

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE062524AL\
 Data File : FE048889.D
 Signal(s) : FID1B.ch
 Acq On : 25 Jun 2024 19:29
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/26/2024
 Supervised By :Ankita Jodhani 06/26/2024

Integration File: sample.E
 Quant Time: Jun 26 01:31:53 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 062124.M
 Quant Title : GC Extractables
 QLast Update : Thu Jun 20 17:53:58 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)	11.935	3123370	18.679 ug/ml
Spiked Amount 50.000		Recovery =	37.36%
12) S 1-chlorooctadecane (S...	13.369	2401736	18.678 ug/ml
Spiked Amount 50.000		Recovery =	37.36%
Target Compounds			
1) T n-Nonane (C9)	3.322	2979842	19.820 ug/ml
2) T n-Decane (C10)	4.571	3038664	19.746 ug/ml
3) T A~Naphthalene (C11.7)	6.277	3099346	19.523 ug/ml
4) T n-Dodecane (C12)	6.736	3021563	19.573 ug/ml
5) T A~2-methylnaphthalene...	7.373	2955482	19.516 ug/ml
6) T n-Tetradecane (C14)	8.564	2972658	19.396 ug/ml
7) T n-Hexadecane (C16)	10.171	3033871	19.403 ug/ml
8) T n-Octadecane (C18)	11.614	3051615	19.134 ug/ml
10) T n-Eicosane (C20)	12.923	2917760	18.820 ug/ml
11) T n-Heneicosane (C21)	13.535	2861262	18.791 ug/ml
13) T n-Docosane (C22)	14.121	2825574	18.684 ug/ml
14) T n-Tetracosane (C24)	15.224	2790971	18.572 ug/ml
15) T n-Hexacosane (C26)	16.244	2733183	18.513 ug/ml
16) T n-Octacosane (C28)	17.193	2696923	18.701 ug/ml
17) T n-Tricontane (C30)	18.080	2782255	19.018 ug/ml
18) T n-Dotriacontane (C32)	18.913	2779396	19.439 ug/ml
19) T n-Tetratriacontane (C34)	19.695	2774558	20.052 ug/mlm
20) T n-Hexatriacontane (C36)	20.435	2615656	20.126 ug/ml
21) T n-Octatriacontane (C38)	21.171	2534037	19.767 ug/ml
22) T n-Tetracontane (C40)	22.084	2612691	21.335 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE062524AL\
Data File : FE048889.D
Signal(s) : FID1B.ch
Acq On : 25 Jun 2024 19:29
Operator : YP\AJ
Sample : 20 PPM ALIPHATIC HC STD
Misc :
ALS Vial : 6 Sample Multiplier: 1

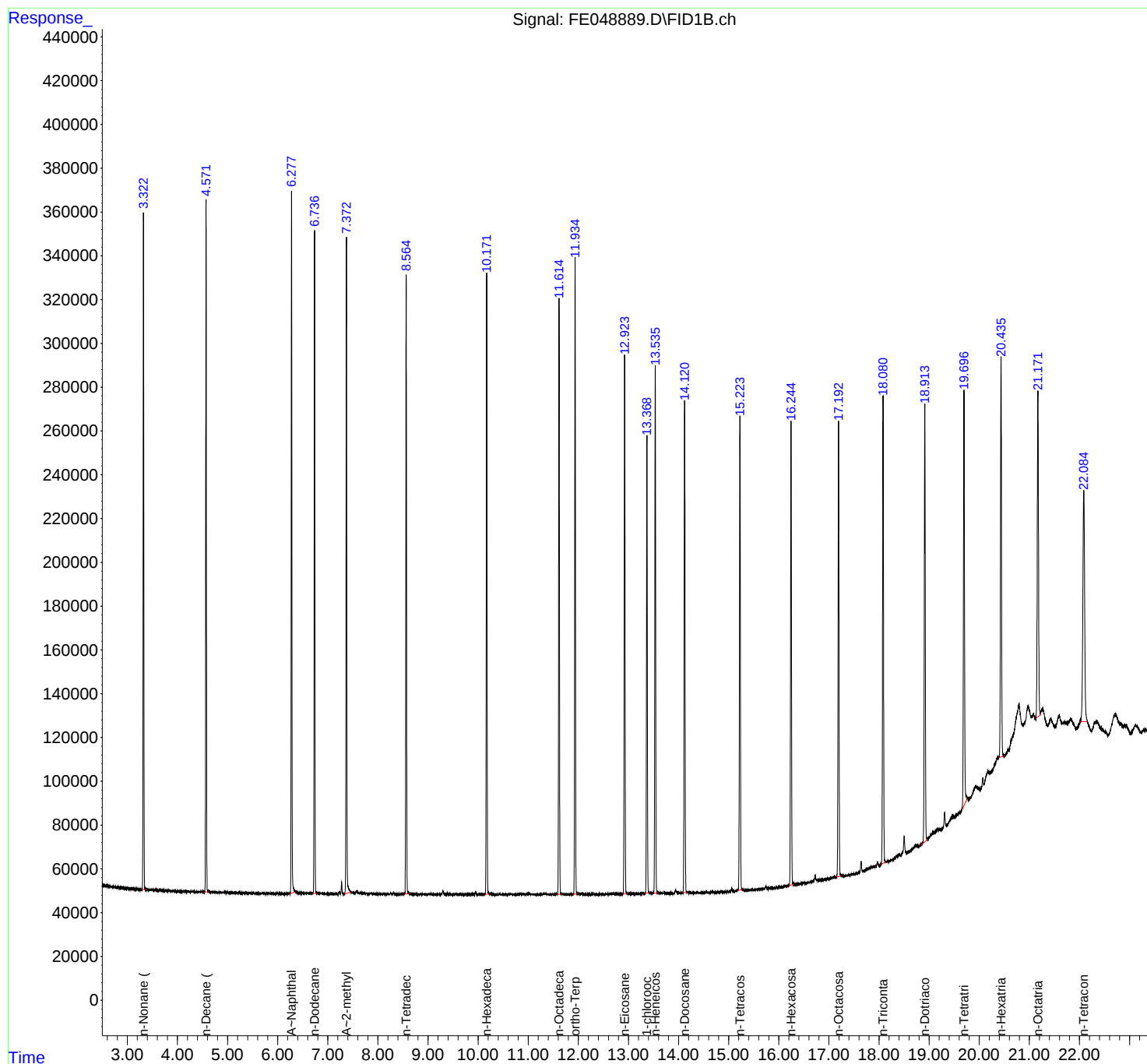
Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD

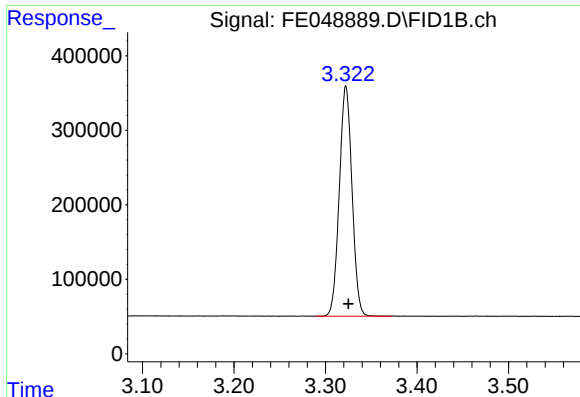
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 06/26/2024
Supervised By :Ankita Jodhani 06/26/2024

Integration File: sample.E
Quant Time: Jun 26 01:31:53 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 062124.M
Quant Title : GC Extractables
QLast Update : Thu Jun 20 17:53:58 2024
Response via : Initial Calibration
Integrator: ChemStation

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





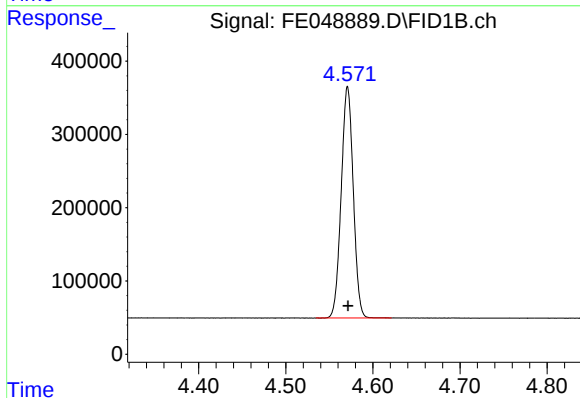
#1 n-Nonane (C9)

R.T.: 3.322 min
Delta R.T.: -0.003 min
Response: 2979842
Conc: 19.82 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD

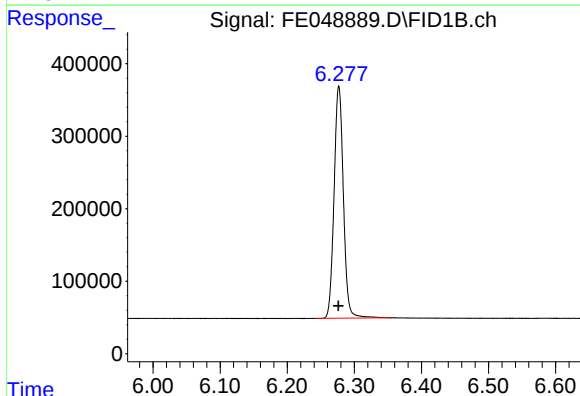
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 06/26/2024
Supervised By :Ankita Jodhani 06/26/2024



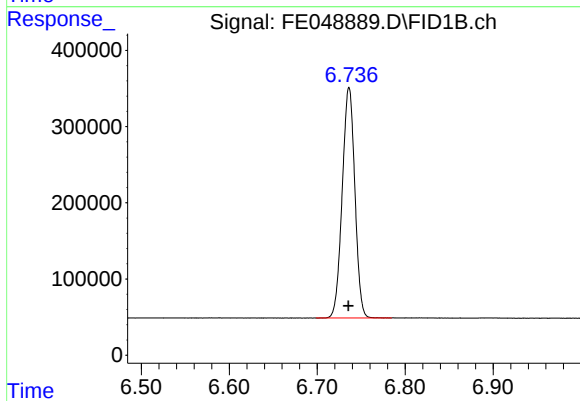
#2 n-Decane (C10)

R.T.: 4.571 min
Delta R.T.: 0.000 min
Response: 3038664
Conc: 19.75 ug/ml



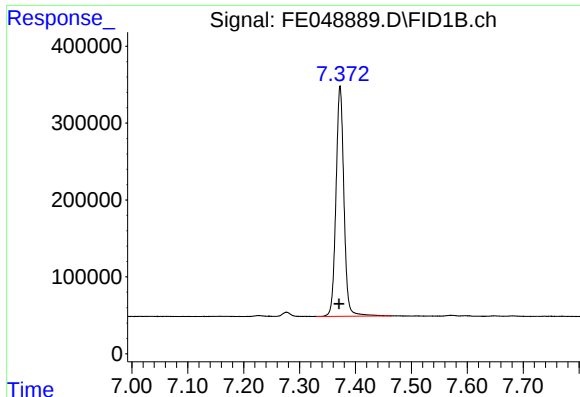
#3 A~Naphthalene (C11.7)

R.T.: 6.277 min
Delta R.T.: 0.000 min
Response: 3099346
Conc: 19.52 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.736 min
Delta R.T.: 0.000 min
Response: 3021563
Conc: 19.57 ug/ml



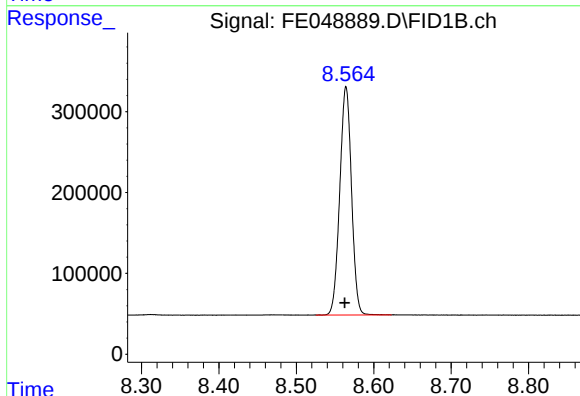
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.373 min
Delta R.T.: 0.002 min
Response: 2955482
Conc: 19.52 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD

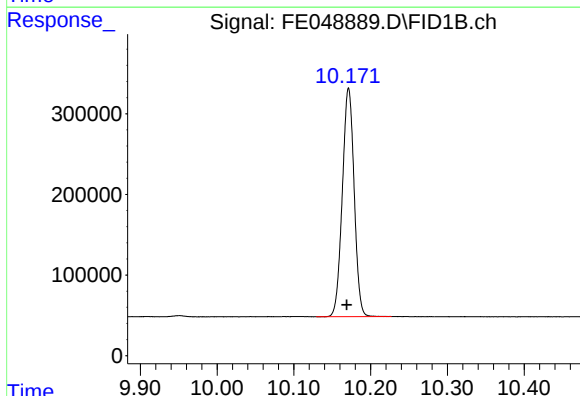
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 06/26/2024
Supervised By :Ankita Jodhani 06/26/2024



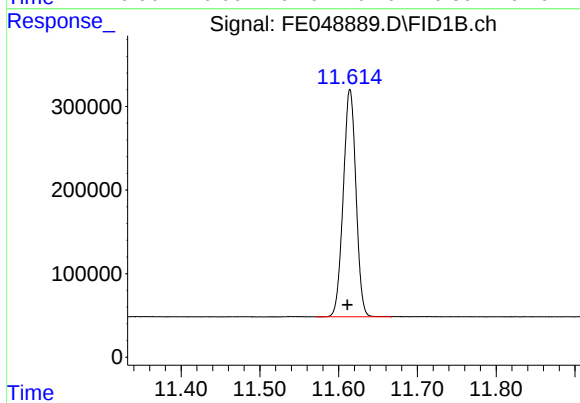
#6 n-Tetradecane (C14)

R.T.: 8.564 min
Delta R.T.: 0.002 min
Response: 2972658
Conc: 19.40 ug/ml



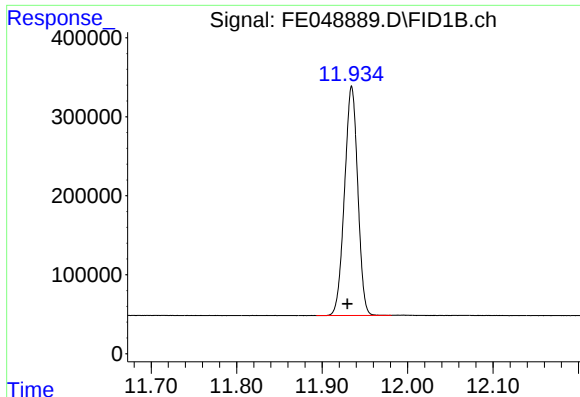
#7 n-Hexadecane (C16)

R.T.: 10.171 min
Delta R.T.: 0.003 min
Response: 3033871
Conc: 19.40 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.614 min
Delta R.T.: 0.003 min
Response: 3051615
Conc: 19.13 ug/ml



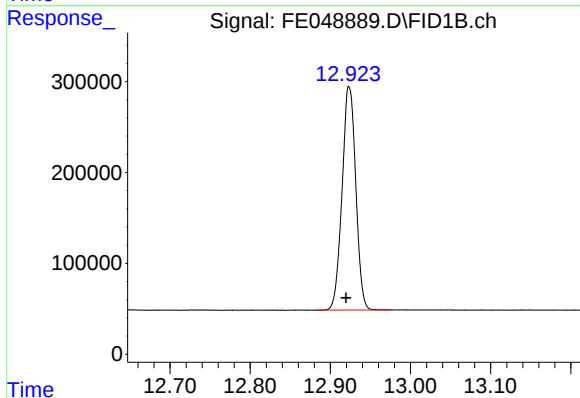
#9 ortho-Terphenyl (SURR)

R.T.: 11.935 min
Delta R.T.: 0.005 min
Response: 3123370
Conc: 18.68 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD

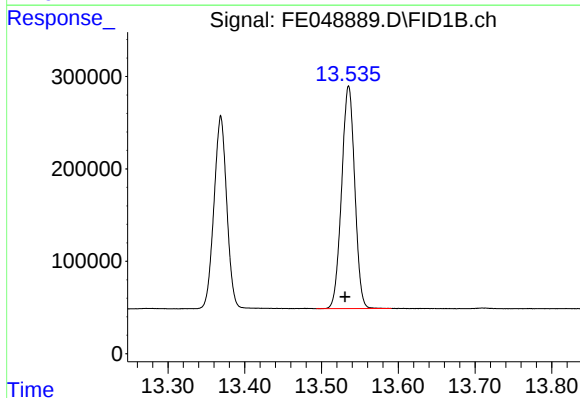
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 06/26/2024
Supervised By :Ankita Jodhani 06/26/2024



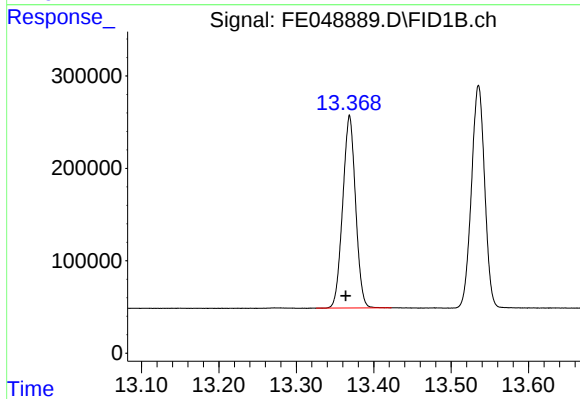
#10 n-Eicosane (C20)

R.T.: 12.923 min
Delta R.T.: 0.004 min
Response: 2917760
Conc: 18.82 ug/ml



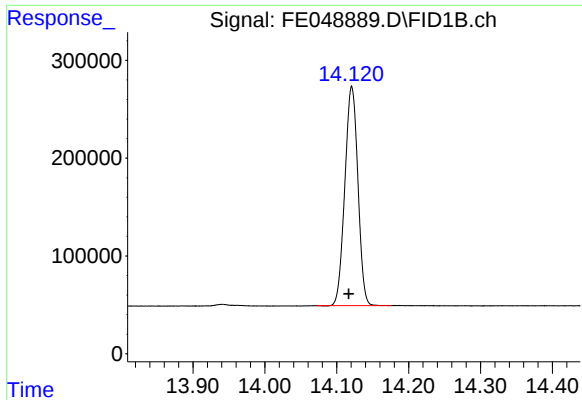
#11 n-Heneicosane (C21)

R.T.: 13.535 min
Delta R.T.: 0.005 min
Response: 2861262
Conc: 18.79 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.369 min
Delta R.T.: 0.005 min
Response: 2401736
Conc: 18.68 ug/ml



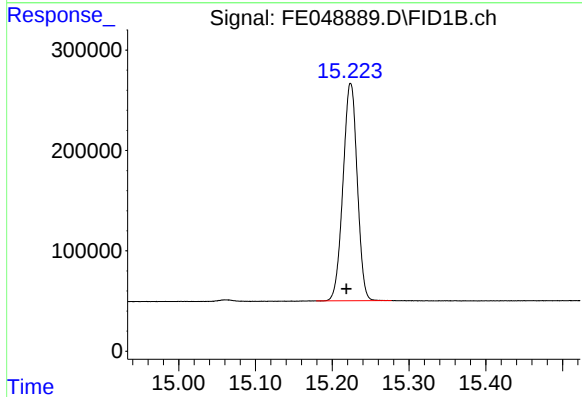
#13 n-Docosane (C22)

R.T.: 14.121 min
Delta R.T.: 0.004 min
Response: 2825574
Conc: 18.68 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD

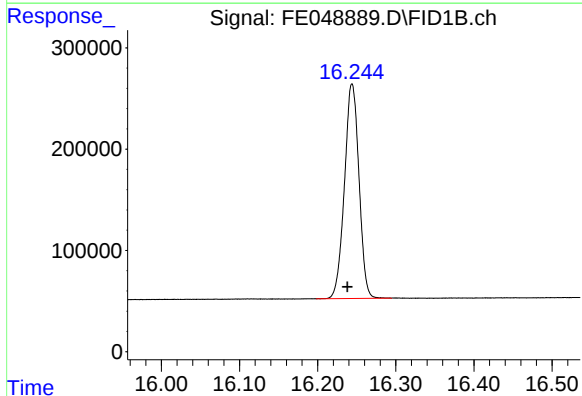
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 06/26/2024
Supervised By :Ankita Jodhani 06/26/2024



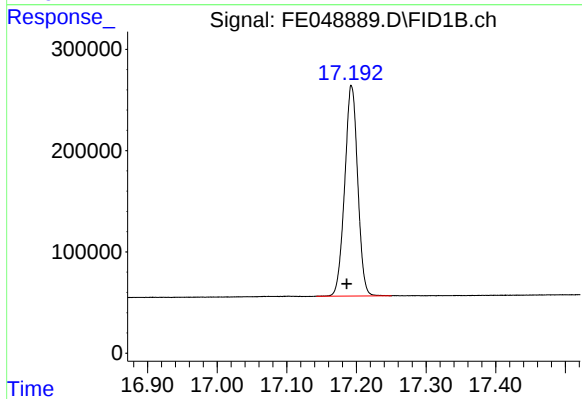
#14 n-Tetracosane (C24)

R.T.: 15.224 min
Delta R.T.: 0.006 min
Response: 2790971
Conc: 18.57 ug/ml



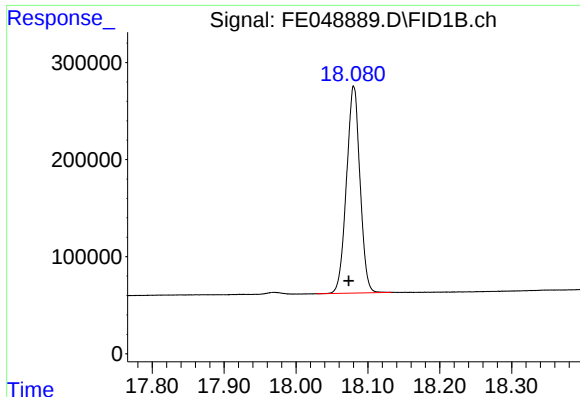
#15 n-Hexacosane (C26)

R.T.: 16.244 min
Delta R.T.: 0.006 min
Response: 2733183
Conc: 18.51 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.193 min
Delta R.T.: 0.007 min
Response: 2696923
Conc: 18.70 ug/ml



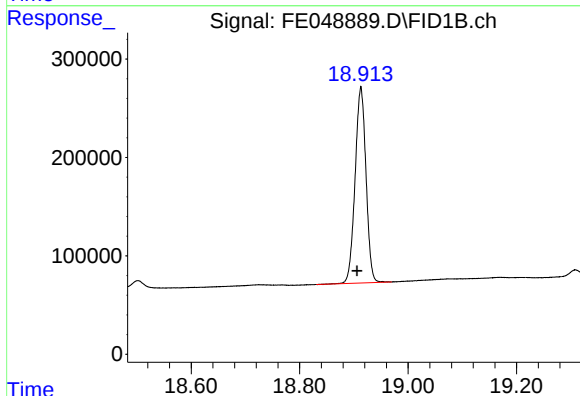
#17 n-Tricontane (C30)

R.T.: 18.080 min
Delta R.T.: 0.007 min
Response: 2782255
Conc: 19.02 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD

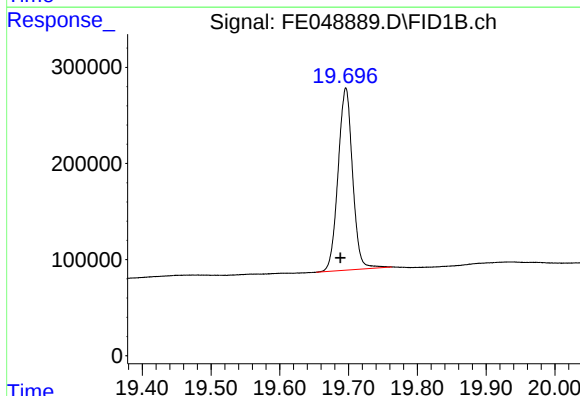
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 06/26/2024
Supervised By :Ankita Jodhani 06/26/2024



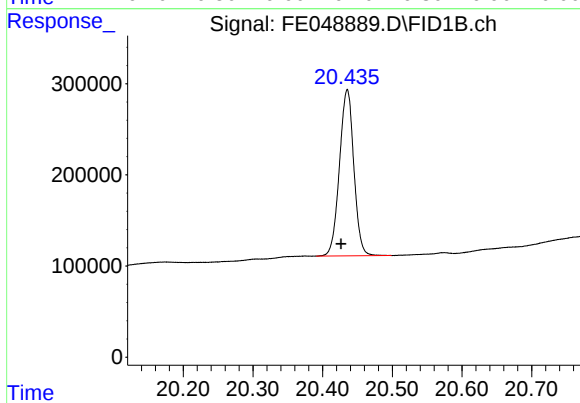
#18 n-Dotriacontane (C32)

R.T.: 18.913 min
Delta R.T.: 0.007 min
Response: 2779396
Conc: 19.44 ug/ml



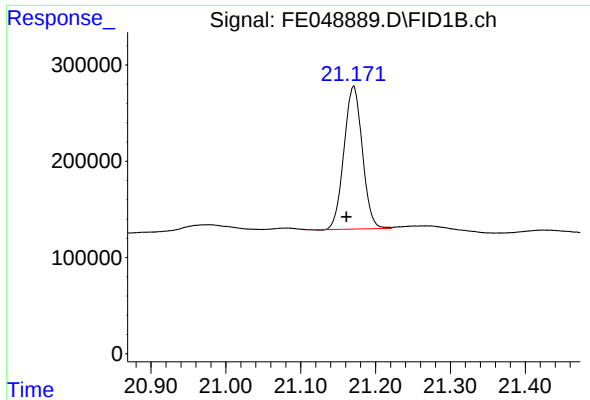
#19 n-Tetratriacontane (C34)

R.T.: 19.695 min
Delta R.T.: 0.007 min
Response: 2774558
Conc: 20.05 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 20.435 min
Delta R.T.: 0.009 min
Response: 2615656
Conc: 20.13 ug/ml



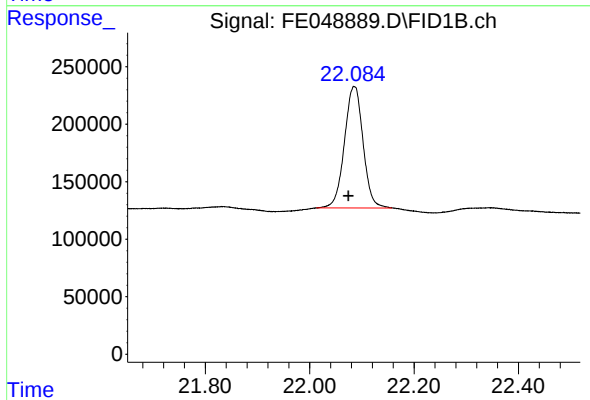
#21 n-Octatriacontane (C38)

R.T.: 21.171 min
Delta R.T.: 0.009 min
Response: 2534037
Conc: 19.77 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 06/26/2024
Supervised By :Ankita Jodhani 06/26/2024



#22 n-Tetracontane (C40)

R.T.: 22.084 min
Delta R.T.: 0.009 min
Response: 2612691
Conc: 21.34 ug/ml m