

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC032124AL\
 Data File : FC066090.D
 Signal(s) : FID1A.ch
 Acq On : 22 Mar 2024 02:27
 Operator : YP/AJ
 Sample : PB159706BSD
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 PB159706BSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 03/22/2024
 Supervised By :Ankita Jodhani 03/22/2024

Integration File: autoint1.e
 Quant Time: Mar 22 03:12:13 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 030424.M
 Quant Title : GC Extractables
 QLast Update : Mon Mar 04 13:09:51 2024
 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			
12) S 1-chlorooctadecane (S...	12.898	4943606	33.909 ug/ml
Spiked Amount 50.000		Recovery =	67.82%
Target Compounds			
1) T n-Nonane (C9)	3.276	3681590	22.036 ug/mlm
2) T n-Decane (C10)	4.336	4484181	25.855 ug/ml
4) T n-Dodecane (C12)	6.345	5234385	29.703 ug/ml
6) T n-Tetradecane (C14)	8.131	5302048	30.490 ug/ml
7) T n-Hexadecane (C16)	9.724	5780846	32.358 ug/ml
8) T n-Octadecane (C18)	11.156	6386820	35.138 ug/ml
10) T n-Eicosane (C20)	12.457	6856408	39.266 ug/ml
11) T n-Heneicosane (C21)	13.064	6823587	39.357 ug/ml
13) T n-Docosane (C22)	13.646	6867986	39.934 ug/ml
14) T n-Tetracosane (C24)	14.740	6891906	40.351 ug/ml
15) T n-Hexacosane (C26)	15.753	6954408	41.300 ug/ml
16) T n-Octacosane (C28)	16.697	6985504	42.015 ug/ml
17) T n-Tricontane (C30)	17.577	7145764	41.852 ug/ml
18) T n-Dotriacontane (C32)	18.403	7141605	42.365 ug/mlm
19) T n-Tetratriacontane (C34)	19.180	7152357	43.640 ug/mlm
20) T n-Hexatriacontane (C36)	19.914	6963179	43.794 ug/mlm
21) T n-Octatriacontane (C38)	20.625	6954399	44.398 ug/ml
22) T n-Tetracontane (C40)	21.480	6828887	43.183 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC032124AL\
Data File : FC066090.D
Signal(s) : FID1A.ch
Acq On : 22 Mar 2024 02:27
Operator : YP/AJ
Sample : PB159706BSD
Misc :
ALS Vial : 18 Sample Multiplier: 1

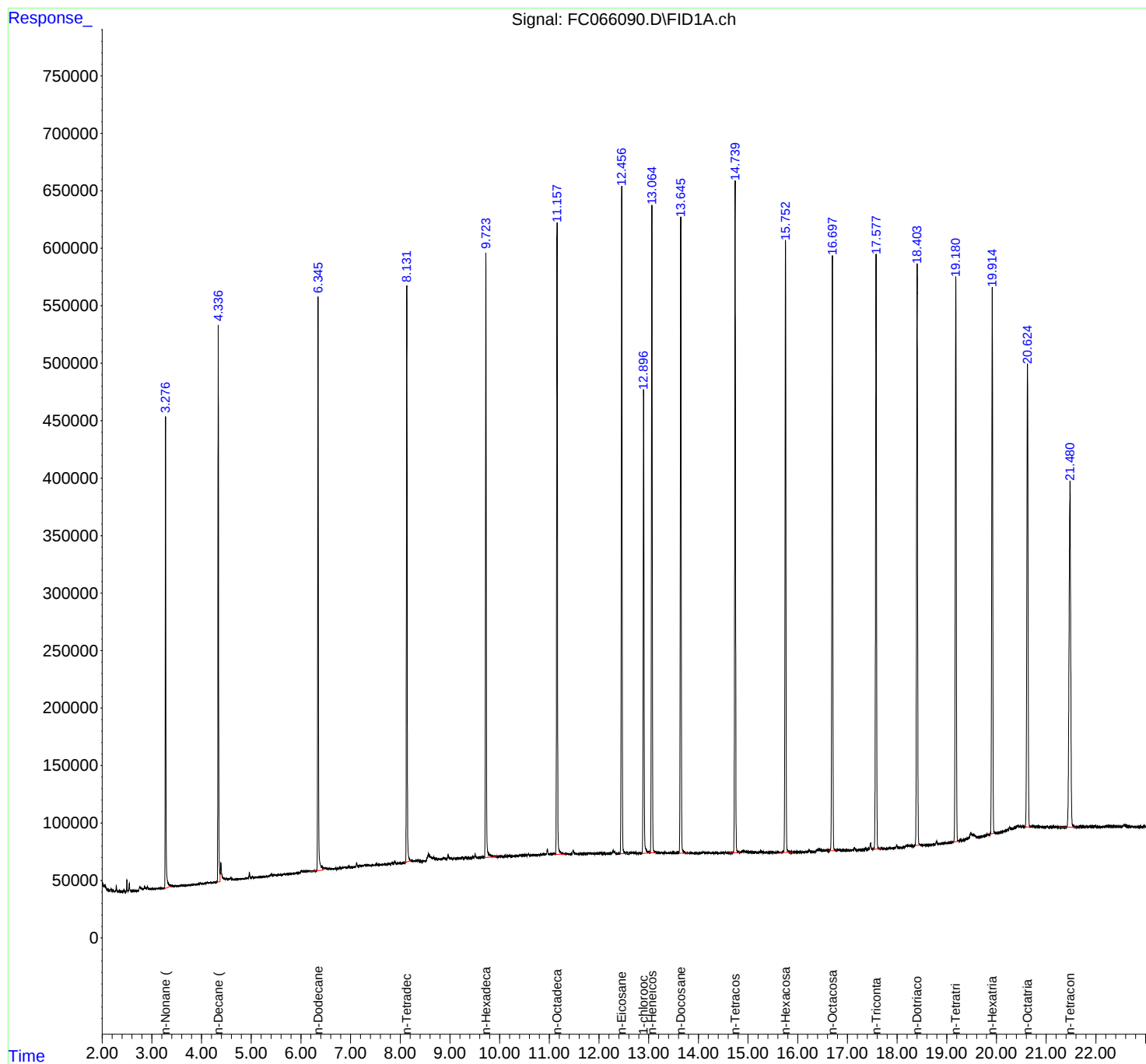
Instrument :
FID_C
ClientSampleId :
PB159706BSD

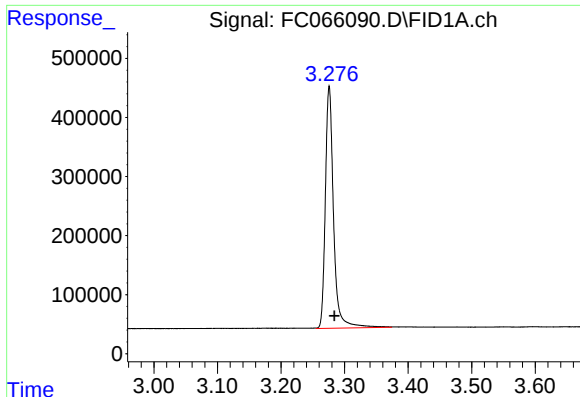
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 03/22/2024
Supervised By :Ankita Jodhani 03/22/2024

Integration File: autoint1.e
Quant Time: Mar 22 03:12:13 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 030424.M
Quant Title : GC Extractables
QLast Update : Mon Mar 04 13:09:51 2024
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.: 3.276 min
Delta R.T.: -0.008 min
Response: 3681590
Conc: 22.04 ug/ml

Instrument :

FID_C

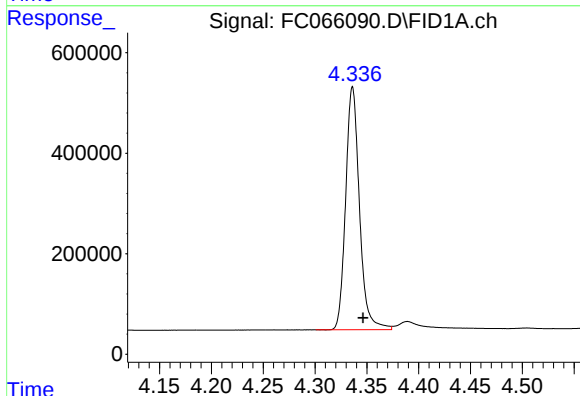
ClientSampleId :

PB159706BSD

Manual Integrations

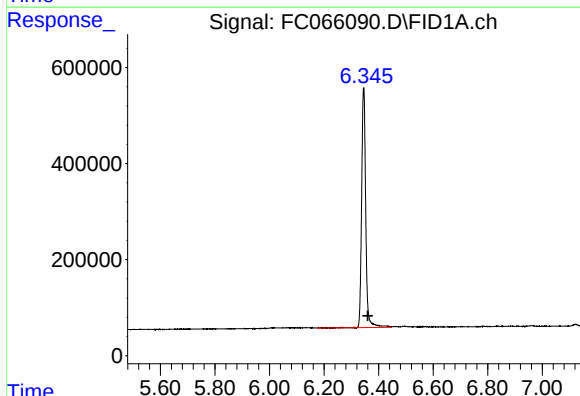
APPROVED

Reviewed By :Yogesh Patel 03/22/2024
Supervised By :Ankita Jodhani 03/22/2024



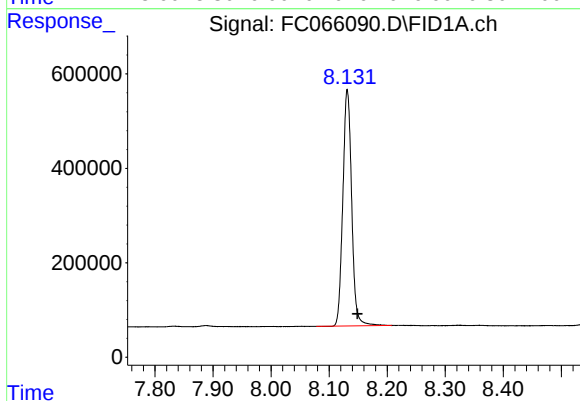
#2 n-Decane (C10)

R.T.: 4.336 min
Delta R.T.: -0.010 min
Response: 4484181
Conc: 25.86 ug/ml



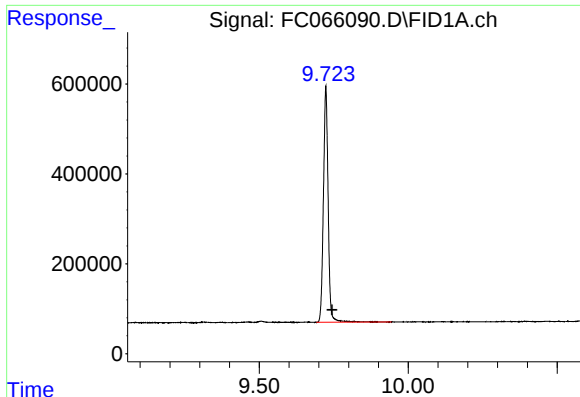
#4 n-Dodecane (C12)

R.T.: 6.345 min
Delta R.T.: -0.015 min
Response: 5234385
Conc: 29.70 ug/ml



#6 n-Tetradecane (C14)

R.T.: 8.131 min
Delta R.T.: -0.017 min
Response: 5302048
Conc: 30.49 ug/ml



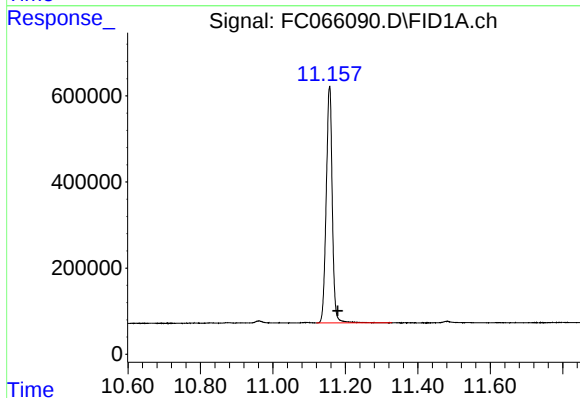
#7 n-Hexadecane (C16)

R.T.: 9.724 min
Delta R.T.: -0.020 min
Response: 5780846
Conc: 32.36 ug/ml

Instrument :
FID_C
ClientSampleId :
PB159706BSD

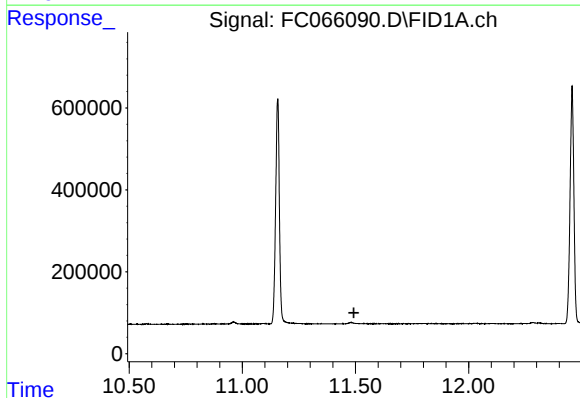
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 03/22/2024
Supervised By :Ankita Jodhani 03/22/2024



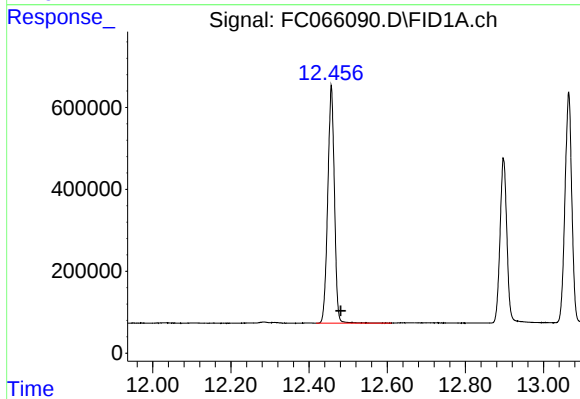
#8 n-Octadecane (C18)

R.T.: 11.156 min
Delta R.T.: -0.023 min
Response: 6386820
Conc: 35.14 ug/ml



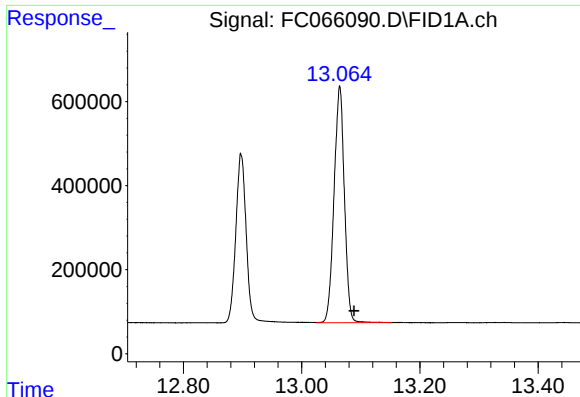
#9 ortho-Terphenyl (SURR)

R.T.: 0.000 min
Exp R.T. : 11.493 min
Response: 0
Conc: N.D.



#10 n-Eicosane (C20)

R.T.: 12.457 min
Delta R.T.: -0.024 min
Response: 6856408
Conc: 39.27 ug/ml



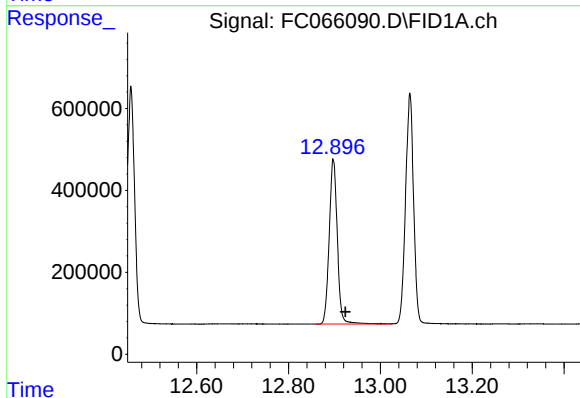
#11 n-Heneicosane (C21)

R.T.: 13.064 min
Delta R.T.: -0.024 min
Response: 6823587
Conc: 39.36 ug/ml

Instrument :
FID_C
ClientSampleId :
PB159706BSD

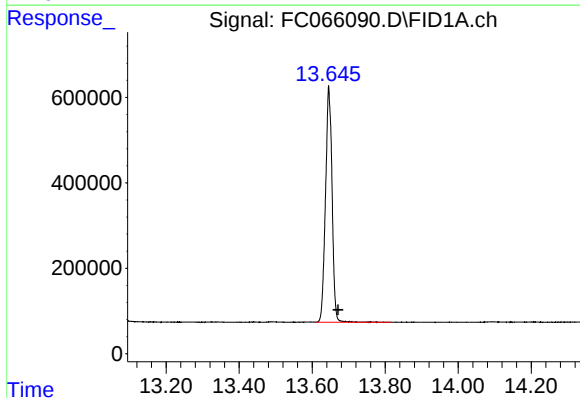
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 03/22/2024
Supervised By :Ankita Jodhani 03/22/2024



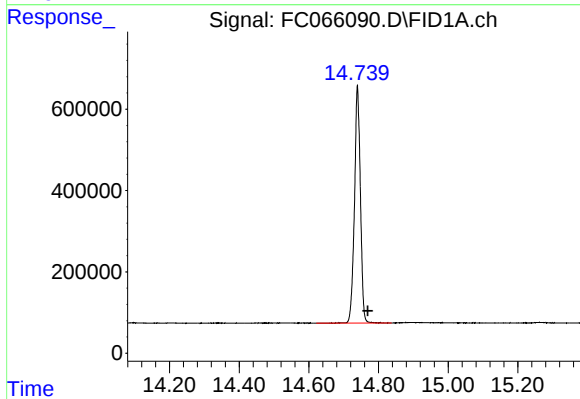
#12 1-chlorooctadecane (SURR)

R.T.: 12.898 min
Delta R.T.: -0.026 min
Response: 4943606
Conc: 33.91 ug/ml



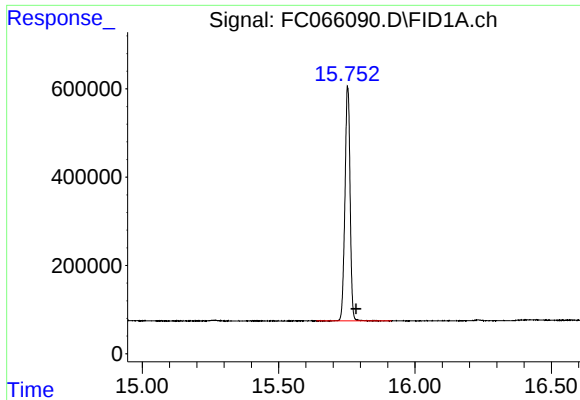
#13 n-Docosane (C22)

R.T.: 13.646 min
Delta R.T.: -0.026 min
Response: 6867986
Conc: 39.93 ug/ml



#14 n-Tetracosane (C24)

R.T.: 14.740 min
Delta R.T.: -0.029 min
Response: 6891906
Conc: 40.35 ug/ml



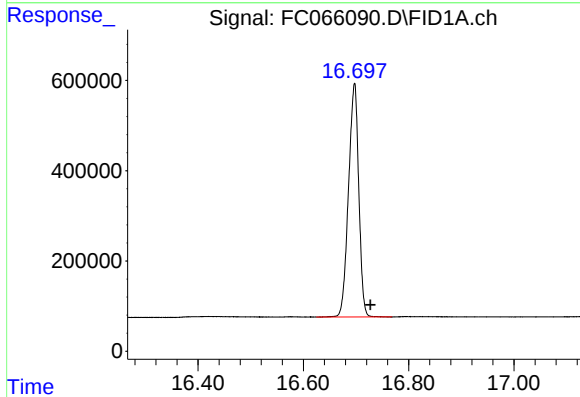
#15 n-Hexacosane (C26)

R.T.: 15.753 min
Delta R.T.: -0.031 min
Response: 6954408
Conc: 41.30 ug/ml

Instrument :
FID_C
ClientSampleId :
PB159706BSD

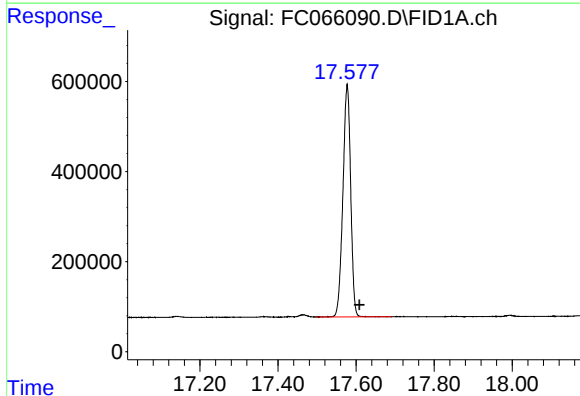
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 03/22/2024
Supervised By :Ankita Jodhani 03/22/2024



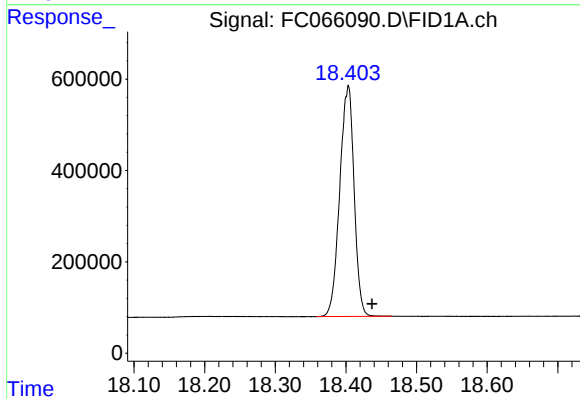
#16 n-Octacosane (C28)

R.T.: 16.697 min
Delta R.T.: -0.030 min
Response: 6985504
Conc: 42.02 ug/ml



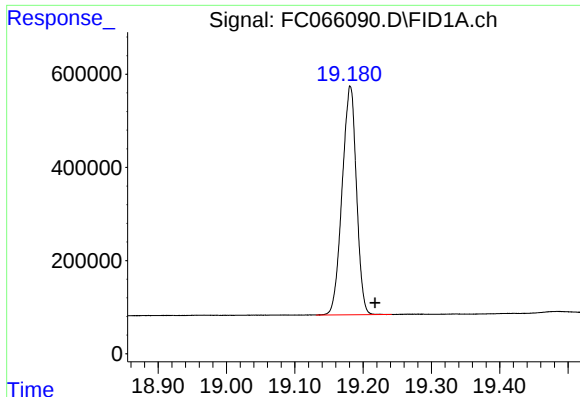
#17 n-Tricontane (C30)

R.T.: 17.577 min
Delta R.T.: -0.032 min
Response: 7145764
Conc: 41.85 ug/ml



#18 n-Dotriacontane (C32)

R.T.: 18.403 min
Delta R.T.: -0.034 min
Response: 7141605
Conc: 42.36 ug/ml m



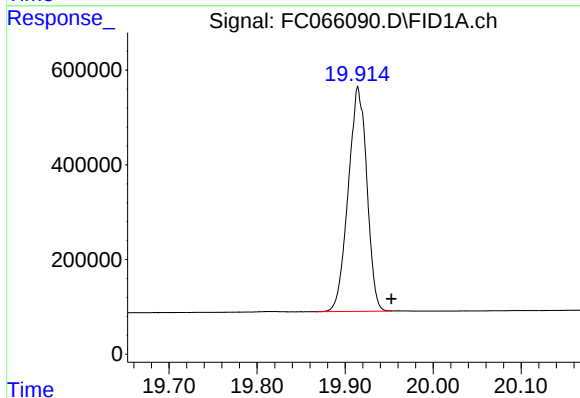
#19 n-Tetratriacontane (C34)

R.T.: 19.180 min
Delta R.T.: -0.037 min
Response: 7152357
Conc: 43.64 ug/ml

Instrument :
FID_C
ClientSampleId :
PB159706BSD

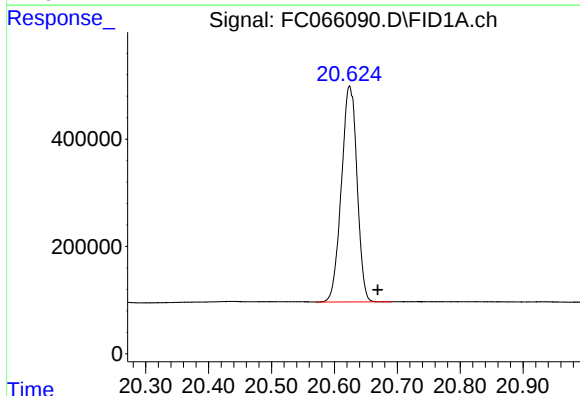
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 03/22/2024
Supervised By :Ankita Jodhani 03/22/2024



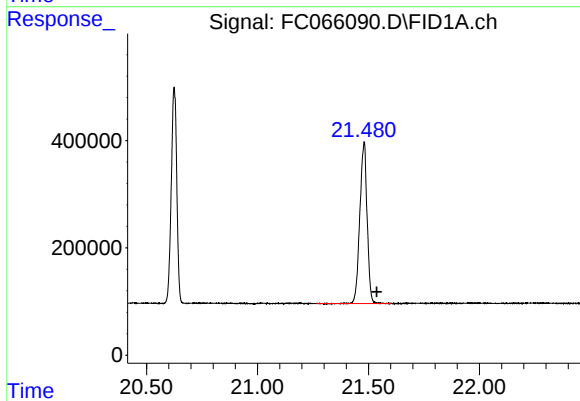
#20 n-Hexatriacontane (C36)

R.T.: 19.914 min
Delta R.T.: -0.039 min
Response: 6963179
Conc: 43.79 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 20.625 min
Delta R.T.: -0.044 min
Response: 6954399
Conc: 44.40 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.480 min
Delta R.T.: -0.057 min
Response: 6828887
Conc: 43.18 ug/ml