

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD110119\
 Data File : PD055748.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 31 Oct 2019 10:56
 Operator : SG\AJ
 Sample : K5111-08
 Misc : PEST LOQ 5 PPB
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 LOQ-WATER-02-QT4-2019

Manual Integrations
 APPROVED

Ankita
 11/1/2019 12:20:23 PM

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 01 05:17:14 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD110119.M
 Quant Title : GC Extractables
 QLast Update : Thu Oct 31 06:48:28 2019
 Response via : Initial Calibration
 Integrator: ChemStation

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...	3.289	3.963	17558535	25692567	20.596	21.334
28)	SA Decachlor...	7.965	8.998	19696083	29207097	20.819	20.988
Target Compounds							
2)	A alpha-BHC	3.716	4.349	5672131	8577327	4.466	4.867
3)	MA gamma-BHC...	3.990	4.632	5749607	8369165	4.800m	4.875
4)	MA Heptachlor	4.277	5.138	5084049	8727671	4.772	5.037
5)	MB Aldrin	4.516	5.442	5281098	9429256	4.826	5.633
6)	B beta-BHC	4.241	4.800	2451822	4175623	4.864	5.253
7)	B delta-BHC	4.437	5.016	5001943	6878017	4.344	4.292
8)	B Heptachlor...	4.953	5.824	5027834	8270640	4.886	5.122m
9)	A Endosulfan I	5.284	6.181	4679606	8425402	4.800	5.364
10)	B gamma-Chl...	5.176	6.058	5272428	8851061	4.941	5.134m
11)	B alpha-Chl...	5.233	6.129	5173659	8901563	4.902	5.182m
12)	B 4,4'-DDE	5.401	6.288	4515466	7767411	4.587	4.856
13)	MA Dieldrin	5.524	6.436	4999259	8569130	4.713	5.071
14)	MA Endrin	5.777	6.654	4647420	6898962	4.846	4.783
15)	B Endosulfa...	6.051	6.861	4595920	8196933	4.742	5.278
16)	A 4,4'-DDD	5.912	6.775	3755055	6959165	4.671	5.093
17)	MA 4,4'-DDT	6.148	7.073	2922187	5971415	4.083	4.474
18)	B Endrin al...	6.218	6.985	4787051	7077367	5.728m	5.278
19)	B Endosulfa...	6.429	7.207	4532841	7831362	5.060m	5.383
20)	A Methoxychlor	6.696	7.530	2261403	4003345	5.771	5.005
21)	B Endrin ke...	6.915	7.676	4661613	8613321	4.455	5.192
22)	Mirex	7.090	8.130	4641334	6828627	5.629	5.644

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD110119\
Data File : PD055748.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 31 Oct 2019 10:56
Operator : SG\AJ
Sample : K5111-08
Misc : PEST LOQ 5 PPB
ALS Vial : 16 Sample Multiplier: 1

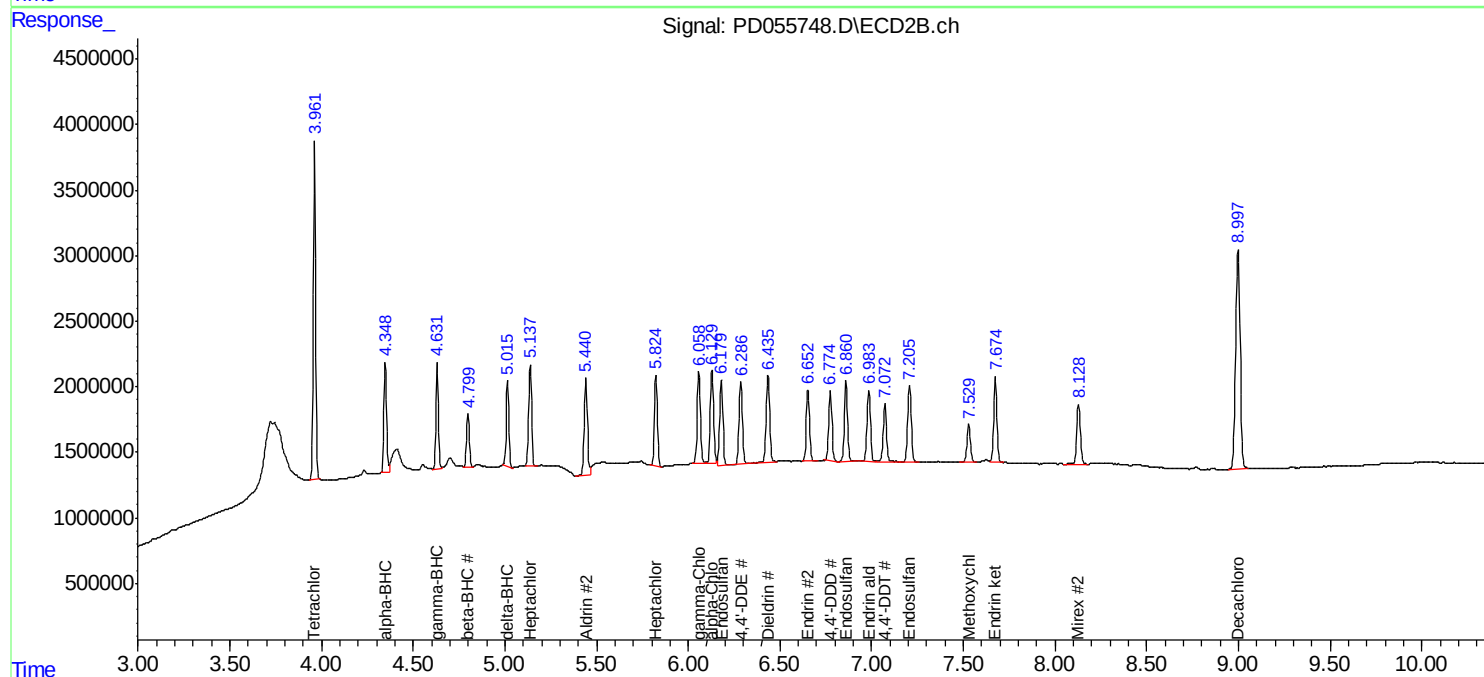
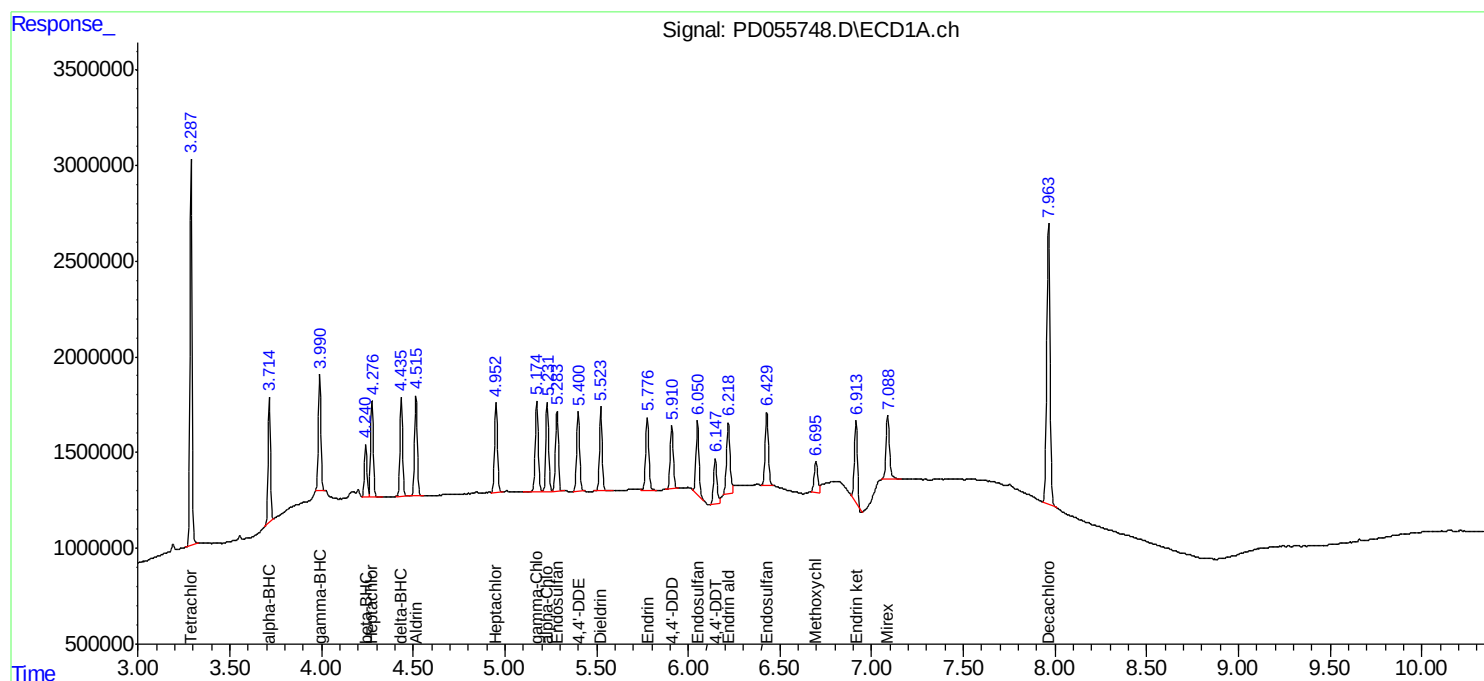
Instrument :
ECD_D
ClientSampleId :
LOQ-WATER-02-QT4-2019

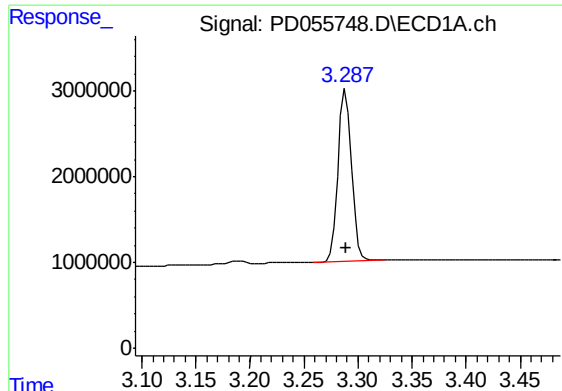
Manual Integrations
APPROVED

Ankita
11/1/2019 12:20:23 PM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 01 05:17:14 2019
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD110119.M
Quant Title : GC Extractables
QLast Update : Thu Oct 31 06:48:28 2019
Response via : Initial Calibration
Integrator: ChemStation

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





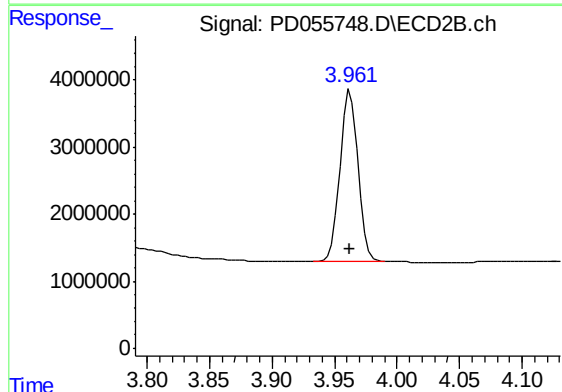
#1 Tetrachloro-m-xylene

R.T.: 3.289 min
Delta R.T.: 0.000 min
Response: 17558535
Conc: 20.60 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOQ-WATER-02-QT4-2019

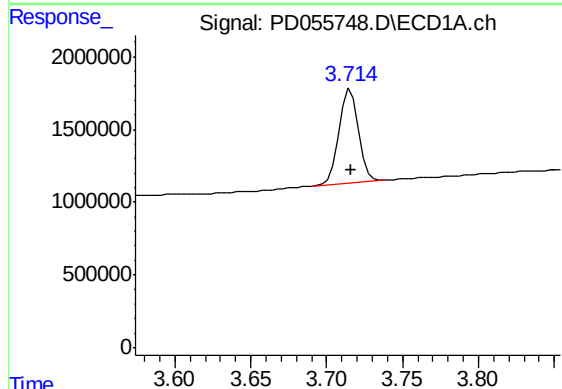
Manual Integrations
APPROVED

Ankita
11/1/2019 12:20:23 PM



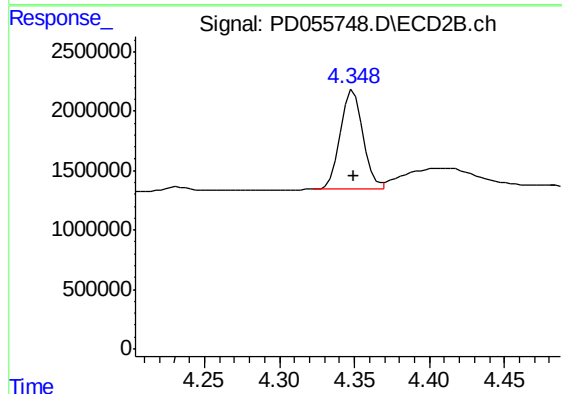
#1 Tetrachloro-m-xylene

R.T.: 3.963 min
Delta R.T.: 0.000 min
Response: 25692567
Conc: 21.33 ng/ml



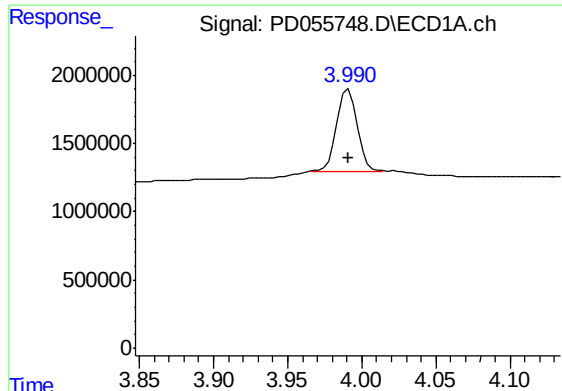
#2 alpha-BHC

R.T.: 3.716 min
Delta R.T.: 0.000 min
Response: 5672131
Conc: 4.47 ng/ml



#2 alpha-BHC

R.T.: 4.349 min
Delta R.T.: 0.000 min
Response: 8577327
Conc: 4.87 ng/ml



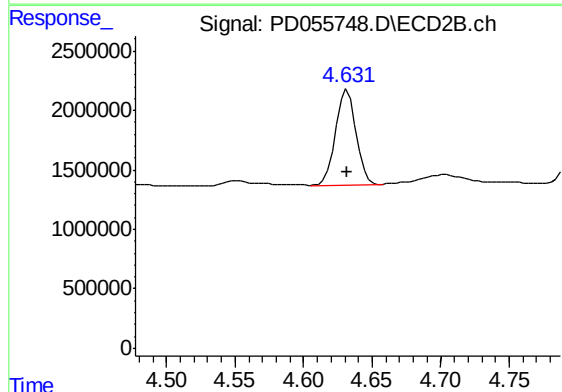
#3 gamma-BHC (Lindane)

R.T.: 3.990 min
Delta R.T.: -0.001 min
Response: 5749607
Conc: 4.80 ng/ml m

Instrument :
ECD_D
ClientSampleId :
LOQ-WATER-02-QT4-2019

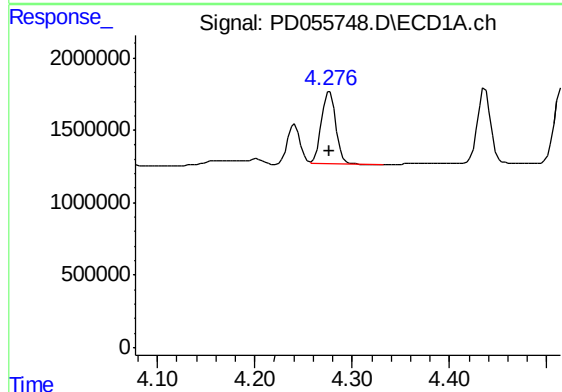
Manual Integrations
APPROVED

Ankita
11/1/2019 12:20:23 PM



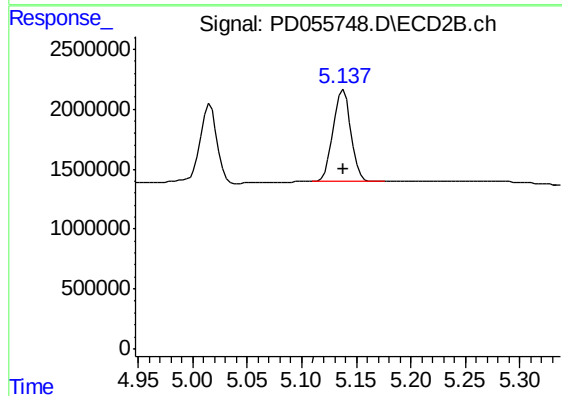
#3 gamma-BHC (Lindane)

R.T.: 4.632 min
Delta R.T.: 0.000 min
Response: 8369165
Conc: 4.88 ng/ml



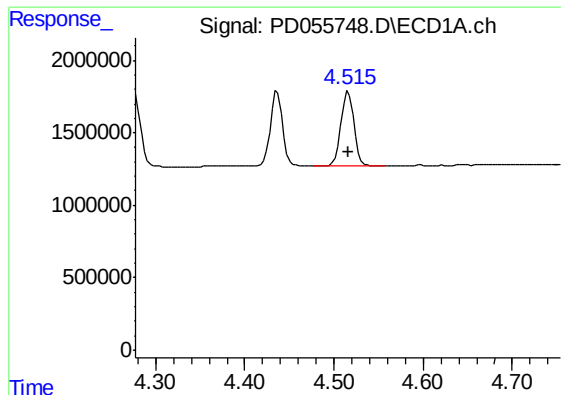
#4 Heptachlor

R.T.: 4.277 min
Delta R.T.: 0.000 min
Response: 5084049
Conc: 4.77 ng/ml



#4 Heptachlor

R.T.: 5.138 min
Delta R.T.: 0.000 min
Response: 8727671
Conc: 5.04 ng/ml



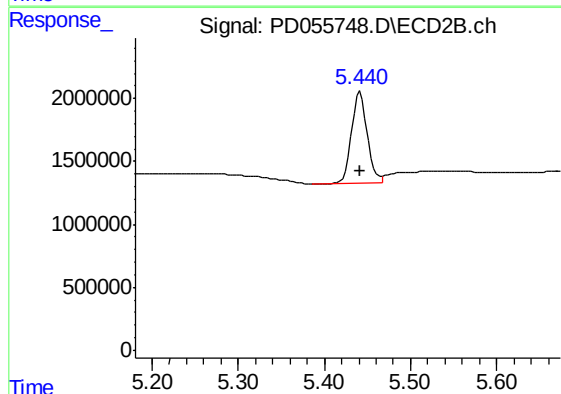
#5 Aldrin

R.T.: 4.516 min
Delta R.T.: 0.000 min
Response: 5281098
Conc: 4.83 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOQ-WATER-02-QT4-2019

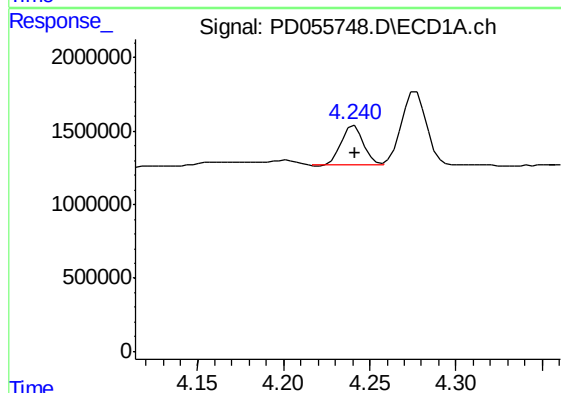
Manual Integrations
APPROVED

Ankita
11/1/2019 12:20:23 PM



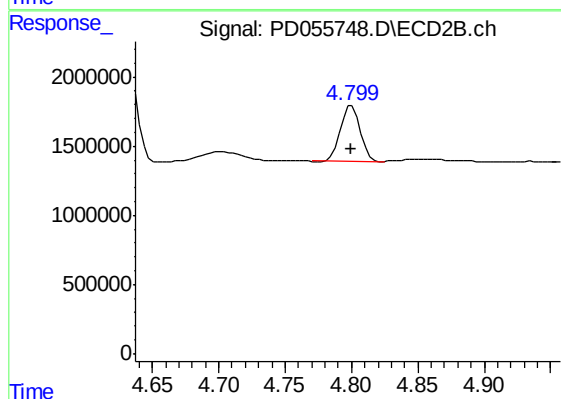
#5 Aldrin

R.T.: 5.442 min
Delta R.T.: 0.000 min
Response: 9429256
Conc: 5.63 ng/ml



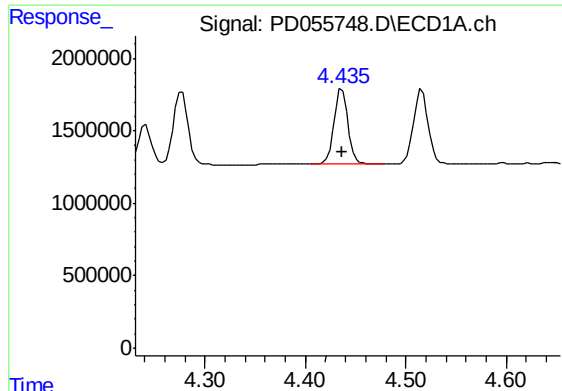
#6 beta-BHC

R.T.: 4.241 min
Delta R.T.: 0.000 min
Response: 2451822
Conc: 4.86 ng/ml



#6 beta-BHC

R.T.: 4.800 min
Delta R.T.: 0.000 min
Response: 4175623
Conc: 5.25 ng/ml



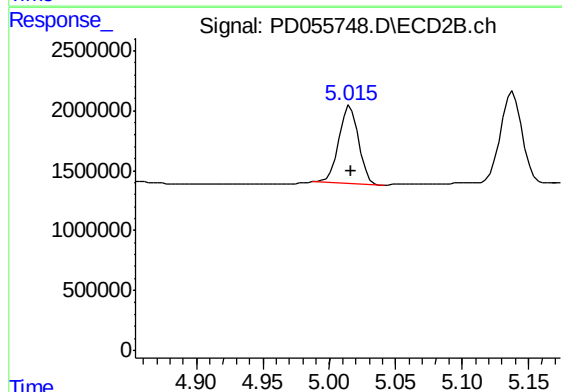
#7 delta-BHC

R.T.: 4.437 min
Delta R.T.: 0.000 min
Response: 5001943
Conc: 4.34 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOQ-WATER-02-QT4-2019

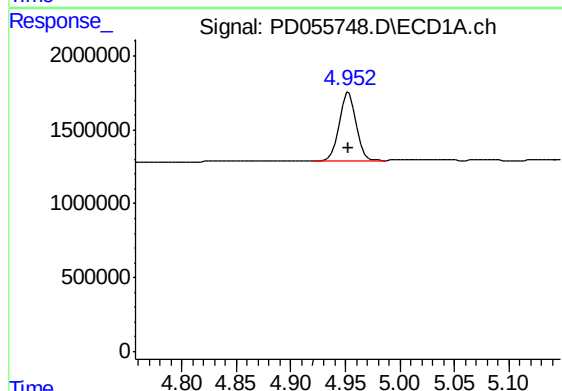
Manual Integrations
APPROVED

Ankita
11/1/2019 12:20:23 PM



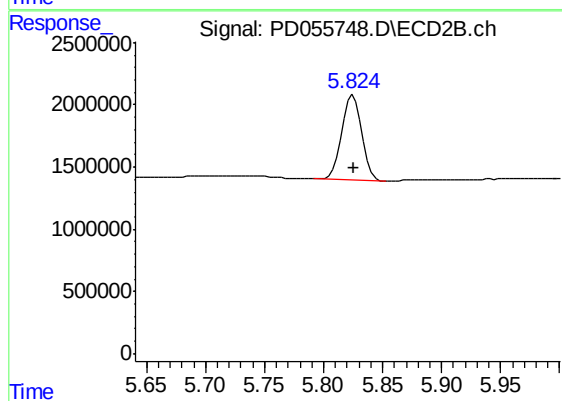
#7 delta-BHC

R.T.: 5.016 min
Delta R.T.: 0.000 min
Response: 6878017
Conc: 4.29 ng/ml



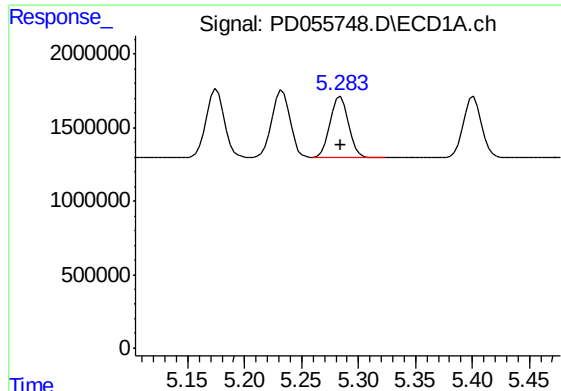
#8 Heptachlor epoxide

R.T.: 4.953 min
Delta R.T.: 0.000 min
Response: 5027834
Conc: 4.89 ng/ml



#8 Heptachlor epoxide

R.T.: 5.824 min
Delta R.T.: -0.001 min
Response: 8270640
Conc: 5.12 ng/ml m



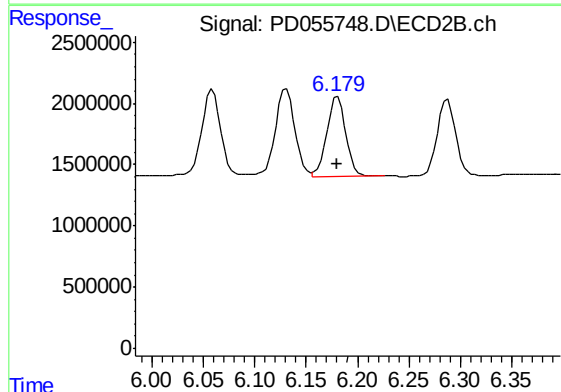
#9 Endosulfan I

R.T.: 5.284 min
Delta R.T.: 0.000 min
Response: 4679606
Conc: 4.80 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOQ-WATER-02-QT4-2019

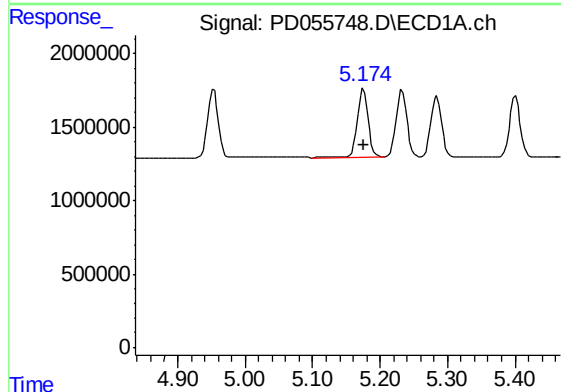
Manual Integrations
APPROVED

Ankita
11/1/2019 12:20:23 PM



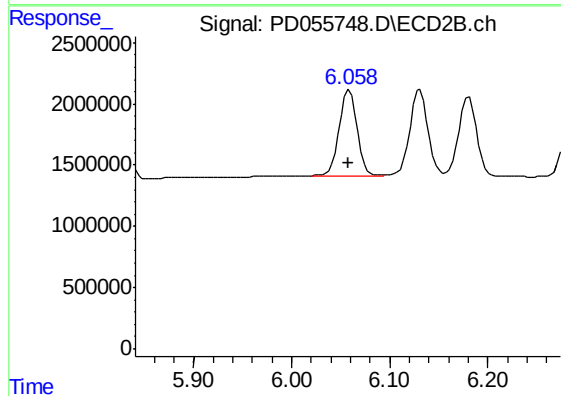
#9 Endosulfan I

R.T.: 6.181 min
Delta R.T.: 0.000 min
Response: 8425402
Conc: 5.36 ng/ml



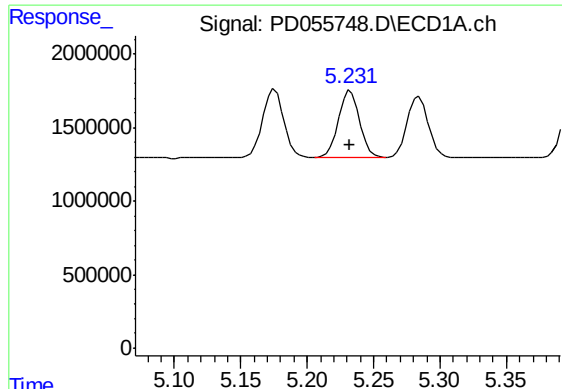
#10 gamma-Chlordane

R.T.: 5.176 min
Delta R.T.: 0.000 min
Response: 5272428
Conc: 4.94 ng/ml



#10 gamma-Chlordane

R.T.: 6.058 min
Delta R.T.: 0.000 min
Response: 8851061
Conc: 5.13 ng/ml m



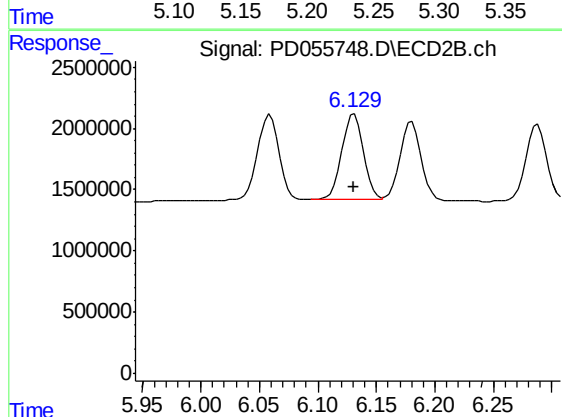
#11 alpha-Chlordane

R.T.: 5.233 min
Delta R.T.: 0.000 min
Response: 5173659
Conc: 4.90 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOQ-WATER-02-QT4-2019

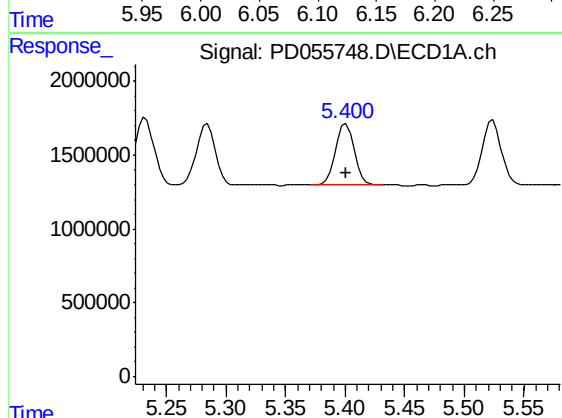
Manual Integrations
APPROVED

Ankita
11/1/2019 12:20:23 PM



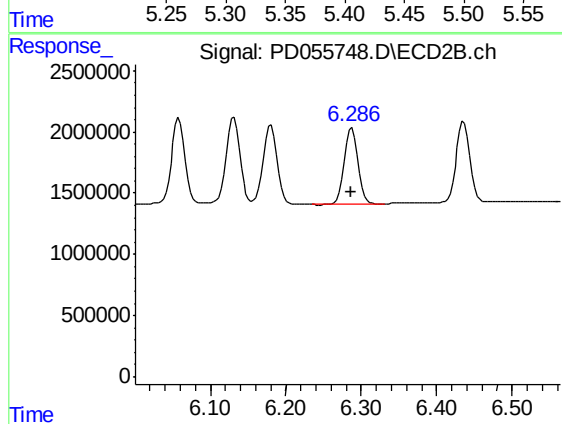
#11 alpha-Chlordane

R.T.: 6.129 min
Delta R.T.: -0.001 min
Response: 8901563
Conc: 5.18 ng/ml m



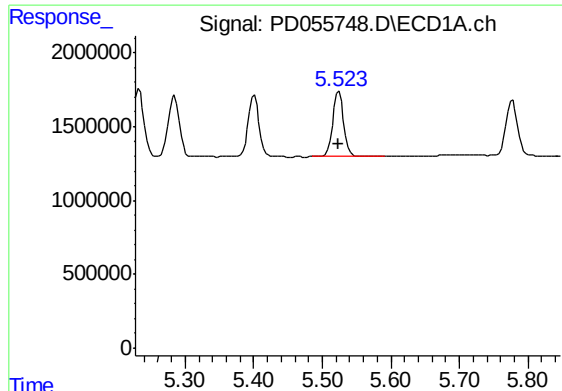
#12 4,4'-DDE

R.T.: 5.401 min
Delta R.T.: 0.000 min
Response: 4515466
Conc: 4.59 ng/ml



#12 4,4'-DDE

R.T.: 6.288 min
Delta R.T.: 0.000 min
Response: 7767411
Conc: 4.86 ng/ml



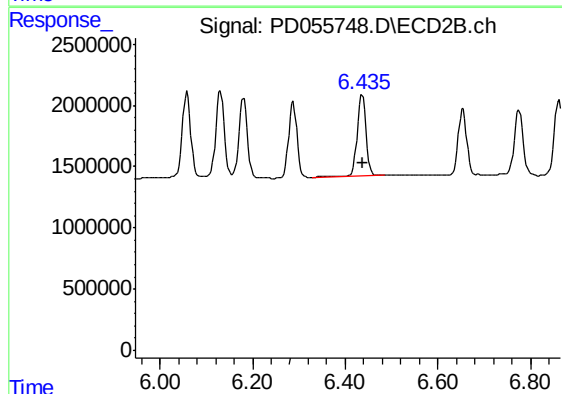
#13 Dieldrin

R.T.: 5.524 min
Delta R.T.: 0.000 min
Response: 4999259
Conc: 4.71 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOQ-WATER-02-QT4-2019

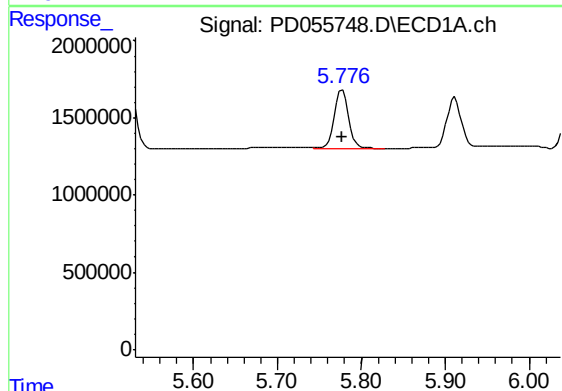
Manual Integrations
APPROVED

Ankita
11/1/2019 12:20:23 PM



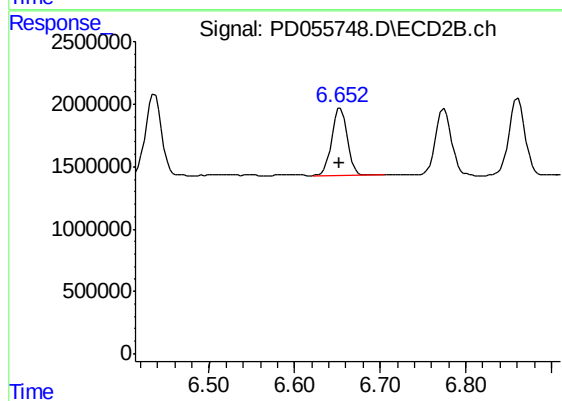
#13 Dieldrin

R.T.: 6.436 min
Delta R.T.: 0.000 min
Response: 8569130
Conc: 5.07 ng/ml



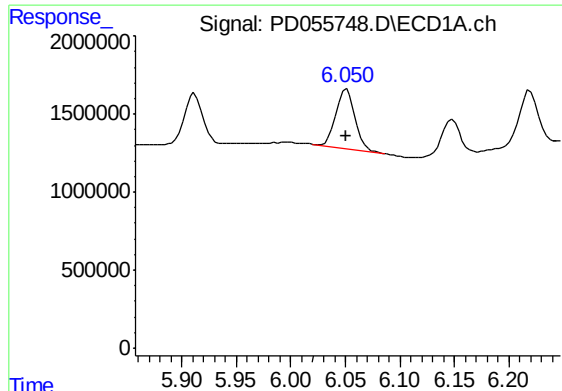
#14 Endrin

R.T.: 5.777 min
Delta R.T.: 0.000 min
Response: 4647420
Conc: 4.85 ng/ml



#14 Endrin

R.T.: 6.654 min
Delta R.T.: 0.000 min
Response: 6898962
Conc: 4.78 ng/ml



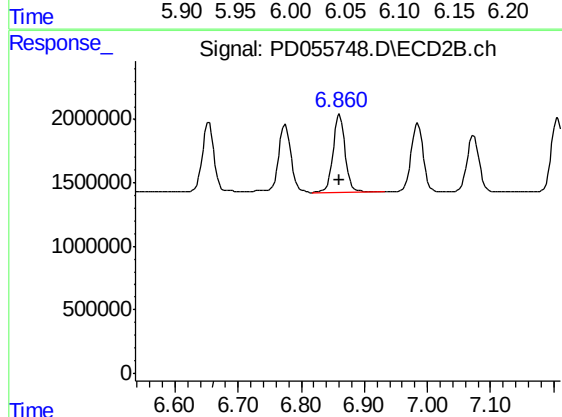
#15 Endosulfan II

R.T.: 6.051 min
Delta R.T.: 0.000 min
Response: 4595920
Conc: 4.74 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOQ-WATER-02-QT4-2019

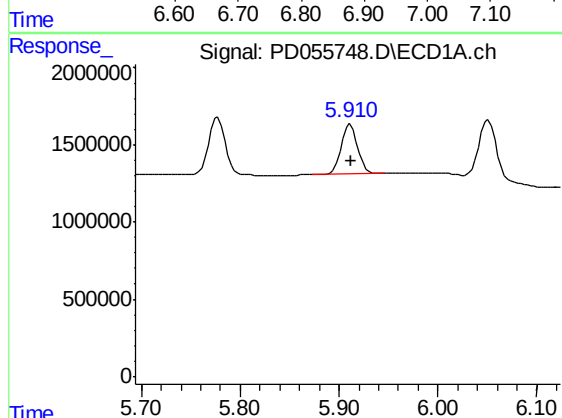
Manual Integrations
APPROVED

Ankita
11/1/2019 12:20:23 PM



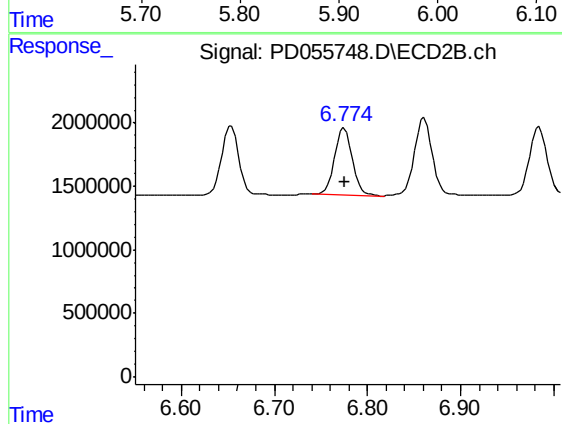
#15 Endosulfan II

R.T.: 6.861 min
Delta R.T.: 0.000 min
Response: 8196933
Conc: 5.28 ng/ml



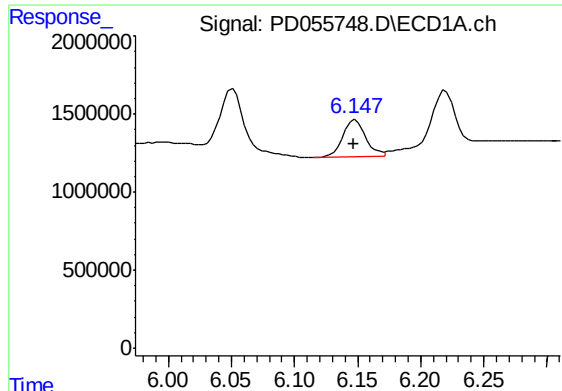
#16 4,4'-DDD

R.T.: 5.912 min
Delta R.T.: 0.000 min
Response: 3755055
Conc: 4.67 ng/ml



#16 4,4'-DDD

R.T.: 6.775 min
Delta R.T.: 0.000 min
Response: 6959165
Conc: 5.09 ng/ml



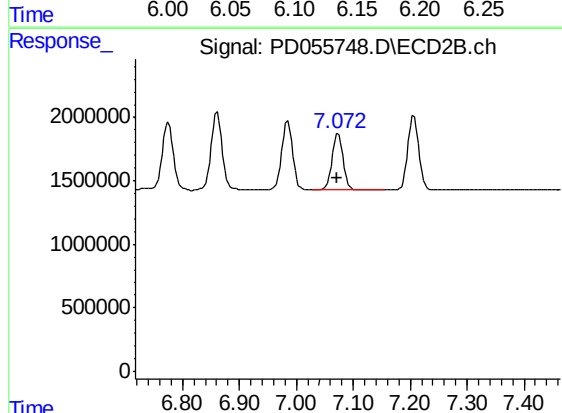
#17 4,4'-DDT

R.T.: 6.148 min
Delta R.T.: 0.001 min
Response: 2922187
Conc: 4.08 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOQ-WATER-02-QT4-2019

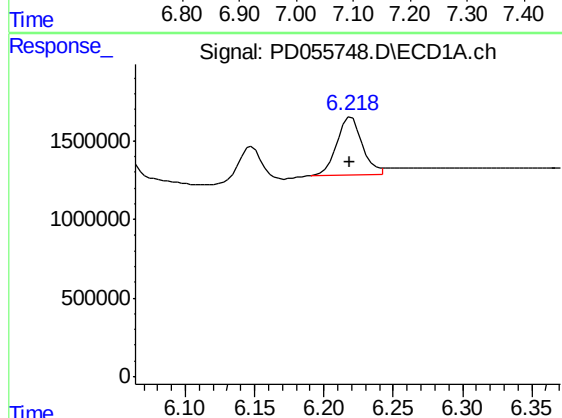
Manual Integrations
APPROVED

Ankita
11/1/2019 12:20:23 PM



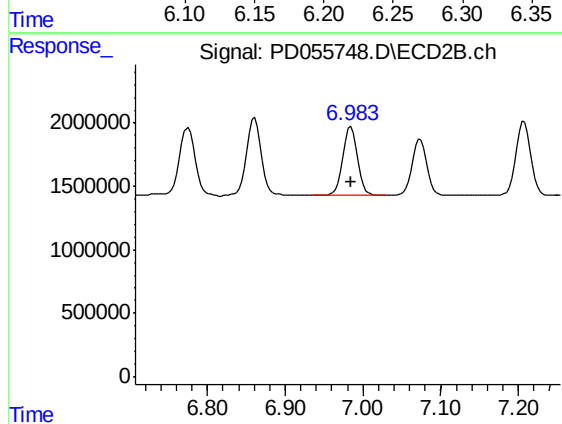
#17 4,4'-DDT

R.T.: 7.073 min
Delta R.T.: 0.000 min
Response: 5971415
Conc: 4.47 ng/ml



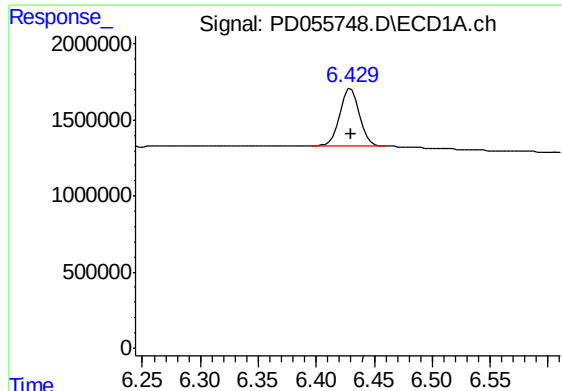
#18 Endrin aldehyde

R.T.: 6.218 min
Delta R.T.: 0.000 min
Response: 4787051
Conc: 5.73 ng/ml m



#18 Endrin aldehyde

R.T.: 6.985 min
Delta R.T.: 0.000 min
Response: 7077367
Conc: 5.28 ng/ml



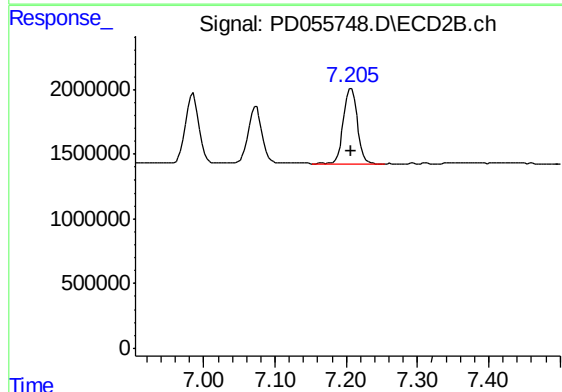
#19 Endosulfan Sulfate

R.T.: 6.429 min
Delta R.T.: 0.000 min
Response: 4532841
Conc: 5.06 ng/ml m

Instrument :
ECD_D
ClientSampleId :
LOQ-WATER-02-QT4-2019

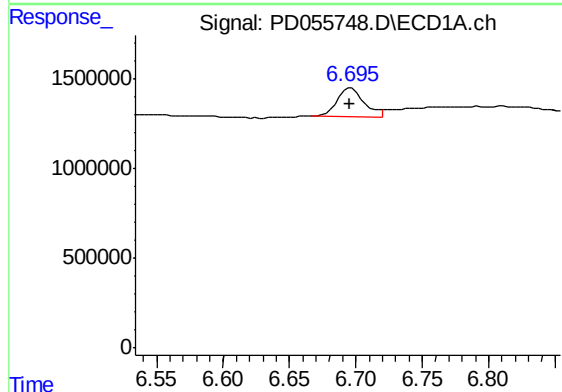
Manual Integrations
APPROVED

Ankita
11/1/2019 12:20:23 PM



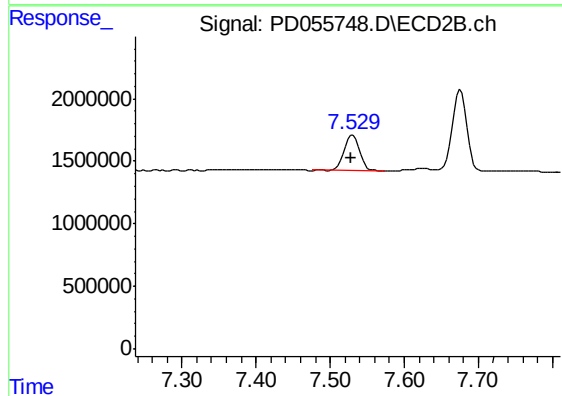
#19 Endosulfan Sulfate

R.T.: 7.207 min
Delta R.T.: 0.000 min
Response: 7831362
Conc: 5.38 ng/ml



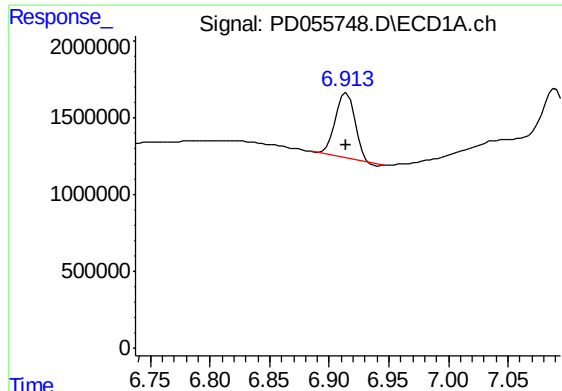
#20 Methoxychlor

R.T.: 6.696 min
Delta R.T.: 0.000 min
Response: 2261403
Conc: 5.77 ng/ml



#20 Methoxychlor

R.T.: 7.530 min
Delta R.T.: 0.002 min
Response: 4003345
Conc: 5.00 ng/ml



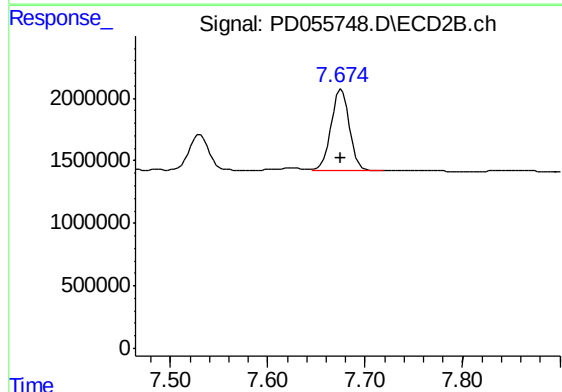
#21 Endrin ketone

R.T.: 6.915 min
Delta R.T.: 0.000 min
Response: 4661613
Conc: 4.46 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOQ-WATER-02-QT4-2019

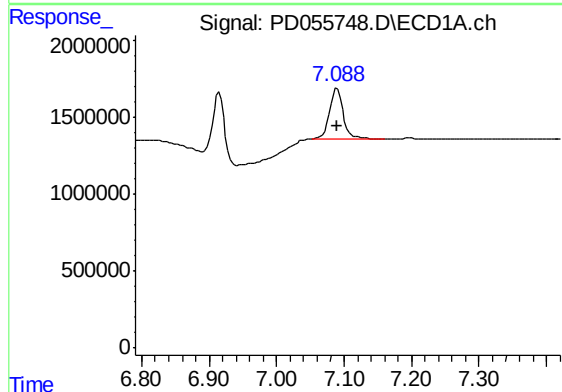
Manual Integrations
APPROVED

Ankita
11/1/2019 12:20:23 PM



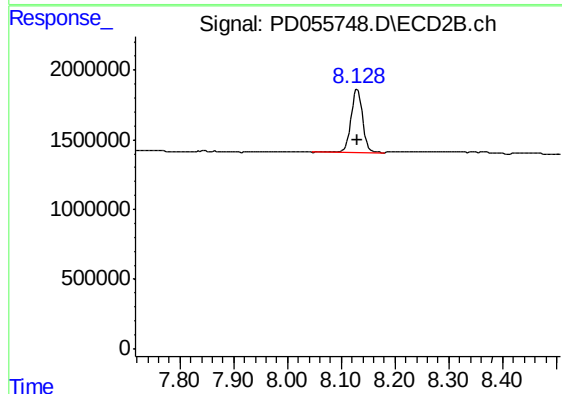
#21 Endrin ketone

R.T.: 7.676 min
Delta R.T.: 0.000 min
Response: 8613321
Conc: 5.19 ng/ml



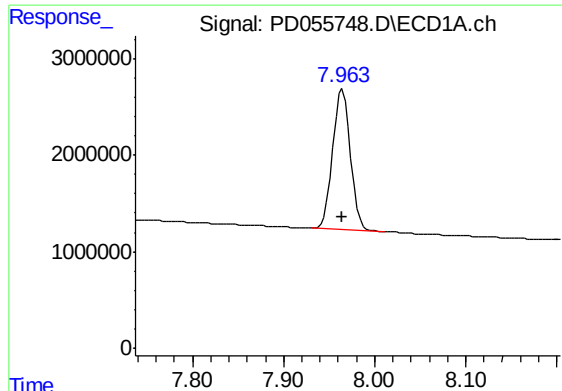
#22 Mirex

R.T.: 7.090 min
Delta R.T.: 0.000 min
Response: 4641334
Conc: 5.63 ng/ml



#22 Mirex

R.T.: 8.130 min
Delta R.T.: 0.000 min
Response: 6828627
Conc: 5.64 ng/ml



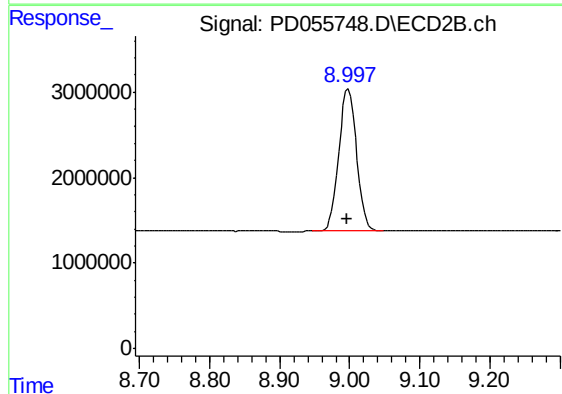
#28 Decachlorobiphenyl

R.T.: 7.965 min
Delta R.T.: 0.000 min
Response: 19696083
Conc: 20.82 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOQ-WATER-02-QT4-2019

Manual Integrations
APPROVED

Ankita
11/1/2019 12:20:23 PM



#28 Decachlorobiphenyl

R.T.: 8.998 min
Delta R.T.: 0.000 min
Response: 29207097
Conc: 20.99 ng/ml