

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD030122AL\
 Data File : FD041327.D
 Signal(s) : FID2B.CH
 Acq On : 01 Mar 2022 10:14
 Operator : UA/NP
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 03/02/2022
 Supervised By :Ankita Jodhani 03/02/2022

Integration File: sample.E
 Quant Time: Mar 02 00:23:27 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 022322.M
 Quant Title : GC Extractables
 QLast Update : Thu Feb 24 01:21:33 2022
 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			
9) S ortho-Terphenyl (SURR)	11.247	3532412	20.364 ug/ml
Spiked Amount 50.000		Recovery =	40.73%
12) S 1-chlorooctadecane (S...	12.687	2806009	20.726 ug/ml
Spiked Amount 50.000		Recovery =	41.45%
Target Compounds			
1) T n-Nonane (C9)	3.108	3053812	20.971 ug/ml
2) T n-Decane (C10)	4.154	3085349	21.368 ug/ml
3) T A~Naphthalene (C11.7)	5.705	3330455	20.849 ug/ml
4) T n-Dodecane (C12)	6.151	3107948	20.985 ug/ml
5) T A~2-methylnaphthalene...	6.751	3354881	20.964 ug/ml
6) T n-Tetradecane (C14)	7.930	3136725	20.952 ug/ml
7) T n-Hexadecane (C16)	9.517	3158115	20.745 ug/ml
8) T n-Octadecane (C18)	10.949	3165321	20.365 ug/ml
10) T n-Eicosane (C20)	12.249	3168331	20.409 ug/ml
11) T n-Heneicosane (C21)	12.857	3138567	20.044 ug/ml
13) T n-Docosane (C22)	13.439	3150258	20.115 ug/ml
14) T n-Tetracosane (C24)	14.536	3149837	20.082 ug/ml
15) T n-Hexacosane (C26)	15.552	3022306	19.671 ug/ml
16) T n-Octacosane (C28)	16.496	2970294	19.958 ug/ml
17) T n-Tricontane (C30)	17.379	2951670	20.978 ug/ml
18) T n-Dotriacontane (C32)	18.208	2852360	22.420 ug/ml
19) T n-Tetratriacontane (C34)	18.986	2587612	22.719 ug/ml
20) T n-Hexatriacontane (C36)	19.723	2437774	23.785 ug/ml
21) T n-Octatriacontane (C38)	20.420	2306641	24.295 ug/mlm
22) T n-Tetracontane (C40)	21.207	2247285	23.712 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD030122AL\
Data File : FD041327.D
Signal(s) : FID2B.CH
Acq On : 01 Mar 2022 10:14
Operator : UA/NP
Sample : 20 PPM ALIPHATIC HC STD
Misc :
ALS Vial : 52 Sample Multiplier: 1

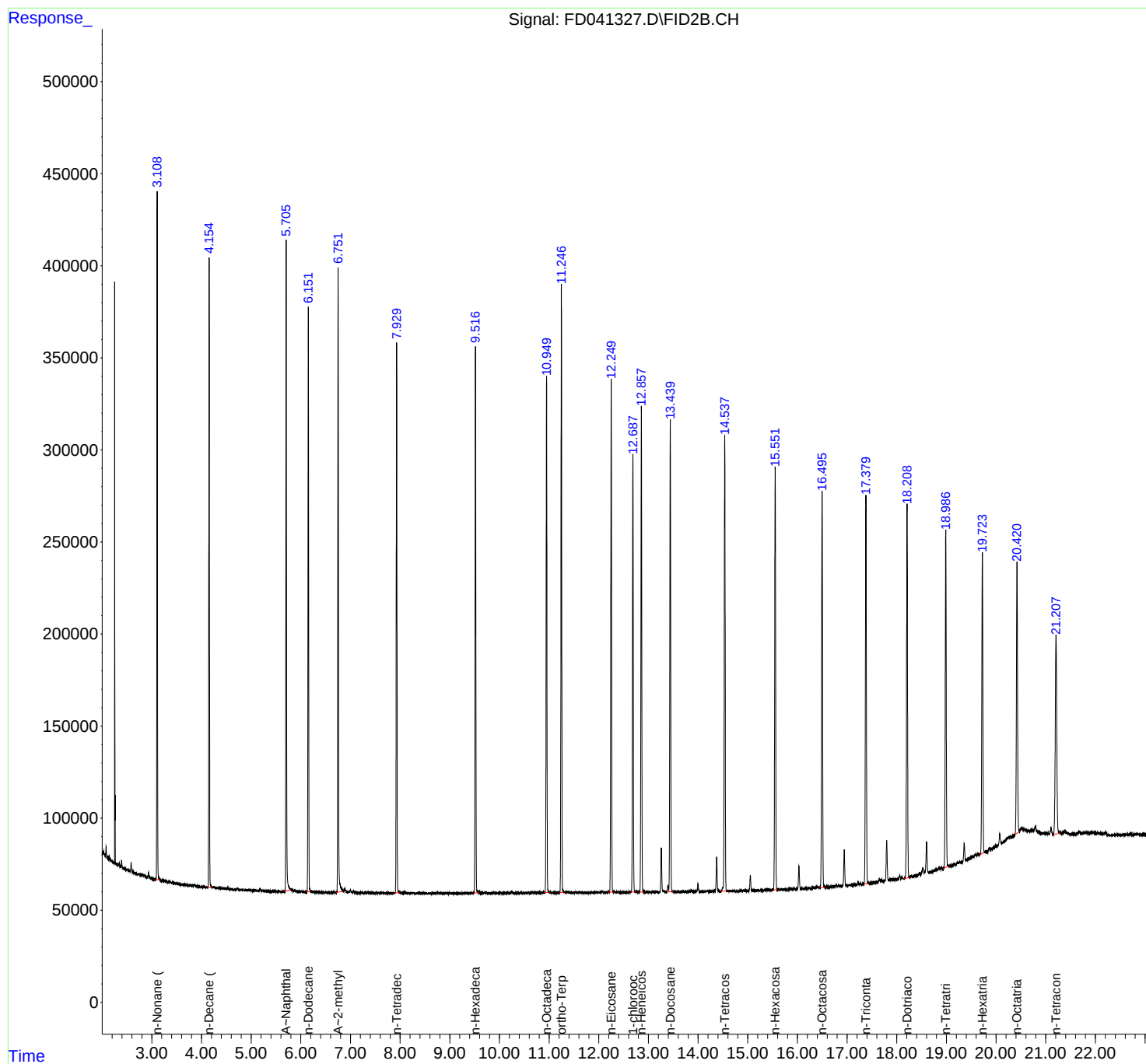
Instrument :
FID_D
ClientSampleId :
20 PPM ALIPHATIC HC STD

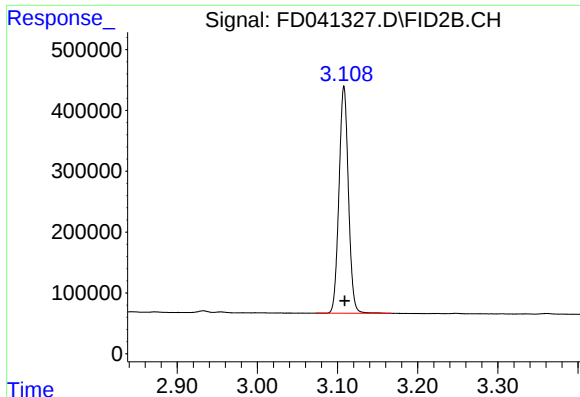
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 03/02/2022
Supervised By :Ankita Jodhani 03/02/2022

Integration File: sample.E
Quant Time: Mar 02 00:23:27 2022
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 022322.M
Quant Title : GC Extractables
QLast Update : Thu Feb 24 01:21:33 2022
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





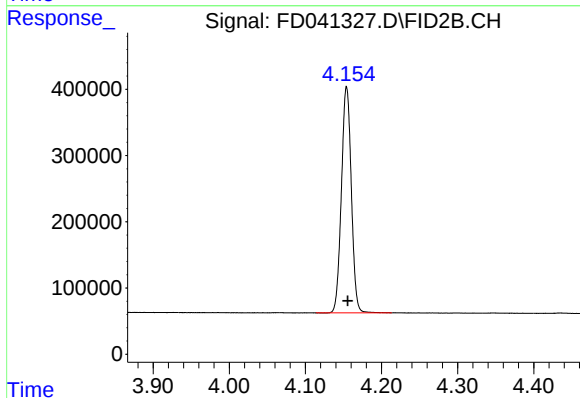
#1 n-Nonane (C9)

R.T.: 3.108 min
Delta R.T.: 0.000 min
Response: 3053812
Conc: 20.97 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM ALIPHATIC HC STD

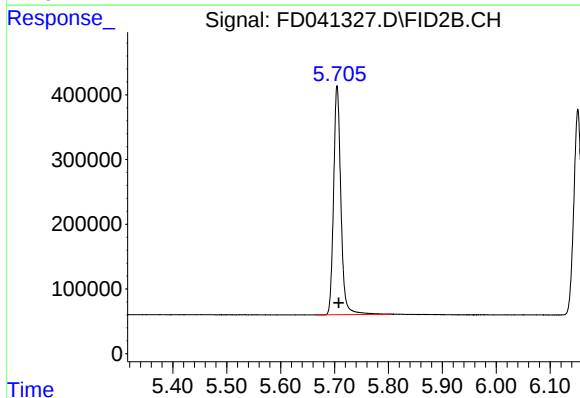
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 03/02/2022
Supervised By :Ankita Jodhani 03/02/2022



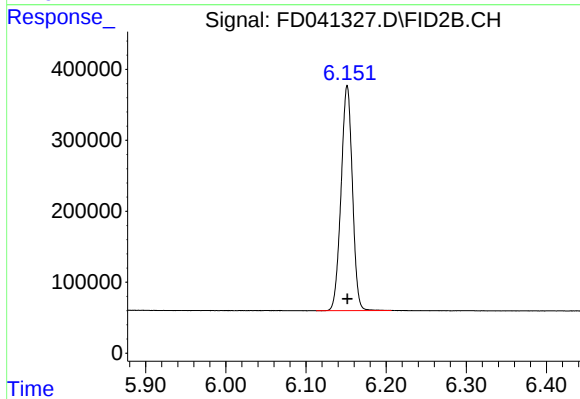
#2 n-Decane (C10)

R.T.: 4.154 min
Delta R.T.: -0.001 min
Response: 3085349
Conc: 21.37 ug/ml



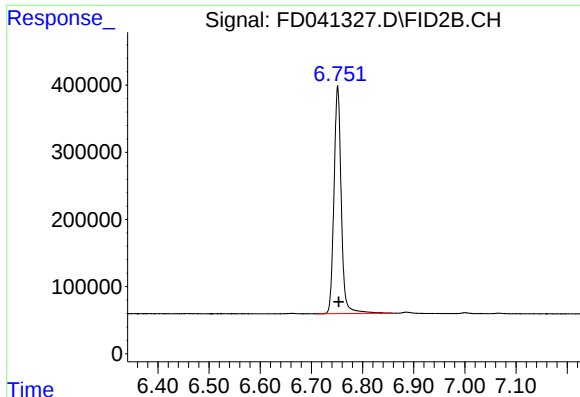
#3 A~Naphthalene (C11.7)

R.T.: 5.705 min
Delta R.T.: -0.003 min
Response: 3330455
Conc: 20.85 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.151 min
Delta R.T.: 0.000 min
Response: 3107948
Conc: 20.98 ug/ml



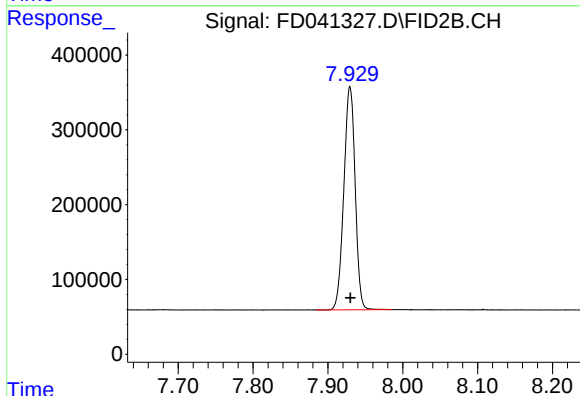
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.751 min
Delta R.T.: -0.002 min
Response: 3354881
Conc: 20.96 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM ALIPHATIC HC STD

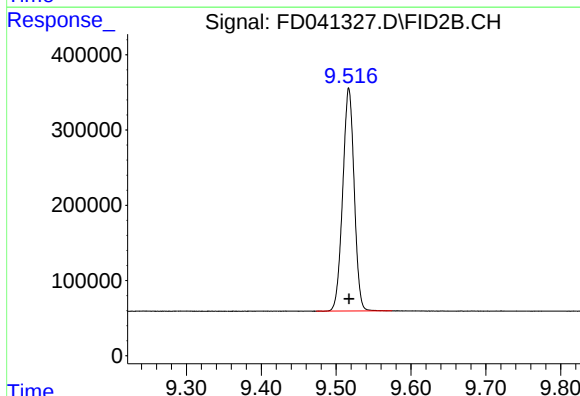
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 03/02/2022
Supervised By :Ankita Jodhani 03/02/2022



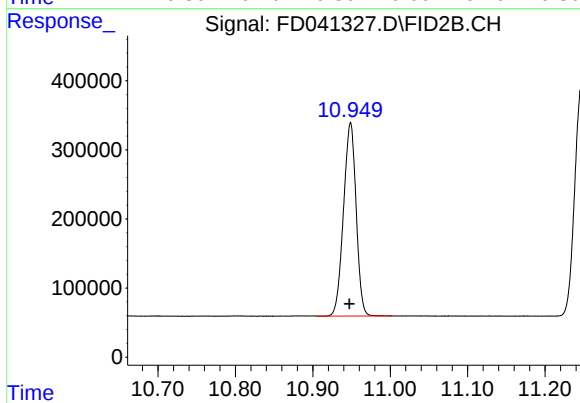
#6 n-Tetradecane (C14)

R.T.: 7.930 min
Delta R.T.: 0.000 min
Response: 3136725
Conc: 20.95 ug/ml



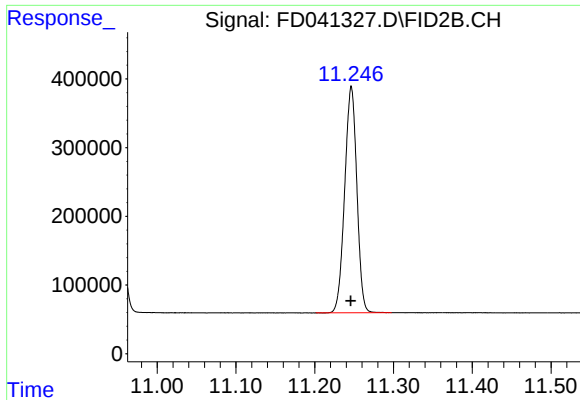
#7 n-Hexadecane (C16)

R.T.: 9.517 min
Delta R.T.: 0.000 min
Response: 3158115
Conc: 20.75 ug/ml



#8 n-Octadecane (C18)

R.T.: 10.949 min
Delta R.T.: 0.001 min
Response: 3165321
Conc: 20.37 ug/ml



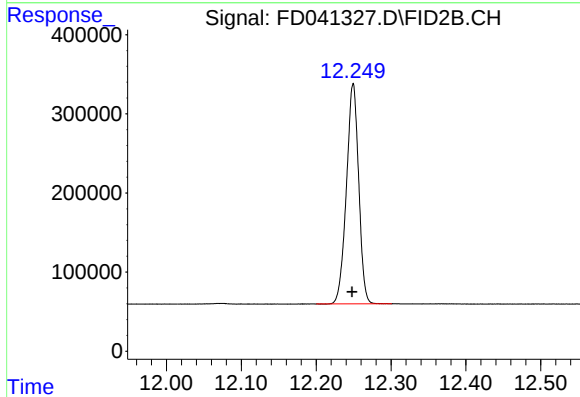
#9 ortho-Terphenyl (SURR)

R.T.: 11.247 min
Delta R.T.: 0.000 min
Response: 3532412
Conc: 20.36 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM ALIPHATIC HC STD

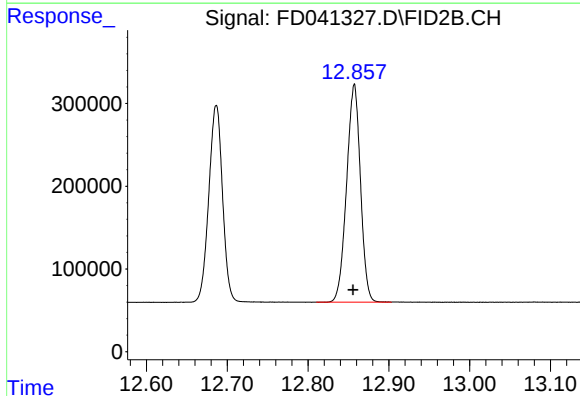
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 03/02/2022
Supervised By :Ankita Jodhani 03/02/2022



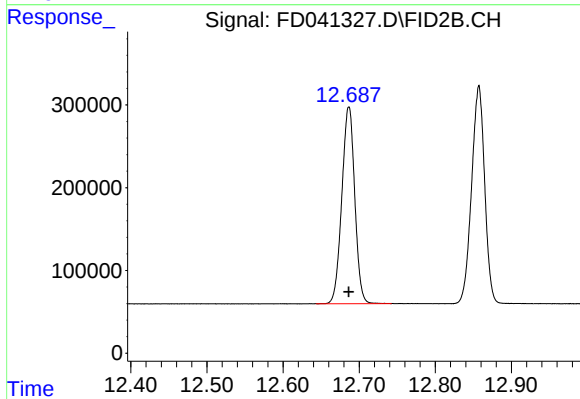
#10 n-Eicosane (C20)

R.T.: 12.249 min
Delta R.T.: 0.002 min
Response: 3168331
Conc: 20.41 ug/ml



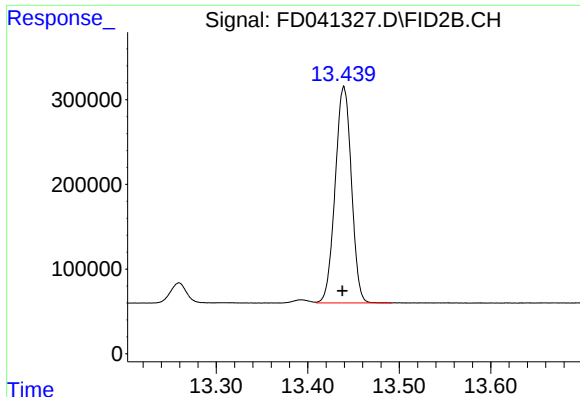
#11 n-Heneicosane (C21)

R.T.: 12.857 min
Delta R.T.: 0.001 min
Response: 3138567
Conc: 20.04 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.687 min
Delta R.T.: 0.000 min
Response: 2806009
Conc: 20.73 ug/ml



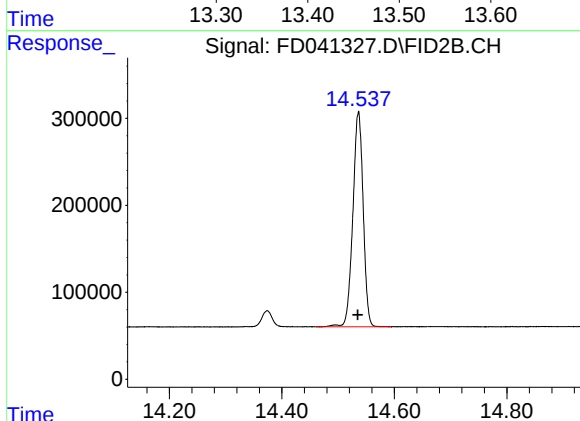
#13 n-Docosane (C22)

R.T.: 13.439 min
Delta R.T.: 0.002 min
Response: 3150258
Conc: 20.12 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM ALIPHATIC HC STD

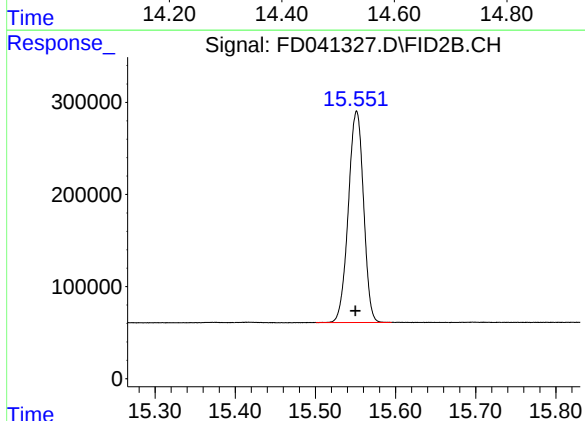
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 03/02/2022
Supervised By :Ankita Jodhani 03/02/2022



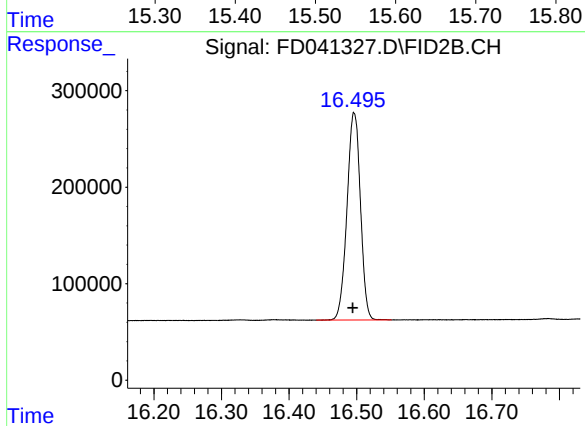
#14 n-Tetracosane (C24)

R.T.: 14.536 min
Delta R.T.: 0.001 min
Response: 3149837
Conc: 20.08 ug/ml



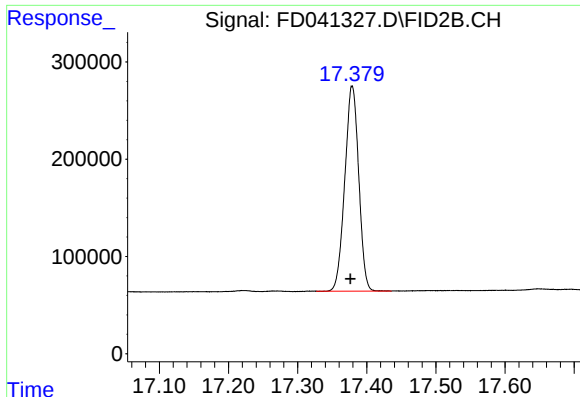
#15 n-Hexacosane (C26)

R.T.: 15.552 min
Delta R.T.: 0.002 min
Response: 3022306
Conc: 19.67 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.496 min
Delta R.T.: 0.002 min
Response: 2970294
Conc: 19.96 ug/ml



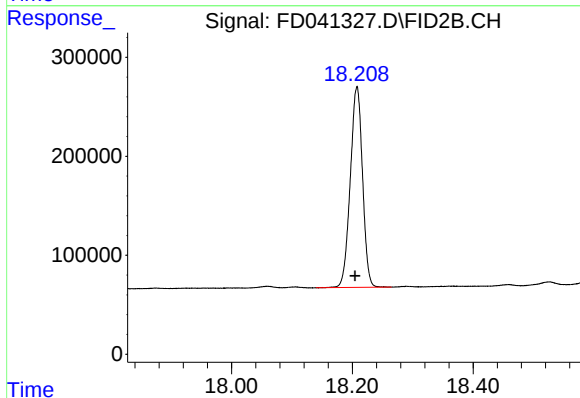
#17 n-Tricontane (C30)

R.T.: 17.379 min
Delta R.T.: 0.003 min
Response: 2951670
Conc: 20.98 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM ALIPHATIC HC STD

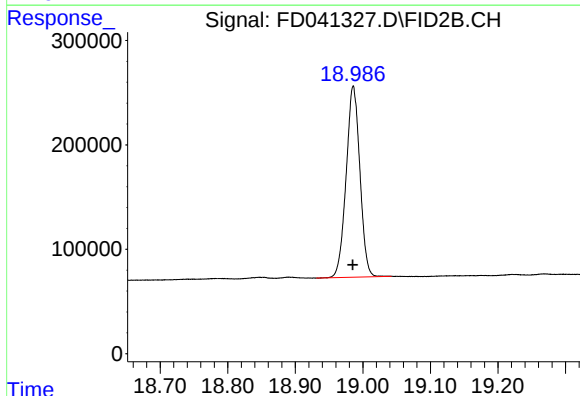
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 03/02/2022
Supervised By :Ankita Jodhani 03/02/2022



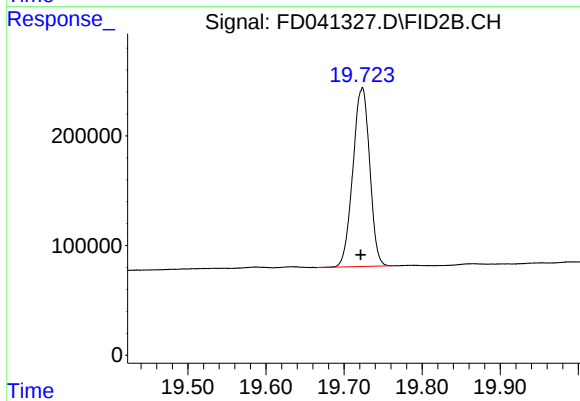
#18 n-Dotriacontane (C32)

R.T.: 18.208 min
Delta R.T.: 0.003 min
Response: 2852360
Conc: 22.42 ug/ml



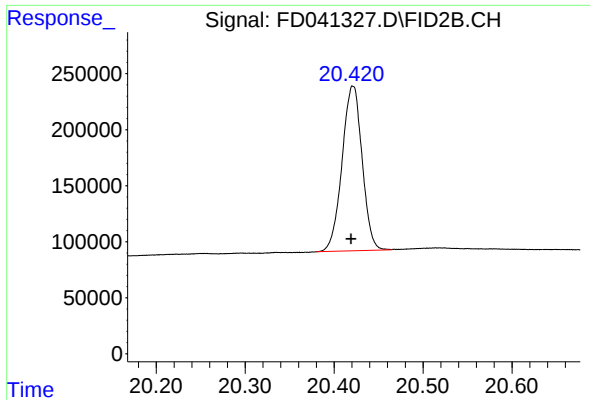
#19 n-Tetratriacontane (C34)

R.T.: 18.986 min
Delta R.T.: 0.000 min
Response: 2587612
Conc: 22.72 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 19.723 min
Delta R.T.: 0.002 min
Response: 2437774
Conc: 23.78 ug/ml



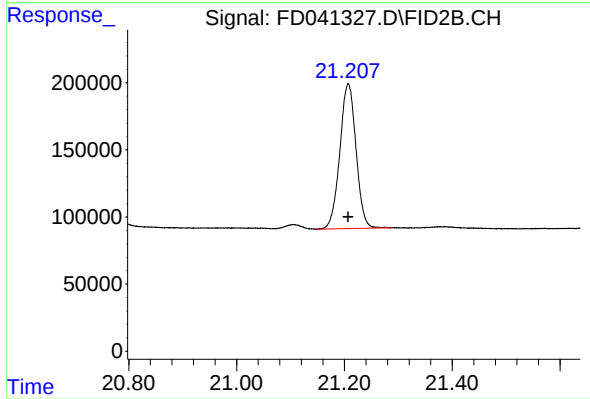
#21 n-Octatriacontane (C38)

R.T.: 20.420 min
Delta R.T.: 0.000 min
Response: 2306641
Conc: 24.29 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM ALIPHATIC HC STD

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 03/02/2022
Supervised By :Ankita Jodhani 03/02/2022



#22 n-Tetracontane (C40)

R.T.: 21.207 min
Delta R.T.: 0.000 min
Response: 2247285
Conc: 23.71 ug/ml