

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC032124AL\
 Data File : FC066093.D
 Signal(s) : FID1A.ch
 Acq On : 22 Mar 2024 04:18
 Operator : YP/AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

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 04:51:50 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			
9) S ortho-Terphenyl (SURR)	11.469	3791730	19.402 ug/ml
Spiked Amount 50.000		Recovery =	38.80%
12) S 1-chlorooctadecane (S...	12.897	2827537	19.395 ug/ml
Spiked Amount 50.000		Recovery =	38.79%
Target Compounds			
1) T n-Nonane (C9)	3.275	3207930	19.201 ug/ml
2) T n-Decane (C10)	4.335	3337362	19.243 ug/ml
3) T A~Naphthalene (C11.7)	5.923	3582315	19.962 ug/ml
4) T n-Dodecane (C12)	6.344	3442868	19.537 ug/ml
5) T A~2-methylnaphthalene...	6.977	3220810	18.908 ug/ml
6) T n-Tetradecane (C14)	8.131	3314061	19.058 ug/ml
7) T n-Hexadecane (C16)	9.722	3392492	18.990 ug/ml
8) T n-Octadecane (C18)	11.155	3452800	18.996 ug/ml
10) T n-Eicosane (C20)	12.455	3336812	19.110 ug/ml
11) T n-Heneicosane (C21)	13.062	3333287	19.226 ug/ml
13) T n-Docosane (C22)	13.644	3401461	19.778 ug/ml
14) T n-Tetracosane (C24)	14.738	3478276	20.365 ug/ml
15) T n-Hexacosane (C26)	15.751	3503029	20.803 ug/ml
16) T n-Octacosane (C28)	16.694	3590025	21.593 ug/ml
17) T n-Tricontane (C30)	17.575	3754652	21.990 ug/ml
18) T n-Dotriacontane (C32)	18.399	3693413	21.910 ug/mlm
19) T n-Tetratriacontane (C34)	19.178	3480117	21.234 ug/ml
20) T n-Hexatriacontane (C36)	19.912	3241841	20.389 ug/mlm
21) T n-Octatriacontane (C38)	20.621	3147319	20.093 ug/ml
22) T n-Tetracontane (C40)	21.474	3052025	19.300 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC032124AL\
Data File : FC066093.D
Signal(s) : FID1A.ch
Acq On : 22 Mar 2024 04:18
Operator : YP/AJ
Sample : 20 PPM ALIPHATIC HC STD
Misc :
ALS Vial : 2 Sample Multiplier: 1

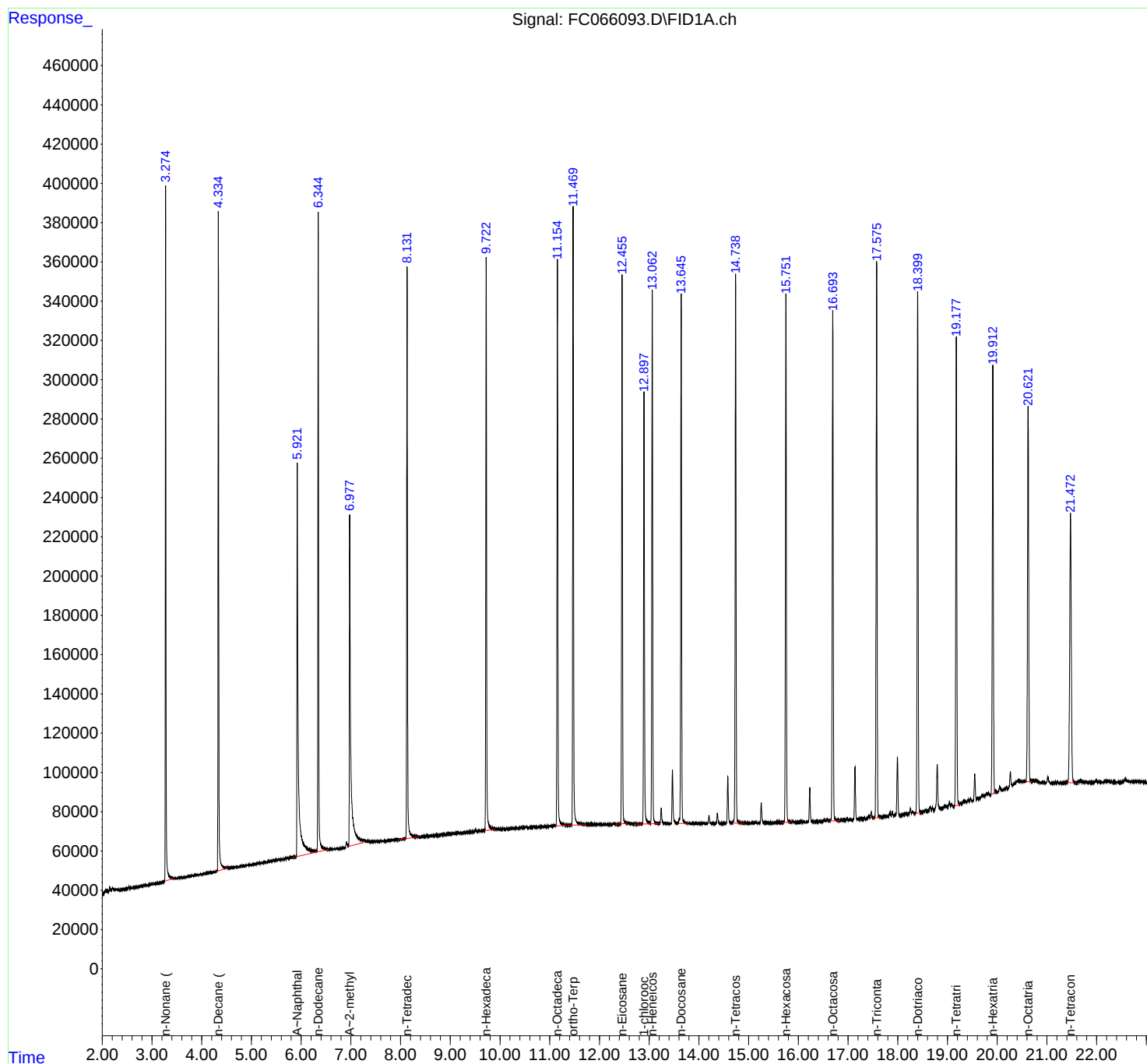
Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD

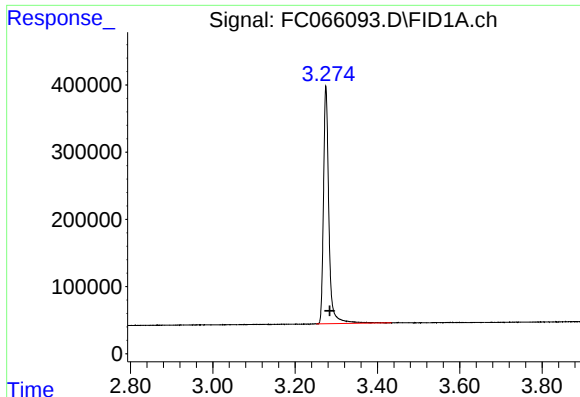
Manual Integrations
APPROVED

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

Integration File: autoint1.e
Quant Time: Mar 22 04:51:50 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





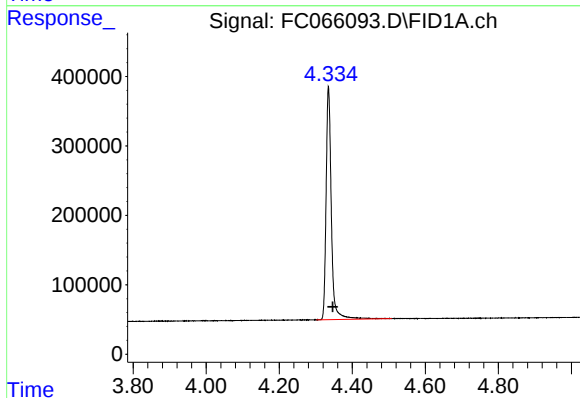
#1 n-Nonane (C9)

R.T.: 3.275 min
Delta R.T.: -0.009 min
Response: 3207930
Conc: 19.20 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD

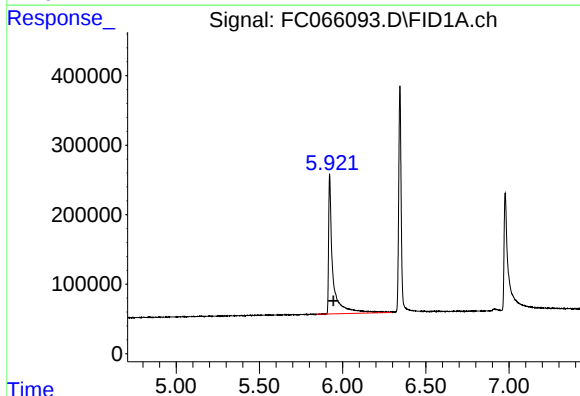
Manual Integrations
APPROVED

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



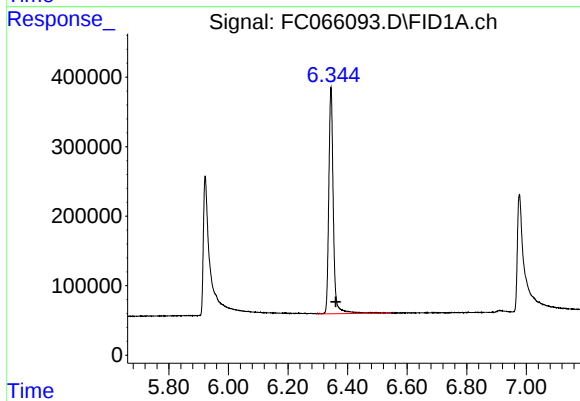
#2 n-Decane (C10)

R.T.: 4.335 min
Delta R.T.: -0.011 min
Response: 3337362
Conc: 19.24 ug/ml



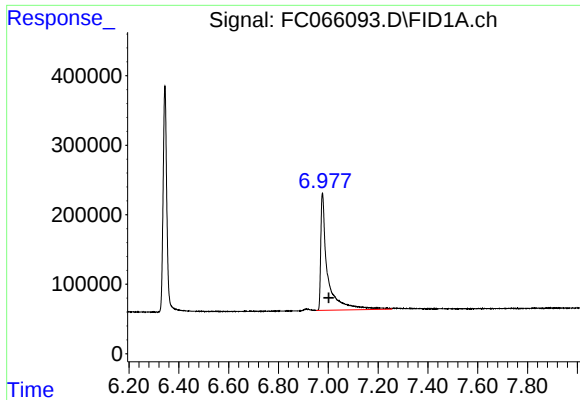
#3 A~Naphthalene (C11.7)

R.T.: 5.923 min
Delta R.T.: -0.022 min
Response: 3582315
Conc: 19.96 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.344 min
Delta R.T.: -0.016 min
Response: 3442868
Conc: 19.54 ug/ml



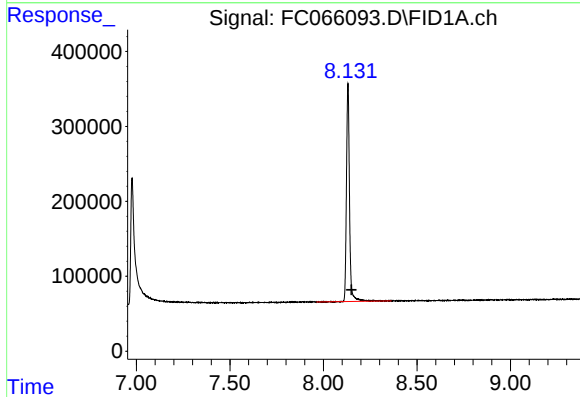
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.977 min
Delta R.T.: -0.025 min
Response: 3220810
Conc: 18.91 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD

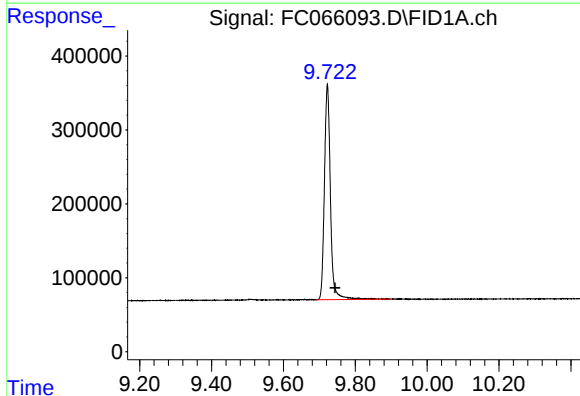
Manual Integrations
APPROVED

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



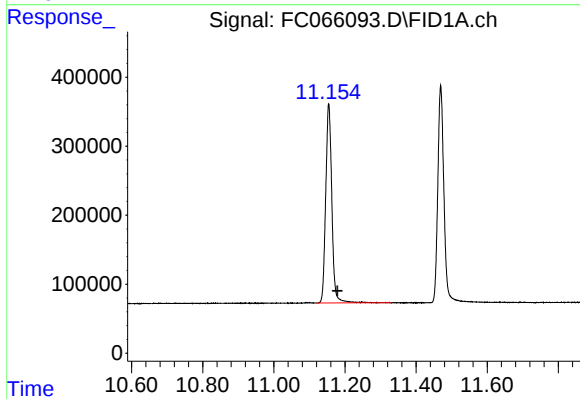
#6 n-Tetradecane (C14)

R.T.: 8.131 min
Delta R.T.: -0.018 min
Response: 3314061
Conc: 19.06 ug/ml



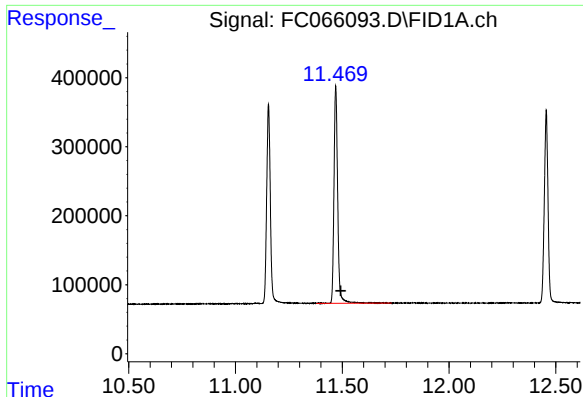
#7 n-Hexadecane (C16)

R.T.: 9.722 min
Delta R.T.: -0.021 min
Response: 3392492
Conc: 18.99 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.155 min
Delta R.T.: -0.024 min
Response: 3452800
Conc: 19.00 ug/ml



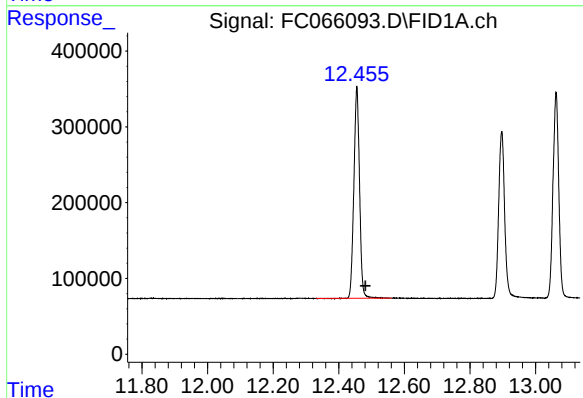
#9 ortho-Terphenyl (SURR)

R.T.: 11.469 min
Delta R.T.: -0.024 min
Response: 3791730
Conc: 19.40 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD

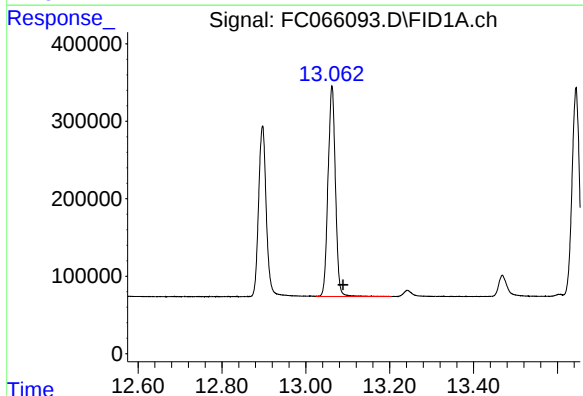
Manual Integrations
APPROVED

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



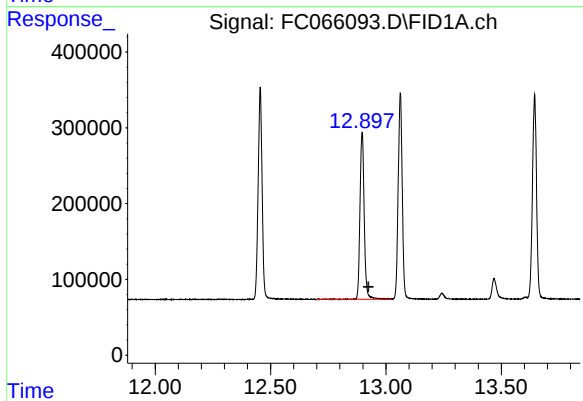
#10 n-Eicosane (C20)

R.T.: 12.455 min
Delta R.T.: -0.026 min
Response: 3336812
Conc: 19.11 ug/ml



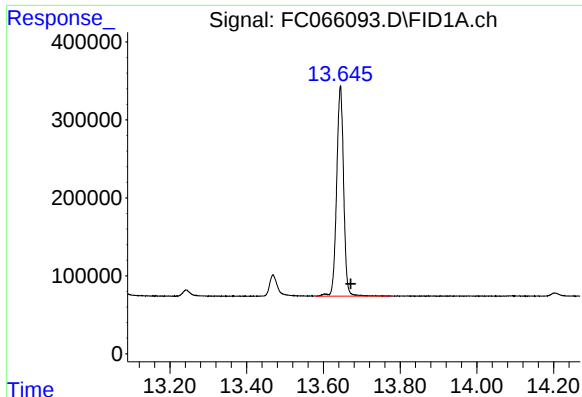
#11 n-Heneicosane (C21)

R.T.: 13.062 min
Delta R.T.: -0.026 min
Response: 3333287
Conc: 19.23 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.897 min
Delta R.T.: -0.027 min
Response: 2827537
Conc: 19.39 ug/ml



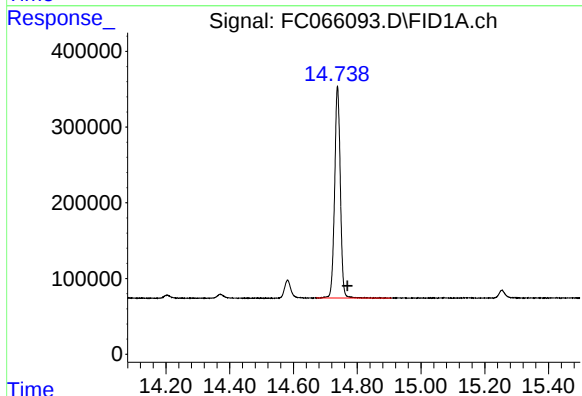
#13 n-Docosane (C22)

R.T.: 13.644 min
Delta R.T.: -0.027 min
Response: 3401461
Conc: 19.78 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD

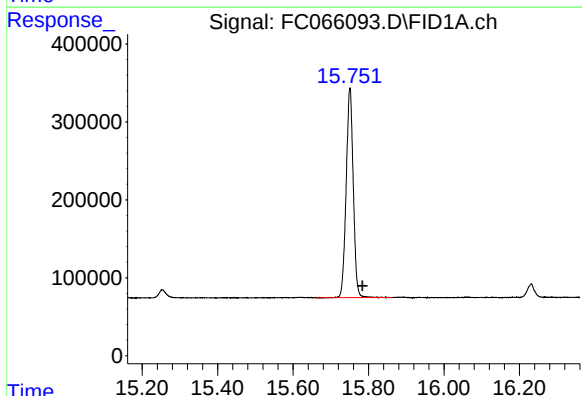
Manual Integrations
APPROVED

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



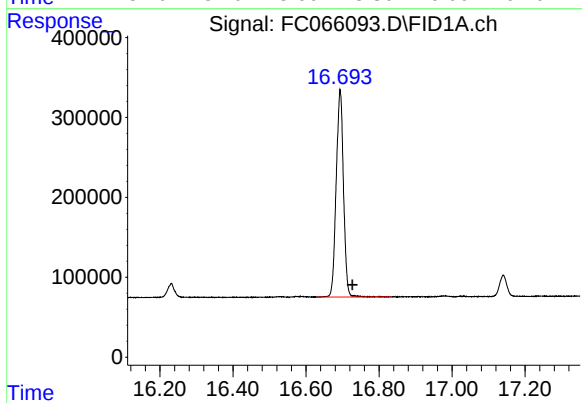
#14 n-Tetracosane (C24)

R.T.: 14.738 min
Delta R.T.: -0.031 min
Response: 3478276
Conc: 20.36 ug/ml



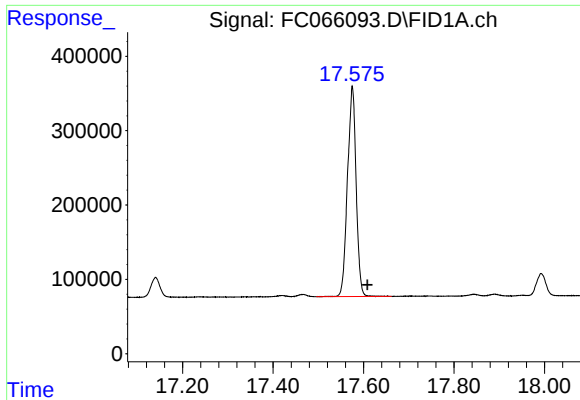
#15 n-Hexacosane (C26)

R.T.: 15.751 min
Delta R.T.: -0.034 min
Response: 3503029
Conc: 20.80 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.694 min
Delta R.T.: -0.034 min
Response: 3590025
Conc: 21.59 ug/ml



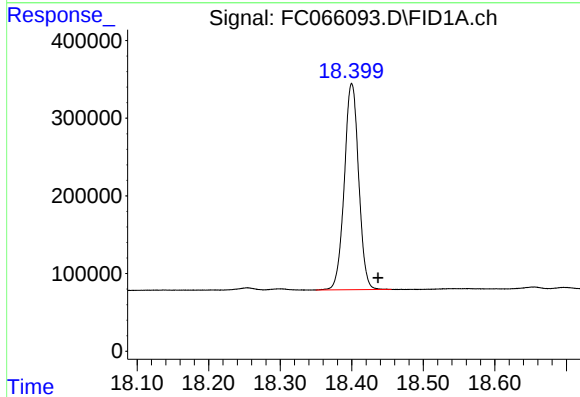
#17 n-Tricontane (C30)

R.T.: 17.575 min
Delta R.T.: -0.033 min
Response: 3754652
Conc: 21.99 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD

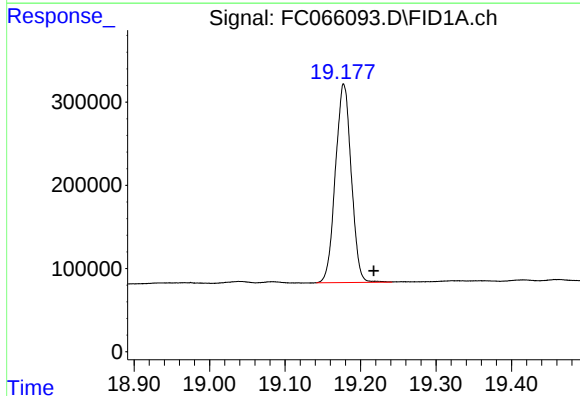
Manual Integrations
APPROVED

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



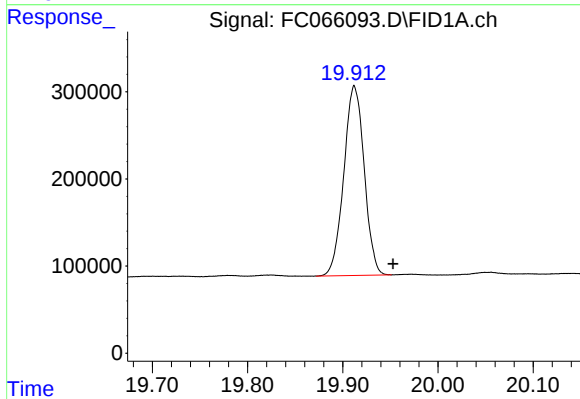
#18 n-Dotriacontane (C32)

R.T.: 18.399 min
Delta R.T.: -0.037 min
Response: 3693413
Conc: 21.91 ug/ml m



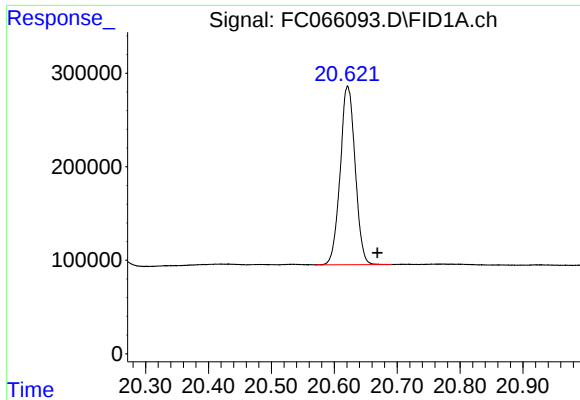
#19 n-Tetratriacontane (C34)

R.T.: 19.178 min
Delta R.T.: -0.040 min
Response: 3480117
Conc: 21.23 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 19.912 min
Delta R.T.: -0.041 min
Response: 3241841
Conc: 20.39 ug/ml m



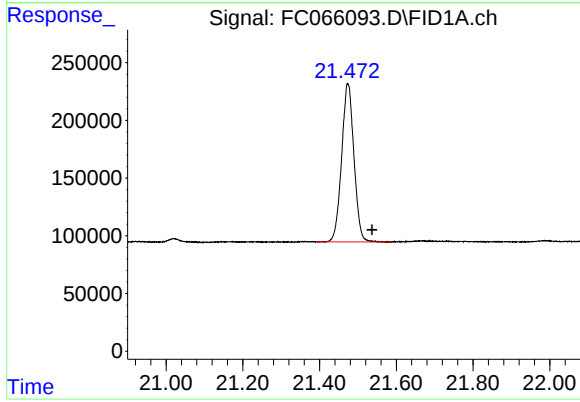
#21 n-Octatriacontane (C38)

R.T.: 20.621 min
Delta R.T.: -0.047 min
Response: 3147319
Conc: 20.09 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD

Manual Integrations
APPROVED

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



#22 n-Tetracontane (C40)

R.T.: 21.474 min
Delta R.T.: -0.063 min
Response: 3052025
Conc: 19.30 ug/ml