

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD041719\
 Data File : PD052969.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 17 Apr 2019 10:06
 Operator : AJ\SJ
 Sample : K2241-09
 Misc : MDL 1 PPB
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 MDL-MDL-WATER-03-QT2-2019

Manual Integrations
 APPROVED

Sohil
 4/18/2019 10:46:19 AM

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 18 02:05:03 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD032919.M
 Quant Title : GC Extractables
 QLast Update : Fri Mar 29 13:06:45 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...	3.219	4.041	29494844	608.2E6	21.137	20.985
28)	SA Decachlor...	7.812	9.157	30286905	383.8E6	22.725	24.677
Target Compounds							
2)	A alpha-BHC	3.638	4.433	2634979	49739973	1.159	1.105
3)	MA gamma-BHC...	3.905	4.721	3589078	43995801	1.641m	1.094 #
4)	MA Heptachlor	4.182	5.233	2203593	48677893	1.038	1.227
5)	MB Aldrin	4.412	5.540	2012520	47004457	1.000m	1.269 #
6)	B beta-BHC	4.152	4.893	1028597	34119139	1.165	1.886 #
7)	B delta-BHC	4.340	5.109	1743448	24515386	0.855	0.745m
8)	B Heptachlor...	4.840	5.927	2089147	39938793	1.099	1.237
9)	A Endosulfan I	5.162	6.287	1871187	38118804	1.047	1.305
10)	B gamma-Chl...	5.056	6.164	2071871	45931427	1.063m	1.436 #
11)	B alpha-Chl...	5.113	6.237	2085364	41408052	1.080	1.319
12)	B 4,4'-DDE	5.282	6.393	1736656	36689509	0.931	1.202 #
13)	MA Dieldrin	5.397	6.546	1927461	35838298	0.997	1.198
14)	MA Endrin	5.644	6.765	1711750	26382305	0.930	1.053
15)	B Endosulfa...	5.914	6.975	1706679	31577884	0.994	1.267 #
16)	A 4,4'-DDD	5.783	6.884	1711058	32766057	1.119m	1.370m
17)	MA 4,4'-DDT	6.012	7.186	639802	10052196	0.445m	0.539
18)	B Endrin al...	6.080	7.100	1792748	27148422	1.250	1.319
19)	B Endosulfa...	6.289	7.324	1987658	34190013	1.296	1.554
20)	A Methoxychlor	6.559	7.647	567656	8504597	0.672m	0.850 #
21)	B Endrin ke...	6.764	7.799	1824831	23909178	1.003	1.167
22)	Mirex	6.930	8.257	1008700	18758479	0.823	1.455 #

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD041719\
Data File : PD052969.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 17 Apr 2019 10:06
Operator : AJ\SJ
Sample : K2241-09
Misc : MDL 1 PPB
ALS Vial : 9 Sample Multiplier: 1

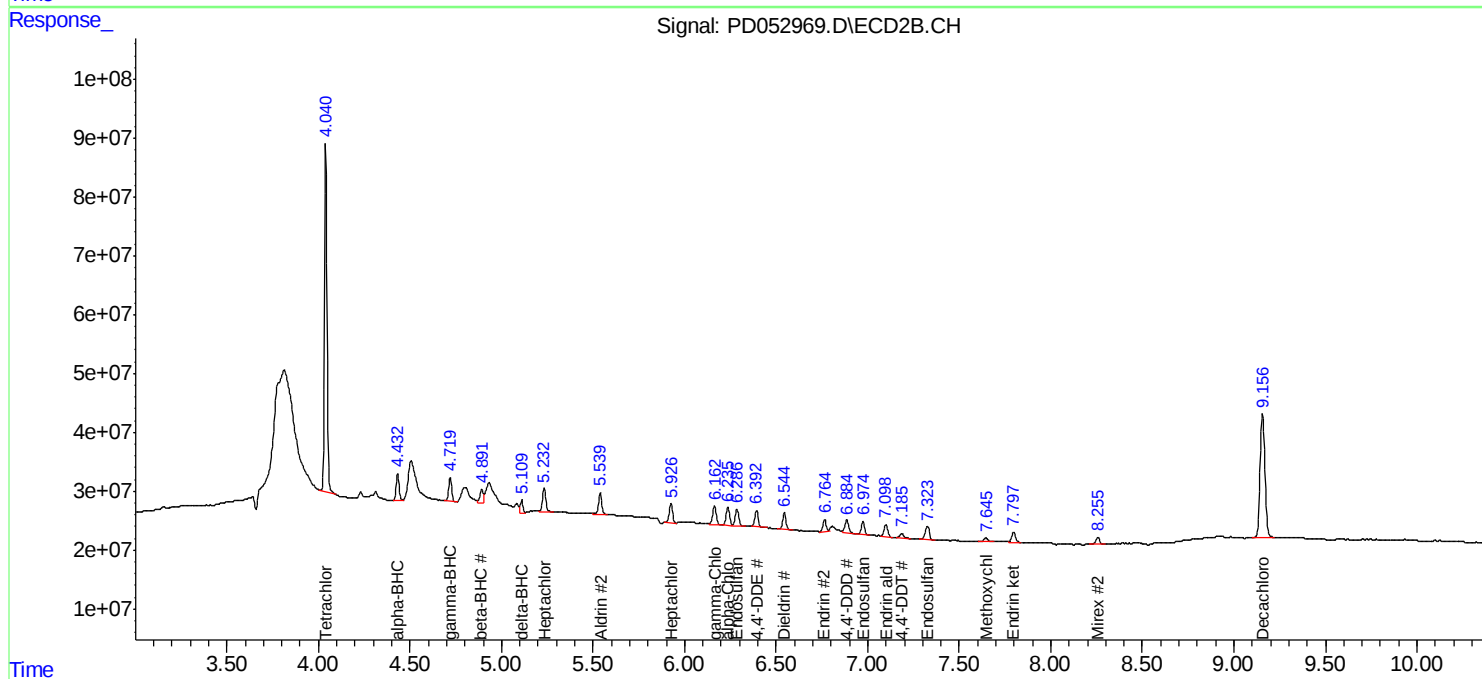
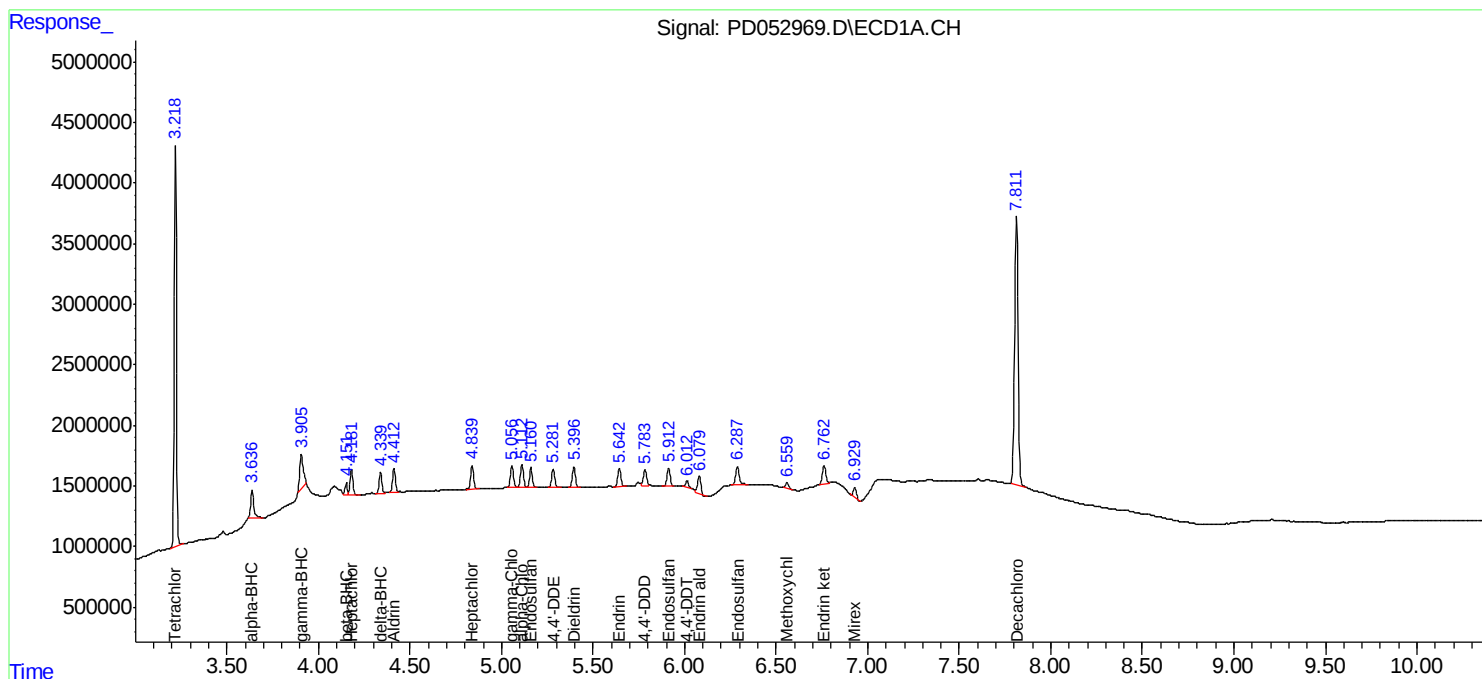
Instrument :
ECD_D
ClientSampled :
MDL-MDL-WATER-03-QT2-2019

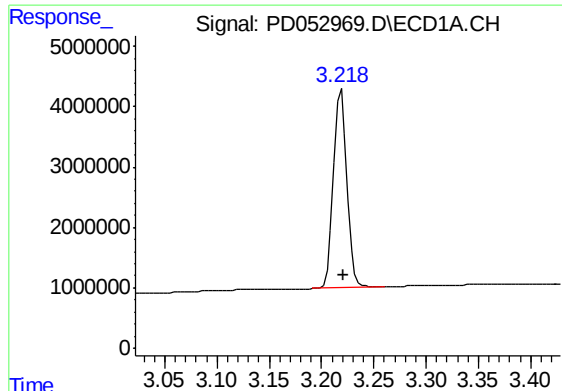
Manual Integrations
APPROVED

Sohil
4/18/2019 10:46:19 AM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 18 02:05:03 2019
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD032919.M
Quant Title : GC Extractables
QLast Update : Fri Mar 29 13:06:45 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





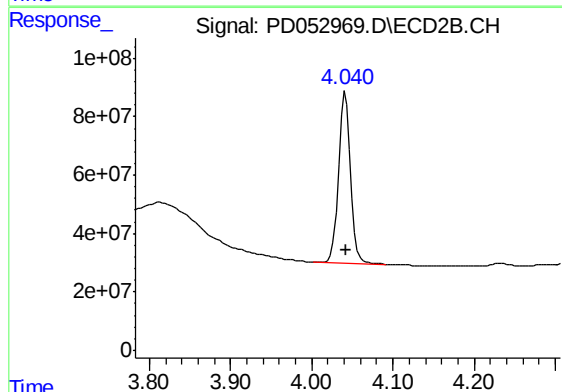
#1 Tetrachloro-m-xylene

R.T.: 3.219 min
Delta R.T.: -0.002 min
Response: 29494844
Conc: 21.14 ng/ml

Instrument :
ECD_D
ClientSampleId :
MDL-MDL-WATER-03-QT2-2019

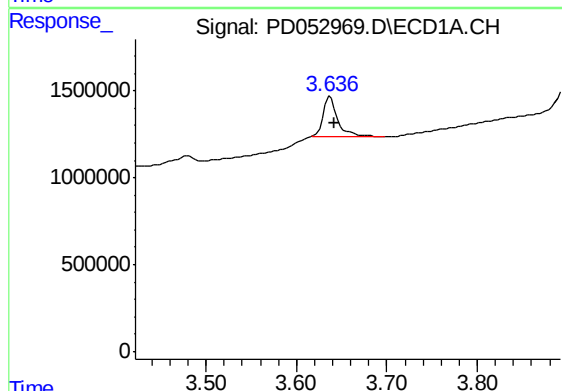
Manual Integrations
APPROVED

Sohil
4/18/2019 10:46:19 AM



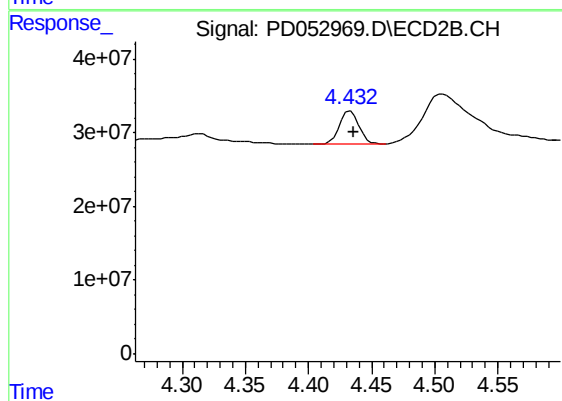
#1 Tetrachloro-m-xylene

R.T.: 4.041 min
Delta R.T.: -0.002 min
Response: 608231915
Conc: 20.99 ng/ml



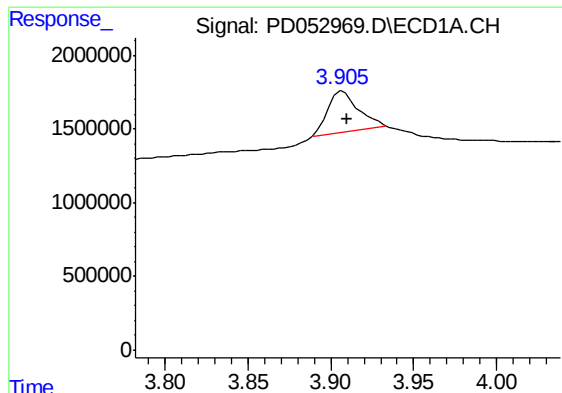
#2 alpha-BHC

R.T.: 3.638 min
Delta R.T.: -0.004 min
Response: 2634979
Conc: 1.16 ng/ml



#2 alpha-BHC

R.T.: 4.433 min
Delta R.T.: -0.002 min
Response: 49739973
Conc: 1.11 ng/ml



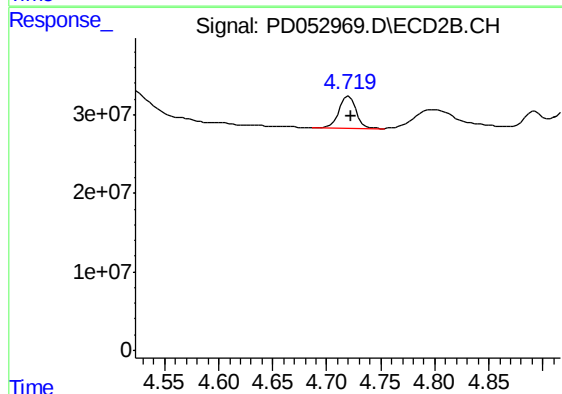
#3 gamma-BHC (Lindane)

R.T.: 3.905 min
Delta R.T.: -0.004 min
Response: 3589078
Conc: 1.64 ng/ml m

Instrument :
ECD_D
ClientSampleId :
MDL-MDL-WATER-03-QT2-2019

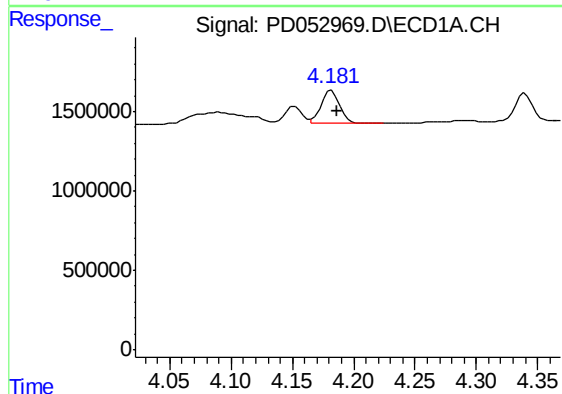
Manual Integrations
APPROVED

Sohil
4/18/2019 10:46:19 AM



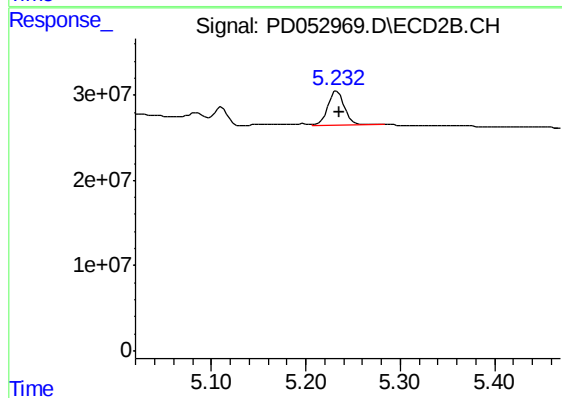
#3 gamma-BHC (Lindane)

R.T.: 4.721 min
Delta R.T.: -0.002 min
Response: 43995801
Conc: 1.09 ng/ml



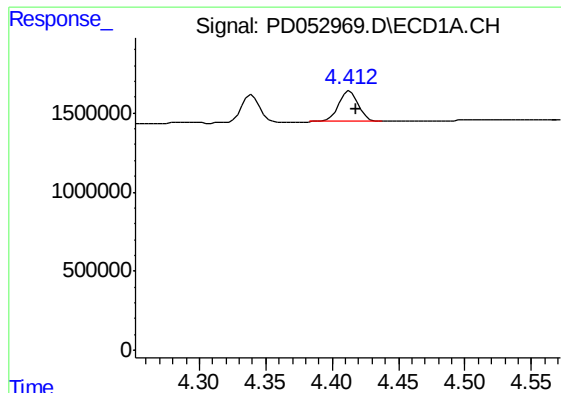
#4 Heptachlor

R.T.: 4.182 min
Delta R.T.: -0.005 min
Response: 2203593
Conc: 1.04 ng/ml



#4 Heptachlor

R.T.: 5.233 min
Delta R.T.: -0.002 min
Response: 48677893
Conc: 1.23 ng/ml



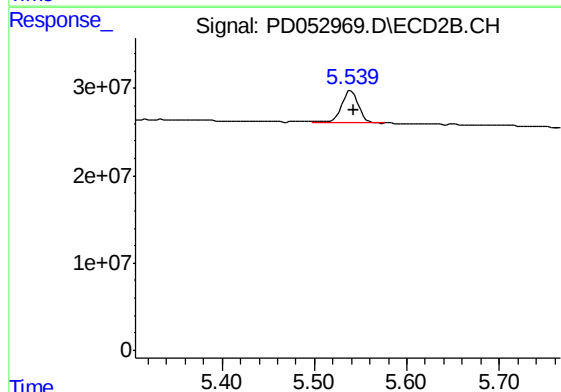
#5 Aldrin

R.T.: 4.412 min
Delta R.T.: -0.006 min
Response: 2012520
Conc: 1.00 ng/ml m

Instrument :
ECD_D
ClientSampleId :
MDL-MDL-WATER-03-QT2-2019

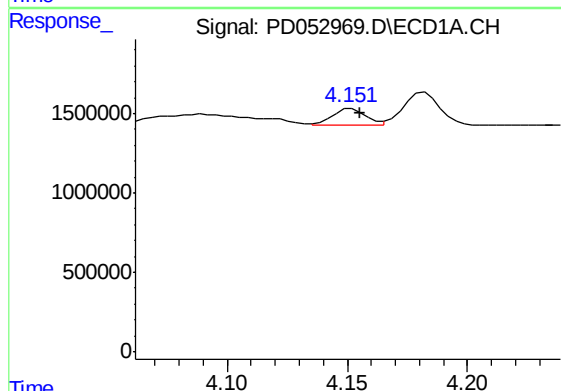
Manual Integrations
APPROVED

Sohil
4/18/2019 10:46:19 AM



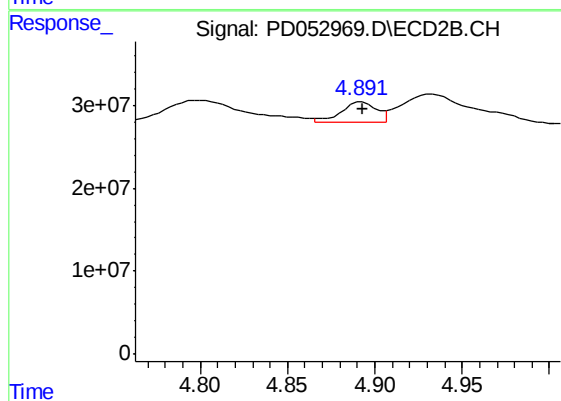
#5 Aldrin

R.T.: 5.540 min
Delta R.T.: -0.002 min
Response: 47004457
Conc: 1.27 ng/ml



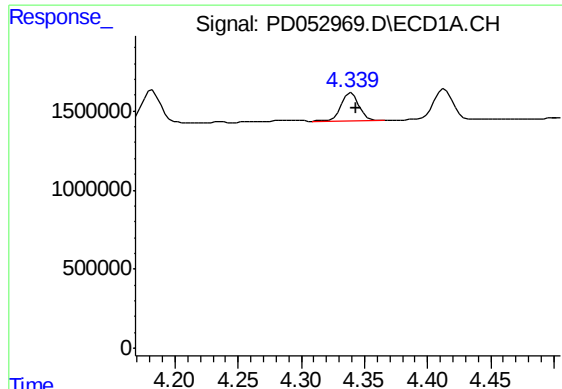
#6 beta-BHC

R.T.: 4.152 min
Delta R.T.: -0.003 min
Response: 1028597
Conc: 1.17 ng/ml



#6 beta-BHC

R.T.: 4.893 min
Delta R.T.: 0.000 min
Response: 34119139
Conc: 1.89 ng/ml



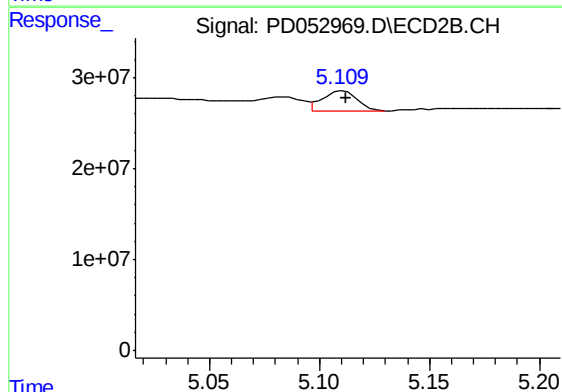
#7 delta-BHC

R.T.: 4.340 min
Delta R.T.: -0.004 min
Response: 1743448
Conc: 0.85 ng/ml

Instrument :
ECD_D
ClientSampleId :
MDL-MDL-WATER-03-QT2-2019

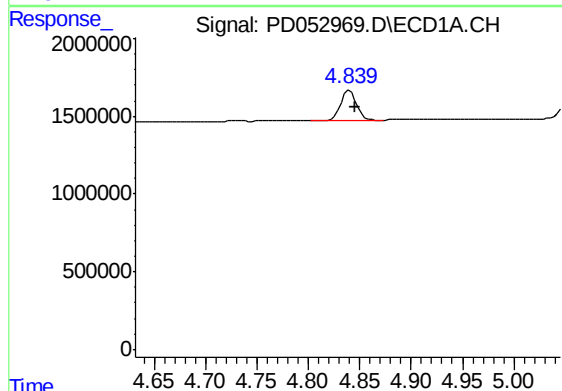
Manual Integrations
APPROVED

Sohil
4/18/2019 10:46:19 AM



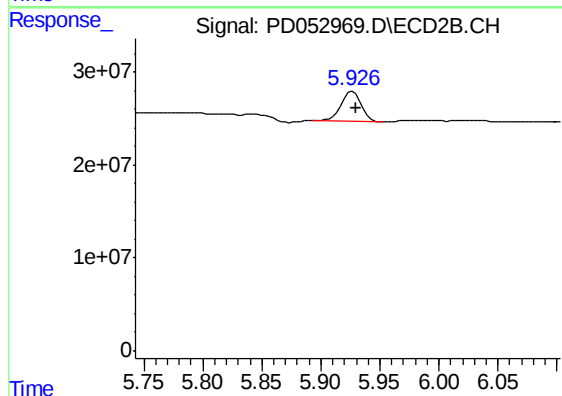
#7 delta-BHC

R.T.: 5.109 min
Delta R.T.: -0.003 min
Response: 24515386
Conc: 0.75 ng/ml m



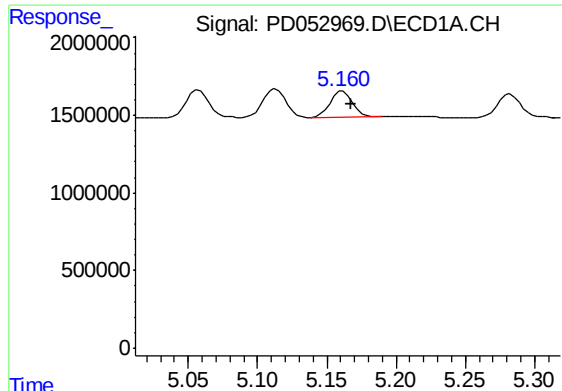
#8 Heptachlor epoxide

R.T.: 4.840 min
Delta R.T.: -0.005 min
Response: 2089147
Conc: 1.10 ng/ml



#8 Heptachlor epoxide

R.T.: 5.927 min
Delta R.T.: -0.003 min
Response: 39938793
Conc: 1.24 ng/ml



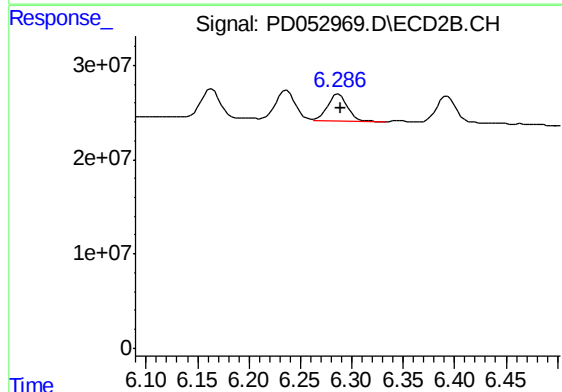
#9 Endosulfan I

R.T.: 5.162 min
Delta R.T.: -0.006 min
Response: 1871187
Conc: 1.05 ng/ml

Instrument :
ECD_D
ClientSampleId :
MDL-MDL-WATER-03-QT2-2019

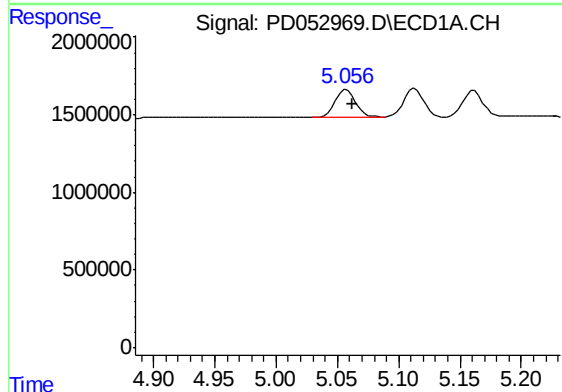
Manual Integrations
APPROVED

Sohil
4/18/2019 10:46:19 AM



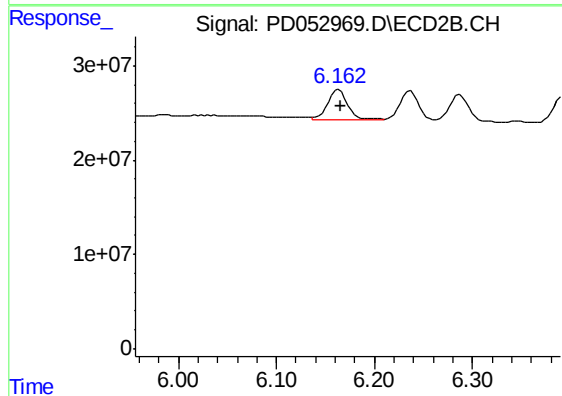
#9 Endosulfan I

R.T.: 6.287 min
Delta R.T.: -0.002 min
Response: 38118804
Conc: 1.30 ng/ml



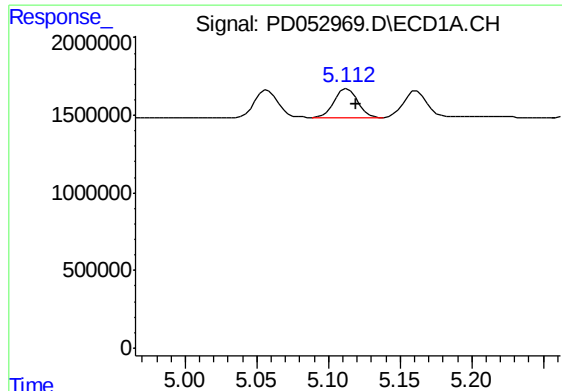
#10 gamma-Chlordane

R.T.: 5.056 min
Delta R.T.: -0.007 min
Response: 2071871
Conc: 1.06 ng/ml m



#10 gamma-Chlordane

R.T.: 6.164 min
Delta R.T.: -0.002 min
Response: 45931427
Conc: 1.44 ng/ml



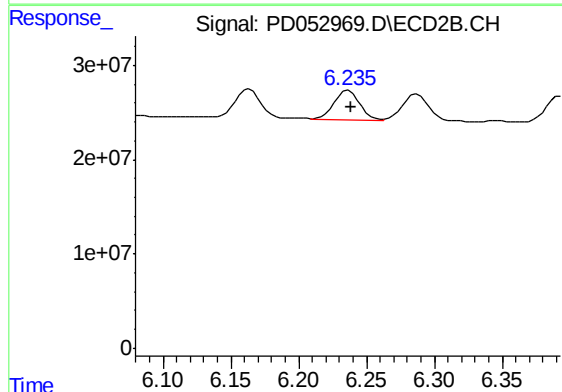
#11 alpha-Chlordane

R.T.: 5.113 min
Delta R.T.: -0.006 min
Response: 2085364
Conc: 1.08 ng/ml

Instrument :
ECD_D
ClientSampleId :
MDL-MDL-WATER-03-QT2-2019

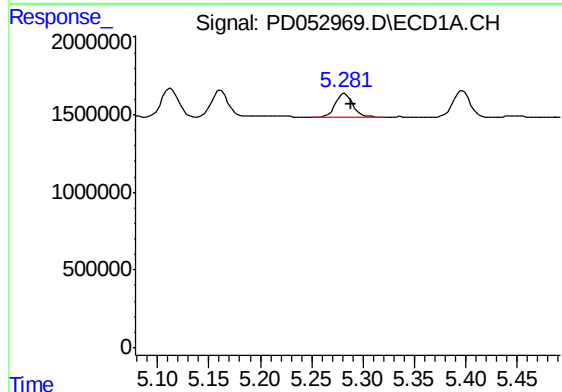
Manual Integrations
APPROVED

Sohil
4/18/2019 10:46:19 AM



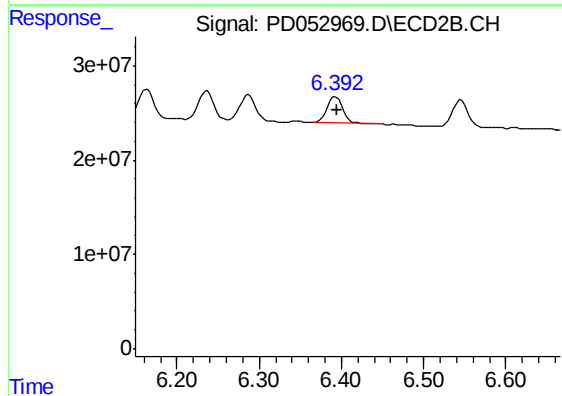
#11 alpha-Chlordane

R.T.: 6.237 min
Delta R.T.: -0.002 min
Response: 41408052
Conc: 1.32 ng/ml



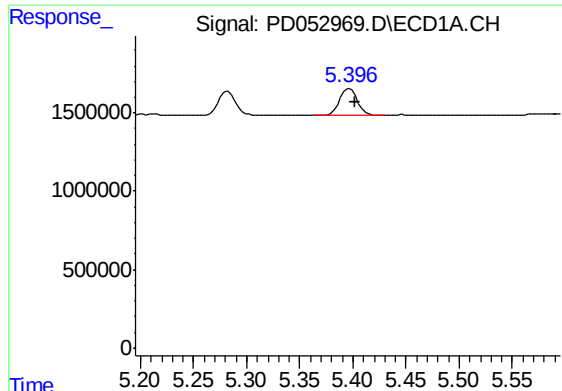
#12 4,4'-DDE

R.T.: 5.282 min
Delta R.T.: -0.006 min
Response: 1736656
Conc: 0.93 ng/ml



#12 4,4'-DDE

R.T.: 6.393 min
Delta R.T.: -0.002 min
Response: 36689509
Conc: 1.20 ng/ml



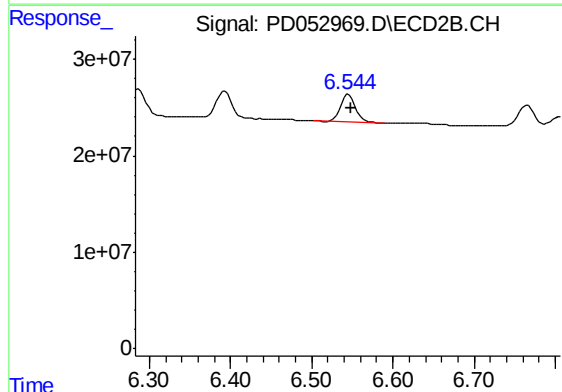
#13 Dieldrin

R.T.: 5.397 min
Delta R.T.: -0.005 min
Response: 1927461
Conc: 1.00 ng/ml

Instrument :
ECD_D
ClientSampleId :
MDL-MDL-WATER-03-QT2-2019

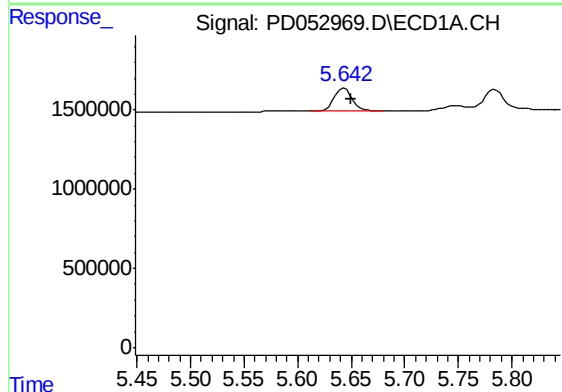
Manual Integrations
APPROVED

Sohil
4/18/2019 10:46:19 AM



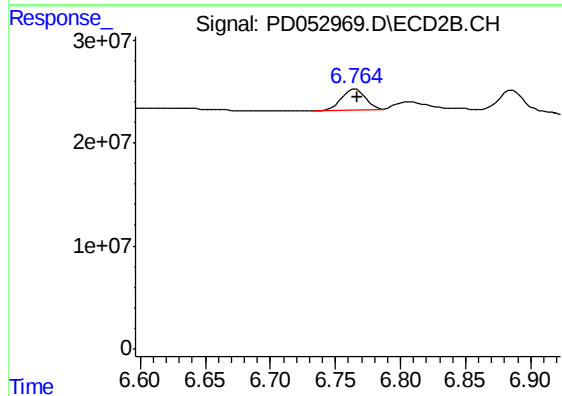
#13 Dieldrin

R.T.: 6.546 min
Delta R.T.: -0.002 min
Response: 35838298
Conc: 1.20 ng/ml



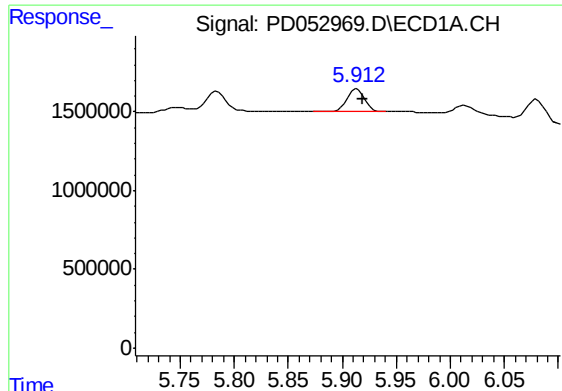
#14 Endrin

R.T.: 5.644 min
Delta R.T.: -0.006 min
Response: 1711750
Conc: 0.93 ng/ml



#14 Endrin

R.T.: 6.765 min
Delta R.T.: -0.002 min
Response: 26382305
Conc: 1.05 ng/ml



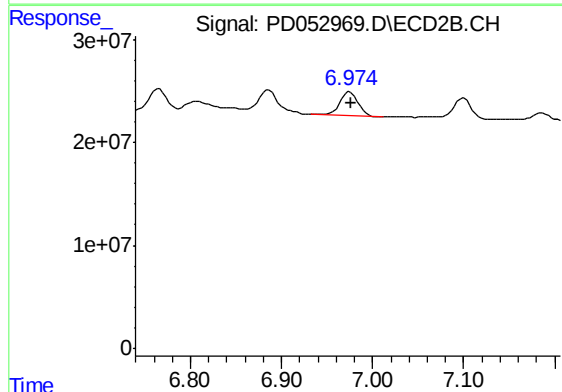
#15 Endosulfan II

R.T.: 5.914 min
Delta R.T.: -0.005 min
Response: 1706679
Conc: 0.99 ng/ml

Instrument :
ECD_D
ClientSampleId :
MDL-MDL-WATER-03-QT2-2019

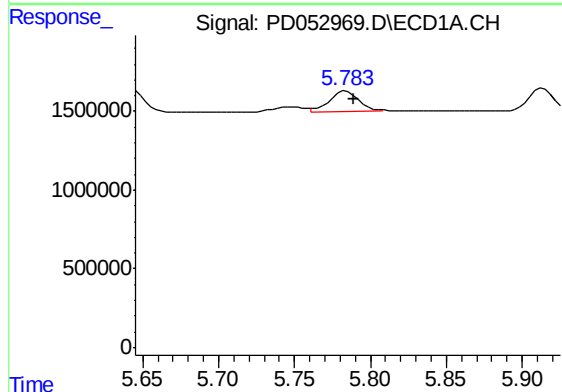
Manual Integrations
APPROVED

Sohil
4/18/2019 10:46:19 AM



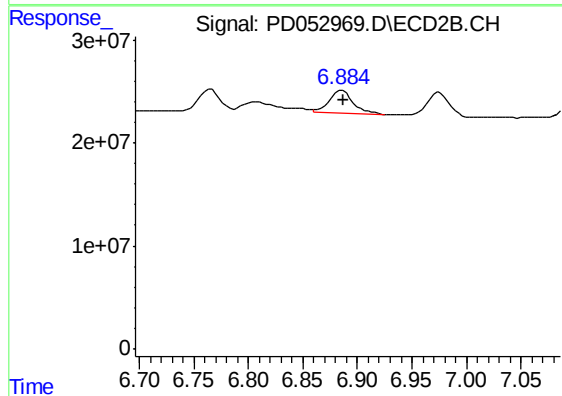
#15 Endosulfan II

R.T.: 6.975 min
Delta R.T.: -0.001 min
Response: 31577884
Conc: 1.27 ng/ml



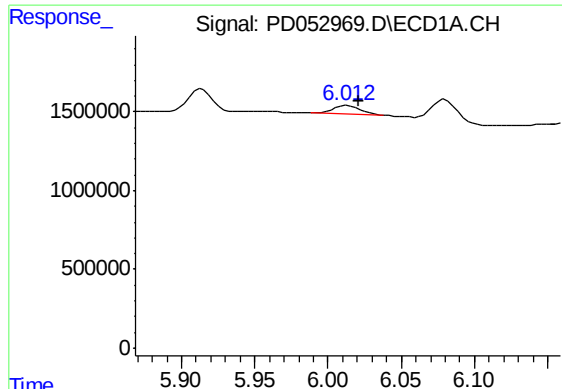
#16 4,4'-DDD

R.T.: 5.783 min
Delta R.T.: -0.006 min
Response: 1711058
Conc: 1.12 ng/ml m



#16 4,4'-DDD

R.T.: 6.884 min
Delta R.T.: -0.003 min
Response: 32766057
Conc: 1.37 ng/ml m



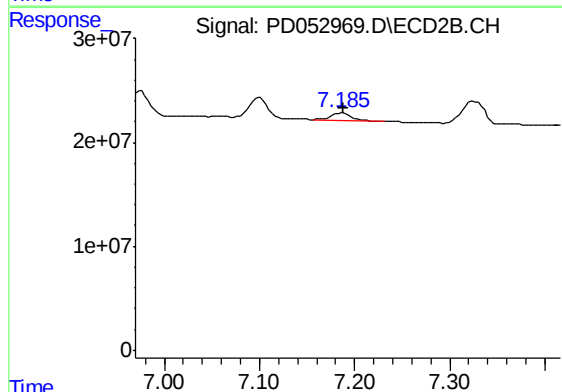
#17 4,4'-DDT

R.T.: 6.012 min
Delta R.T.: -0.009 min
Response: 639802
Conc: 0.44 ng/ml m

Instrument :
ECD_D
ClientSampleId :
MDL-MDL-WATER-03-QT2-2019

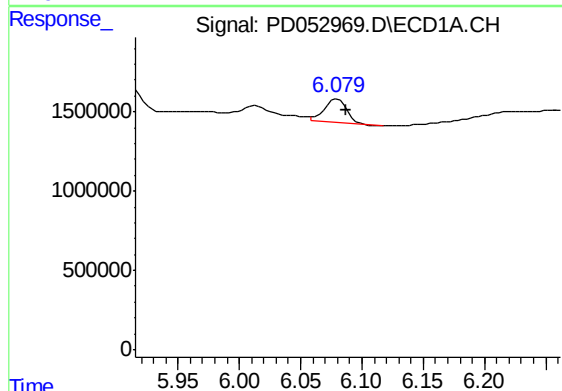
Manual Integrations
APPROVED

Sohil
4/18/2019 10:46:19 AM



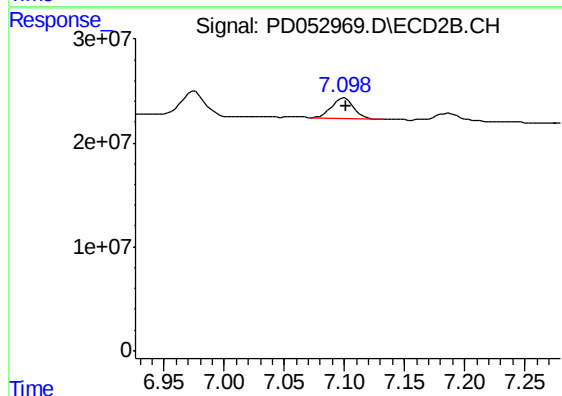
#17 4,4'-DDT

R.T.: 7.186 min
Delta R.T.: -0.002 min
Response: 10052196
Conc: 0.54 ng/ml



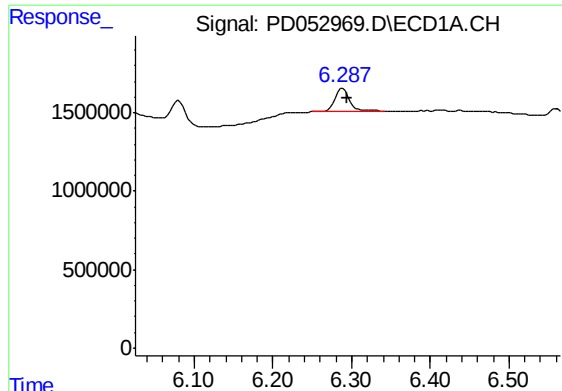
#18 Endrin aldehyde

R.T.: 6.080 min
Delta R.T.: -0.007 min
Response: 1792748
Conc: 1.25 ng/ml



#18 Endrin aldehyde

R.T.: 7.100 min
Delta R.T.: -0.001 min
Response: 27148422
Conc: 1.32 ng/ml



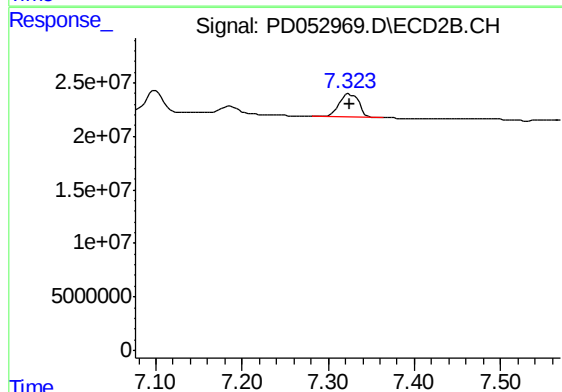
#19 Endosulfan Sulfate

R.T.: 6.289 min
Delta R.T.: -0.006 min
Response: 1987658
Conc: 1.30 ng/ml

Instrument :
ECD_D
ClientSampleId :
MDL-MDL-WATER-03-QT2-2019

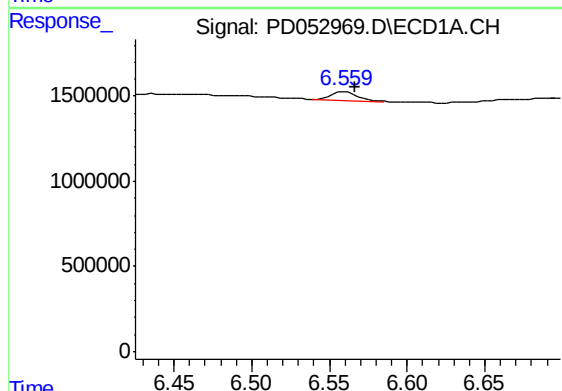
Manual Integrations
APPROVED

Sohil
4/18/2019 10:46:19 AM



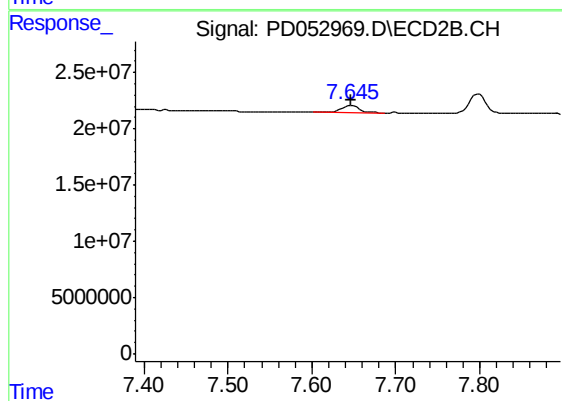
#19 Endosulfan Sulfate

R.T.: 7.324 min
Delta R.T.: -0.002 min
Response: 34190013
Conc: 1.55 ng/ml



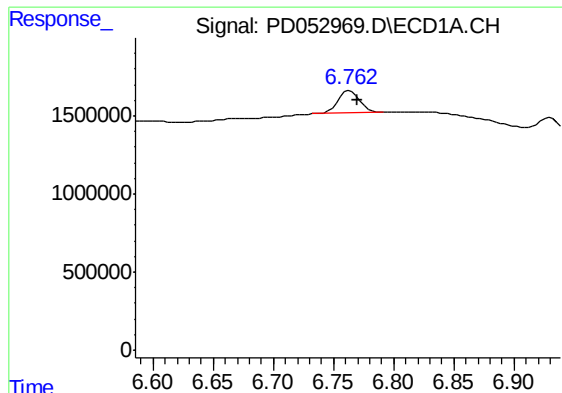
#20 Methoxychlor

R.T.: 6.559 min
Delta R.T.: -0.008 min
Response: 567656
Conc: 0.67 ng/ml m



#20 Methoxychlor

R.T.: 7.647 min
Delta R.T.: 0.000 min
Response: 8504597
Conc: 0.85 ng/ml



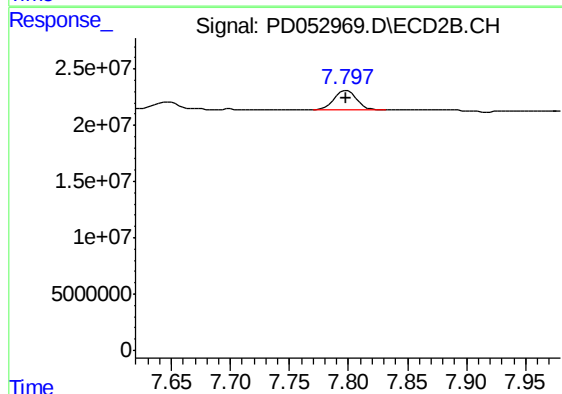
#21 Endrin ketone

R.T.: 6.764 min
Delta R.T.: -0.006 min
Response: 1824831
Conc: 1.00 ng/ml

Instrument :
ECD_D
ClientSampleId :
MDL-MDL-WATER-03-QT2-2019

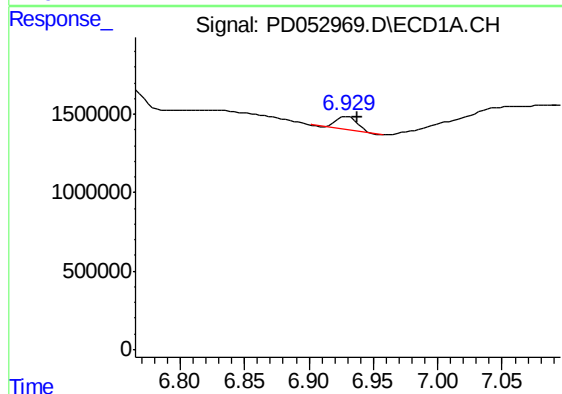
Manual Integrations
APPROVED

Sohil
4/18/2019 10:46:19 AM



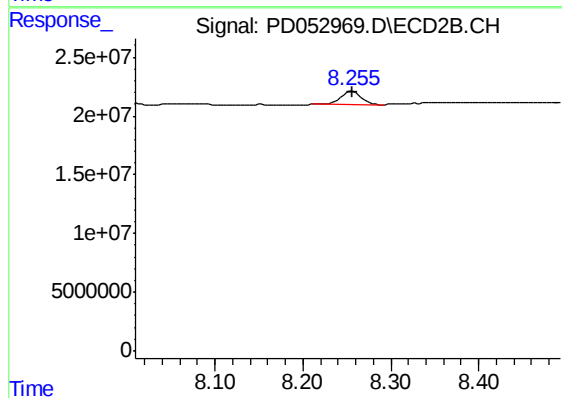
#21 Endrin ketone

R.T.: 7.799 min
Delta R.T.: 0.000 min
Response: 23909178
Conc: 1.17 ng/ml



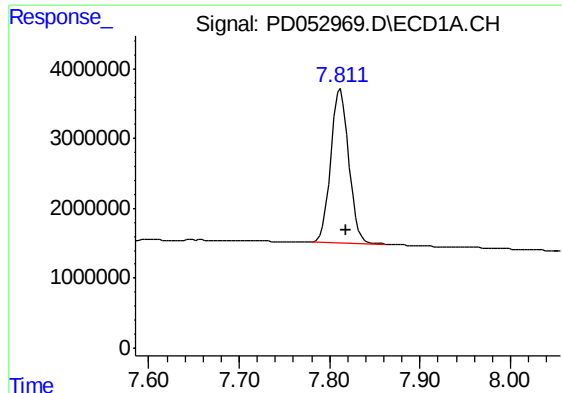
#22 Mirex

R.T.: 6.930 min
Delta R.T.: -0.008 min
Response: 1008700
Conc: 0.82 ng/ml



#22 Mirex

R.T.: 8.257 min
Delta R.T.: 0.000 min
Response: 18758479
Conc: 1.45 ng/ml



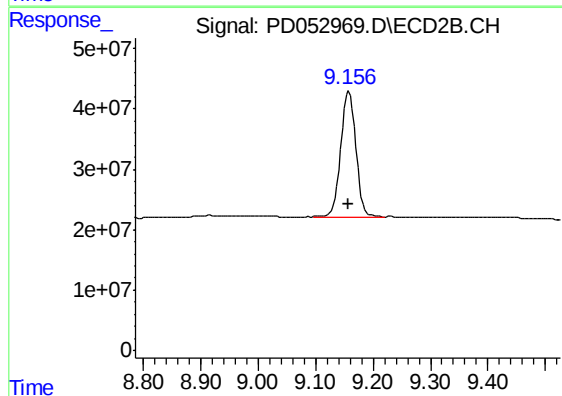
#28 Decachlorobiphenyl

R.T.: 7.812 min
Delta R.T.: -0.006 min
Response: 30286905
Conc: 22.72 ng/ml

Instrument :
ECD_D
ClientSampleId :
MDL-MDL-WATER-03-QT2-2019

Manual Integrations
APPROVED

Sohil
4/18/2019 10:46:19 AM



#28 Decachlorobiphenyl

R.T.: 9.157 min
Delta R.T.: 0.000 min
Response: 383767751
Conc: 24.68 ng/ml