

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD032921\
 Data File : PD061815.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 29 Mar 2021 16:52
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PEM

Manual Integrations
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Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 30 05:55:52 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD032921.M
 Quant Title : GC Extractables
 QLast Update : Tue Mar 30 04:47:56 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...	3.485	3.982	15457579	163.6E6	18.461	18.833
28)	SA Decachlor...	8.257	9.041	23009917	179.2E6	18.701	18.981
Target Compounds							
2)	A alpha-BHC	3.924	4.370	11121551	120.6E6	8.806	8.966
3)	MA gamma-BHC...	4.210	4.655	10645332	118.1E6	8.966	9.468
6)	B beta-BHC	4.459	4.824	5377297	49295389	9.861	9.544
12)	B 4,4'-DDE	5.655	6.317	300440	3664927	0.267m	0.318
14)	MA Endrin	6.050	6.685	47561333	456.8E6	46.288	46.159
16)	A 4,4'-DDD	6.172	6.808	806959	6657827	0.867m	0.703
17)	MA 4,4'-DDT	6.415	7.106	87651234	852.3E6	97.312	89.229
18)	B Endrin al...	6.489	7.012	399079	1815164	0.467m	0.231m#
20)	A Methoxychlor	6.962	7.563	108.0E6	994.3E6	228.567	220.578
21)	B Endrin ke...	7.198	7.709	1232553	7648247	0.966m	0.754

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

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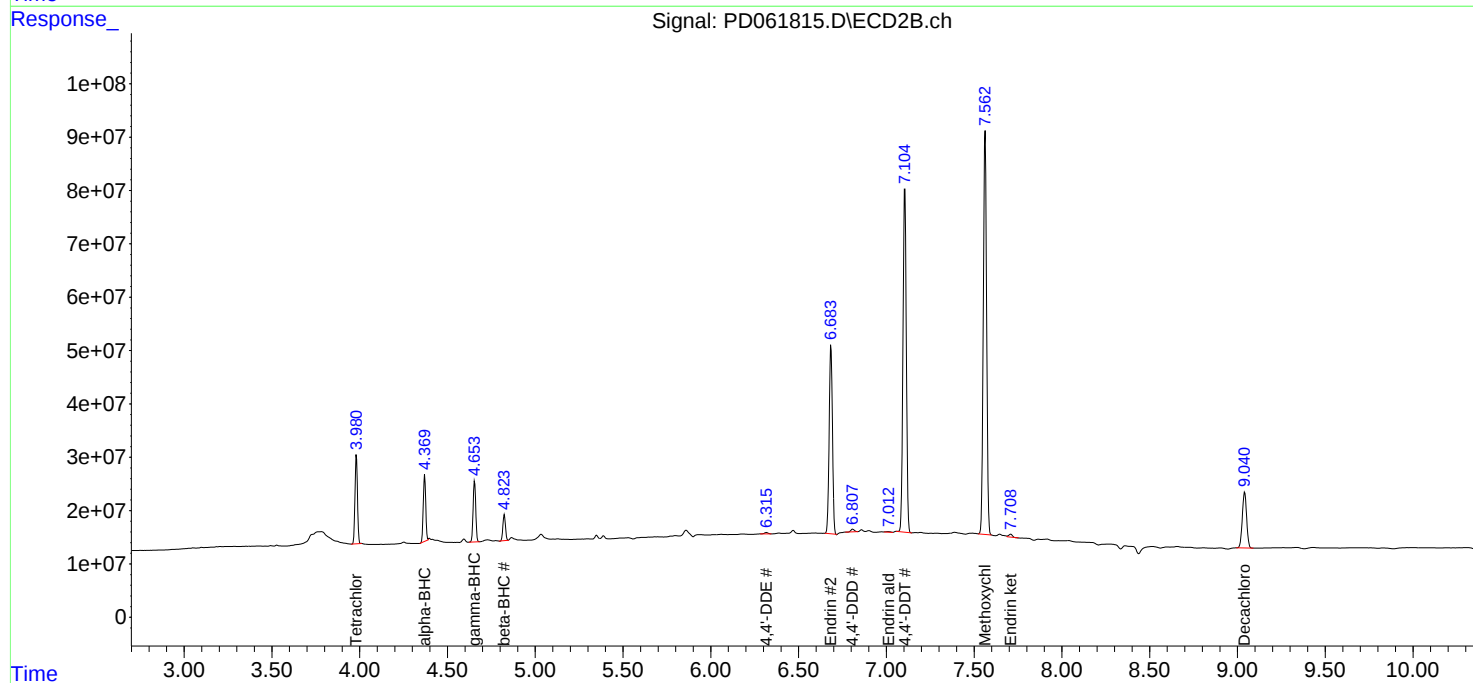
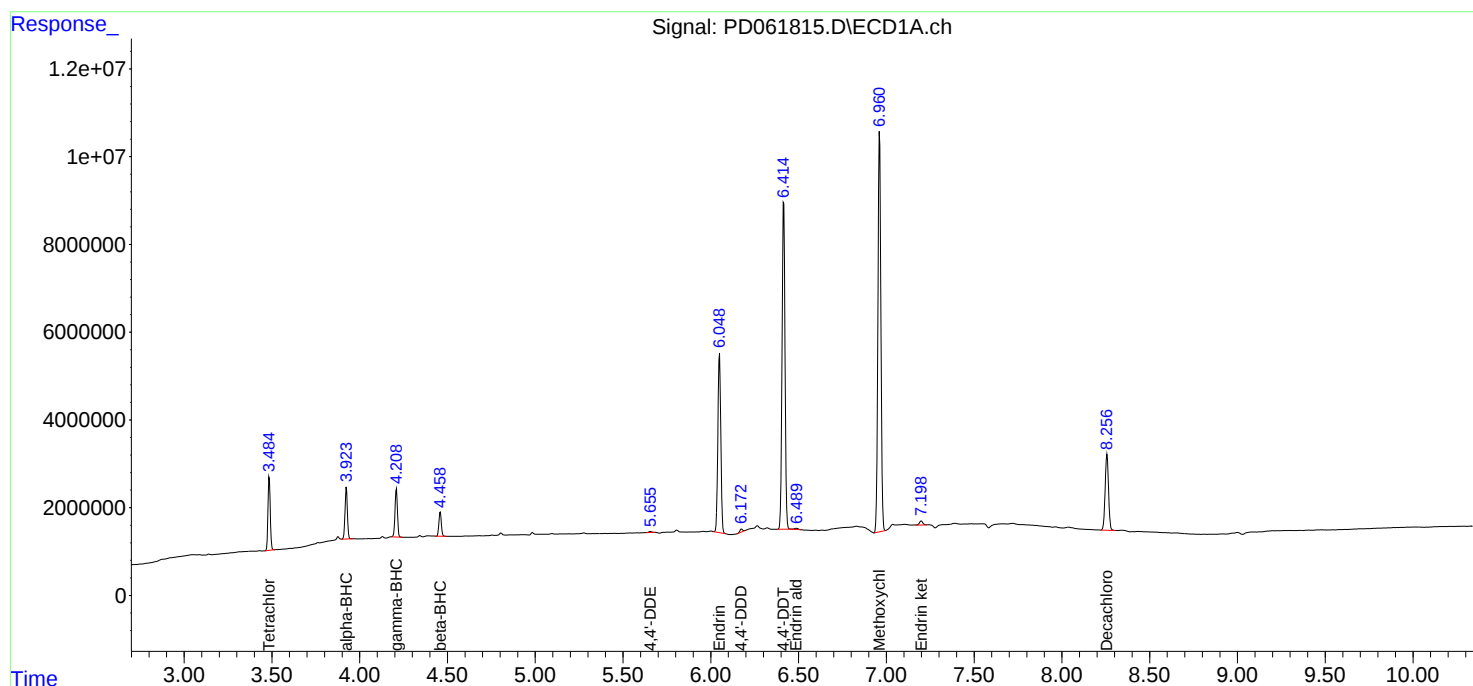
Instrument :
ECD_D
ClientSampleId :
PEM

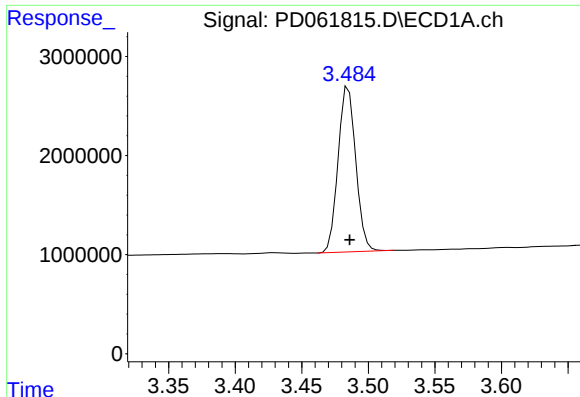
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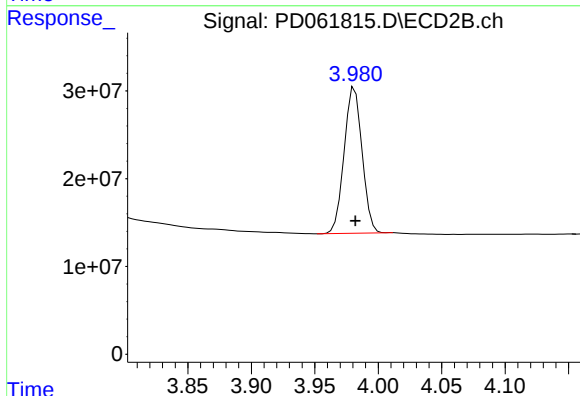
#1 Tetrachloro-m-xylene

R.T.: 3.485 min
Delta R.T.: 0.000 min
Response: 15457579
Conc: 18.46 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

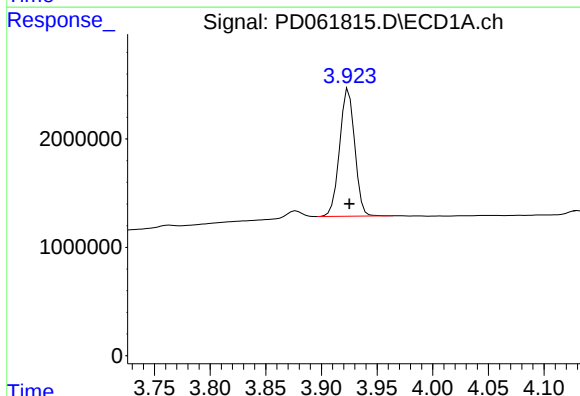
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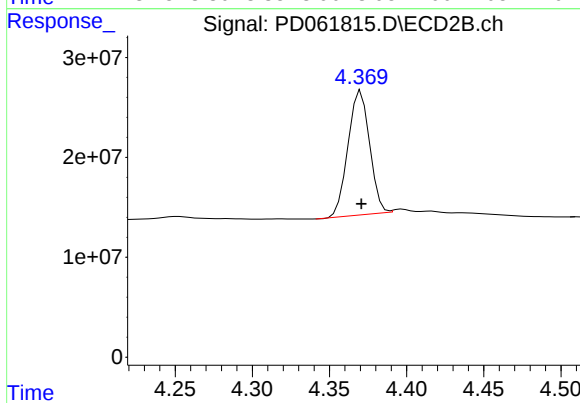
#1 Tetrachloro-m-xylene

R.T.: 3.982 min
Delta R.T.: 0.000 min
Response: 163640006
Conc: 18.83 ng/ml



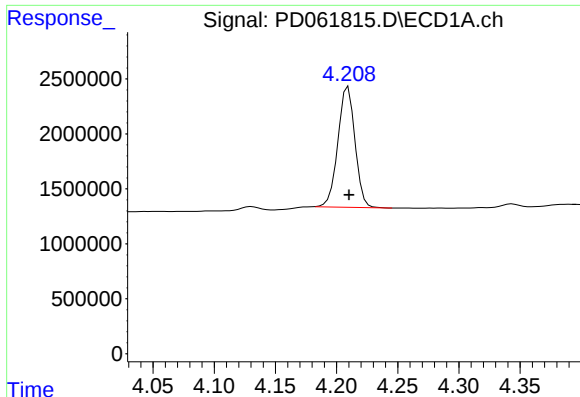
#2 alpha-BHC

R.T.: 3.924 min
Delta R.T.: 0.000 min
Response: 11121551
Conc: 8.81 ng/ml



#2 alpha-BHC

R.T.: 4.370 min
Delta R.T.: 0.000 min
Response: 120604827
Conc: 8.97 ng/ml



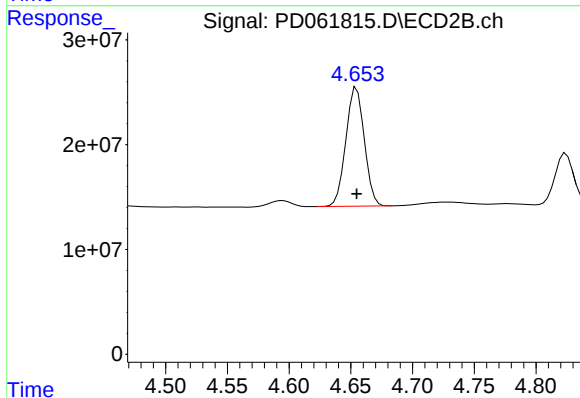
#3 gamma-BHC (Lindane)

R.T.: 4.210 min
Delta R.T.: 0.000 min
Response: 10645332
Conc: 8.97 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

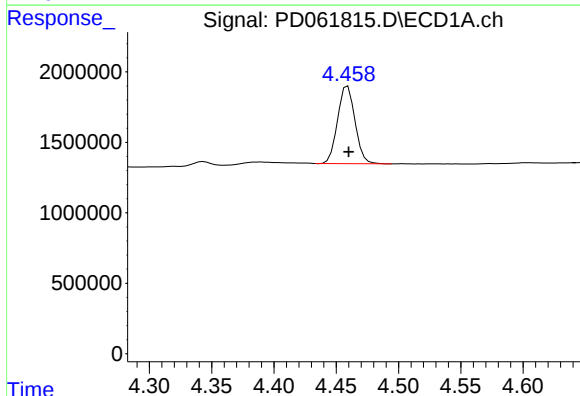
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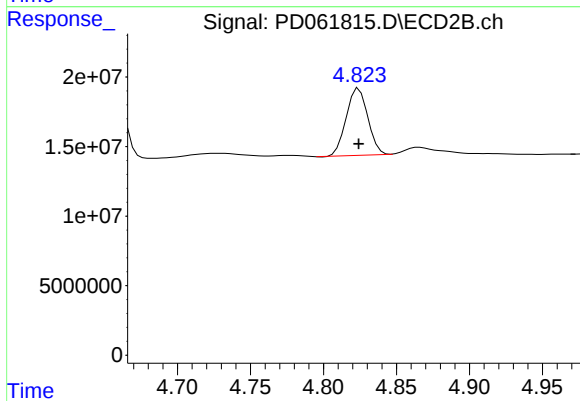
#3 gamma-BHC (Lindane)

R.T.: 4.655 min
Delta R.T.: 0.000 min
Response: 118097169
Conc: 9.47 ng/ml



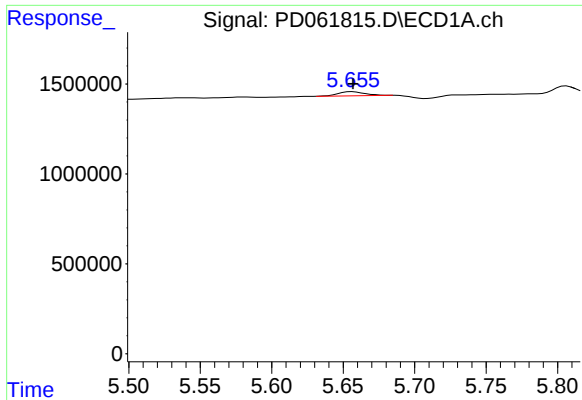
#6 beta-BHC

R.T.: 4.459 min
Delta R.T.: 0.000 min
Response: 5377297
Conc: 9.86 ng/ml



#6 beta-BHC

R.T.: 4.824 min
Delta R.T.: 0.000 min
Response: 49295389
Conc: 9.54 ng/ml



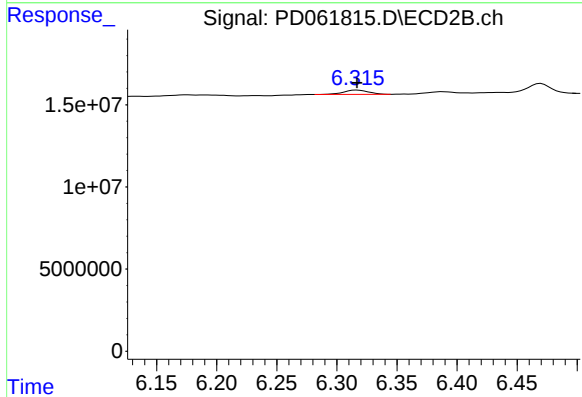
#12 4,4'-DDE

R.T.: 5.655 min
Delta R.T.: -0.002 min
Response: 300440
Conc: 0.27 ng/ml m

Instrument :
ECD_D
ClientSampleId :
PEM

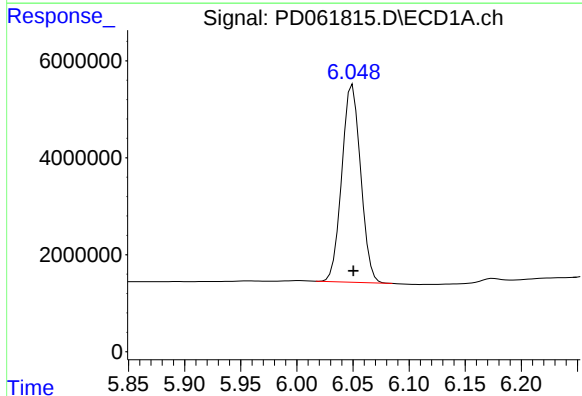
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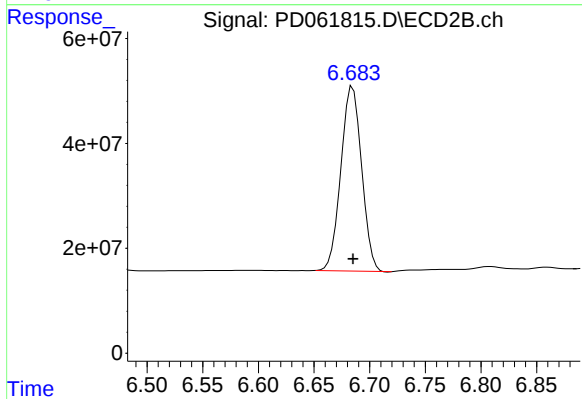
#12 4,4'-DDE

R.T.: 6.317 min
Delta R.T.: 0.000 min
Response: 3664927
Conc: 0.32 ng/ml



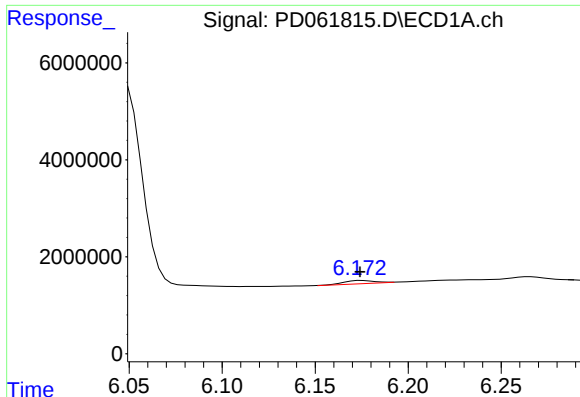
#14 Endrin

R.T.: 6.050 min
Delta R.T.: 0.000 min
Response: 47561333
Conc: 46.29 ng/ml



#14 Endrin

R.T.: 6.685 min
Delta R.T.: 0.000 min
Response: 456802103
Conc: 46.16 ng/ml



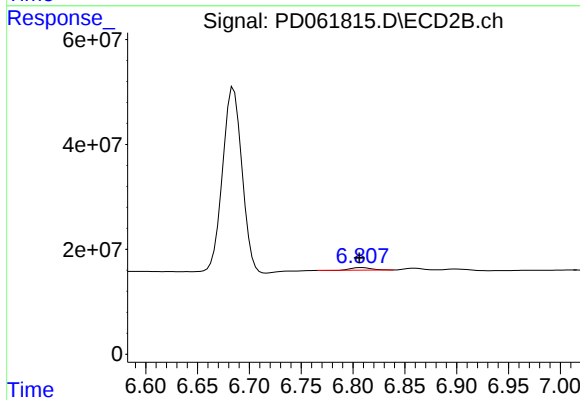
#16 4,4'-DDD

R.T.: 6.172 min
Delta R.T.: -0.002 min
Response: 806959
Conc: 0.87 ng/ml m

Instrument :
ECD_D
ClientSampleId :
PEM

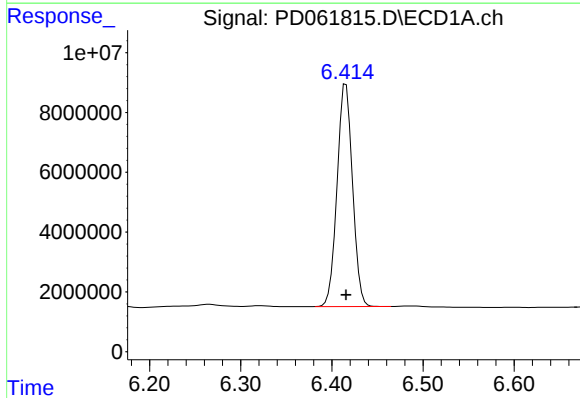
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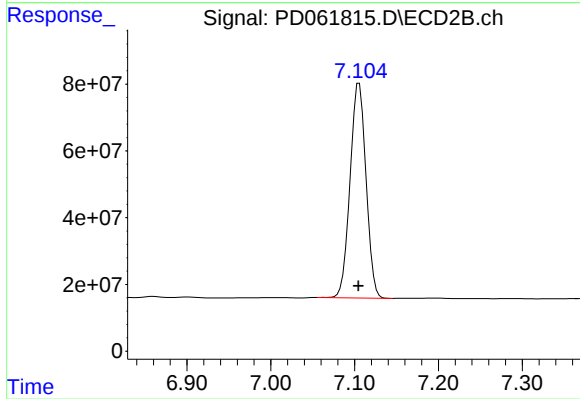
#16 4,4'-DDD

R.T.: 6.808 min
Delta R.T.: 0.002 min
Response: 6657827
Conc: 0.70 ng/ml



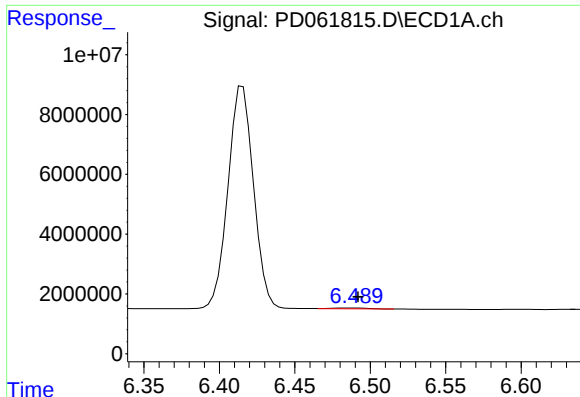
#17 4,4'-DDT

R.T.: 6.415 min
Delta R.T.: 0.000 min
Response: 87651234
Conc: 97.31 ng/ml



#17 4,4'-DDT

R.T.: 7.106 min
Delta R.T.: 0.000 min
Response: 852284141
Conc: 89.23 ng/ml



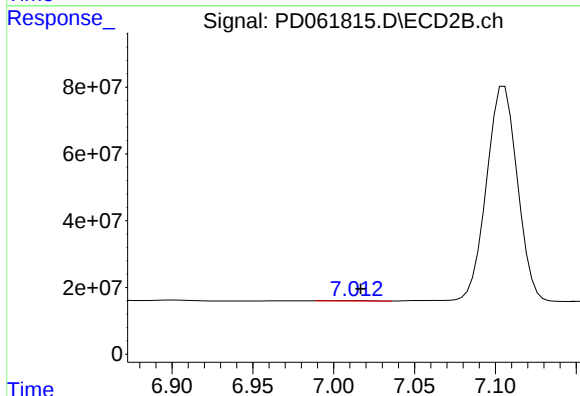
#18 Endrin aldehyde

R.T.: 6.489 min
Delta R.T.: -0.003 min
Response: 399079
Conc: 0.47 ng/ml m

Instrument :
ECD_D
ClientSampleId :
PEM

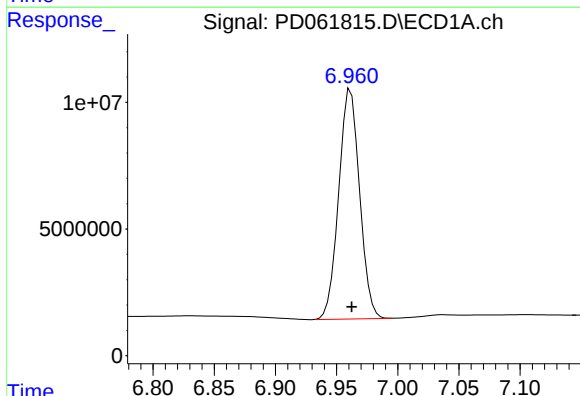
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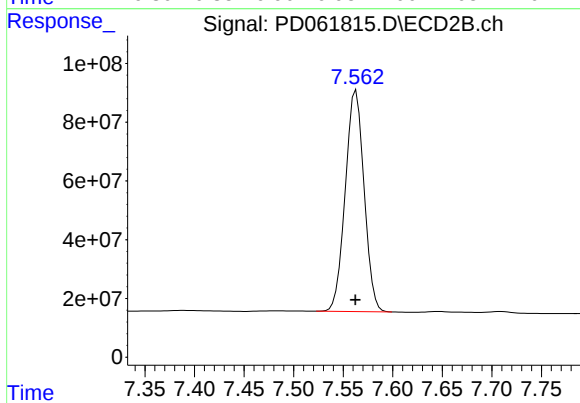
#18 Endrin aldehyde

R.T.: 7.012 min
Delta R.T.: -0.004 min
Response: 1815164
Conc: 0.23 ng/ml m



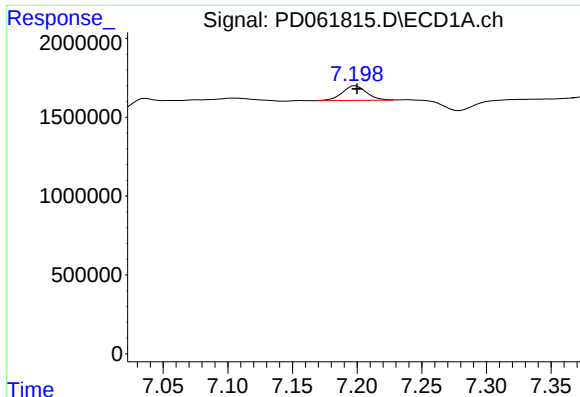
#20 Methoxychlor

R.T.: 6.962 min
Delta R.T.: 0.000 min
Response: 107998221
Conc: 228.57 ng/ml



#20 Methoxychlor

R.T.: 7.563 min
Delta R.T.: 0.000 min
Response: 994345989
Conc: 220.58 ng/ml



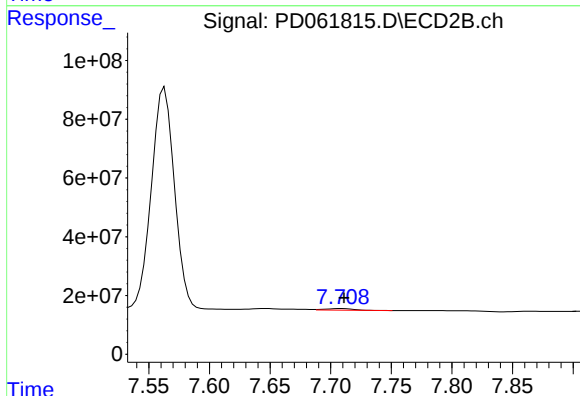
#21 Endrin ketone

R.T.: 7.198 min
Delta R.T.: -0.002 min
Response: 1232553
Conc: 0.97 ng/ml m

Instrument :
ECD_D
ClientSampleId :
PEM

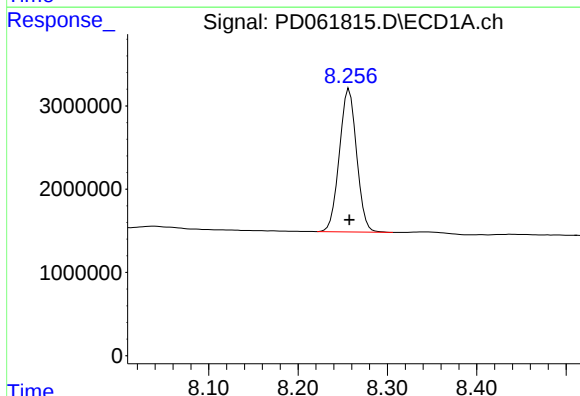
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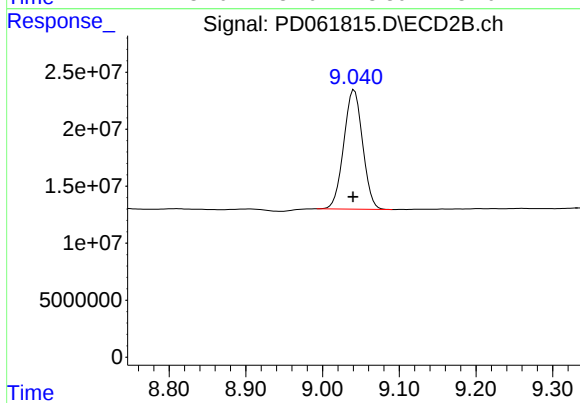
#21 Endrin ketone

R.T.: 7.709 min
Delta R.T.: -0.002 min
Response: 7648247
Conc: 0.75 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.257 min
Delta R.T.: 0.000 min
Response: 23009917
Conc: 18.70 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.041 min
Delta R.T.: 0.001 min
Response: 179194114
Conc: 18.98 ng/ml