

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD032019\
 Data File : PD051923.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 20 Mar 2019 20:39
 Operator : AJ\SJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PSTDCCC050

Manual Integrations
 APPROVED

Sohil
 3/21/2019 9:12:21 AM

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 21 08:42:38 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...	3.222	4.043	68268966	1313.8E6	51.488	45.815
28)	SA Decachlor...	7.820	9.154	54811267	745.7E6	48.221	40.821
Target Compounds							
2)	A alpha-BHC	3.642	4.435	116.0E6	2104.2E6	52.826	48.228
3)	MA gamma-BHC...	3.910	4.723	110.3E6	1921.0E6	52.772	48.500
4)	MA Heptachlor	4.188	5.236	114.1E6	1868.5E6	53.197	48.723
5)	MB Aldrin	4.419	5.542	110.5E6	1740.7E6	54.294	48.600
6)	B beta-BHC	4.156	4.892	44511409	839.0E6	50.553	46.678
7)	B delta-BHC	4.345	5.111	108.4E6	1660.8E6	53.438	48.328
8)	B Heptachlo...	4.847	5.930	105.3E6	1590.9E6	53.559	49.614
9)	A Endosulfan I	5.168	6.288	98744512	1376.9E6	53.281	46.443m
10)	B gamma-Chl...	5.064	6.164	109.5E6	1547.9E6	54.062	48.403m
11)	B alpha-Chl...	5.120	6.237	108.3E6	1469.2E6	53.865	46.357m
12)	B 4,4'-DDE	5.289	6.392	97282866	1391.6E6	51.930	44.994m
13)	MA Dieldrin	5.404	6.545	112.0E6	1365.2E6	55.710	44.246m
14)	MA Endrin	5.650	6.766	106.2E6	1128.2E6	55.453	43.207
15)	B Endosulfa...	5.920	6.975	99096808	1064.7E6	54.989	41.333
16)	A 4,4'-DDD	5.790	6.886	88057445	1014.1E6	55.930	41.286 #
17)	MA 4,4'-DDT	6.022	7.186	91806884	947.9E6	57.462	46.796
18)	B Endrin al...	6.086	7.099	79814026	901.2E6	53.958	42.034
19)	B Endosulfa...	6.295	7.323	86776862	973.2E6	52.486	41.519
20)	A Methoxychlor	6.567	7.645	48045222	491.4E6	54.101	44.642
21)	B Endrin ke...	6.770	7.797	97593338	939.7E6	52.722	41.593
22)	Mirex	6.939	8.254	67172716	615.1E6	53.398	39.750 #

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD032019\
Data File : PD051923.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 20 Mar 2019 20:39
Operator : AJ\SJ
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

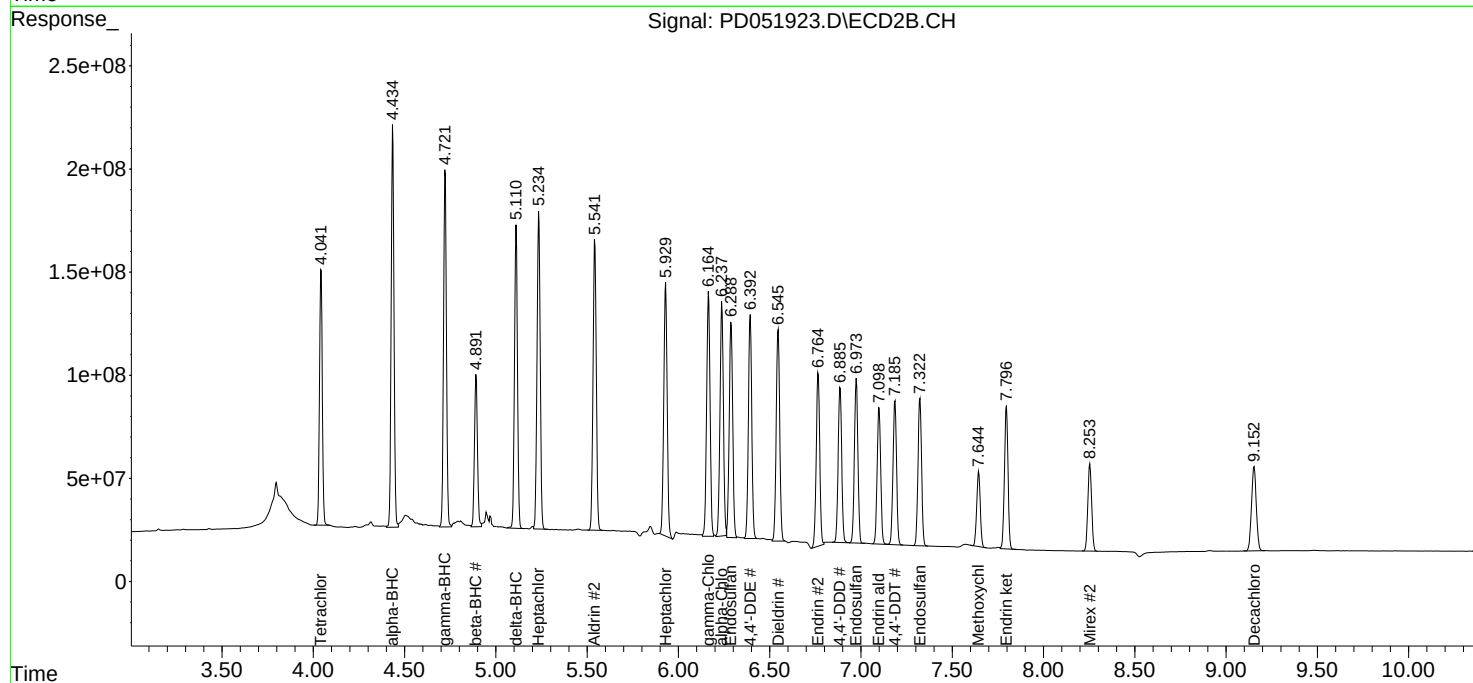
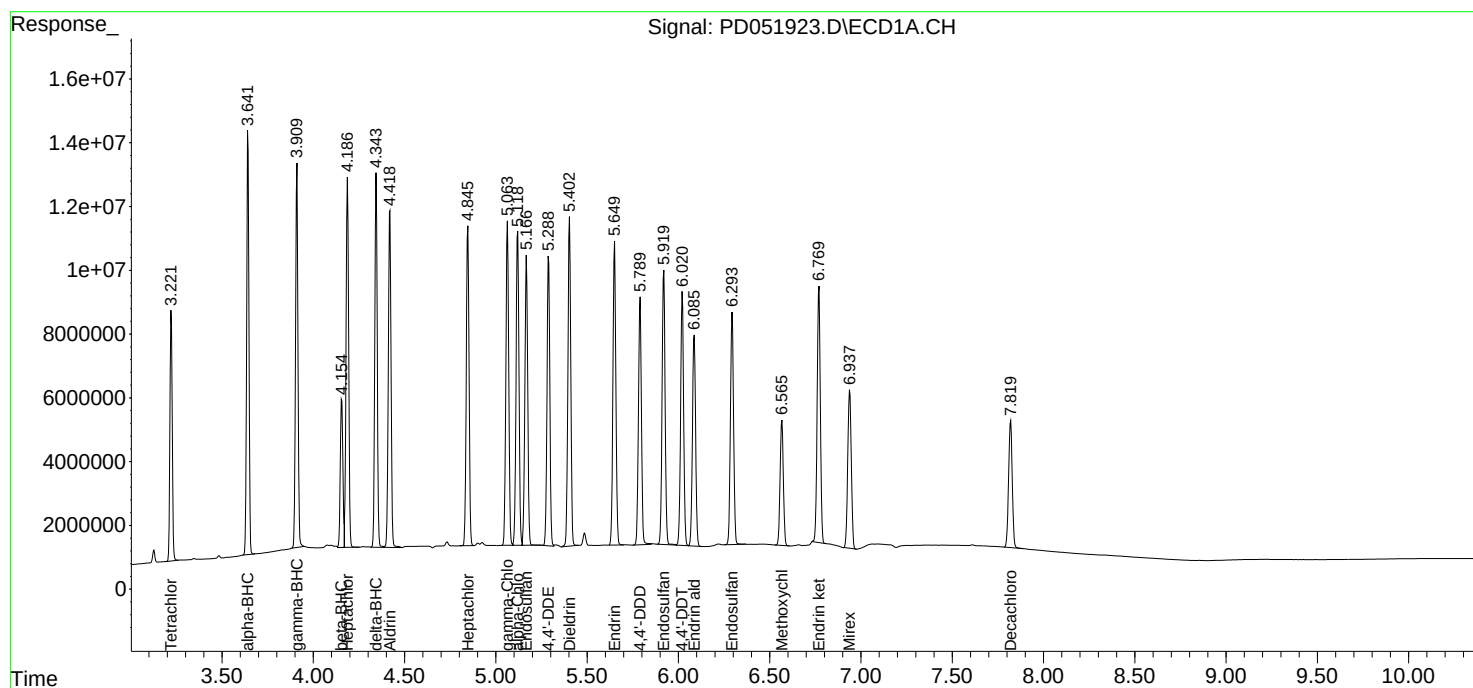
Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

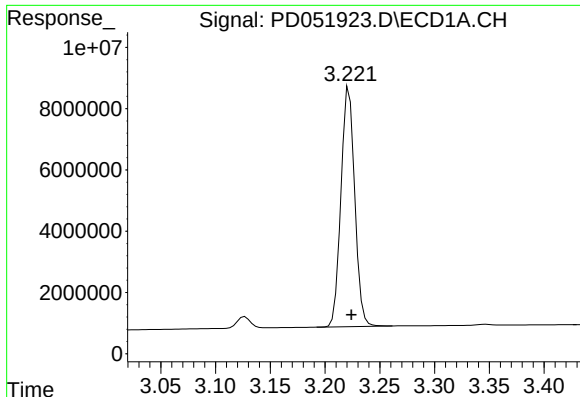
Manual Integrations
APPROVED

Sohil
3/21/2019 9:12:21 AM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 21 08:42:38 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





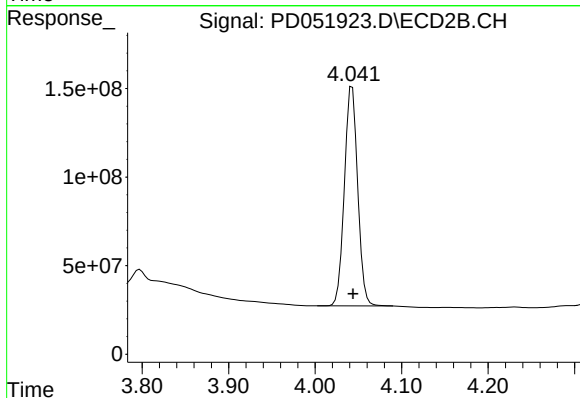
#1 Tetrachloro-m-xylene

R.T.: 3.222 min
Delta R.T.: -0.002 min
Response: 68268966
Conc: 51.49 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

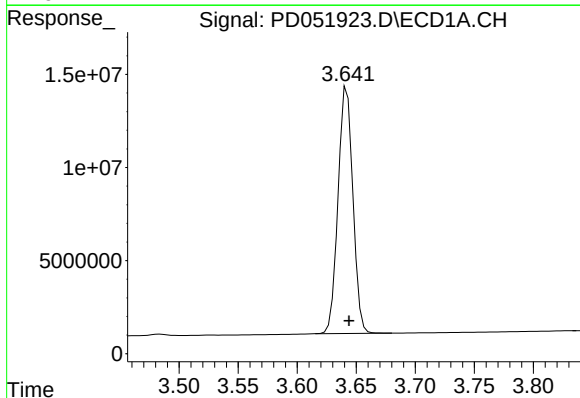
Manual Integrations
APPROVED

Sohil
3/21/2019 9:12:21 AM



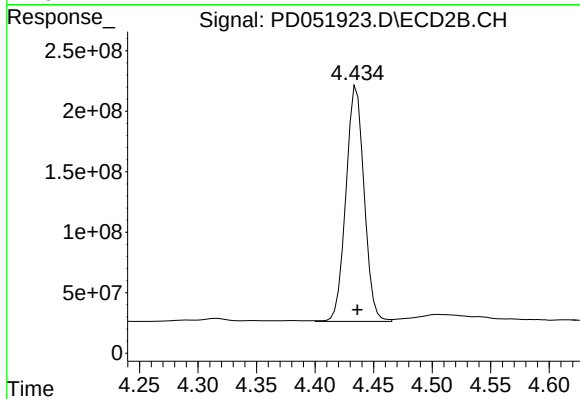
#1 Tetrachloro-m-xylene

R.T.: 4.043 min
Delta R.T.: 0.000 min
Response: 1313848942
Conc: 45.82 ng/ml



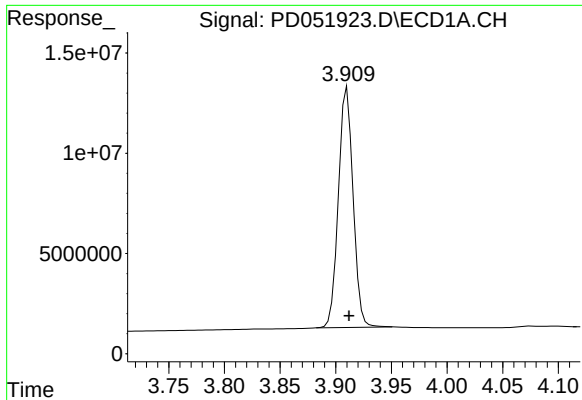
#2 alpha-BHC

R.T.: 3.642 min
Delta R.T.: -0.002 min
Response: 115963447
Conc: 52.83 ng/ml



#2 alpha-BHC

R.T.: 4.435 min
Delta R.T.: 0.000 min
Response: 2104193520
Conc: 48.23 ng/ml



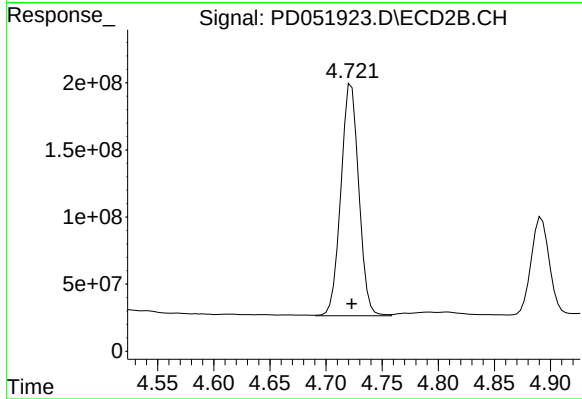
#3 gamma-BHC (Lindane)

R.T.: 3.910 min
Delta R.T.: -0.002 min
Response: 110254557
Conc: 52.77 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

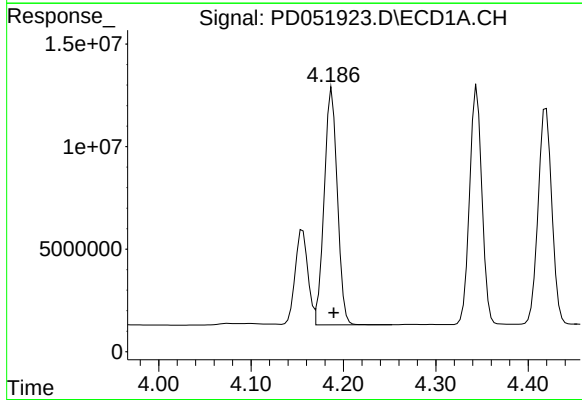
Manual Integrations
APPROVED

Sohil
3/21/2019 9:12:21 AM



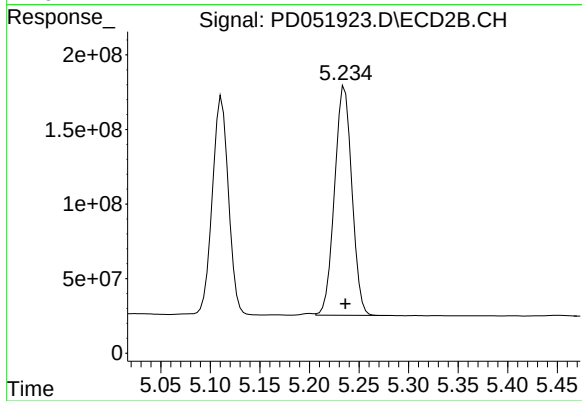
#3 gamma-BHC (Lindane)

R.T.: 4.723 min
Delta R.T.: 0.000 min
Response: 1920955461
Conc: 48.50 ng/ml



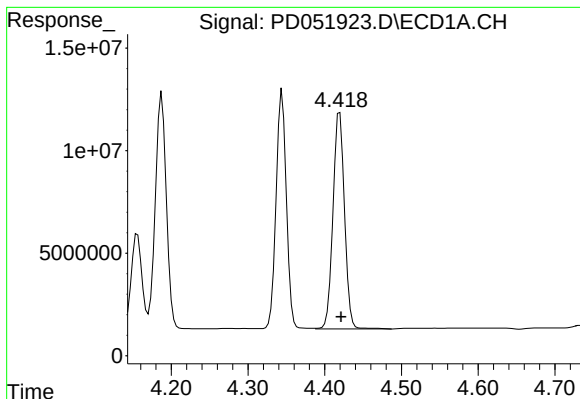
#4 Heptachlor

R.T.: 4.188 min
Delta R.T.: -0.002 min
Response: 114129310
Conc: 53.20 ng/ml



#4 Heptachlor

R.T.: 5.236 min
Delta R.T.: 0.000 min
Response: 1868506016
Conc: 48.72 ng/ml



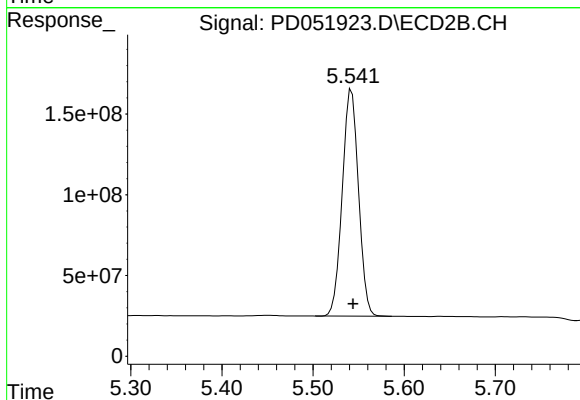
#5 Aldrin

R.T.: 4.419 min
Delta R.T.: -0.002 min
Response: 110524375
Conc: 54.29 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

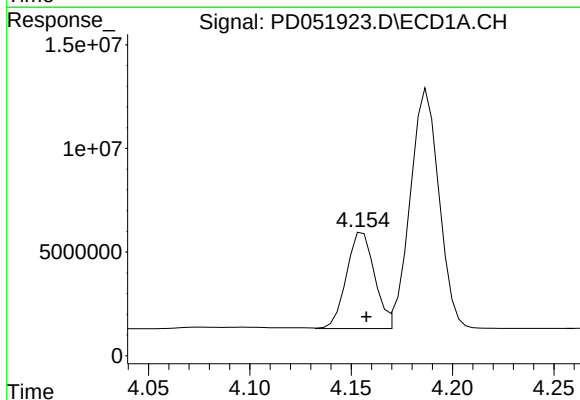
Manual Integrations
APPROVED

Sohil
3/21/2019 9:12:21 AM



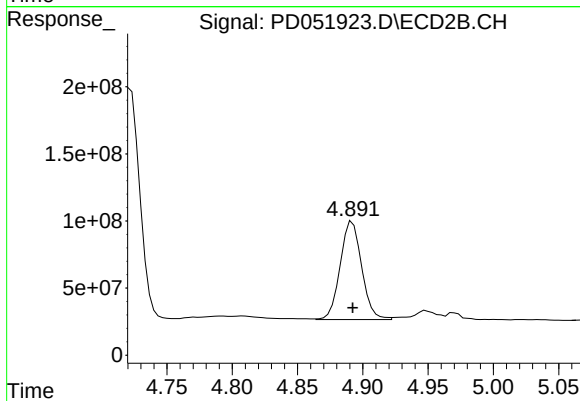
#5 Aldrin

R.T.: 5.542 min
Delta R.T.: -0.001 min
Response: 1740722377
Conc: 48.60 ng/ml



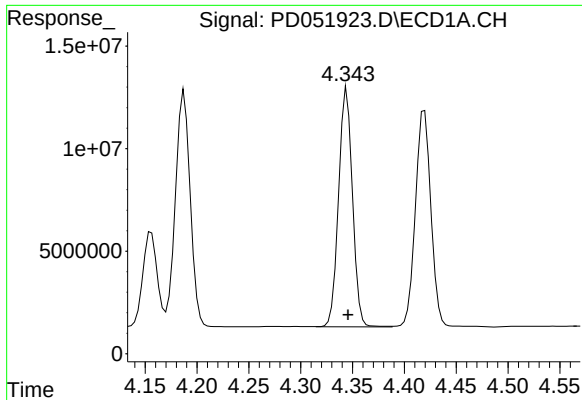
#6 beta-BHC

R.T.: 4.156 min
Delta R.T.: -0.002 min
Response: 44511409
Conc: 50.55 ng/ml



#6 beta-BHC

R.T.: 4.892 min
Delta R.T.: 0.000 min
Response: 838959289
Conc: 46.68 ng/ml



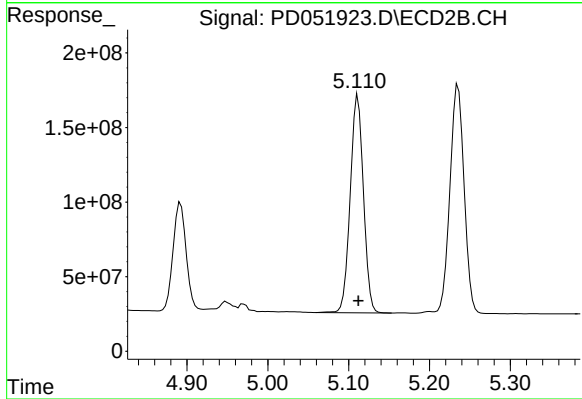
#7 delta-BHC

R.T.: 4.345 min
Delta R.T.: -0.001 min
Response: 108362249
Conc: 53.44 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

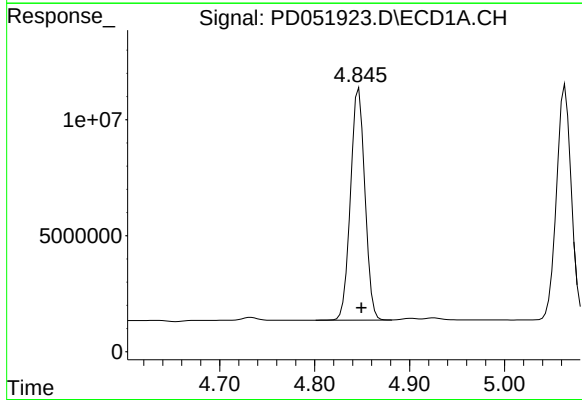
Manual Integrations
APPROVED

Sohil
3/21/2019 9:12:21 AM



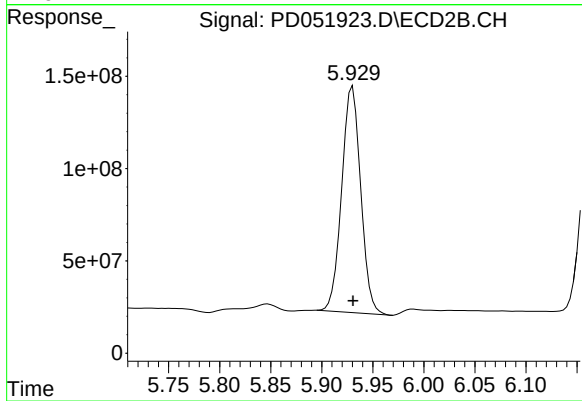
#7 delta-BHC

R.T.: 5.111 min
Delta R.T.: 0.000 min
Response: 1660826157
Conc: 48.33 ng/ml



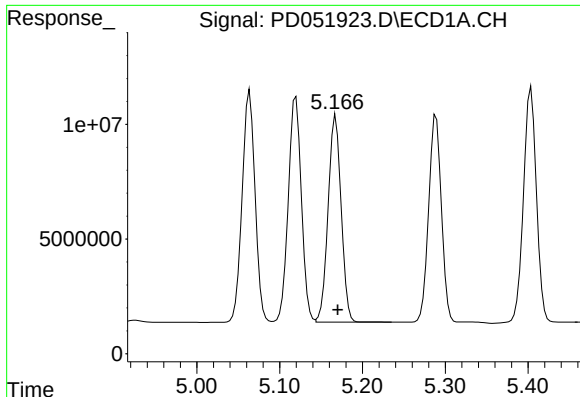
#8 Heptachlor epoxide

R.T.: 4.847 min
Delta R.T.: -0.002 min
Response: 105298138
Conc: 53.56 ng/ml



#8 Heptachlor epoxide

R.T.: 5.930 min
Delta R.T.: 0.000 min
Response: 1590882082
Conc: 49.61 ng/ml



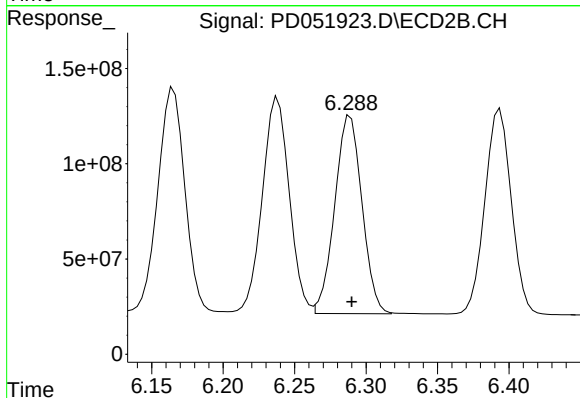
#9 Endosulfan I

R.T.: 5.168 min
Delta R.T.: -0.002 min
Response: 98744512
Conc: 53.28 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

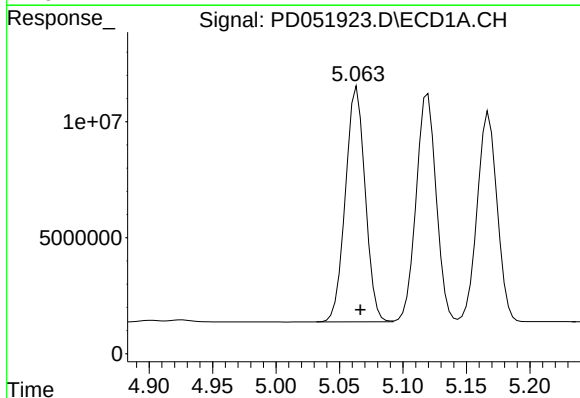
Manual Integrations
APPROVED

Sohil
3/21/2019 9:12:21 AM



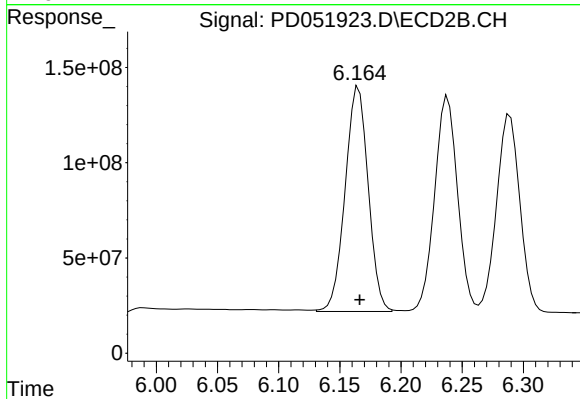
#9 Endosulfan I

R.T.: 6.288 min
Delta R.T.: -0.002 min
Response: 1376853591
Conc: 46.44 ng/ml m



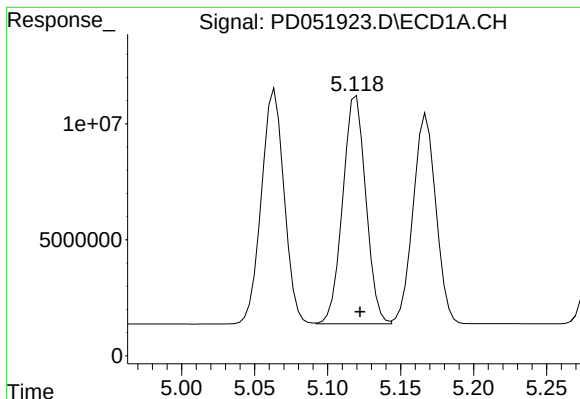
#10 gamma-Chlordane

R.T.: 5.064 min
Delta R.T.: -0.002 min
Response: 109548089
Conc: 54.06 ng/ml



#10 gamma-Chlordane

R.T.: 6.164 min
Delta R.T.: -0.002 min
Response: 1547881412
Conc: 48.40 ng/ml m



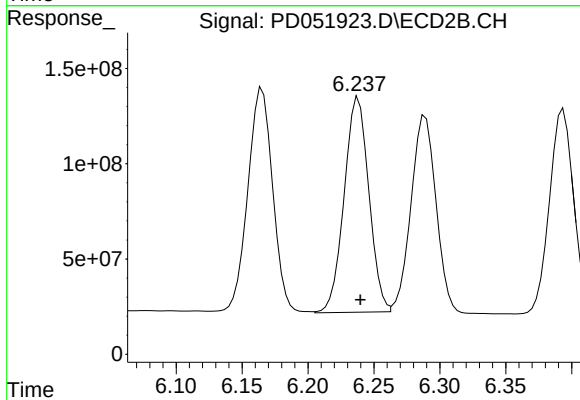
#11 alpha-Chlordane

R.T.: 5.120 min
Delta R.T.: -0.003 min
Response: 108255667
Conc: 53.86 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

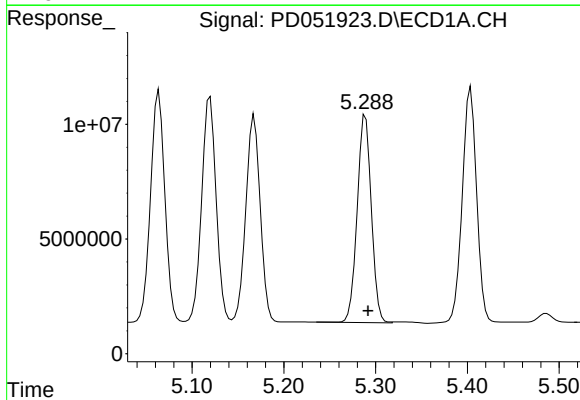
Manual Integrations
APPROVED

Sohil
3/21/2019 9:12:21 AM



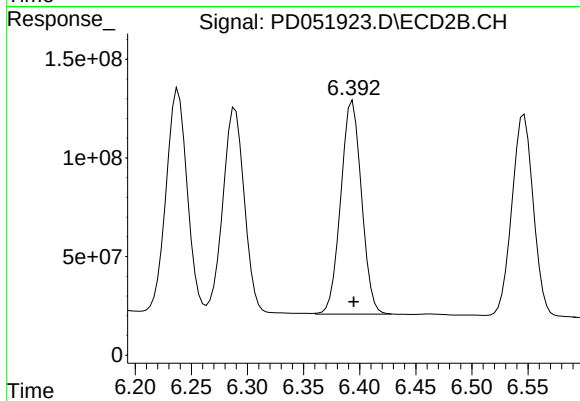
#11 alpha-Chlordane

R.T.: 6.237 min
Delta R.T.: -0.003 min
Response: 1469230447
Conc: 46.36 ng/ml m



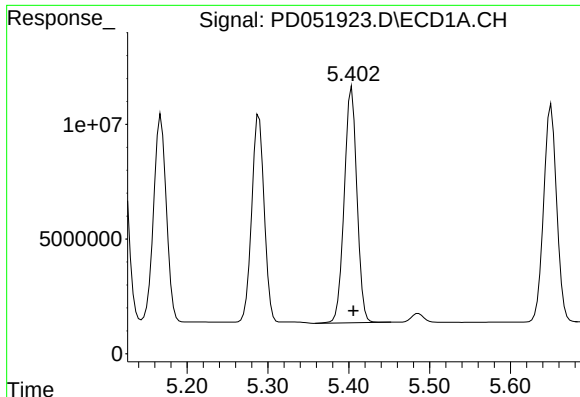
#12 4,4'-DDE

R.T.: 5.289 min
Delta R.T.: -0.003 min
Response: 97282866
Conc: 51.93 ng/ml



#12 4,4'-DDE

R.T.: 6.392 min
Delta R.T.: -0.002 min
Response: 1391642247
Conc: 44.99 ng/ml m



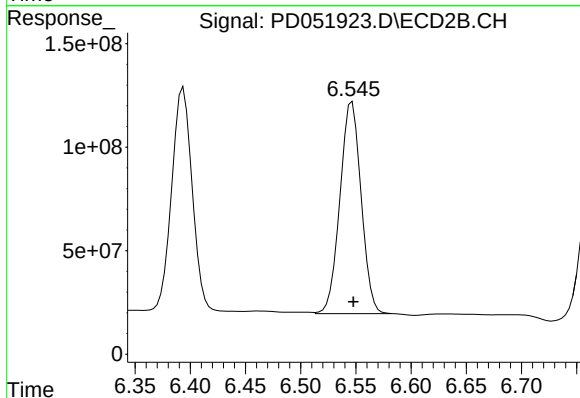
#13 Dieldrin

R.T.: 5.404 min
Delta R.T.: -0.002 min
Response: 111994491
Conc: 55.71 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

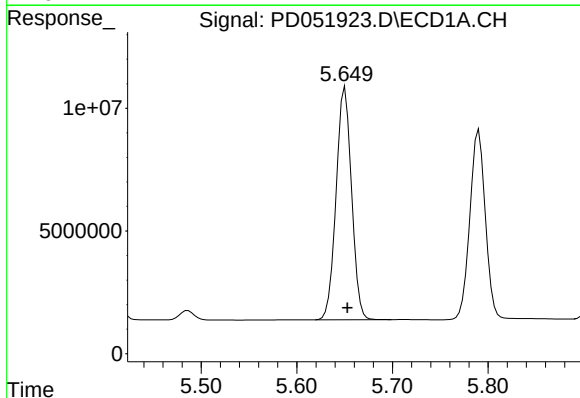
Manual Integrations
APPROVED

Sohil
3/21/2019 9:12:21 AM



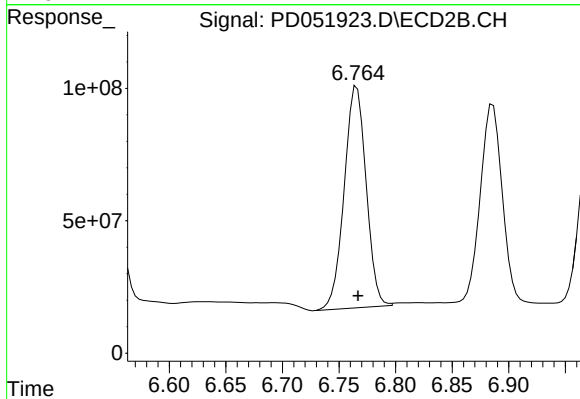
#13 Dieldrin

R.T.: 6.545 min
Delta R.T.: -0.002 min
Response: 1365221925
Conc: 44.25 ng/ml m



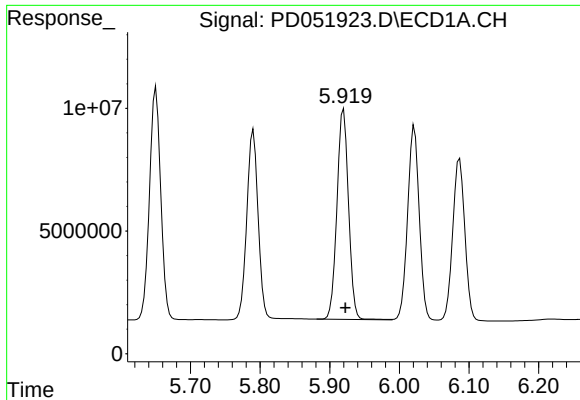
#14 Endrin

R.T.: 5.650 min
Delta R.T.: -0.003 min
Response: 106242942
Conc: 55.45 ng/ml



#14 Endrin

R.T.: 6.766 min
Delta R.T.: -0.001 min
Response: 1128221865
Conc: 43.21 ng/ml



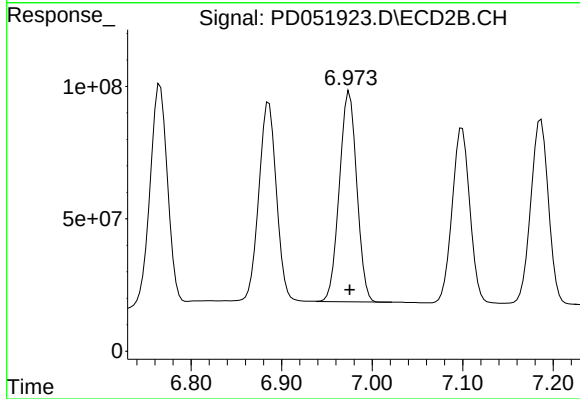
#15 Endosulfan II

R.T.: 5.920 min
Delta R.T.: -0.003 min
Response: 99096808
Conc: 54.99 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

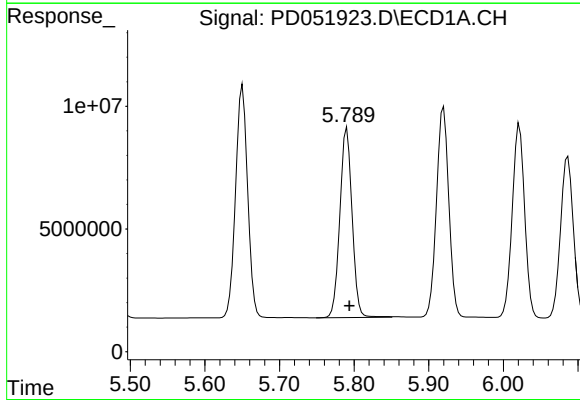
Manual Integrations
APPROVED

Sohil
3/21/2019 9:12:21 AM



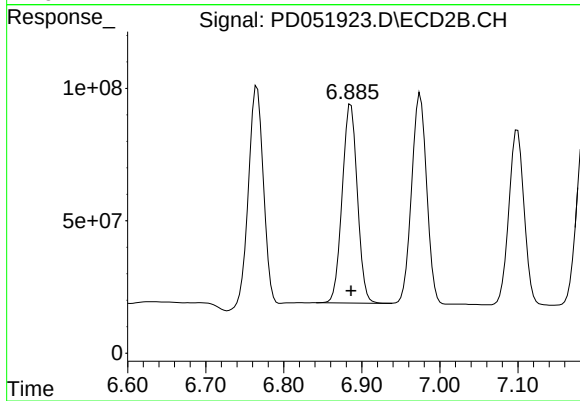
#15 Endosulfan II

R.T.: 6.975 min
Delta R.T.: 0.000 min
Response: 1064696798
Conc: 41.33 ng/ml



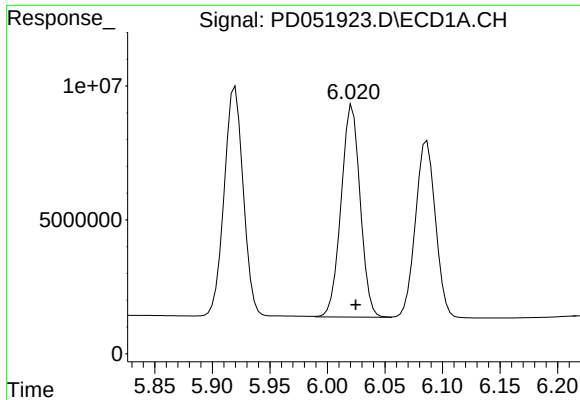
#16 4,4'-DDD

R.T.: 5.790 min
Delta R.T.: -0.003 min
Response: 88057445
Conc: 55.93 ng/ml



#16 4,4'-DDD

R.T.: 6.886 min
Delta R.T.: 0.000 min
Response: 1014055012
Conc: 41.29 ng/ml



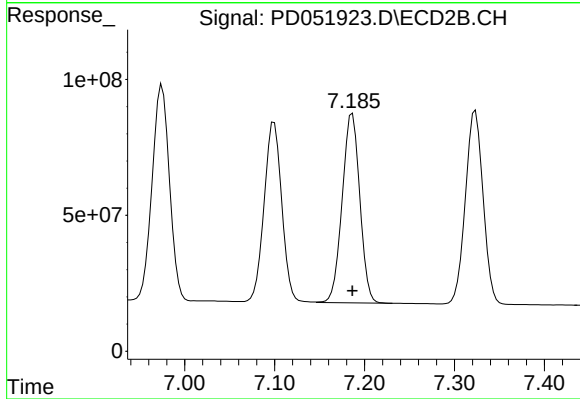
#17 4,4'-DDT

R.T.: 6.022 min
Delta R.T.: -0.003 min
Response: 91806884
Conc: 57.46 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

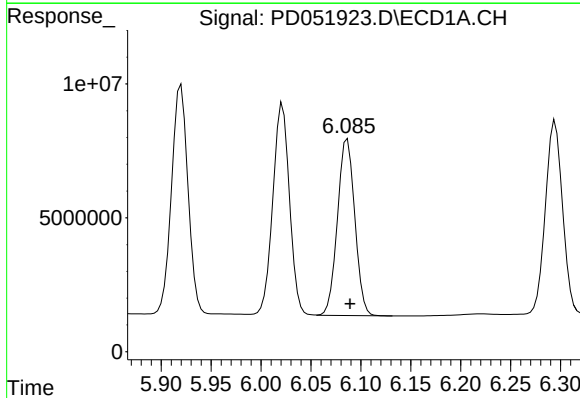
Manual Integrations
APPROVED

Sohil
3/21/2019 9:12:21 AM



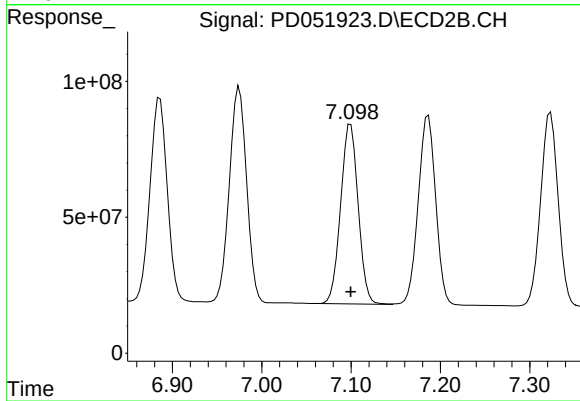
#17 4,4'-DDT

R.T.: 7.186 min
Delta R.T.: 0.000 min
Response: 947934661
Conc: 46.80 ng/ml



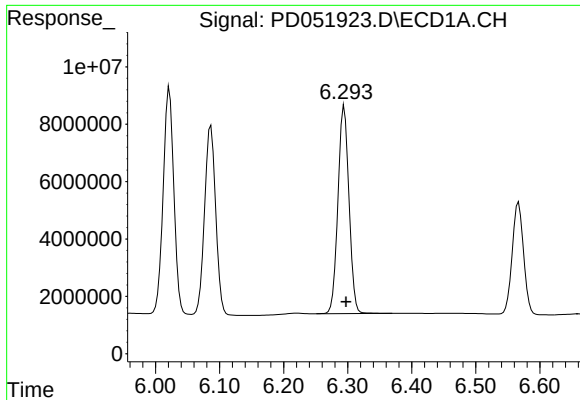
#18 Endrin aldehyde

R.T.: 6.086 min
Delta R.T.: -0.003 min
Response: 79814026
Conc: 53.96 ng/ml



#18 Endrin aldehyde

R.T.: 7.099 min
Delta R.T.: 0.000 min
Response: 901226704
Conc: 42.03 ng/ml



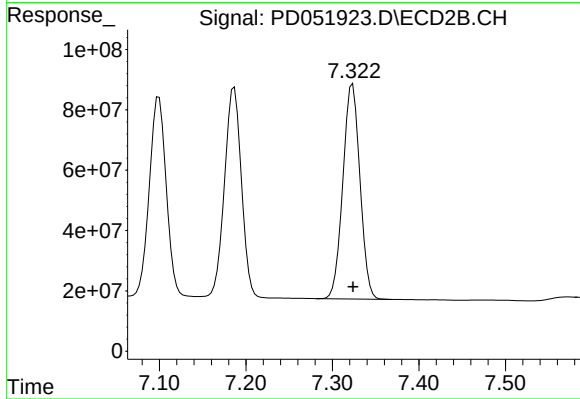
#19 Endosulfan Sulfate

R.T.: 6.295 min
Delta R.T.: -0.003 min
Response: 86776862
Conc: 52.49 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

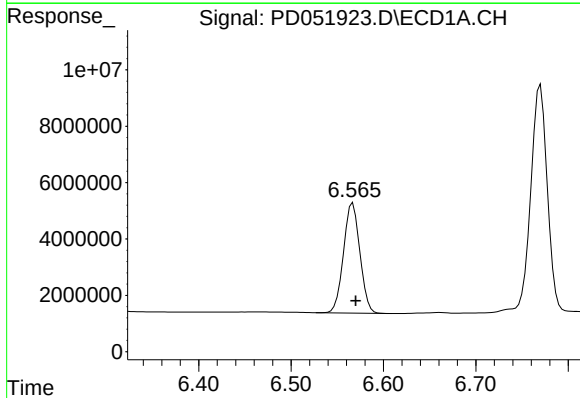
Manual Integrations
APPROVED

Sohil
3/21/2019 9:12:21 AM



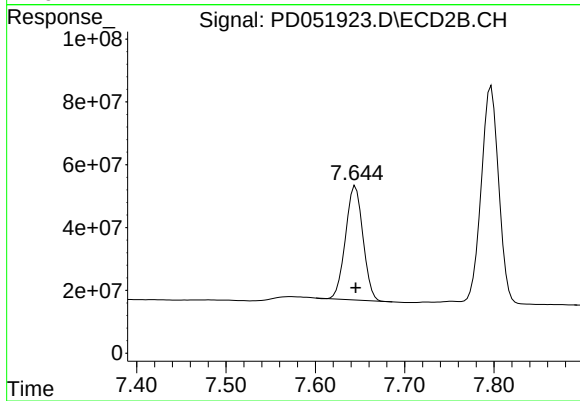
#19 Endosulfan Sulfate

R.T.: 7.323 min
Delta R.T.: 0.000 min
Response: 973237301
Conc: 41.52 ng/ml



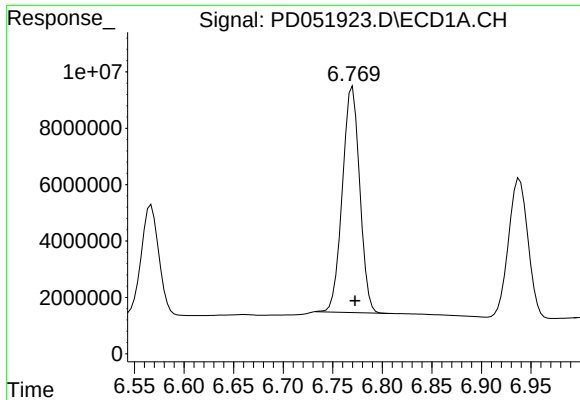
#20 Methoxychlor

R.T.: 6.567 min
Delta R.T.: -0.003 min
Response: 48045222
Conc: 54.10 ng/ml



#20 Methoxychlor

R.T.: 7.645 min
Delta R.T.: 0.000 min
Response: 491372024
Conc: 44.64 ng/ml



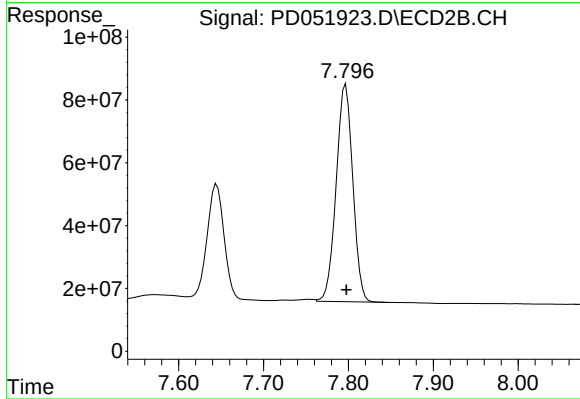
#21 Endrin ketone

R.T.: 6.770 min
Delta R.T.: -0.003 min
Response: 97593338
Conc: 52.72 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

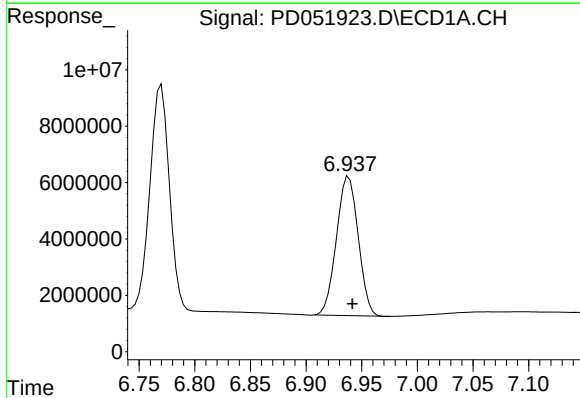
Manual Integrations
APPROVED

Sohil
3/21/2019 9:12:21 AM



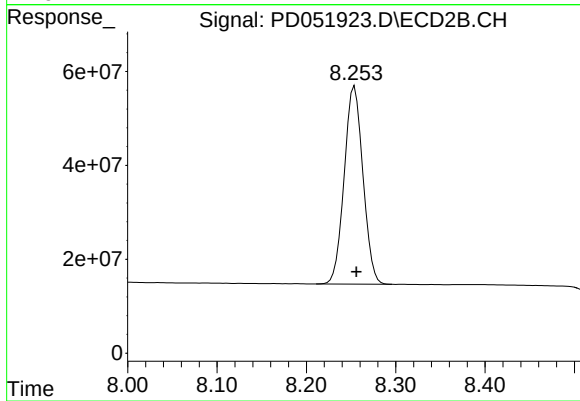
#21 Endrin ketone

R.T.: 7.797 min
Delta R.T.: 0.000 min
Response: 939669121
Conc: 41.59 ng/ml



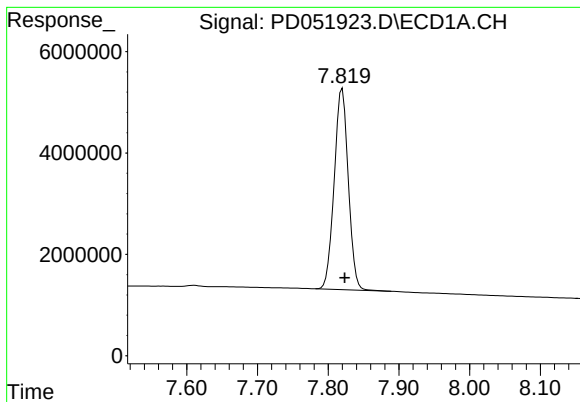
#22 Mirex

R.T.: 6.939 min
Delta R.T.: -0.003 min
Response: 67172716
Conc: 53.40 ng/ml



#22 Mirex

R.T.: 8.254 min
Delta R.T.: -0.002 min
Response: 615112503
Conc: 39.75 ng/ml



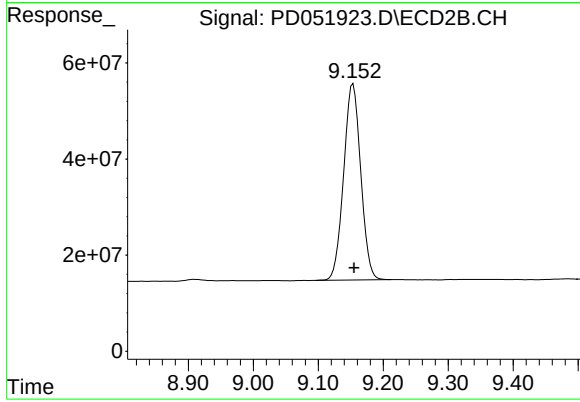
#28 Decachlorobiphenyl

R.T.: 7.820 min
Delta R.T.: -0.003 min
Response: 54811267
Conc: 48.22 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

Manual Integrations
APPROVED

Sohil
3/21/2019 9:12:21 AM



#28 Decachlorobiphenyl

R.T.: 9.154 min
Delta R.T.: -0.002 min
Response: 745684681
Conc: 40.82 ng/ml