

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD D\Data\PD081318\
 Data File : PD048909.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 14 Aug 2018 1:56
 Operator : AJ\SJ
 Sample : J4449-01MSD
 Misc :
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 TILCON-MH-001MSD

Manual Integrations
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 8/14/2018 1:32:59 PM

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 14 08:10:51 2018
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD073118.M
 Quant Title : GC Extractables
 QLast Update : Wed Aug 01 04:28:20 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 x 0.2 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...	3.369	3.969	30661729	442.5E6	27.658m	32.967
28)	SA Decachlor...	8.067	8.995	31717488	368.4E6	22.651m	24.390
Target Compounds							
2)	A alpha-BHC	3.800	4.349	111.6E6	1503.1E6	58.251m	66.127
3)	MA gamma-BHC...	4.079	4.630	106.4E6	1367.8E6	58.650	66.141
4)	MA Heptachlor	4.368	5.143	97595169	1230.0E6	57.688	65.313
5)	MB Aldrin	4.610	5.447	95725589	1297.4E6	58.800	63.433
6)	B beta-BHC	4.328	4.790	41559732	561.1E6	58.231	67.381
7)	B delta-BHC	4.527	5.007	102.8E6	1305.4E6	57.983	69.671
8)	B Heptachlo...	5.049	5.827	87425989	1164.4E6	57.028	67.040
9)	A Endosulfan I	5.382	6.181	80293250	1031.5E6	56.339	61.339
10)	B gamma-Chl...	5.271	6.060	88308485	1176.4E6	56.947	63.261
11)	B alpha-Chl...	5.330	6.133	85571899	1120.0E6	56.542	62.248
12)	B 4,4'-DDE	5.497	6.287	87716990	997.6E6	56.224	62.879
13)	MA Dieldrin	5.623	6.435	93746116	1121.3E6	57.127	59.808
14)	MA Endrin	5.877	6.650	86606665	962.8E6	54.239m	59.359
15)	B Endosulfa...	6.151	6.853	79031308	892.0E6	54.835	56.028
16)	A 4,4'-DDD	6.008	6.769	75667827	823.3E6	53.964m	64.908
17)	MA 4,4'-DDT	6.246	7.068	74584918	731.8E6	52.618	56.920
18)	B Endrin al...	6.321	6.975	66735814	740.9E6	55.731	55.728
19)	B Endosulfa...	6.531	7.197	74456802	862.6E6	56.256	55.045
20)	A Methoxychlor	6.795	7.522	38222246	351.8E6	49.070m	58.308
21)	B Endrin ke...	7.019	7.663	92402884	821.0E6	54.280	54.230

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD D\Data\PD081318\
Data File : PD048909.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 14 Aug 2018 1:56
Operator : AJ\SJ
Sample : J4449-01MSD
Misc :
ALS Vial : 44 Sample Multiplier: 1

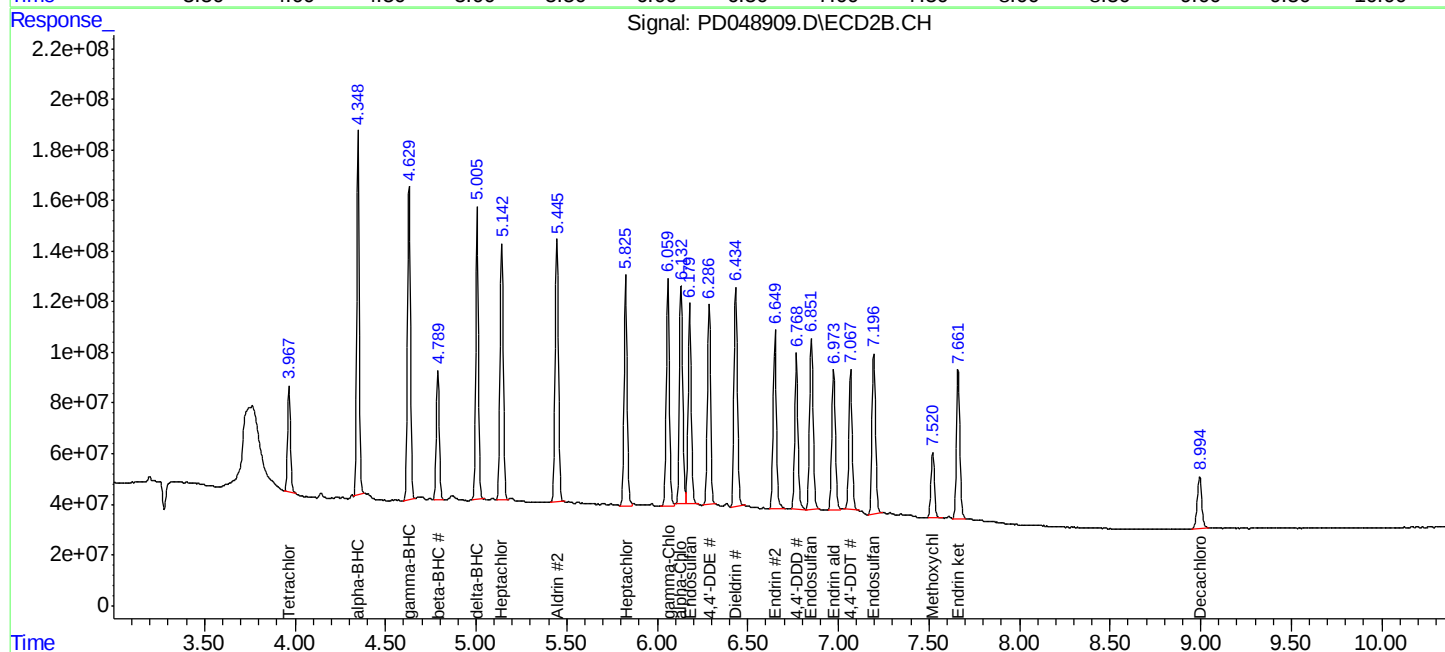
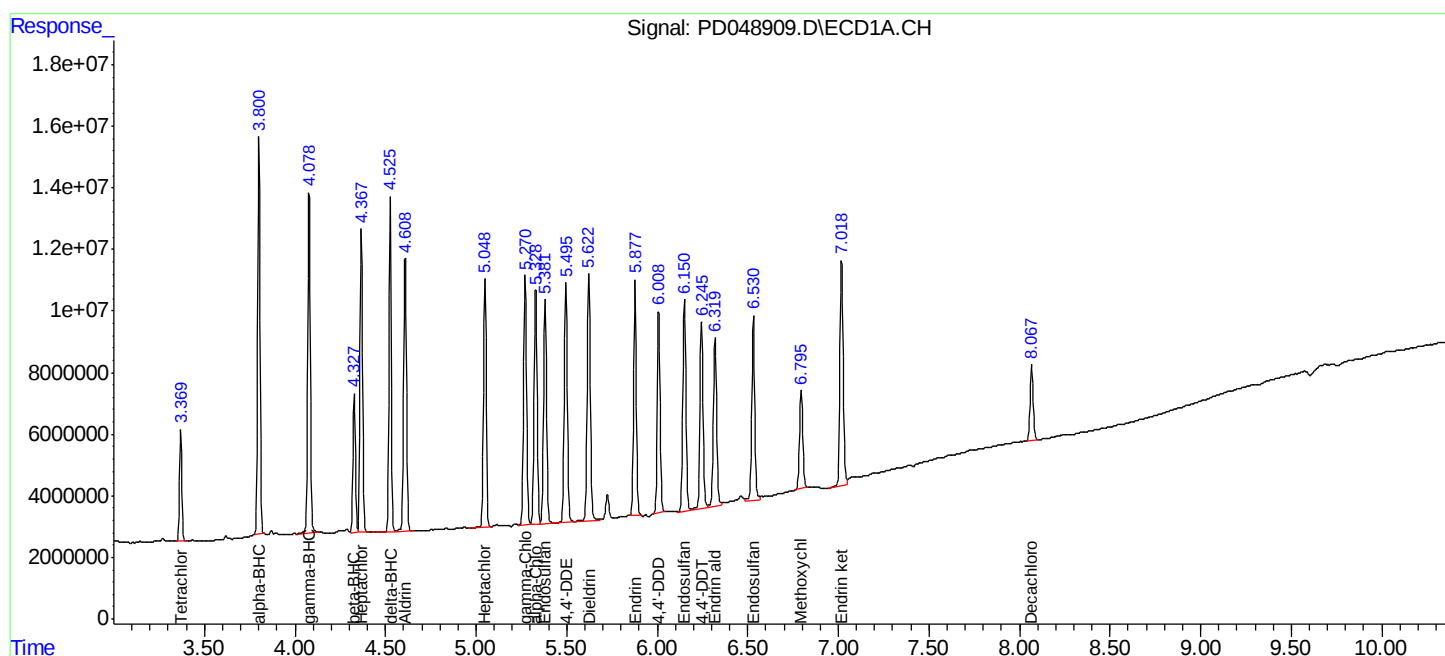
Instrument :
ECD_D
ClientSampleId :
TILCON-MH-001MSD

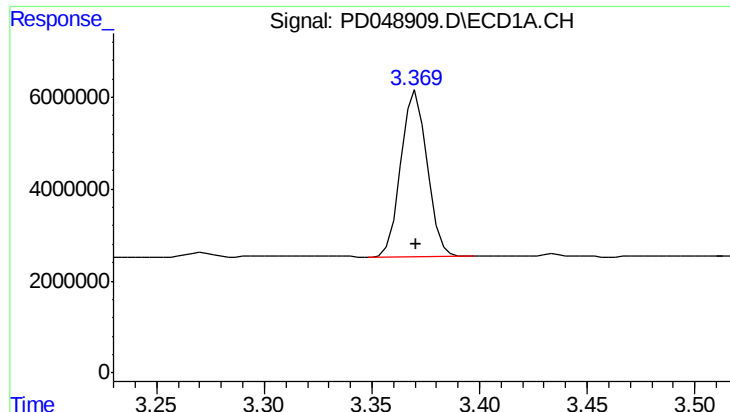
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Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 14 08:10:51 2018
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD073118.M
Quant Title : GC Extractables
QLast Update : Wed Aug 01 04:28:20 2018
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Ini. : 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





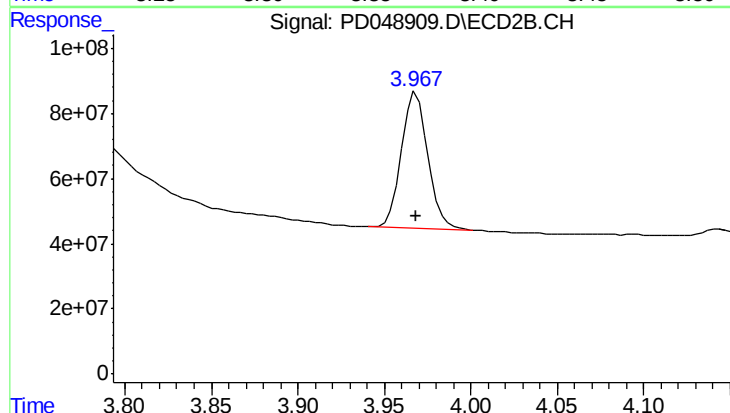
#1 Tetrachloro-m-xylene

R.T.: 3.369 min
Delta R.T.: -0.001 min
Response: 30661729
Conc: 27.66 ng/ml

Instrument :
ECD_D
ClientSampleId :
TILCON-MH-001MSD

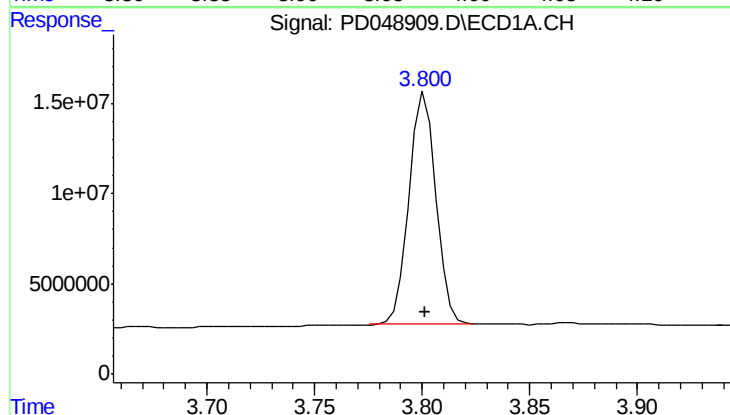
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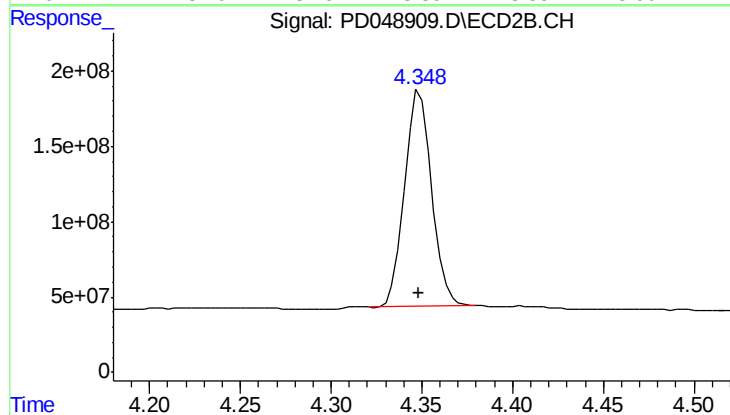
#1 Tetrachloro-m-xylene

R.T.: 3.969 min
Delta R.T.: 0.000 min
Response: 442547329
Conc: 32.97 ng/ml



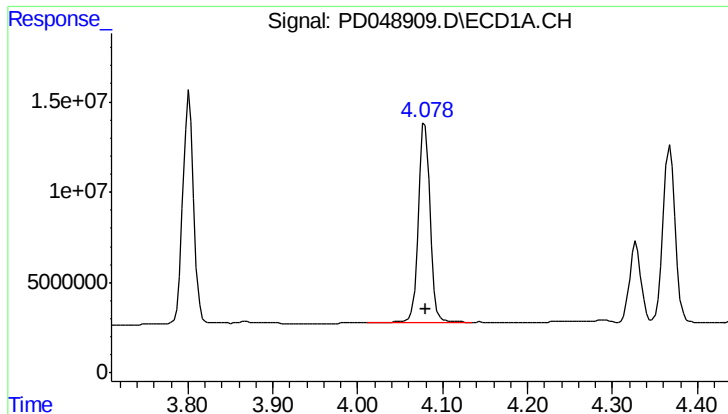
#2 alpha-BHC

R.T.: 3.800 min
Delta R.T.: -0.002 min
Response: 111604913
Conc: 58.25 ng/ml m



#2 alpha-BHC

R.T.: 4.349 min
Delta R.T.: 0.000 min
Response: 1503052055
Conc: 66.13 ng/ml



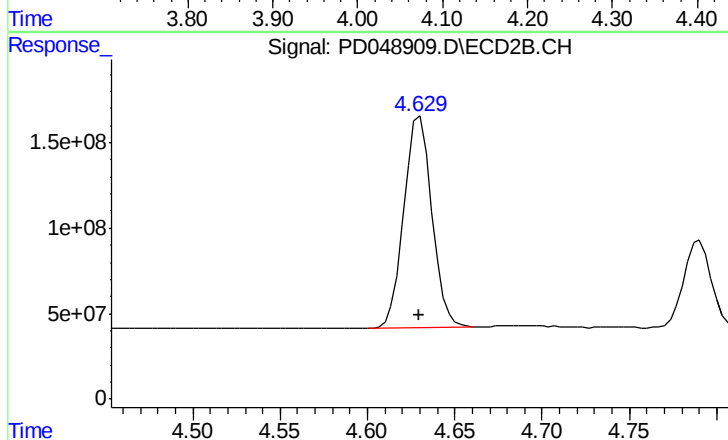
#3 gamma-BHC (Lindane)

R.T.: 4.079 min
Delta R.T.: 0.000 min
Response: 106388268
Conc: 58.65 ng/ml

Instrument :
ECD_D
ClientSampleId :
TILCON-MH-001MSD

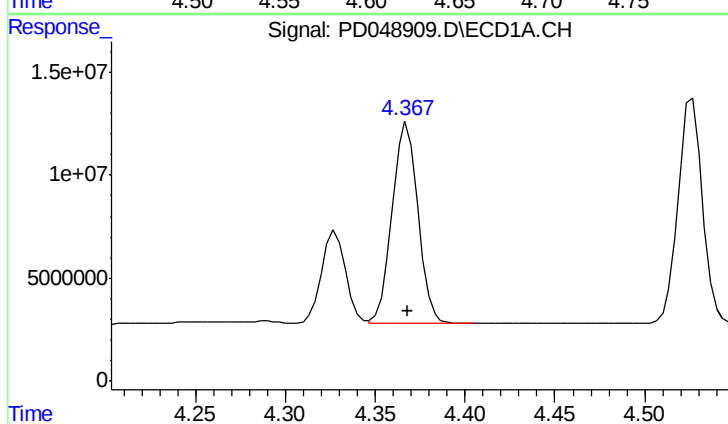
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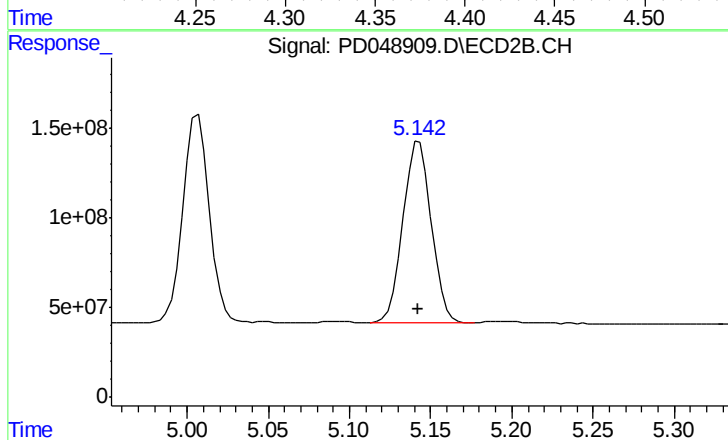
#3 gamma-BHC (Lindane)

R.T.: 4.630 min
Delta R.T.: 0.000 min
Response: 1367771152
Conc: 66.14 ng/ml



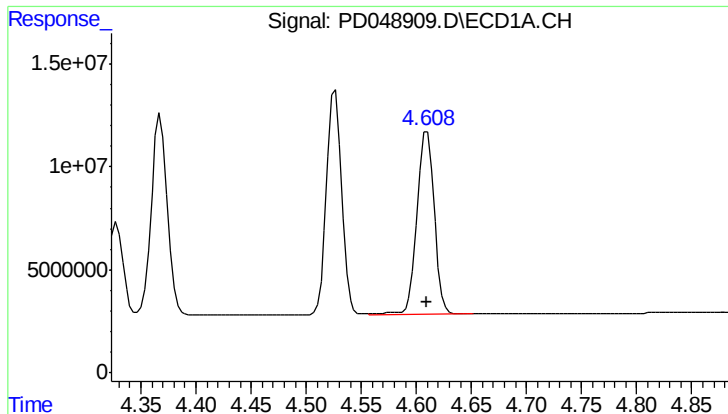
#4 Heptachlor

R.T.: 4.368 min
Delta R.T.: 0.000 min
Response: 97595169
Conc: 57.69 ng/ml



#4 Heptachlor

R.T.: 5.143 min
Delta R.T.: 0.000 min
Response: 1230049508
Conc: 65.31 ng/ml



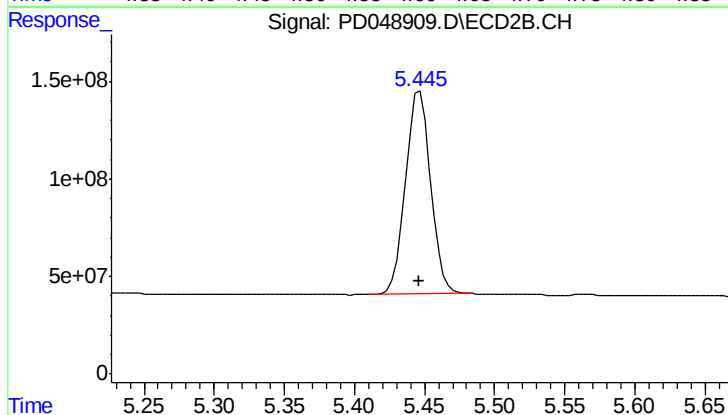
#5 Aldrin

R.T.: 4.610 min
Delta R.T.: 0.000 min
Response: 95725589
Conc: 58.80 ng/ml

Instrument :
ECD_D
ClientSampleId :
TILCON-MH-001MSD

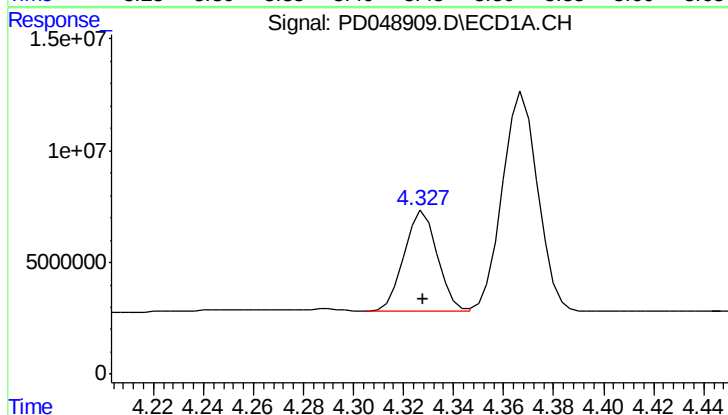
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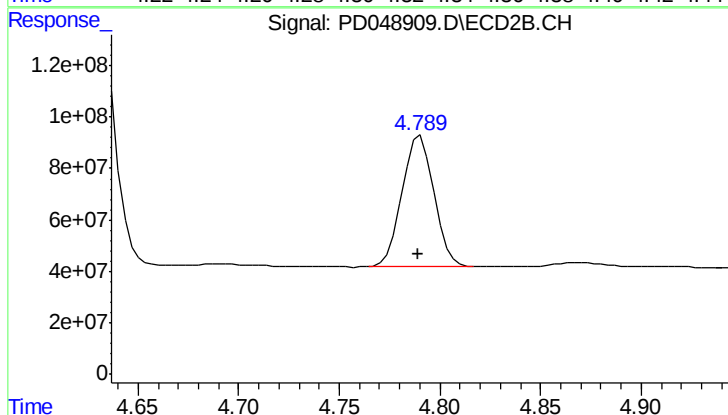
#5 Aldrin

R.T.: 5.447 min
Delta R.T.: 0.000 min
Response: 1297360375
Conc: 63.43 ng/ml



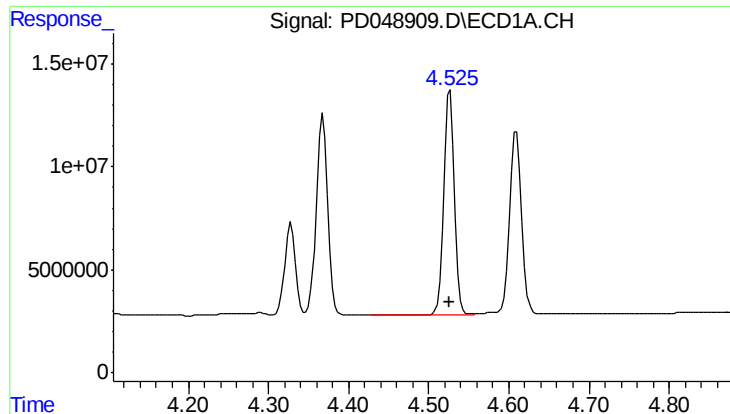
#6 beta-BHC

R.T.: 4.328 min
Delta R.T.: 0.000 min
Response: 41559732
Conc: 58.23 ng/ml



#6 beta-BHC

R.T.: 4.790 min
Delta R.T.: 0.000 min
Response: 561138342
Conc: 67.38 ng/ml



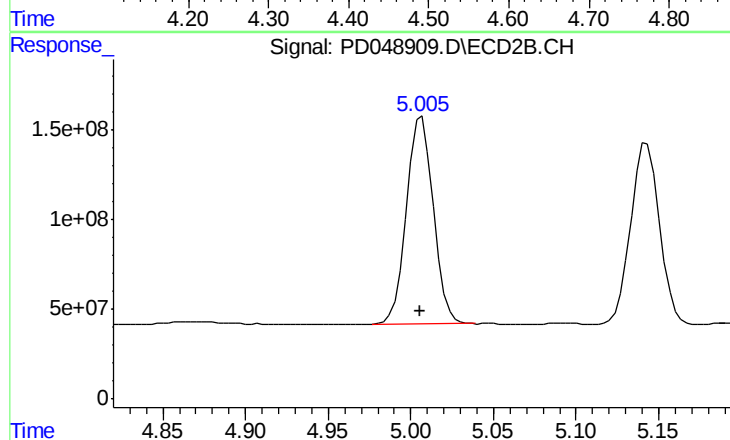
#7 delta-BHC

R.T.: 4.527 min
Delta R.T.: 0.000 min
Response: 102849681
Conc: 57.98 ng/ml

Instrument :
ECD_D
ClientSampleId :
TILCON-MH-001MSD

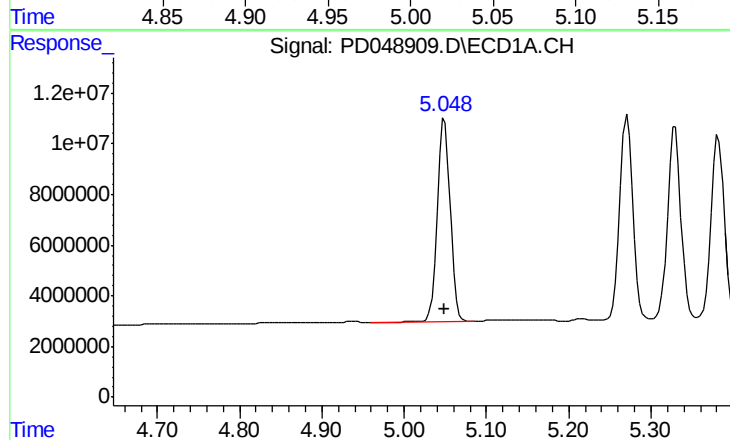
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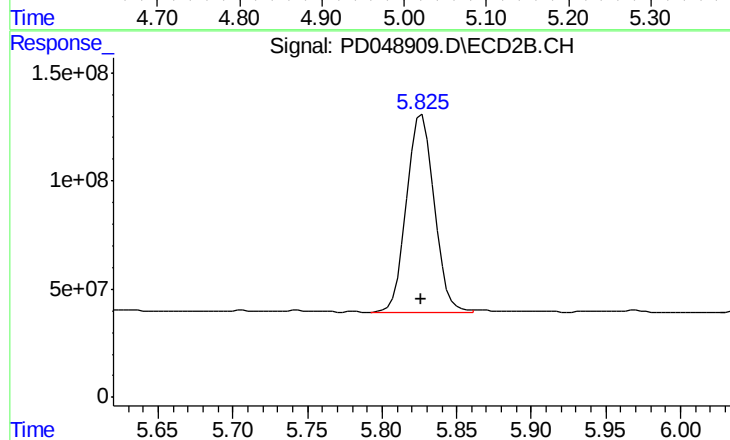
#7 delta-BHC

R.T.: 5.007 min
Delta R.T.: 0.000 min
Response: 1305383726
Conc: 69.67 ng/ml



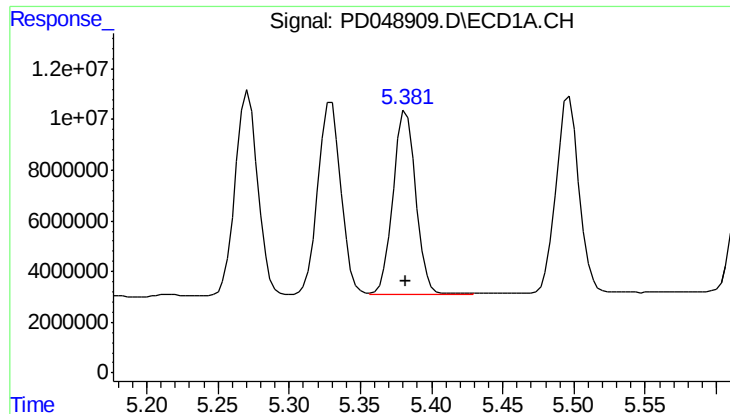
#8 Heptachlor epoxide

R.T.: 5.049 min
Delta R.T.: 0.000 min
Response: 87425989
Conc: 57.03 ng/ml



#8 Heptachlor epoxide

R.T.: 5.827 min
Delta R.T.: 0.000 min
Response: 1164368743
Conc: 67.04 ng/ml



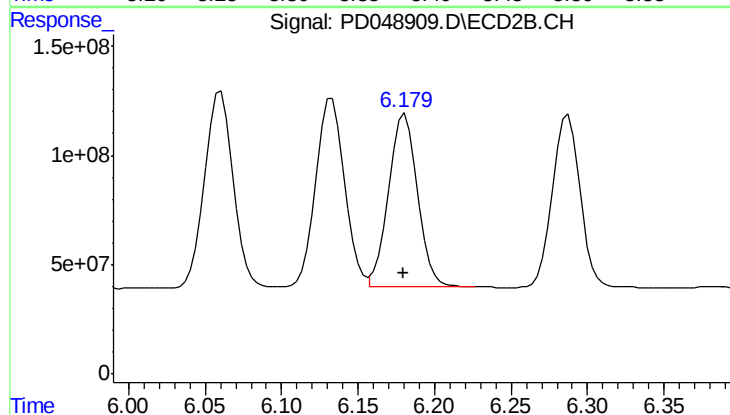
#9 Endosulfan I

R.T.: 5.382 min
Delta R.T.: 0.000 min
Response: 80293250
Conc: 56.34 ng/ml

Instrument :
ECD_D
ClientSampleId :
TILCON-MH-001MSD

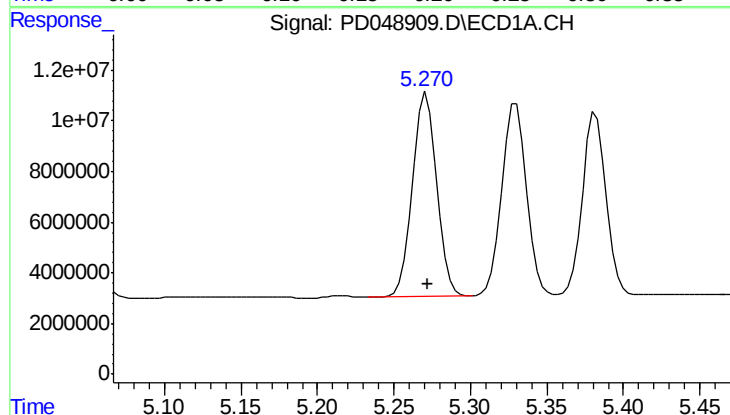
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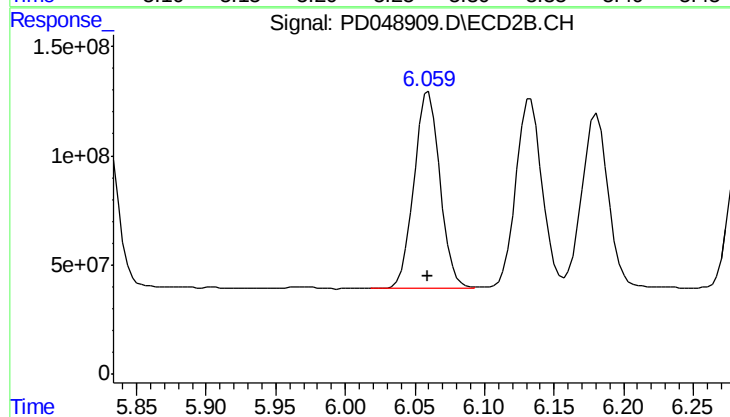
#9 Endosulfan I

R.T.: 6.181 min
Delta R.T.: 0.000 min
Response: 1031469905
Conc: 61.34 ng/ml



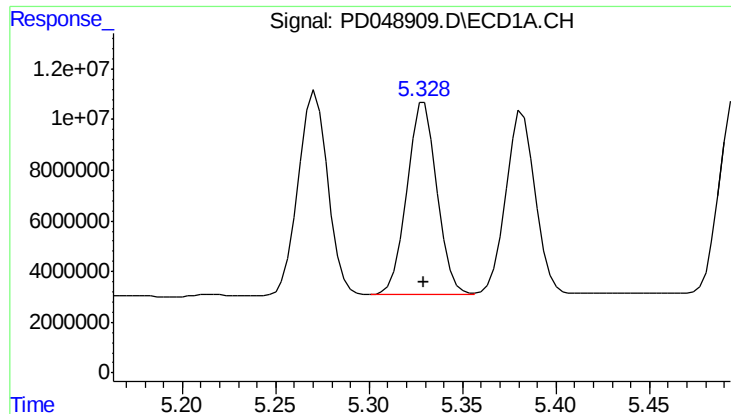
#10 gamma-Chlordane

R.T.: 5.271 min
Delta R.T.: 0.000 min
Response: 88308485
Conc: 56.95 ng/ml



#10 gamma-Chlordane

R.T.: 6.060 min
Delta R.T.: 0.001 min
Response: 1176425224
Conc: 63.26 ng/ml



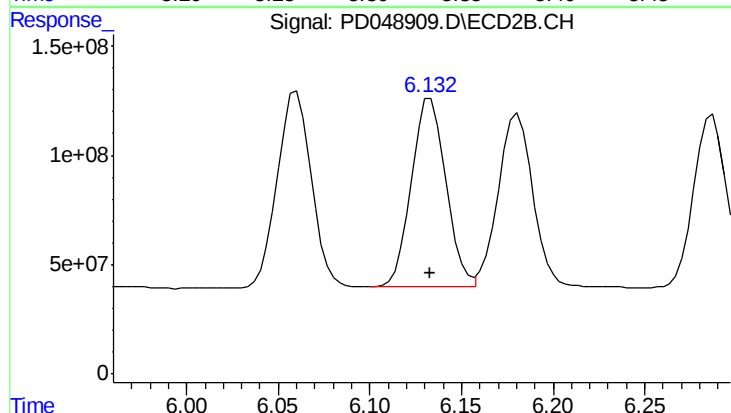
#11 alpha-Chlordane

R.T.: 5.330 min
Delta R.T.: 0.000 min
Response: 85571899
Conc: 56.54 ng/ml

Instrument :
ECD_D
ClientSampleId :
TILCON-MH-001MSD

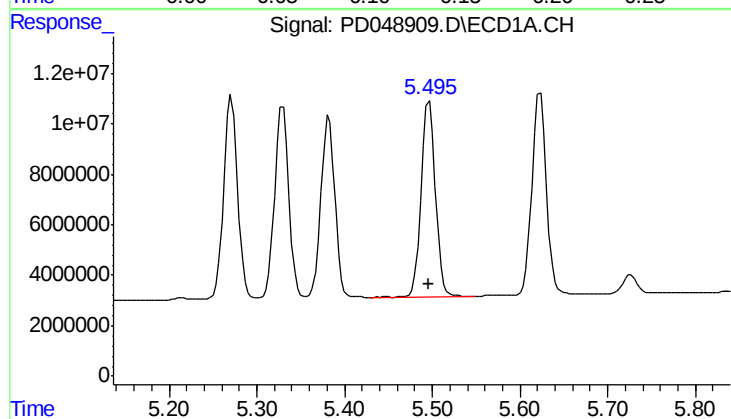
Manual Integrations
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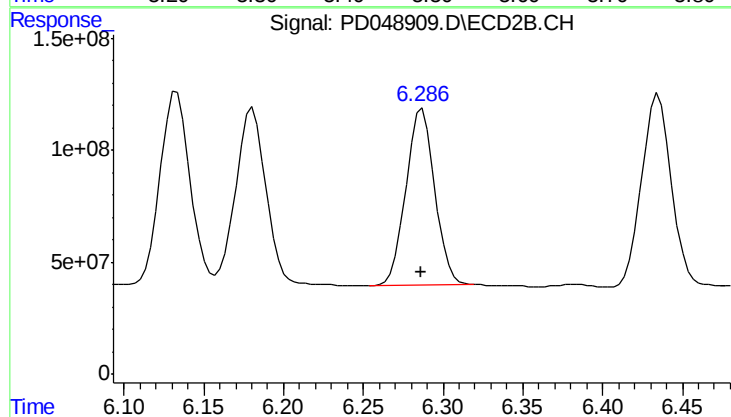
#11 alpha-Chlordane

R.T.: 6.133 min
Delta R.T.: 0.000 min
Response: 1120030288
Conc: 62.25 ng/ml



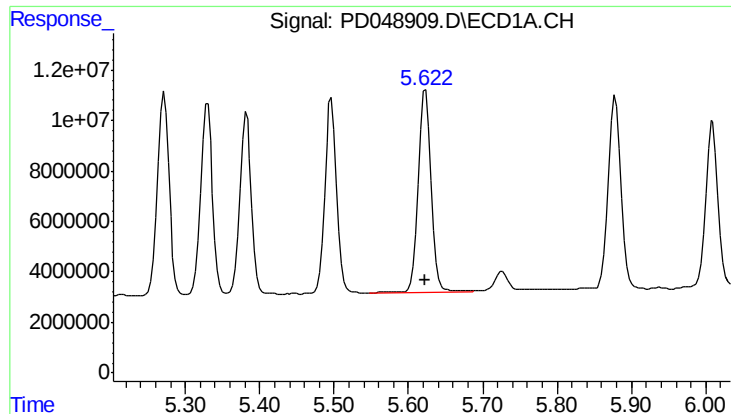
#12 4,4'-DDE

R.T.: 5.497 min
Delta R.T.: 0.000 min
Response: 87716990
Conc: 56.22 ng/ml



#12 4,4'-DDE

R.T.: 6.287 min
Delta R.T.: 0.000 min
Response: 997572335
Conc: 62.88 ng/ml



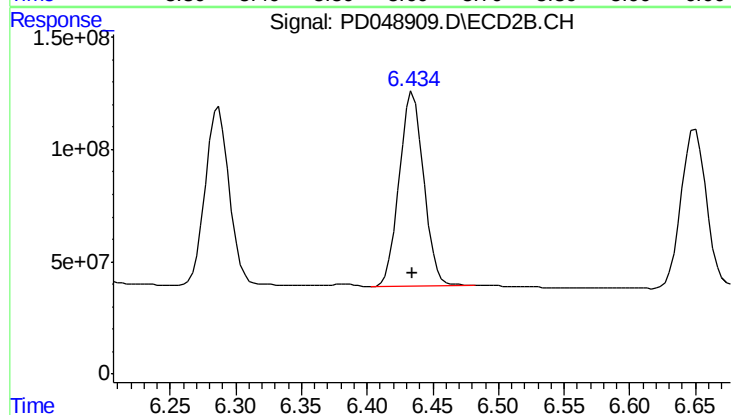
#13 Dielddrin

R.T.: 5.623 min
Delta R.T.: 0.000 min
Response: 93746116
Conc: 57.13 ng/ml

Instrument :
ECD_D
ClientSampleId :
TILCON-MH-001MSD

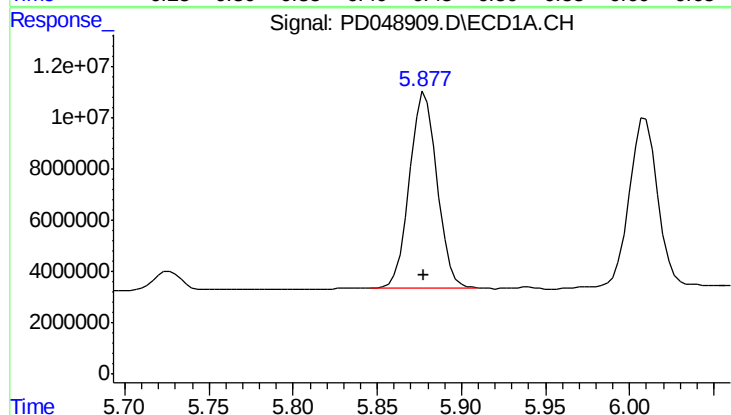
Manual Integrations
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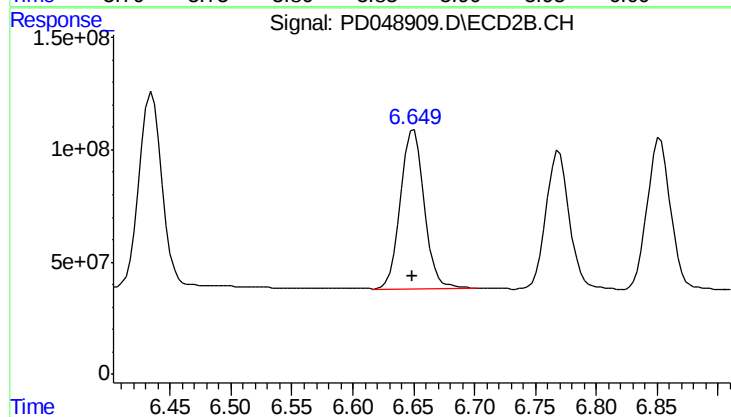
#13 Dielddrin

R.T.: 6.435 min
Delta R.T.: 0.000 min
Response: 1121263563
Conc: 59.81 ng/ml



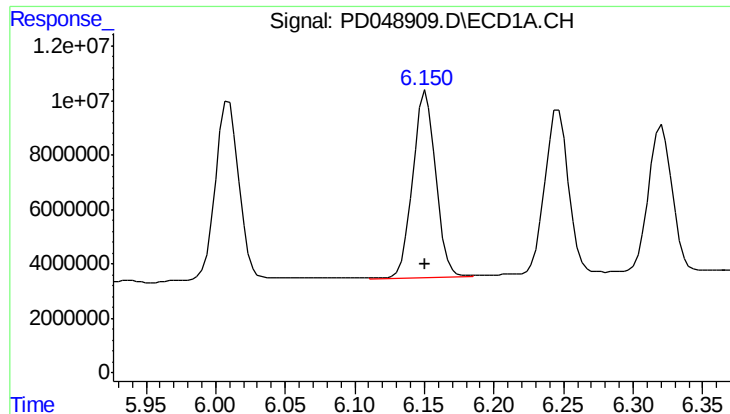
#14 Endrin

R.T.: 5.877 min
Delta R.T.: 0.000 min
Response: 86606665
Conc: 54.24 ng/ml m



#14 Endrin

R.T.: 6.650 min
Delta R.T.: 0.000 min
Response: 962770244
Conc: 59.36 ng/ml



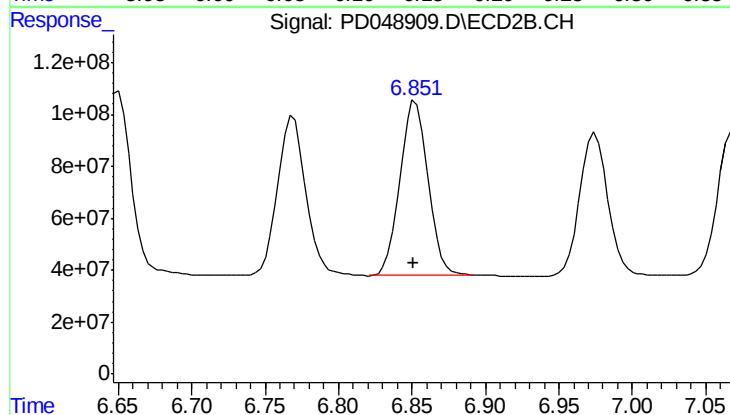
#15 Endosulfan II

R.T.: 6.151 min
Delta R.T.: 0.000 min
Response: 79031308
Conc: 54.84 ng/ml

Instrument :
ECD_D
ClientSampleId :
TILCON-MH-001MSD

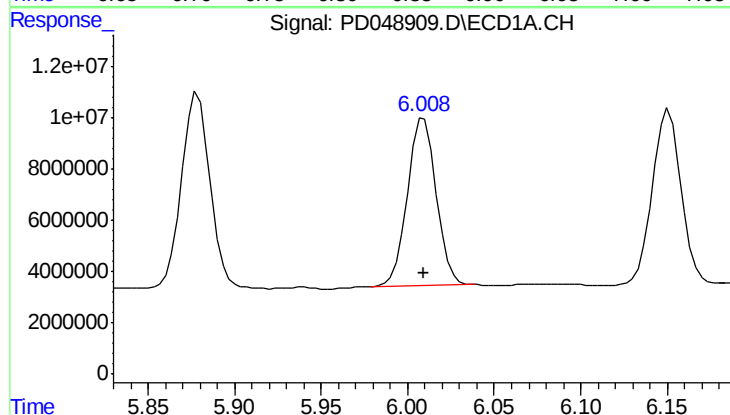
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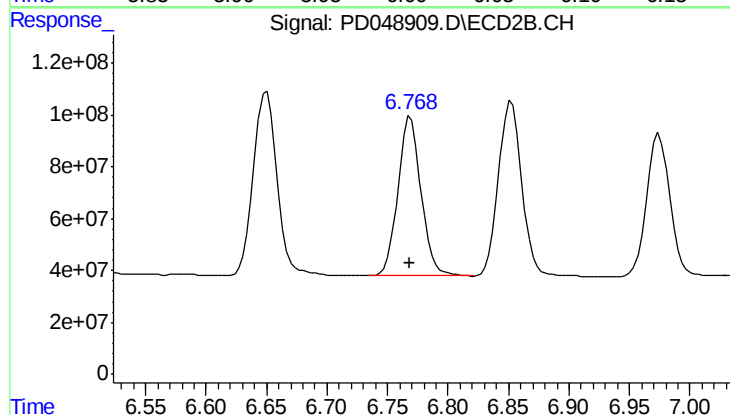
#15 Endosulfan II

R.T.: 6.853 min
Delta R.T.: 0.001 min
Response: 891964474
Conc: 56.03 ng/ml



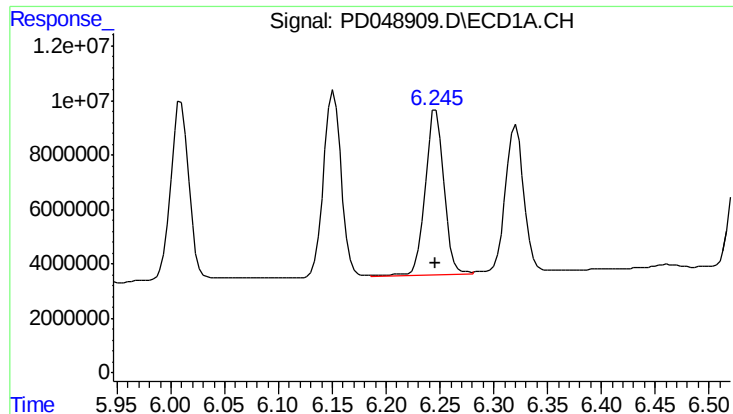
#16 4,4'-DDD

R.T.: 6.008 min
Delta R.T.: -0.001 min
Response: 75667827
Conc: 53.96 ng/ml m



#16 4,4'-DDD

R.T.: 6.769 min
Delta R.T.: 0.000 min
Response: 823264871
Conc: 64.91 ng/ml



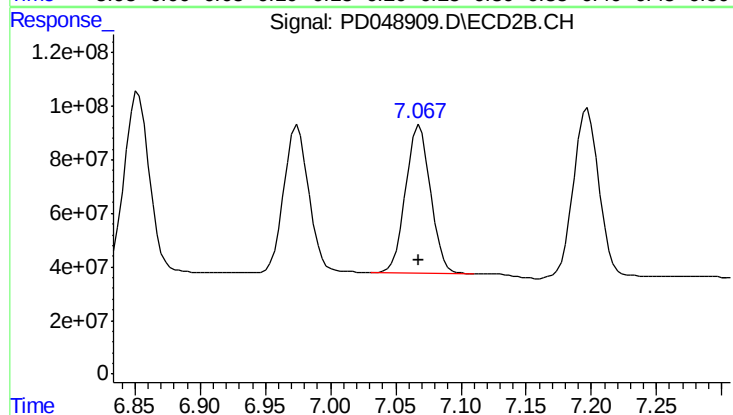
#17 4,4'-DDT

R.T.: 6.246 min
Delta R.T.: 0.000 min
Response: 74584918
Conc: 52.62 ng/ml

Instrument :
ECD_D
ClientSampleId :
TILCON-MH-001MSD

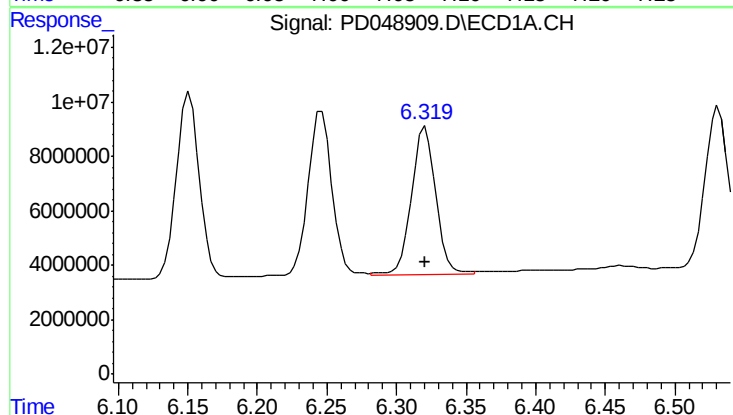
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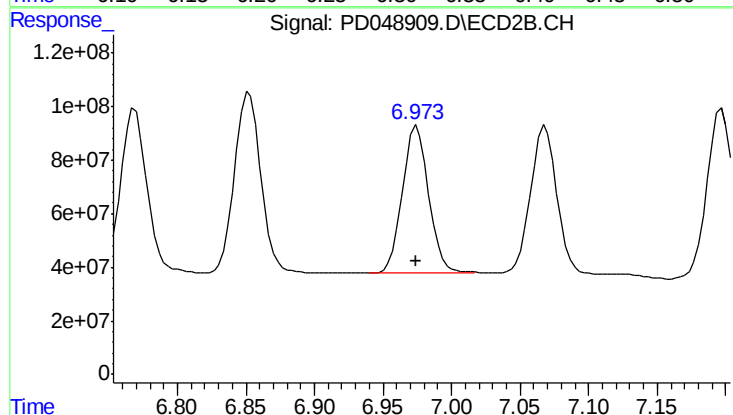
#17 4,4'-DDT

R.T.: 7.068 min
Delta R.T.: 0.001 min
Response: 731781676
Conc: 56.92 ng/ml



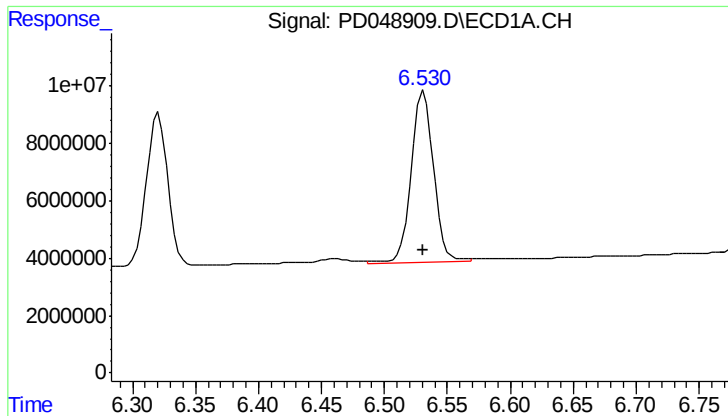
#18 Endrin aldehyde

R.T.: 6.321 min
Delta R.T.: 0.000 min
Response: 66735814
Conc: 55.73 ng/ml



#18 Endrin aldehyde

R.T.: 6.975 min
Delta R.T.: 0.000 min
Response: 740916594
Conc: 55.73 ng/ml



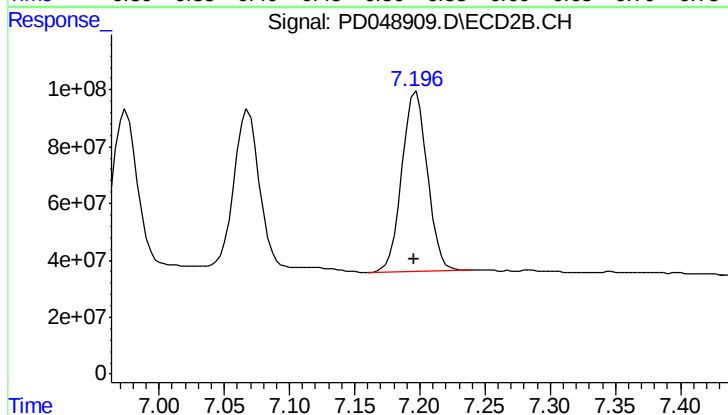
#19 Endosulfan Sulfate

R.T.: 6.531 min
Delta R.T.: 0.000 min
Response: 74456802
Conc: 56.26 ng/ml

Instrument :
ECD_D
ClientSampleId :
TILCON-MH-001MSD

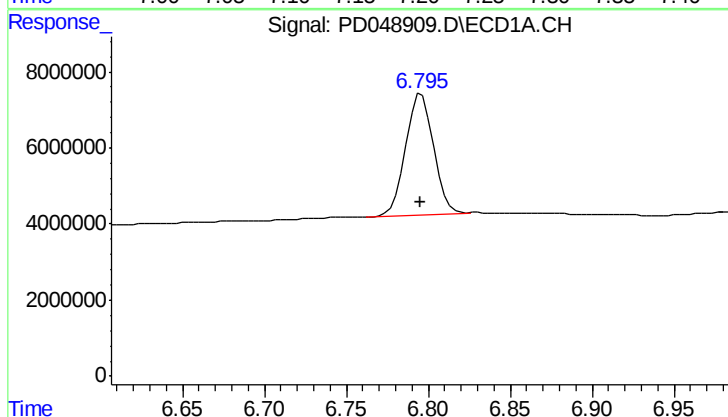
Manual Integrations
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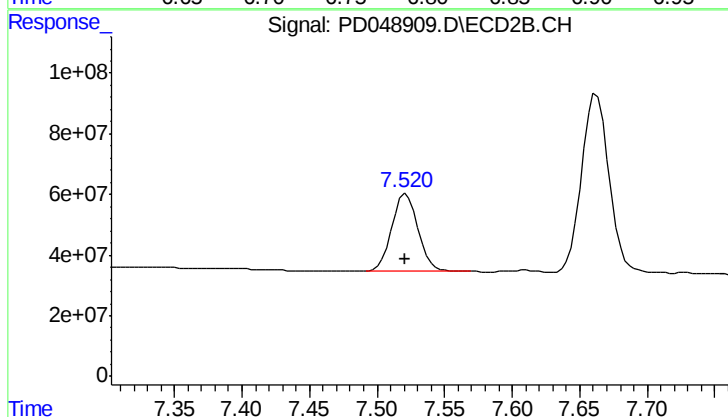
#19 Endosulfan Sulfate

R.T.: 7.197 min
Delta R.T.: 0.001 min
Response: 862644045
Conc: 55.05 ng/ml



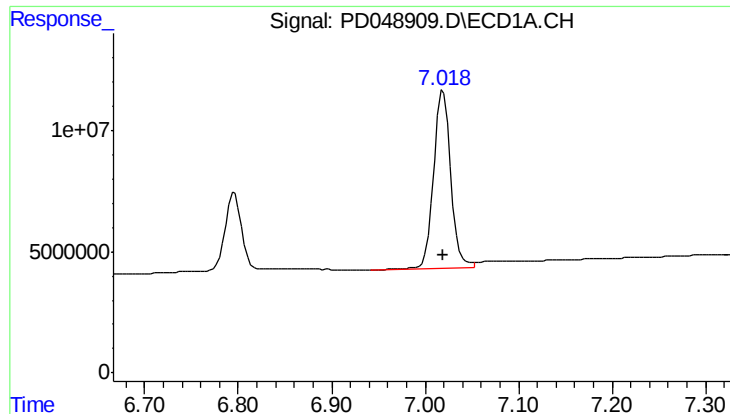
#20 Methoxychlor

R.T.: 6.795 min
Delta R.T.: 0.000 min
Response: 38222246
Conc: 49.07 ng/ml m



#20 Methoxychlor

R.T.: 7.522 min
Delta R.T.: 0.000 min
Response: 351781715
Conc: 58.31 ng/ml



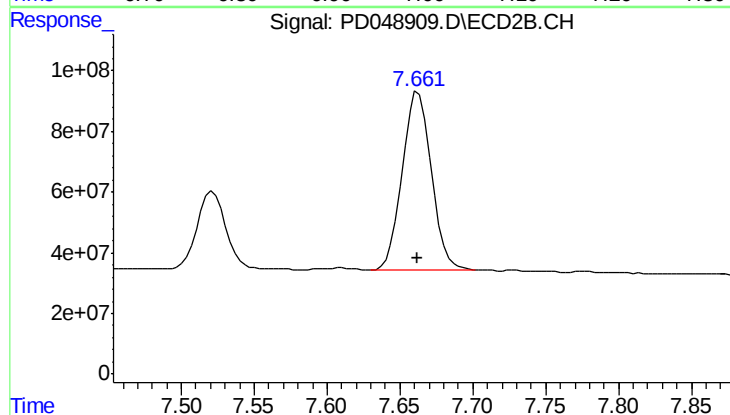
#21 Endrin ketone

R.T.: 7.019 min
Delta R.T.: 0.000 min
Response: 92402884
Conc: 54.28 ng/ml

Instrument :
ECD_D
ClientSampleId :
TILCON-MH-001MSD

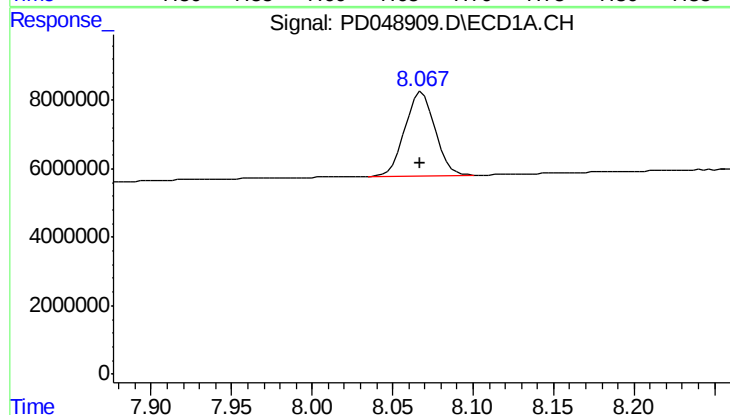
Manual Integrations
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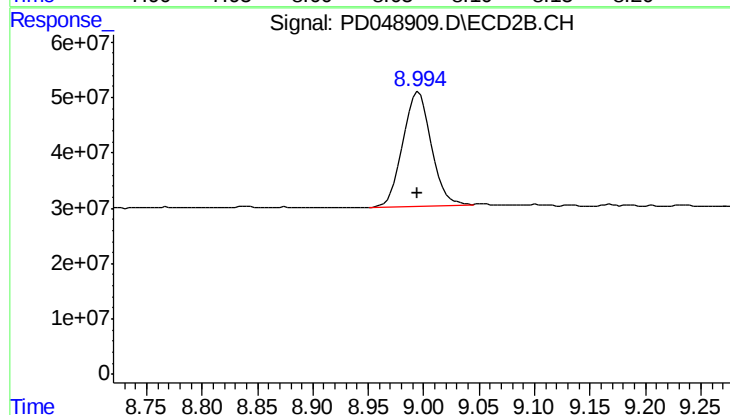
#21 Endrin ketone

R.T.: 7.663 min
Delta R.T.: 0.000 min
Response: 821003582
Conc: 54.23 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.067 min
Delta R.T.: 0.000 min
Response: 31717488
Conc: 22.65 ng/ml m



#28 Decachlorobiphenyl

R.T.: 8.995 min
Delta R.T.: 0.002 min
Response: 368353420
Conc: 24.39 ng/ml