

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD012219\
 Data File : PD051178.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 22 Jan 2019 10:36
 Operator : AJ\SJ
 Sample : K1157-03MSD
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 WC-02-011519MSD

Manual Integrations
 APPROVED

Sohil
 1/22/2019 3:00:55 PM

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jan 22 14:25:49 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD012119.M
 Quant Title : GC Extractables
 QLast Update : Tue Jan 22 02:36:55 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...	3.224	4.043	41702560	651.8E6	23.323	22.131
28)	SA Decachlor...	7.824	9.153	28391148	307.7E6	18.014	17.295
Target Compounds							
2)	A alpha-BHC	3.645	4.436	125.9E6	1750.1E6	42.771	39.468
3)	MA gamma-BHC...	3.913	4.723	130.7E6	1755.1E6	46.828	43.847
4)	MA Heptachlor	4.191	5.235	123.4E6	1675.1E6	42.812	42.268m
5)	MB Aldrin	4.423	5.543	119.4E6	1540.0E6	42.670	42.511
6)	B beta-BHC	4.158	4.894	48326245	544.0E6	43.301	31.433 #
7)	B delta-BHC	4.347	5.112	104.2E6	961.8E6	42.356	31.182 #
8)	B Heptachlor...	4.850	5.930	165.1E6	1630.9E6	61.092	48.736
9)	A Endosulfan I	5.171	6.289	120.3E6	1266.9E6	46.150	42.601
10)	B gamma-Chl...	5.068	6.165	158.4E6	2516.3E6	54.841	71.825 #
11)	B alpha-Chl...	5.123	6.240	201.6E6	3431.7E6	71.779	101.663 #
12)	B 4,4'-DDE	5.292	6.394	213.7E6	2154.9E6	76.166m	66.183
13)	MA Dieldrin	5.406	6.547	166.6E6	1384.9E6	55.288m	42.616
14)	MA Endrin	5.654	6.766	118.7E6	1104.7E6	42.317	41.153
15)	B Endosulfa...	5.924	6.974	124.0E6	1334.6E6	45.864	48.926
16)	A 4,4'-DDD	5.794	6.884	90888980	1255.3E6	36.944	47.329m#
17)	MA 4,4'-DDT	6.025	7.185	148.9E6	1526.9E6	60.295	67.849
18)	B Endrin al...	6.090	7.099	84968519	836.5E6	40.145	39.998
19)	B Endosulfa...	6.298	7.322	88810714	1074.2E6	37.728	47.278 #
20)	A Methoxychlor	6.572	7.644	57175270	526.3E6	45.949	48.995
21)	B Endrin ke...	6.773	7.796	99872566	983.7E6	37.235	42.992

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD012219\
Data File : PD051178.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 22 Jan 2019 10:36
Operator : AJ\SJ
Sample : K1157-03MSD
Misc :
ALS Vial : 7 Sample Multiplier: 1

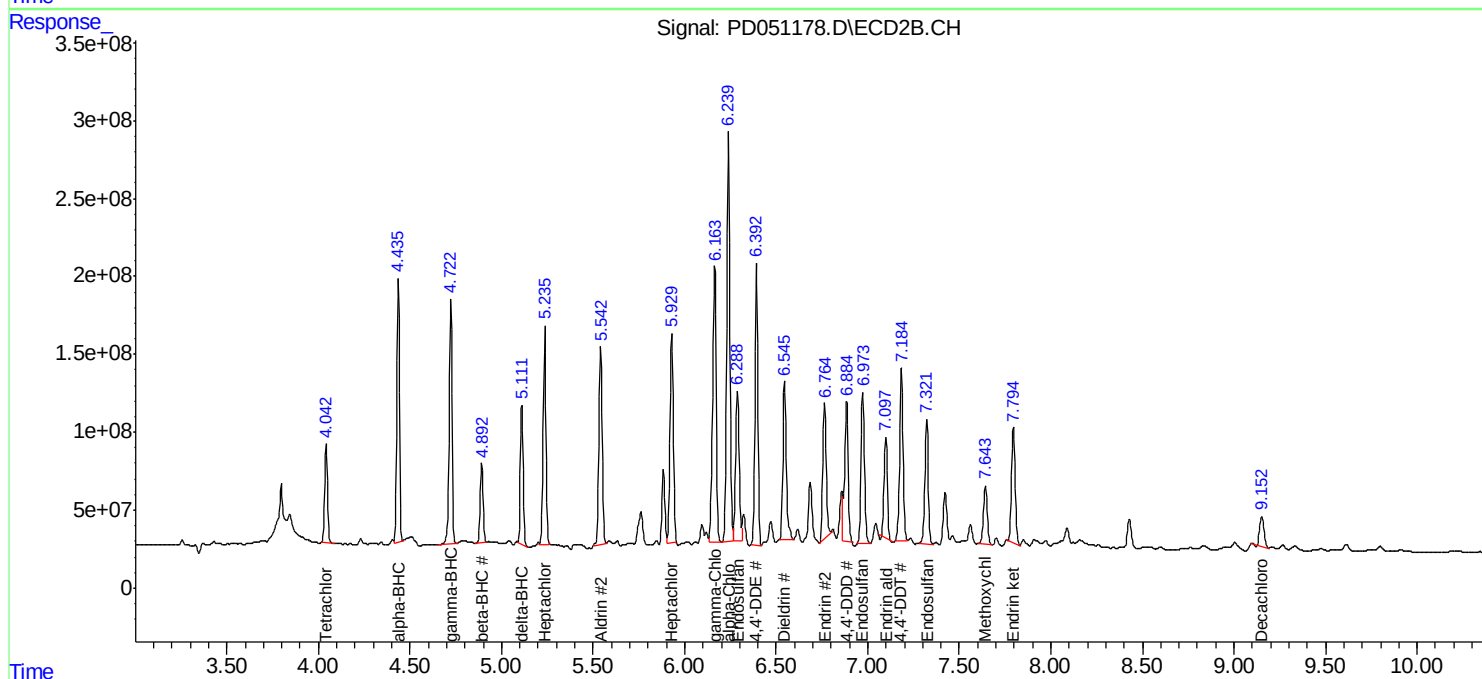
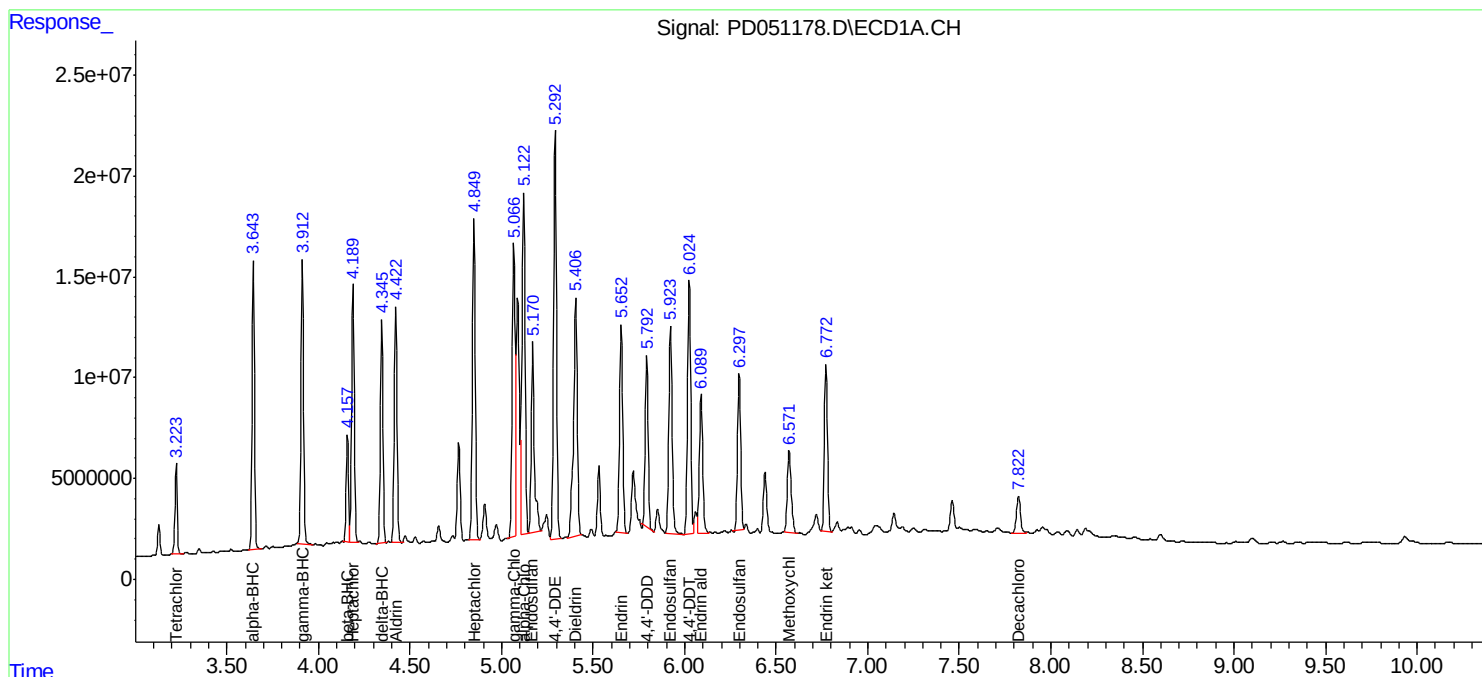
Instrument :
ECD_D
ClientSampleId :
WC-02-011519MSD

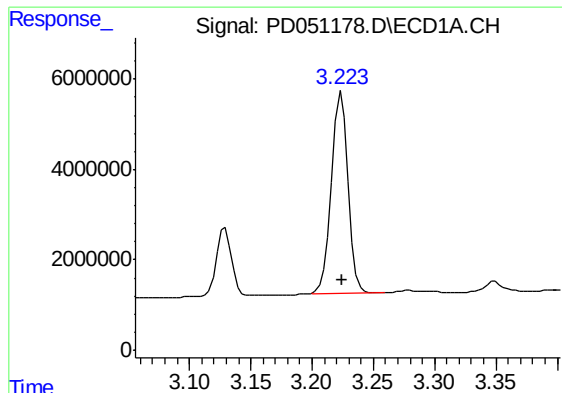
Manual Integrations
APPROVED

Sohil
1/22/2019 3:00:55 PM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jan 22 14:25:49 2019
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD012119.M
Quant Title : GC Extractables
QLast Update : Tue Jan 22 02:36:55 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





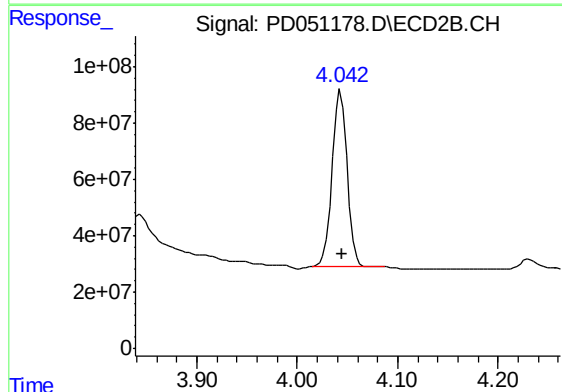
#1 Tetrachloro-m-xylene

R.T.: 3.224 min
Delta R.T.: 0.000 min
Response: 41702560
Conc: 23.32 ng/ml

Instrument :
ECD_D
ClientSampleId :
WC-02-011519MSD

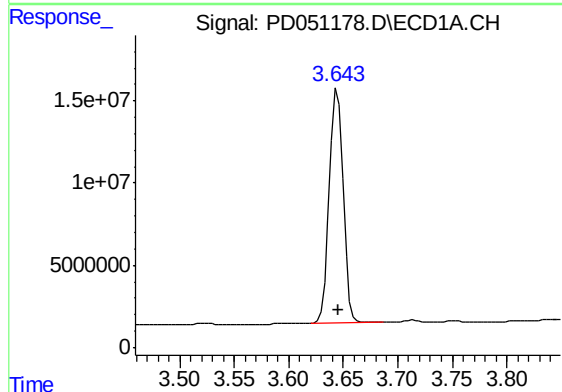
Manual Integrations
APPROVED

Sohil
1/22/2019 3:00:55 PM



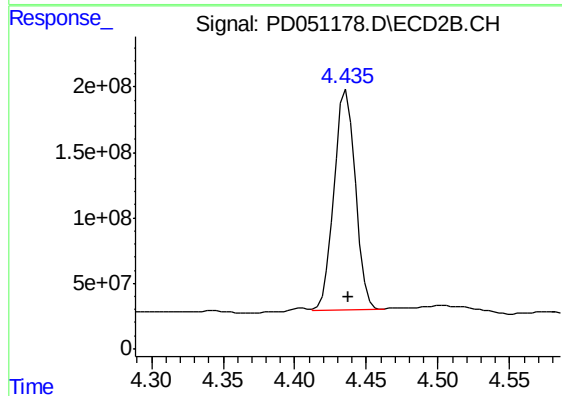
#1 Tetrachloro-m-xylene

R.T.: 4.043 min
Delta R.T.: -0.002 min
Response: 651805833
Conc: 22.13 ng/ml



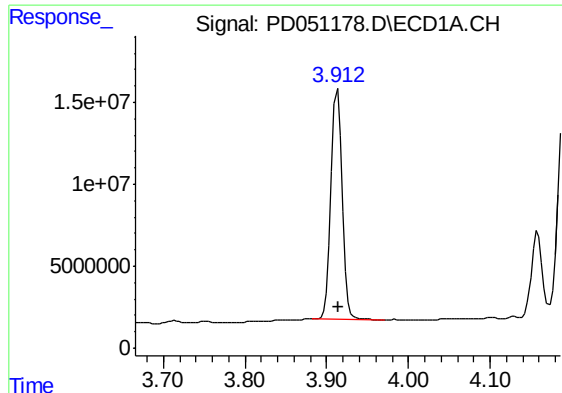
#2 alpha-BHC

R.T.: 3.645 min
Delta R.T.: 0.000 min
Response: 125948429
Conc: 42.77 ng/ml



#2 alpha-BHC

R.T.: 4.436 min
Delta R.T.: -0.002 min
Response: 1750101731
Conc: 39.47 ng/ml



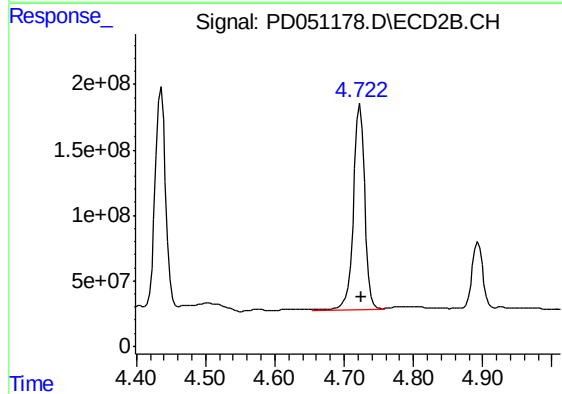
#3 gamma-BHC (Lindane)

R.T.: 3.913 min
Delta R.T.: 0.000 min
Response: 130731722
Conc: 46.83 ng/ml

Instrument :
ECD_D
ClientSampleId :
WC-02-011519MSD

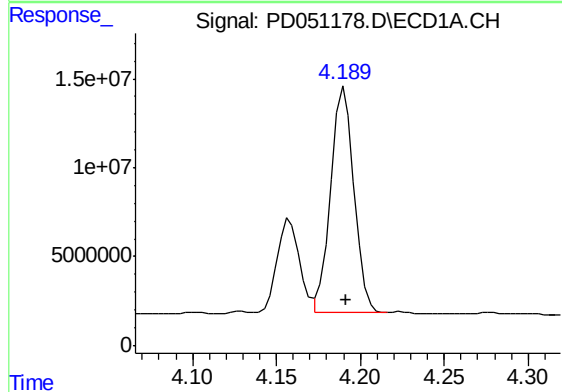
Manual Integrations
APPROVED

Sohil
1/22/2019 3:00:55 PM



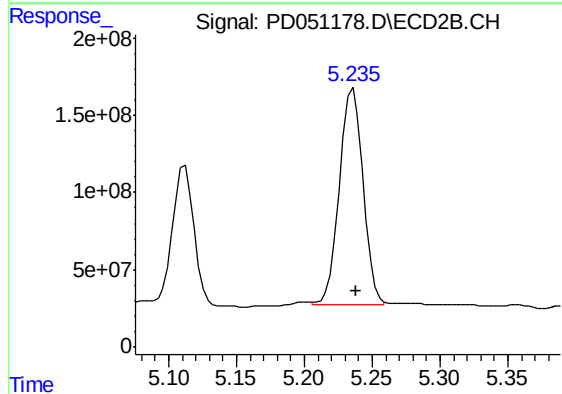
#3 gamma-BHC (Lindane)

R.T.: 4.723 min
Delta R.T.: -0.002 min
Response: 1755139770
Conc: 43.85 ng/ml



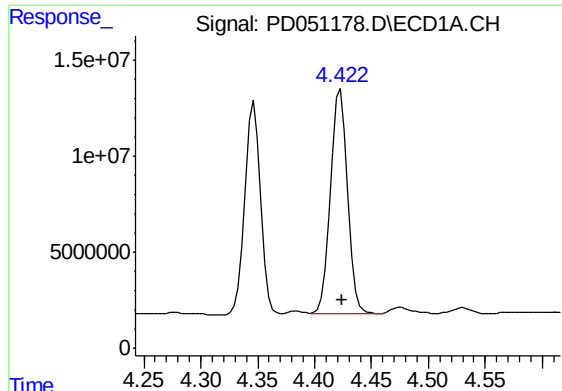
#4 Heptachlor

R.T.: 4.191 min
Delta R.T.: -0.001 min
Response: 123385075
Conc: 42.81 ng/ml



#4 Heptachlor

R.T.: 5.235 min
Delta R.T.: -0.003 min
Response: 1675125201
Conc: 42.27 ng/ml m



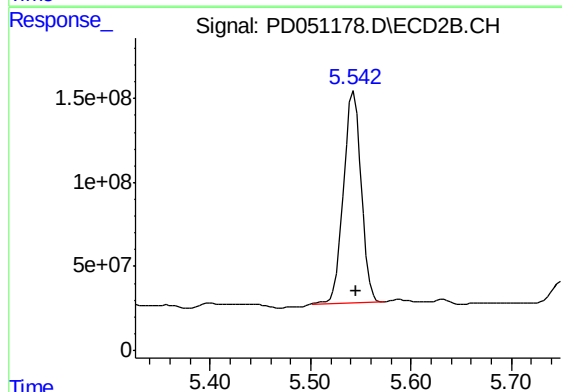
#5 Aldrin

R.T.: 4.423 min
Delta R.T.: -0.001 min
Response: 119412764
Conc: 42.67 ng/ml

Instrument :
ECD_D
ClientSampleId :
WC-02-011519MSD

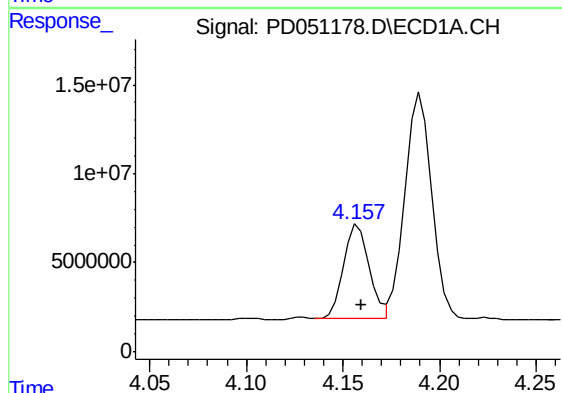
Manual Integrations
APPROVED

Sohil
1/22/2019 3:00:55 PM



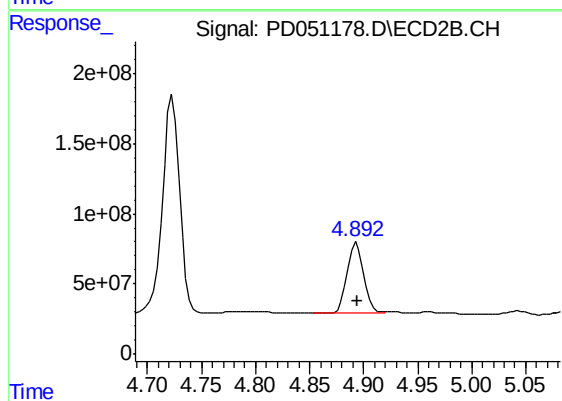
#5 Aldrin

R.T.: 5.543 min
Delta R.T.: -0.003 min
Response: 1539998994
Conc: 42.51 ng/ml



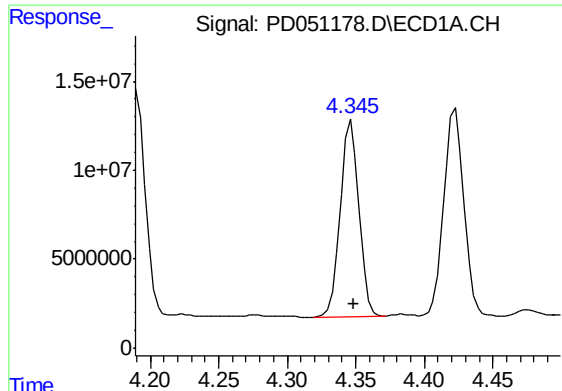
#6 beta-BHC

R.T.: 4.158 min
Delta R.T.: -0.001 min
Response: 48326245
Conc: 43.30 ng/ml



#6 beta-BHC

R.T.: 4.894 min
Delta R.T.: 0.000 min
Response: 544000730
Conc: 31.43 ng/ml



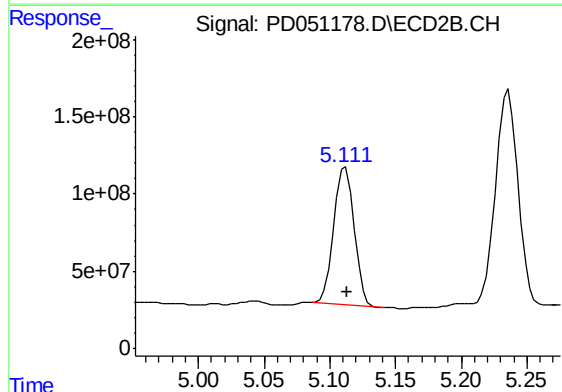
#7 delta-BHC

R.T.: 4.347 min
Delta R.T.: -0.001 min
Response: 104194297
Conc: 42.36 ng/ml

Instrument :
ECD_D
ClientSampleId :
WC-02-011519MSD

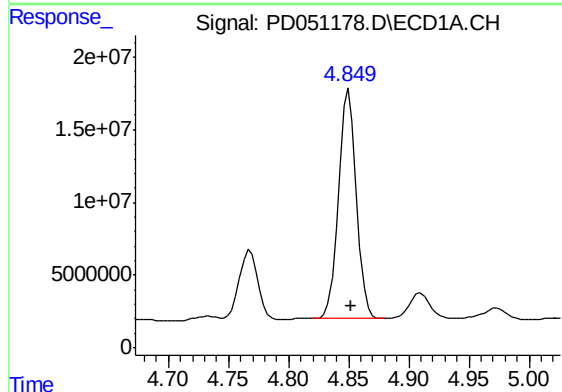
Manual Integrations
APPROVED

Sohil
1/22/2019 3:00:55 PM



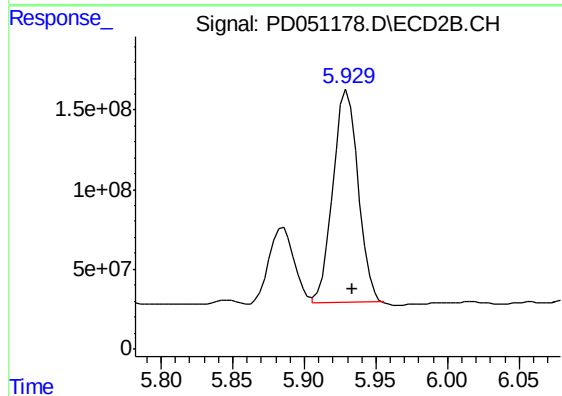
#7 delta-BHC

R.T.: 5.112 min
Delta R.T.: -0.002 min
Response: 961828942
Conc: 31.18 ng/ml



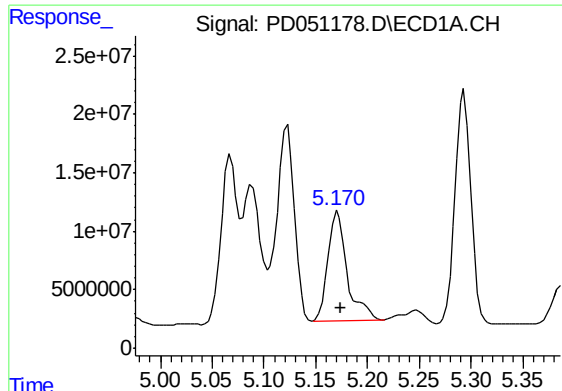
#8 Heptachlor epoxide

R.T.: 4.850 min
Delta R.T.: -0.002 min
Response: 165050286
Conc: 61.09 ng/ml



#8 Heptachlor epoxide

R.T.: 5.930 min
Delta R.T.: -0.003 min
Response: 1630895495
Conc: 48.74 ng/ml



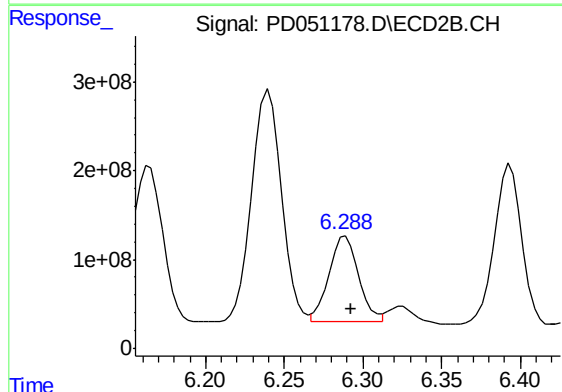
#9 Endosulfan I

R.T.: 5.171 min
Delta R.T.: -0.002 min
Response: 120304099
Conc: 46.15 ng/ml

Instrument :
ECD_D
ClientSampleId :
WC-02-011519MSD

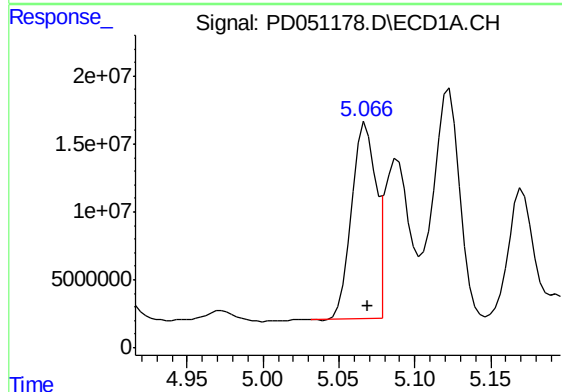
Manual Integrations
APPROVED

Sohil
1/22/2019 3:00:55 PM



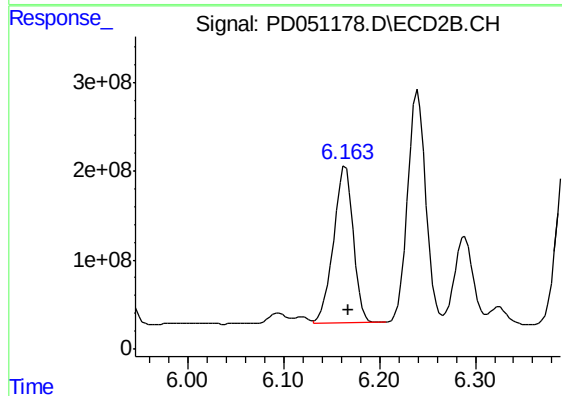
#9 Endosulfan I

R.T.: 6.289 min
Delta R.T.: -0.003 min
Response: 1266903436
Conc: 42.60 ng/ml



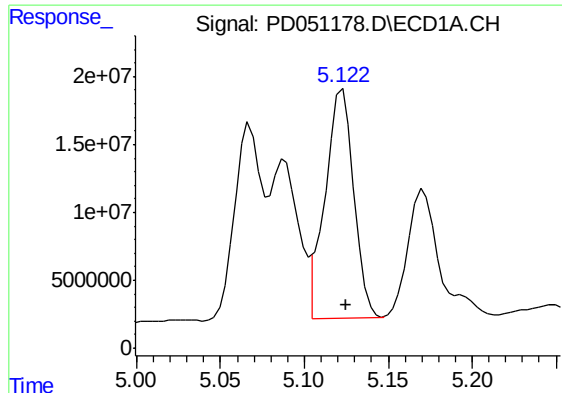
#10 gamma-Chlordane

R.T.: 5.068 min
Delta R.T.: -0.001 min
Response: 158405518
Conc: 54.84 ng/ml



#10 gamma-Chlordane

R.T.: 6.165 min
Delta R.T.: -0.003 min
Response: 2516266986
Conc: 71.82 ng/ml



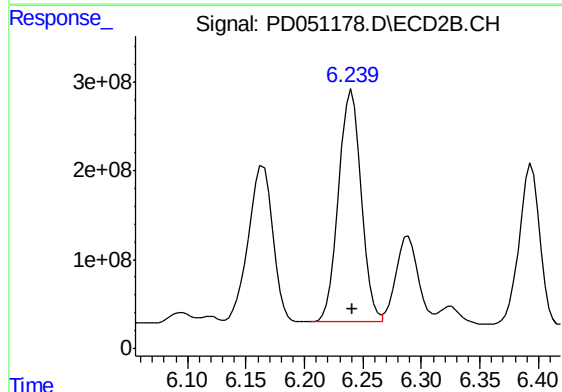
#11 alpha-Chlordane

R.T.: 5.123 min
Delta R.T.: -0.002 min
Response: 201637683
Conc: 71.78 ng/ml

Instrument :
ECD_D
ClientSampleId :
WC-02-011519MSD

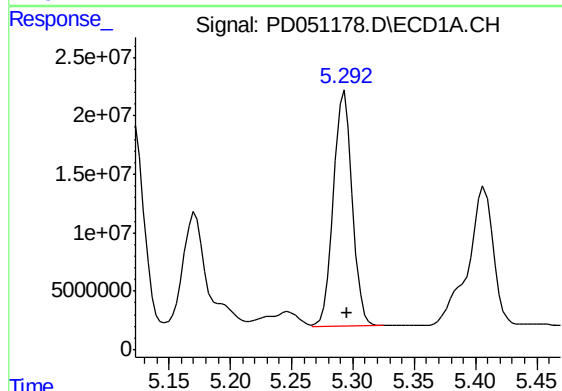
Manual Integrations
APPROVED

Sohil
1/22/2019 3:00:55 PM



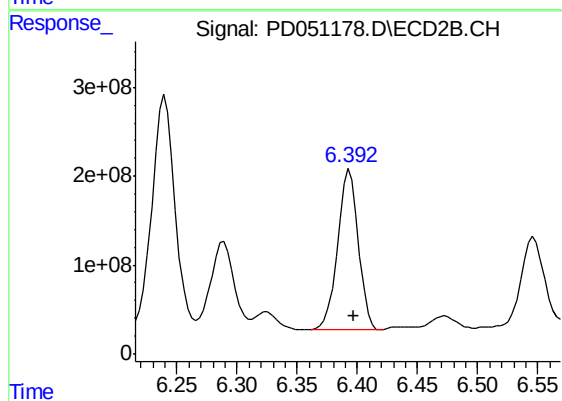
#11 alpha-Chlordane

R.T.: 6.240 min
Delta R.T.: -0.001 min
Response: 3431721543
Conc: 101.66 ng/ml



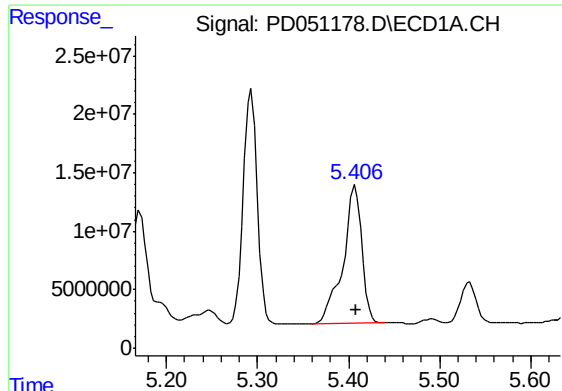
#12 4,4'-DDE

R.T.: 5.292 min
Delta R.T.: -0.003 min
Response: 213688280
Conc: 76.17 ng/ml m



#12 4,4'-DDE

R.T.: 6.394 min
Delta R.T.: -0.003 min
Response: 2154944382
Conc: 66.18 ng/ml



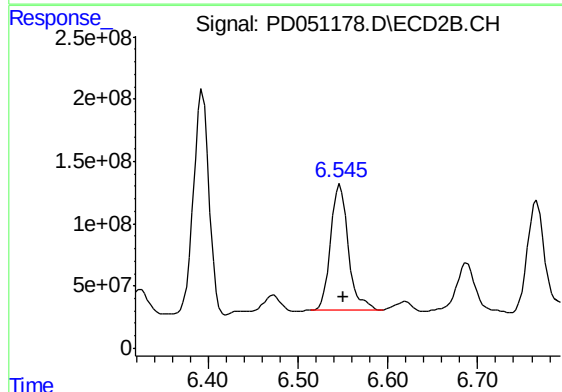
#13 Dieldrin

R.T.: 5.406 min
Delta R.T.: -0.003 min
Response: 166635717
Conc: 55.29 ng/ml m

Instrument :
ECD_D
ClientSampleId :
WC-02-011519MSD

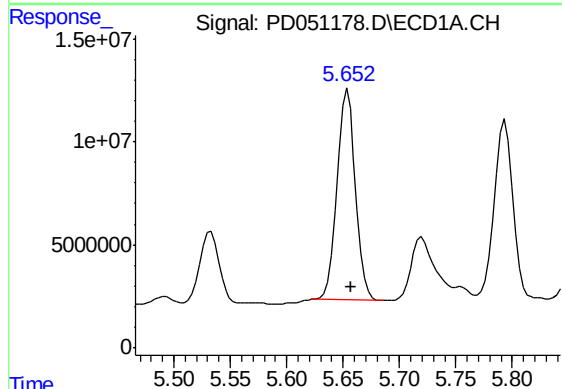
Manual Integrations
APPROVED

Sohil
1/22/2019 3:00:55 PM



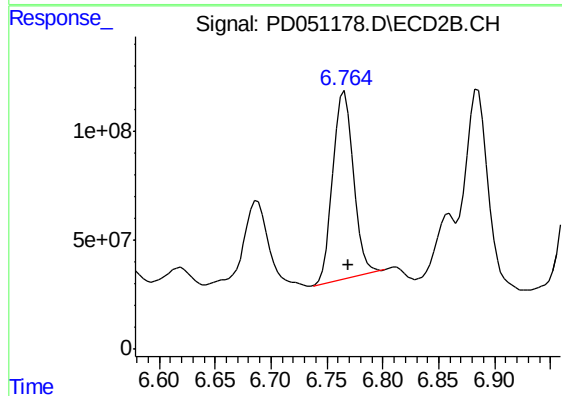
#13 Dieldrin

R.T.: 6.547 min
Delta R.T.: -0.003 min
Response: 1384860897
Conc: 42.62 ng/ml



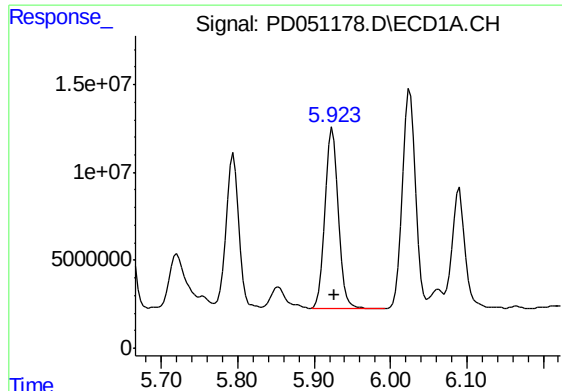
#14 Endrin

R.T.: 5.654 min
Delta R.T.: -0.003 min
Response: 118683071
Conc: 42.32 ng/ml



#14 Endrin

R.T.: 6.766 min
Delta R.T.: -0.003 min
Response: 1104677234
Conc: 41.15 ng/ml



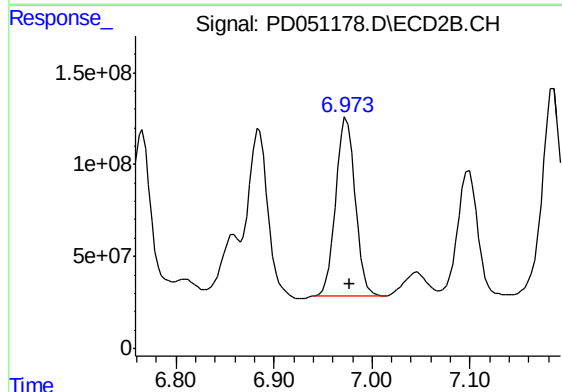
#15 Endosulfan II

R.T.: 5.924 min
Delta R.T.: -0.002 min
Response: 124025094
Conc: 45.86 ng/ml

Instrument :
ECD_D
ClientSampleId :
WC-02-011519MSD

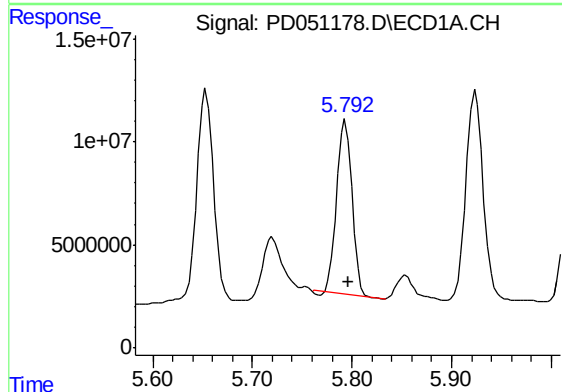
Manual Integrations
APPROVED

Sohil
1/22/2019 3:00:55 PM



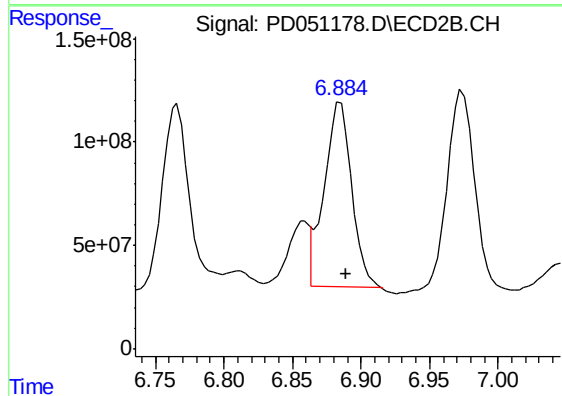
#15 Endosulfan II

R.T.: 6.974 min
Delta R.T.: -0.004 min
Response: 1334633122
Conc: 48.93 ng/ml



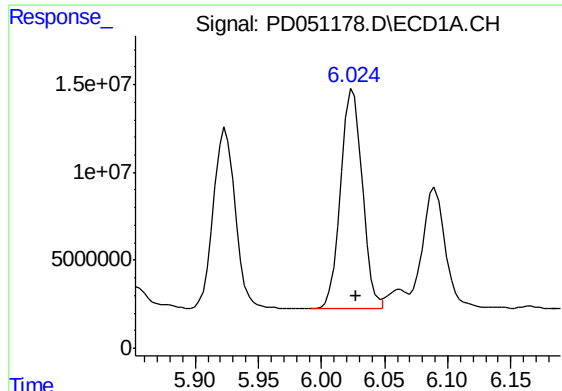
#16 4,4'-DDD

R.T.: 5.794 min
Delta R.T.: -0.002 min
Response: 90888980
Conc: 36.94 ng/ml



#16 4,4'-DDD

R.T.: 6.884 min
Delta R.T.: -0.005 min
Response: 1255292834
Conc: 47.33 ng/ml m



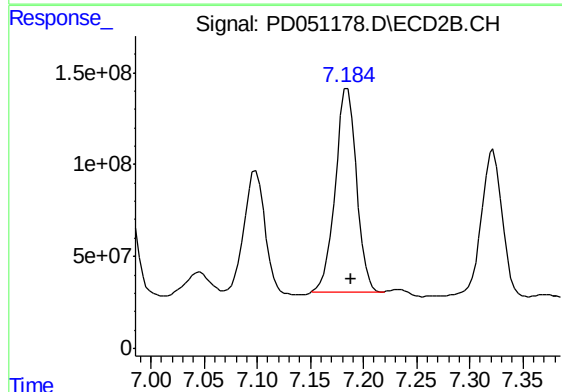
#17 4,4'-DDT

R.T.: 6.025 min
Delta R.T.: -0.003 min
Response: 148917756
Conc: 60.30 ng/ml

Instrument :
ECD_D
ClientSampleId :
WC-02-011519MSD

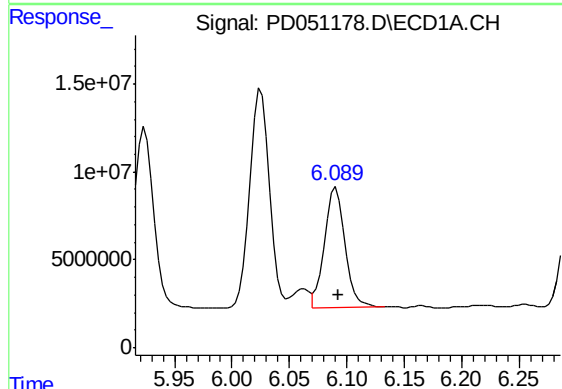
Manual Integrations
APPROVED

Sohil
1/22/2019 3:00:55 PM



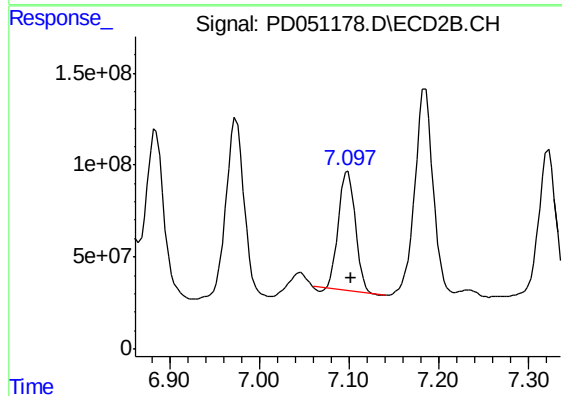
#17 4,4'-DDT

R.T.: 7.185 min
Delta R.T.: -0.004 min
Response: 1526934147
Conc: 67.85 ng/ml



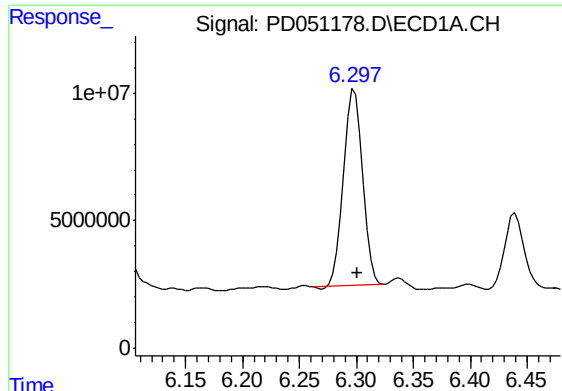
#18 Endrin aldehyde

R.T.: 6.090 min
Delta R.T.: -0.003 min
Response: 84968519
Conc: 40.15 ng/ml



#18 Endrin aldehyde

R.T.: 7.099 min
Delta R.T.: -0.004 min
Response: 836502195
Conc: 40.00 ng/ml



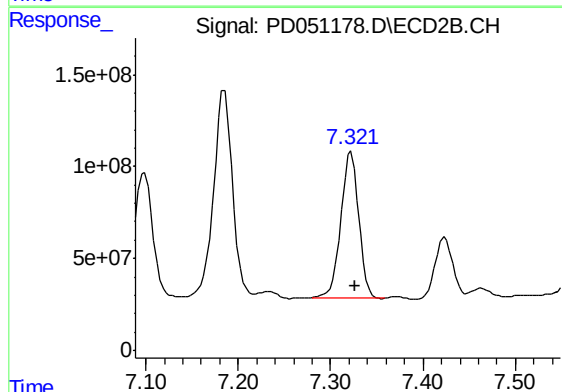
#19 Endosulfan Sulfate

R.T.: 6.298 min
Delta R.T.: -0.002 min
Response: 88810714
Conc: 37.73 ng/ml

Instrument :
ECD_D
ClientSampleId :
WC-02-011519MSD

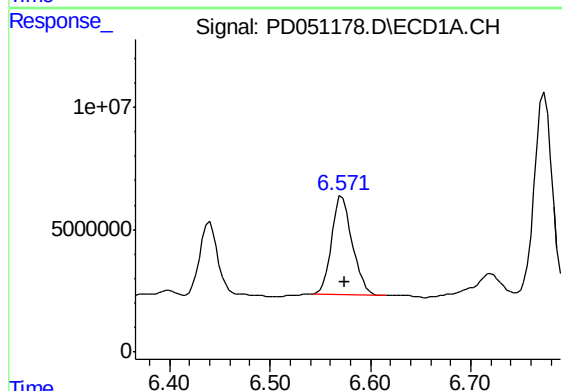
Manual Integrations
APPROVED

Sohil
1/22/2019 3:00:55 PM



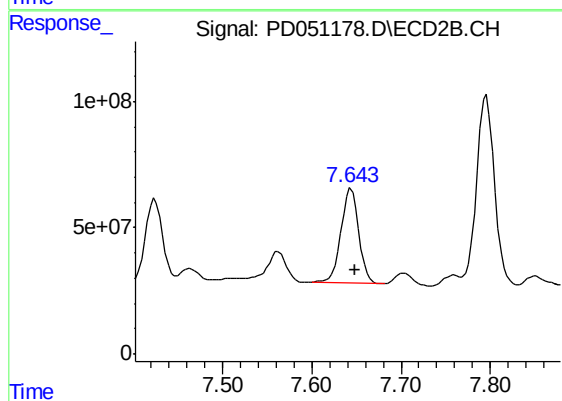
#19 Endosulfan Sulfate

R.T.: 7.322 min
Delta R.T.: -0.004 min
Response: 1074193503
Conc: 47.28 ng/ml



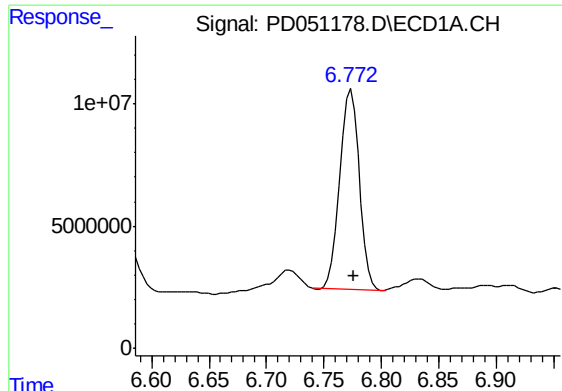
#20 Methoxychlor

R.T.: 6.572 min
Delta R.T.: -0.002 min
Response: 57175270
Conc: 45.95 ng/ml



#20 Methoxychlor

R.T.: 7.644 min
Delta R.T.: -0.004 min
Response: 526283424
Conc: 48.99 ng/ml



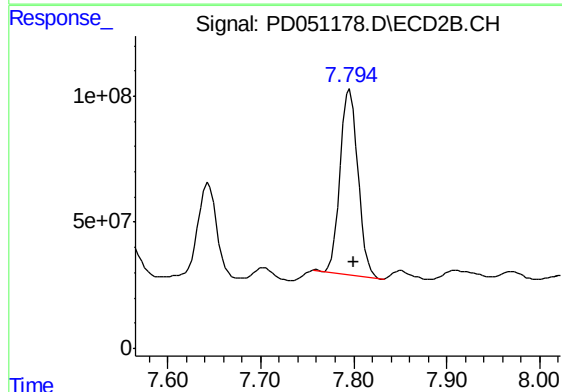
#21 Endrin ketone

R.T.: 6.773 min
Delta R.T.: -0.003 min
Response: 99872566
Conc: 37.23 ng/ml

Instrument :
ECD_D
ClientSampleId :
WC-02-011519MSD

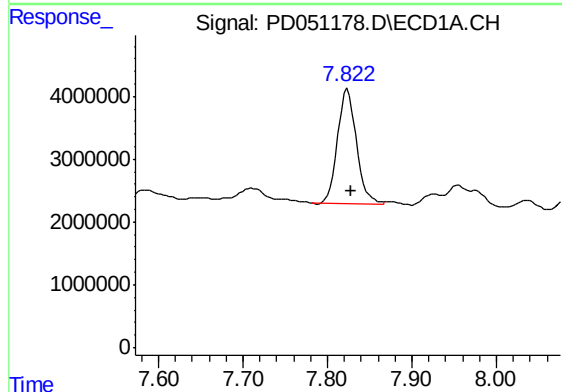
Manual Integrations
APPROVED

Sohil
1/22/2019 3:00:55 PM



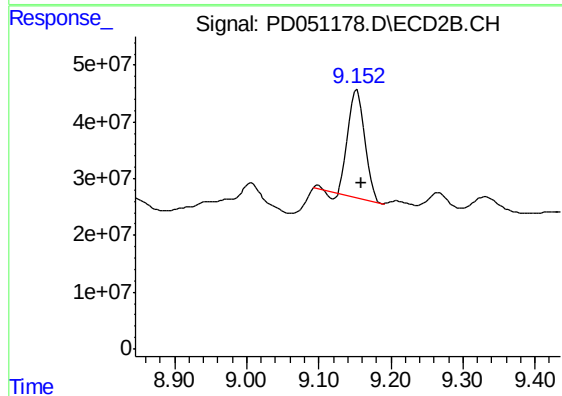
#21 Endrin ketone

R.T.: 7.796 min
Delta R.T.: -0.004 min
Response: 983704332
Conc: 42.99 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.824 min
Delta R.T.: -0.004 min
Response: 28391148
Conc: 18.01 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.153 min
Delta R.T.: -0.006 min
Response: 307722360
Conc: 17.30 ng/ml