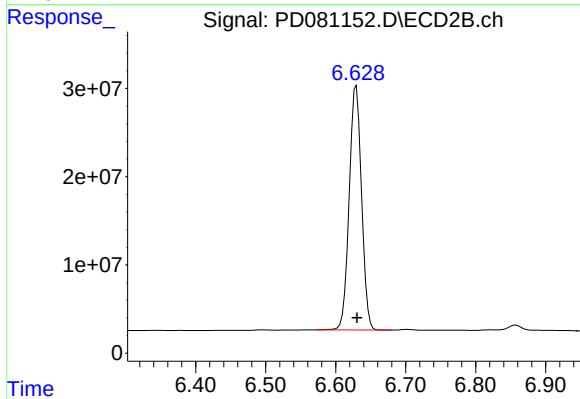
#18 Endrin aldehyde

R.T.: 6.131 min
Delta R.T.: 0.000 min
Response: 4594248
Conc: 2.04 ng/ml



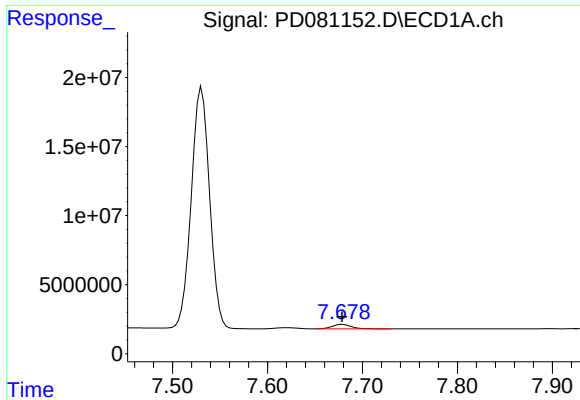
#20 Methoxychlor

R.T.: 7.531 min
Delta R.T.: 0.000 min
Response: 233338799
Conc: 226.70 ng/ml



#20 Methoxychlor

R.T.: 6.629 min
Delta R.T.: -0.001 min
Response: 338943798
Conc: 216.54 ng/ml



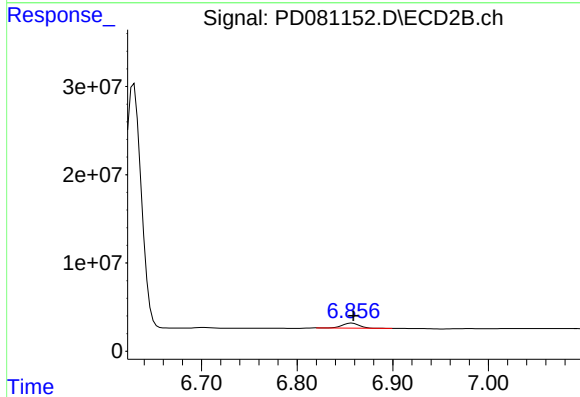
#21 Endrin ketone

R.T.: 7.679 min
Delta R.T.: 0.000 min
Response: 4490189
Conc: 2.15 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

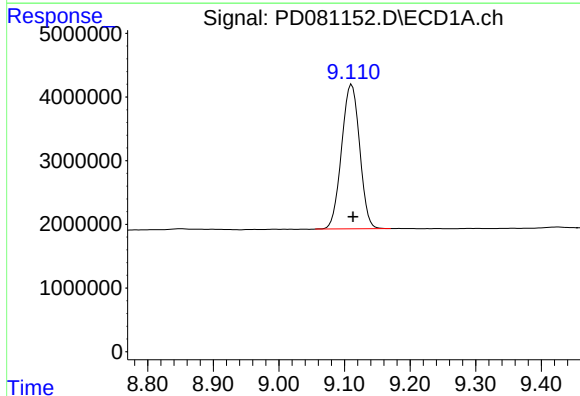
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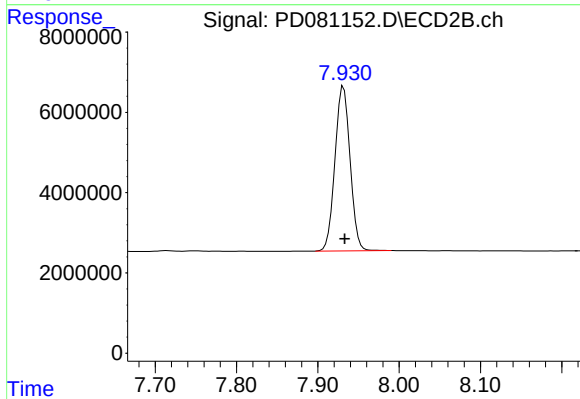
#21 Endrin ketone

R.T.: 6.857 min
Delta R.T.: -0.002 min
Response: 6687080
Conc: 2.07 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.111 min
Delta R.T.: -0.002 min
Response: 43445290
Conc: 21.59 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.932 min
Delta R.T.: -0.001 min
Response: 53022054
Conc: 19.91 ng/ml