

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF081823AL\
 Data File : FF013223.D
 Signal(s) : FID2B.ch
 Acq On : 18 Aug 2023 22:22
 Operator : YP\AJ
 Sample : 04058-02MSD
 Misc :
 ALS Vial : 73 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 SU-04-081723-EPH-2MSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 08/21/2023
 Supervised By :Ankita Jodhani 08/21/2023

Integration File: autoint1.e
 Quant Time: Aug 18 23:56:58 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aliphatic EPH 081023.M
 Quant Title : GC Extractables
 QLast Update : Thu Aug 10 16:05:52 2023
 Response via : Initial Calibration
 Integrator: ChemStation

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)	11.893	5788283	42.129 ug/ml
Spiked Amount 50.000		Recovery =	84.26%
12) S 1-chlorooctadecane (S...	13.330	4640235	44.280 ug/ml
Spiked Amount 50.000		Recovery =	88.56%
Target Compounds			
1) T n-Nonane (C9)	3.283	3394695	31.770 ug/ml
2) T n-Decane (C10)	4.538	3833569	35.773 ug/ml
3) T A~Naphthalene (C11.7)	6.235	4488428	37.913 ug/ml
4) T n-Dodecane (C12)	6.702	4230427	39.096 ug/ml
5) T A~2-methylnaphthalene...	7.329	4644558	39.184 ug/ml
6) T n-Tetradecane (C14)	8.528	4615675	42.760 ug/ml
7) T n-Hexadecane (C16)	10.135	5222470	48.178 ug/ml
8) T n-Octadecane (C18)	11.578	5682745	51.898 ug/ml
10) T n-Eicosane (C20)	12.887	5951922	54.241 ug/ml
11) T n-Heneicosane (C21)	13.498	5855659	53.298 ug/ml
13) T n-Docosane (C22)	14.084	5814965	52.965 ug/ml
14) T n-Tetracosane (C24)	15.186	5438941	49.505 ug/ml
15) T n-Hexacosane (C26)	16.209	5806488	53.128 ug/ml
16) T n-Octacosane (C28)	17.157	5843504	54.121 ug/ml
17) T n-Tricontane (C30)	18.044	5764454	52.711 ug/ml
18) T n-Dotriacontane (C32)	18.874	5551388	49.146 ug/ml
19) T n-Tetratriacontane (C34)	19.656	5081748	47.841 ug/mlm
20) T n-Hexatriacontane (C36)	20.395	4848211	45.997 ug/ml
21) T n-Octatriacontane (C38)	21.126	4372727	43.295 ug/ml
22) T n-Tetracontane (C40)	22.025	4348540	43.752 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF081823AL\
Data File : FF013223.D
Signal(s) : FID2B.ch
Acq On : 18 Aug 2023 22:22
Operator : YP\AJ
Sample : 04058-02MSD
Misc :
ALS Vial : 73 Sample Multiplier: 1

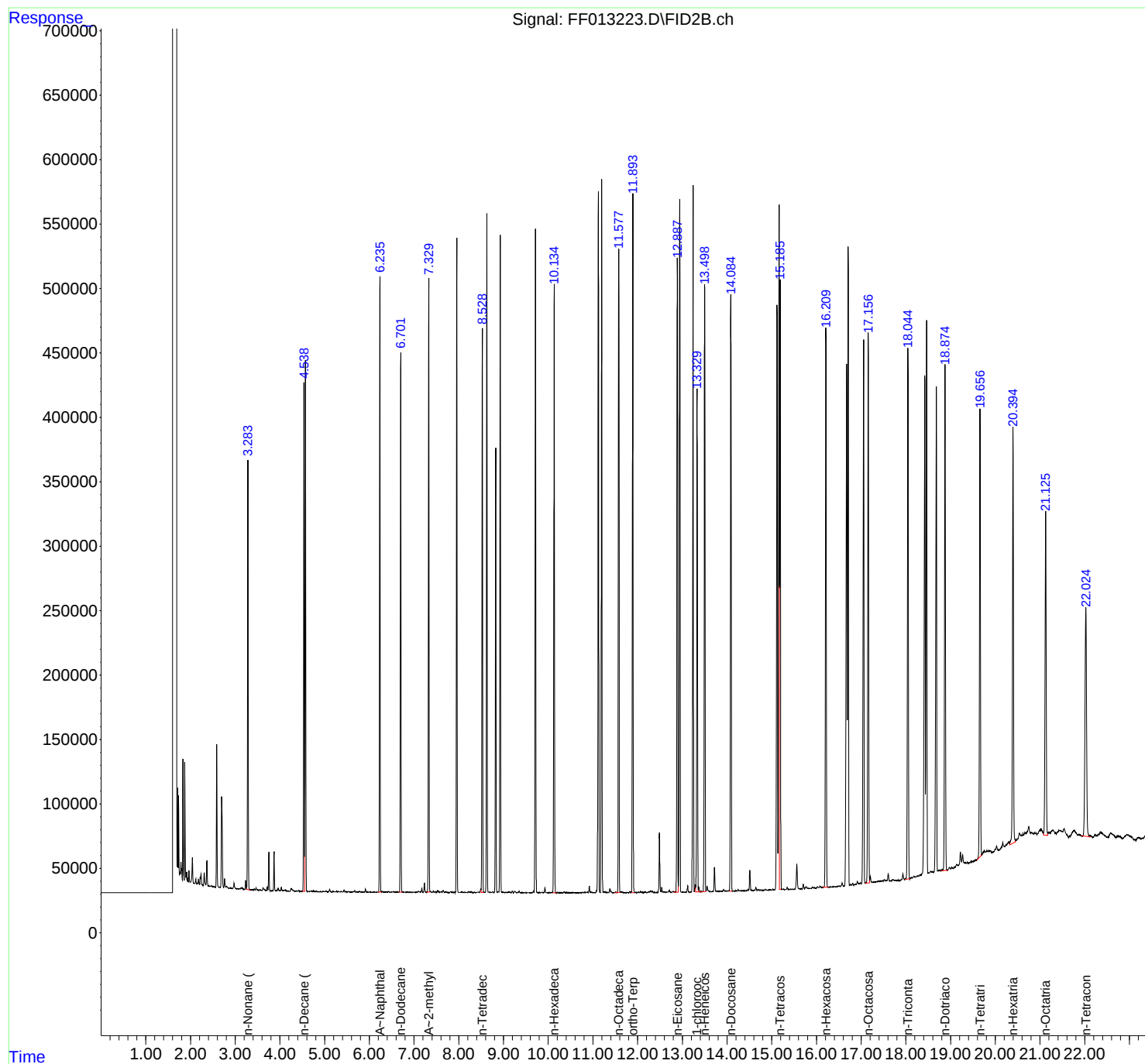
Instrument :
FID_F
ClientSampleId :
SU-04-081723-EPH-2MSD

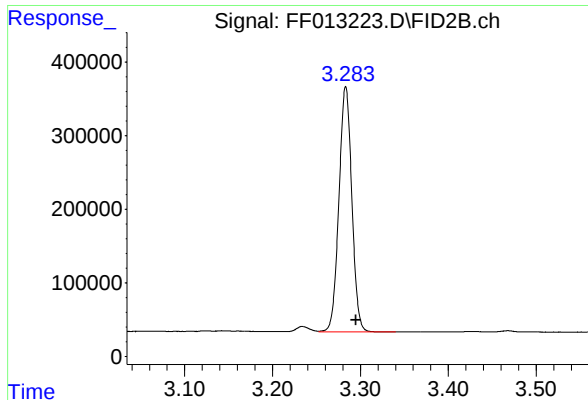
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 08/21/2023
Supervised By :Ankita Jodhani 08/21/2023

Integration File: autoint1.e
Quant Time: Aug 18 23:56:58 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aliphatic EPH 081023.M
Quant Title : GC Extractables
QLast Update : Thu Aug 10 16:05:52 2023
Response via : Initial Calibration
Integrator: ChemStation

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





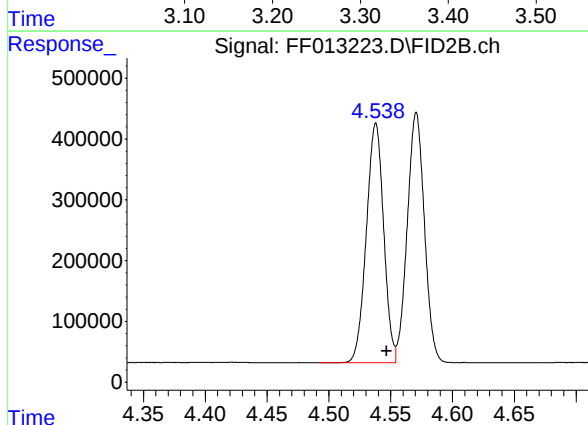
#1 n-Nonane (C9)

R.T.: 3.283 min
Delta R.T.: -0.012 min
Response: 3394695
Conc: 31.77 ug/ml

Instrument :
FID_F
ClientSampleId :
SU-04-081723-EPH-2MSD

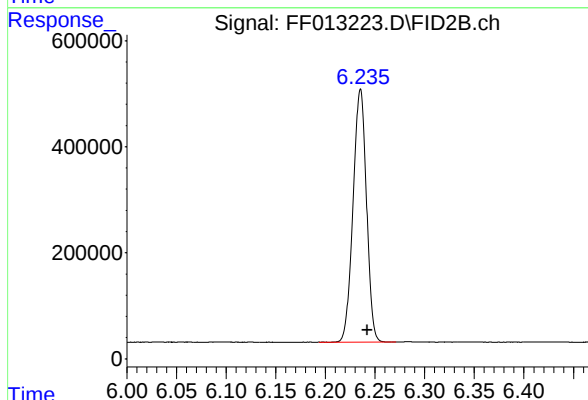
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 08/21/2023
Supervised By :Ankita Jodhani 08/21/2023



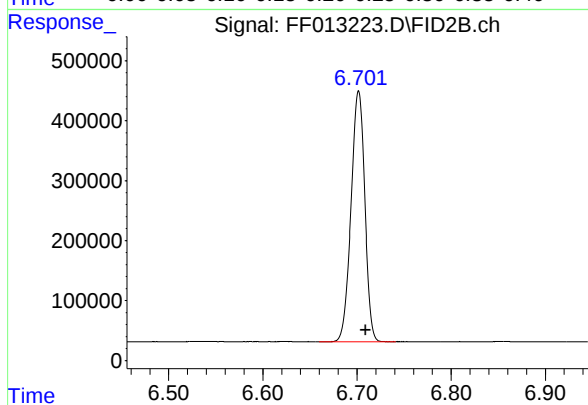
#2 n-Decane (C10)

R.T.: 4.538 min
Delta R.T.: -0.009 min
Response: 3833569
Conc: 35.77 ug/ml



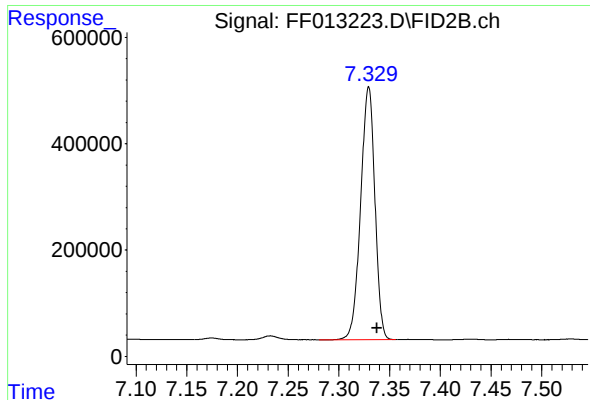
#3 A~Naphthalene (C11.7)

R.T.: 6.235 min
Delta R.T.: -0.007 min
Response: 4488428
Conc: 37.91 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.702 min
Delta R.T.: -0.008 min
Response: 4230427
Conc: 39.10 ug/ml



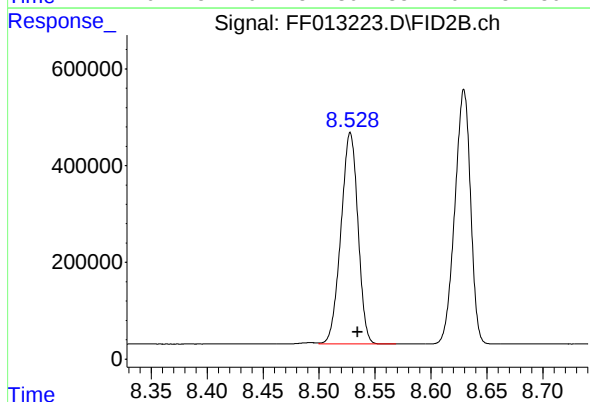
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.329 min
Delta R.T.: -0.008 min
Response: 4644558
Conc: 39.18 ug/ml

Instrument :
FID_F
ClientSampleId :
SU-04-081723-EPH-2MSD

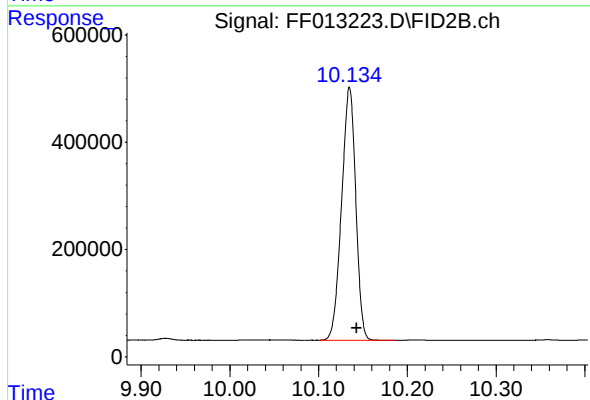
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 08/21/2023
Supervised By :Ankita Jodhani 08/21/2023



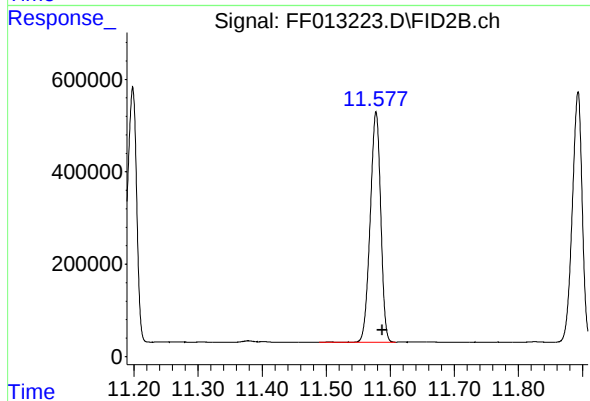
#6 n-Tetradecane (C14)

R.T.: 8.528 min
Delta R.T.: -0.006 min
Response: 4615675
Conc: 42.76 ug/ml



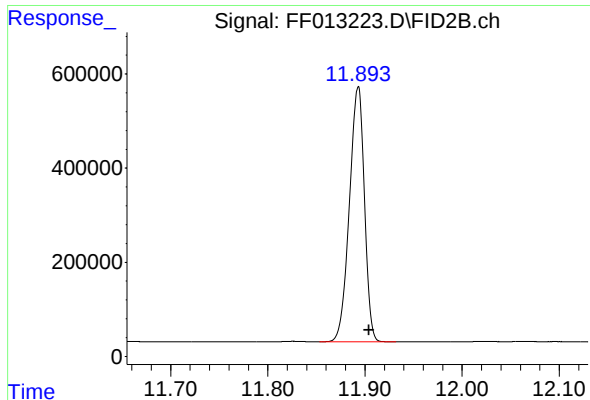
#7 n-Hexadecane (C16)

R.T.: 10.135 min
Delta R.T.: -0.008 min
Response: 5222470
Conc: 48.18 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.578 min
Delta R.T.: -0.010 min
Response: 5682745
Conc: 51.90 ug/ml



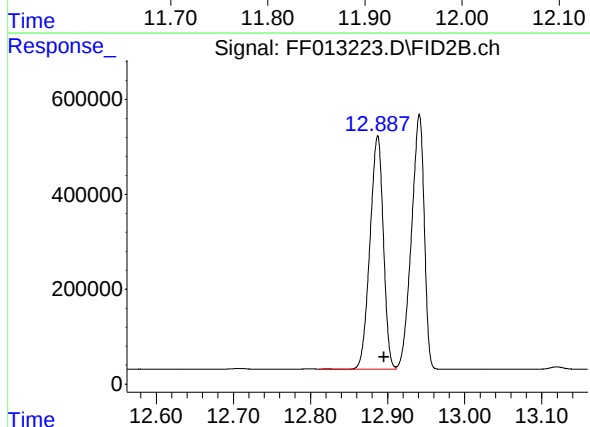
#9 ortho-Terphenyl (SURR)

R.T.: 11.893 min
Delta R.T.: -0.011 min
Response: 5788283
Conc: 42.13 ug/ml

Instrument :
FID_F
ClientSampleId :
SU-04-081723-EPH-2MSD

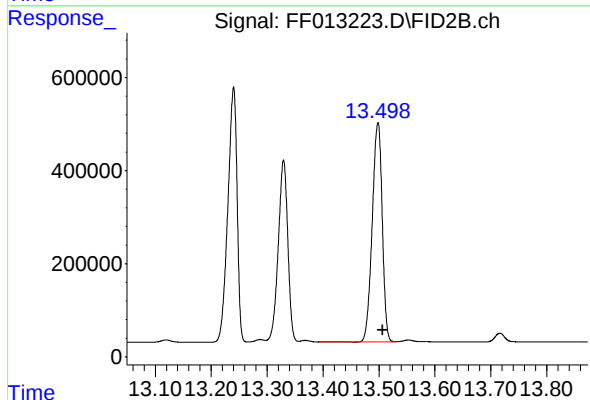
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 08/21/2023
Supervised By :Ankita Jodhani 08/21/2023



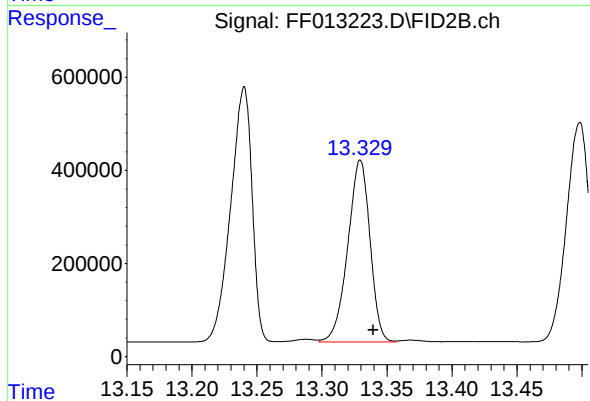
#10 n-Eicosane (C20)

R.T.: 12.887 min
Delta R.T.: -0.008 min
Response: 5951922
Conc: 54.24 ug/ml



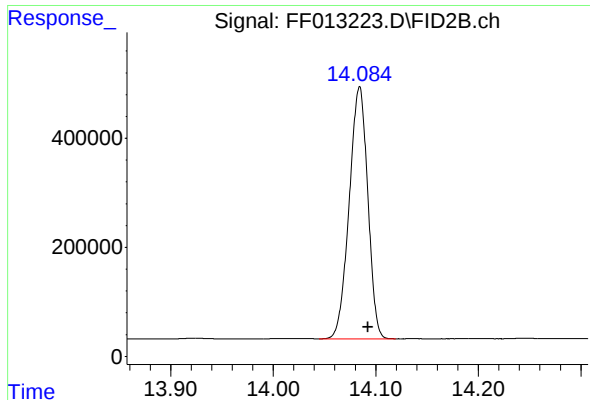
#11 n-Heneicosane (C21)

R.T.: 13.498 min
Delta R.T.: -0.008 min
Response: 5855659
Conc: 53.30 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.330 min
Delta R.T.: -0.010 min
Response: 4640235
Conc: 44.28 ug/ml



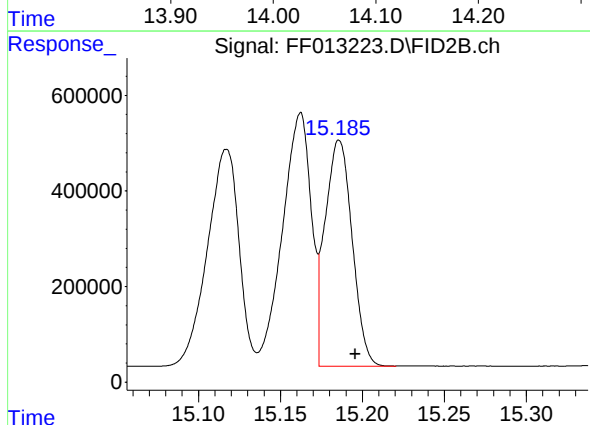
#13 n-Docosane (C22)

R.T.: 14.084 min
Delta R.T.: -0.008 min
Response: 5814965
Conc: 52.97 ug/ml

Instrument :
FID_F
ClientSampleId :
SU-04-081723-EPH-2MSD

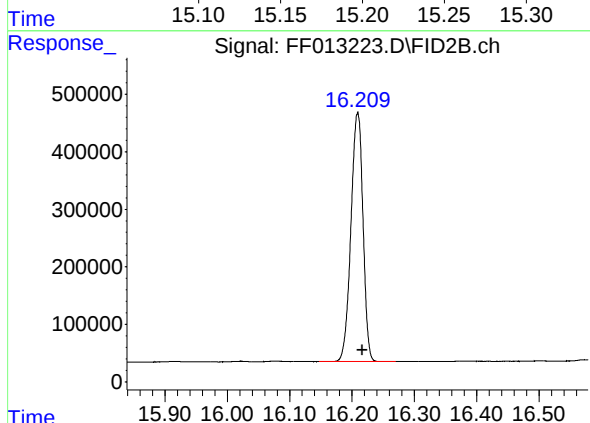
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 08/21/2023
Supervised By :Ankita Jodhani 08/21/2023



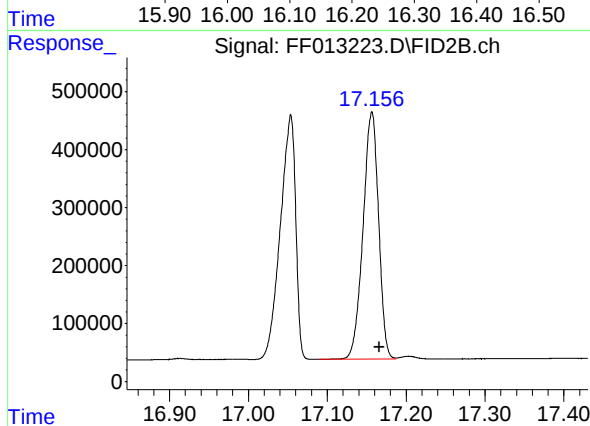
#14 n-Tetracosane (C24)

R.T.: 15.186 min
Delta R.T.: -0.010 min
Response: 5438941
Conc: 49.50 ug/ml



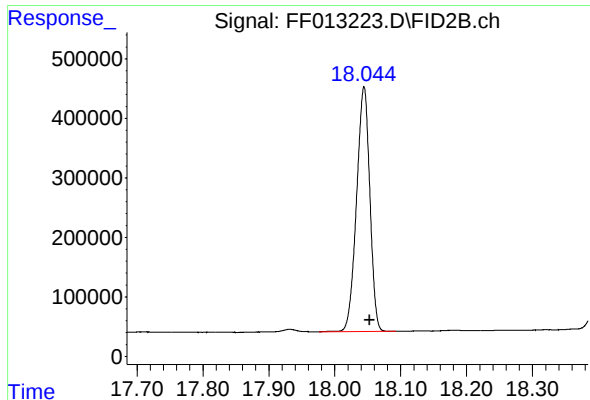
#15 n-Hexacosane (C26)

R.T.: 16.209 min
Delta R.T.: -0.007 min
Response: 5806488
Conc: 53.13 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.157 min
Delta R.T.: -0.009 min
Response: 5843504
Conc: 54.12 ug/ml



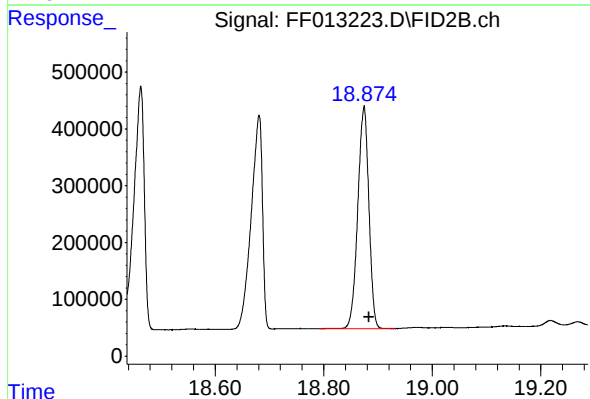
#17 n-Tricontane (C30)

R.T.: 18.044 min
Delta R.T.: -0.009 min
Response: 5764454
Conc: 52.71 ug/ml

Instrument :
FID_F
ClientSampleId :
SU-04-081723-EPH-2MSD

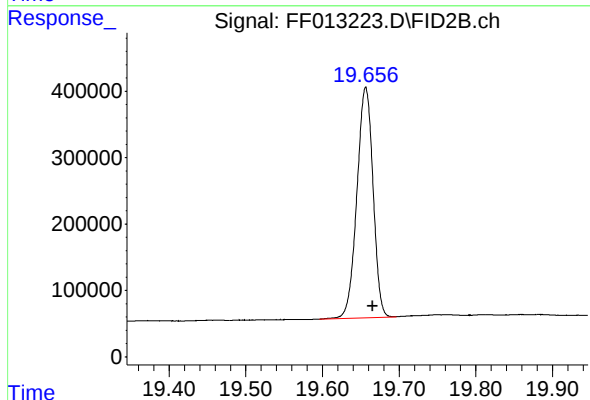
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 08/21/2023
Supervised By :Ankita Jodhani 08/21/2023



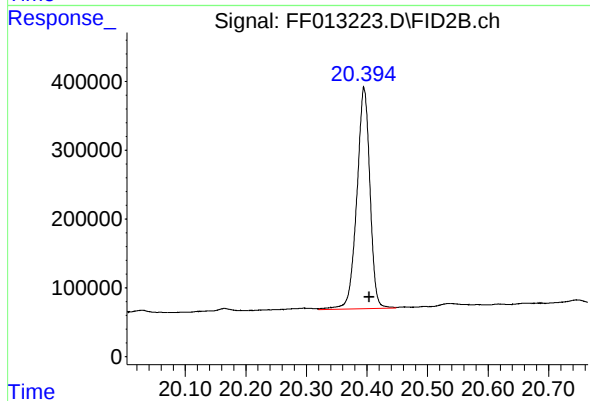
#18 n-Dotriacontane (C32)

R.T.: 18.874 min
Delta R.T.: -0.009 min
Response: 5551388
Conc: 49.15 ug/ml



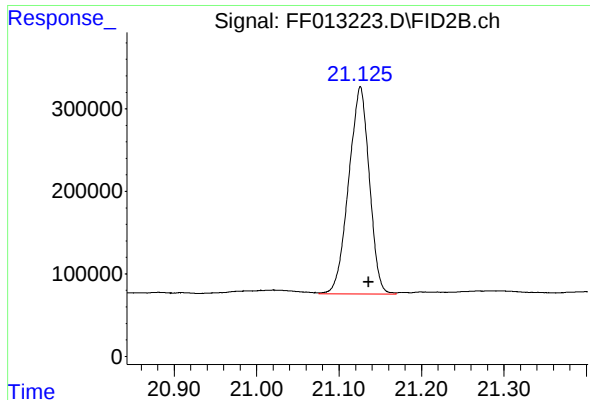
#19 n-Tetratriacontane (C34)

R.T.: 19.656 min
Delta R.T.: -0.009 min
Response: 5081748
Conc: 47.84 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 20.395 min
Delta R.T.: -0.009 min
Response: 4848211
Conc: 46.00 ug/ml



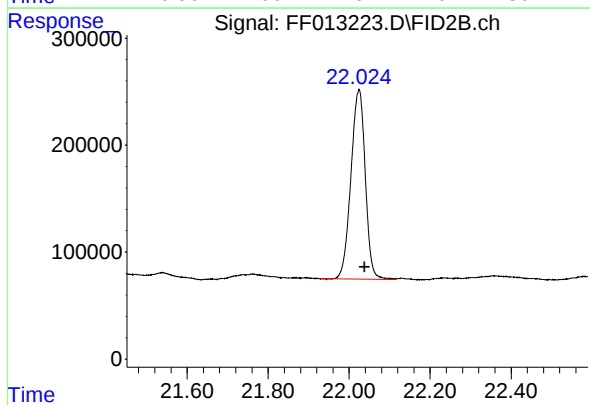
#21 n-Octatriacontane (C38)

R.T.: 21.126 min
Delta R.T.: -0.010 min
Response: 4372727
Conc: 43.29 ug/ml

Instrument : FID_F
ClientSampleId : SU-04-081723-EPH-2MSD

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 08/21/2023
Supervised By :Ankita Jodhani 08/21/2023



#22 n-Tetracontane (C40)

R.T.: 22.025 min
Delta R.T.: -0.013 min
Response: 4348540
Conc: 43.75 ug/ml