

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD061723\
 Data File : PD075832.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 16 Jun 2023 09:46
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 06/19/2023
 Supervised By : Ankita Jodhani 06/19/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 16 11:02:23 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD061523.M
 Quant Title : GC Extractables
 QLast Update : Fri Jun 16 10:43:19 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...	3.547	2.767	42618852	20721095	20.008	19.099
28)	SA Decachlor...	9.091	7.915	52211944	20385893	20.610	20.849
Target Compounds							
2)	A alpha-BHC	4.004	3.270	33927082	14790990	9.189	9.246
3)	MA gamma-BHC...	4.337	3.600	32817849	13747403	9.753	9.330
6)	B beta-BHC	4.533	3.897	15326666	6814195	10.660	10.690
12)	B 4,4'-DDE	6.207	5.229	497774	211664	0.174	0.190m
14)	MA Endrin	6.592	5.634	124.4E6	54919645	46.518	45.127
16)	A 4,4'-DDD	6.725	5.783	1895823	949333	0.833m	1.077m#
17)	MA 4,4'-DDT	7.041	6.033	240.8E6	94126749	106.132	115.878
18)	B Endrin al...	6.942	6.107	2464798	1338189	1.228	1.546m#
20)	A Methoxychlor	7.518	6.609	330.2E6	121.8E6	255.130	263.067
21)	B Endrin ke...	7.662	6.836	6201314	3415994	2.226m	2.812m#

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

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Operator : AR\AJ
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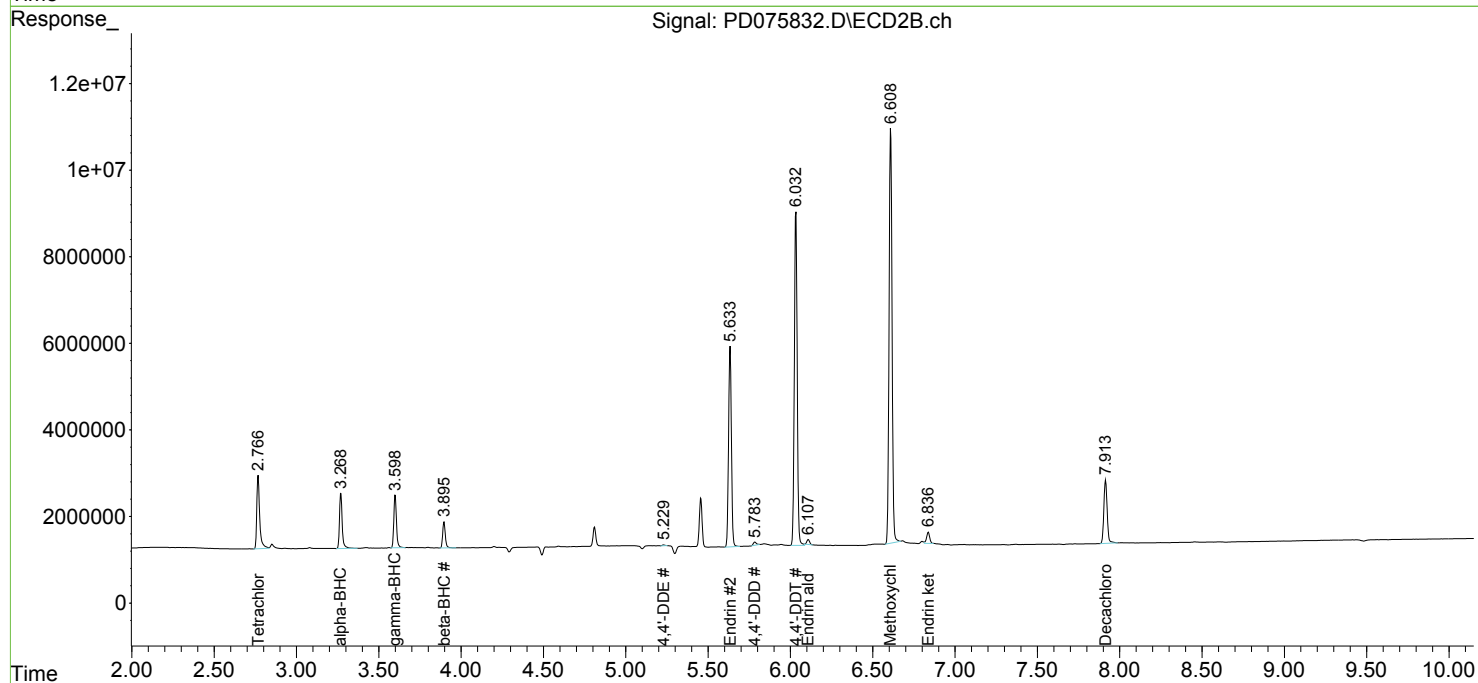
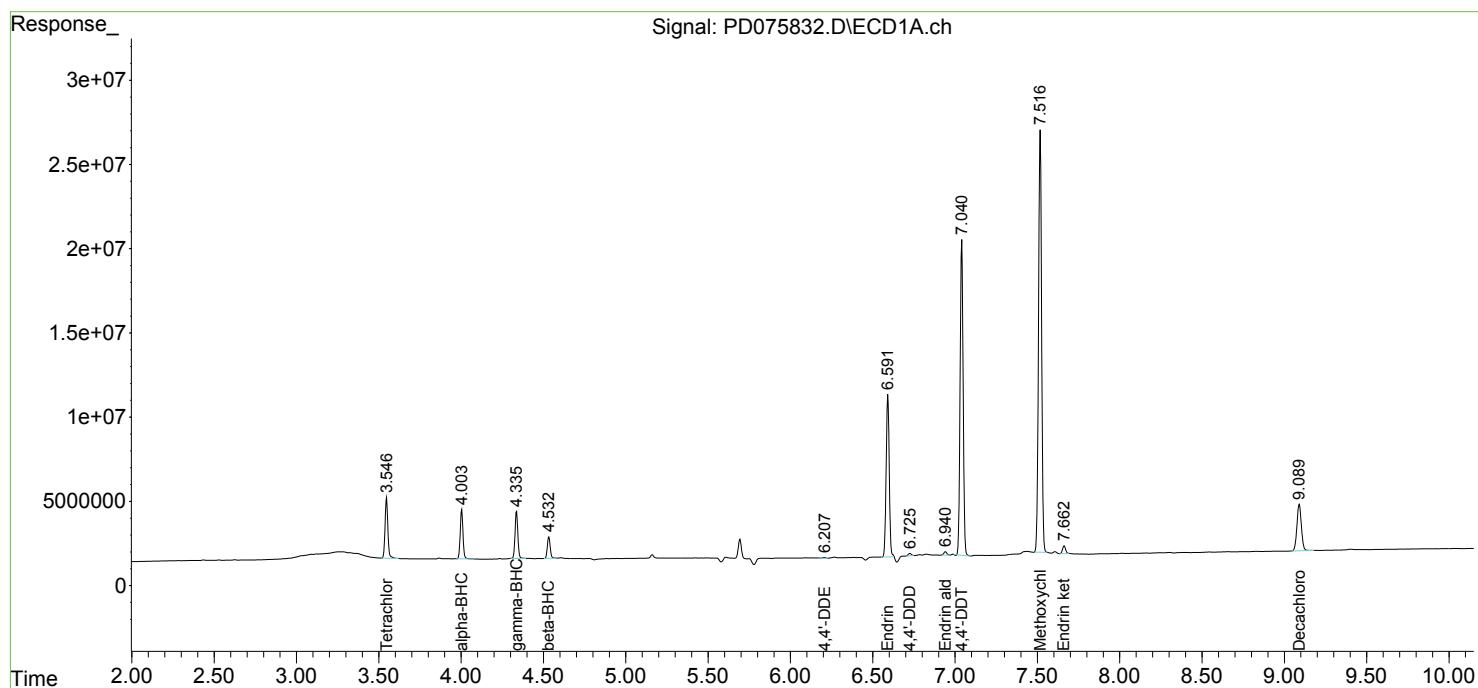
Instrument :
ECD_D
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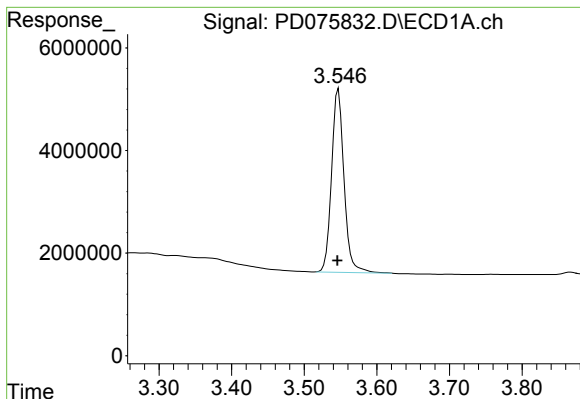
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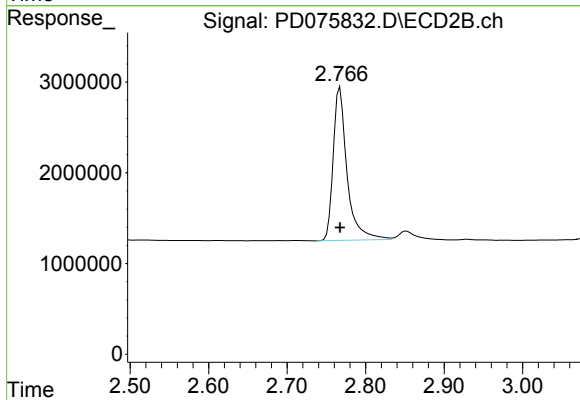
#1 Tetrachloro-m-xylene

R.T.: 3.547 min
Delta R.T.: 0.001 min
Response: 42618852
Conc: 20.01 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

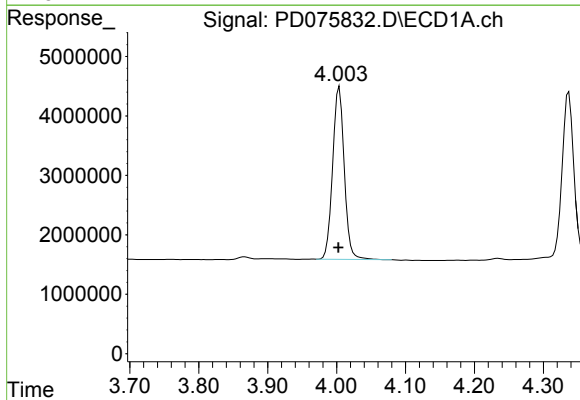
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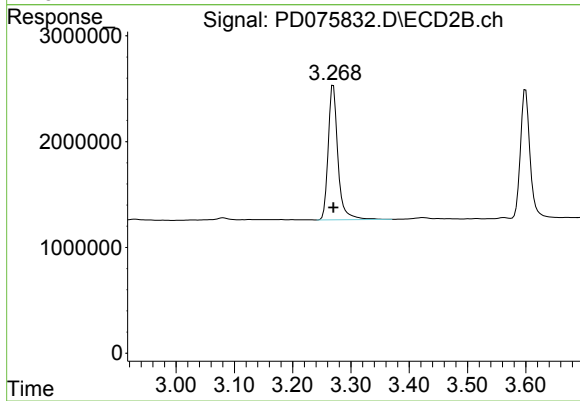
#1 Tetrachloro-m-xylene

R.T.: 2.767 min
Delta R.T.: 0.000 min
Response: 20721095
Conc: 19.10 ng/ml



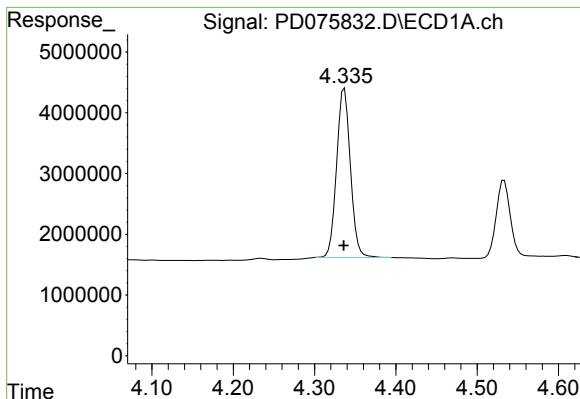
#2 alpha-BHC

R.T.: 4.004 min
Delta R.T.: 0.001 min
Response: 33927082
Conc: 9.19 ng/ml



#2 alpha-BHC

R.T.: 3.270 min
Delta R.T.: 0.000 min
Response: 14790990
Conc: 9.25 ng/ml



#3 gamma-BHC (Lindane)

R.T.: 4.337 min
Delta R.T.: 0.000 min
Response: 32817849
Conc: 9.75 ng/ml

Instrument :

ECD_D

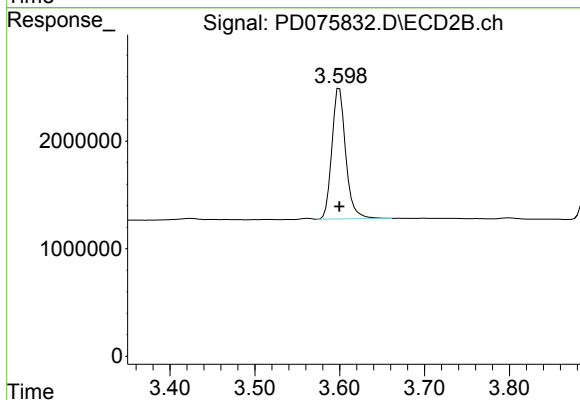
ClientSampleId :

PEM

Manual Integrations

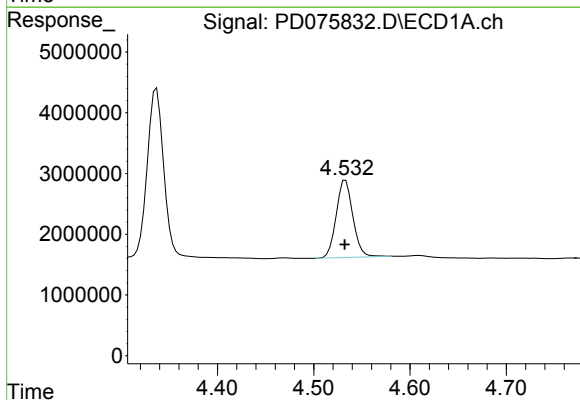
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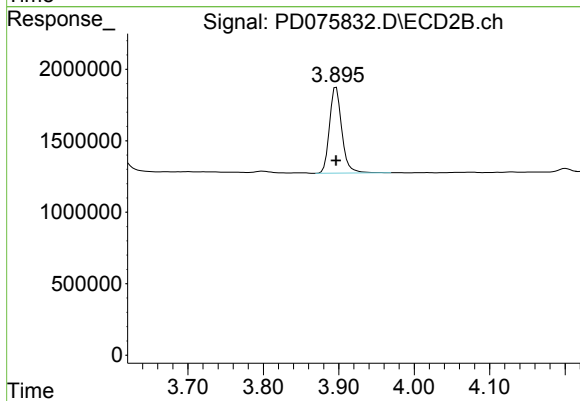
#3 gamma-BHC (Lindane)

R.T.: 3.600 min
Delta R.T.: 0.000 min
Response: 13747403
Conc: 9.33 ng/ml



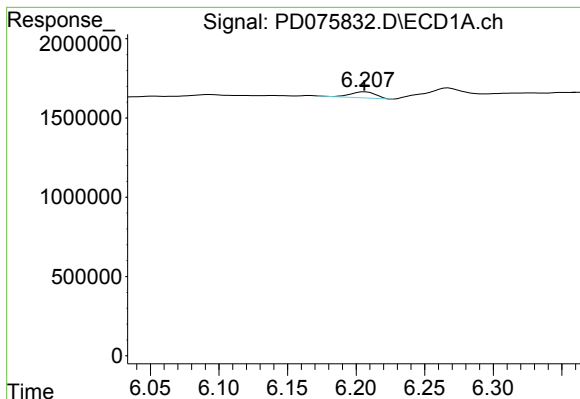
#6 beta-BHC

R.T.: 4.533 min
Delta R.T.: 0.000 min
Response: 15326666
Conc: 10.66 ng/ml



#6 beta-BHC

R.T.: 3.897 min
Delta R.T.: 0.000 min
Response: 6814195
Conc: 10.69 ng/ml



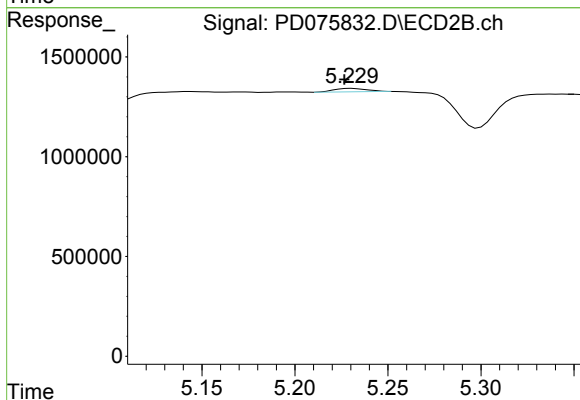
#12 4,4'-DDE

R.T.: 6.207 min
Delta R.T.: 0.000 min
Response: 497774
Conc: 0.17 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

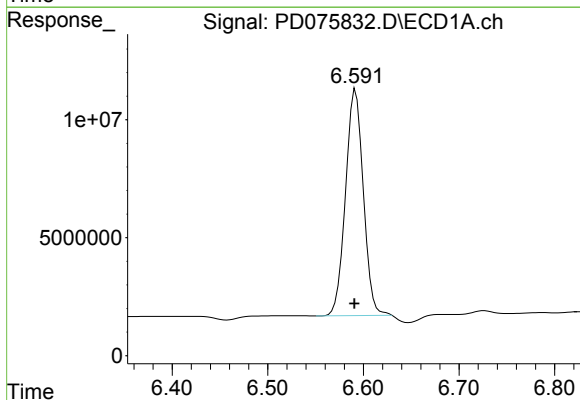
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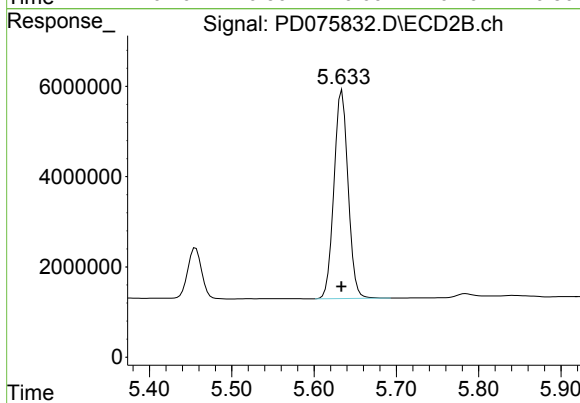
#12 4,4'-DDE

R.T.: 5.229 min
Delta R.T.: 0.003 min
Response: 211664
Conc: 0.19 ng/ml m



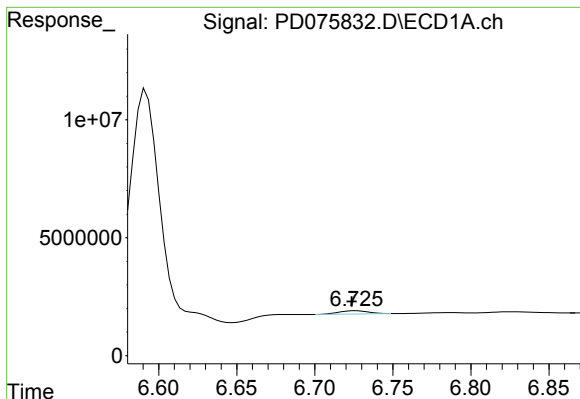
#14 Endrin

R.T.: 6.592 min
Delta R.T.: 0.001 min
Response: 124405549
Conc: 46.52 ng/ml



#14 Endrin

R.T.: 5.634 min
Delta R.T.: 0.000 min
Response: 54919645
Conc: 45.13 ng/ml



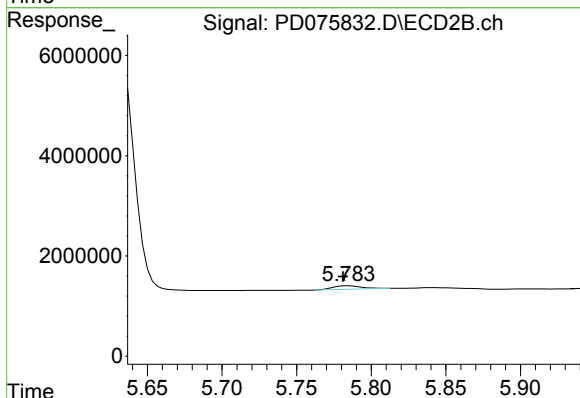
#16 4,4'-DDD

R.T.: 6.725 min
Delta R.T.: 0.001 min
Response: 1895823
Conc: 0.83 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

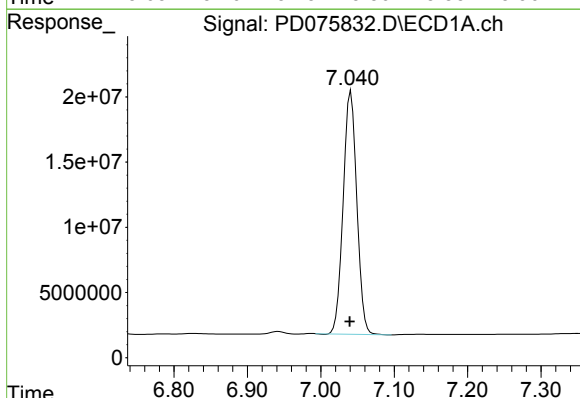
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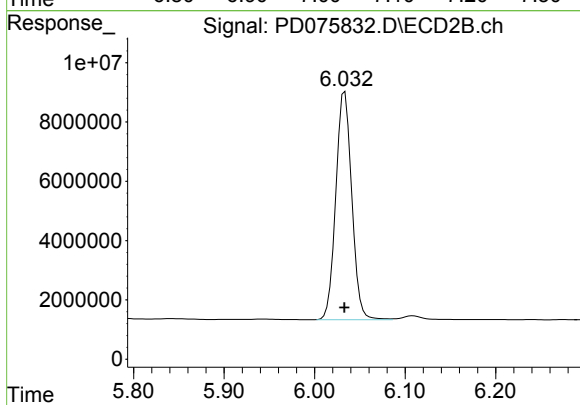
#16 4,4'-DDD

R.T.: 5.783 min
Delta R.T.: 0.002 min
Response: 949333
Conc: 1.08 ng/ml m



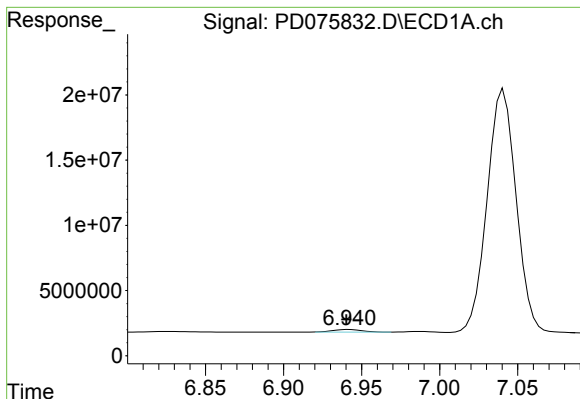
#17 4,4'-DDT

R.T.: 7.041 min
Delta R.T.: 0.001 min
Response: 240840365
Conc: 106.13 ng/ml



#17 4,4'-DDT

R.T.: 6.033 min
Delta R.T.: 0.000 min
Response: 94126749
Conc: 115.88 ng/ml



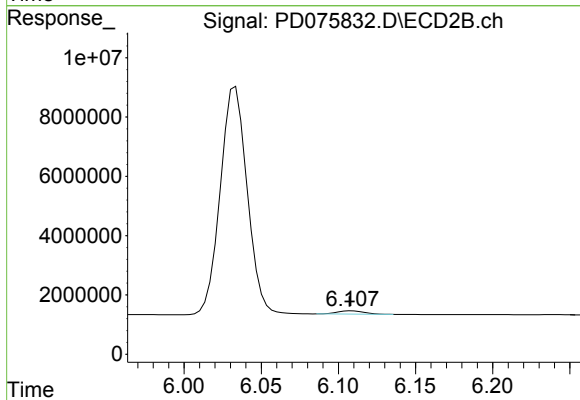
#18 Endrin aldehyde

R.T.: 6.942 min
Delta R.T.: 0.002 min
Response: 2464798
Conc: 1.23 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

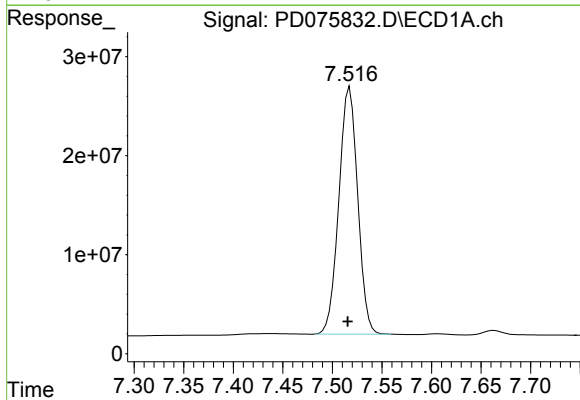
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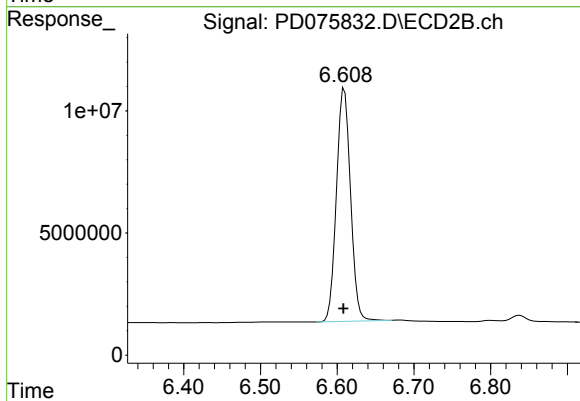
#18 Endrin aldehyde

R.T.: 6.107 min
Delta R.T.: 0.000 min
Response: 1338189
Conc: 1.55 ng/ml m



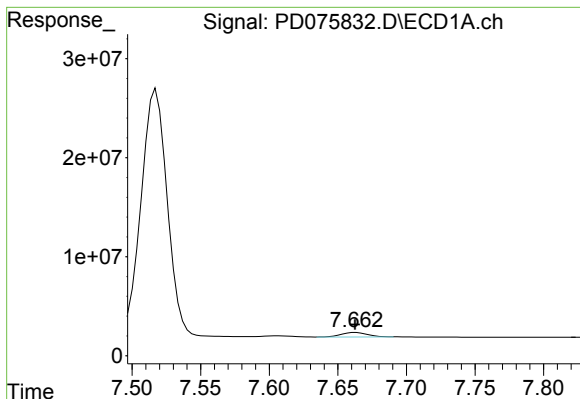
#20 Methoxychlor

R.T.: 7.518 min
Delta R.T.: 0.002 min
Response: 330237956
Conc: 255.13 ng/ml



#20 Methoxychlor

R.T.: 6.609 min
Delta R.T.: 0.001 min
Response: 121758790
Conc: 263.07 ng/ml



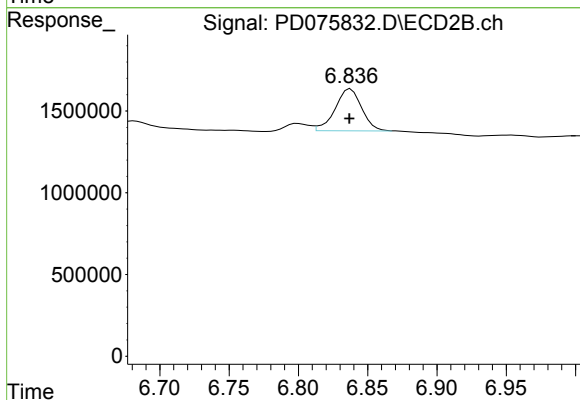
#21 Endrin ketone

R.T.: 7.662 min
Delta R.T.: 0.000 min
Response: 6201314
Conc: 2.23 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

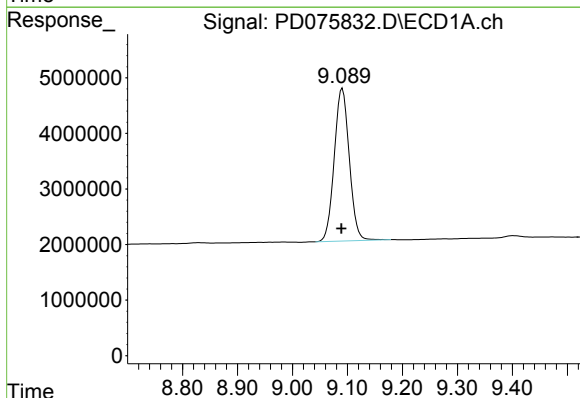
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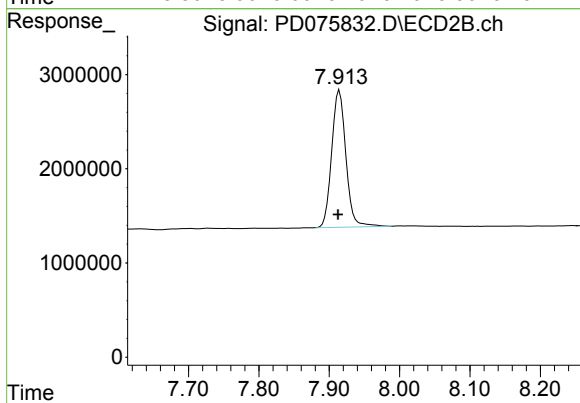
#21 Endrin ketone

R.T.: 6.836 min
Delta R.T.: 0.000 min
Response: 3415994
Conc: 2.81 ng/ml m



#28 Decachlorobiphenyl

R.T.: 9.091 min
Delta R.T.: 0.002 min
Response: 52211944
Conc: 20.61 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.915 min
Delta R.T.: 0.002 min
Response: 20385893
Conc: 20.85 ng/ml