

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD080619\
 Data File : PD054203.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 06 Aug 2019 13:50
 Operator : SM\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PSTDCCC050

Manual Integrations
 APPROVED

Ankita
 8/7/2019 4:20:19 PM

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 07 01:00:44 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD071919.M
 Quant Title : GC Extractables
 QLast Update : Fri Jul 19 04:33:23 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...	3.312	3.982	29269531	44930583	50.856	51.578
28)	SA Decachlor...	8.007	9.024	29805046	41581785	44.275	44.854
Target Compounds							
2)	A alpha-BHC	3.742	4.369	45155389	67491071	52.136	53.503
3)	MA gamma-BHC...	4.019	4.652	42204124	63797012	51.450	52.015
4)	MA Heptachlor	4.307	5.159	37320654	63183279	51.214	50.438
5)	MB Aldrin	4.548	5.463	40415328	61524474	50.857	50.038
6)	B beta-BHC	4.268	4.818	17965501	29544648	51.006	52.768
7)	B delta-BHC	4.465	5.035	42762380	66485222	51.003	51.364
8)	B Heptachlor...	4.986	5.847	37571191	59205232	49.525	48.960
9)	A Endosulfan I	5.318	6.202	35734438	55276915	48.096	47.601
10)	B gamma-Chl...	5.209	6.079	39160906	61924490	48.145	47.010
11)	B alpha-Chl...	5.266	6.152	38797379	60727102	47.890	46.770
12)	B 4,4'-DDE	5.436	6.308	36232383	57711194	45.725	46.969
13)	MA Dieldrin	5.560	6.458	38803027	60010838	47.780	47.759
14)	MA Endrin	5.813	6.675	32488234	46146406	43.382	44.028
15)	B Endosulfa...	6.087	6.881	34843664	53805527	46.568	46.531
16)	A 4,4'-DDD	5.947	6.795	29262427	49596652	48.894	49.092
17)	MA 4,4'-DDT	6.183	7.093	25813241	44004427	44.823m	44.668
18)	B Endrin al...	6.256	7.005	29357664	46275147	46.220	46.530
19)	B Endosulfa...	6.466	7.227	31792581	49968326	45.227	45.984
20)	A Methoxychlor	6.734	7.549	12889231	24003458	45.102	44.736
21)	B Endrin ke...	6.951	7.697	38502634	57732261	48.043m	47.483
22)	Mirex	7.130	8.152	28716992	40646154	44.142	44.100

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD080619\
Data File : PD054203.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 06 Aug 2019 13:50
Operator : SM\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

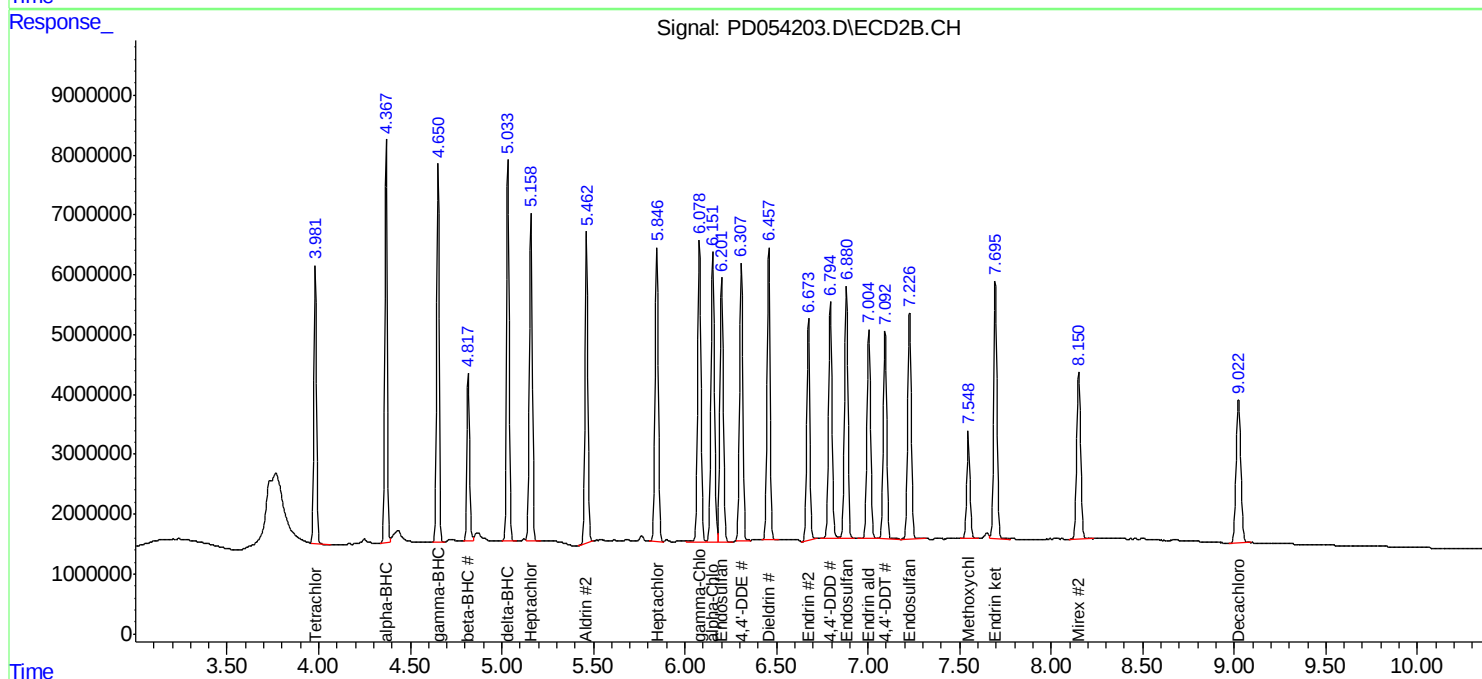
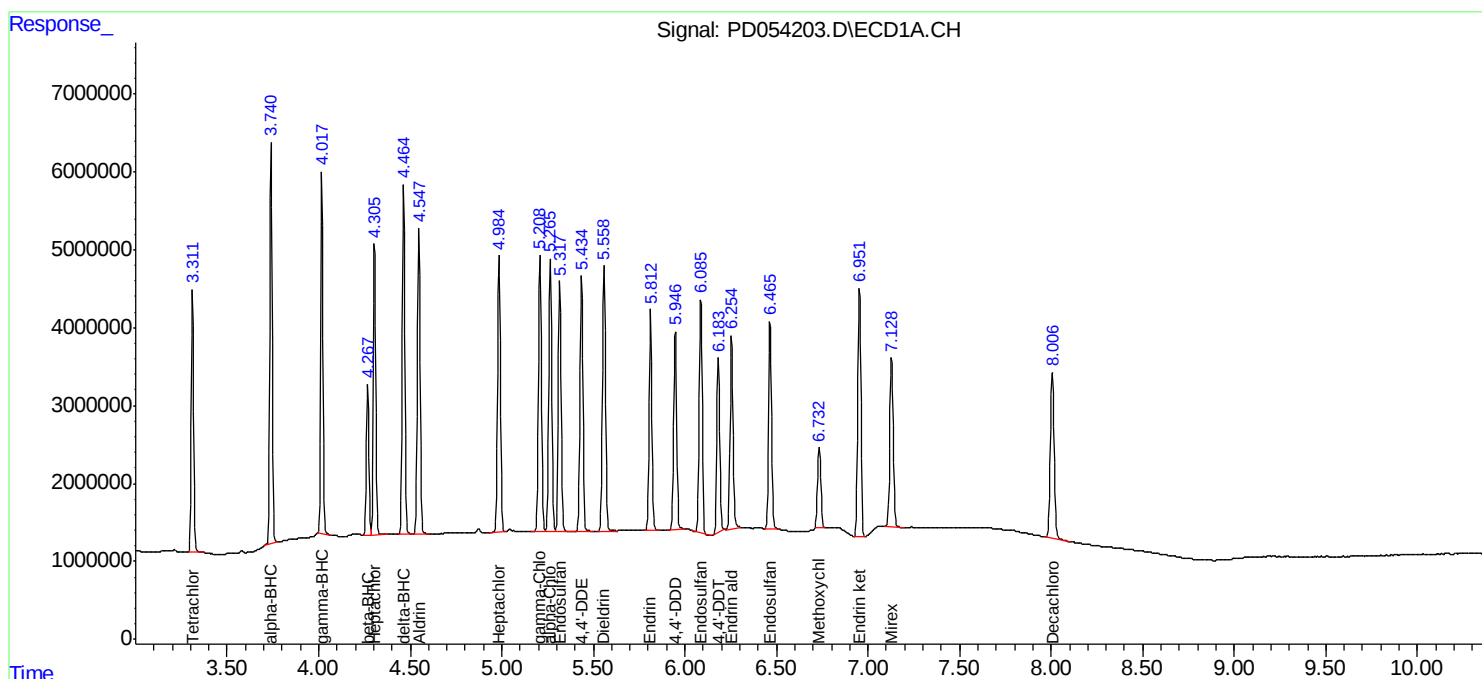
Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

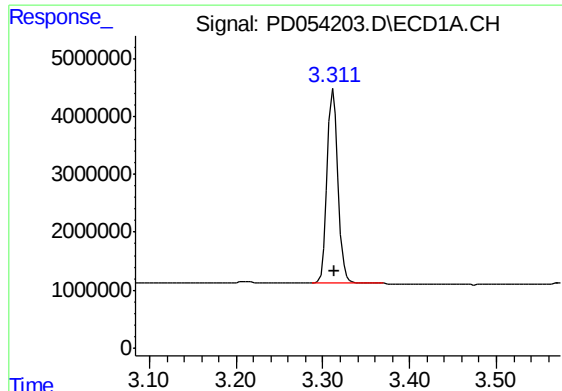
Manual Integrations
APPROVED

Ankita
8/7/2019 4:20:19 PM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 07 01:00:44 2019
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD071919.M
Quant Title : GC Extractables
QLast Update : Fri Jul 19 04:33:23 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





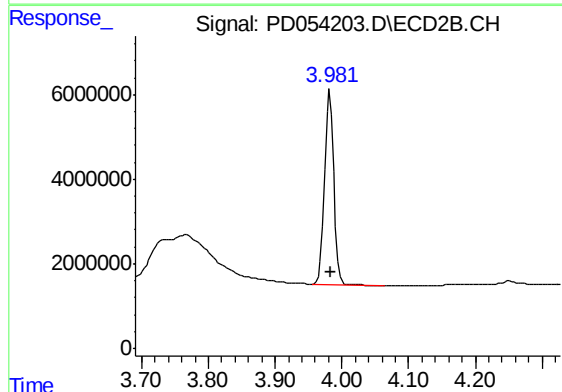
#1 Tetrachloro-m-xylene

R.T.: 3.312 min
Delta R.T.: 0.000 min
Response: 29269531
Conc: 50.86 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

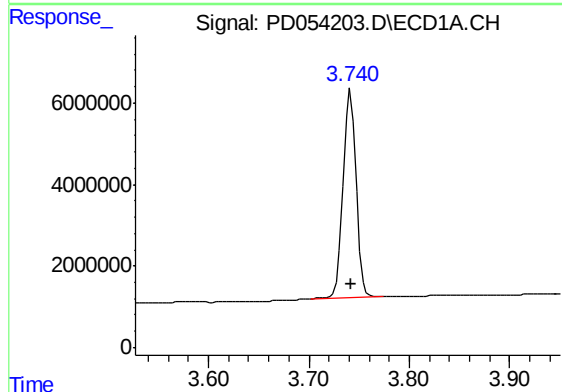
Manual Integrations
APPROVED

Ankita
8/7/2019 4:20:19 PM



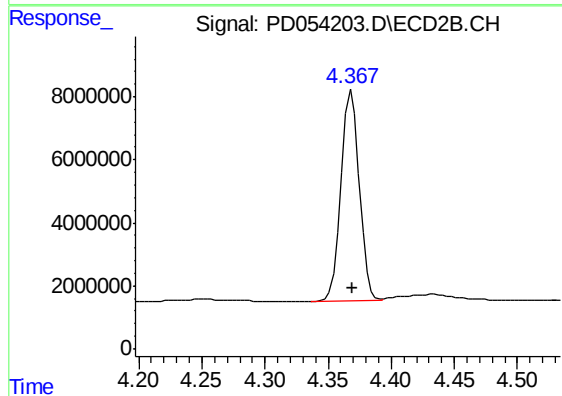
#1 Tetrachloro-m-xylene

R.T.: 3.982 min
Delta R.T.: 0.000 min
Response: 44930583
Conc: 51.58 ng/ml



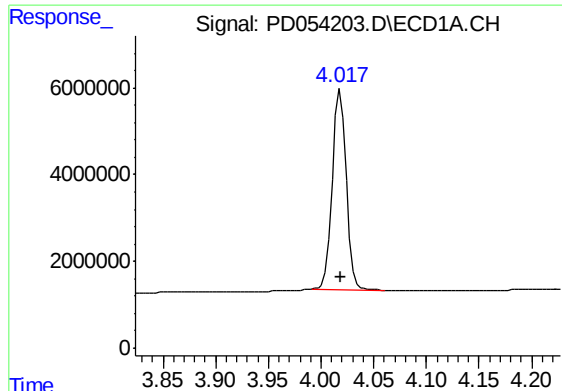
#2 alpha-BHC

R.T.: 3.742 min
Delta R.T.: 0.000 min
Response: 45155389
Conc: 52.14 ng/ml



#2 alpha-BHC

R.T.: 4.369 min
Delta R.T.: 0.000 min
Response: 67491071
Conc: 53.50 ng/ml



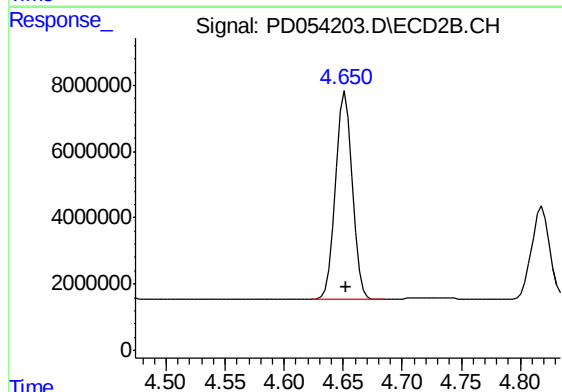
#3 gamma-BHC (Lindane)

R.T.: 4.019 min
Delta R.T.: 0.000 min
Response: 42204124
Conc: 51.45 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

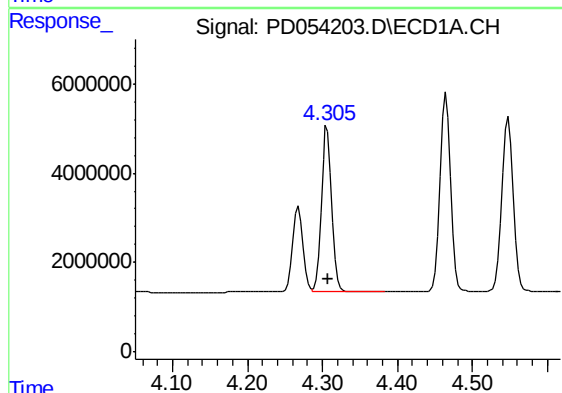
Manual Integrations
APPROVED

Ankita
8/7/2019 4:20:19 PM



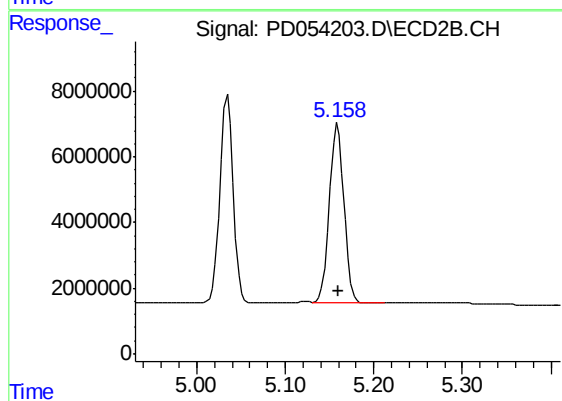
#3 gamma-BHC (Lindane)

R.T.: 4.652 min
Delta R.T.: 0.000 min
Response: 63797012
Conc: 52.02 ng/ml



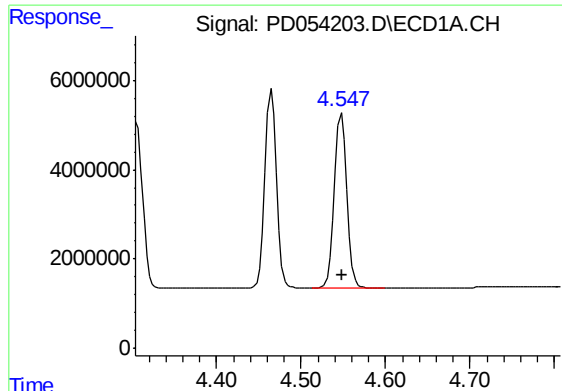
#4 Heptachlor

R.T.: 4.307 min
Delta R.T.: -0.001 min
Response: 37320654
Conc: 51.21 ng/ml



#4 Heptachlor

R.T.: 5.159 min
Delta R.T.: -0.001 min
Response: 63183279
Conc: 50.44 ng/ml



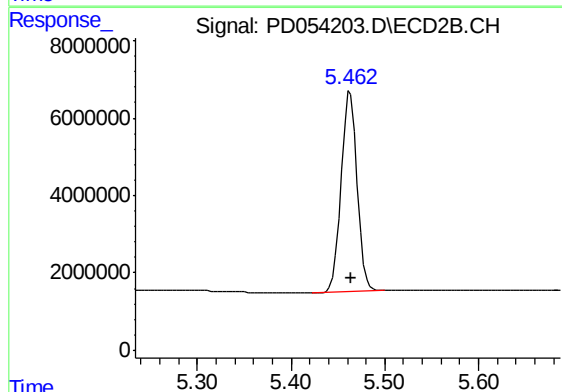
#5 Aldrin

R.T.: 4.548 min
Delta R.T.: 0.000 min
Response: 40415328
Conc: 50.86 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

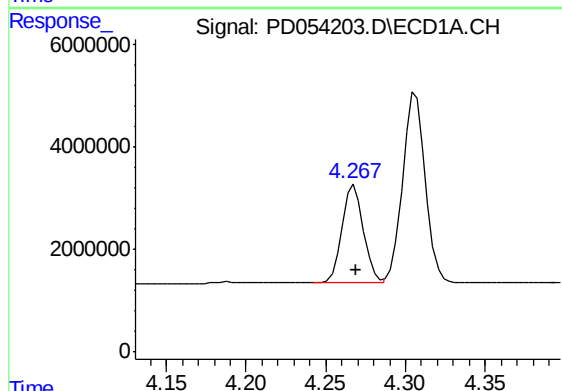
Manual Integrations
APPROVED

Ankita
8/7/2019 4:20:19 PM



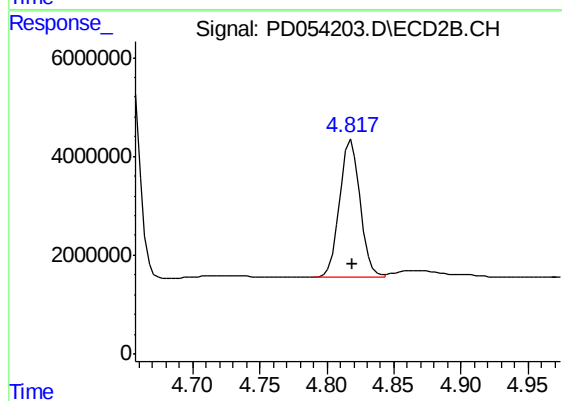
#5 Aldrin

R.T.: 5.463 min
Delta R.T.: -0.001 min
Response: 61524474
Conc: 50.04 ng/ml



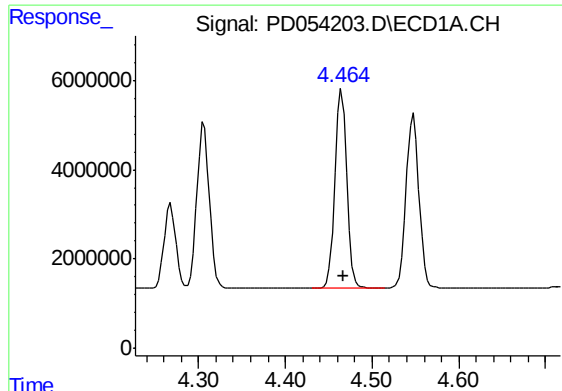
#6 beta-BHC

R.T.: 4.268 min
Delta R.T.: 0.000 min
Response: 17965501
Conc: 51.01 ng/ml



#6 beta-BHC

R.T.: 4.818 min
Delta R.T.: 0.000 min
Response: 29544648
Conc: 52.77 ng/ml



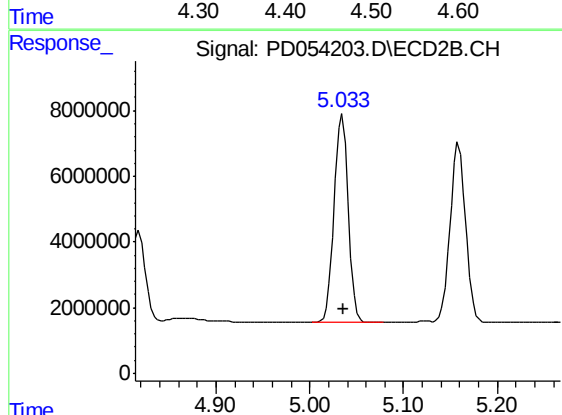
#7 delta-BHC

R.T.: 4.465 min
Delta R.T.: -0.001 min
Response: 42762380
Conc: 51.00 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

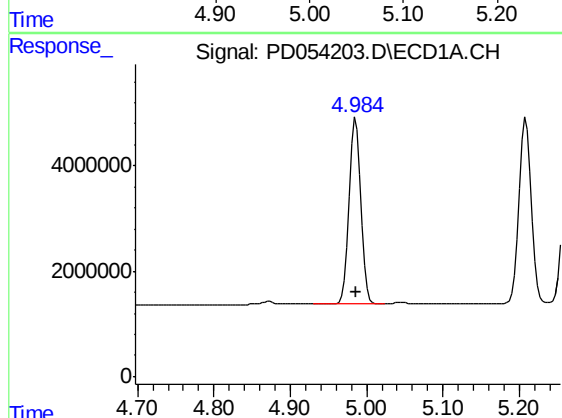
Manual Integrations
APPROVED

Ankita
8/7/2019 4:20:19 PM



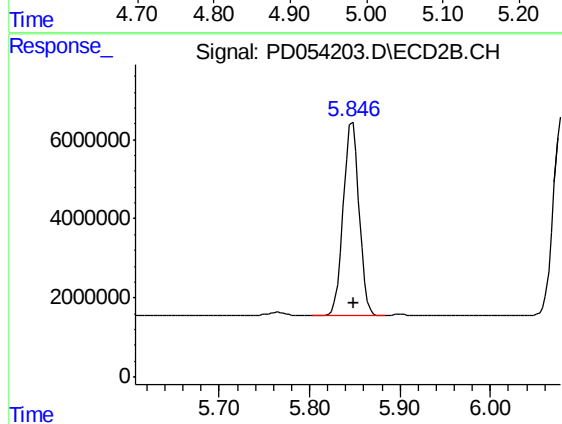
#7 delta-BHC

R.T.: 5.035 min
Delta R.T.: 0.000 min
Response: 66485222
Conc: 51.36 ng/ml



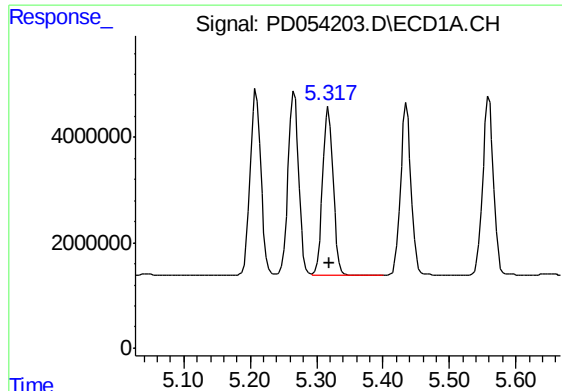
#8 Heptachlor epoxide

R.T.: 4.986 min
Delta R.T.: 0.000 min
Response: 37571191
Conc: 49.53 ng/ml



#8 Heptachlor epoxide

R.T.: 5.847 min
Delta R.T.: 0.000 min
Response: 59205232
Conc: 48.96 ng/ml



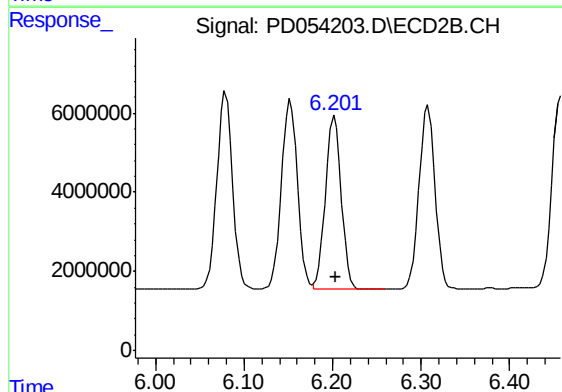
#9 Endosulfan I

R.T.: 5.318 min
Delta R.T.: 0.000 min
Response: 35734438
Conc: 48.10 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

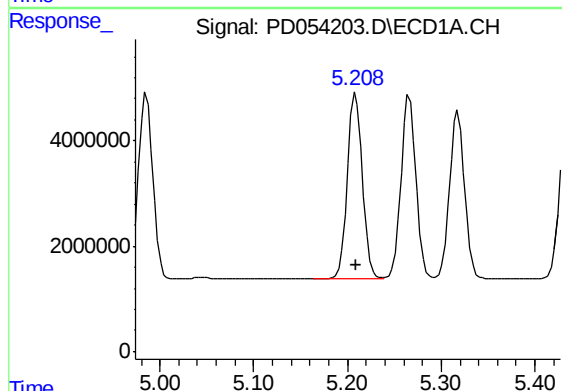
Manual Integrations
APPROVED

Ankita
8/7/2019 4:20:19 PM



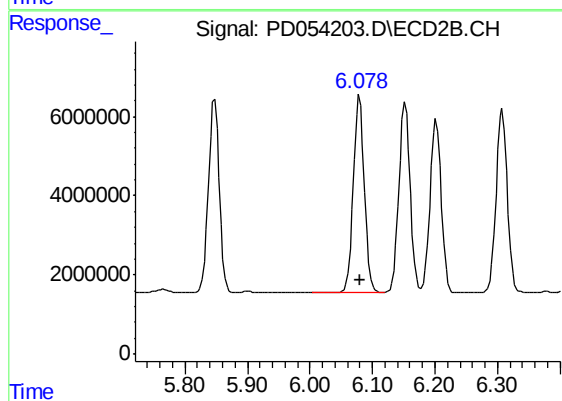
#9 Endosulfan I

R.T.: 6.202 min
Delta R.T.: 0.000 min
Response: 55276915
Conc: 47.60 ng/ml



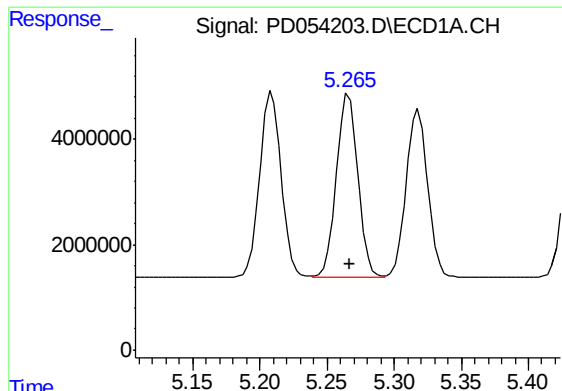
#10 gamma-Chlordane

R.T.: 5.209 min
Delta R.T.: 0.000 min
Response: 39160906
Conc: 48.15 ng/ml



#10 gamma-Chlordane

R.T.: 6.079 min
Delta R.T.: -0.002 min
Response: 61924490
Conc: 47.01 ng/ml



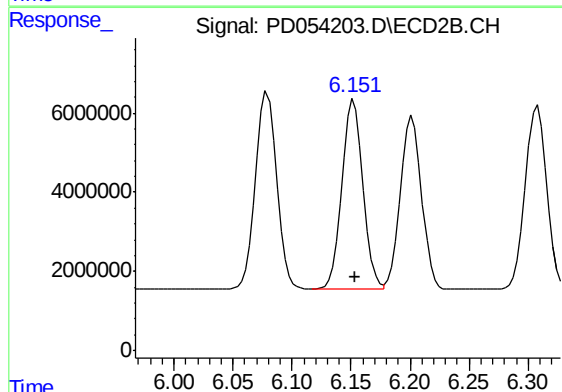
#11 alpha-Chlordane

R.T.: 5.266 min
Delta R.T.: 0.000 min
Response: 38797379
Conc: 47.89 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

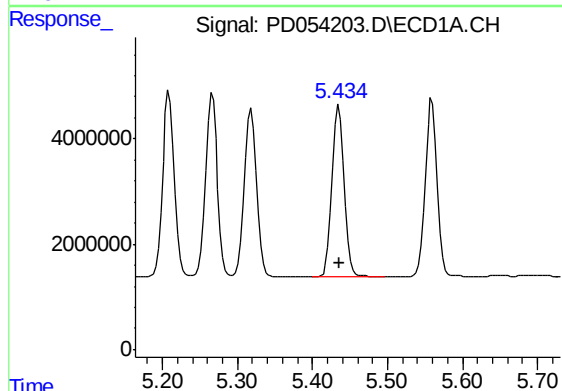
Manual Integrations
APPROVED

Ankita
8/7/2019 4:20:19 PM



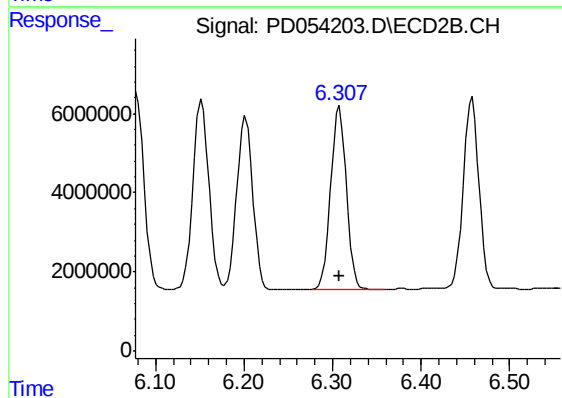
#11 alpha-Chlordane

R.T.: 6.152 min
Delta R.T.: -0.001 min
Response: 60727102
Conc: 46.77 ng/ml



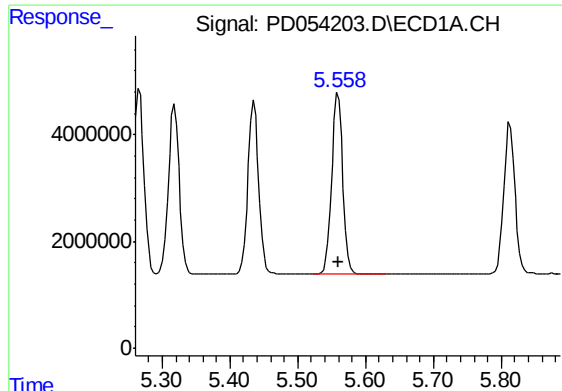
#12 4,4'-DDE

R.T.: 5.436 min
Delta R.T.: 0.000 min
Response: 36232383
Conc: 45.72 ng/ml



#12 4,4'-DDE

R.T.: 6.308 min
Delta R.T.: 0.000 min
Response: 57711194
Conc: 46.97 ng/ml



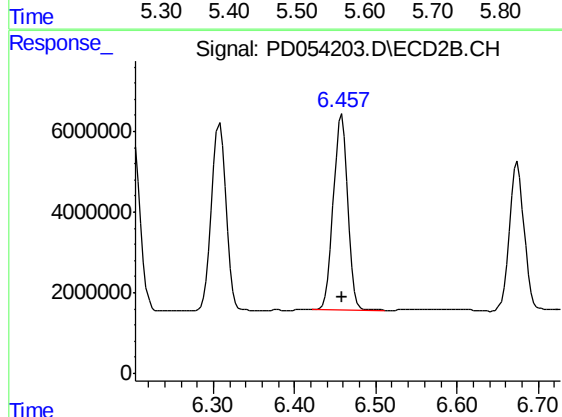
#13 Dieldrin

R.T.: 5.560 min
Delta R.T.: 0.000 min
Response: 38803027
Conc: 47.78 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

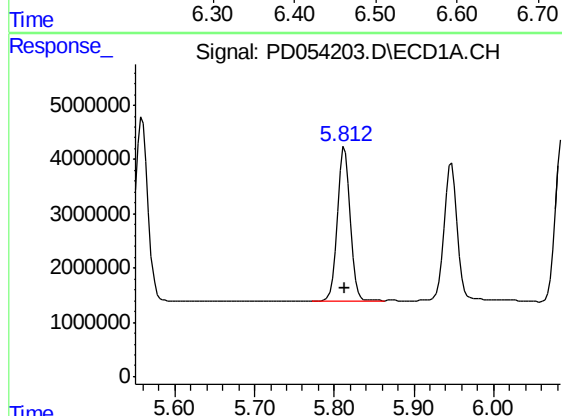
Manual Integrations
APPROVED

Ankita
8/7/2019 4:20:19 PM



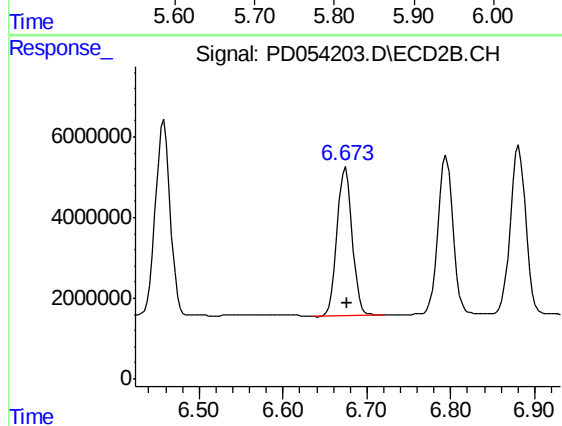
#13 Dieldrin

R.T.: 6.458 min
Delta R.T.: -0.001 min
Response: 60010838
Conc: 47.76 ng/ml



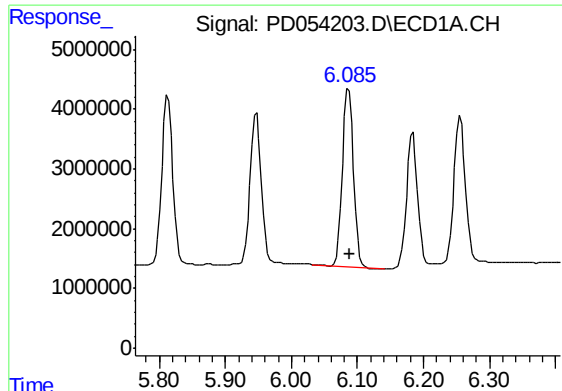
#14 Endrin

R.T.: 5.813 min
Delta R.T.: 0.000 min
Response: 32488234
Conc: 43.38 ng/ml



#14 Endrin

R.T.: 6.675 min
Delta R.T.: -0.001 min
Response: 46146406
Conc: 44.03 ng/ml



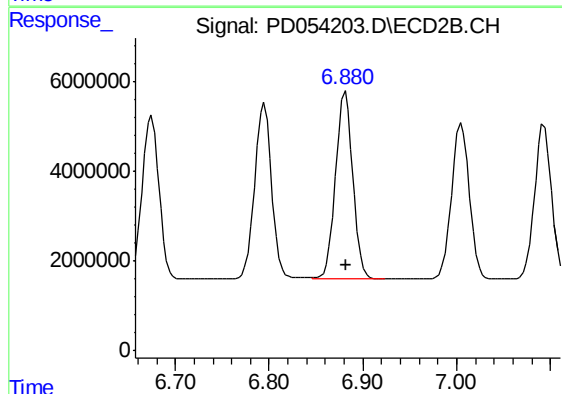
#15 Endosulfan II

R.T.: 6.087 min
Delta R.T.: -0.001 min
Response: 34843664
Conc: 46.57 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

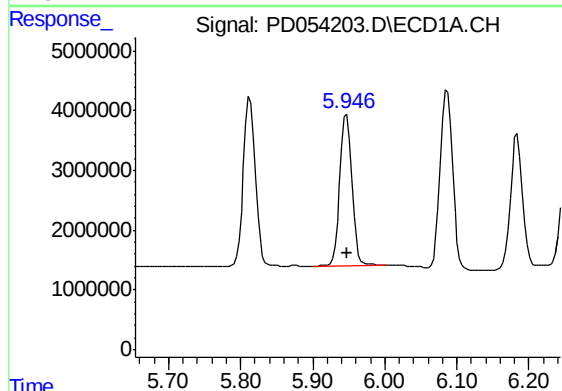
Manual Integrations
APPROVED

Ankita
8/7/2019 4:20:19 PM



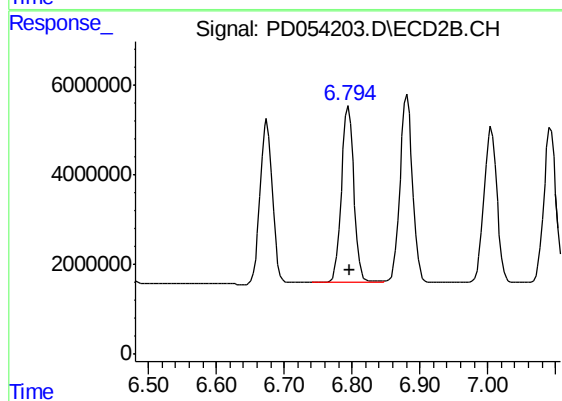
#15 Endosulfan II

R.T.: 6.881 min
Delta R.T.: -0.001 min
Response: 53805527
Conc: 46.53 ng/ml



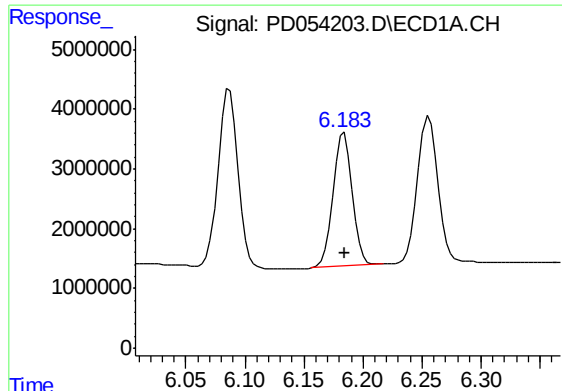
#16 4,4'-DDD

R.T.: 5.947 min
Delta R.T.: 0.000 min
Response: 29262427
Conc: 48.89 ng/ml



#16 4,4'-DDD

R.T.: 6.795 min
Delta R.T.: -0.001 min
Response: 49596652
Conc: 49.09 ng/ml



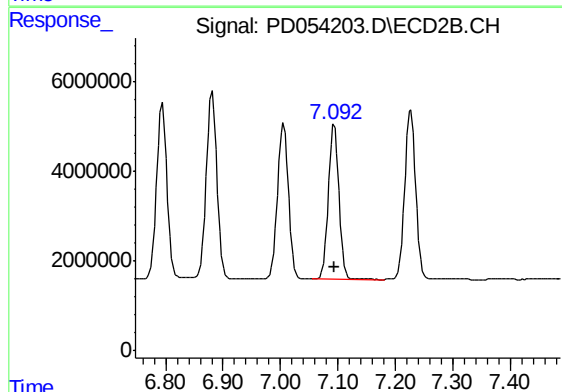
#17 4,4'-DDT

R.T.: 6.183 min
Delta R.T.: -0.002 min
Response: 25813241
Conc: 44.82 ng/ml m

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

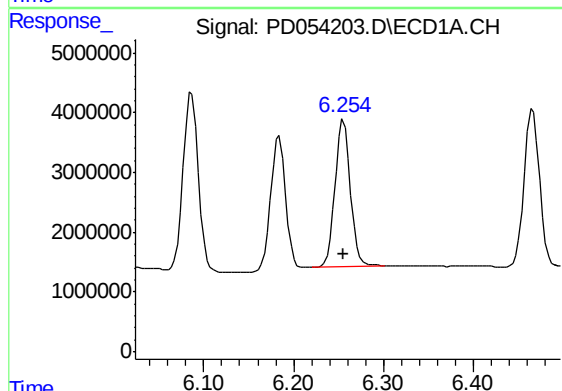
Manual Integrations
APPROVED

Ankita
8/7/2019 4:20:19 PM



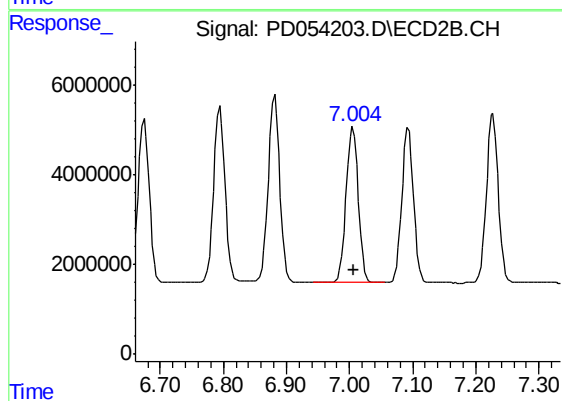
#17 4,4'-DDT

R.T.: 7.093 min
Delta R.T.: -0.001 min
Response: 44004427
Conc: 44.67 ng/ml



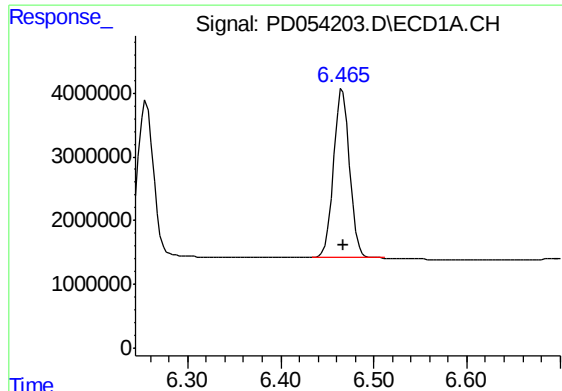
#18 Endrin aldehyde

R.T.: 6.256 min
Delta R.T.: 0.000 min
Response: 29357664
Conc: 46.22 ng/ml



#18 Endrin aldehyde

R.T.: 7.005 min
Delta R.T.: -0.001 min
Response: 46275147
Conc: 46.53 ng/ml



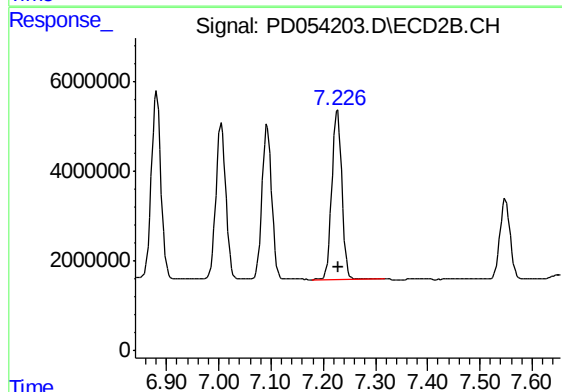
#19 Endosulfan Sulfate

R.T.: 6.466 min
Delta R.T.: 0.000 min
Response: 31792581
Conc: 45.23 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

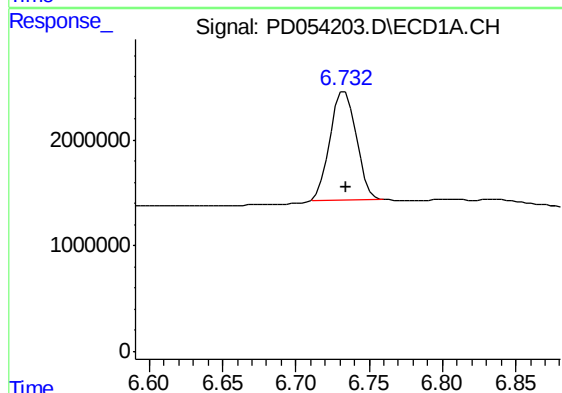
Manual Integrations
APPROVED

Ankita
8/7/2019 4:20:19 PM



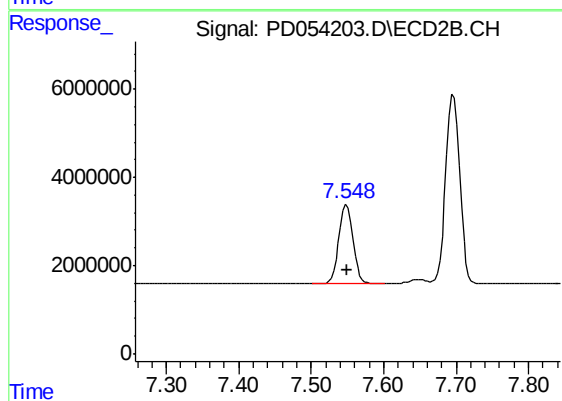
#19 Endosulfan Sulfate

R.T.: 7.227 min
Delta R.T.: 0.000 min
Response: 49968326
Conc: 45.98 ng/ml



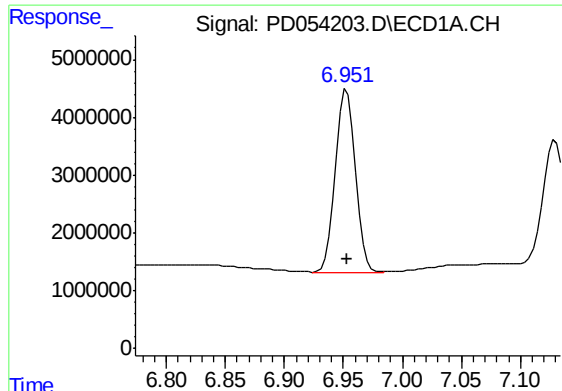
#20 Methoxychlor

R.T.: 6.734 min
Delta R.T.: 0.000 min
Response: 12889231
Conc: 45.10 ng/ml



#20 Methoxychlor

R.T.: 7.549 min
Delta R.T.: 0.000 min
Response: 24003458
Conc: 44.74 ng/ml



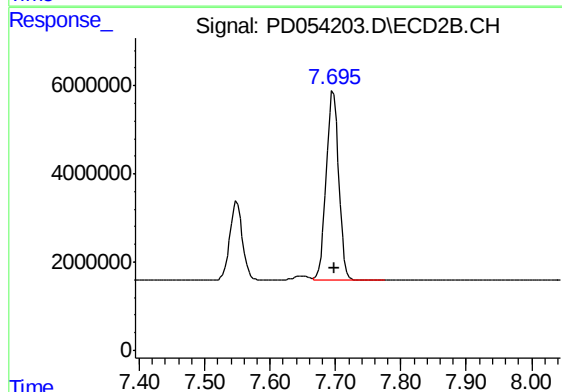
#21 Endrin ketone

R.T.: 6.951 min
Delta R.T.: -0.002 min
Response: 38502634
Conc: 48.04 ng/ml m

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

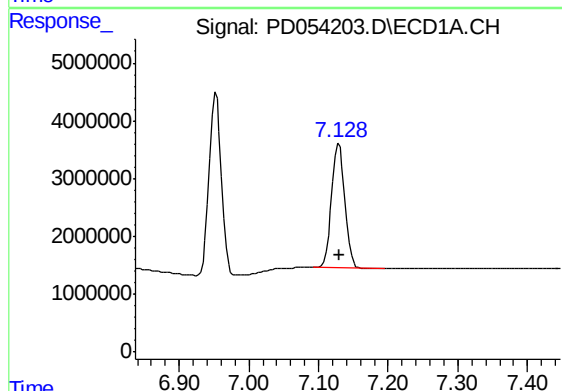
Manual Integrations
APPROVED

Ankita
8/7/2019 4:20:19 PM



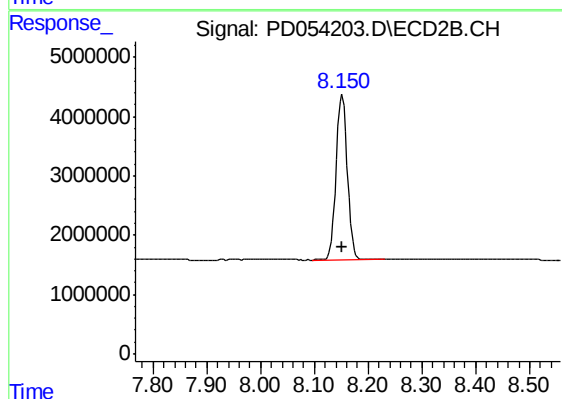
#21 Endrin ketone

R.T.: 7.697 min
Delta R.T.: -0.001 min
Response: 57732261
Conc: 47.48 ng/ml



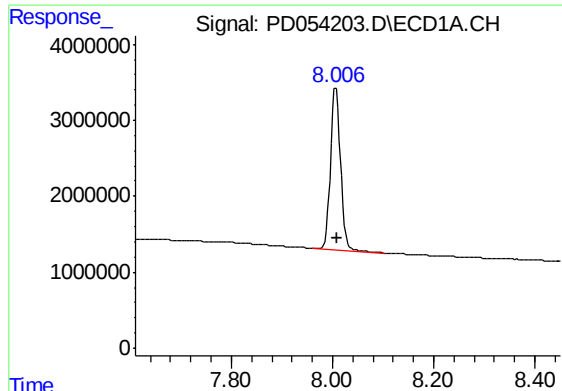
#22 Mirex

R.T.: 7.130 min
Delta R.T.: 0.000 min
Response: 28716992
Conc: 44.14 ng/ml



#22 Mirex

R.T.: 8.152 min
Delta R.T.: 0.000 min
Response: 40646154
Conc: 44.10 ng/ml



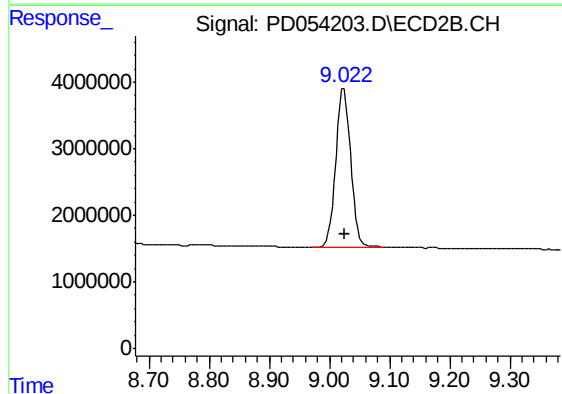
#28 Decachlorobiphenyl

R.T.: 8.007 min
Delta R.T.: -0.002 min
Response: 29805046
Conc: 44.28 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

Manual Integrations
APPROVED

Ankita
8/7/2019 4:20:19 PM



#28 Decachlorobiphenyl

R.T.: 9.024 min
Delta R.T.: -0.001 min
Response: 41581785
Conc: 44.85 ng/ml