

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD011019\
 Data File : PD050960.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 09 Jan 2019 19:28
 Operator : AJ\SJ
 Sample : K1087-01MS
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 MH-448-CMS

Manual Integrations
 APPROVED

Sohil
 1/10/2019 10:50:26 AM

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jan 10 03:57:20 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD011019.M
 Quant Title : GC Extractables
 QLast Update : Thu Jan 10 03:41:46 2019
 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...	3.227	4.047	27708539	568.6E6	18.551	19.105
28)	SA Decachlor...	7.831	9.163	19583094	271.0E6	16.134m	13.580
Target Compounds							
2)	A alpha-BHC	3.648	4.440	118.3E6	1953.4E6	49.152	42.864
3)	MA gamma-BHC...	3.916	4.727	113.2E6	1769.3E6	47.999	42.568
4)	MA Heptachlor	4.195	5.241	114.7E6	1686.5E6	47.872	41.336
5)	MB Aldrin	4.427	5.548	116.0E6	1500.0E6	48.907	38.319
6)	B beta-BHC	4.162	4.896	45118982	769.2E6	47.648	42.508
7)	B delta-BHC	4.351	5.116	91679204	1309.1E6	40.722	33.693
8)	B Heptachlor...	4.855	5.936	108.8E6	1311.8E6	48.411	37.622
9)	A Endosulfan I	5.178	6.295	98733247	1127.6E6	46.314	35.835
10)	B gamma-Chl...	5.073	6.171	113.1E6	1300.5E6	48.273	37.443
11)	B alpha-Chl...	5.129	6.244	110.4E6	1249.7E6	47.785	36.870
12)	B 4,4'-DDE	5.300	6.400	106.9E6	1204.5E6	49.520	36.534 #
13)	MA Dieldrin	5.413	6.554	111.9E6	1198.3E6	47.776	35.922
14)	MA Endrin	5.660	6.771	96637479	933.7E6	44.124	33.155m
15)	B Endosulfa...	5.930	6.981	86439150	930.8E6	43.229	34.006
16)	A 4,4'-DDD	5.801	6.892	81941170	899.4E6	46.407	34.278 #
17)	MA 4,4'-DDT	6.033	7.193	84477917	806.9E6	44.897	33.805
18)	B Endrin al...	6.097	7.106	62802247	695.3E6	38.901	30.506
19)	B Endosulfa...	6.304	7.329	69046515	743.9E6	35.249m	27.557
20)	A Methoxychlor	6.578	7.651	39327859	381.6E6	41.151	31.351
21)	B Endrin ke...	6.781	7.802	86661090	792.8E6	40.715	31.185m

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD011019\
 Data File : PD050960.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 09 Jan 2019 19:28
 Operator : AJ\SJ
 Sample : K1087-01MS
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

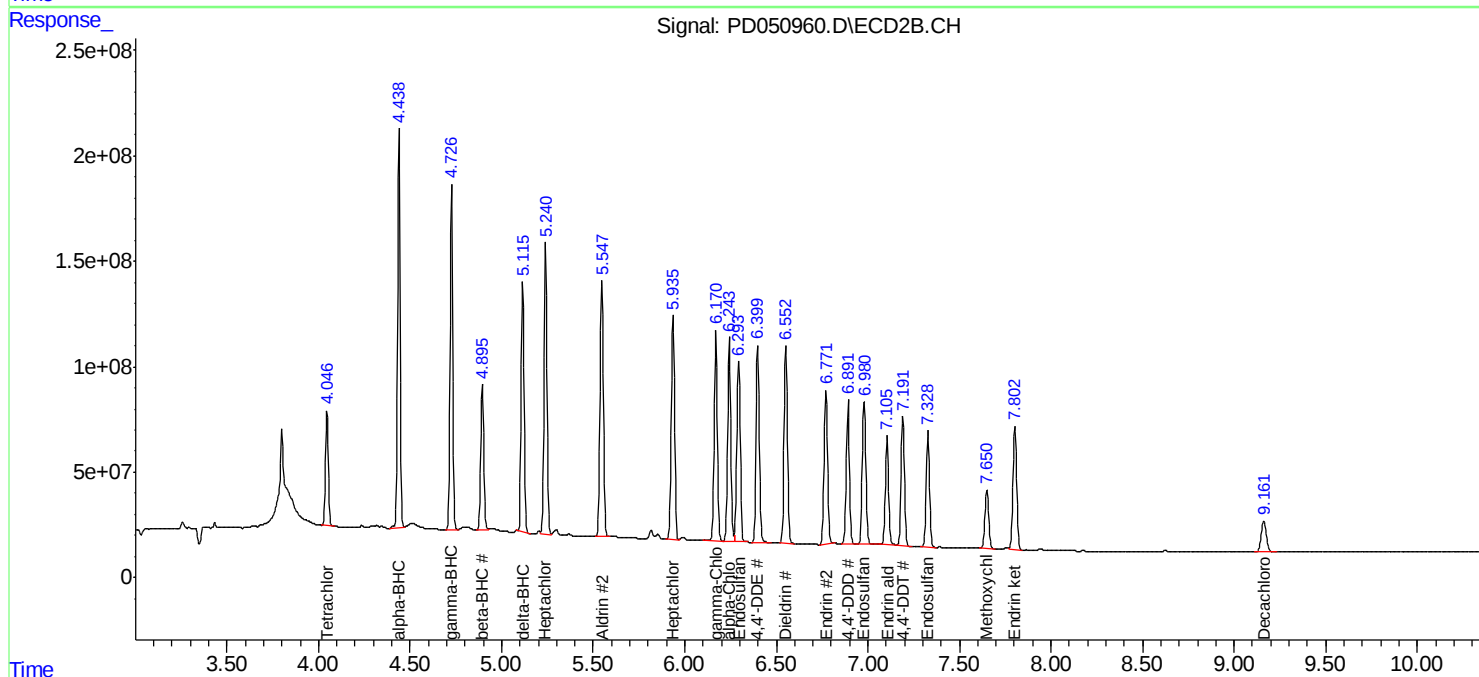
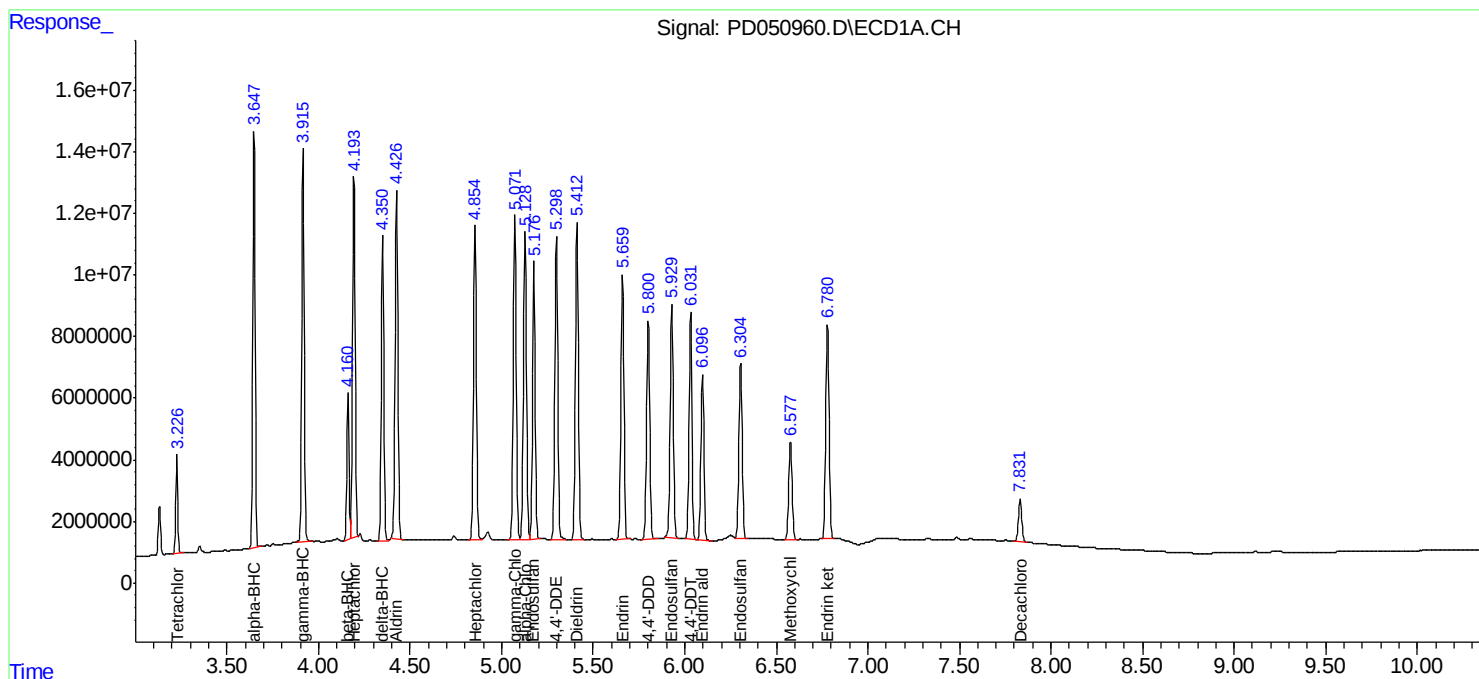
Instrument :
 ECD_D
 ClientSampled :
 MH-448-CMS

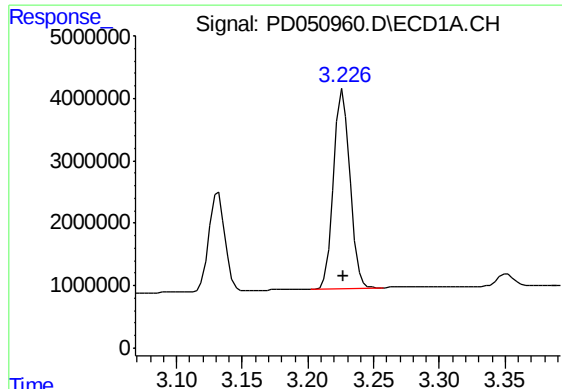
Manual Integrations
 APPROVED

Sohil
 1/10/2019 10:50:26 AM

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jan 10 03:57:20 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD011019.M
 Quant Title : GC Extractables
 QLast Update : Thu Jan 10 03:41:46 2019
 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





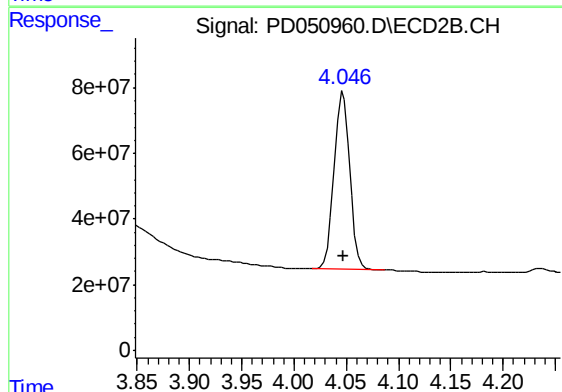
#1 Tetrachloro-m-xylene

R.T.: 3.227 min
Delta R.T.: 0.000 min
Response: 27708539
Conc: 18.55 ng/ml

Instrument :
ECD_D
ClientSampleId :
MH-448-CMS

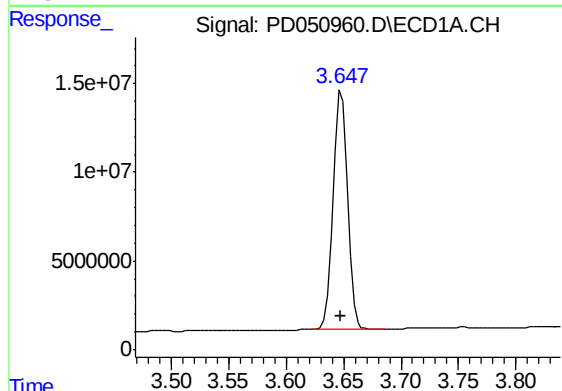
Manual Integrations
APPROVED

Sohil
1/10/2019 10:50:26 AM



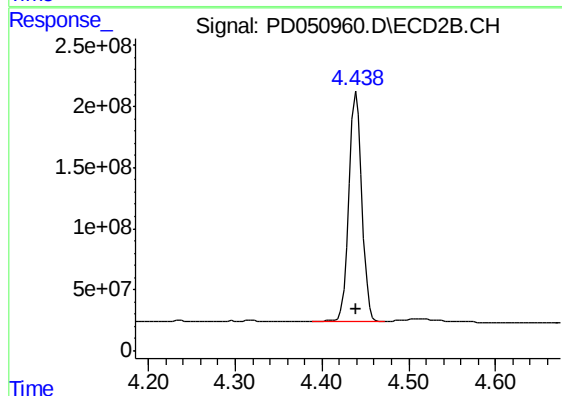
#1 Tetrachloro-m-xylene

R.T.: 4.047 min
Delta R.T.: 0.000 min
Response: 568571304
Conc: 19.11 ng/ml



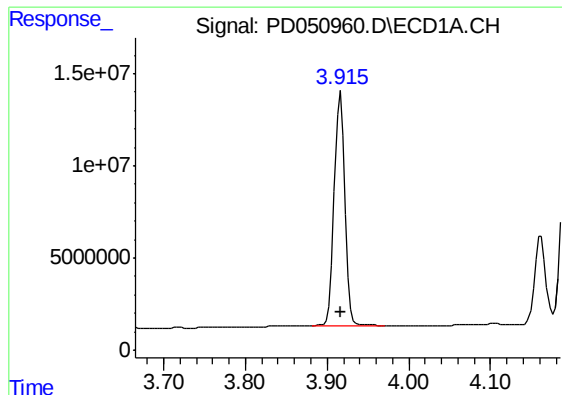
#2 alpha-BHC

R.T.: 3.648 min
Delta R.T.: 0.000 min
Response: 118307970
Conc: 49.15 ng/ml



#2 alpha-BHC

R.T.: 4.440 min
Delta R.T.: 0.000 min
Response: 1953381743
Conc: 42.86 ng/ml



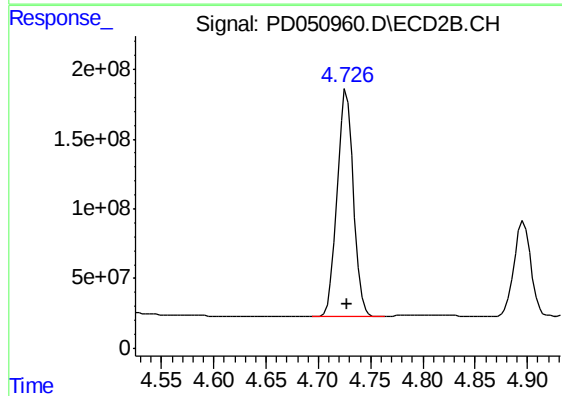
#3 gamma-BHC (Lindane)

R.T.: 3.916 min
Delta R.T.: 0.000 min
Response: 113202363
Conc: 48.00 ng/ml

Instrument :
ECD_D
ClientSampleId :
MH-448-CMS

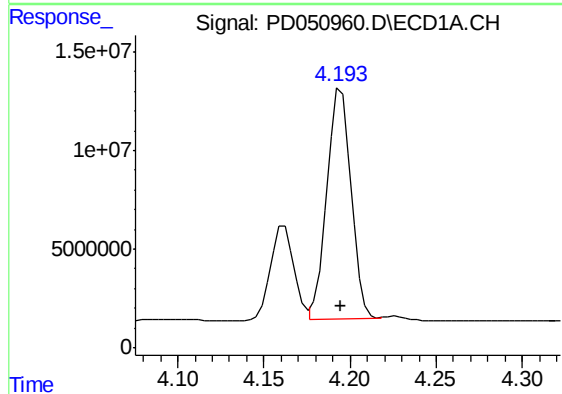
Manual Integrations
APPROVED

Sohil
1/10/2019 10:50:26 AM



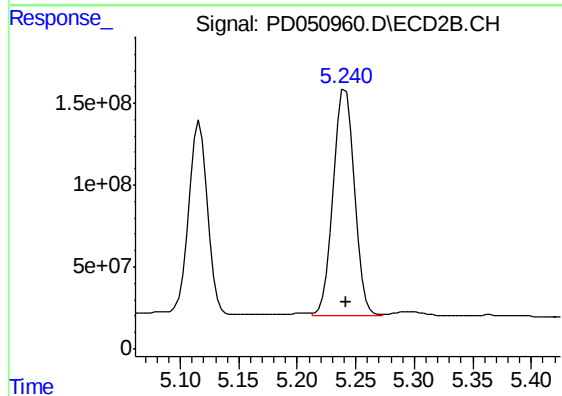
#3 gamma-BHC (Lindane)

R.T.: 4.727 min
Delta R.T.: 0.000 min
Response: 1769336070
Conc: 42.57 ng/ml



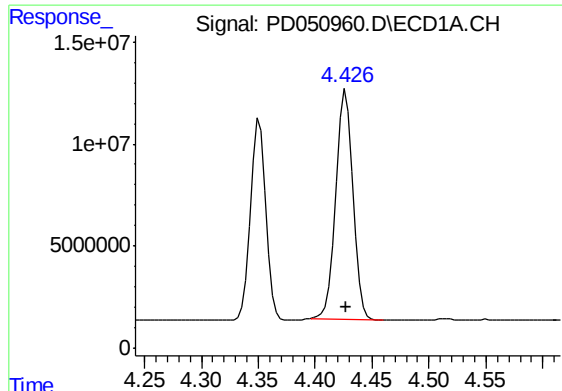
#4 Heptachlor

R.T.: 4.195 min
Delta R.T.: 0.000 min
Response: 114665831
Conc: 47.87 ng/ml



#4 Heptachlor

R.T.: 5.241 min
Delta R.T.: 0.000 min
Response: 1686509188
Conc: 41.34 ng/ml



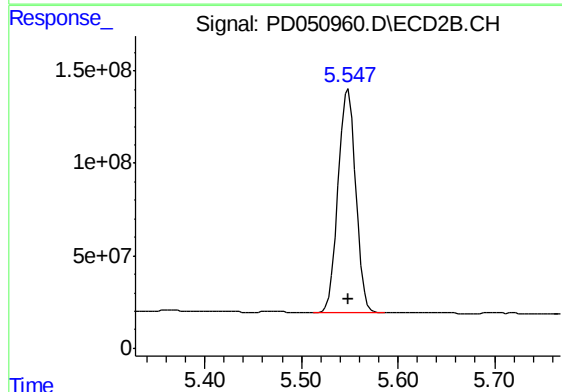
#5 Aldrin

R.T.: 4.427 min
Delta R.T.: 0.000 min
Response: 116046111
Conc: 48.91 ng/ml

Instrument :
ECD_D
ClientSampleId :
MH-448-CMS

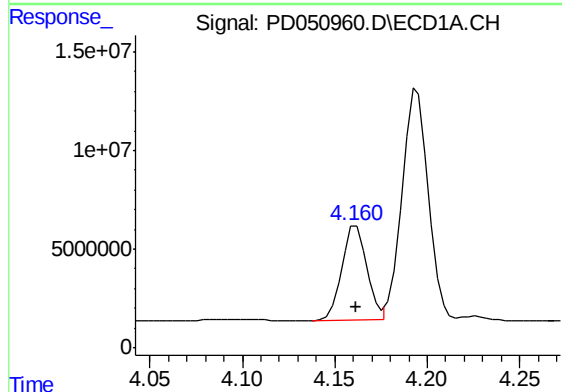
Manual Integrations
APPROVED

Sohil
1/10/2019 10:50:26 AM



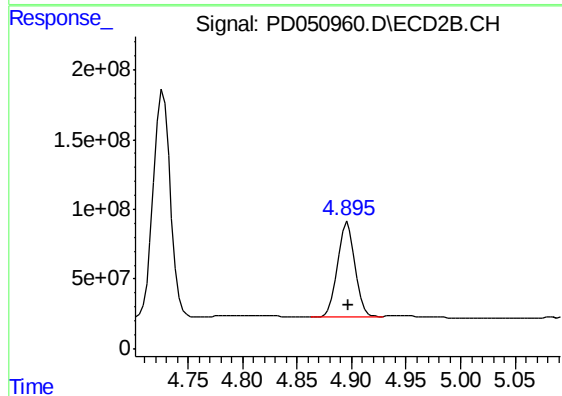
#5 Aldrin

R.T.: 5.548 min
Delta R.T.: 0.000 min
Response: 150000435
Conc: 38.32 ng/ml



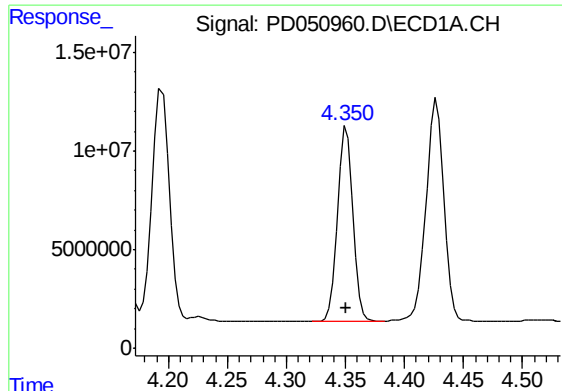
#6 beta-BHC

R.T.: 4.162 min
Delta R.T.: 0.000 min
Response: 45118982
Conc: 47.65 ng/ml



#6 beta-BHC

R.T.: 4.896 min
Delta R.T.: 0.000 min
Response: 769210466
Conc: 42.51 ng/ml



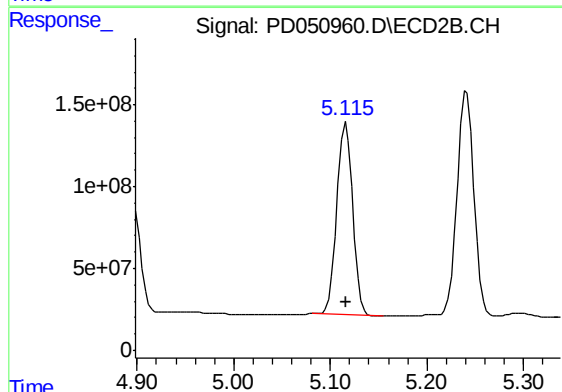
#7 delta-BHC

R.T.: 4.351 min
Delta R.T.: 0.000 min
Response: 91679204
Conc: 40.72 ng/ml

Instrument :
ECD_D
ClientSampleId :
MH-448-CMS

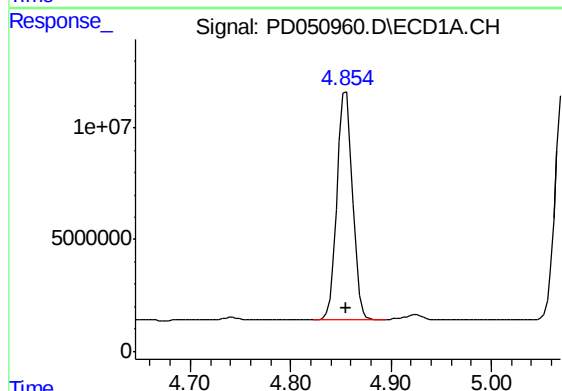
Manual Integrations
APPROVED

Sohil
1/10/2019 10:50:26 AM



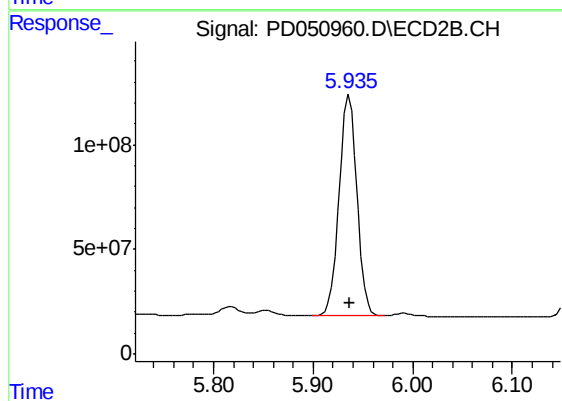
#7 delta-BHC

R.T.: 5.116 min
Delta R.T.: 0.000 min
Response: 1309148891
Conc: 33.69 ng/ml



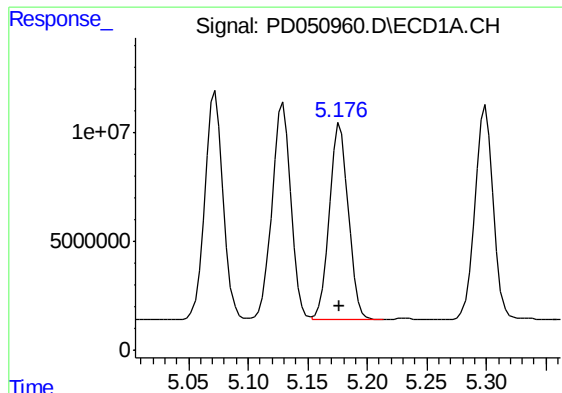
#8 Heptachlor epoxide

R.T.: 4.855 min
Delta R.T.: 0.000 min
Response: 108805758
Conc: 48.41 ng/ml



#8 Heptachlor epoxide

R.T.: 5.936 min
Delta R.T.: 0.000 min
Response: 1311790629
Conc: 37.62 ng/ml



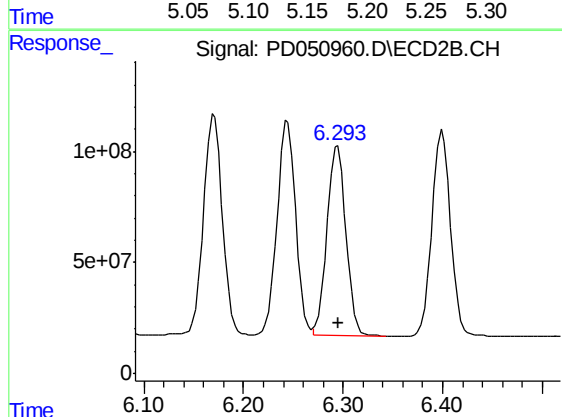
#9 Endosulfan I

R.T.: 5.178 min
Delta R.T.: 0.000 min
Response: 98733247
Conc: 46.31 ng/ml

Instrument :
ECD_D
ClientSampleId :
MH-448-CMS

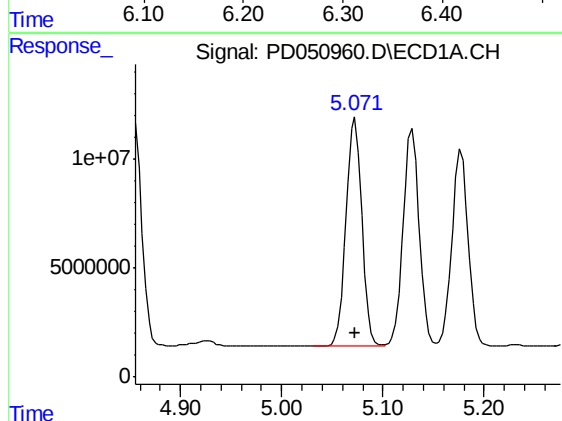
Manual Integrations
APPROVED

Sohil
1/10/2019 10:50:26 AM



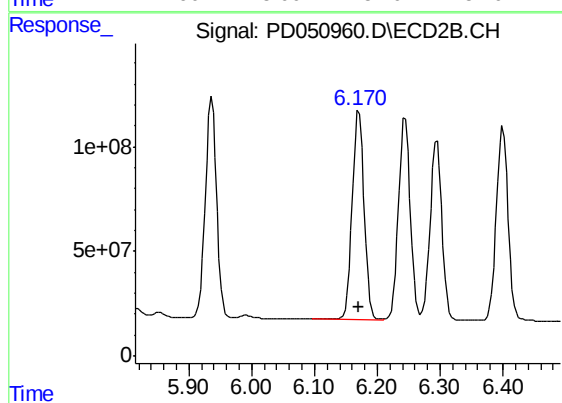
#9 Endosulfan I

R.T.: 6.295 min
Delta R.T.: 0.000 min
Response: 1127608380
Conc: 35.84 ng/ml



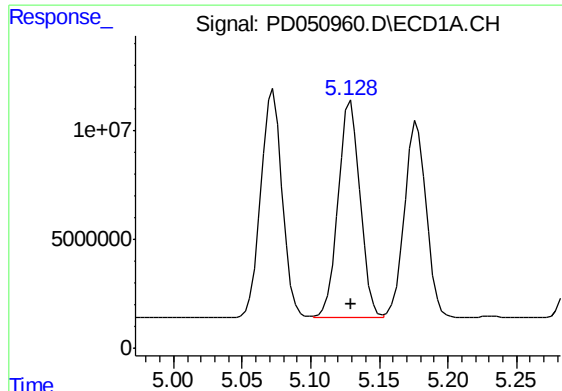
#10 gamma-Chlordane

R.T.: 5.073 min
Delta R.T.: 0.000 min
Response: 113073559
Conc: 48.27 ng/ml



#10 gamma-Chlordane

R.T.: 6.171 min
Delta R.T.: 0.000 min
Response: 1300470112
Conc: 37.44 ng/ml



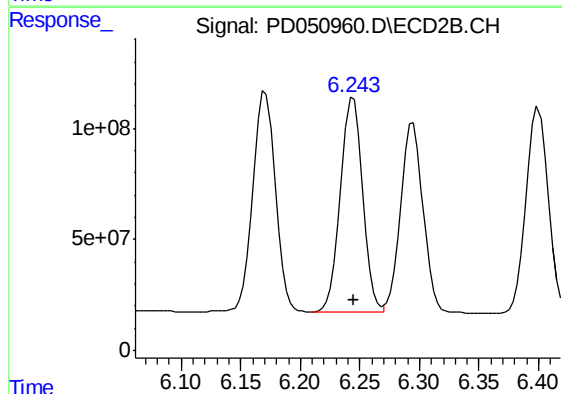
#11 alpha-Chlordane

R.T.: 5.129 min
Delta R.T.: 0.000 min
Response: 110392140
Conc: 47.78 ng/ml

Instrument :
ECD_D
ClientSampleId :
MH-448-CMS

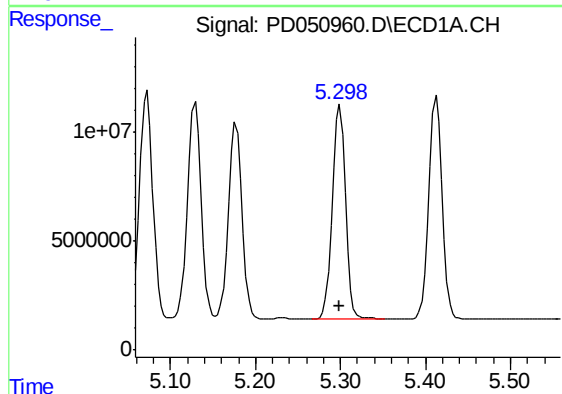
Manual Integrations
APPROVED

Sohil
1/10/2019 10:50:26 AM



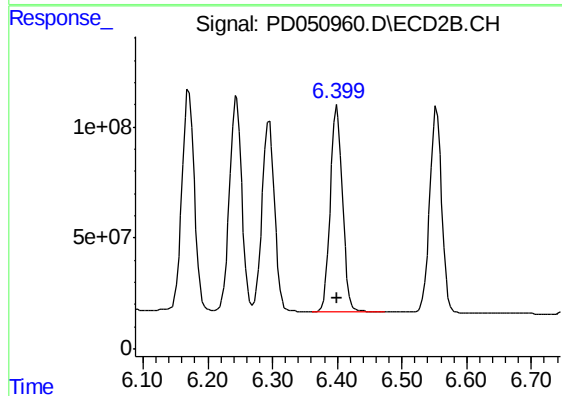
#11 alpha-Chlordane

R.T.: 6.244 min
Delta R.T.: 0.000 min
Response: 1249668849
Conc: 36.87 ng/ml



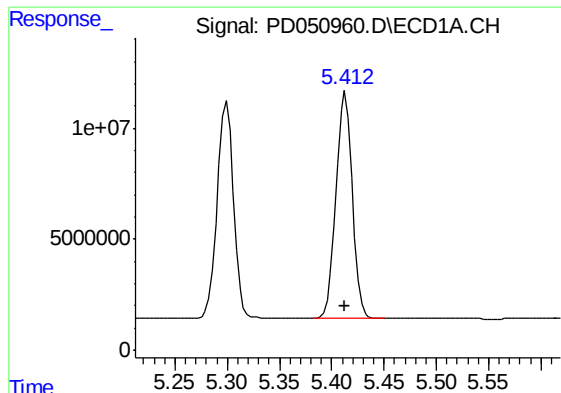
#12 4,4'-DDE

R.T.: 5.300 min
Delta R.T.: 0.000 min
Response: 106888408
Conc: 49.52 ng/ml



#12 4,4'-DDE

R.T.: 6.400 min
Delta R.T.: 0.000 min
Response: 1204463118
Conc: 36.53 ng/ml



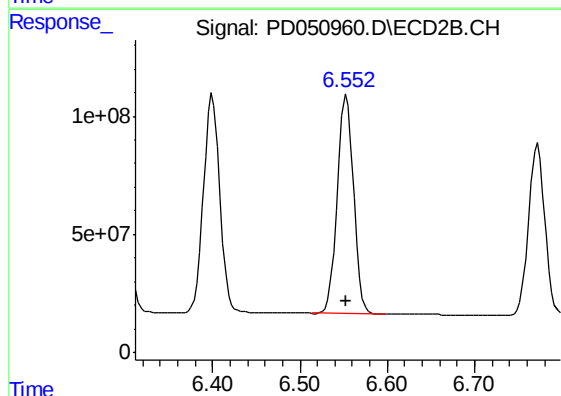
#13 Dieldrin

R.T.: 5.413 min
Delta R.T.: 0.000 min
Response: 111899177
Conc: 47.78 ng/ml

Instrument :
ECD_D
ClientSampleId :
MH-448-CMS

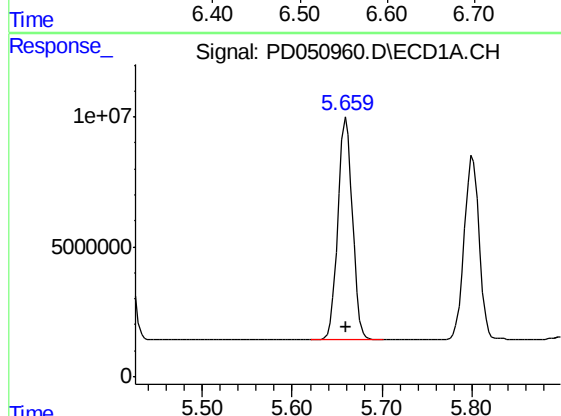
Manual Integrations
APPROVED

Sohil
1/10/2019 10:50:26 AM



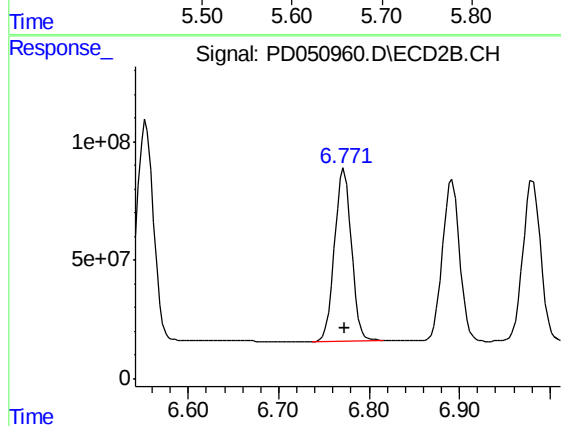
#13 Dieldrin

R.T.: 6.554 min
Delta R.T.: 0.000 min
Response: 1198301147
Conc: 35.92 ng/ml



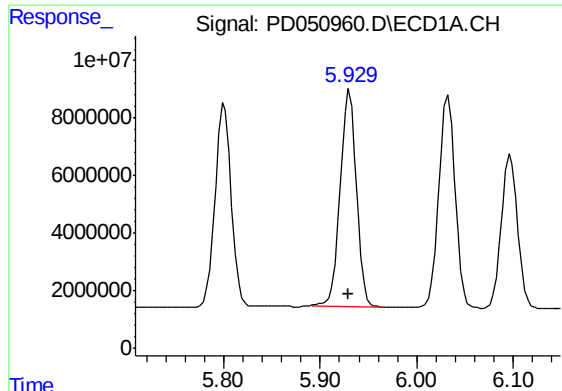
#14 Endrin

R.T.: 5.660 min
Delta R.T.: 0.000 min
Response: 96637479
Conc: 44.12 ng/ml



#14 Endrin

R.T.: 6.771 min
Delta R.T.: -0.002 min
Response: 933733194
Conc: 33.15 ng/ml m



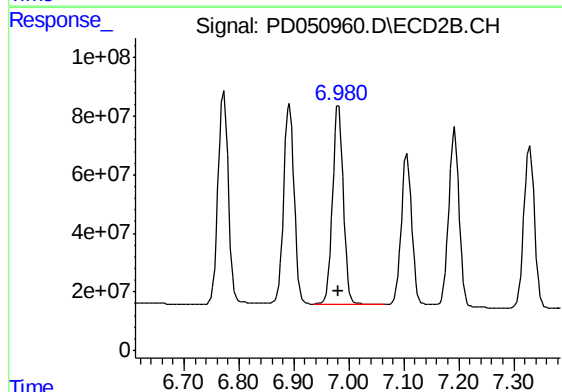
#15 Endosulfan II

R.T.: 5.930 min
Delta R.T.: 0.000 min
Response: 86439150
Conc: 43.23 ng/ml

Instrument :
ECD_D
ClientSampleId :
MH-448-CMS

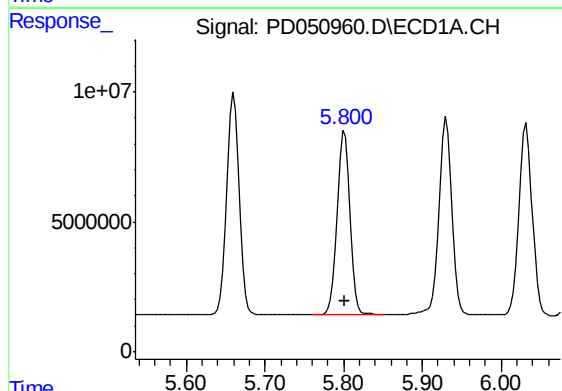
Manual Integrations
APPROVED

Sohil
1/10/2019 10:50:26 AM



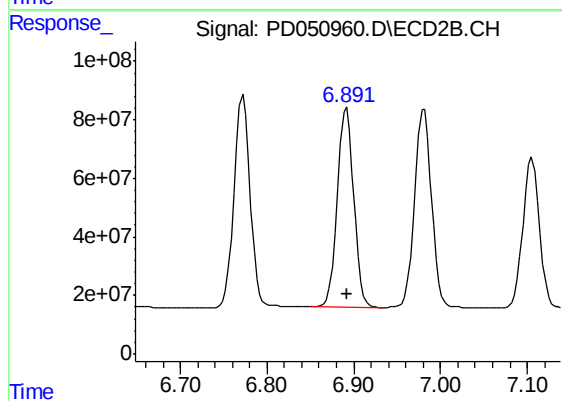
#15 Endosulfan II

R.T.: 6.981 min
Delta R.T.: 0.000 min
Response: 930809863
Conc: 34.01 ng/ml



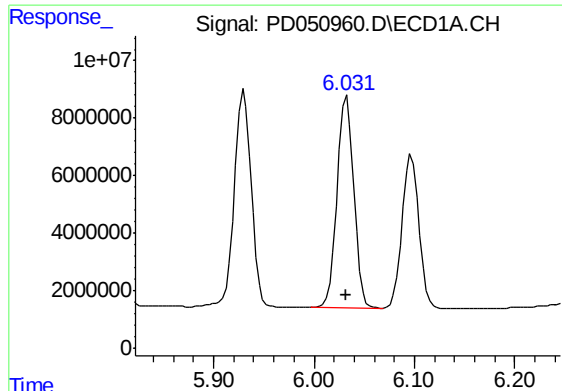
#16 4,4'-DDD

R.T.: 5.801 min
Delta R.T.: 0.000 min
Response: 81941170
Conc: 46.41 ng/ml



#16 4,4'-DDD

R.T.: 6.892 min
Delta R.T.: 0.000 min
Response: 899433888
Conc: 34.28 ng/ml



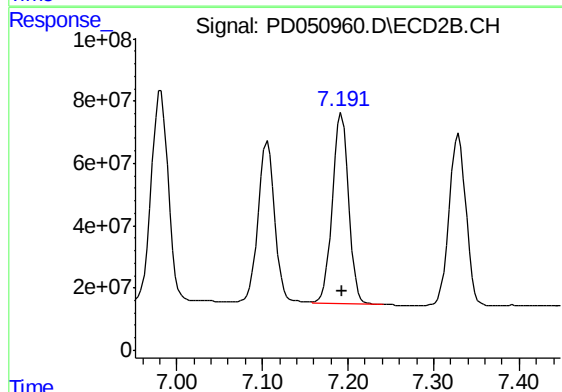
#17 4,4'-DDT

R.T.: 6.033 min
Delta R.T.: 0.000 min
Response: 84477917
Conc: 44.90 ng/ml

Instrument :
ECD_D
ClientSampleId :
MH-448-CMS

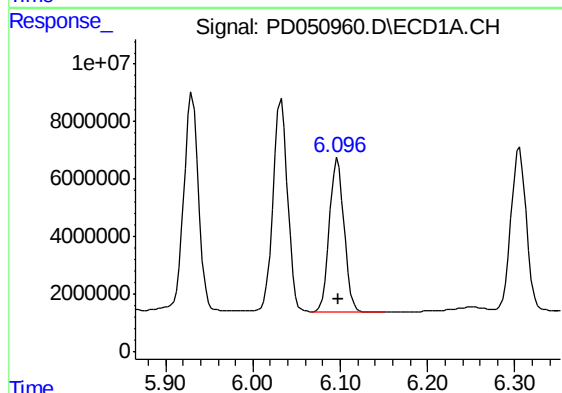
Manual Integrations
APPROVED

Sohil
1/10/2019 10:50:26 AM



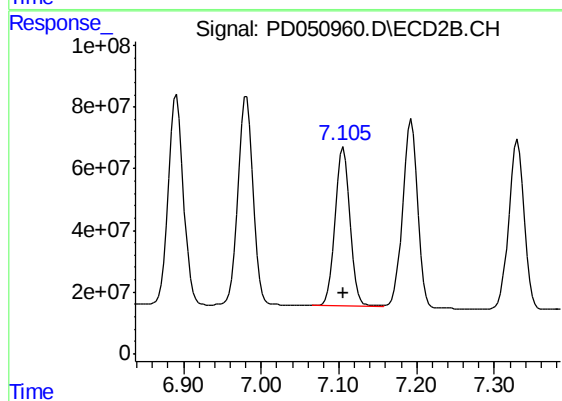
#17 4,4'-DDT

R.T.: 7.193 min
Delta R.T.: 0.000 min
Response: 806870902
Conc: 33.80 ng/ml



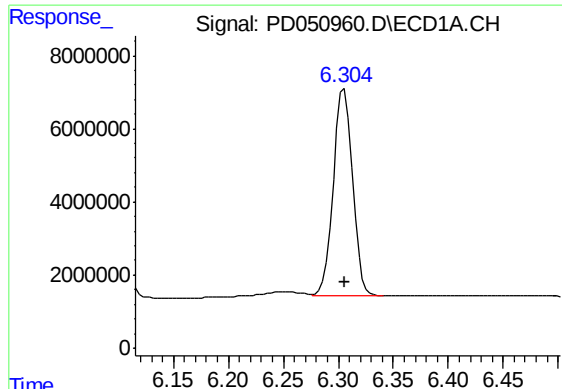
#18 Endrin aldehyde

R.T.: 6.097 min
Delta R.T.: 0.000 min
Response: 62802247
Conc: 38.90 ng/ml



#18 Endrin aldehyde

R.T.: 7.106 min
Delta R.T.: 0.000 min
Response: 695276446
Conc: 30.51 ng/ml



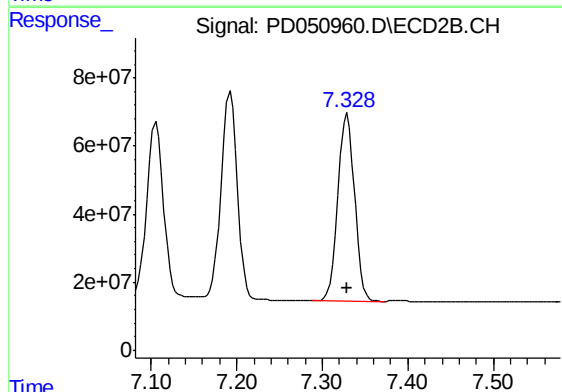
#19 Endosulfan Sulfate

R.T.: 6.304 min
Delta R.T.: -0.001 min
Response: 69046515
Conc: 35.25 ng/ml m

Instrument :
ECD_D
ClientSampleId :
MH-448-CMS

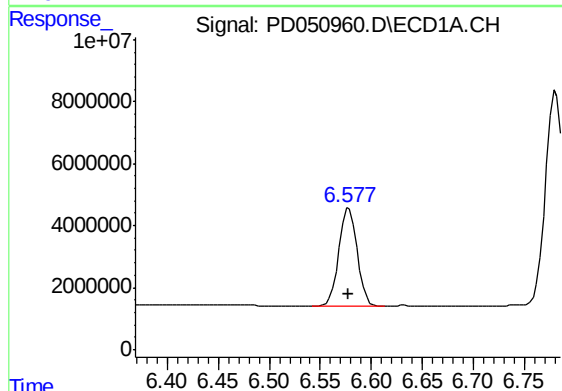
Manual Integrations
APPROVED

Sohil
1/10/2019 10:50:26 AM



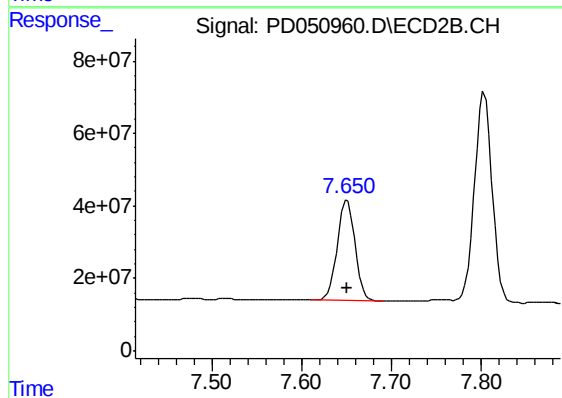
#19 Endosulfan Sulfate

R.T.: 7.329 min
Delta R.T.: 0.000 min
Response: 743894462
Conc: 27.56 ng/ml



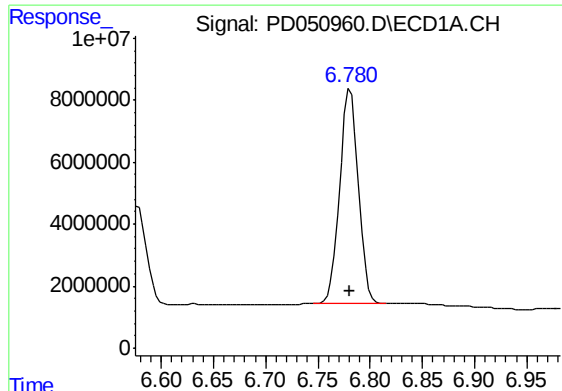
#20 Methoxychlor

R.T.: 6.578 min
Delta R.T.: 0.000 min
Response: 39327859
Conc: 41.15 ng/ml



#20 Methoxychlor

R.T.: 7.651 min
Delta R.T.: 0.000 min
Response: 381645604
Conc: 31.35 ng/ml



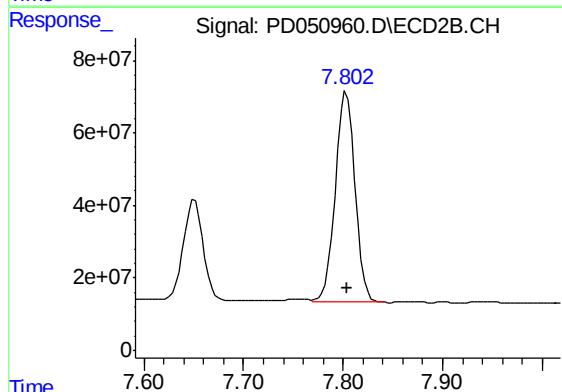
#21 Endrin ketone

R.T.: 6.781 min
Delta R.T.: 0.000 min
Response: 86661090
Conc: 40.72 ng/ml

Instrument :
ECD_D
ClientSampleId :
MH-448-CMS

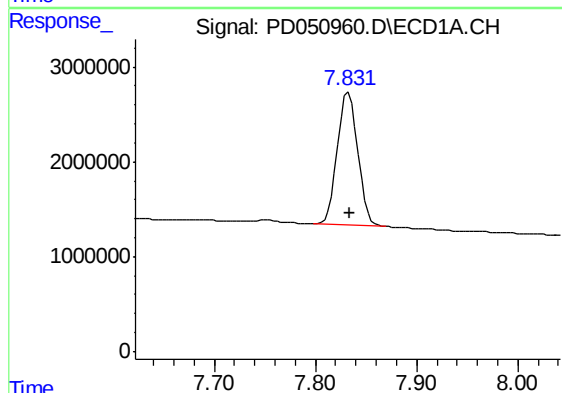
Manual Integrations
APPROVED

Sohil
1/10/2019 10:50:26 AM



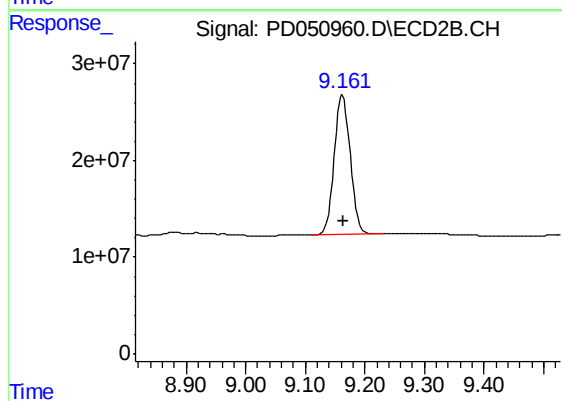
#21 Endrin ketone

R.T.: 7.802 min
Delta R.T.: -0.002 min
Response: 792783443
Conc: 31.18 ng/ml m



#28 Decachlorobiphenyl

R.T.: 7.831 min
Delta R.T.: -0.002 min
Response: 19583094
Conc: 16.13 ng/ml m



#28 Decachlorobiphenyl

R.T.: 9.163 min
Delta R.T.: 0.000 min
Response: 270981446
Conc: 13.58 ng/ml