

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD052120AL\
 Data File : FD033568.D
 Signal(s) : FID2B.CH
 Acq On : 21 May 2020 11:15
 Operator : DD\AJ
 Sample : L2182-02
 Misc : LOQ-SOIL-5 PPM
 ALS Vial : 56 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 LOQ-SOIL-02-QT2-2020

Manual Integrations
 APPROVED

Sohil
 5/22/2020 4:06:39 PM

Integration File: autoint1.e
 Quant Time: May 22 02:30:44 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Alaphatic EPH 051920.M
 Quant Title : GC Extractables
 QLast Update : Wed May 20 07:22:05 2020
 Response via : Initial Calibration
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
12) S 1-chlorooctadecane (S...	12.903	4738824	42.618 ug/ml
Spiked Amount 50.000		Recovery =	85.24%
Target Compounds			
1) T n-Nonane (C9)	3.290	430410	3.749 ug/mlm
2) T n-Decane (C10)	4.348	529024	4.596 ug/ml
4) T n-Dodecane (C12)	6.351	674975	5.665 ug/ml
6) T n-Tetradecane (C14)	8.133	713862	5.914 ug/ml
7) T n-Hexadecane (C16)	9.723	664717	5.566 ug/ml
8) T n-Octadecane (C18)	11.155	701667	5.533 ug/ml
10) T n-Eicosane (C20)	12.457	713831	5.532 ug/ml
11) T n-Heneicosane (C21)	13.066	705694	5.477 ug/ml
13) T n-Docosane (C22)	13.648	716296	5.581 ug/ml
14) T n-Tetracosane (C24)	14.745	708497	5.567 ug/ml
15) T n-Hexacosane (C26)	15.759	690310	5.508 ug/ml
16) T n-Octacosane (C28)	16.703	697900	5.614 ug/ml
17) T n-Tricontane (C30)	17.586	698654	5.806 ug/ml
18) T n-Dotriacontane (C32)	18.412	655902	5.989 ug/ml
19) T n-Tetratriacontane (C34)	19.191	626579	6.114 ug/ml
20) T n-Hexatriacontane (C36)	19.925	572351	5.978 ug/ml
21) T n-Octatriacontane (C38)	20.634	543872	6.069 ug/ml
22) T n-Tetracontane (C40)	21.476	536255	6.039 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD052120AL\
Data File : FD033568.D
Signal(s) : FID2B.CH
Acq On : 21 May 2020 11:15
Operator : DD\AJ
Sample : L2182-02
Misc : LOQ-SOIL-5 PPM
ALS Vial : 56 Sample Multiplier: 1

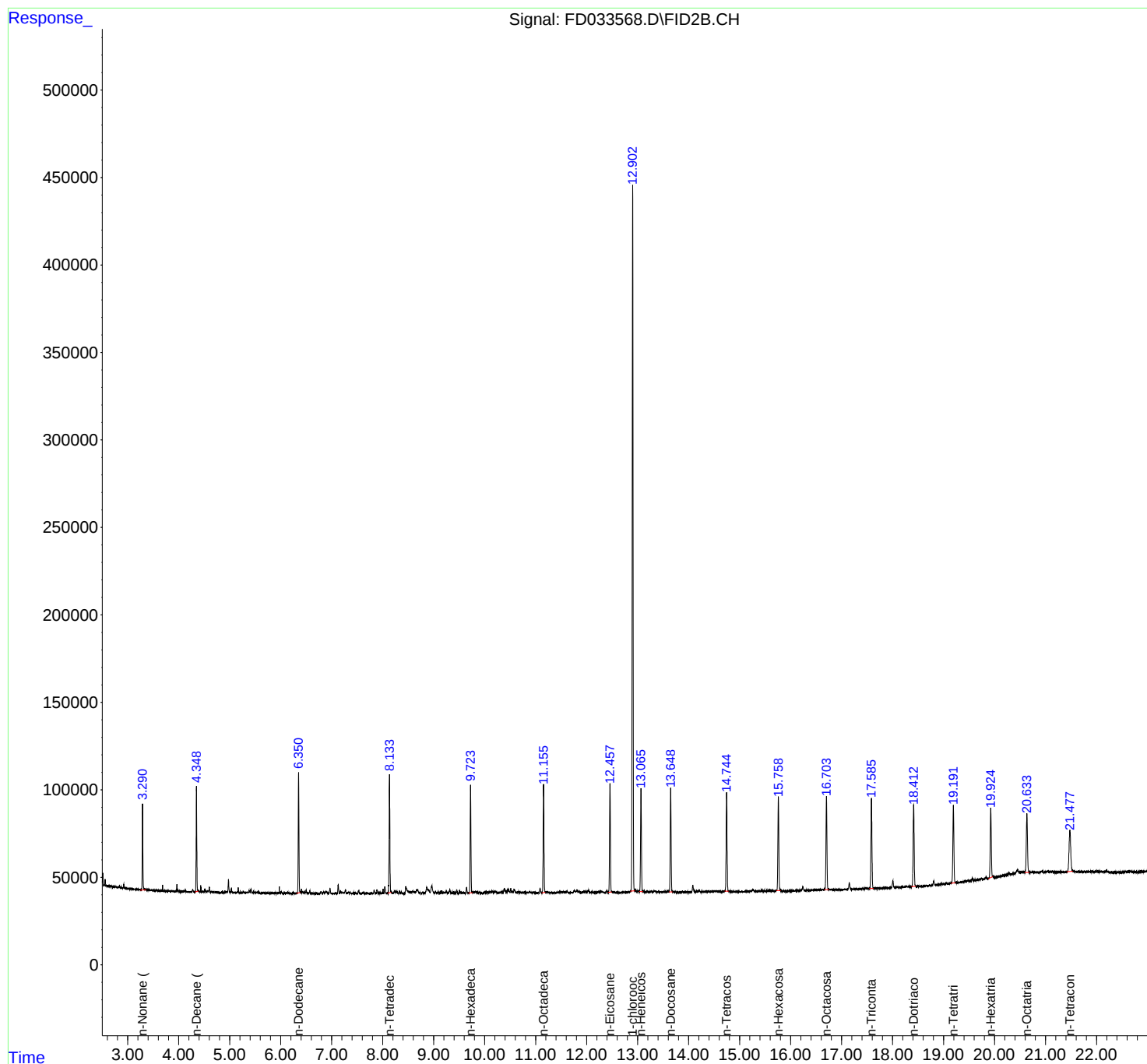
Instrument :
FID_D
ClientSampleId :
LOQ-SOIL-02-QT2-2020

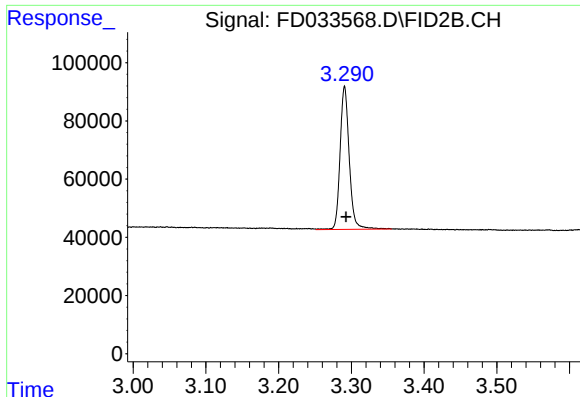
Manual Integrations
APPROVED

Sohil
5/22/2020 4:06:39 PM

Integration File: autoint1.e
Quant Time: May 22 02:30:44 2020
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Alaphatic EPH 051920.M
Quant Title : GC Extractables
QLast Update : Wed May 20 07:22:05 2020
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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





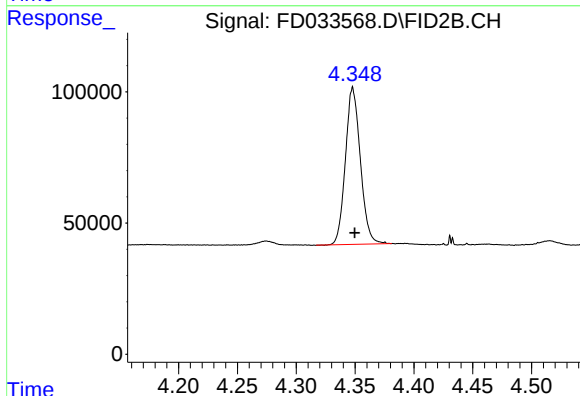
#1 n-Nonane (C9)

R.T.: 3.290 min
Delta R.T.: -0.003 min
Response: 430410
Conc: 3.75 ug/ml m

Instrument :
FID_D
ClientSampleId :
LOQ-SOIL-02-QT2-2020

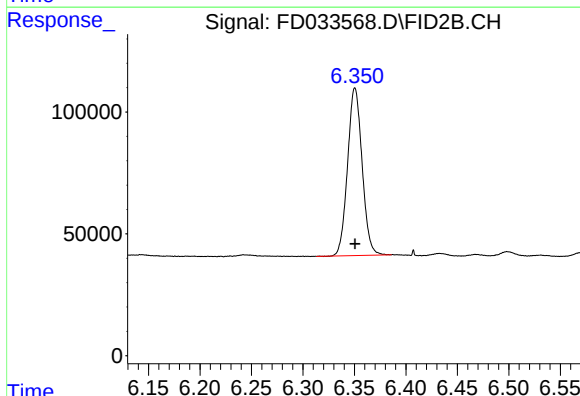
Manual Integrations
APPROVED

Sohil
5/22/2020 4:06:39 PM



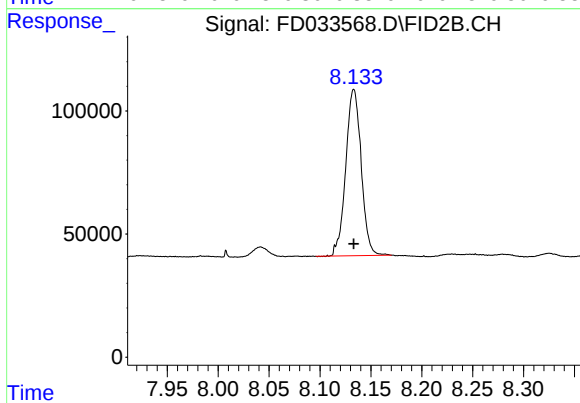
#2 n-Decane (C10)

R.T.: 4.348 min
Delta R.T.: -0.002 min
Response: 529024
Conc: 4.60 ug/ml



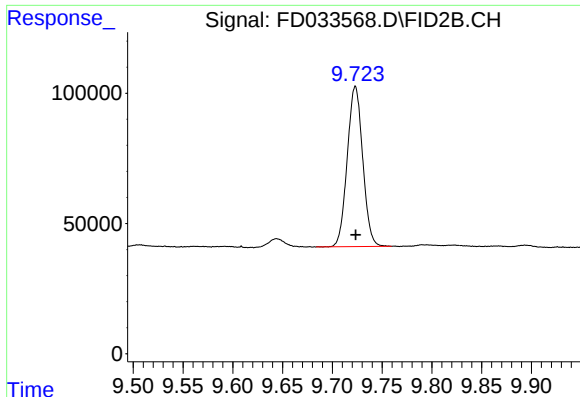
#4 n-Dodecane (C12)

R.T.: 6.351 min
Delta R.T.: 0.000 min
Response: 674975
Conc: 5.67 ug/ml



#6 n-Tetradecane (C14)

R.T.: 8.133 min
Delta R.T.: 0.000 min
Response: 713862
Conc: 5.91 ug/ml



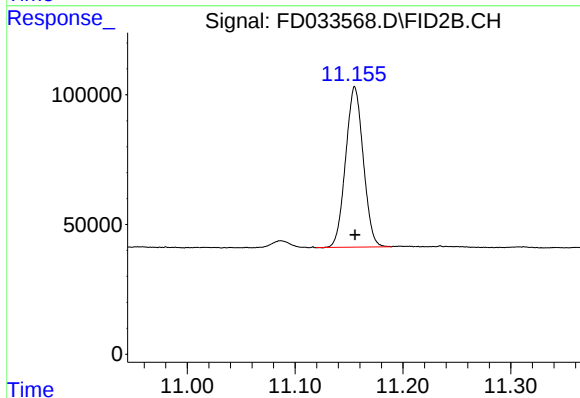
#7 n-Hexadecane (C16)

R.T.: 9.723 min
Delta R.T.: 0.000 min
Response: 664717
Conc: 5.57 ug/ml

Instrument :
FID_D
ClientSampleId :
LOQ-SOIL-02-QT2-2020

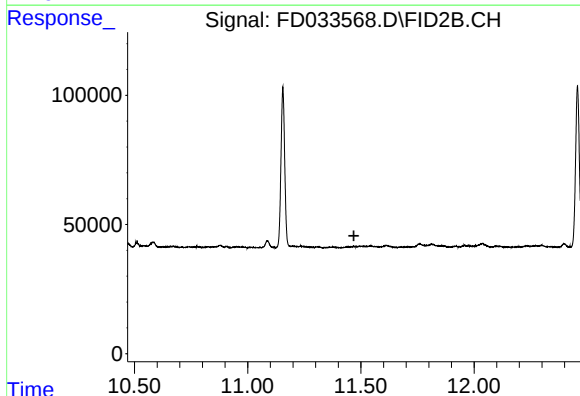
Manual Integrations
APPROVED

Sohil
5/22/2020 4:06:39 PM



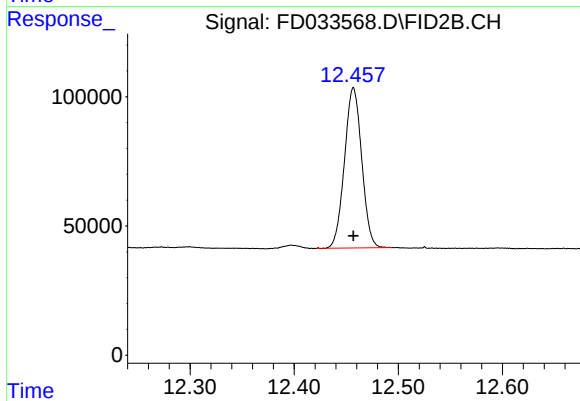
#8 n-Octadecane (C18)

R.T.: 11.155 min
Delta R.T.: 0.000 min
Response: 701667
Conc: 5.53 ug/ml



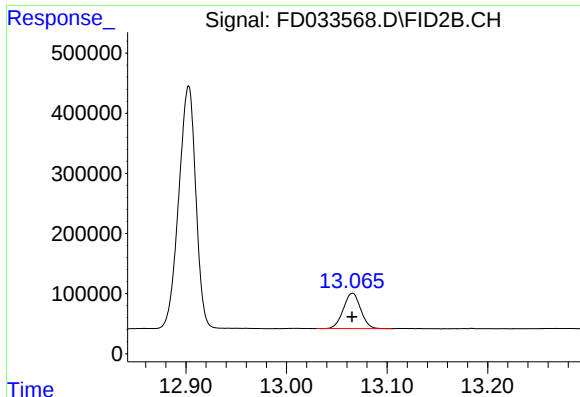
#9 ortho-Terphenyl (SURR)

R.T.: 0.000 min
Exp R.T. : 11.469 min
Response: 0
Conc: N.D.



#10 n-Eicosane (C20)

R.T.: 12.457 min
Delta R.T.: 0.000 min
Response: 713831
Conc: 5.53 ug/ml



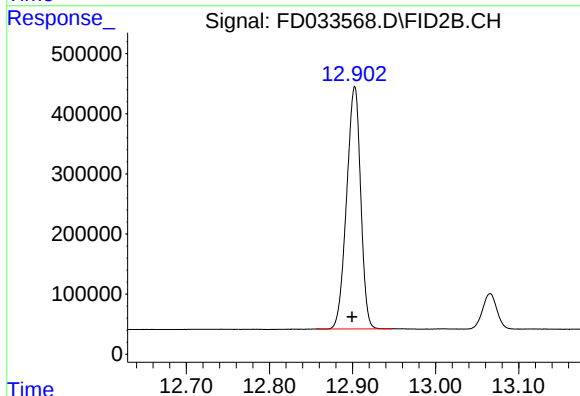
#11 n-Heneicosane (C21)

R.T.: 13.066 min
Delta R.T.: 0.000 min
Response: 705694
Conc: 5.48 ug/ml

Instrument :
FID_D
ClientSampleId :
LOQ-SOIL-02-QT2-2020

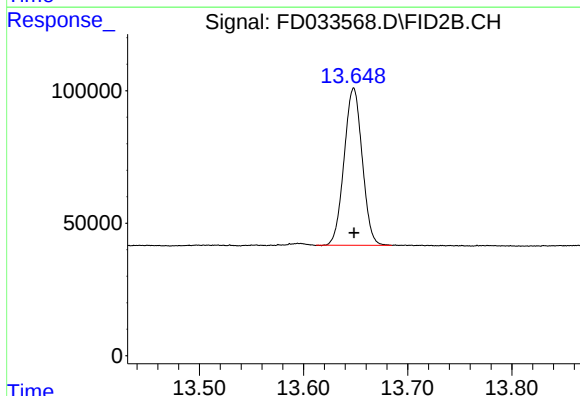
Manual Integrations
APPROVED

Sohil
5/22/2020 4:06:39 PM



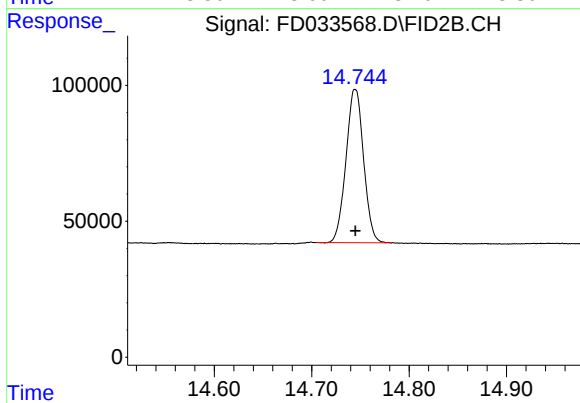
#12 1-chlorooctadecane (SURR)

R.T.: 12.903 min
Delta R.T.: 0.003 min
Response: 4738824
Conc: 42.62 ug/ml



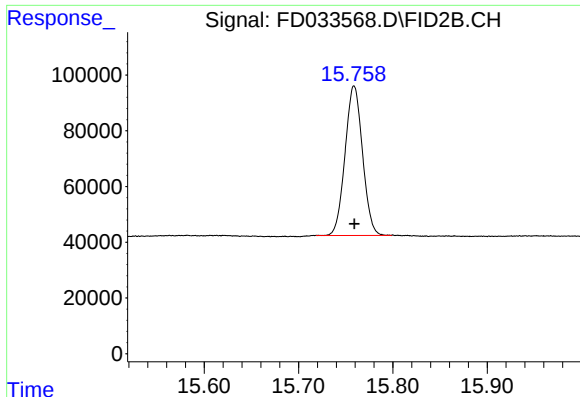
#13 n-Docosane (C22)

R.T.: 13.648 min
Delta R.T.: 0.000 min
Response: 716296
Conc: 5.58 ug/ml



#14 n-Tetracosane (C24)

R.T.: 14.745 min
Delta R.T.: 0.000 min
Response: 708497
Conc: 5.57 ug/ml



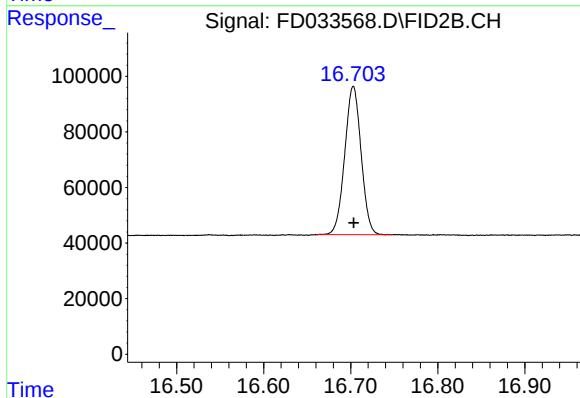
#15 n-Hexacosane (C26)

R.T.: 15.759 min
Delta R.T.: 0.000 min
Response: 690310
Conc: 5.51 ug/ml

Instrument :
FID_D
ClientSampleId :
LOQ-SOIL-02-QT2-2020

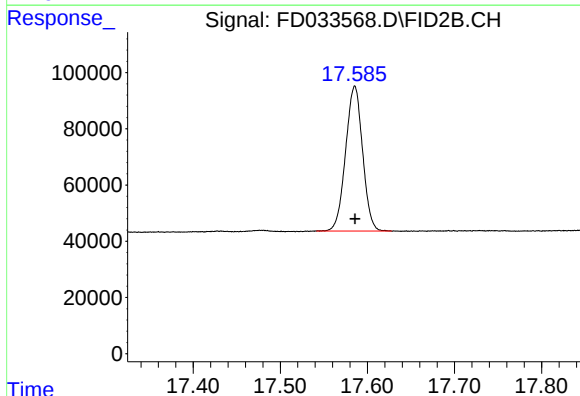
Manual Integrations
APPROVED

Sohil
5/22/2020 4:06:39 PM



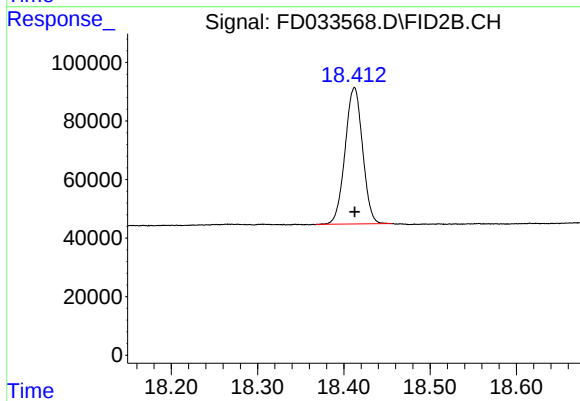
#16 n-Octacosane (C28)

R.T.: 16.703 min
Delta R.T.: 0.000 min
Response: 697900
Conc: 5.61 ug/ml



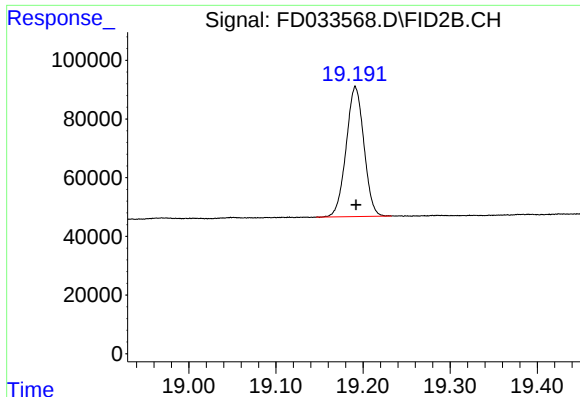
#17 n-Tricontane (C30)

R.T.: 17.586 min
Delta R.T.: 0.000 min
Response: 698654
Conc: 5.81 ug/ml



#18 n-Dotriacontane (C32)

R.T.: 18.412 min
Delta R.T.: 0.000 min
Response: 655902
Conc: 5.99 ug/ml



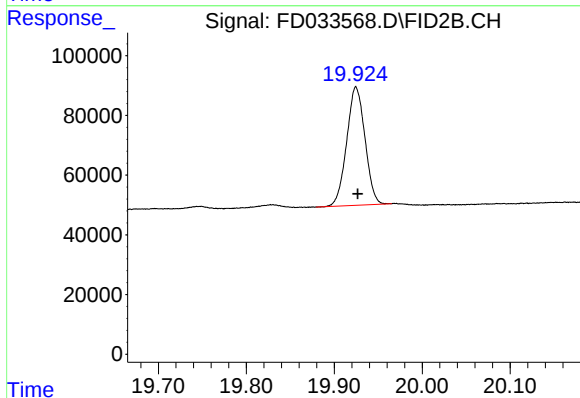
#19 n-Tetratriacontane (C34)

R.T.: 19.191 min
Delta R.T.: 0.000 min
Response: 626579
Conc: 6.11 ug/ml

Instrument :
FID_D
ClientSampleId :
LOQ-SOIL-02-QT2-2020

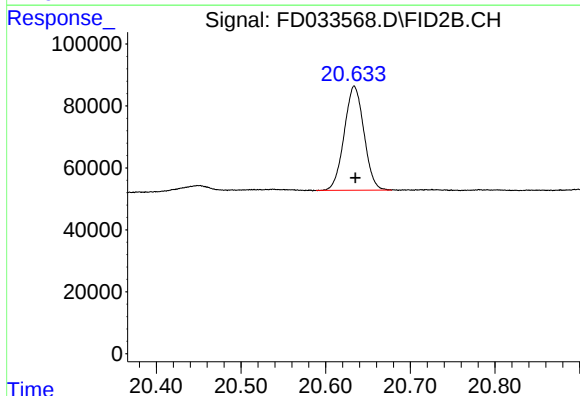
Manual Integrations
APPROVED

Sohil
5/22/2020 4:06:39 PM



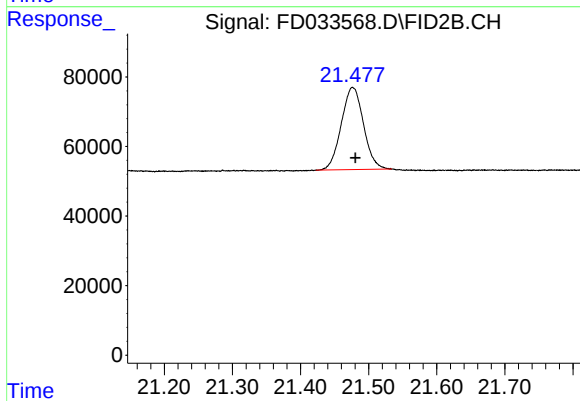
#20 n-Hexatriacontane (C36)

R.T.: 19.925 min
Delta R.T.: -0.002 min
Response: 572351
Conc: 5.98 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.634 min
Delta R.T.: -0.001 min
Response: 543872
Conc: 6.07 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.476 min
Delta R.T.: -0.004 min
Response: 536255
Conc: 6.04 ug/ml