

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD020924\
 Data File : PD081251.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 09 Feb 2024 09:20
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 02/12/2024
 Supervised By :Ankita Jodhani 02/12/2024

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 09 21:37:56 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...	3.566	2.795	31371769	55770590	22.100	23.314
28)	SA Decachlor...	9.112	7.931	42810946	58030104	21.273	21.786
Target Compounds							
2)	A alpha-BHC	4.023	3.296	24908234	42250606	10.028	11.011
3)	MA gamma-BHC...	4.356	3.625	24833327	39346698	10.146	10.524
6)	B beta-BHC	4.551	3.921	11690312	18702635	11.553	11.969
12)	B 4,4'-DDE	6.225	5.250	353204	775289	0.174	0.253m#
14)	MA Endrin	6.611	5.657	84357628	143.9E6	45.165	48.573
16)	A 4,4'-DDD	6.743	5.804	4028530	6684551	2.452	2.546
17)	MA 4,4'-DDT	7.059	6.054	172.4E6	271.0E6	96.830	102.153
18)	B Endrin al...	6.960	6.129	3856357	6682013	2.535	2.964
20)	A Methoxychlor	7.533	6.629	220.9E6	336.0E6	214.588	214.638
21)	B Endrin ke...	7.681	6.857	8016366	14294949	3.833	4.430

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

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Sample : PEM
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ALS Vial : 3 Sample Multiplier: 1

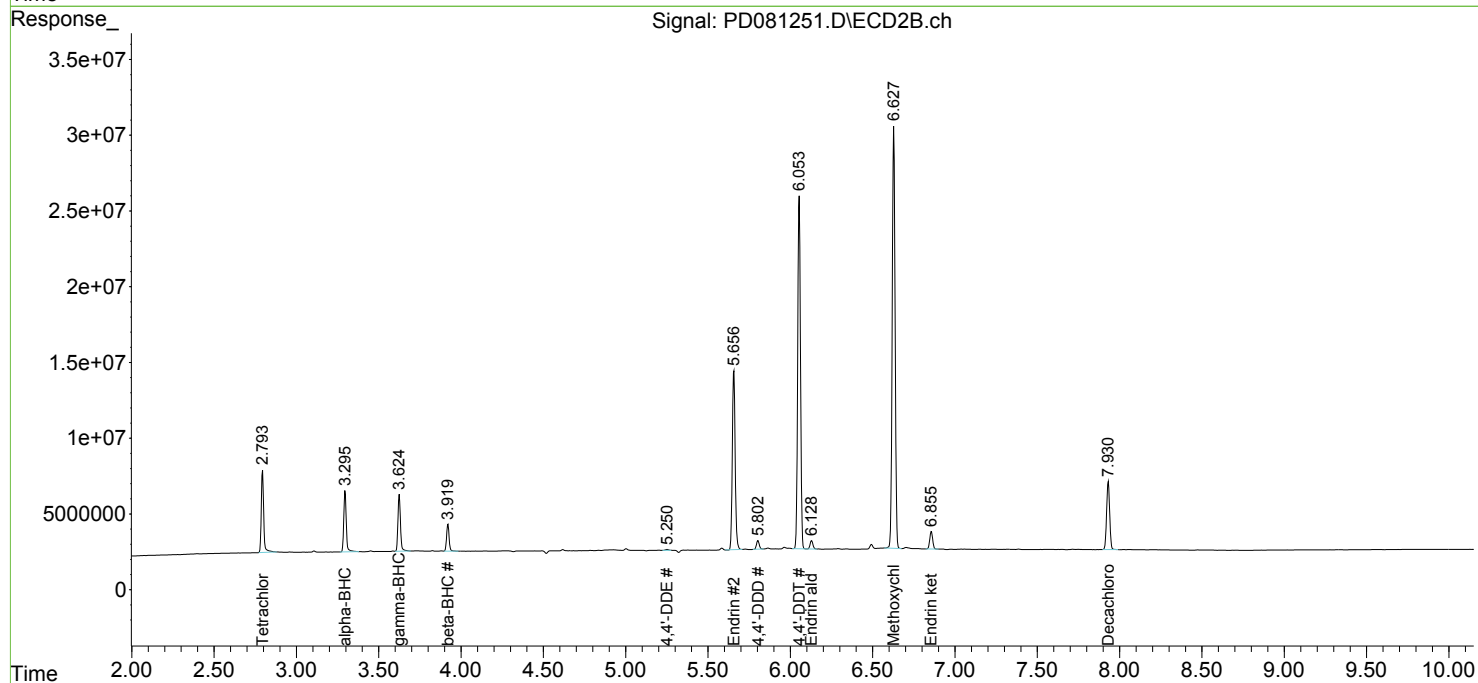
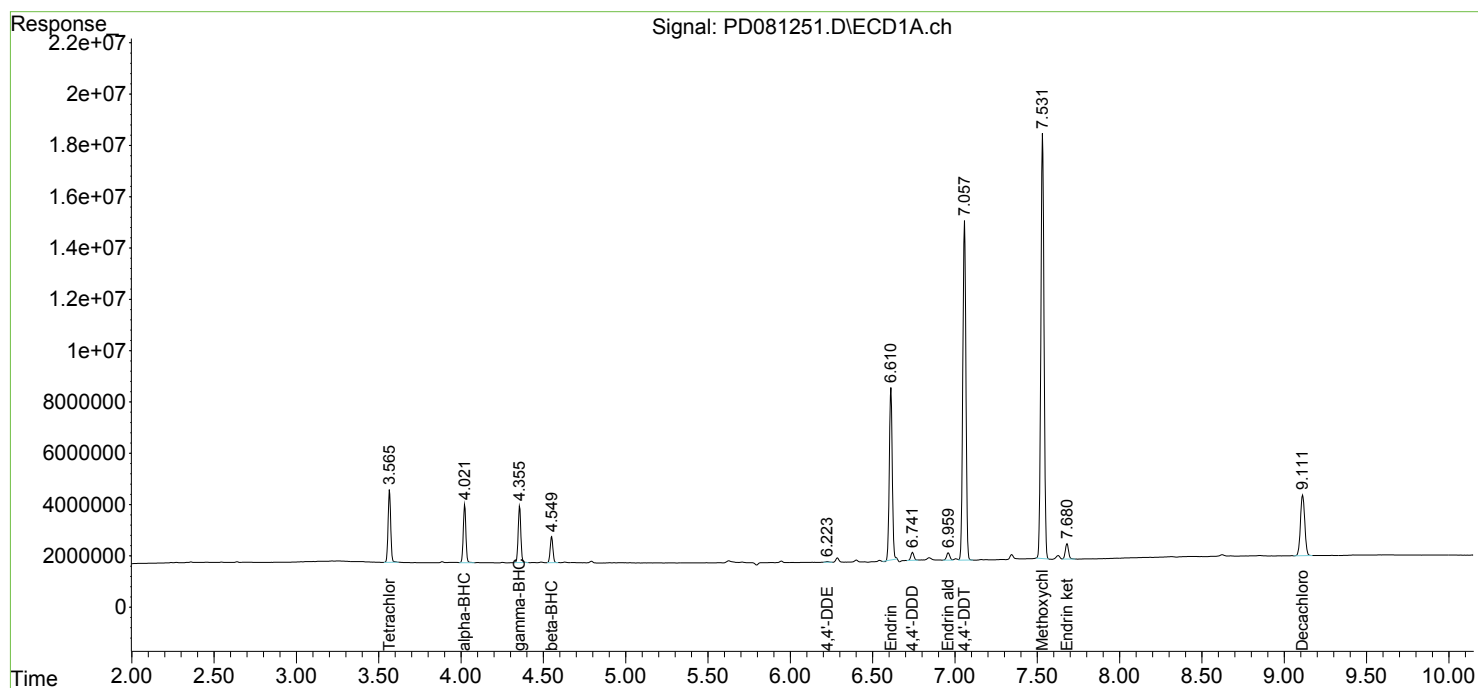
Instrument :
ECD_D
ClientSampleId :
PEM

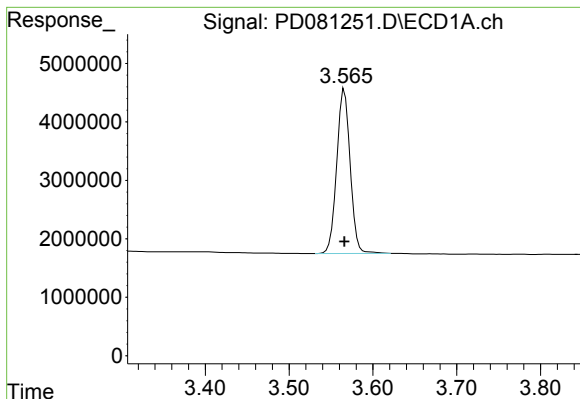
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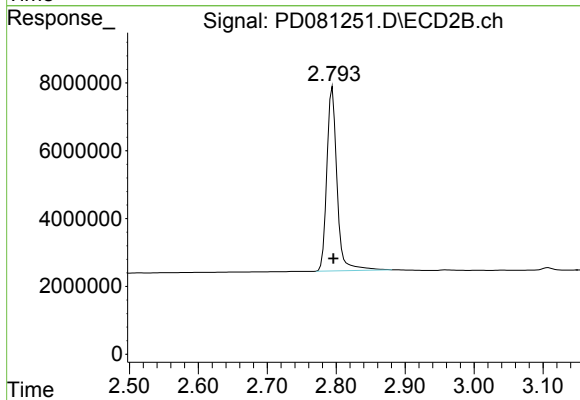
#1 Tetrachloro-m-xylene

R.T.: 3.566 min
Delta R.T.: 0.000 min
Response: 31371769
Conc: 22.10 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

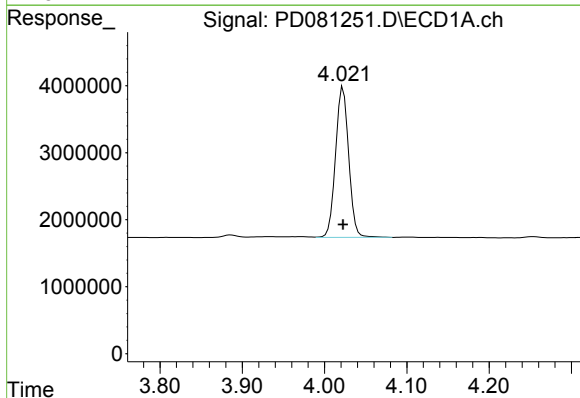
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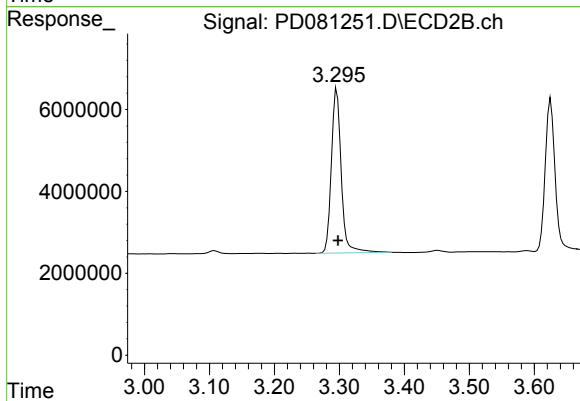
#1 Tetrachloro-m-xylene

R.T.: 2.795 min
Delta R.T.: -0.001 min
Response: 55770590
Conc: 23.31 ng/ml



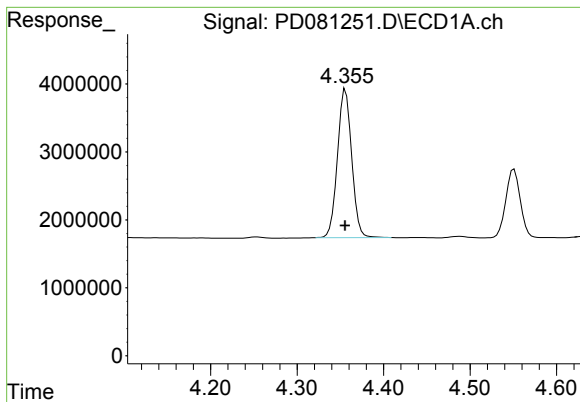
#2 alpha-BHC

R.T.: 4.023 min
Delta R.T.: 0.000 min
Response: 24908234
Conc: 10.03 ng/ml



#2 alpha-BHC

R.T.: 3.296 min
Delta R.T.: -0.002 min
Response: 42250606
Conc: 11.01 ng/ml



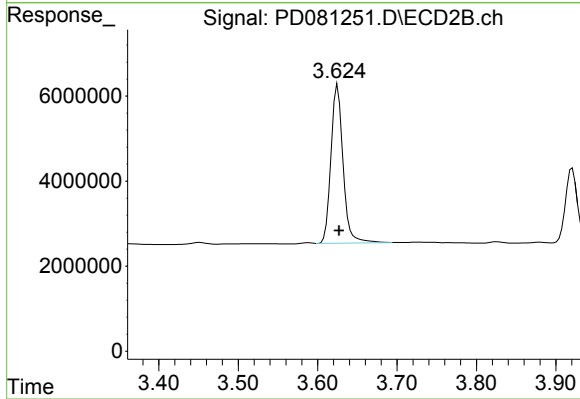
#3 gamma-BHC (Lindane)

R.T.: 4.356 min
Delta R.T.: 0.000 min
Response: 24833327
Conc: 10.15 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

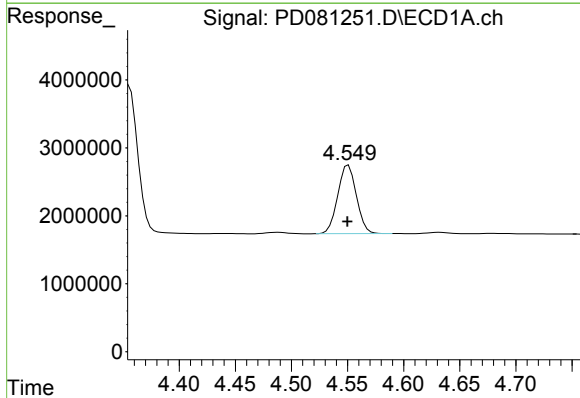
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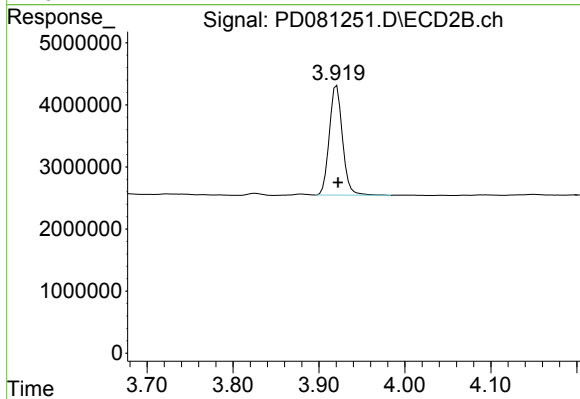
#3 gamma-BHC (Lindane)

R.T.: 3.625 min
Delta R.T.: -0.002 min
Response: 39346698
Conc: 10.52 ng/ml



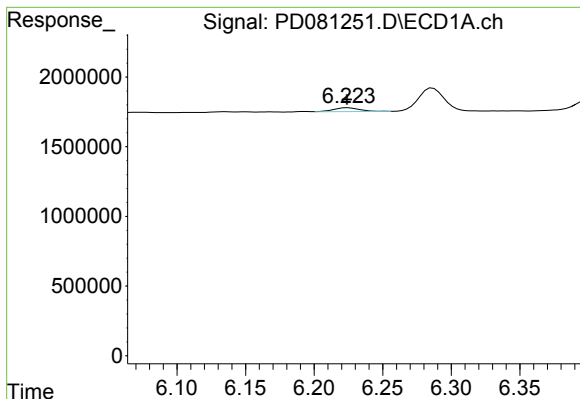
#6 beta-BHC

R.T.: 4.551 min
Delta R.T.: 0.001 min
Response: 11690312
Conc: 11.55 ng/ml



#6 beta-BHC

R.T.: 3.921 min
Delta R.T.: -0.002 min
Response: 18702635
Conc: 11.97 ng/ml



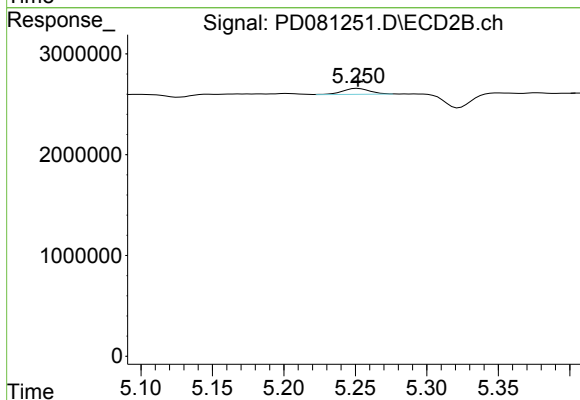
#12 4,4'-DDE

R.T.: 6.225 min
Delta R.T.: 0.000 min
Response: 353204
Conc: 0.17 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

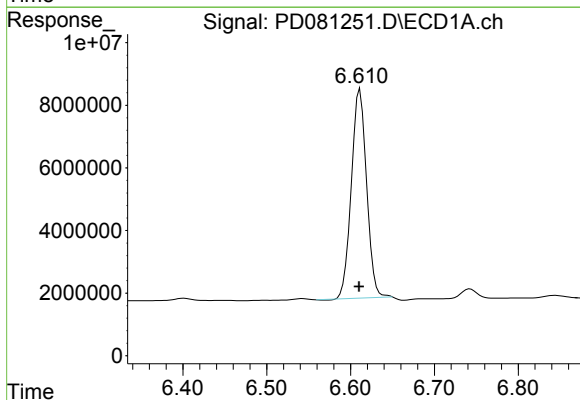
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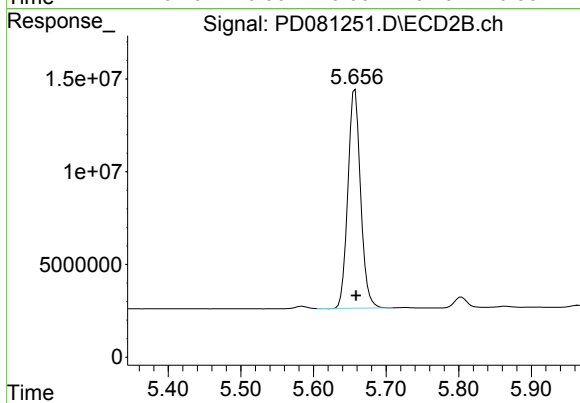
#12 4,4'-DDE

R.T.: 5.250 min
Delta R.T.: -0.002 min
Response: 775289
Conc: 0.25 ng/ml m



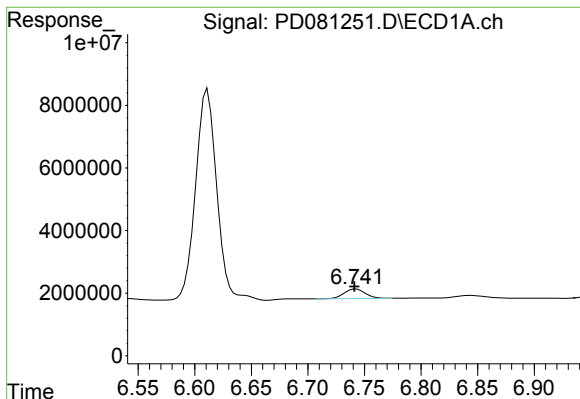
#14 Endrin

R.T.: 6.611 min
Delta R.T.: 0.001 min
Response: 84357628
Conc: 45.17 ng/ml



#14 Endrin

R.T.: 5.657 min
Delta R.T.: -0.001 min
Response: 143940784
Conc: 48.57 ng/ml



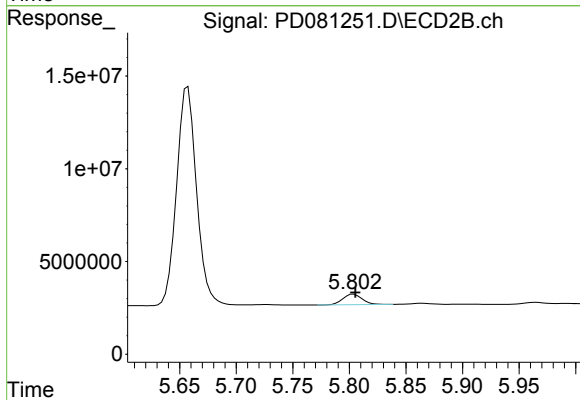
#16 4,4'-DDD

R.T.: 6.743 min
Delta R.T.: 0.001 min
Response: 4028530
Conc: 2.45 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

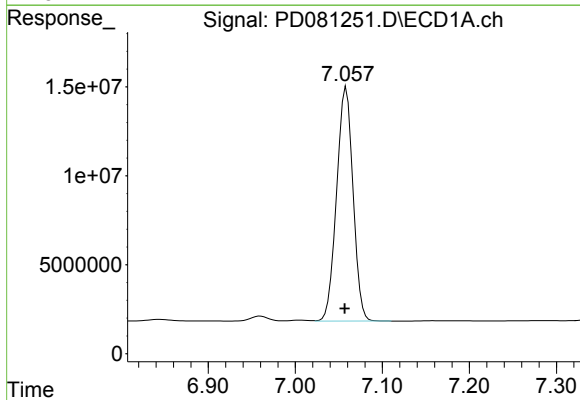
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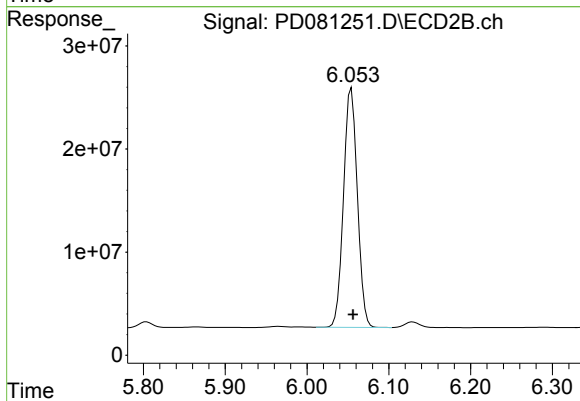
#16 4,4'-DDD

R.T.: 5.804 min
Delta R.T.: -0.002 min
Response: 6684551
Conc: 2.55 ng/ml



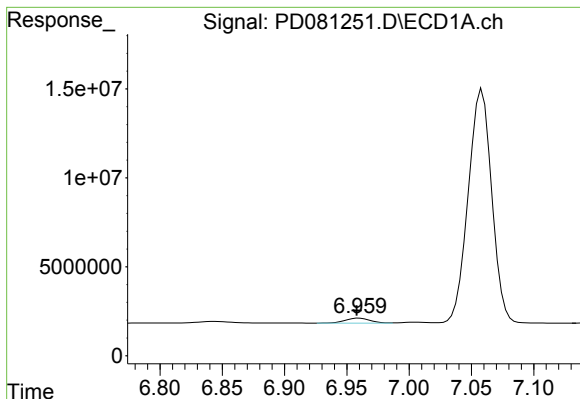
#17 4,4'-DDT

R.T.: 7.059 min
Delta R.T.: 0.002 min
Response: 172442544
Conc: 96.83 ng/ml



#17 4,4'-DDT

R.T.: 6.054 min
Delta R.T.: -0.002 min
Response: 271017568
Conc: 102.15 ng/ml



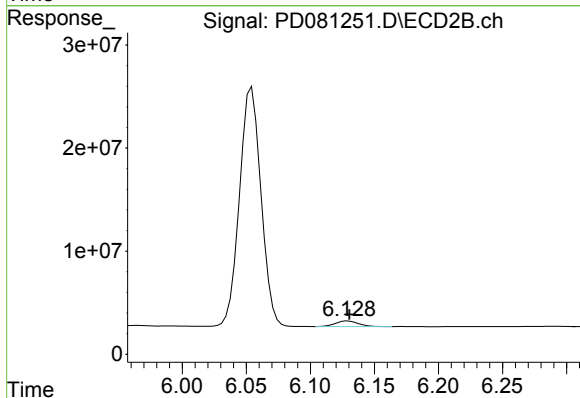
#18 Endrin aldehyde

R.T.: 6.960 min
Delta R.T.: 0.002 min
Response: 3856357
Conc: 2.54 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

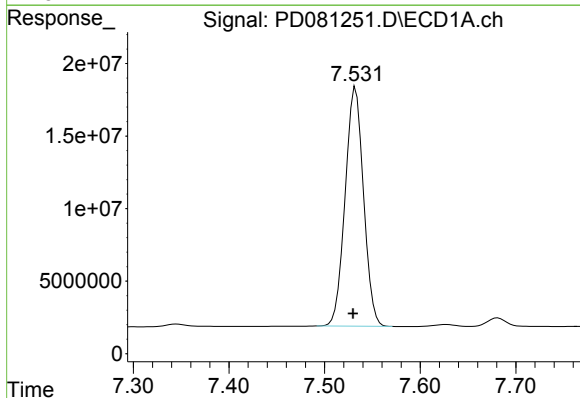
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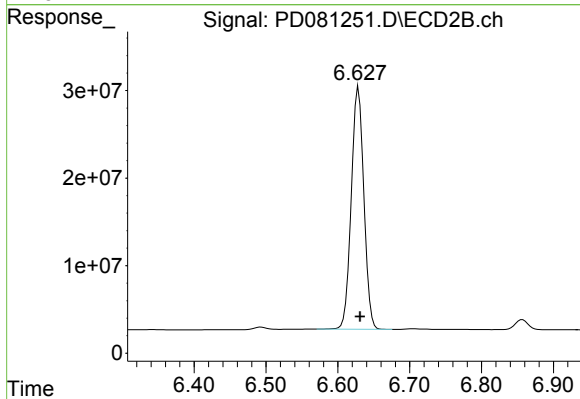
#18 Endrin aldehyde

R.T.: 6.129 min
Delta R.T.: -0.001 min
Response: 6682013
Conc: 2.96 ng/ml



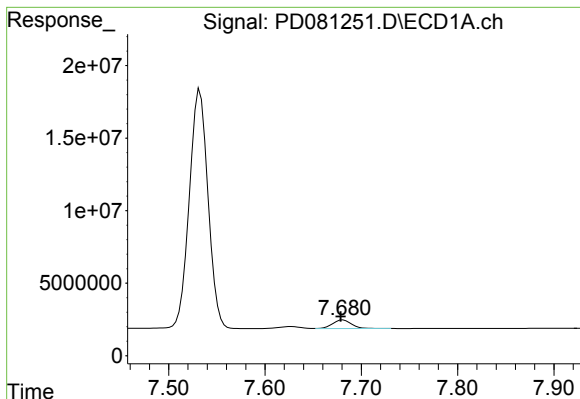
#20 Methoxychlor

R.T.: 7.533 min
Delta R.T.: 0.003 min
Response: 220870852
Conc: 214.59 ng/ml



#20 Methoxychlor

R.T.: 6.629 min
Delta R.T.: -0.002 min
Response: 335963888
Conc: 214.64 ng/ml



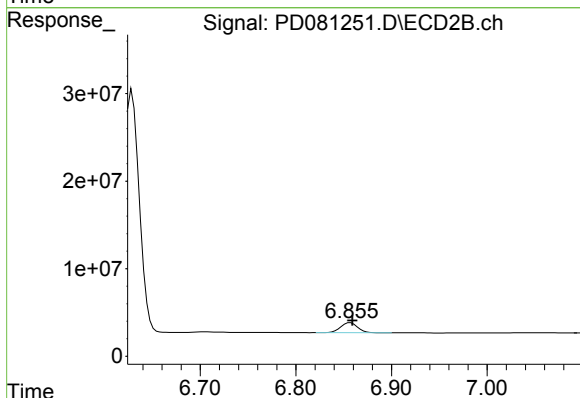
#21 Endrin ketone

R.T.: 7.681 min
Delta R.T.: 0.002 min
Response: 8016366
Conc: 3.83 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

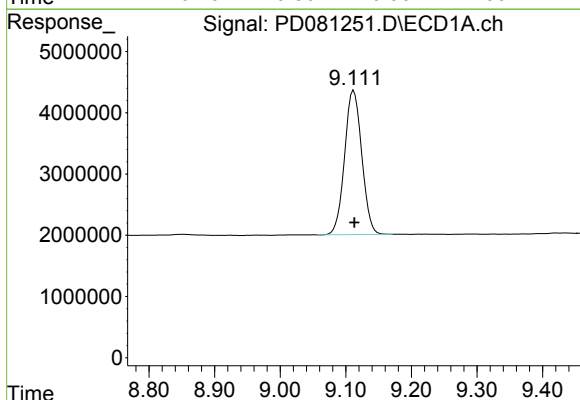
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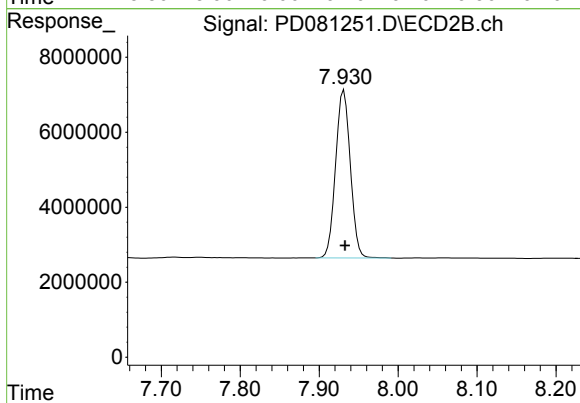
#21 Endrin ketone

R.T.: 6.857 min
Delta R.T.: -0.002 min
Response: 14294949
Conc: 4.43 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.112 min
Delta R.T.: 0.000 min
Response: 42810946
Conc: 21.27 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.931 min
Delta R.T.: -0.002 min
Response: 58030104
Conc: 21.79 ng/ml