

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE121223AL\
 Data File : FE045795.D
 Signal(s) : FID1B.ch
 Acq On : 13 Dec 2023 05:17
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 12/13/2023
 Supervised By :Ankita Jodhani 12/13/2023

Integration File: autoint1.e
 Quant Time: Dec 13 05:42:09 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 113023.M
 Quant Title : GC Extractables
 QLast Update : Thu Nov 30 12:25:07 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)	11.845	3839481	18.361 ug/ml
Spiked Amount 50.000		Recovery =	36.72%
12) S 1-chlorooctadecane (S...	13.287	2842232	18.064 ug/ml
Spiked Amount 50.000		Recovery =	36.13%
Target Compounds			
1) T n-Nonane (C9)	3.234	3133154	19.758 ug/mlm
2) T n-Decane (C10)	4.486	3222961	20.127 ug/ml
3) T A~Naphthalene (C11.7)	6.186	3485337	20.008 ug/ml
4) T n-Dodecane (C12)	6.652	3246841	20.101 ug/ml
5) T A~2-methylnaphthalene...	7.281	3384880	19.932 ug/ml
6) T n-Tetradecane (C14)	8.479	3225837	20.108 ug/ml
7) T n-Hexadecane (C16)	10.088	3276876	19.789 ug/ml
8) T n-Octadecane (C18)	11.532	3287500	19.175 ug/ml
10) T n-Eicosane (C20)	12.844	3179961	18.379 ug/ml
11) T n-Heneicosane (C21)	13.456	3104797	18.048 ug/ml
13) T n-Docosane (C22)	14.043	3084916	17.892 ug/ml
14) T n-Tetracosane (C24)	15.148	3064470	17.553 ug/ml
15) T n-Hexacosane (C26)	16.170	3001447	17.234 ug/ml
16) T n-Octacosane (C28)	17.122	3007262	17.400 ug/ml
17) T n-Tricontane (C30)	18.012	3122459	17.848 ug/ml
18) T n-Dotriacontane (C32)	18.844	3131703	17.166 ug/ml
19) T n-Tetratriacontane (C34)	19.630	2970772	17.904 ug/mlm
20) T n-Hexatriacontane (C36)	20.374	2856545	17.995 ug/mlm
21) T n-Octatriacontane (C38)	21.101	2852999	18.193 ug/mlm
22) T n-Tetracontane (C40)	22.004	3028903	21.313 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE121223AL\
Data File : FE045795.D
Signal(s) : FID1B.ch
Acq On : 13 Dec 2023 05:17
Operator : YP\AJ
Sample : 20 PPM ALIPHATIC HC STD
Misc :
ALS Vial : 2 Sample Multiplier: 1

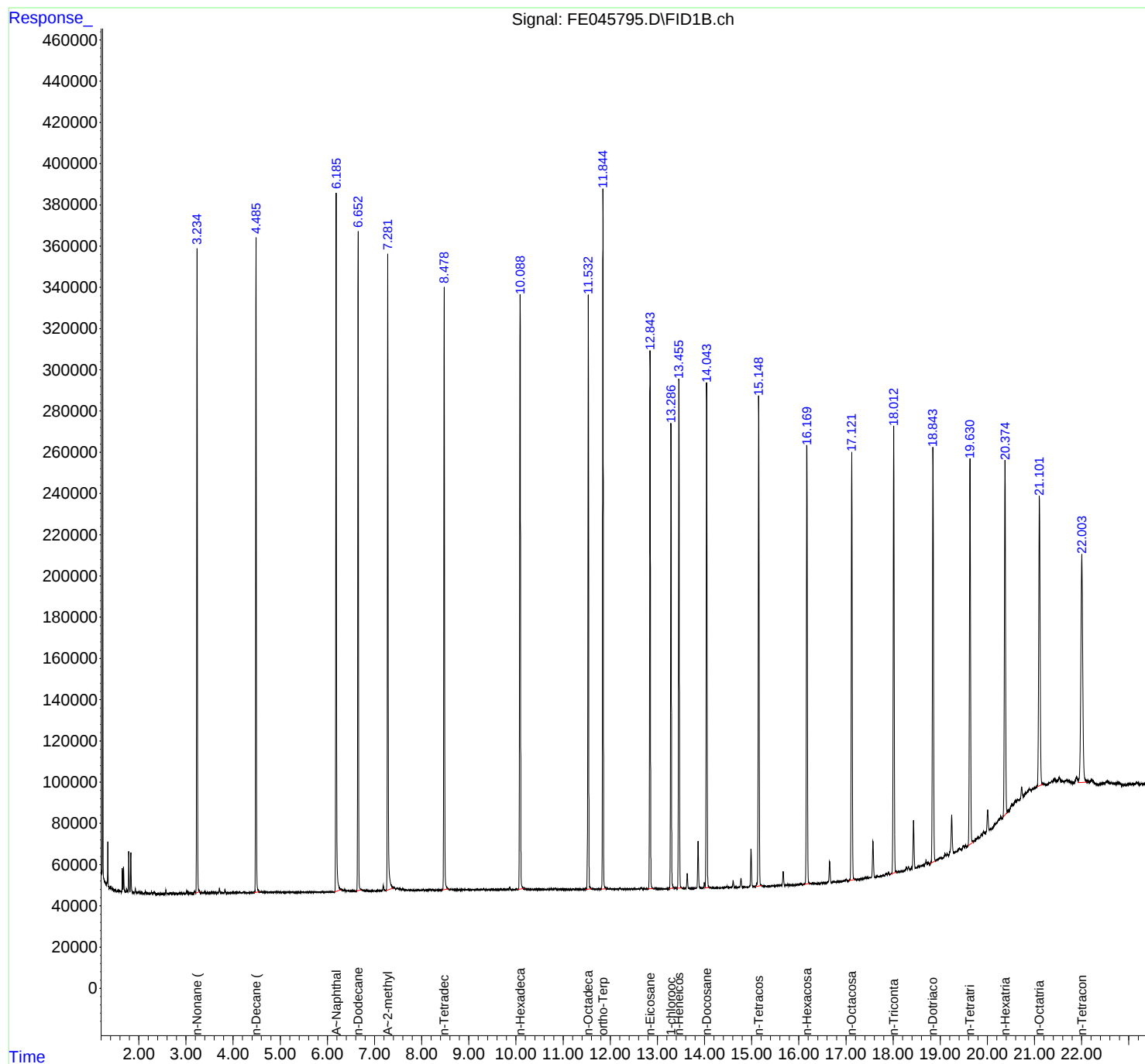
Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD

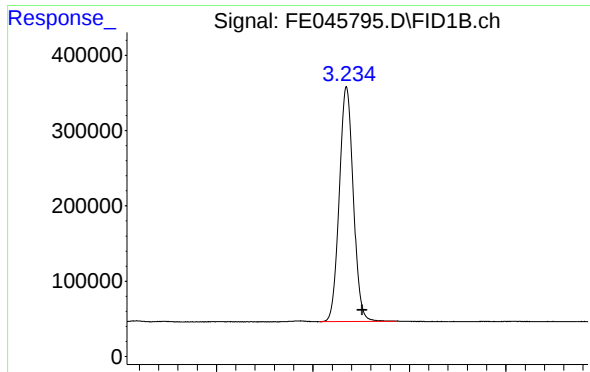
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 12/13/2023
Supervised By :Ankita Jodhani 12/13/2023

Integration File: autoint1.e
Quant Time: Dec 13 05:42:09 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 113023.
Quant Title : GC Extractables
QLast Update : Thu Nov 30 12:25:07 2023
Response via : Initial Calibration
Integrator: ChemStation

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





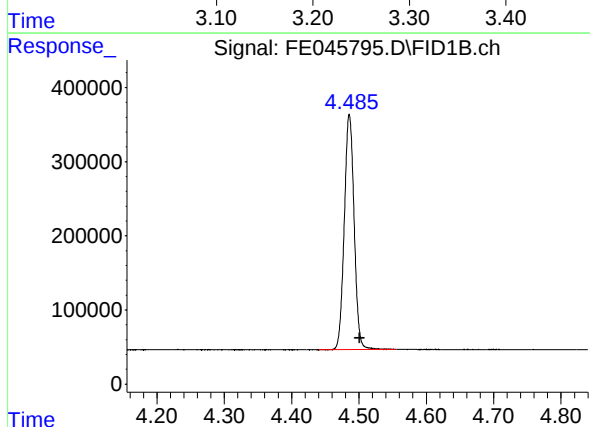
#1 n-Nonane (C9)

R.T.: 3.234 min
Delta R.T.: -0.017 min
Response: 3133154
Conc: 19.76 ug/ml

Instrument : FID_E
ClientSampleId : 20 PPM ALIPHATIC HC STD

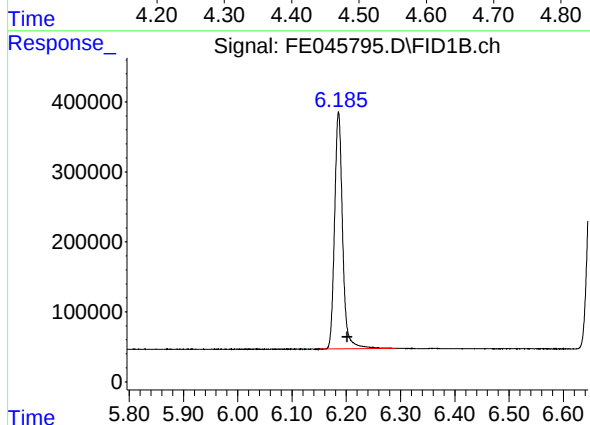
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 12/13/2023
Supervised By :Ankita Jodhani 12/13/2023



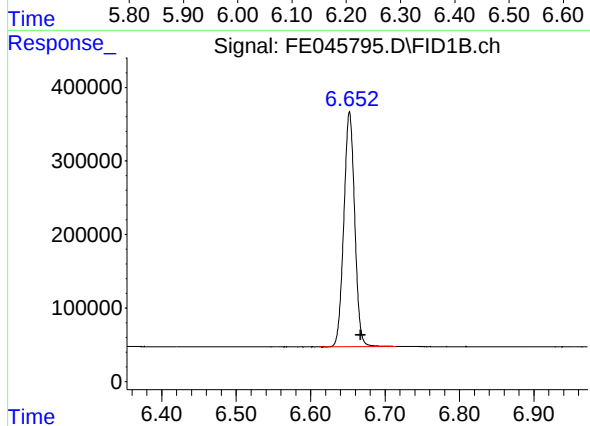
#2 n-Decane (C10)

R.T.: 4.486 min
Delta R.T.: -0.016 min
Response: 3222961
Conc: 20.13 ug/ml



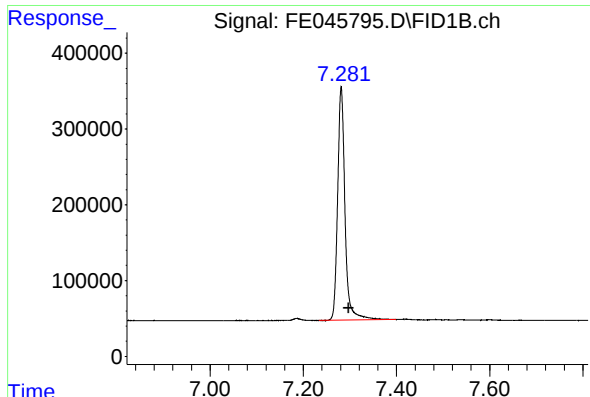
#3 A~Naphthalene (C11.7)

R.T.: 6.186 min
Delta R.T.: -0.016 min
Response: 3485337
Conc: 20.01 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.652 min
Delta R.T.: -0.015 min
Response: 3246841
Conc: 20.10 ug/ml



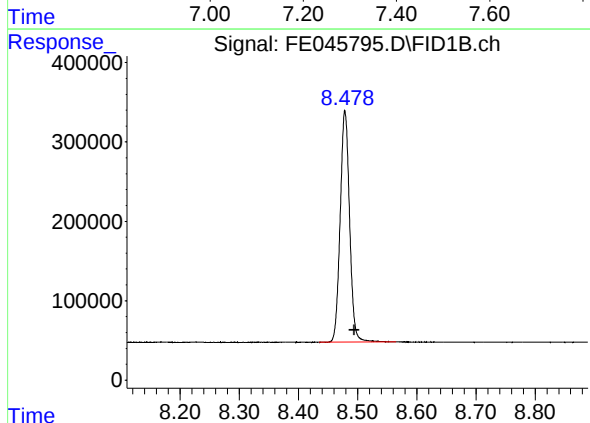
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.281 min
Delta R.T.: -0.016 min
Response: 3384880
Conc: 19.93 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD

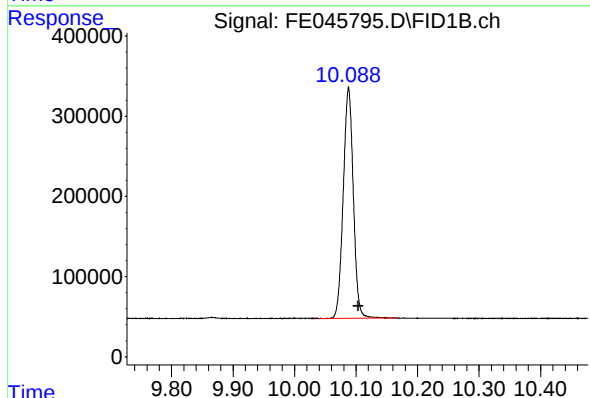
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 12/13/2023
Supervised By :Ankita Jodhani 12/13/2023



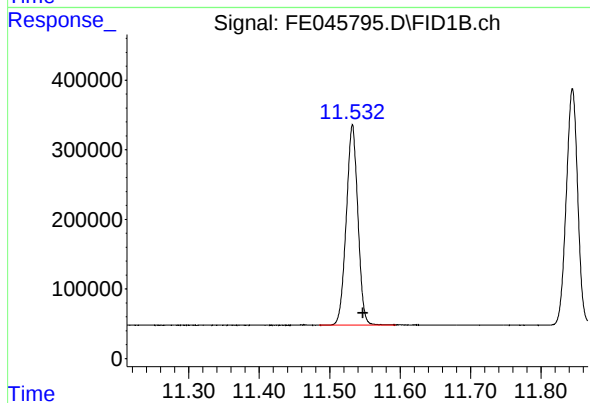
#6 n-Tetradecane (C14)

R.T.: 8.479 min
Delta R.T.: -0.016 min
Response: 3225837
Conc: 20.11 ug/ml



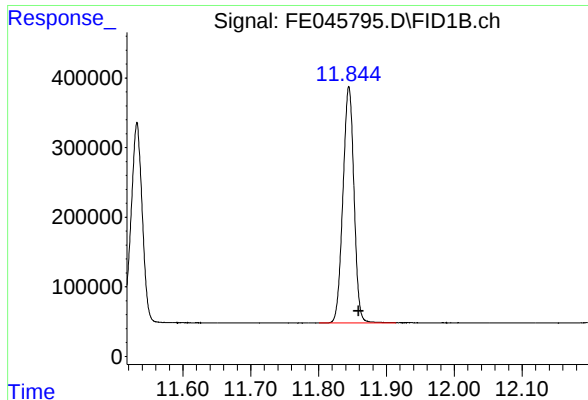
#7 n-Hexadecane (C16)

R.T.: 10.088 min
Delta R.T.: -0.016 min
Response: 3276876
Conc: 19.79 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.532 min
Delta R.T.: -0.015 min
Response: 3287500
Conc: 19.17 ug/ml



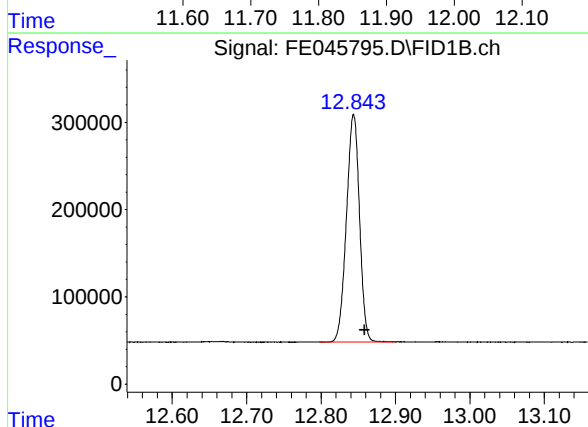
#9 ortho-Terphenyl (SURR)

R.T.: 11.845 min
Delta R.T.: -0.014 min
Response: 3839481
Conc: 18.36 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD

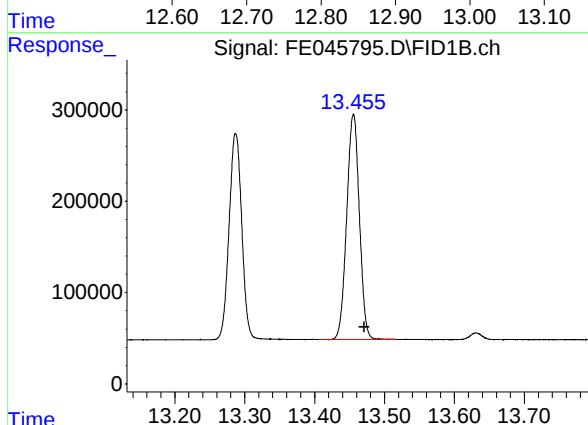
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 12/13/2023
Supervised By :Ankita Jodhani 12/13/2023



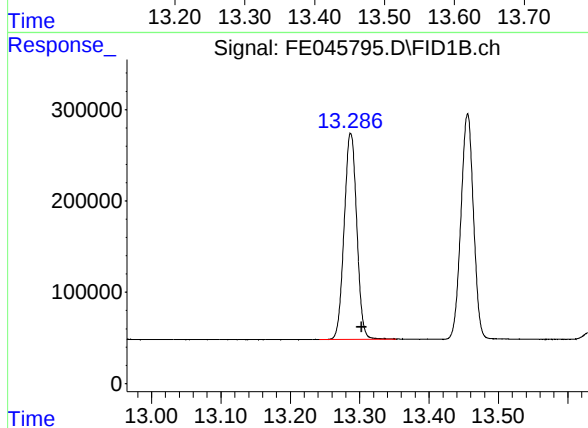
#10 n-Eicosane (C20)

R.T.: 12.844 min
Delta R.T.: -0.014 min
Response: 3179961
Conc: 18.38 ug/ml



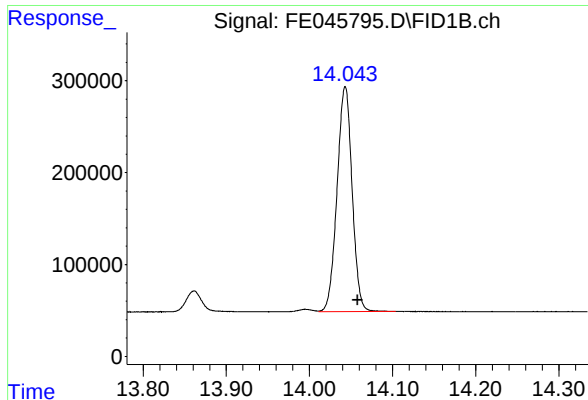
#11 n-Heneicosane (C21)

R.T.: 13.456 min
Delta R.T.: -0.016 min
Response: 3104797
Conc: 18.05 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.287 min
Delta R.T.: -0.016 min
Response: 2842232
Conc: 18.06 ug/ml



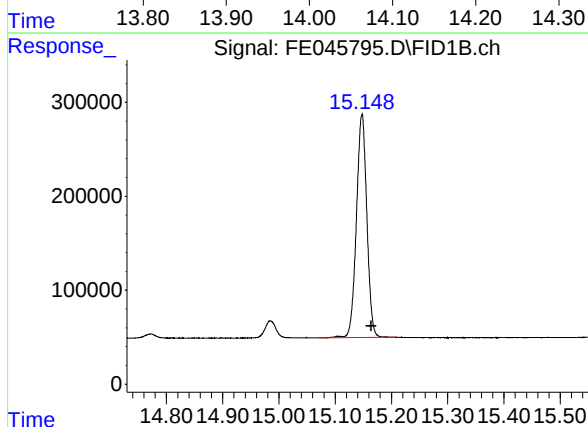
#13 n-Docosane (C22)

R.T.: 14.043 min
Delta R.T.: -0.015 min
Response: 3084916
Conc: 17.89 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD

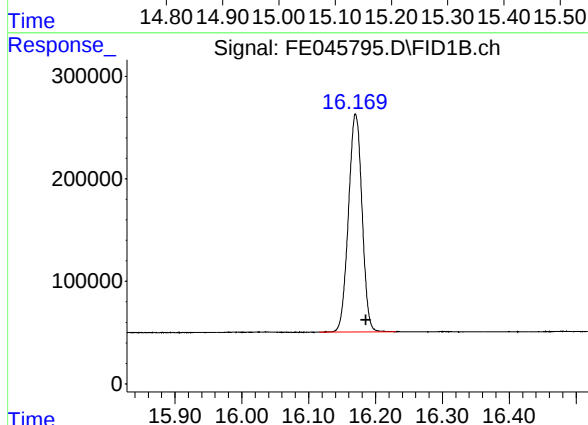
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 12/13/2023
Supervised By :Ankita Jodhani 12/13/2023



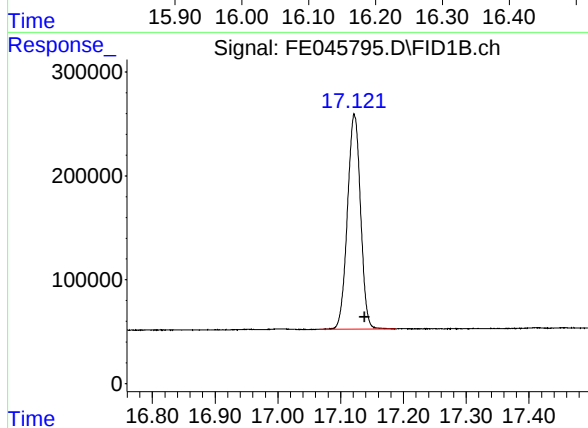
#14 n-Tetracosane (C24)

R.T.: 15.148 min
Delta R.T.: -0.016 min
Response: 3064470
Conc: 17.55 ug/ml



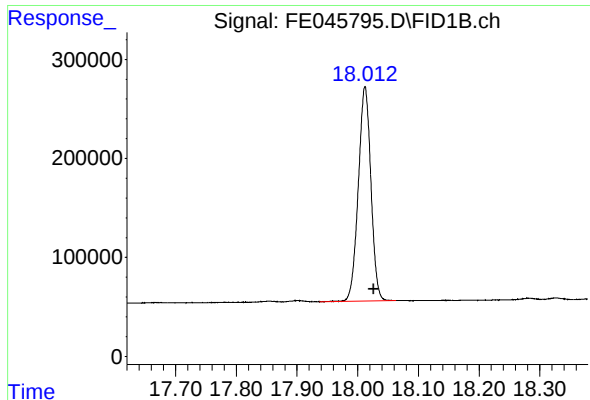
#15 n-Hexacosane (C26)

R.T.: 16.170 min
Delta R.T.: -0.016 min
Response: 3001447
Conc: 17.23 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.122 min
Delta R.T.: -0.016 min
Response: 3007262
Conc: 17.40 ug/ml



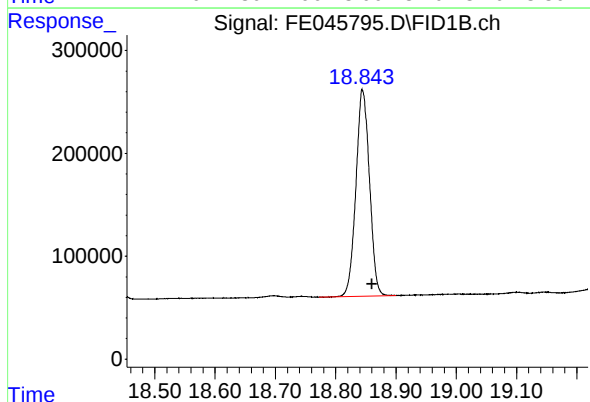
#17 n-Tricontane (C30)

R.T.: 18.012 min
Delta R.T.: -0.014 min
Response: 3122459
Conc: 17.85 ug/ml

Instrument : FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD

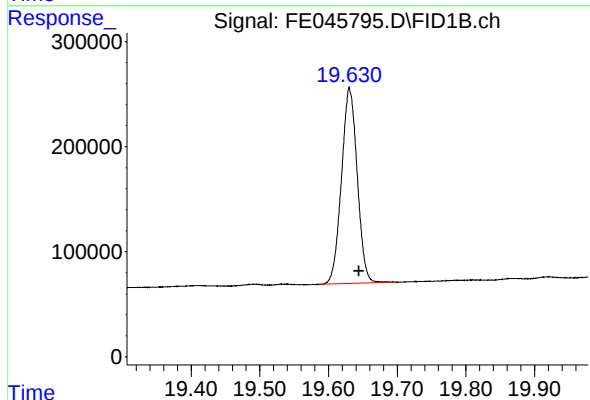
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 12/13/2023
Supervised By :Ankita Jodhani 12/13/2023



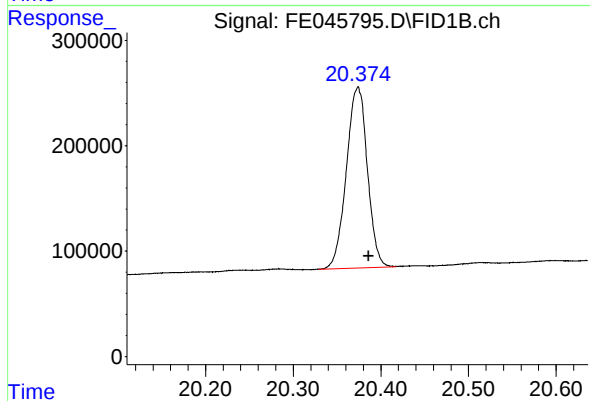
#18 n-Dotriacontane (C32)

R.T.: 18.844 min
Delta R.T.: -0.016 min
Response: 3131703
Conc: 17.17 ug/ml



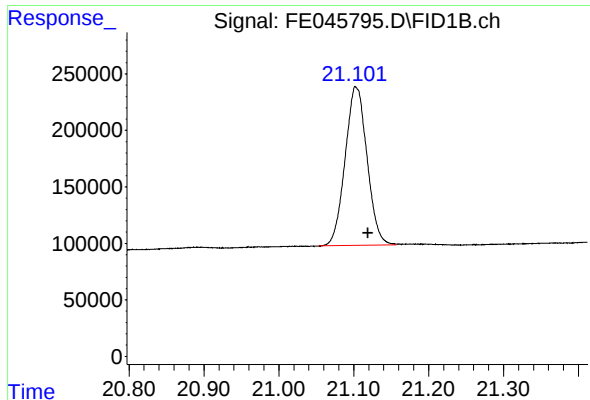
#19 n-Tetatriacontane (C34)

R.T.: 19.630 min
Delta R.T.: -0.015 min
Response: 2970772
Conc: 17.90 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 20.374 min
Delta R.T.: -0.012 min
Response: 2856545
Conc: 18.00 ug/ml m



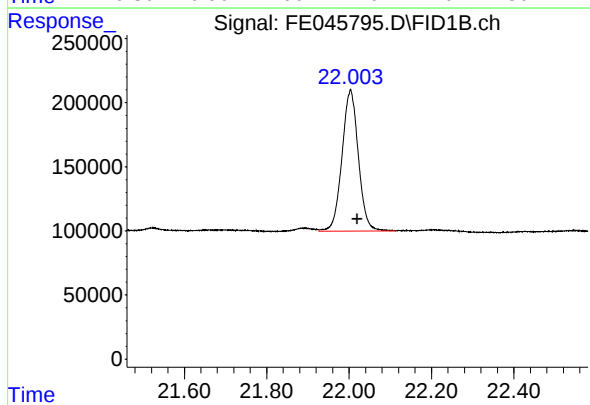
#21 n-Octatriacontane (C38)

R.T.: 21.101 min
Delta R.T.: -0.018 min
Response: 2852999
Conc: 18.19 ug/ml

Instrument : FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 12/13/2023
Supervised By :Ankita Jodhani 12/13/2023



#22 n-Tetracontane (C40)

R.T.: 22.004 min
Delta R.T.: -0.016 min
Response: 3028903
Conc: 21.31 ug/ml