

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE102524AL\
 Data File : FE050847.D
 Signal(s) : FID1B.ch
 Acq On : 25 Oct 2024 21:16
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/28/2024
 Supervised By :Ankita Jodhani 10/28/2024

Integration File: autoint1.e
 Quant Time: Oct 26 01:37:27 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 100824.M
 Quant Title : GC Extractables
 QLast Update : Mon Oct 07 16:32:18 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)	11.857	2745814	17.417 ug/ml
Spiked Amount 50.000		Recovery =	34.83%
12) S 1-chlorooctadecane (S...	13.290	2096482	17.723 ug/ml
Spiked Amount 50.000		Recovery =	35.45%
Target Compounds			
1) T n-Nonane (C9)	3.246	2326376	16.465 ug/ml
2) T n-Decane (C10)	4.496	2464169	17.175 ug/ml
3) T A~Naphthalene (C11.7)	6.208	2440237	17.066 ug/ml
4) T n-Dodecane (C12)	6.663	2492419	17.316 ug/ml
5) T A~2-methylnaphthalene...	7.304	2309186	17.430 ug/ml
6) T n-Tetradecane (C14)	8.490	2487545	17.387 ug/ml
7) T n-Hexadecane (C16)	10.095	2597920	17.653 ug/ml
8) T n-Octadecane (C18)	11.536	2627535	17.591 ug/ml
10) T n-Eicosane (C20)	12.845	2528362	17.631 ug/ml
11) T n-Heneicosane (C21)	13.456	2465086	17.553 ug/ml
13) T n-Docosane (C22)	14.041	2488742	17.739 ug/ml
14) T n-Tetracosane (C24)	15.142	2561078	18.128 ug/ml
15) T n-Hexacosane (C26)	16.161	2588906	18.398 ug/mlm
16) T n-Octacosane (C28)	17.111	2780249	19.000 ug/ml
17) T n-Tricontane (C30)	17.998	3184105	20.025 ug/ml
18) T n-Dotriacontane (C32)	18.830	3338303	20.592 ug/ml
19) T n-Tetratriacontane (C34)	19.613	2972502	20.236 ug/ml
20) T n-Hexatriacontane (C36)	20.353	2487019	19.612 ug/ml
21) T n-Octatriacontane (C38)	21.076	2293151	18.546 ug/ml
22) T n-Tetracontane (C40)	21.961	1922823	17.268 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE102524AL\
Data File : FE050847.D
Signal(s) : FID1B.ch
Acq On : 25 Oct 2024 21:16
Operator : YP\AJ
Sample : 20 PPM ALIPHATIC HC STD
Misc :
ALS Vial : 5 Sample Multiplier: 1

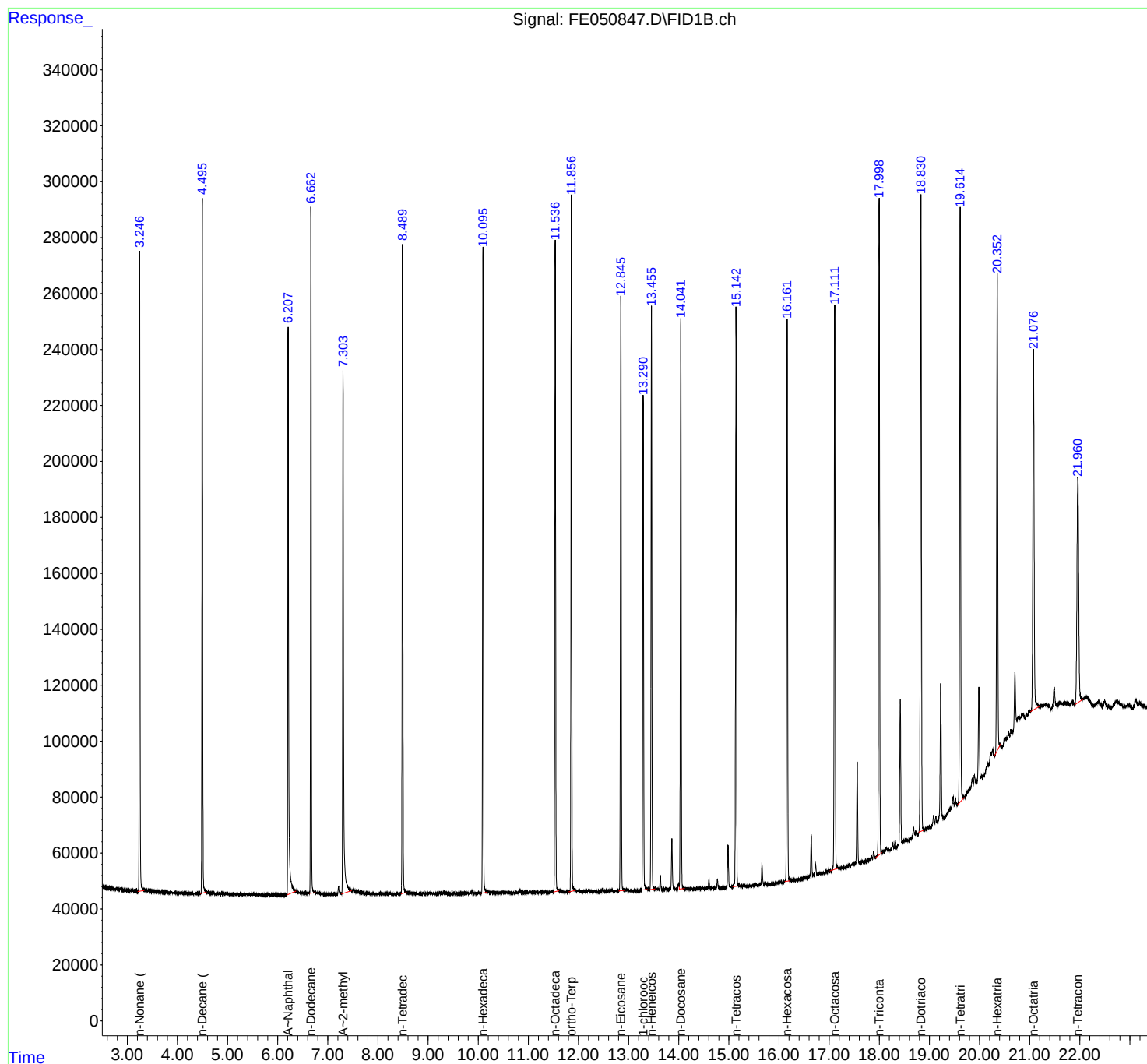
Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD

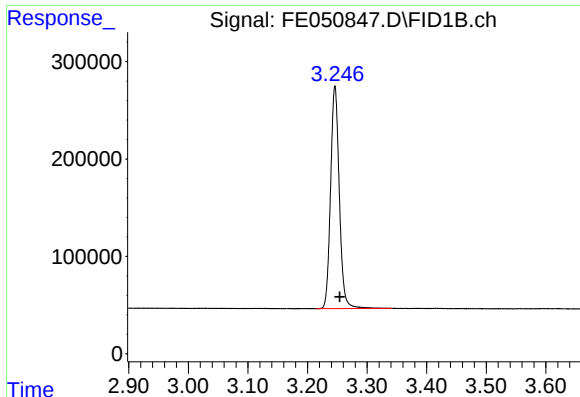
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 10/28/2024
Supervised By :Ankita Jodhani 10/28/2024

Integration File: autoint1.e
Quant Time: Oct 26 01:37:27 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 100824.M
Quant Title : GC Extractables
QLast Update : Mon Oct 07 16:32:18 2024
Response via : Initial Calibration
Integrator: ChemStation

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





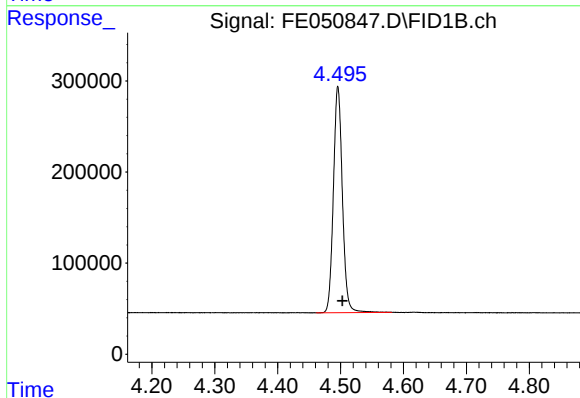
#1 n-Nonane (C9)

R.T.: 3.246 min
Delta R.T.: -0.008 min
Response: 2326376
Conc: 16.47 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD

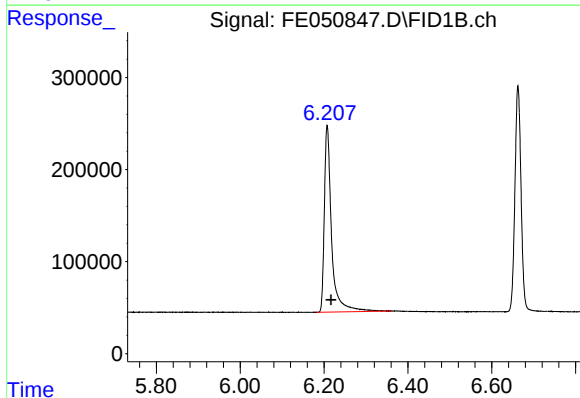
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 10/28/2024
Supervised By :Ankita Jodhani 10/28/2024



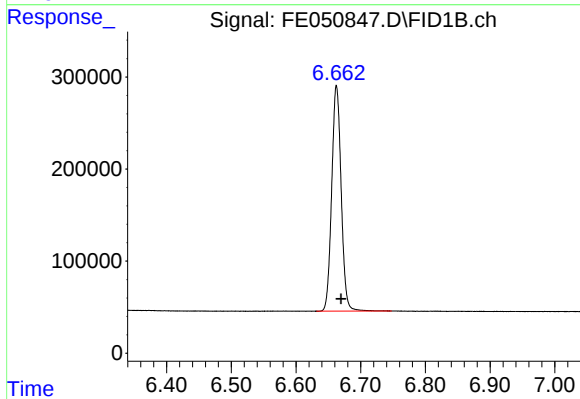
#2 n-Decane (C10)

R.T.: 4.496 min
Delta R.T.: -0.007 min
Response: 2464169
Conc: 17.17 ug/ml



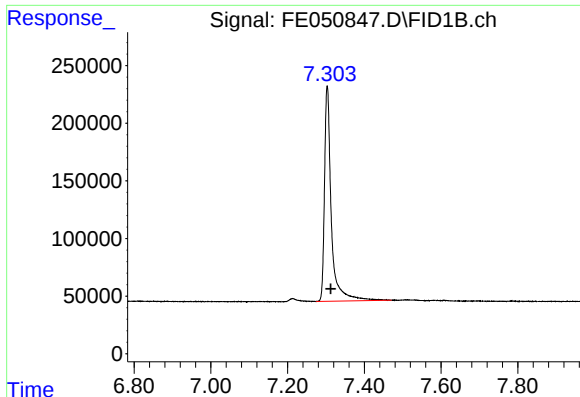
#3 A~Naphthalene (C11.7)

R.T.: 6.208 min
Delta R.T.: -0.009 min
Response: 2440237
Conc: 17.07 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.663 min
Delta R.T.: -0.007 min
Response: 2492419
Conc: 17.32 ug/ml



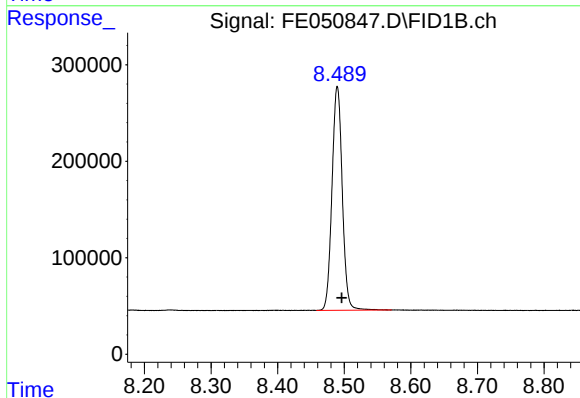
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.304 min
Delta R.T.: -0.009 min
Response: 2309186
Conc: 17.43 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD

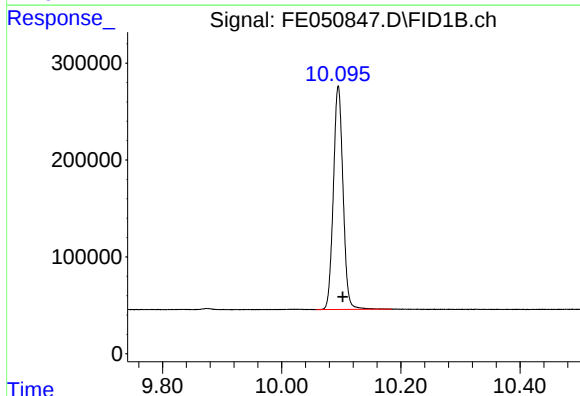
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 10/28/2024
Supervised By :Ankita Jodhani 10/28/2024



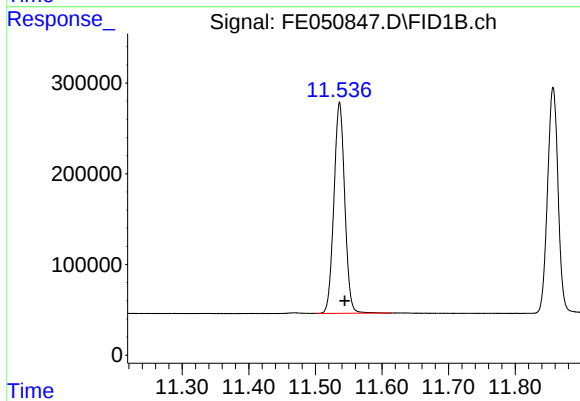
#6 n-Tetradecane (C14)

R.T.: 8.490 min
Delta R.T.: -0.007 min
Response: 2487545
Conc: 17.39 ug/ml



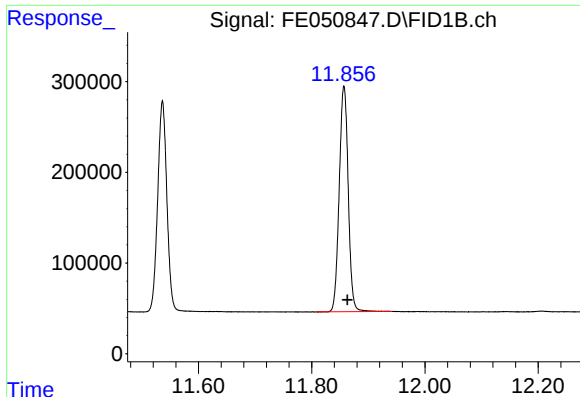
#7 n-Hexadecane (C16)

R.T.: 10.095 min
Delta R.T.: -0.007 min
Response: 2597920
Conc: 17.65 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.536 min
Delta R.T.: -0.007 min
Response: 2627535
Conc: 17.59 ug/ml



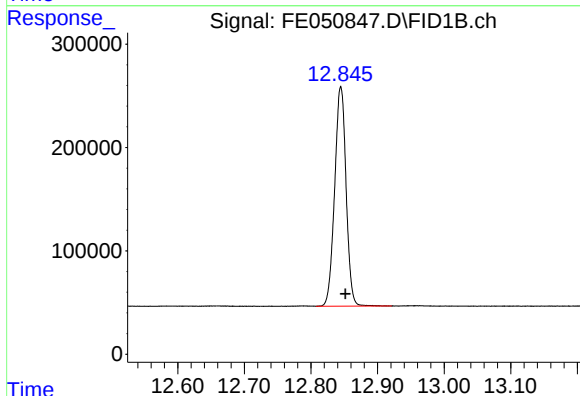
#9 ortho-Terphenyl (SURR)

R.T.: 11.857 min
Delta R.T.: -0.006 min
Response: 2745814
Conc: 17.42 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD

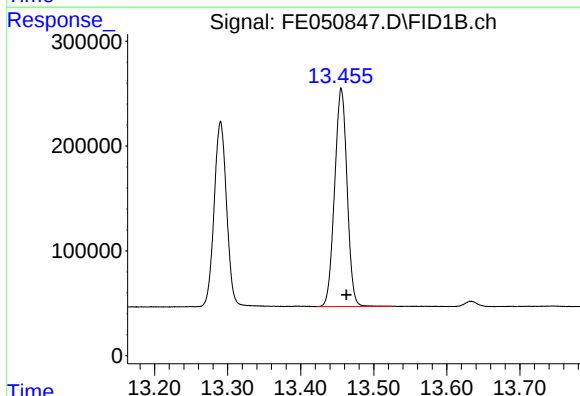
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 10/28/2024
Supervised By :Ankita Jodhani 10/28/2024



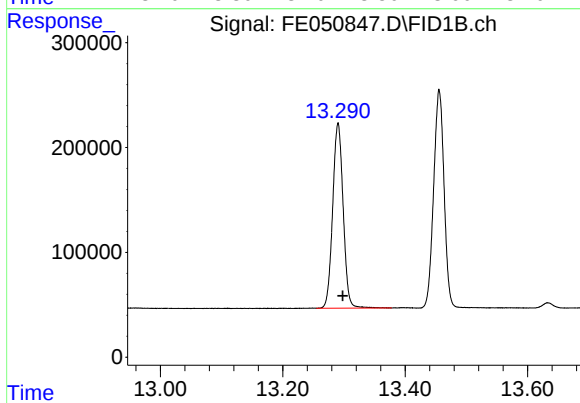
#10 n-Eicosane (C20)

R.T.: 12.845 min
Delta R.T.: -0.007 min
Response: 2528362
Conc: 17.63 ug/ml



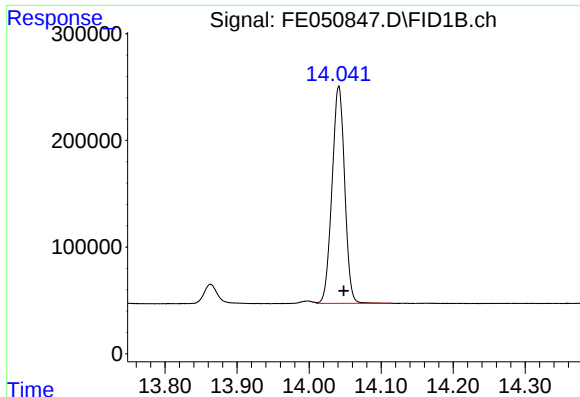
#11 n-Heneicosane (C21)

R.T.: 13.456 min
Delta R.T.: -0.007 min
Response: 2465086
Conc: 17.55 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.290 min
Delta R.T.: -0.007 min
Response: 2096482
Conc: 17.72 ug/ml



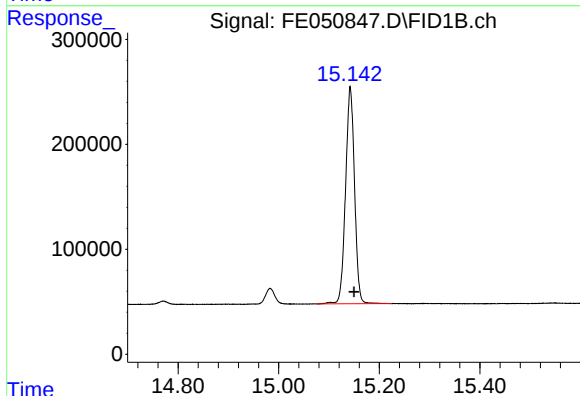
#13 n-Docosane (C22)

R.T.: 14.041 min
Delta R.T.: -0.007 min
Response: 2488742
Conc: 17.74 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD

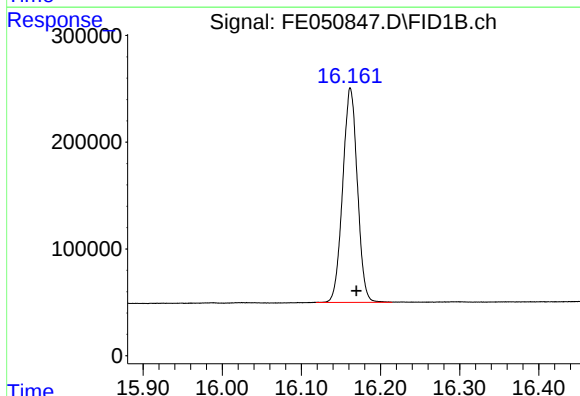
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 10/28/2024
Supervised By :Ankita Jodhani 10/28/2024



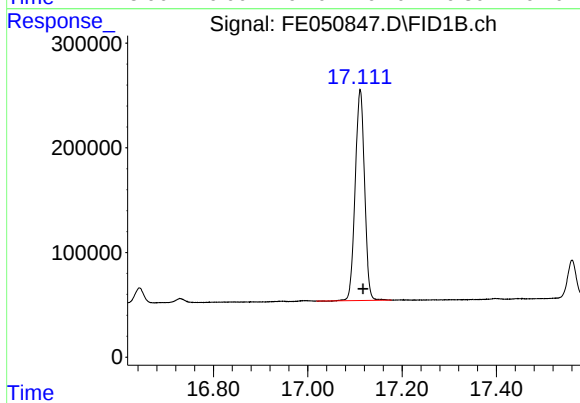
#14 n-Tetracosane (C24)

R.T.: 15.142 min
Delta R.T.: -0.008 min
Response: 2561078
Conc: 18.13 ug/ml



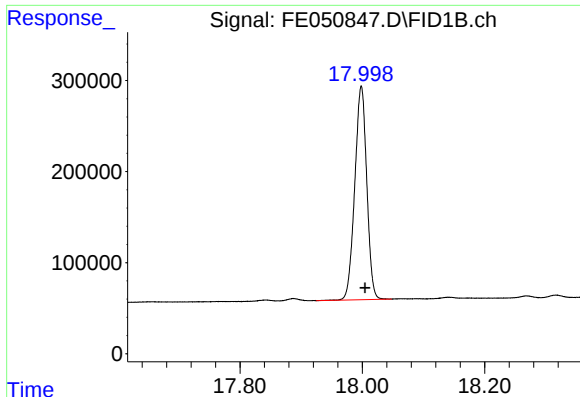
#15 n-Hexacosane (C26)

R.T.: 16.161 min
Delta R.T.: -0.008 min
Response: 2588906
Conc: 18.40 ug/ml m



#16 n-Octacosane (C28)

R.T.: 17.111 min
Delta R.T.: -0.006 min
Response: 2780249
Conc: 19.00 ug/ml



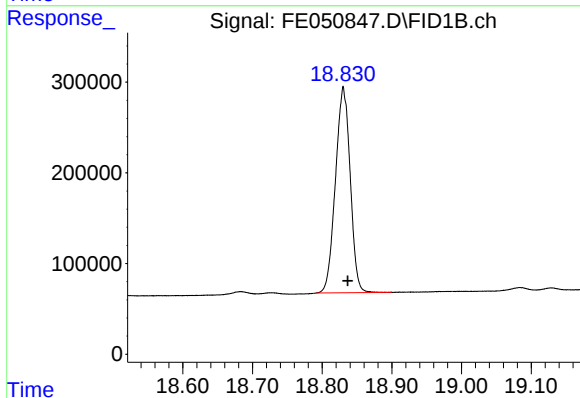
#17 n-Tricontane (C30)

R.T.: 17.998 min
Delta R.T.: -0.006 min
Response: 3184105
Conc: 20.03 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD

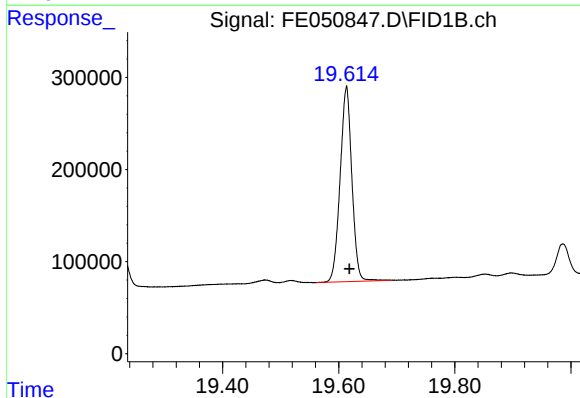
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 10/28/2024
Supervised By :Ankita Jodhani 10/28/2024



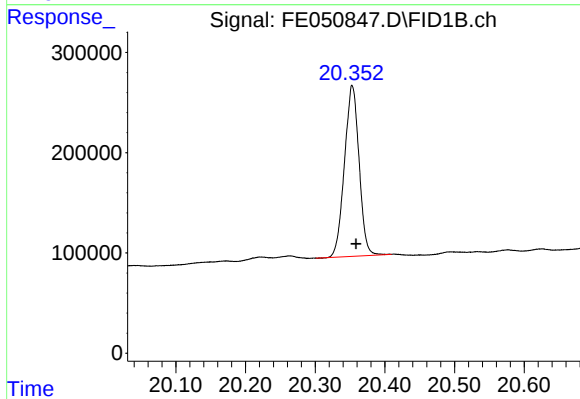
#18 n-Dotriacontane (C32)

R.T.: 18.830 min
Delta R.T.: -0.006 min
Response: 3338303
Conc: 20.59 ug/ml



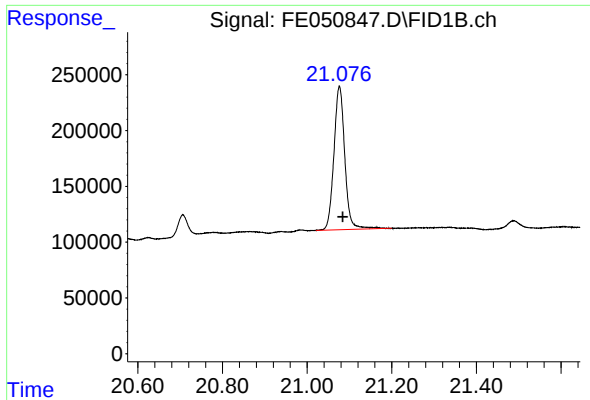
#19 n-Tetratriacontane (C34)

R.T.: 19.613 min
Delta R.T.: -0.005 min
Response: 2972502
Conc: 20.24 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.353 min
Delta R.T.: -0.005 min
Response: 2487019
Conc: 19.61 ug/ml



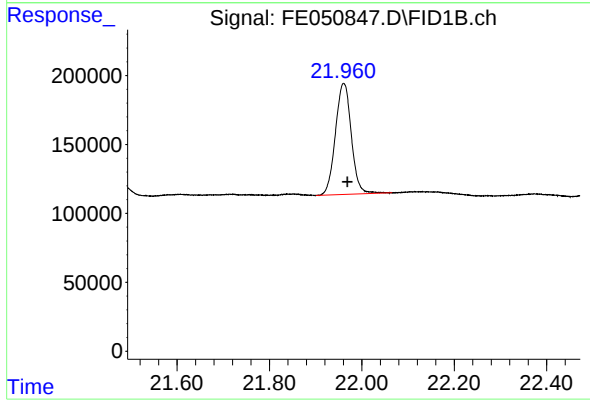
#21 n-Octatriacontane (C38)

R.T.: 21.076 min
Delta R.T.: -0.008 min
Response: 2293151
Conc: 18.55 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 10/28/2024
Supervised By :Ankita Jodhani 10/28/2024



#22 n-Tetracontane (C40)

R.T.: 21.961 min
Delta R.T.: -0.008 min
Response: 1922823
Conc: 17.27 ug/ml