

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD031819\
 Data File : PD051828.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 18 Mar 2019 11:44
 Operator : AJ\SJ
 Sample : K1687-08MSD
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 HR-05-031519-AMSD

Manual Integrations
 APPROVED

Sohil
 3/19/2019 9:34:05 AM

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 19 02:30:50 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD030219.M
 Quant Title : GC Extractables
 QLast Update : Fri Mar 01 23:43:17 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...	3.223	4.043	31283614	613.5E6	23.594	21.392
28)	SA Decachlor...	7.821	9.154	24759438	376.2E6	21.782	20.596
Target Compounds							
2)	A alpha-BHC	3.643	4.435	142.1E6	2297.4E6	64.749	52.657
3)	MA gamma-BHC...	3.911	4.722	133.6E6	2060.4E6	63.966	52.021
4)	MA Heptachlor	4.188	5.235	130.1E6	2001.8E6	60.628	52.199
5)	MB Aldrin	4.420	5.542	132.7E6	1888.0E6	65.169	52.710
6)	B beta-BHC	4.157	4.892	54342762	895.3E6	61.719	49.811
7)	B delta-BHC	4.345	5.111	131.3E6	1662.9E6	64.735	48.388 #
8)	B Heptachlo...	4.847	5.930	125.1E6	1600.9E6	63.618	49.927
9)	A Endosulfan I	5.169	6.289	118.4E6	1571.1E6	63.864	52.996
10)	B gamma-Chl...	5.064	6.164	129.5E6	1711.7E6	63.888	53.526m
11)	B alpha-Chl...	5.120	6.238	127.4E6	1667.3E6	63.382	52.606
12)	B 4,4'-DDE	5.290	6.394	122.6E6	1624.5E6	65.428	52.522
13)	MA Dieldrin	5.404	6.547	129.6E6	1603.9E6	64.486	51.980
14)	MA Endrin	5.651	6.766	114.3E6	1300.6E6	59.683	49.807
15)	B Endosulfa...	5.921	6.975	112.9E6	1357.6E6	62.644	52.703
16)	A 4,4'-DDD	5.792	6.886	99829343	1272.2E6	63.407	51.797
17)	MA 4,4'-DDT	6.022	7.186	95475499	1101.0E6	59.759	54.353
18)	B Endrin al...	6.087	7.099	91733338	1137.5E6	62.016	53.056
19)	B Endosulfa...	6.296	7.324	96940085	1187.0E6	58.633	50.640
20)	A Methoxychlor	6.568	7.645	47083145	559.2E6	53.017	50.800
21)	B Endrin ke...	6.771	7.797	110.4E6	1203.8E6	59.644	53.283
22)	Mirex	6.940	8.255	71957558	762.2E6	57.202	49.256

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD031819\
Data File : PD051828.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 18 Mar 2019 11:44
Operator : AJ\SJ
Sample : K1687-08MSD
Misc :
ALS Vial : 10 Sample Multiplier: 1

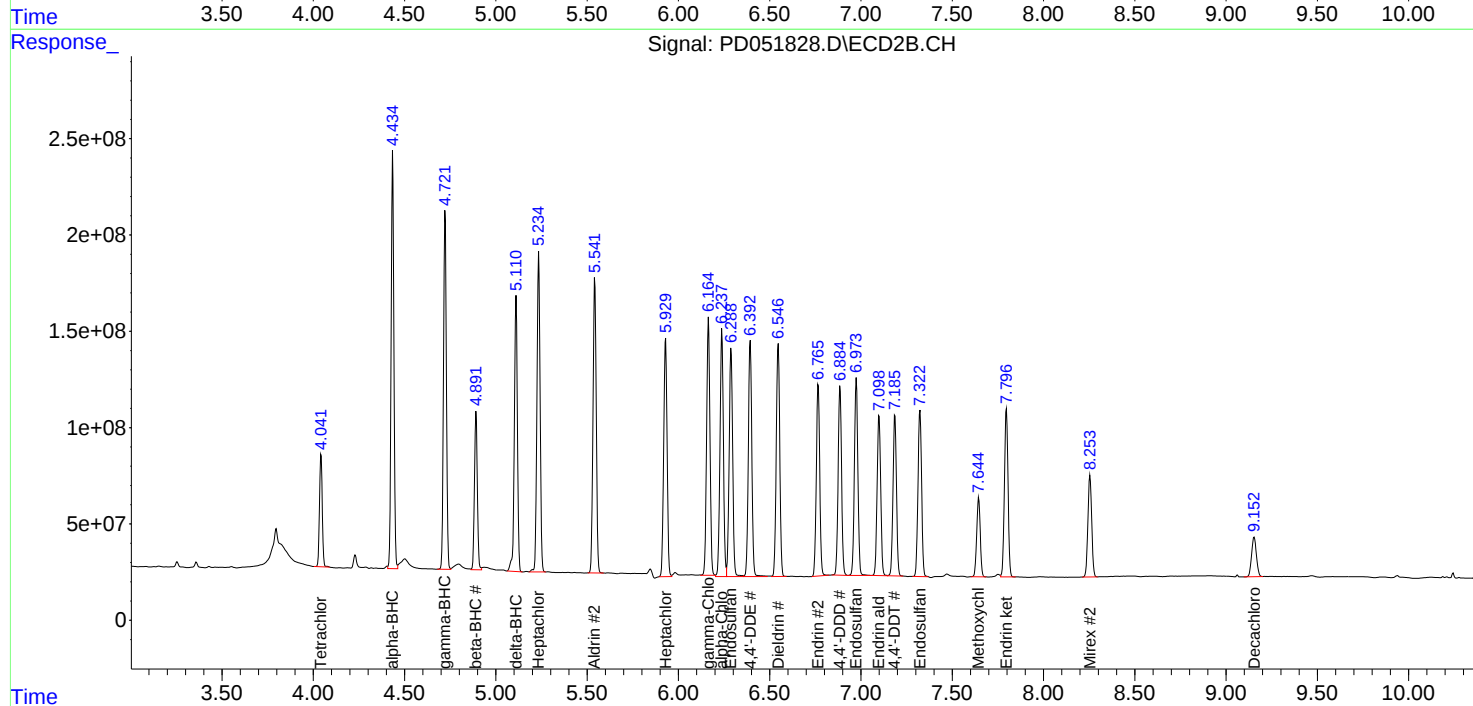
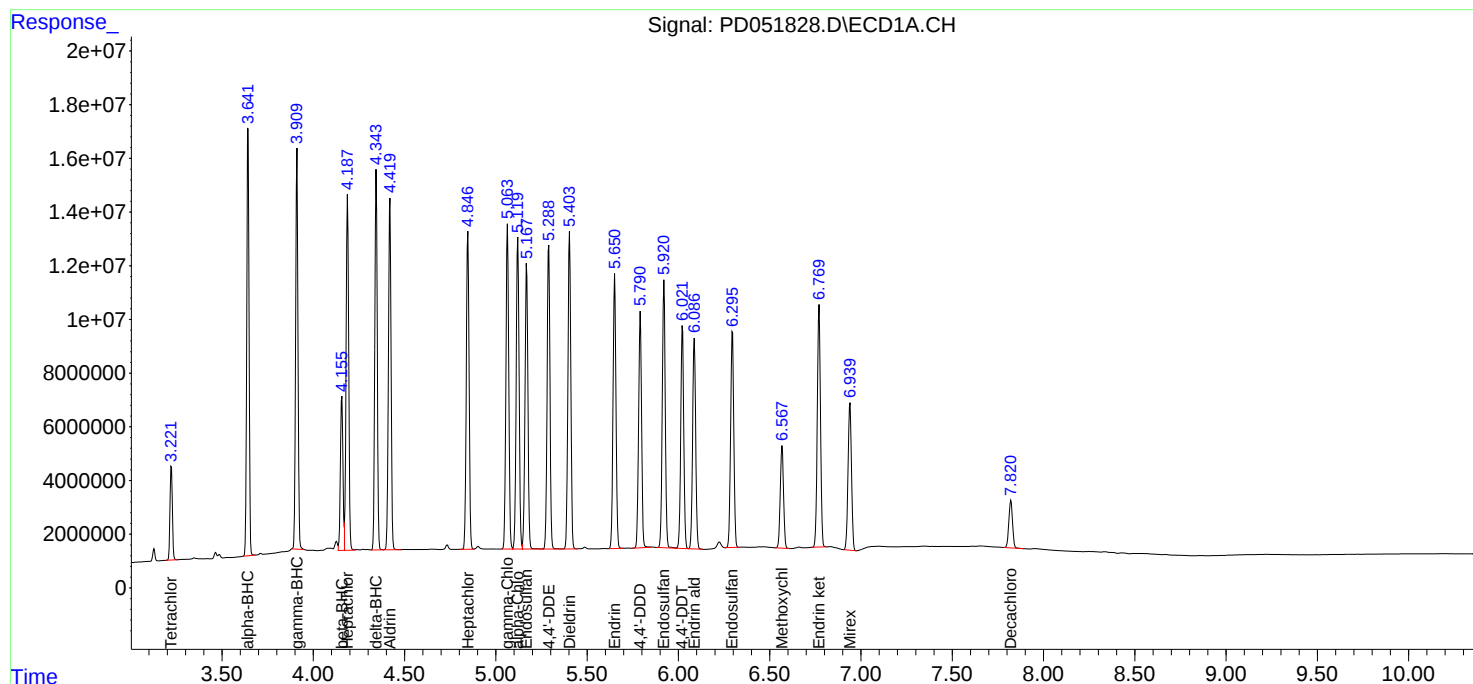
Instrument :
ECD_D
ClientSampleId :
HR-05-031519-AMSD

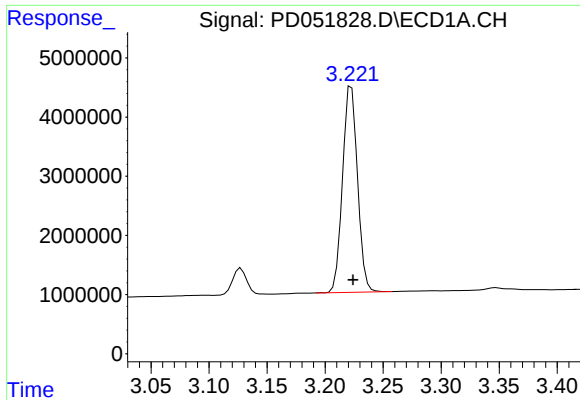
Manual Integrations
APPROVED

Sohil
3/19/2019 9:34:05 AM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 19 02:30:50 2019
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD030219.M
Quant Title : GC Extractables
QLast Update : Fri Mar 01 23:43:17 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





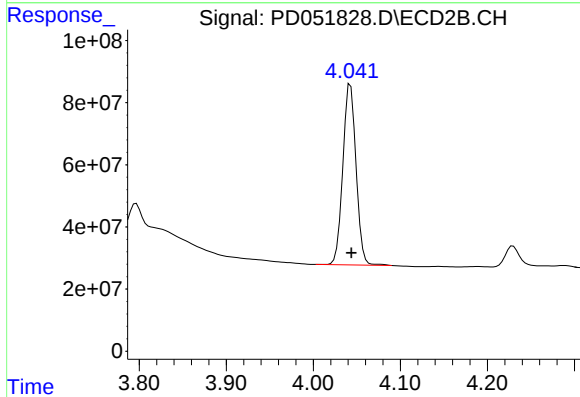
#1 Tetrachloro-m-xylene

R.T.: 3.223 min
Delta R.T.: -0.001 min
Response: 31283614
Conc: 23.59 ng/ml

Instrument :
ECD_D
ClientSampleId :
HR-05-031519-AMSD

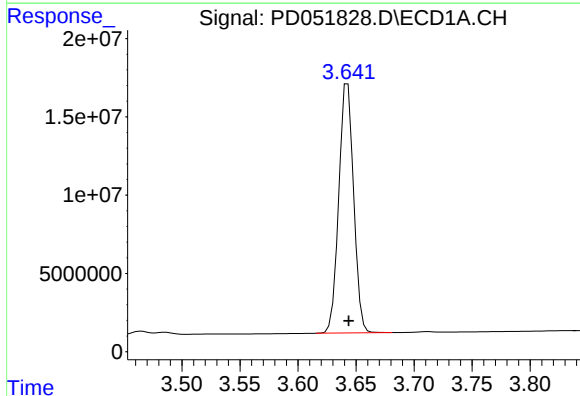
Manual Integrations
APPROVED

Sohil
3/19/2019 9:34:05 AM



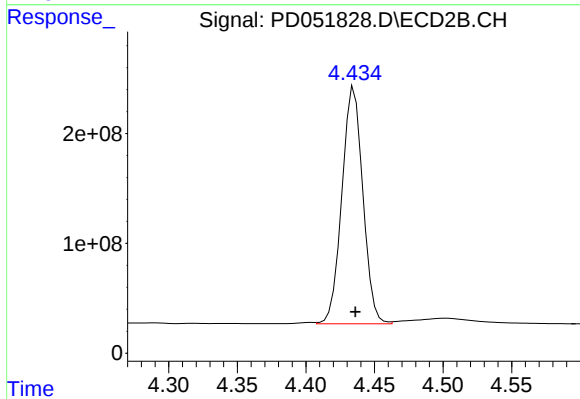
#1 Tetrachloro-m-xylene

R.T.: 4.043 min
Delta R.T.: -0.001 min
Response: 613455666
Conc: 21.39 ng/ml



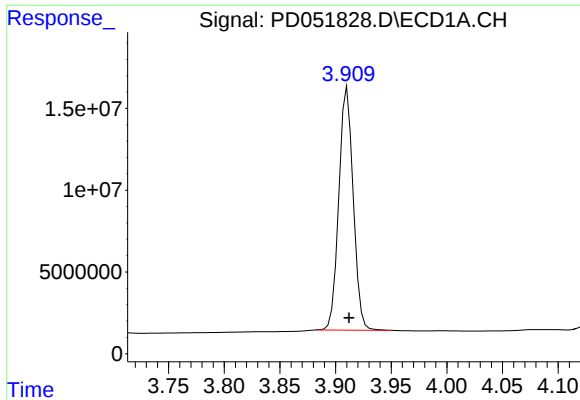
#2 alpha-BHC

R.T.: 3.643 min
Delta R.T.: 0.000 min
Response: 142136972
Conc: 64.75 ng/ml



#2 alpha-BHC

R.T.: 4.435 min
Delta R.T.: 0.000 min
Response: 2297413959
Conc: 52.66 ng/ml



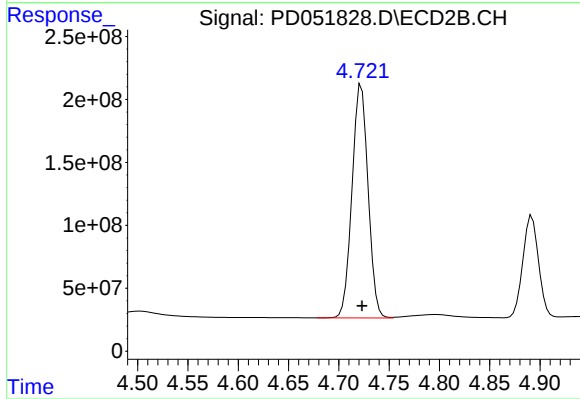
#3 gamma-BHC (Lindane)

R.T.: 3.911 min
Delta R.T.: -0.001 min
Response: 133643191
Conc: 63.97 ng/ml

Instrument :
ECD_D
ClientSampleId :
HR-05-031519-AMSD

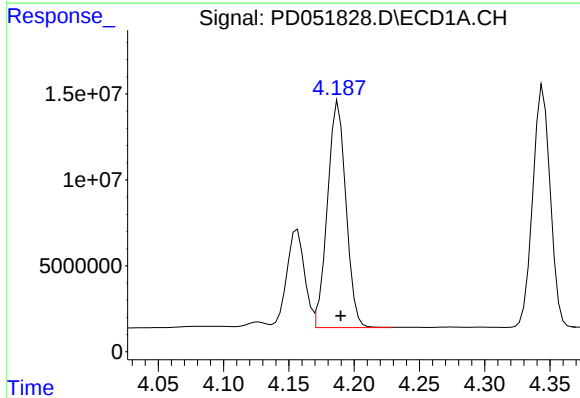
Manual Integrations
APPROVED

Sohil
3/19/2019 9:34:05 AM



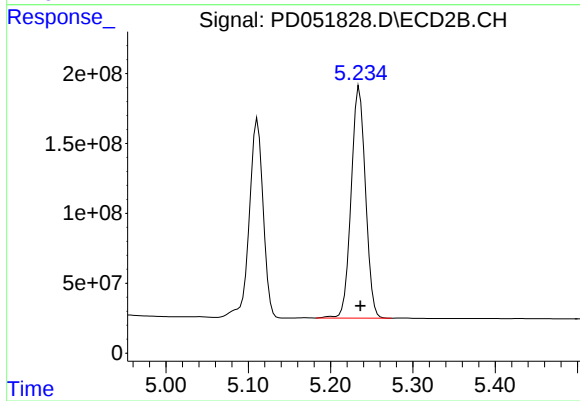
#3 gamma-BHC (Lindane)

R.T.: 4.722 min
Delta R.T.: 0.000 min
Response: 2060421881
Conc: 52.02 ng/ml



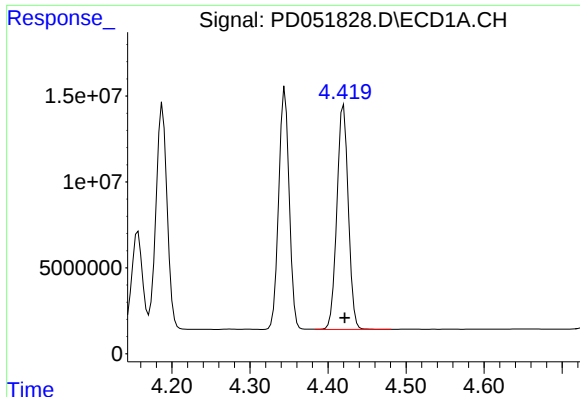
#4 Heptachlor

R.T.: 4.188 min
Delta R.T.: -0.002 min
Response: 130070895
Conc: 60.63 ng/ml



#4 Heptachlor

R.T.: 5.235 min
Delta R.T.: -0.001 min
Response: 2001792923
Conc: 52.20 ng/ml



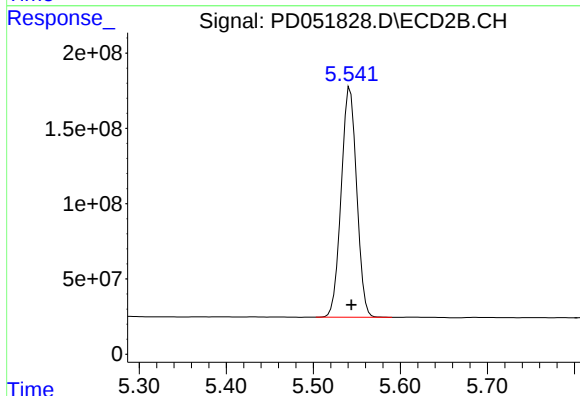
#5 Aldrin

R.T.: 4.420 min
Delta R.T.: -0.002 min
Response: 132660815
Conc: 65.17 ng/ml

Instrument :
ECD_D
ClientSampleId :
HR-05-031519-AMSD

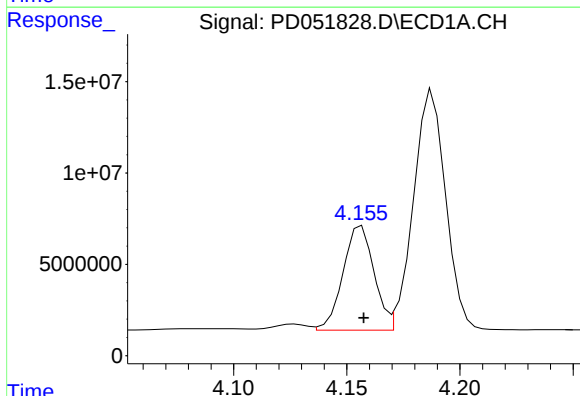
Manual Integrations
APPROVED

Sohil
3/19/2019 9:34:05 AM



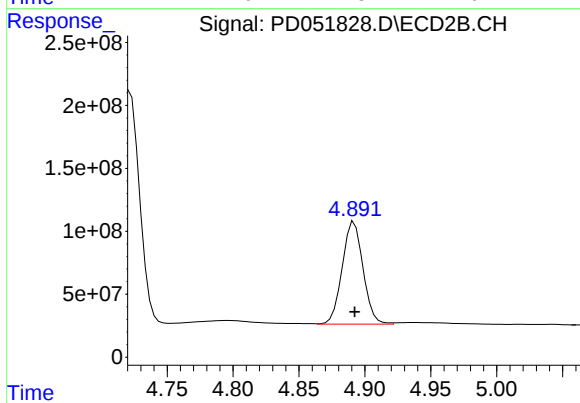
#5 Aldrin

R.T.: 5.542 min
Delta R.T.: -0.001 min
Response: 1887965892
Conc: 52.71 ng/ml



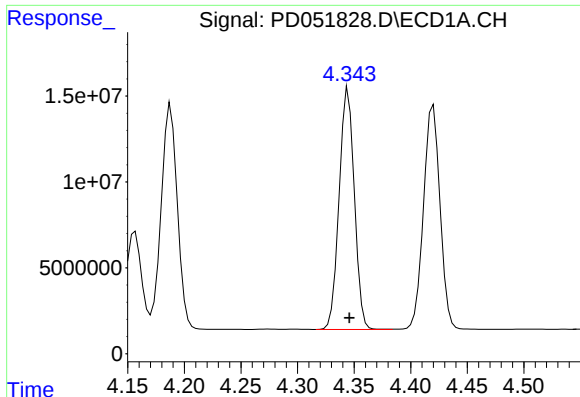
#6 beta-BHC

R.T.: 4.157 min
Delta R.T.: 0.000 min
Response: 54342762
Conc: 61.72 ng/ml



#6 beta-BHC

R.T.: 4.892 min
Delta R.T.: 0.000 min
Response: 895270857
Conc: 49.81 ng/ml



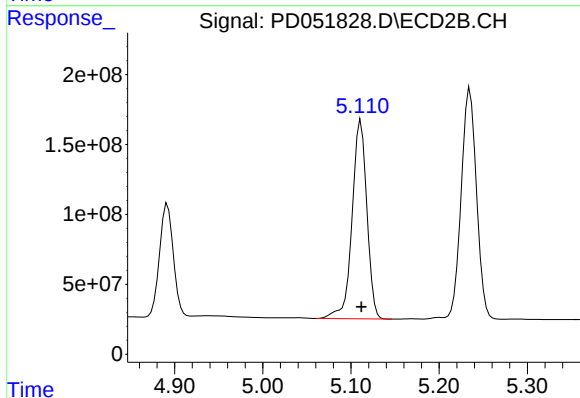
#7 delta-BHC

R.T.: 4.345 min
Delta R.T.: 0.000 min
Response: 131271004
Conc: 64.73 ng/ml

Instrument :
ECD_D
ClientSampleId :
HR-05-031519-AMSD

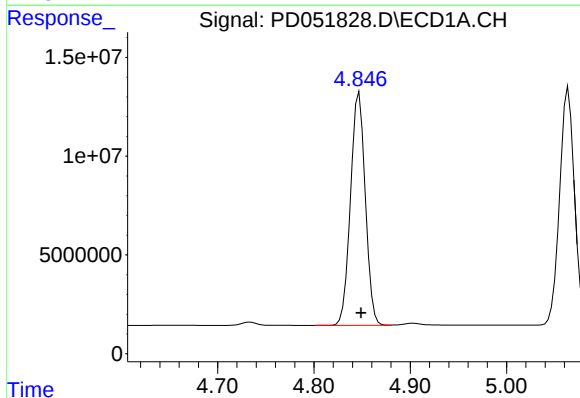
Manual Integrations
APPROVED

Sohil
3/19/2019 9:34:05 AM



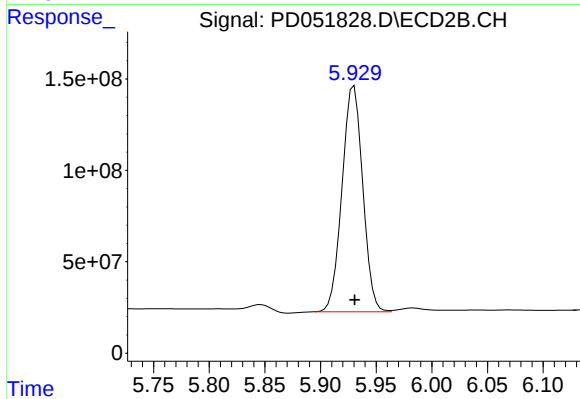
#7 delta-BHC

R.T.: 5.111 min
Delta R.T.: 0.000 min
Response: 1662913188
Conc: 48.39 ng/ml



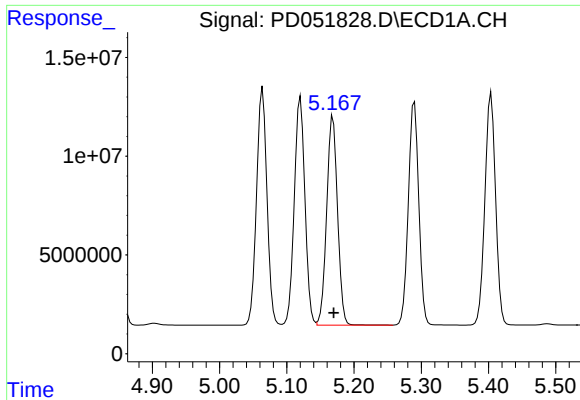
#8 Heptachlor epoxide

R.T.: 4.847 min
Delta R.T.: -0.002 min
Response: 125074312
Conc: 63.62 ng/ml



#8 Heptachlor epoxide

R.T.: 5.930 min
Delta R.T.: 0.000 min
Response: 1600913130
Conc: 49.93 ng/ml



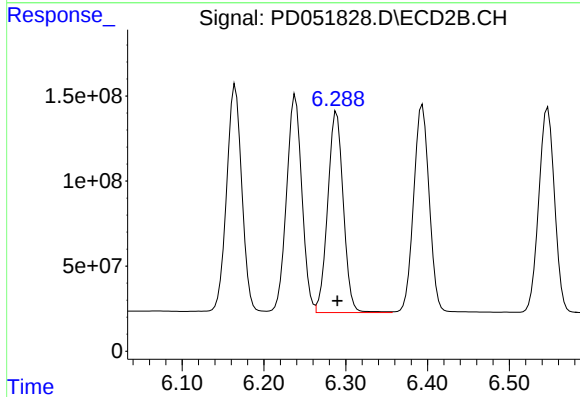
#9 Endosulfan I

R.T.: 5.169 min
Delta R.T.: -0.001 min
Response: 118357742
Conc: 63.86 ng/ml

Instrument :
ECD_D
ClientSampleId :
HR-05-031519-AMSD

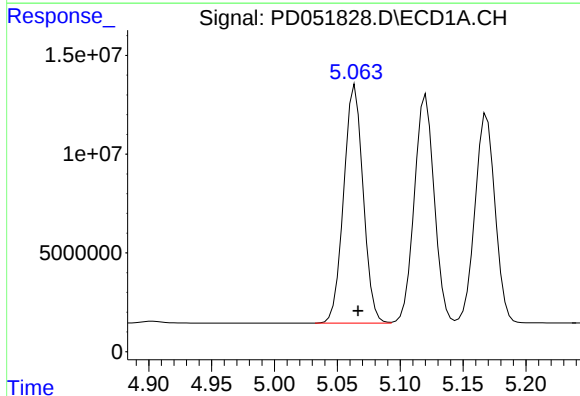
Manual Integrations
APPROVED

Sohil
3/19/2019 9:34:05 AM



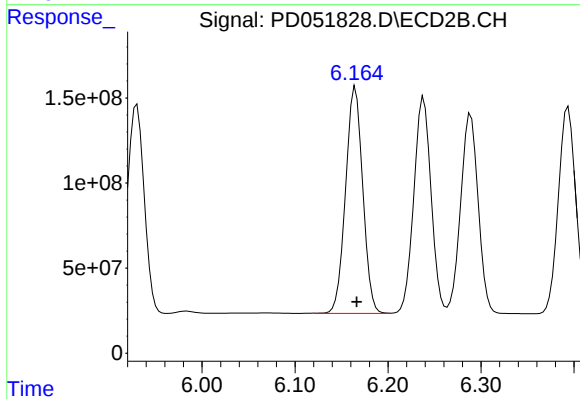
#9 Endosulfan I

R.T.: 6.289 min
Delta R.T.: -0.001 min
Response: 1571110862
Conc: 53.00 ng/ml



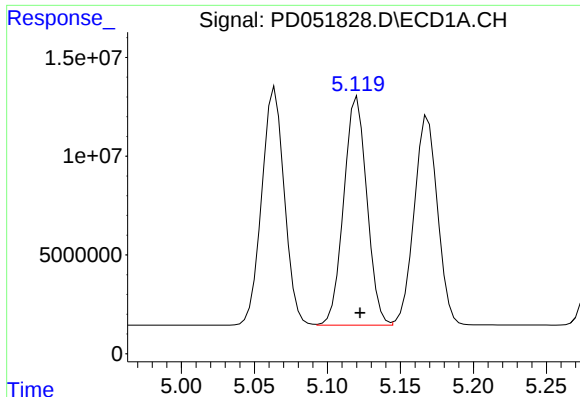
#10 gamma-Chlordane

R.T.: 5.064 min
Delta R.T.: -0.002 min
Response: 129460151
Conc: 63.89 ng/ml



#10 gamma-Chlordane

R.T.: 6.164 min
Delta R.T.: -0.003 min
Response: 1711728160
Conc: 53.53 ng/ml m



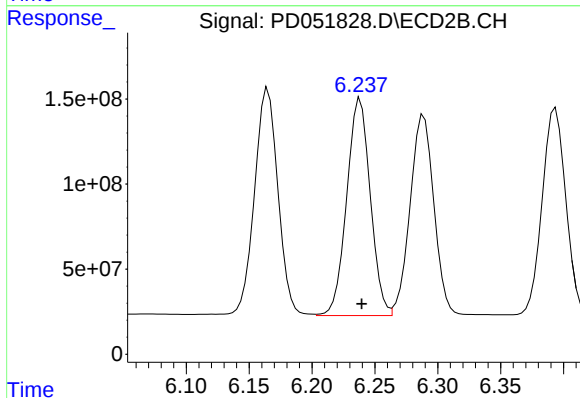
#11 alpha-Chlordane

R.T.: 5.120 min
Delta R.T.: -0.002 min
Response: 127383511
Conc: 63.38 ng/ml

Instrument :
ECD_D
ClientSampleId :
HR-05-031519-AMSD

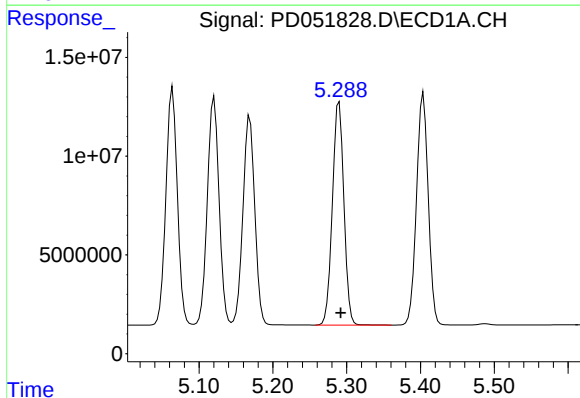
Manual Integrations
APPROVED

Sohil
3/19/2019 9:34:05 AM



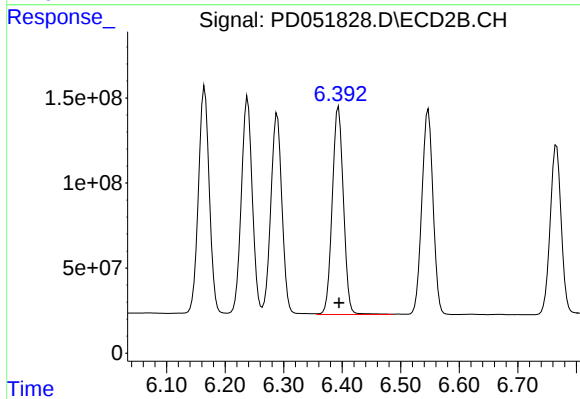
#11 alpha-Chlordane

R.T.: 6.238 min
Delta R.T.: -0.001 min
Response: 1667286799
Conc: 52.61 ng/ml



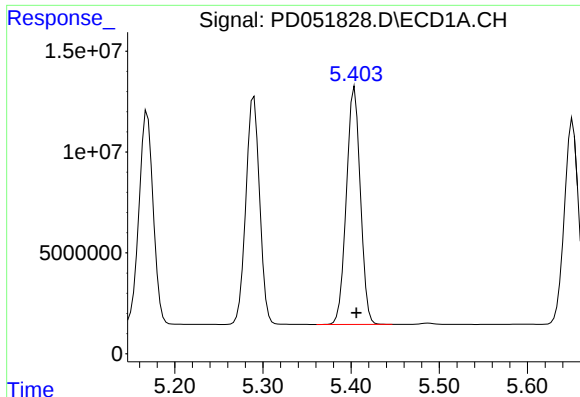
#12 4,4'-DDE

R.T.: 5.290 min
Delta R.T.: -0.002 min
Response: 122569787
Conc: 65.43 ng/ml



#12 4,4'-DDE

R.T.: 6.394 min
Delta R.T.: 0.000 min
Response: 1624475212
Conc: 52.52 ng/ml



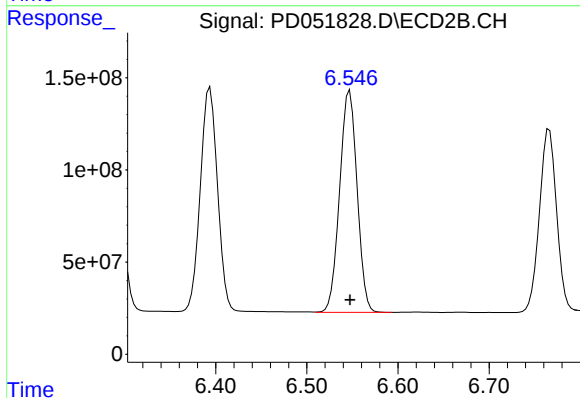
#13 Dieldrin

R.T.: 5.404 min
Delta R.T.: -0.002 min
Response: 129637250
Conc: 64.49 ng/ml

Instrument :
ECD_D
ClientSampleId :
HR-05-031519-AMSD

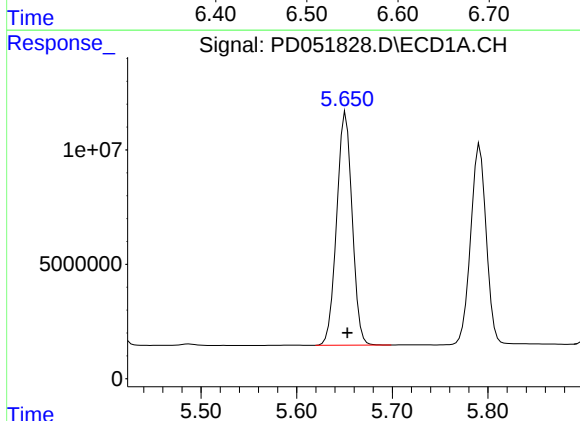
Manual Integrations
APPROVED

Sohil
3/19/2019 9:34:05 AM



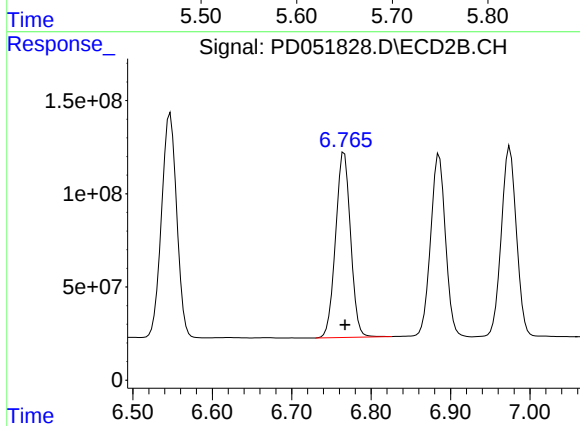
#13 Dieldrin

R.T.: 6.547 min
Delta R.T.: 0.000 min
Response: 1603884942
Conc: 51.98 ng/ml



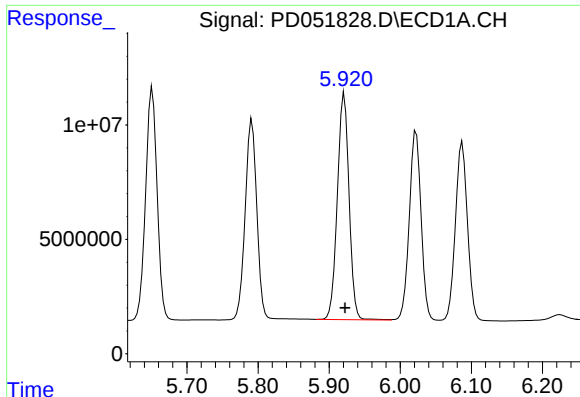
#14 Endrin

R.T.: 5.651 min
Delta R.T.: -0.002 min
Response: 114348421
Conc: 59.68 ng/ml



#14 Endrin

R.T.: 6.766 min
Delta R.T.: 0.000 min
Response: 1300551727
Conc: 49.81 ng/ml



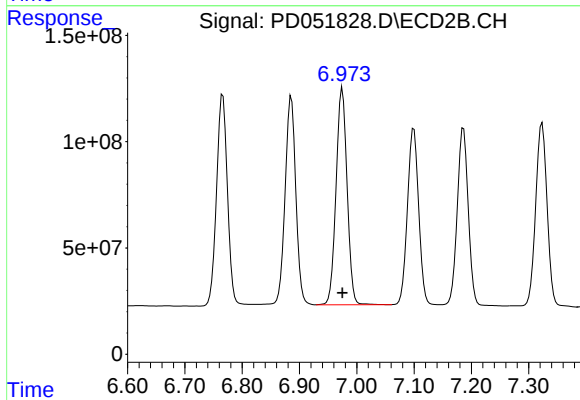
#15 Endosulfan II

R.T.: 5.921 min
Delta R.T.: -0.001 min
Response: 112892690
Conc: 62.64 ng/ml

Instrument :
ECD_D
ClientSampleId :
HR-05-031519-AMSD

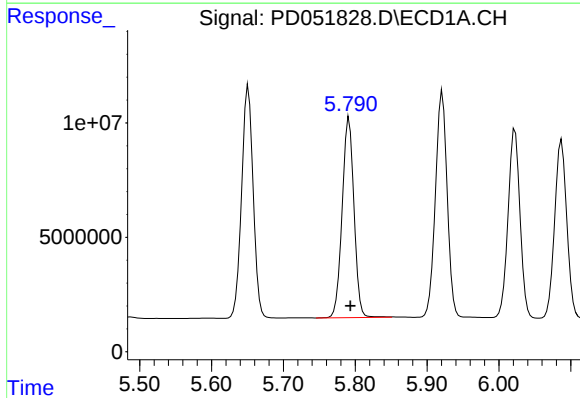
Manual Integrations
APPROVED

Sohil
3/19/2019 9:34:05 AM



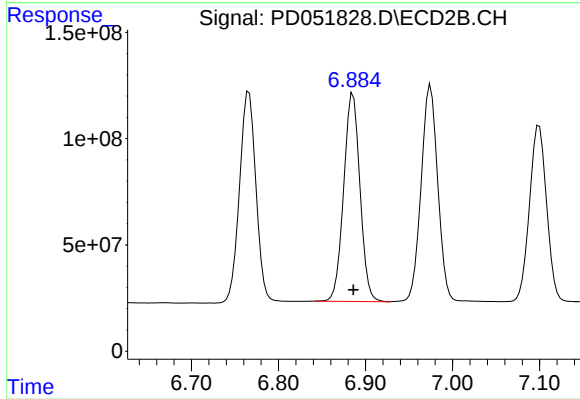
#15 Endosulfan II

R.T.: 6.975 min
Delta R.T.: 0.000 min
Response: 1357594158
Conc: 52.70 ng/ml



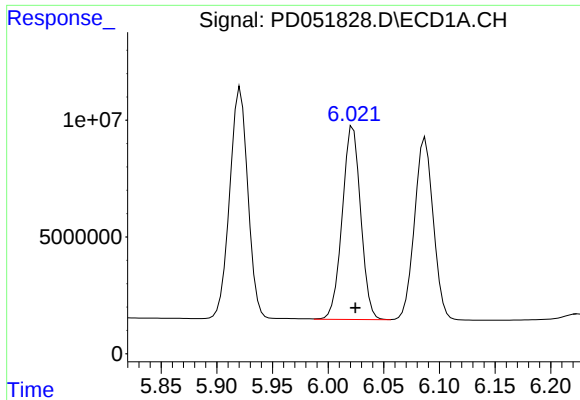
#16 4,4'-DDD

R.T.: 5.792 min
Delta R.T.: -0.002 min
Response: 99829343
Conc: 63.41 ng/ml



#16 4,4'-DDD

R.T.: 6.886 min
Delta R.T.: 0.000 min
Response: 1272217080
Conc: 51.80 ng/ml



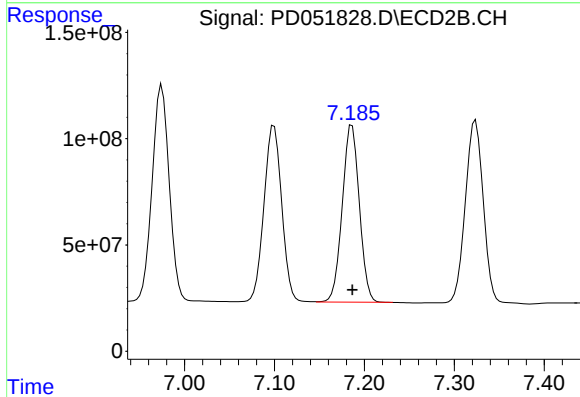
#17 4,4'-DDT

R.T.: 6.022 min
Delta R.T.: -0.002 min
Response: 95475499
Conc: 59.76 ng/ml

Instrument :
ECD_D
ClientSampleId :
HR-05-031519-AMSD

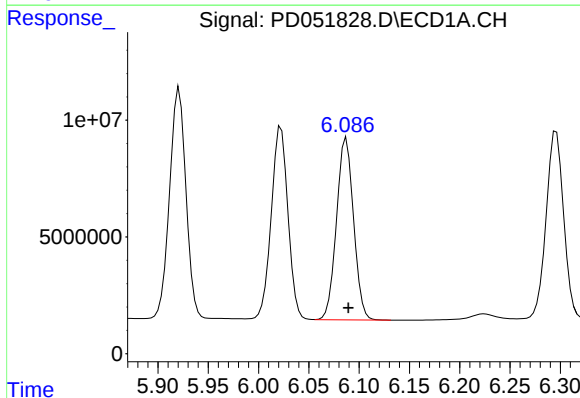
Manual Integrations
APPROVED

Sohil
3/19/2019 9:34:05 AM



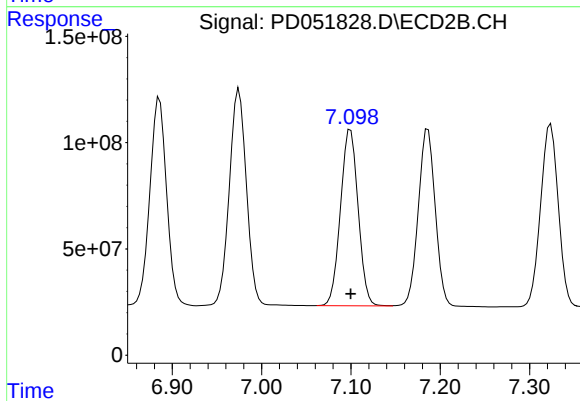
#17 4,4'-DDT

R.T.: 7.186 min
Delta R.T.: 0.000 min
Response: 1101024069
Conc: 54.35 ng/ml



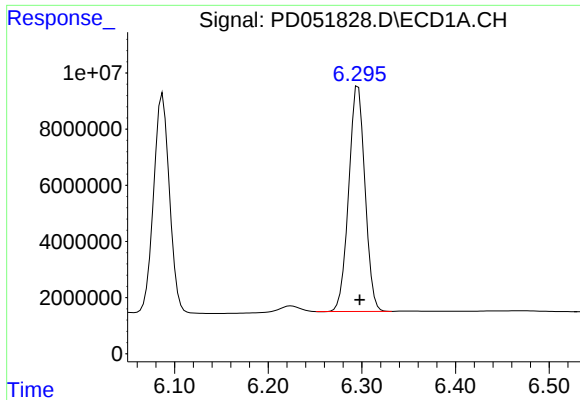
#18 Endrin aldehyde

R.T.: 6.087 min
Delta R.T.: -0.002 min
Response: 91733338
Conc: 62.02 ng/ml



#18 Endrin aldehyde

R.T.: 7.099 min
Delta R.T.: 0.000 min
Response: 1137542880
Conc: 53.06 ng/ml



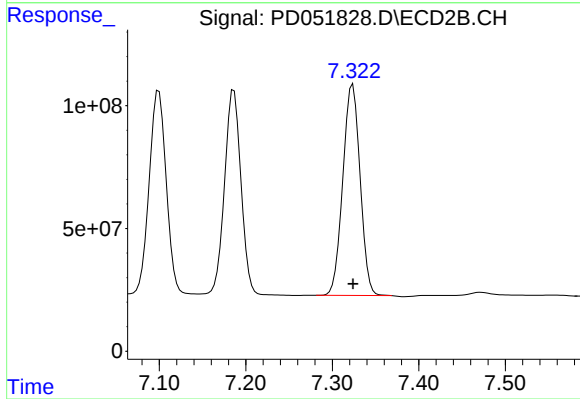
#19 Endosulfan Sulfate

R.T.: 6.296 min
Delta R.T.: -0.002 min
Response: 96940085
Conc: 58.63 ng/ml

Instrument :
ECD_D
ClientSampleId :
HR-05-031519-AMSD

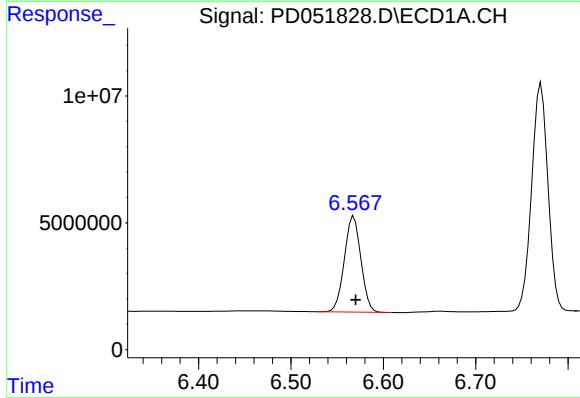
Manual Integrations
APPROVED

Sohil
3/19/2019 9:34:05 AM



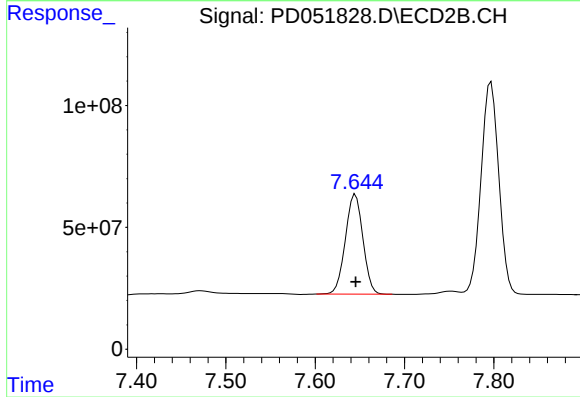
#19 Endosulfan Sulfate

R.T.: 7.324 min
Delta R.T.: 0.000 min
Response: 1187028601
Conc: 50.64 ng/ml



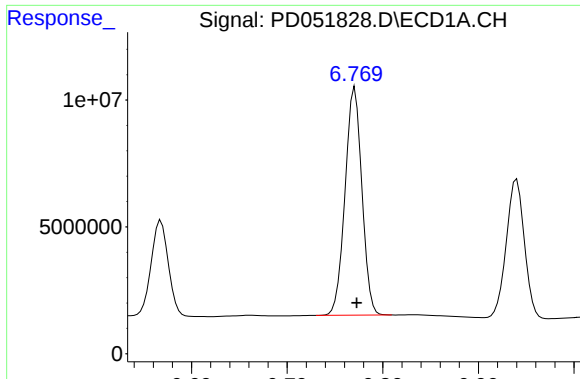
#20 Methoxychlor

R.T.: 6.568 min
Delta R.T.: -0.002 min
Response: 47083145
Conc: 53.02 ng/ml



#20 Methoxychlor

R.T.: 7.645 min
Delta R.T.: 0.000 min
Response: 559150535
Conc: 50.80 ng/ml



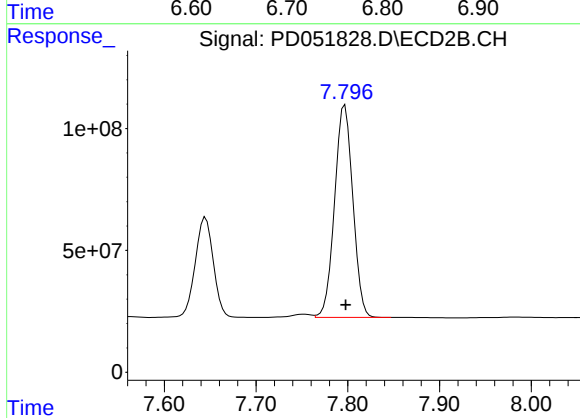
#21 Endrin ketone

R.T.: 6.771 min
Delta R.T.: -0.002 min
Response: 110407254
Conc: 59.64 ng/ml

Instrument :
ECD_D
ClientSampleId :
HR-05-031519-AMSD

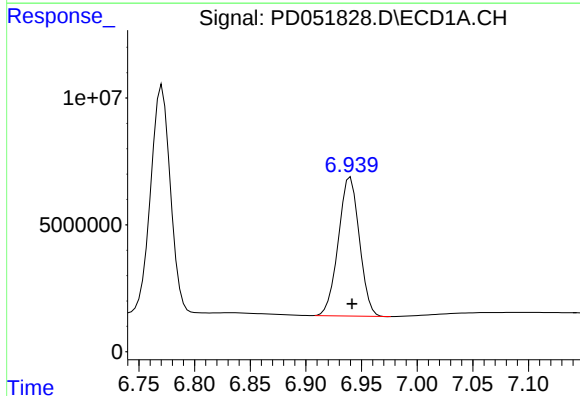
Manual Integrations
APPROVED

Sohil
3/19/2019 9:34:05 AM



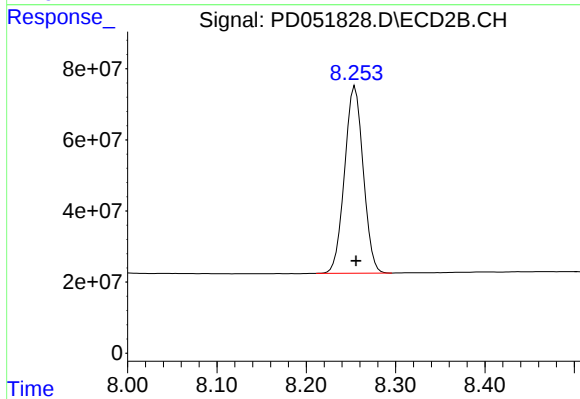
#21 Endrin ketone

R.T.: 7.797 min
Delta R.T.: 0.000 min
Response: 1203768265
Conc: 53.28 ng/ml



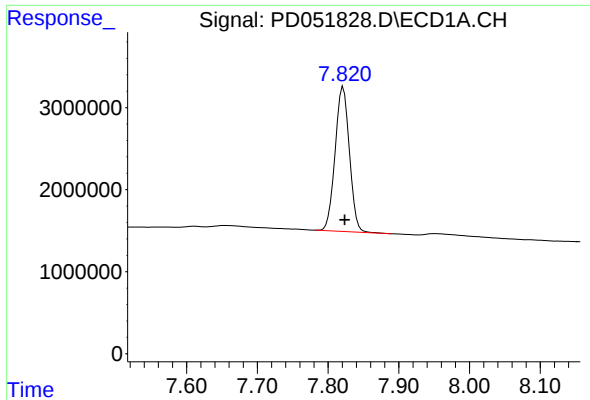
#22 Mirex

R.T.: 6.940 min
Delta R.T.: -0.001 min
Response: 71957558
Conc: 57.20 ng/ml



#22 Mirex

R.T.: 8.255 min
Delta R.T.: -0.001 min
Response: 762220995
Conc: 49.26 ng/ml



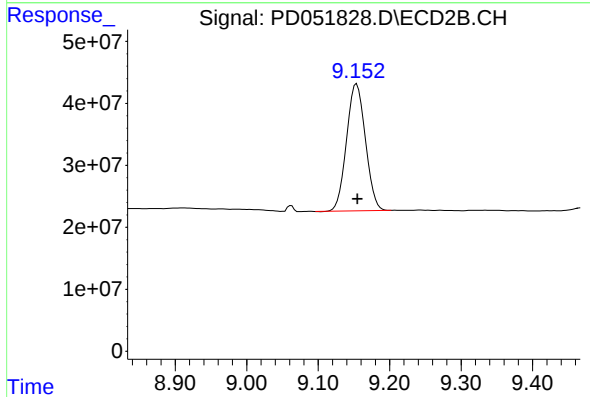
#28 Decachlorobiphenyl

R.T.: 7.821 min
Delta R.T.: -0.002 min
Response: 24759438
Conc: 21.78 ng/ml

Instrument :
ECD_D
ClientSampleId :
HR-05-031519-AMSD

Manual Integrations
APPROVED

Sohil
3/19/2019 9:34:05 AM



#28 Decachlorobiphenyl

R.T.: 9.154 min
Delta R.T.: -0.001 min
Response: 376229340
Conc: 20.60 ng/ml