

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD D\Data\PD072718\
 Data File : PD048558.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 27 Jul 2018 17:13
 Operator : AJ\SJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PEM

Manual Integrations
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 7/30/2018 1:26:04 PM

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 28 00:36:48 2018
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD072718.M
 Quant Title : GC Extractables
 QLast Update : Sat Jul 28 00:24:24 2018
 Response via : Initial Calibration
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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...	3.371	3.969	23110587	329.2E6	19.710	20.536
28) SA Decachlor...	8.070	8.995	30587875	353.6E6	20.032	20.845
Target Compounds						
2) A alpha-BHC	3.802	4.349	18634139	272.7E6	9.144	9.849
3) MA gamma-BHC...	4.080	4.630	21312830	260.4E6	11.213	10.433
6) B beta-BHC	4.328	4.790	7046418	97678391	9.269	9.773
12) B 4,4'-DDE	5.498	6.286	191573	7048885	0.114m	0.362m#
14) MA Endrin	5.879	6.651	76067477	859.3E6	44.983	44.962
16) A 4,4'-DDD	6.009	6.769	466358	18463146	0.321m	1.252m#
17) MA 4,4'-DDT	6.247	7.069	152.4E6	1538.3E6	99.377	100.403
18) B Endrin al...	6.323	6.976	348969	8929700	0.275m	0.591m#
20) A Methoxychlor	6.798	7.523	193.9E6	1629.0E6	227.925	220.211
21) B Endrin ke...	7.024	7.663	813162	14925069	0.443	0.855m#

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

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Acq On : 27 Jul 2018 17:13
Operator : AJ\SJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

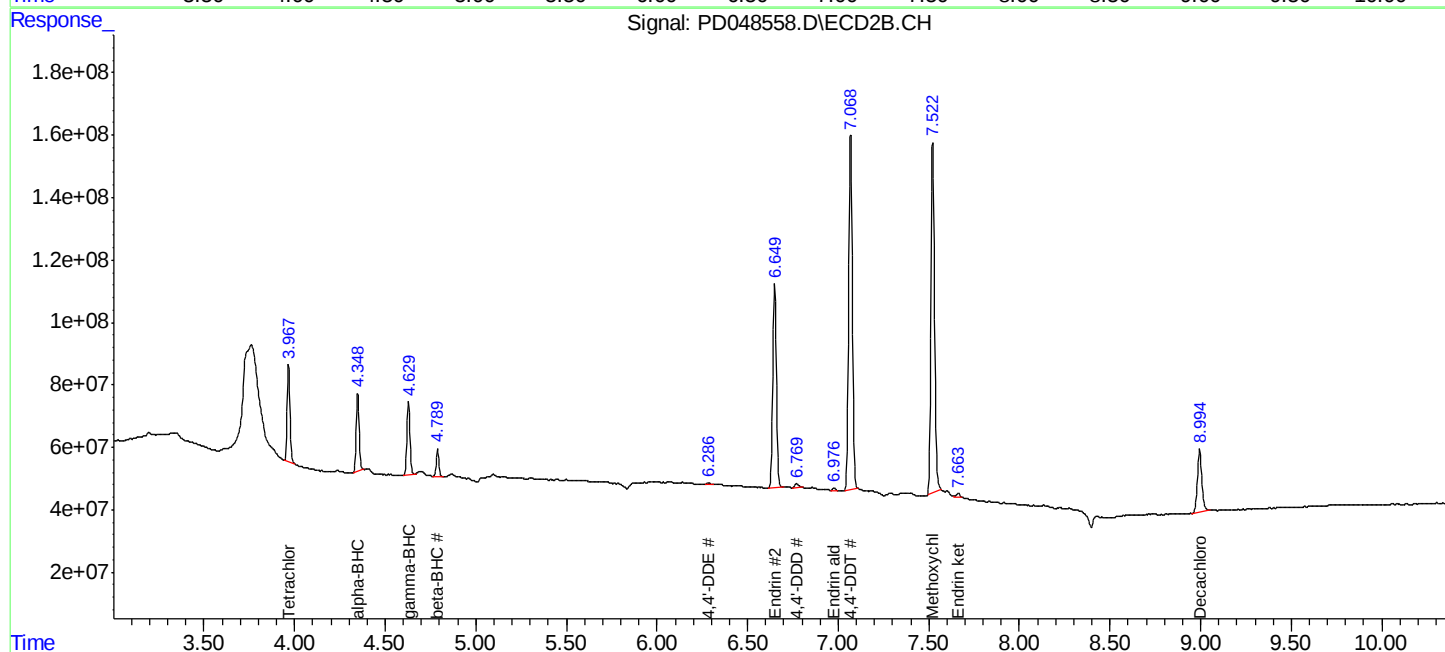
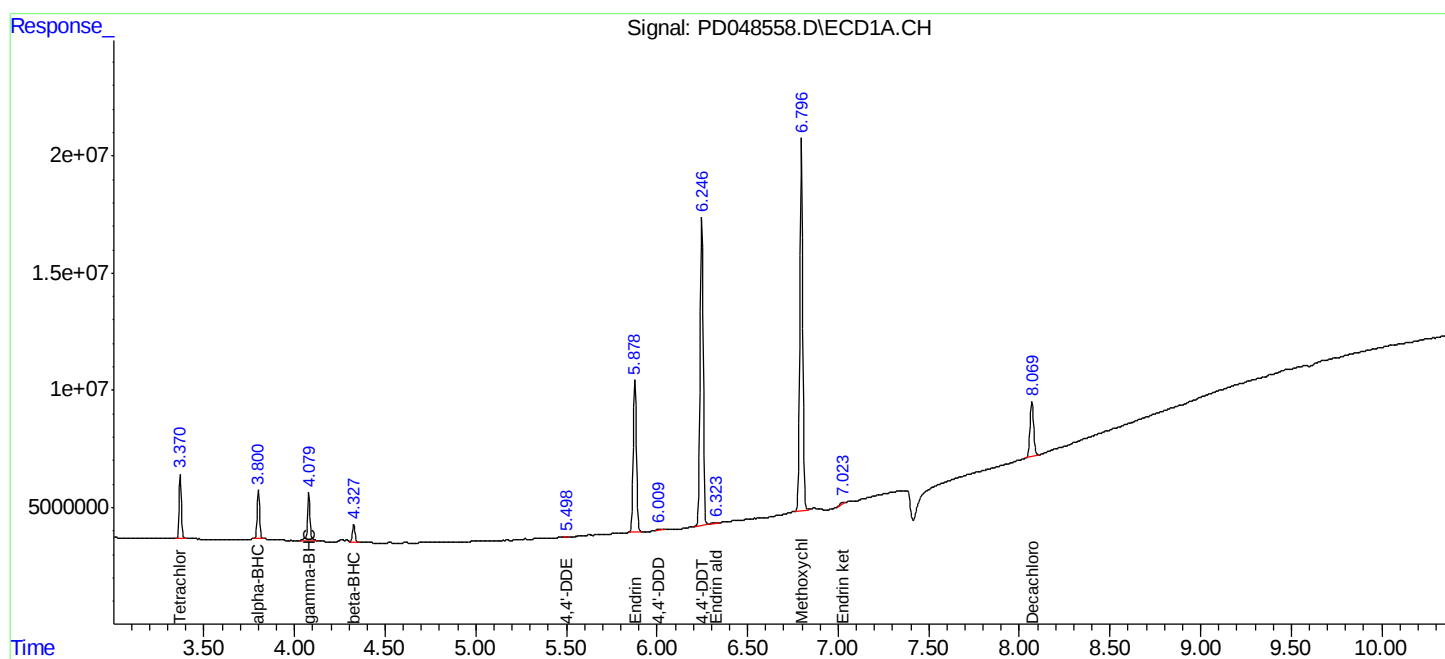
Instrument :
ECD_D
ClientSampled :
PEM

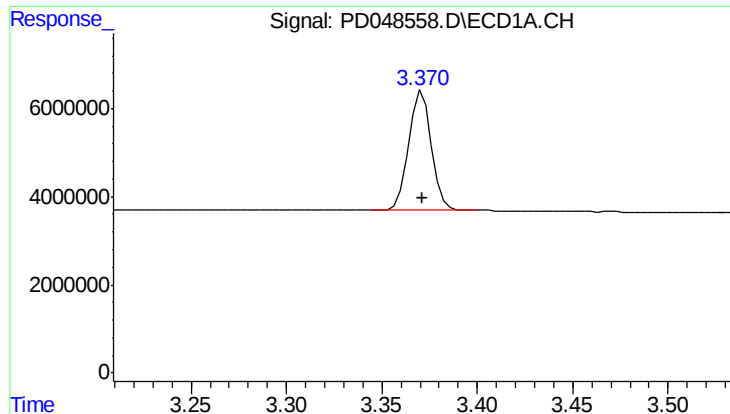
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Integration File signal 1: autoint1.e
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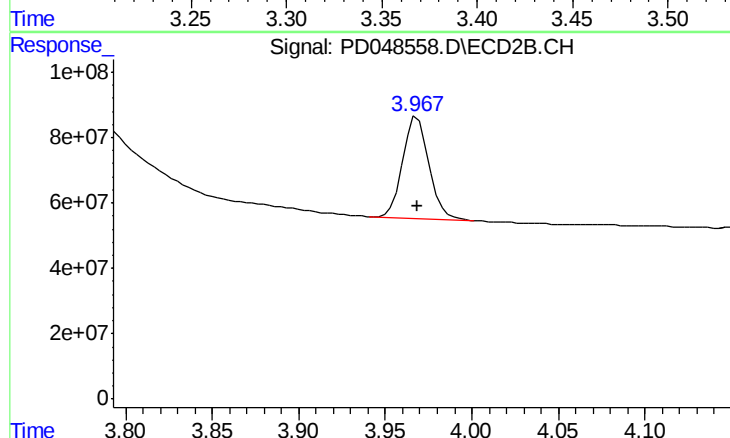
#1 Tetrachloro-m-xylene

R.T.: 3.371 min
Delta R.T.: 0.000 min
Response: 23110587
Conc: 19.71 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

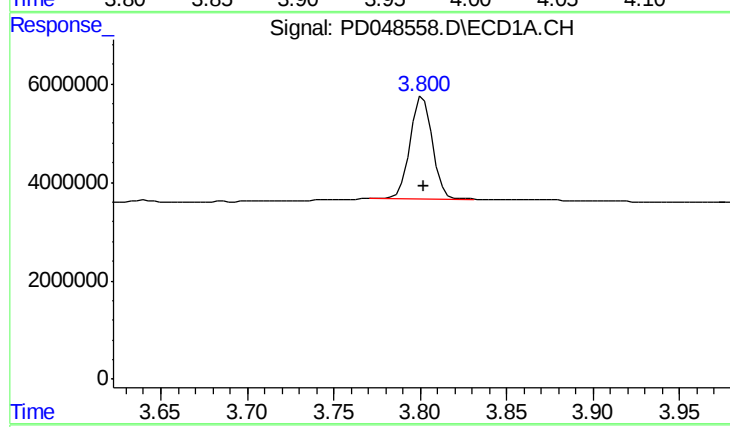
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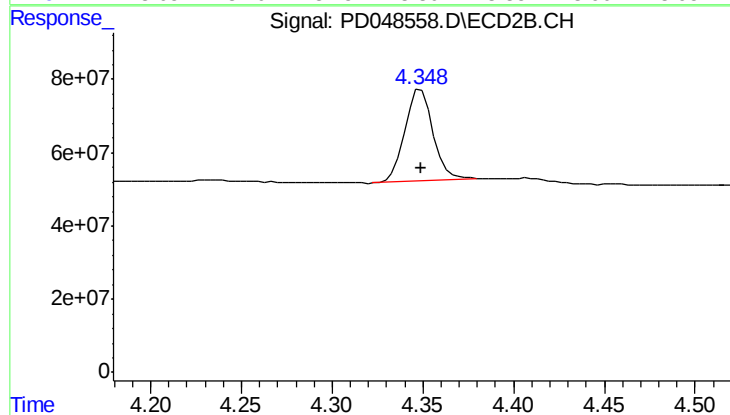
#1 Tetrachloro-m-xylene

R.T.: 3.969 min
Delta R.T.: 0.000 min
Response: 329193967
Conc: 20.54 ng/ml



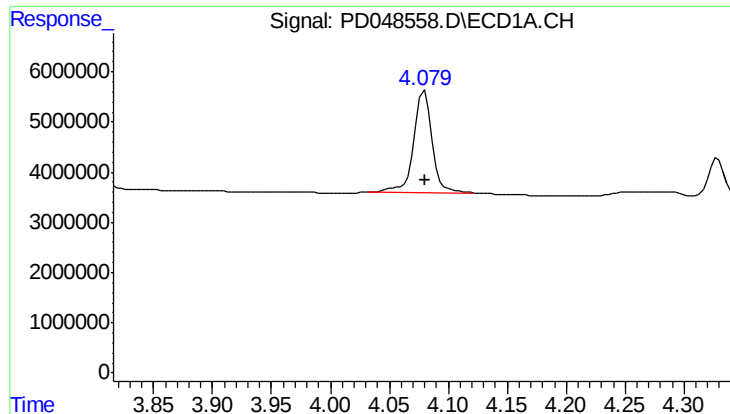
#2 alpha-BHC

R.T.: 3.802 min
Delta R.T.: 0.000 min
Response: 18634139
Conc: 9.14 ng/ml



#2 alpha-BHC

R.T.: 4.349 min
Delta R.T.: 0.000 min
Response: 272705431
Conc: 9.85 ng/ml



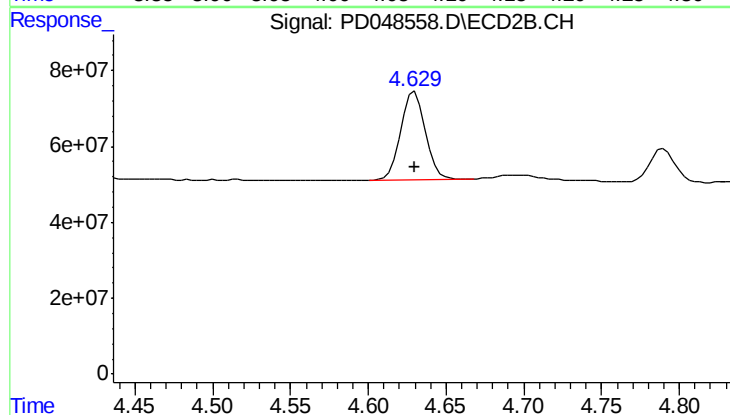
#3 gamma-BHC (Lindane)

R.T.: 4.080 min
Delta R.T.: 0.000 min
Response: 21312830
Conc: 11.21 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

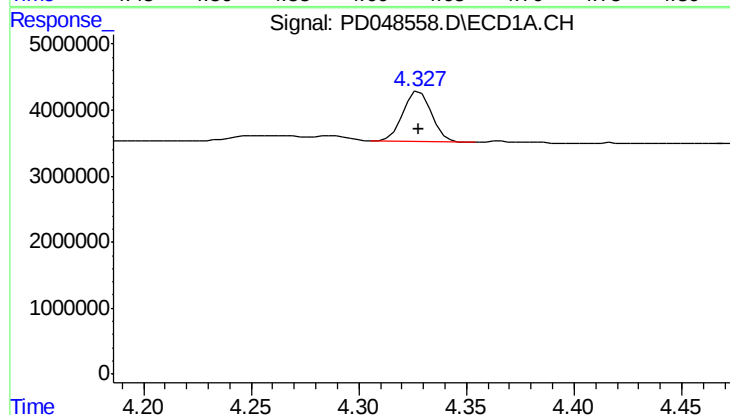
Manual Integrations
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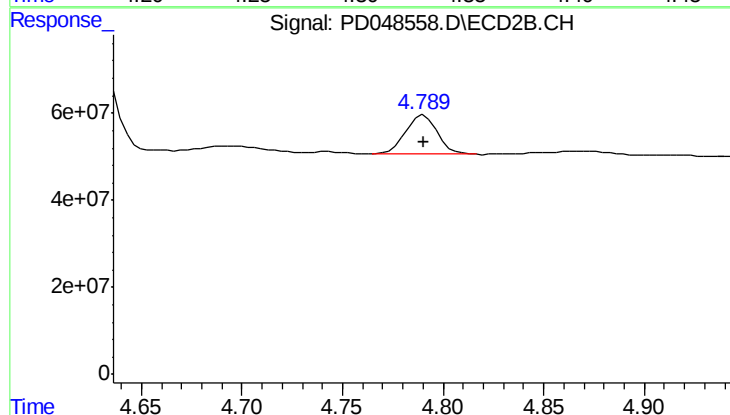
#3 gamma-BHC (Lindane)

R.T.: 4.630 min
Delta R.T.: 0.000 min
Response: 260398776
Conc: 10.43 ng/ml



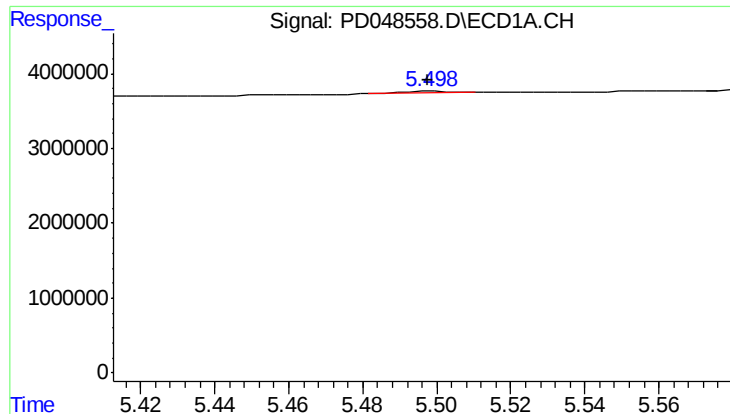
#6 beta-BHC

R.T.: 4.328 min
Delta R.T.: 0.000 min
Response: 7046418
Conc: 9.27 ng/ml



#6 beta-BHC

R.T.: 4.790 min
Delta R.T.: 0.000 min
Response: 97678391
Conc: 9.77 ng/ml



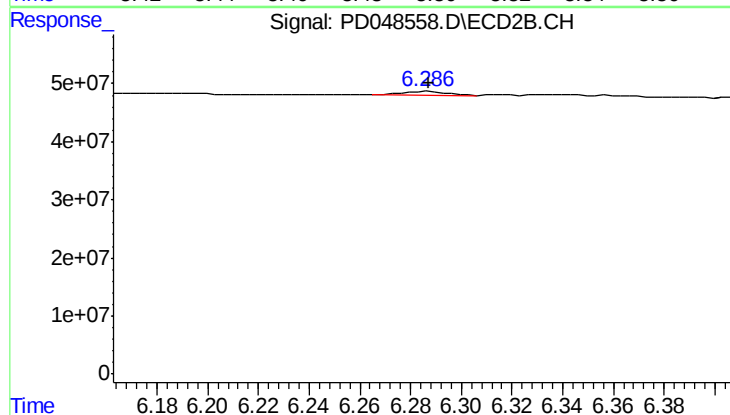
#12 4,4'-DDE

R.T.: 5.498 min
Delta R.T.: 0.000 min
Response: 191573
Conc: 0.11 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

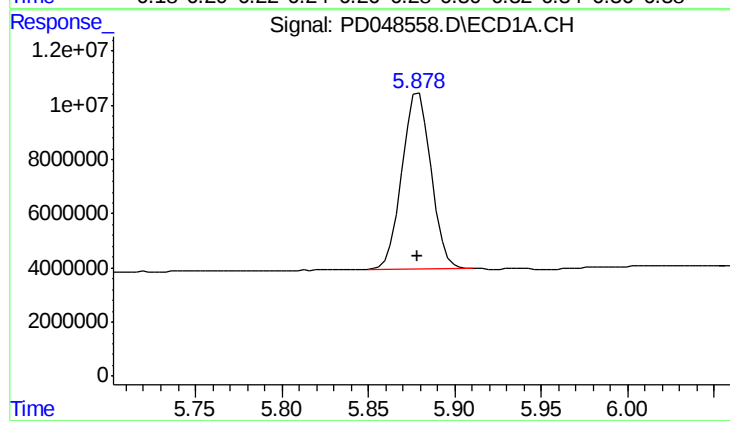
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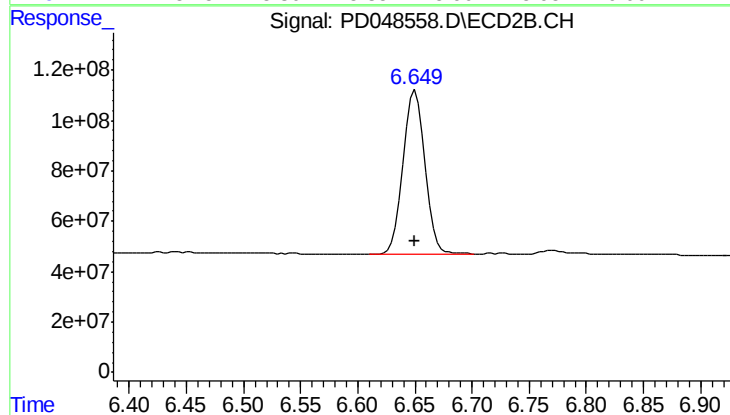
#12 4,4'-DDE

R.T.: 6.286 min
Delta R.T.: -0.002 min
Response: 7048885
Conc: 0.36 ng/ml m



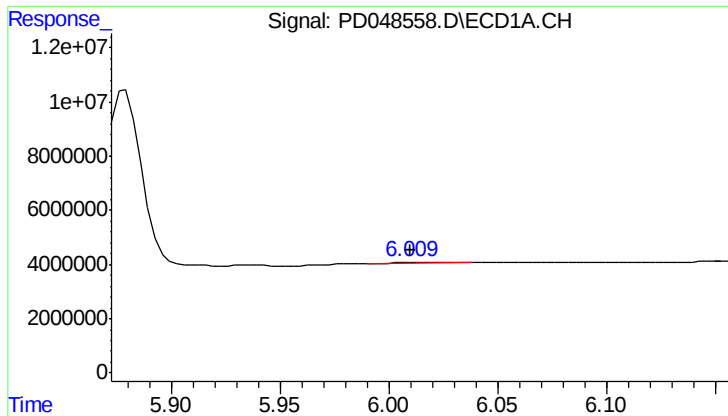
#14 Endrin

R.T.: 5.879 min
Delta R.T.: 0.000 min
Response: 76067477
Conc: 44.98 ng/ml



#14 Endrin

R.T.: 6.651 min
Delta R.T.: 0.000 min
Response: 859296804
Conc: 44.96 ng/ml



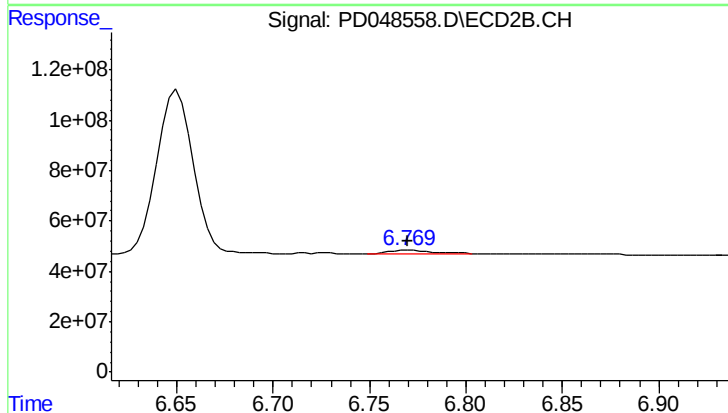
#16 4,4'-DDD

R.T.: 6.009 min
Delta R.T.: 0.000 min
Response: 466358
Conc: 0.32 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

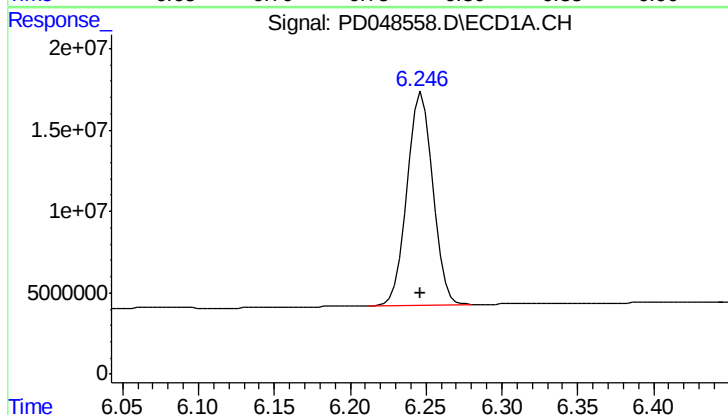
Manual Integrations
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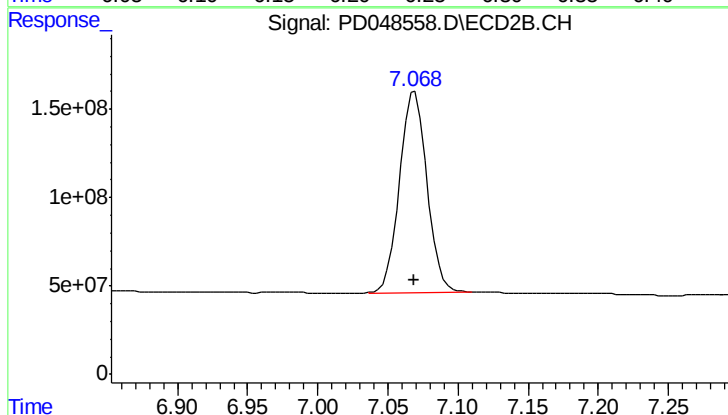
#16 4,4'-DDD

R.T.: 6.769 min
Delta R.T.: 0.000 min
Response: 18463146
Conc: 1.25 ng/ml m



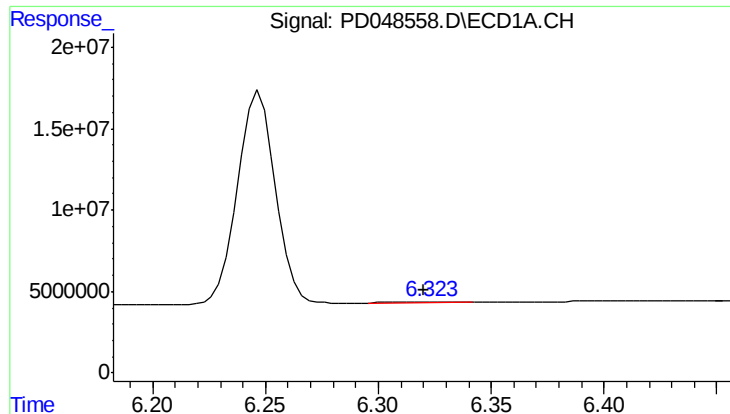
#17 4,4'-DDT

R.T.: 6.247 min
Delta R.T.: 0.000 min
Response: 152383469
Conc: 99.38 ng/ml



#17 4,4'-DDT

R.T.: 7.069 min
Delta R.T.: 0.000 min
Response: 1538260961
Conc: 100.40 ng/ml



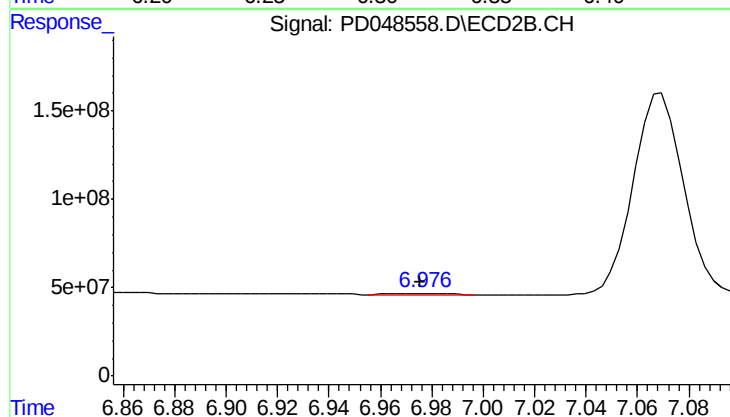
#18 Endrin aldehyde

R.T.: 6.323 min
Delta R.T.: 0.002 min
Response: 348969
Conc: 0.27 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

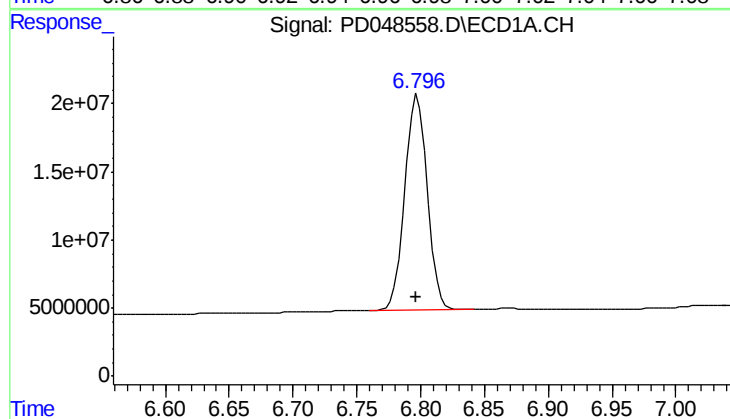
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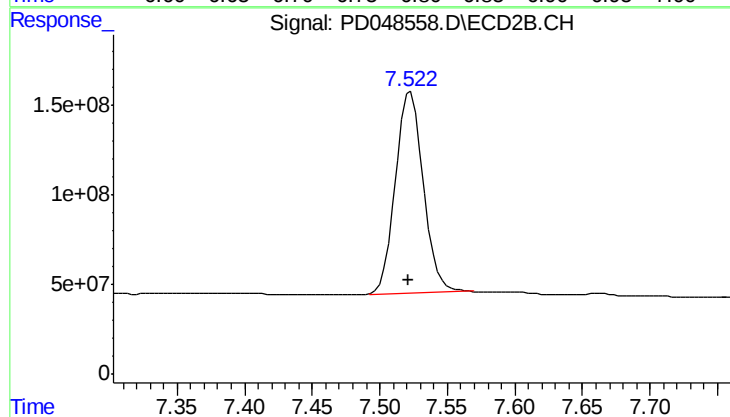
#18 Endrin aldehyde

R.T.: 6.976 min
Delta R.T.: 0.000 min
Response: 8929700
Conc: 0.59 ng/ml m



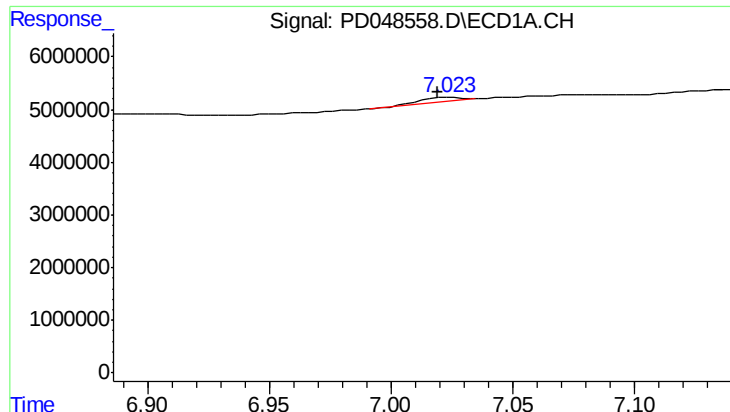
#20 Methoxychlor

R.T.: 6.798 min
Delta R.T.: 0.001 min
Response: 193929657
Conc: 227.93 ng/ml



#20 Methoxychlor

R.T.: 7.523 min
Delta R.T.: 0.001 min
Response: 1628992559
Conc: 220.21 ng/ml



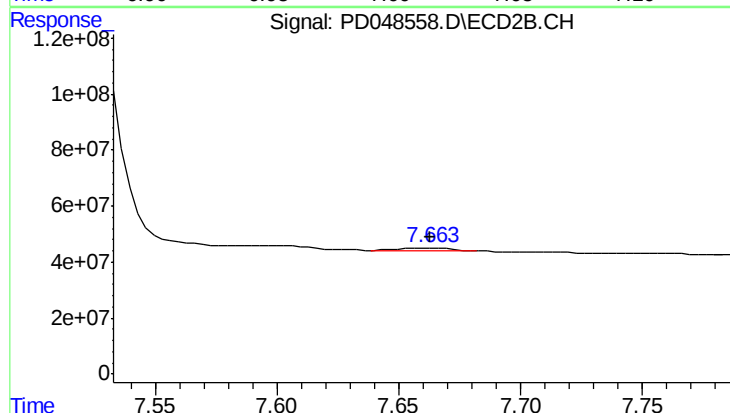
#21 Endrin ketone

R.T.: 7.024 min
Delta R.T.: 0.005 min
Response: 813162
Conc: 0.44 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

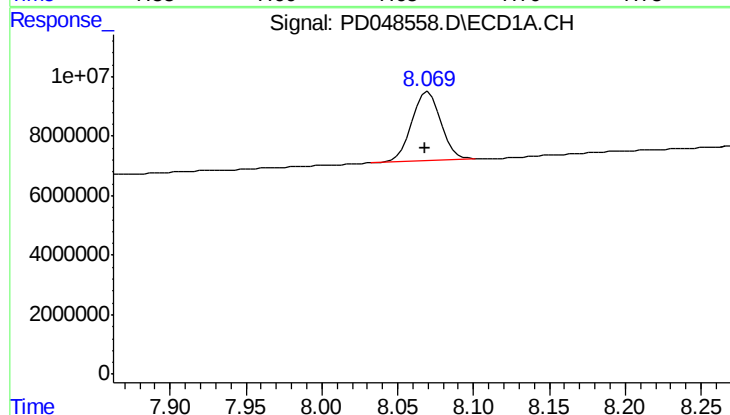
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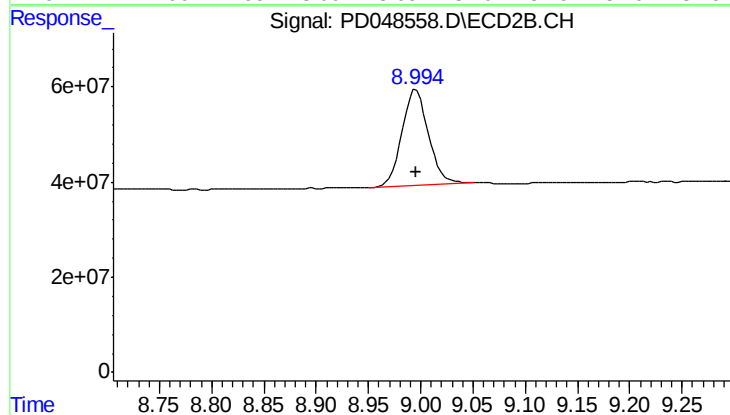
#21 Endrin ketone

R.T.: 7.663 min
Delta R.T.: 0.000 min
Response: 14925069
Conc: 0.85 ng/ml m



#28 Decachlorobiphenyl

R.T.: 8.070 min
Delta R.T.: 0.002 min
Response: 30587875
Conc: 20.03 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.995 min
Delta R.T.: 0.000 min
Response: 353609416
Conc: 20.85 ng/ml