

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD051220AR\
 Data File : FD033465.D
 Signal(s) : FID2B.CH
 Acq On : 12 May 2020 12:03
 Operator : DD\AJ
 Sample : L2182-01
 Misc : LOD-SOIL- 2.5 PPM
 ALS Vial : 57 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 LOD-MDL-SOIL-01-QT2-2020

Manual Integrations
 APPROVED

Sohil
 5/13/2020 5:02:56 PM

Integration File: sample.E
 Quant Time: May 13 04:08:37 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 051120.M
 Quant Title : GC Extractables
 QLast Update : Tue May 12 06:50:42 2020
 Response via : Initial Calibration
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. : 1 µl
 Signal Phase : Rxi-1ms
 Signal Info : 20M x 0.18mm x 0.18µm

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
4) S 2-Bromonaphthalene (S...	7.585	4120652	37.469 ug/ml
Spiked Amount 50.000		Recovery =	74.94%
6) S 2-Fluorobiphenyl (SURR)	8.447	2862873	38.555 ug/ml
Spiked Amount 50.000 Range 0 - 130		Recovery =	77.11%
11) S ortho-Terphenyl (SURR)	11.478	4243857	32.887 ug/ml
Spiked Amount 50.000		Recovery =	65.77%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.395	255239	2.243 ug/mlm
2) T Naphthalene (C11.7)	5.932	278873	2.366 ug/mlm
3) T 2-Methylnaphthalene (...)	6.981	295490	2.481 ug/mlm
5) T Acenaphthylene (C15.06)	8.250	310515	2.572 ug/mlm
7) T Acenaphthene (C15.5)	8.543	390465	3.093 ug/mlm
8) T Fluorene (C16.55)	9.326	314980	2.572 ug/mlm
9) T Phenanthrene (C19.36)	10.721	311748	2.466 ug/mlm
10) T Anthracene (C19.43)	10.796	324788	2.669 ug/mlm
12) T Fluoranthene (C21.85)	12.528	341934	2.639 ug/mlm
13) T Pyrene (C20.8)	12.823	333543	2.582 ug/mlm
14) T Benzo[a]anthracene (C...	14.697	279487	2.288 ug/mlm
15) T Chrysene (C27.41)	14.737	396815	3.082 ug/mlm
16) T benzo[b]fluoranthene ...	16.248	375855	3.021 ug/mlm
17) T Bnezo[k]fluoranthene ...	16.278	285325	2.216 ug/mlm
18) T Benzo[a]pyrene (C31.34)	16.632	285550	2.312 ug/mlm
19) T Indeno[1,2,3-cd]pyren...	18.004	306650	2.585 ug/mlm
20) T Dibenz[a,h]anthracene...	18.038	293422	2.373 ug/mlm
21) T Benzo[g,h,i]perylene ...	18.251	306279	2.538 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD051220AR\
Data File : FD033465.D
Signal(s) : FID2B.CH
Acq On : 12 May 2020 12:03
Operator : DD\AJ
Sample : L2182-01
Misc : LOD-SOIL- 2.5 PPM
ALS Vial : 57 Sample Multiplier: 1

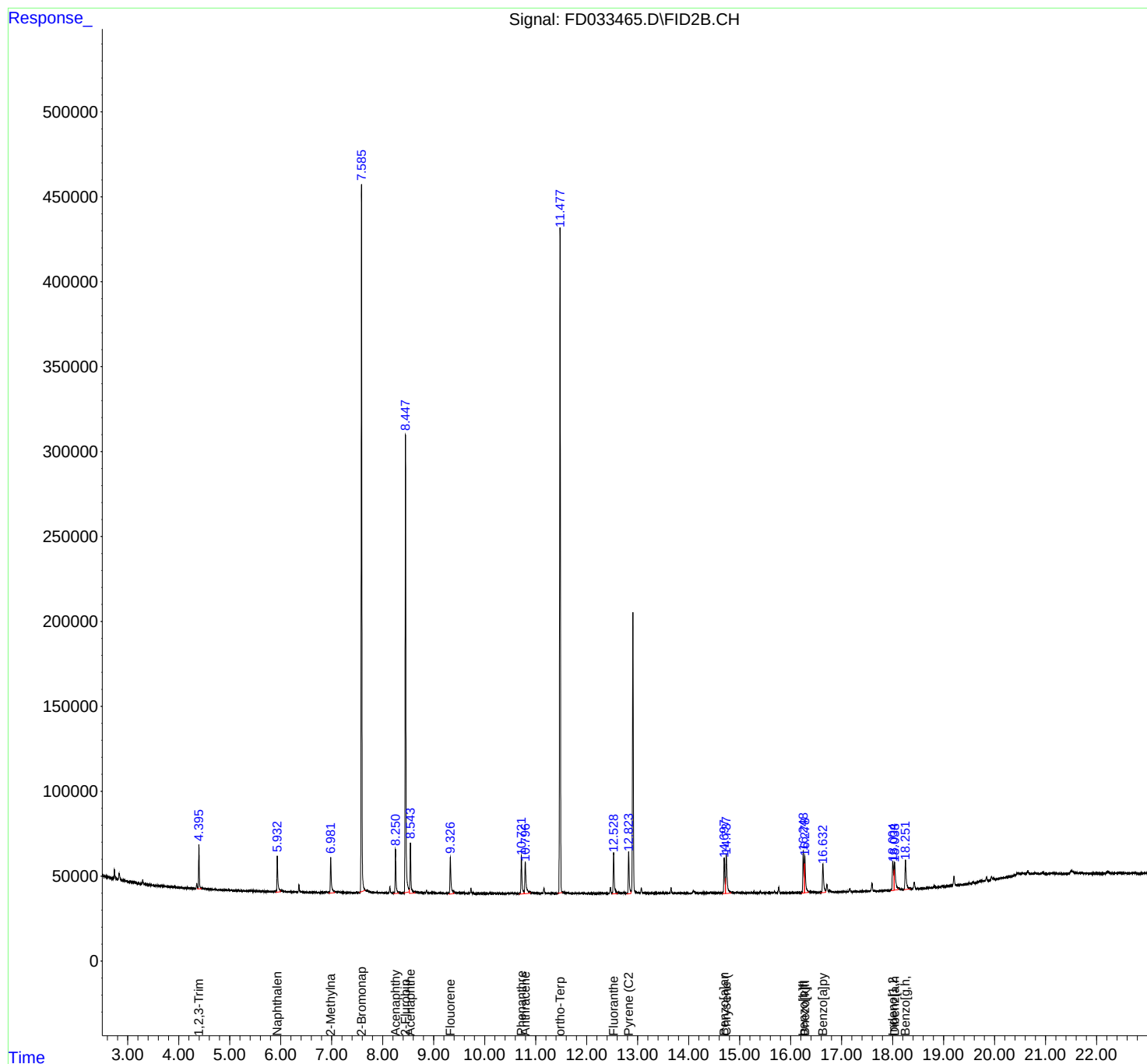
Instrument :
FID_D
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2020

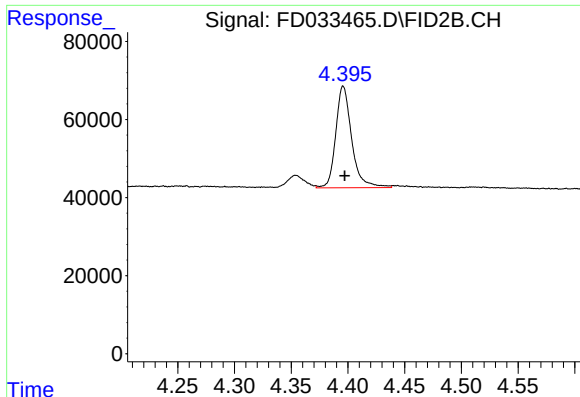
Manual Integrations
APPROVED

Sohil
5/13/2020 5:02:56 PM

Integration File: sample.E
Quant Time: May 13 04:08:37 2020
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 051120.M
Quant Title : GC Extractables
QLast Update : Tue May 12 06:50:42 2020
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. : 1 µl
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18µm





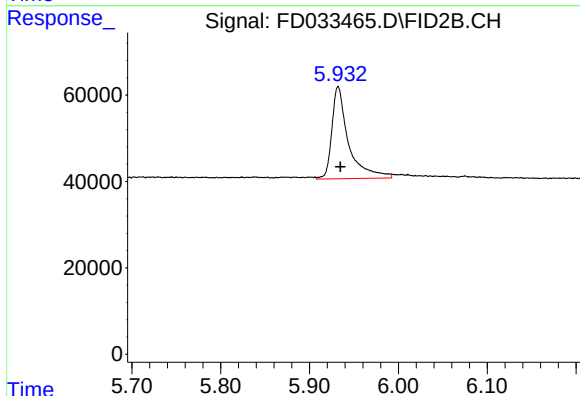
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.395 min
Delta R.T.: -0.002 min
Response: 255239
Conc: 2.24 ug/ml m

Instrument :
FID_D
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2020

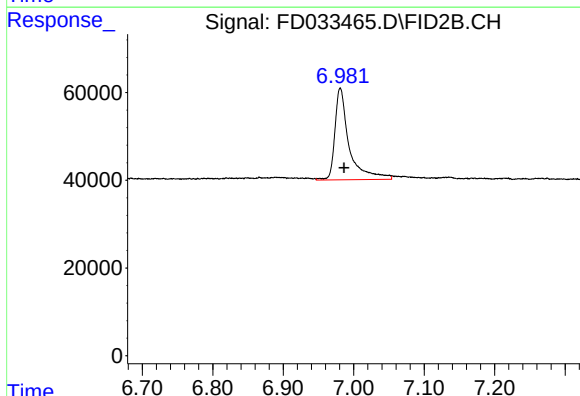
Manual Integrations
APPROVED

Sohil
5/13/2020 5:02:56 PM



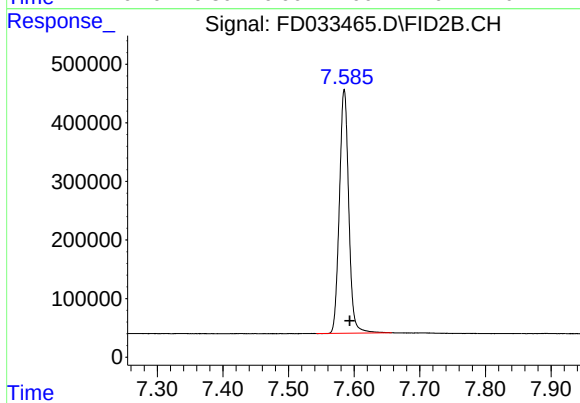
#2 Naphthalene (C11.7)

R.T.: 5.932 min
Delta R.T.: -0.003 min
Response: 278873
Conc: 2.37 ug/ml m



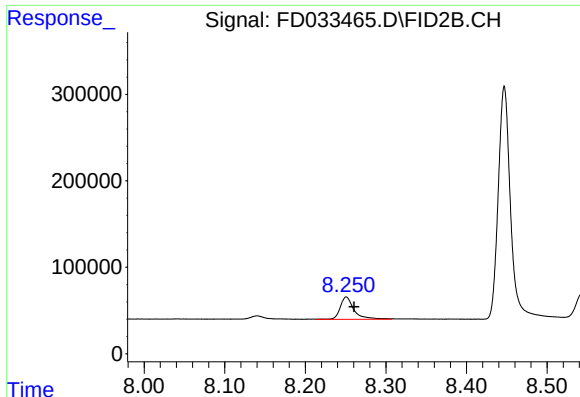
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.981 min
Delta R.T.: -0.005 min
Response: 295490
Conc: 2.48 ug/ml m



#4 2-Bromonaphthalene (SURR)

R.T.: 7.585 min
Delta R.T.: -0.008 min
Response: 4120652
Conc: 37.47 ug/ml



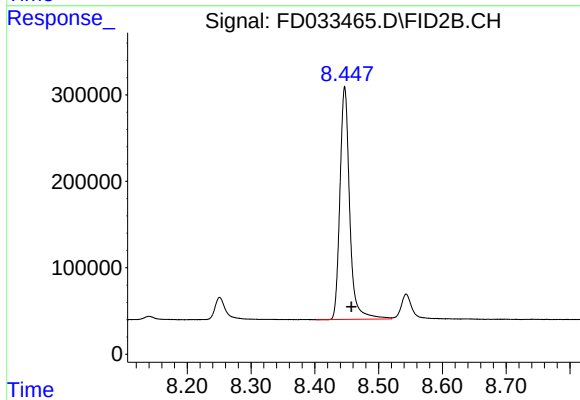
#5 Acenaphthylene (C15.06)

R.T.: 8.250 min
Delta R.T.: -0.010 min
Response: 310515
Conc: 2.57 ug/ml m

Instrument :
FID_D
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2020

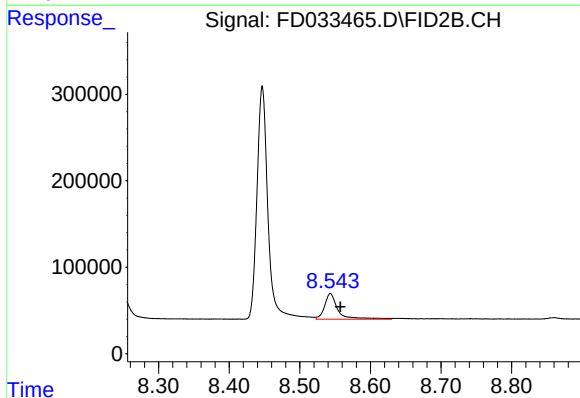
Manual Integrations
APPROVED

Sohil
5/13/2020 5:02:56 PM



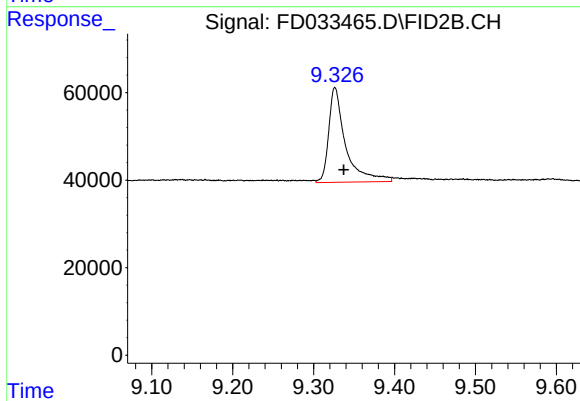
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.447 min
Delta R.T.: -0.010 min
Response: 2862873
Conc: 38.56 ug/ml



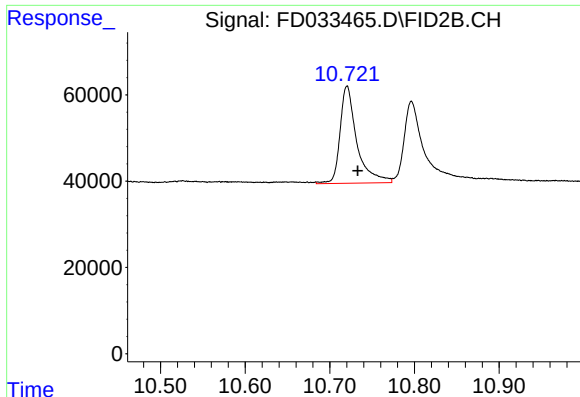
#7 Acenaphthene (C15.5)

R.T.: 8.543 min
Delta R.T.: -0.015 min
Response: 390465
Conc: 3.09 ug/ml m



#8 Flouorene (C16.55)

R.T.: 9.326 min
Delta R.T.: -0.011 min
Response: 314980
Conc: 2.57 ug/ml m



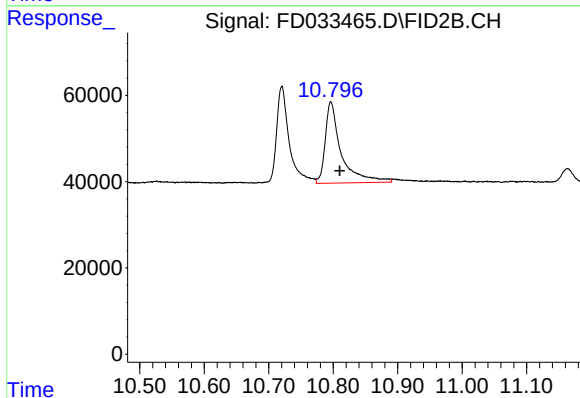
#9 Phenanthrene (C19.36)

R.T.: 10.721 min
Delta R.T.: -0.012 min
Response: 311748
Conc: 2.47 ug/ml m

Instrument :
FID_D
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2020

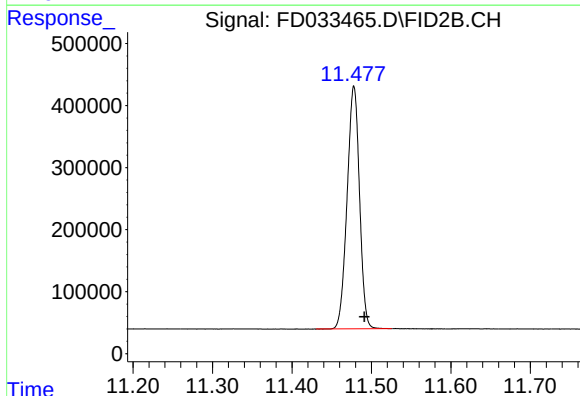
Manual Integrations
APPROVED

Sohil
5/13/2020 5:02:56 PM



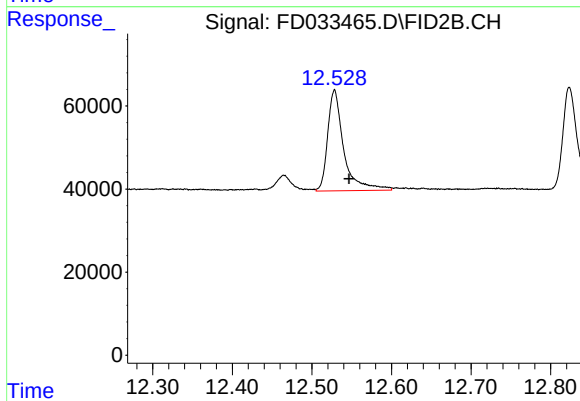
#10 Anthracene (C19.43)

R.T.: 10.796 min
Delta R.T.: -0.014 min
Response: 324788
Conc: 2.67 ug/ml m



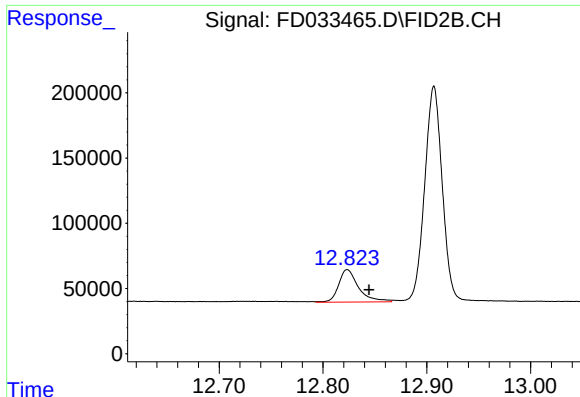
#11 ortho-Terphenyl (SURR)

R.T.: 11.478 min
Delta R.T.: -0.013 min
Response: 4243857
Conc: 32.89 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.528 min
Delta R.T.: -0.018 min
Response: 341934
Conc: 2.64 ug/ml m



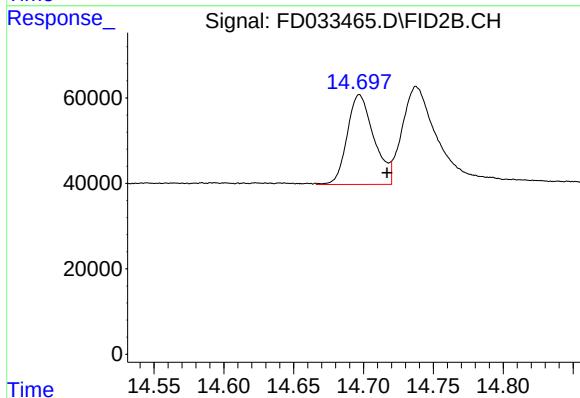
#13 Pyrene (C20.8)

R.T.: 12.823 min
Delta R.T.: -0.021 min
Response: 333543
Conc: 2.58 ug/ml m

Instrument :
FID_D
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2020

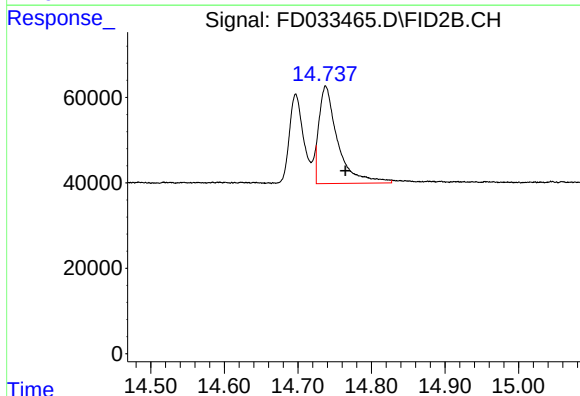
Manual Integrations
APPROVED

Sohil
5/13/2020 5:02:56 PM



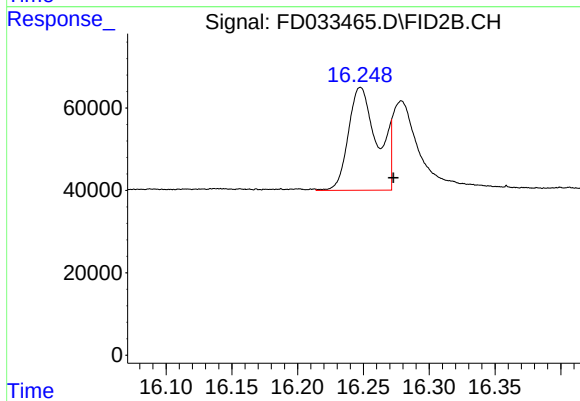
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.697 min
Delta R.T.: -0.020 min
Response: 279487
Conc: 2.29 ug/ml m



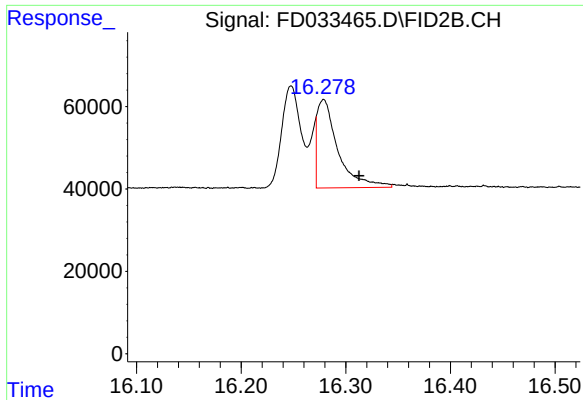
#15 Chrysene (C27.41)

R.T.: 14.737 min
Delta R.T.: -0.028 min
Response: 396815
Conc: 3.08 ug/ml m



#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.248 min
Delta R.T.: -0.025 min
Response: 375855
Conc: 3.02 ug/ml m



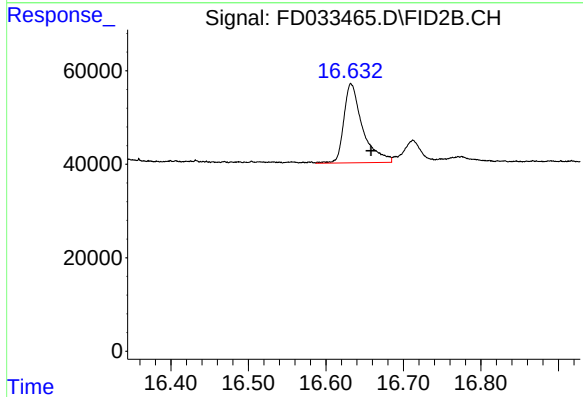
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.278 min
Delta R.T.: -0.035 min
Response: 285325
Conc: 2.22 ug/ml m

Instrument :
FID_D
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2020

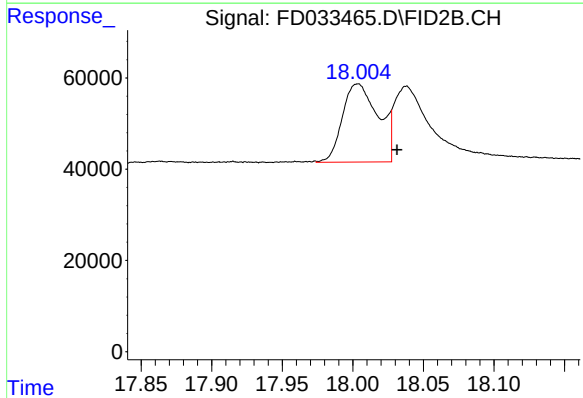
Manual Integrations
APPROVED

Sohil
5/13/2020 5:02:56 PM



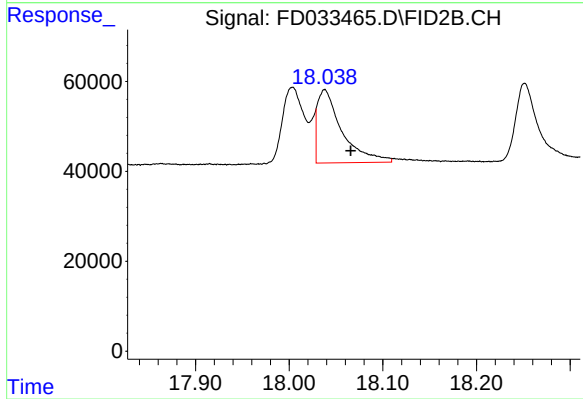
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.632 min
Delta R.T.: -0.027 min
Response: 285550
Conc: 2.31 ug/ml m



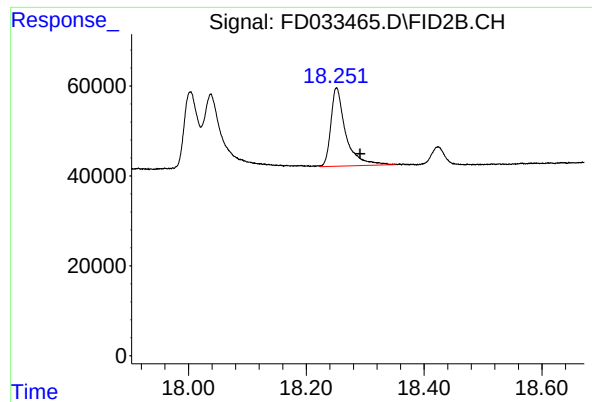
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.004 min
Delta R.T.: -0.027 min
Response: 306650
Conc: 2.58 ug/ml m



#20 Dibenz[a,h]anthracene (C30.36)

R.T.: 18.038 min
Delta R.T.: -0.028 min
Response: 293422
Conc: 2.37 ug/ml m



#21 Benzo[g,h,i]perylene (C34.01)

R.T.: 18.251 min
Delta R.T.: -0.040 min
Response: 306279
Conc: 2.54 ug/ml m

Instrument :
FID_D
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2020

Manual Integrations
APPROVED

Sohil
5/13/2020 5:02:56 PM