

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD121421\
 Data File : PD067306.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 14 Dec 2021 15:06
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 12/15/2021
 Supervised By :Ankita Jodhani 12/15/2021

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 15 04:35:22 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD121421.M
 Quant Title : GC Extractables
 QLast Update : Wed Dec 15 04:06:22 2021
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
 Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds							
1)	SA Tetrachlo...	3.434	3.964	35860545	180.8E6	19.601	20.490
28)	SA Decachlor...	8.155	9.021	19307935	90621403	20.944	20.386
Target Compounds							
2)	A alpha-BHC	3.871	4.358	27074801	123.3E6	8.997	9.907
3)	MA gamma-BHC...	4.152	4.642	26599664	106.8E6	9.518	9.784
6)	B beta-BHC	4.401	4.821	13068436	53241586	10.586	11.312
12)	B 4,4'-DDE	5.574	6.299	711255	2149212	0.310m	0.320m
14)	MA Endrin	5.964	6.669	103.0E6	279.1E6	47.558	46.347
16)	A 4,4'-DDD	6.089	6.795	1078769	3270673	0.609m	0.607m
17)	MA 4,4'-DDT	6.328	7.092	177.9E6	461.2E6	96.785	84.368
18)	B Endrin al...	6.402	7.008	986201	1027966	0.681m	0.237m#
20)	A Methoxychlor	6.875	7.555	207.1E6	574.9E6	213.993	197.339
21)	B Endrin ke...	7.108	7.702	2191328	4293054	1.166	0.695m#

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

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Data File : PD067306.D
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Acq On : 14 Dec 2021 15:06
Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

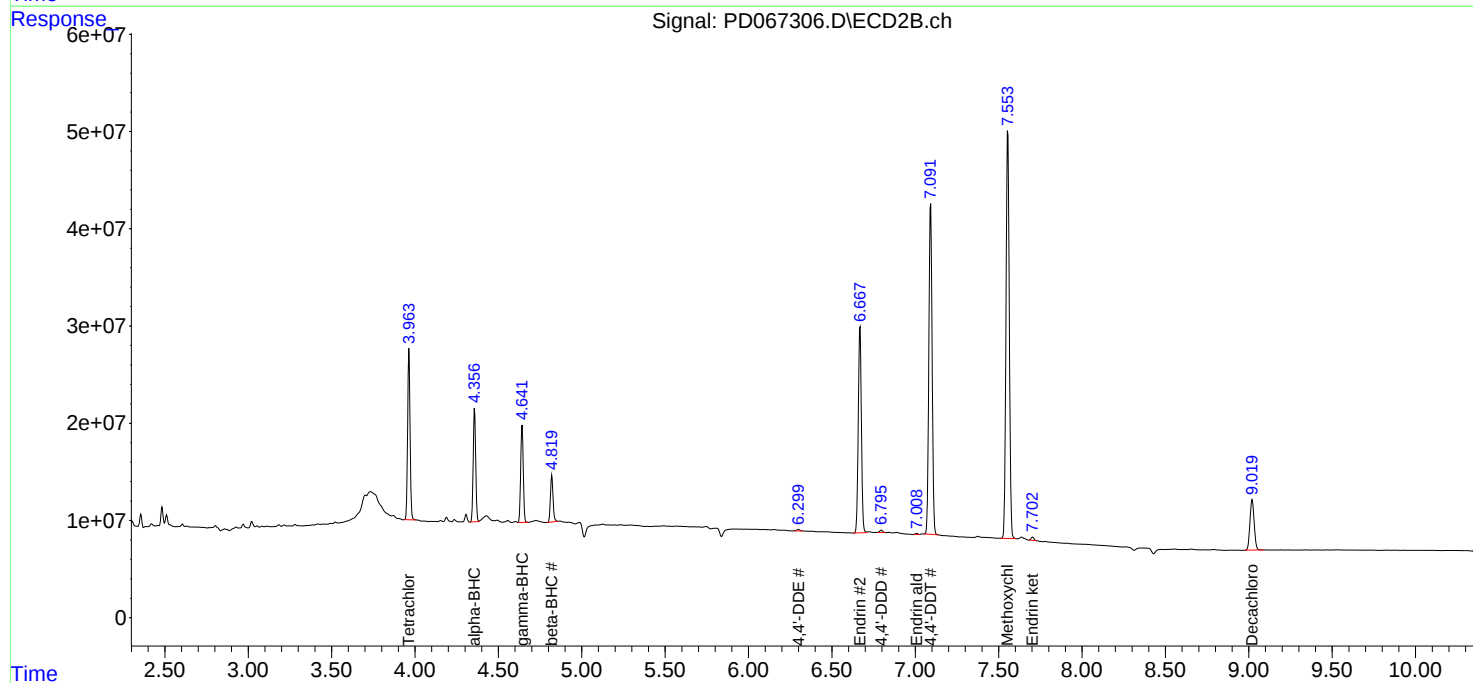
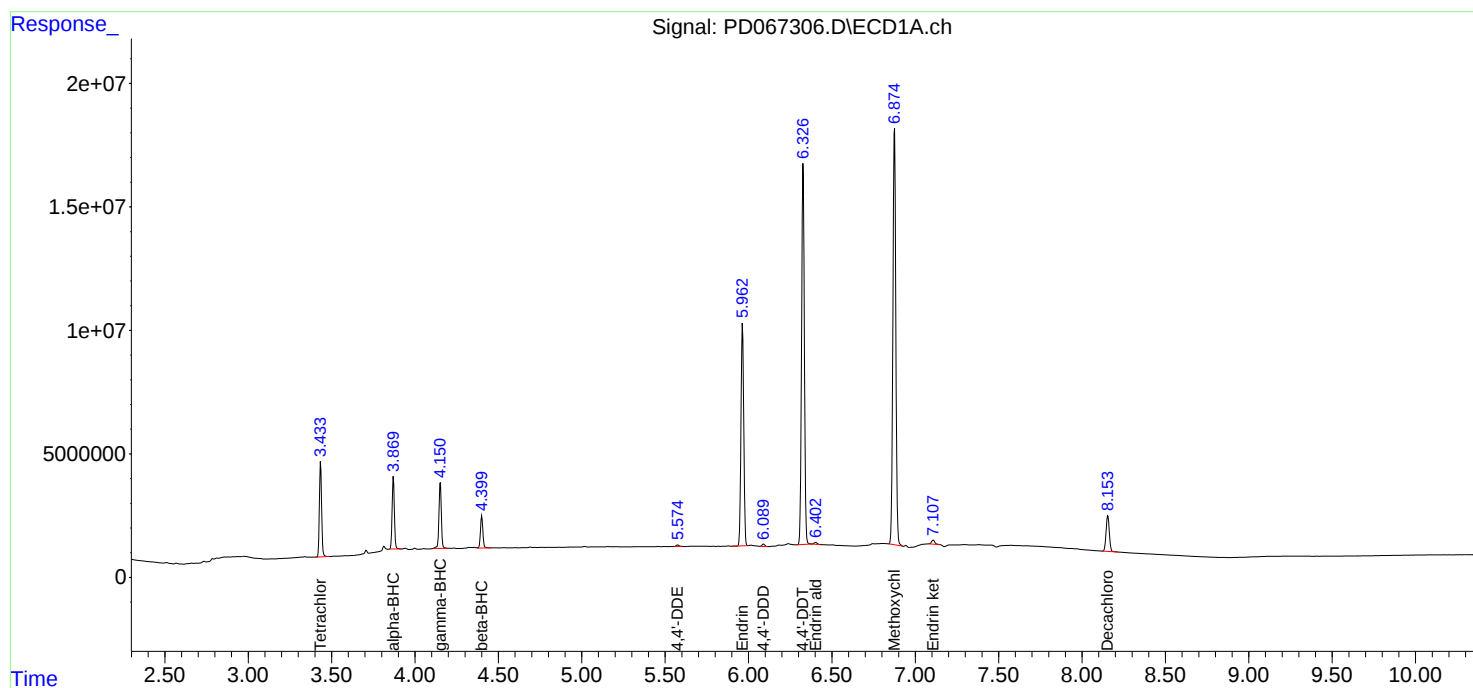
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ClientSampleId :
PEM

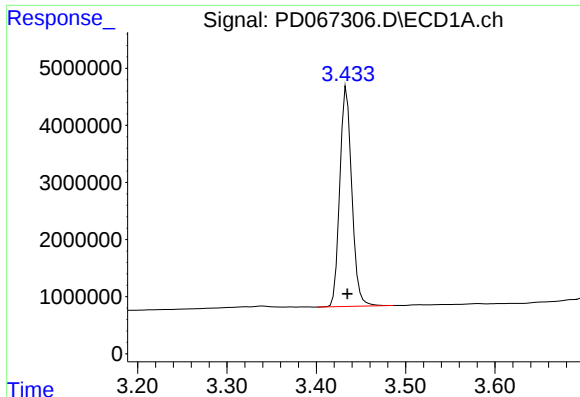
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Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Dec 15 04:35:22 2021
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD121421.M
Quant Title : GC Extractables
QLast Update : Wed Dec 15 04:06:22 2021
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Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x 0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm





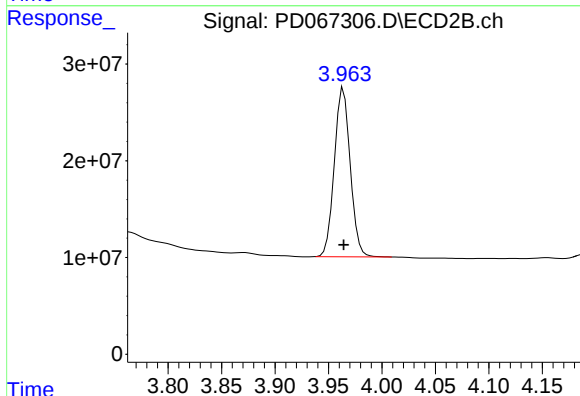
#1 Tetrachloro-m-xylene

R.T.: 3.434 min
Delta R.T.: 0.000 min
Response: 35860545
Conc: 19.60 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

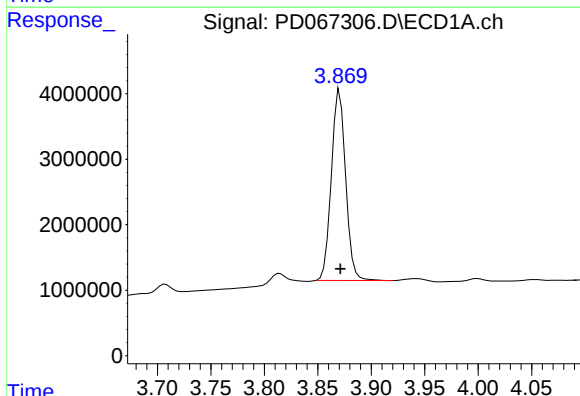
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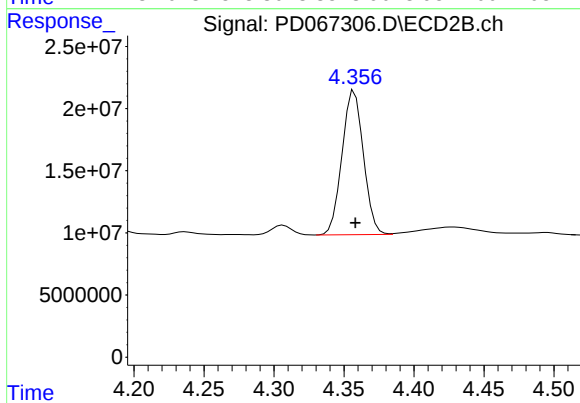
#1 Tetrachloro-m-xylene

R.T.: 3.964 min
Delta R.T.: 0.000 min
Response: 180797992
Conc: 20.49 ng/ml



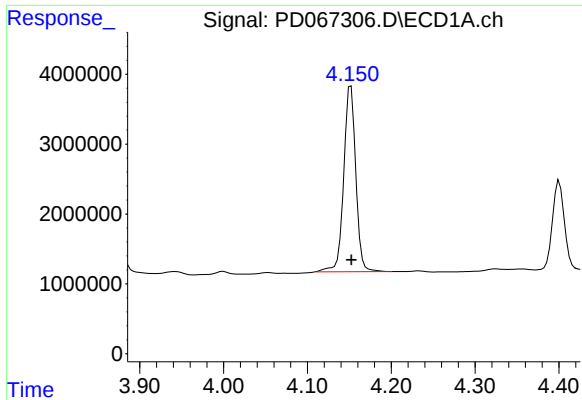
#2 alpha-BHC

R.T.: 3.871 min
Delta R.T.: 0.000 min
Response: 27074801
Conc: 9.00 ng/ml



#2 alpha-BHC

R.T.: 4.358 min
Delta R.T.: 0.000 min
Response: 123324434
Conc: 9.91 ng/ml



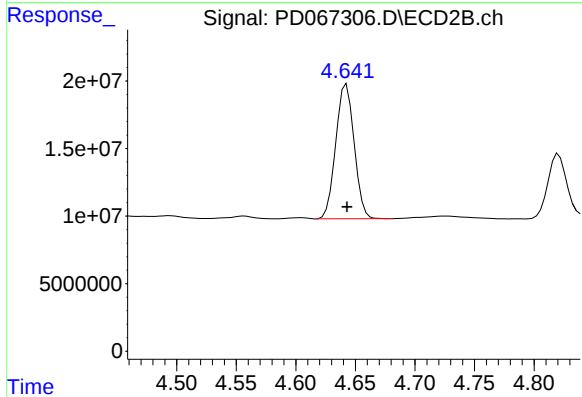
#3 gamma-BHC (Lindane)

R.T.: 4.152 min
Delta R.T.: 0.000 min
Response: 26599664
Conc: 9.52 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

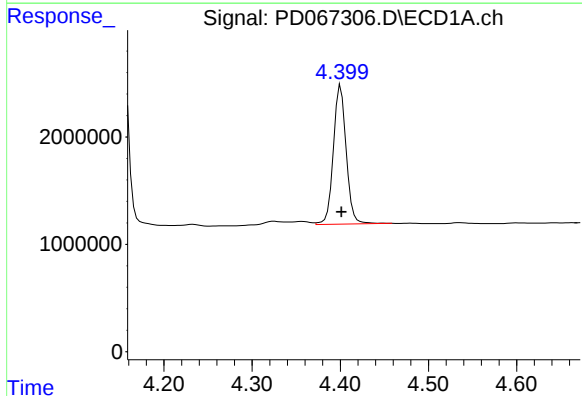
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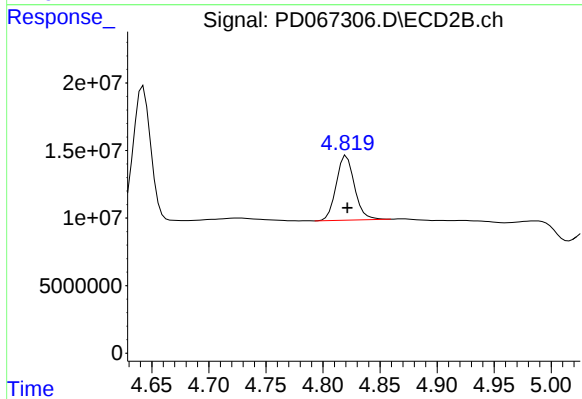
#3 gamma-BHC (Lindane)

R.T.: 4.642 min
Delta R.T.: 0.000 min
Response: 106843549
Conc: 9.78 ng/ml



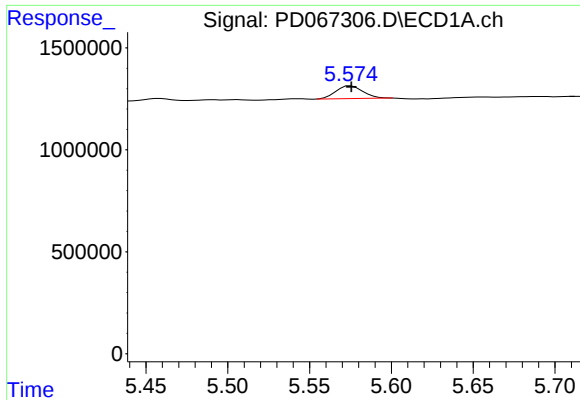
#6 beta-BHC

R.T.: 4.401 min
Delta R.T.: 0.000 min
Response: 13068436
Conc: 10.59 ng/ml



#6 beta-BHC

R.T.: 4.821 min
Delta R.T.: 0.000 min
Response: 53241586
Conc: 11.31 ng/ml



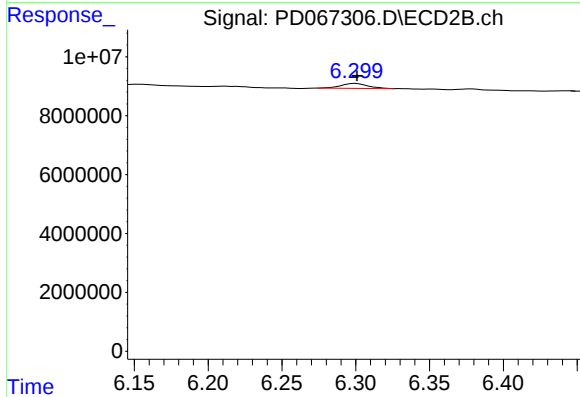
#12 4,4'-DDE

R.T.: 5.574 min
Delta R.T.: -0.002 min
Response: 711255
Conc: 0.31 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

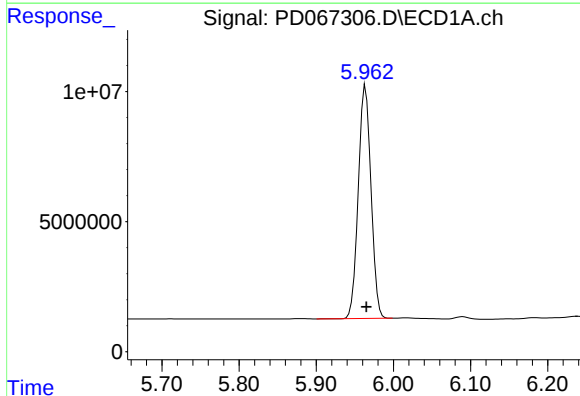
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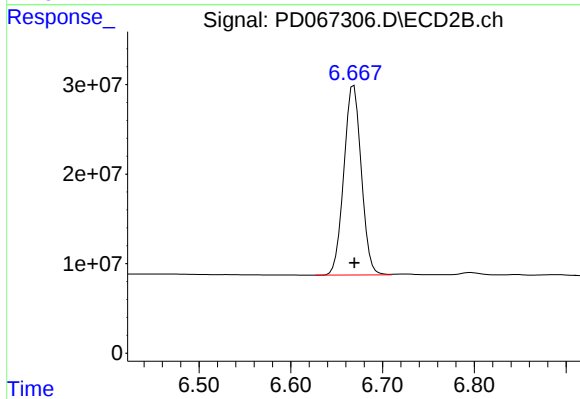
#12 4,4'-DDE

R.T.: 6.299 min
Delta R.T.: -0.002 min
Response: 2149212
Conc: 0.32 ng/ml m



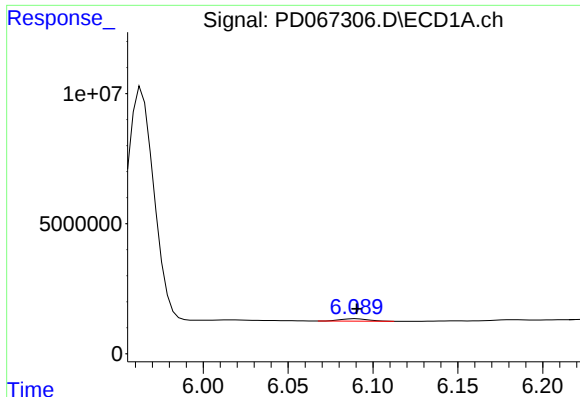
#14 Endrin

R.T.: 5.964 min
Delta R.T.: 0.000 min
Response: 102950360
Conc: 47.56 ng/ml



#14 Endrin

R.T.: 6.669 min
Delta R.T.: 0.000 min
Response: 279135590
Conc: 46.35 ng/ml



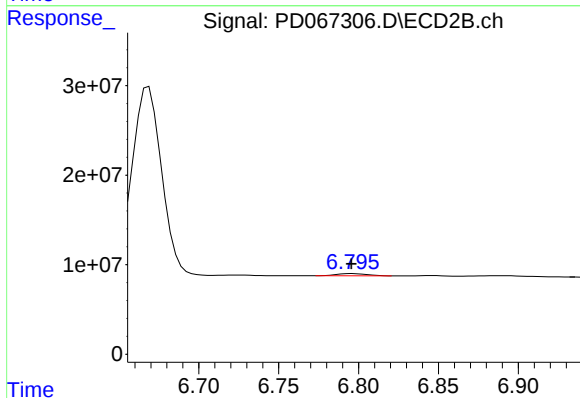
#16 4,4'-DDD

R.T.: 6.089 min
Delta R.T.: -0.002 min
Response: 1078769
Conc: 0.61 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

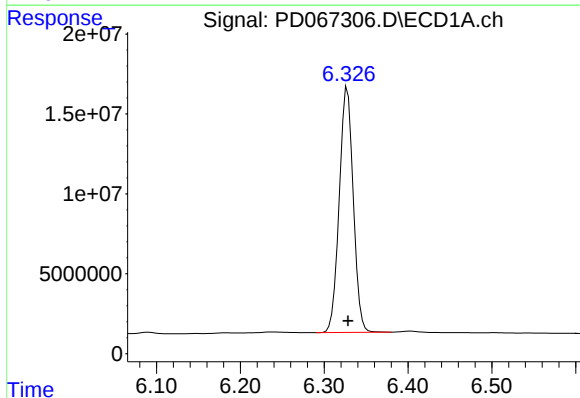
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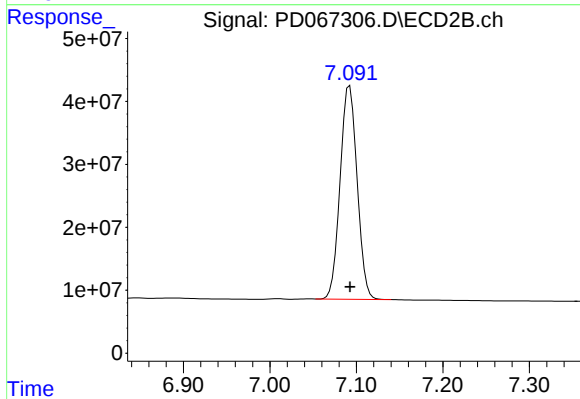
#16 4,4'-DDD

R.T.: 6.795 min
Delta R.T.: 0.000 min
Response: 3270673
Conc: 0.61 ng/ml m



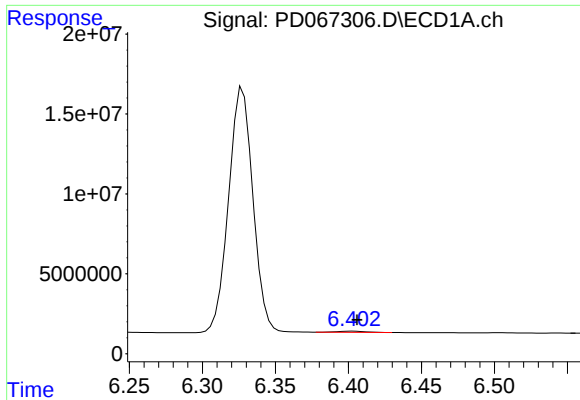
#17 4,4'-DDT

R.T.: 6.328 min
Delta R.T.: 0.000 min
Response: 177943505
Conc: 96.79 ng/ml



#17 4,4'-DDT

R.T.: 7.092 min
Delta R.T.: 0.000 min
Response: 461170072
Conc: 84.37 ng/ml



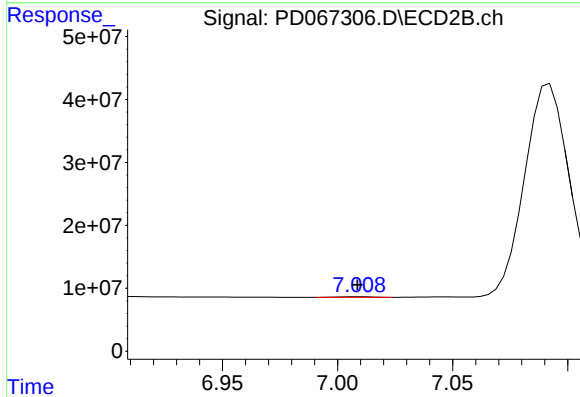
#18 Endrin aldehyde

R.T.: 6.402 min
Delta R.T.: -0.004 min
Response: 986201
Conc: 0.68 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

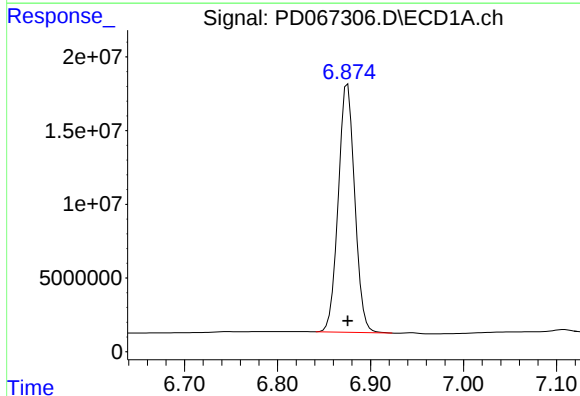
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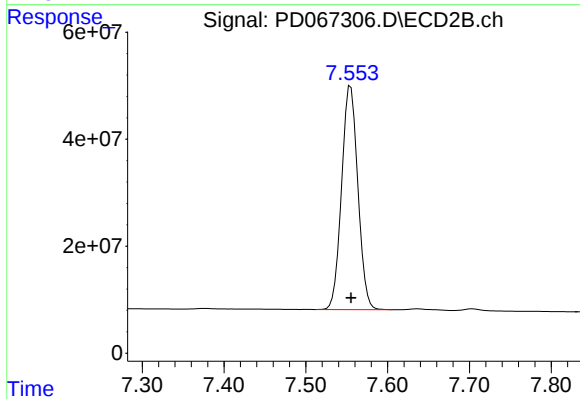
#18 Endrin aldehyde

R.T.: 7.008 min
Delta R.T.: 0.000 min
Response: 1027966
Conc: 0.24 ng/ml m



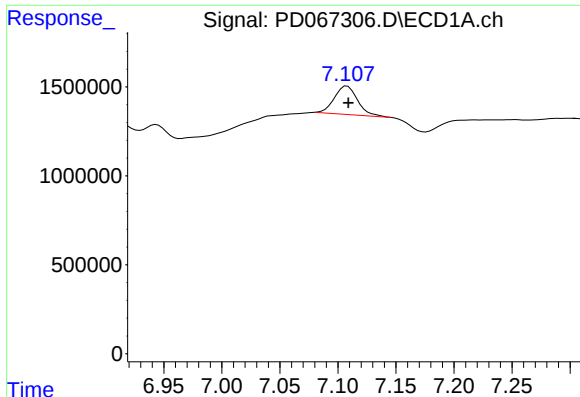
#20 Methoxychlor

R.T.: 6.875 min
Delta R.T.: 0.000 min
Response: 207072752
Conc: 213.99 ng/ml



#20 Methoxychlor

R.T.: 7.555 min
Delta R.T.: 0.000 min
Response: 574932723
Conc: 197.34 ng/ml



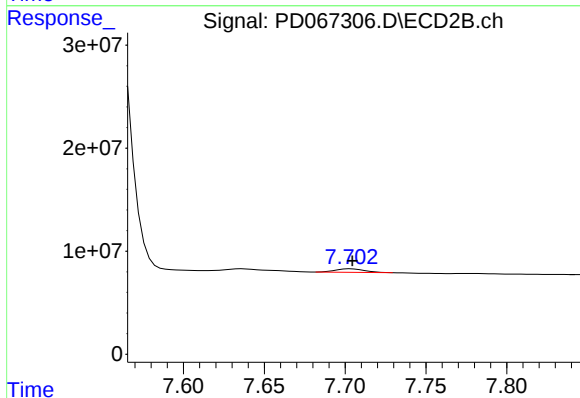
#21 Endrin ketone

R.T.: 7.108 min
Delta R.T.: 0.000 min
Response: 2191328
Conc: 1.17 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

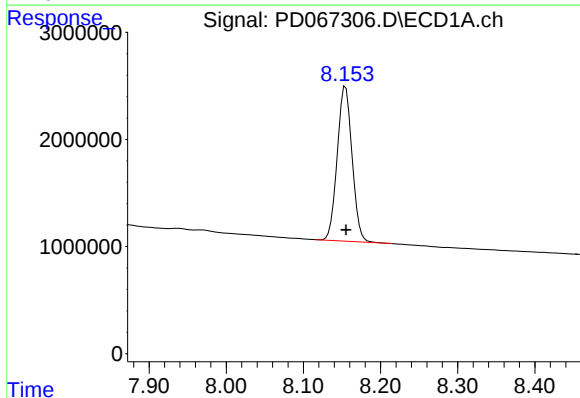
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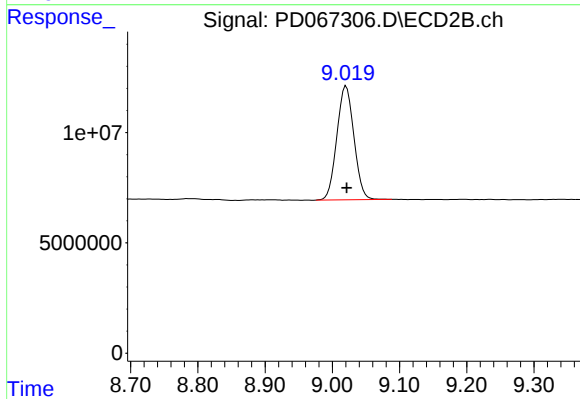
#21 Endrin ketone

R.T.: 7.702 min
Delta R.T.: -0.002 min
Response: 4293054
Conc: 0.69 ng/ml m



#28 Decachlorobiphenyl

R.T.: 8.155 min
Delta R.T.: 0.000 min
Response: 19307935
Conc: 20.94 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.021 min
Delta R.T.: 0.000 min
Response: 90621403
Conc: 20.39 ng/ml