

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE062824AL\
 Data File : FE048928.D
 Signal(s) : FID1B.ch
 Acq On : 28 Jun 2024 21:53
 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 07/01/2024
 Supervised By :Ankita Jodhani 07/01/2024

Integration File: autoint1.e
 Quant Time: Jun 29 02:48:58 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	2873834	17.187 ug/ml
Spiked Amount 50.000		Recovery =	34.37%
12) S 1-chlorooctadecane (S...	13.369	2177838	16.936 ug/ml
Spiked Amount 50.000		Recovery =	33.87%
Target Compounds			
1) T n-Nonane (C9)	3.322	2783428	18.514 ug/ml
2) T n-Decane (C10)	4.572	2843035	18.474 ug/ml
3) T A~Naphthalene (C11.7)	6.278	2903595	18.290 ug/ml
4) T n-Dodecane (C12)	6.737	2823765	18.292 ug/ml
5) T A~2-methylnaphthalene...	7.374	2756850	18.205 ug/ml
6) T n-Tetradecane (C14)	8.565	2764899	18.040 ug/ml
7) T n-Hexadecane (C16)	10.173	2830339	18.102 ug/ml
8) T n-Octadecane (C18)	11.616	2802366	17.571 ug/ml
10) T n-Eicosane (C20)	12.924	2658006	17.144 ug/ml
11) T n-Heneicosane (C21)	13.536	2604683	17.106 ug/ml
13) T n-Docosane (C22)	14.122	2584548	17.090 ug/ml
14) T n-Tetracosane (C24)	15.224	2598257	17.289 ug/mlm
15) T n-Hexacosane (C26)	16.245	2606510	17.655 ug/ml
16) T n-Octacosane (C28)	17.194	2571948	17.834 ug/ml
17) T n-Tricontane (C30)	18.081	2766702	18.911 ug/ml
18) T n-Dotriacontane (C32)	18.913	2688810	18.806 ug/mlm
19) T n-Tetratriacontane (C34)	19.697	2719354	19.653 ug/mlm
20) T n-Hexatriacontane (C36)	20.434	3099894	23.851 ug/mlm
21) T n-Octatriacontane (C38)	21.173	2631481	20.527 ug/mlm
22) T n-Tetracontane (C40)	22.088	2657434	21.701 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE062824AL\
Data File : FE048928.D
Signal(s) : FID1B.ch
Acq On : 28 Jun 2024 21:53
Operator : YP\AJ
Sample : 20 PPM ALIPHATIC HC STD
Misc :
ALS Vial : 6 Sample Multiplier: 1

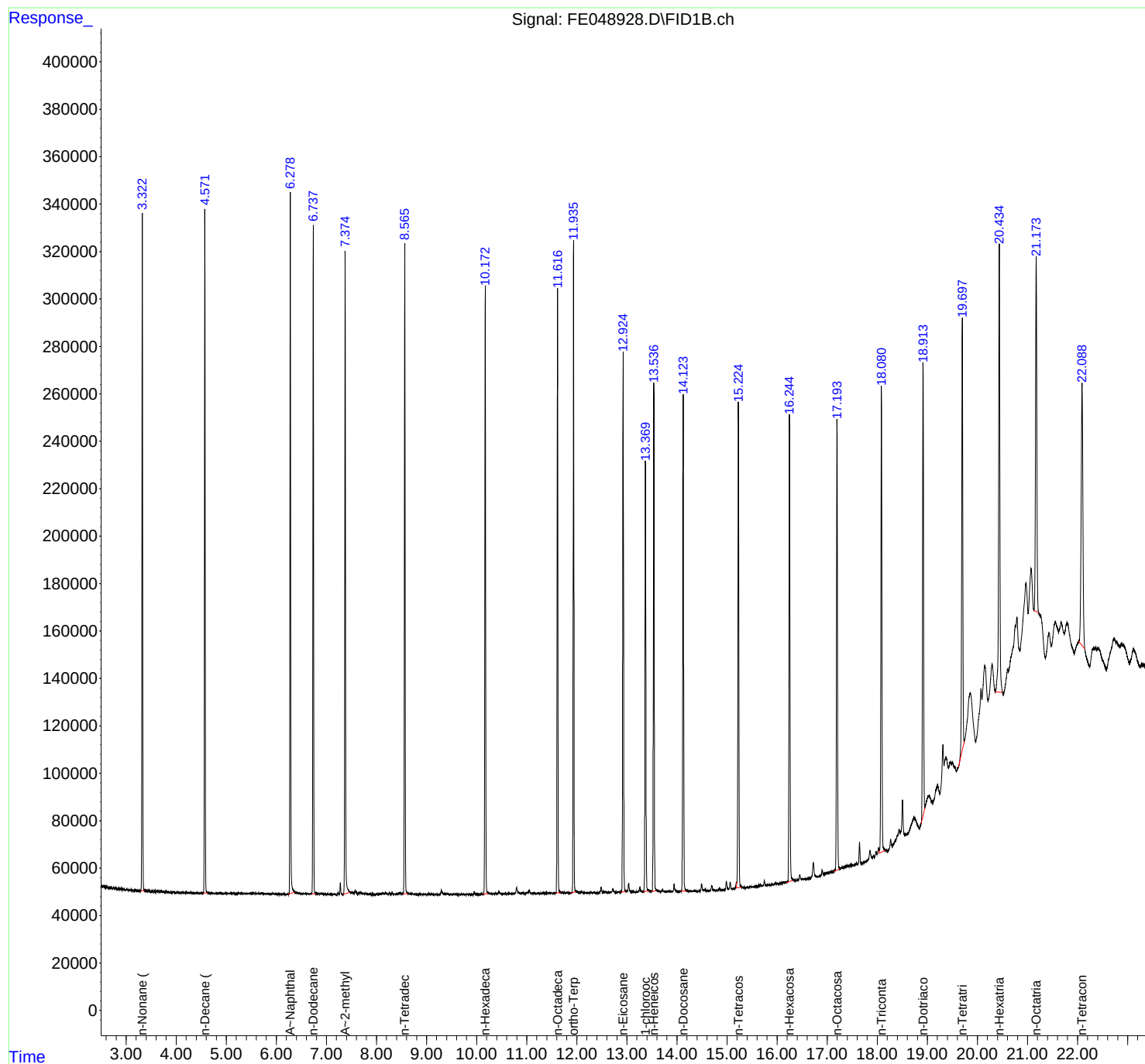
Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD

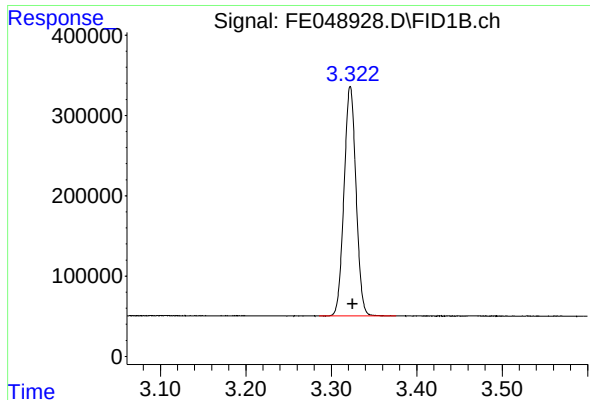
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 07/01/2024
Supervised By :Ankita Jodhani 07/01/2024

Integration File: autoint1.e
Quant Time: Jun 29 02:48:58 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 062124.
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





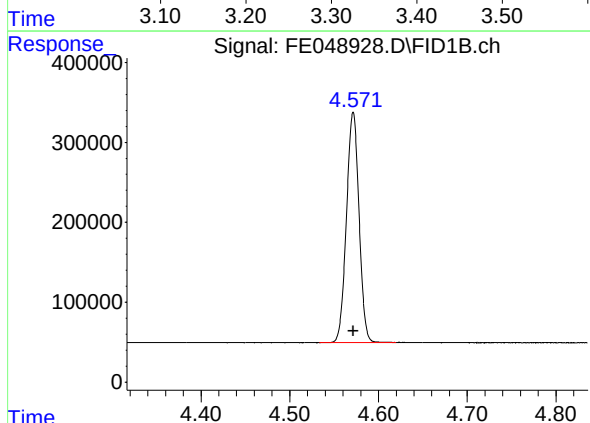
#1 n-Nonane (C9)

R.T.: 3.322 min
Delta R.T.: -0.003 min
Response: 2783428
Conc: 18.51 ug/ml

Instrument : FID_E
ClientSampleId : 20 PPM ALIPHATIC HC STD

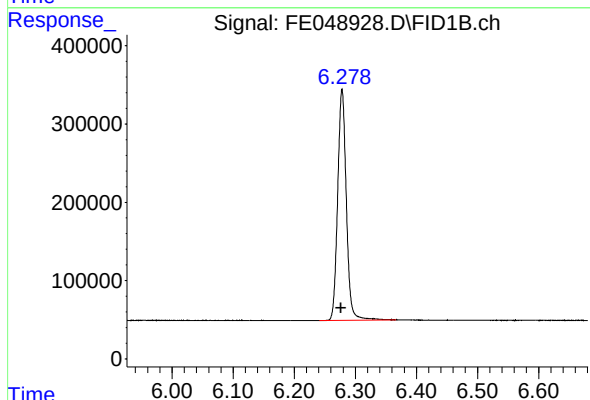
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 07/01/2024
Supervised By :Ankita Jodhani 07/01/2024



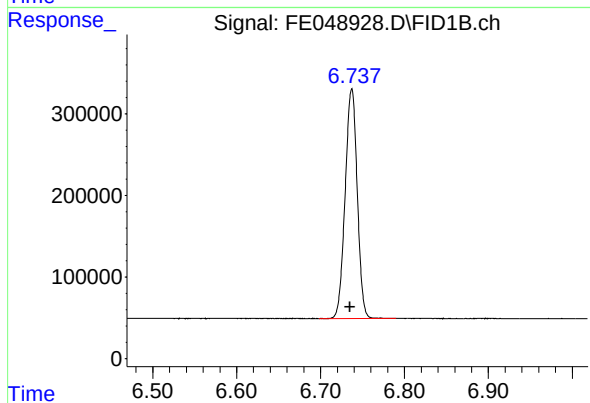
#2 n-Decane (C10)

R.T.: 4.572 min
Delta R.T.: 0.000 min
Response: 2843035
Conc: 18.47 ug/ml



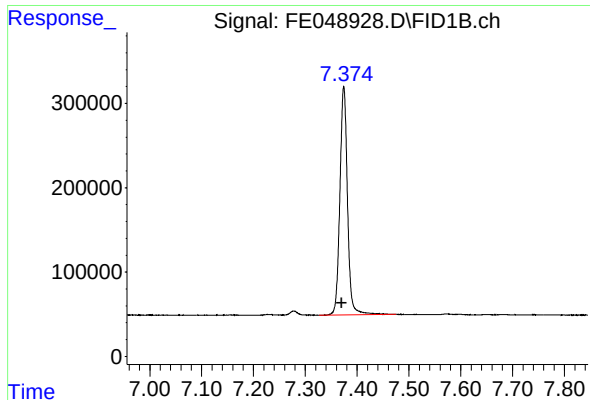
#3 A~Naphthalene (C11.7)

R.T.: 6.278 min
Delta R.T.: 0.002 min
Response: 2903595
Conc: 18.29 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.737 min
Delta R.T.: 0.002 min
Response: 2823765
Conc: 18.29 ug/ml



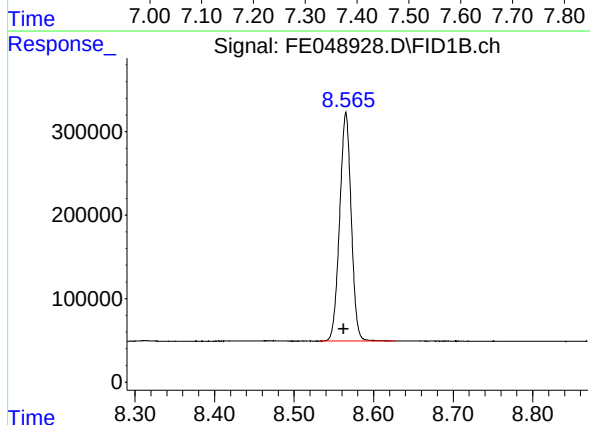
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.374 min
Delta R.T.: 0.004 min
Response: 2756850
Conc: 18.20 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD

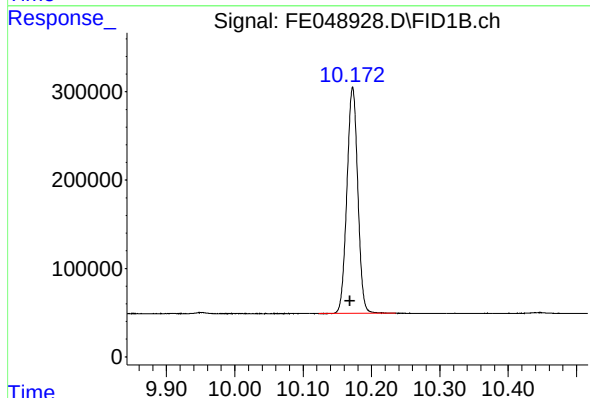
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 07/01/2024
Supervised By :Ankita Jodhani 07/01/2024



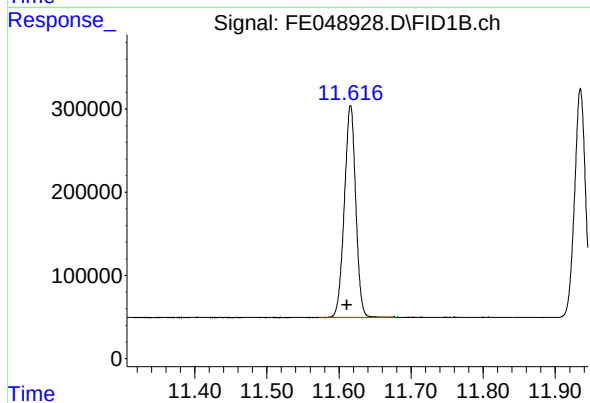
#6 n-Tetradecane (C14)

R.T.: 8.565 min
Delta R.T.: 0.003 min
Response: 2764899
Conc: 18.04 ug/ml



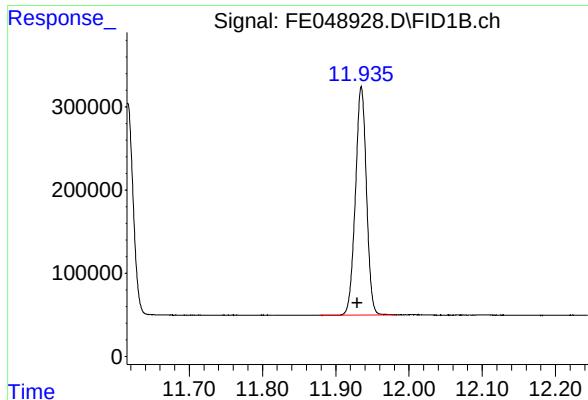
#7 n-Hexadecane (C16)

R.T.: 10.173 min
Delta R.T.: 0.004 min
Response: 2830339
Conc: 18.10 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.616 min
Delta R.T.: 0.005 min
Response: 2802366
Conc: 17.57 ug/ml



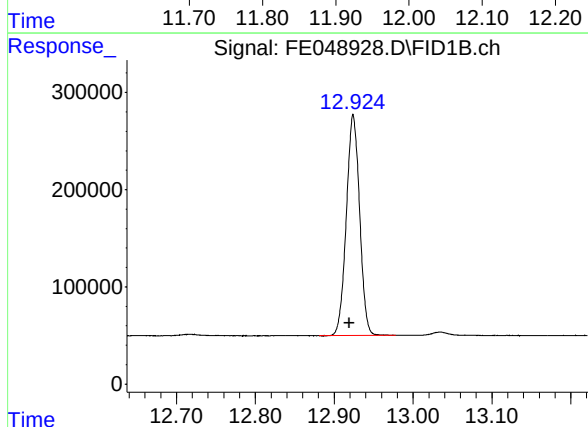
#9 ortho-Terphenyl (SURR)

R.T.: 11.935 min
Delta R.T.: 0.005 min
Response: 2873834
Conc: 17.19 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD

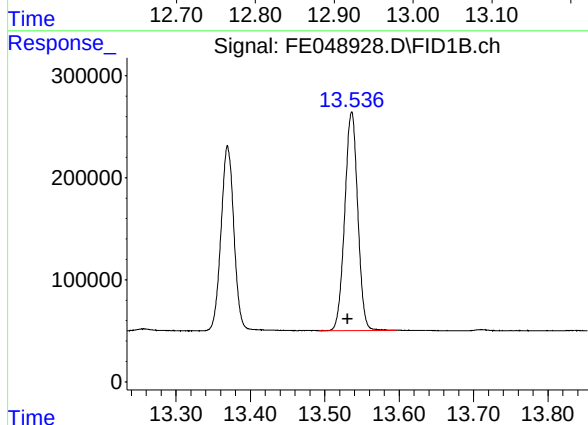
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 07/01/2024
Supervised By :Ankita Jodhani 07/01/2024



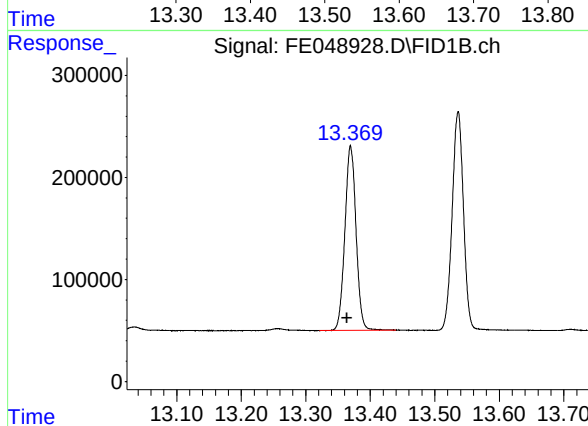
#10 n-Eicosane (C20)

R.T.: 12.924 min
Delta R.T.: 0.004 min
Response: 2658006
Conc: 17.14 ug/ml



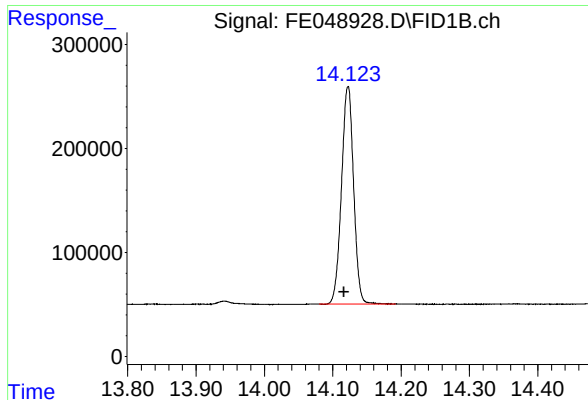
#11 n-Heneicosane (C21)

R.T.: 13.536 min
Delta R.T.: 0.005 min
Response: 2604683
Conc: 17.11 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.369 min
Delta R.T.: 0.006 min
Response: 2177838
Conc: 16.94 ug/ml



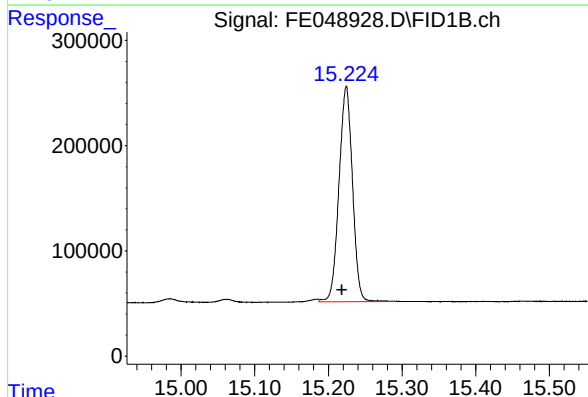
#13 n-Docosane (C22)

R.T.: 14.122 min
Delta R.T.: 0.006 min
Response: 2584548
Conc: 17.09 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD

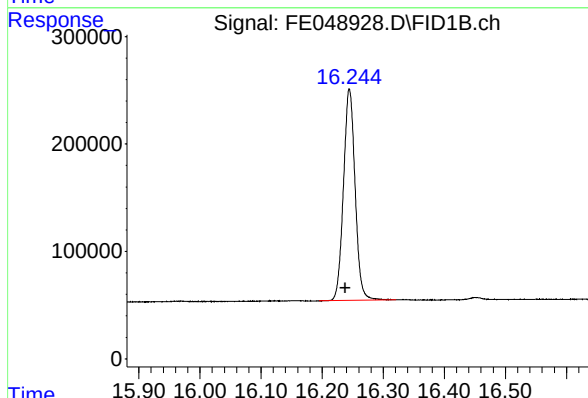
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 07/01/2024
Supervised By :Ankita Jodhani 07/01/2024



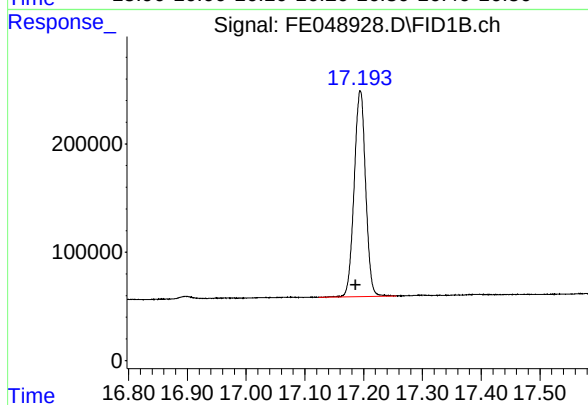
#14 n-Tetracosane (C24)

R.T.: 15.224 min
Delta R.T.: 0.006 min
Response: 2598257
Conc: 17.29 ug/ml m



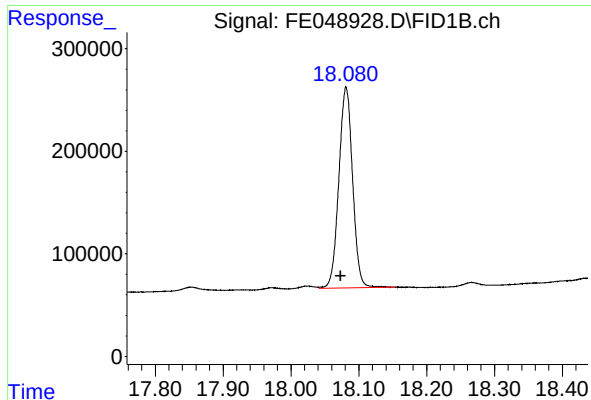
#15 n-Hexacosane (C26)

R.T.: 16.245 min
Delta R.T.: 0.006 min
Response: 2606510
Conc: 17.66 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.194 min
Delta R.T.: 0.008 min
Response: 2571948
Conc: 17.83 ug/ml



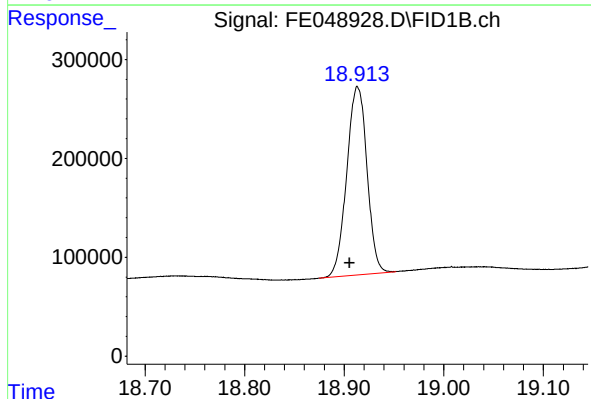
#17 n-Tricontane (C30)

R.T.: 18.081 min
Delta R.T.: 0.008 min
Response: 2766702
Conc: 18.91 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD

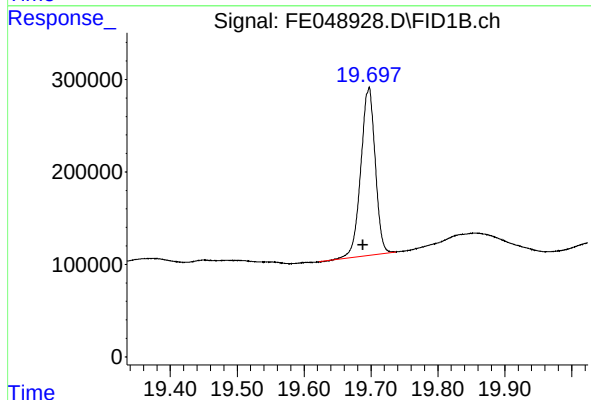
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 07/01/2024
Supervised By :Ankita Jodhani 07/01/2024



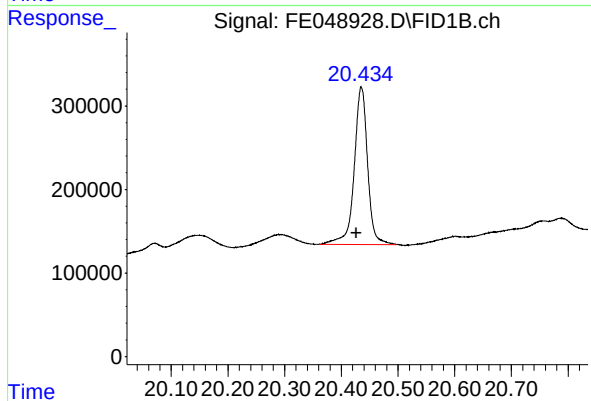
#18 n-Dotriacontane (C32)

R.T.: 18.913 min
Delta R.T.: 0.007 min
Response: 2688810
Conc: 18.81 ug/ml m



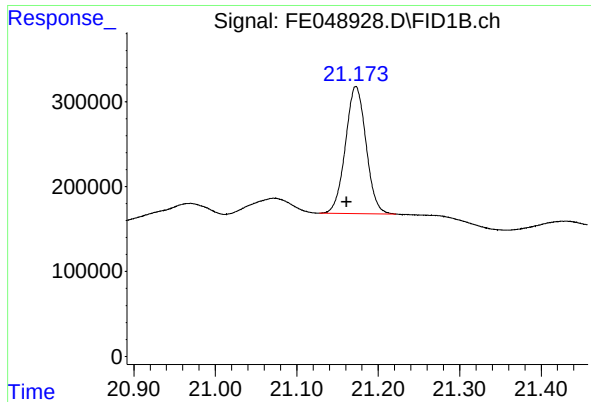
#19 n-Tetatriacontane (C34)

R.T.: 19.697 min
Delta R.T.: 0.009 min
Response: 2719354
Conc: 19.65 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 20.434 min
Delta R.T.: 0.008 min
Response: 3099894
Conc: 23.85 ug/ml m



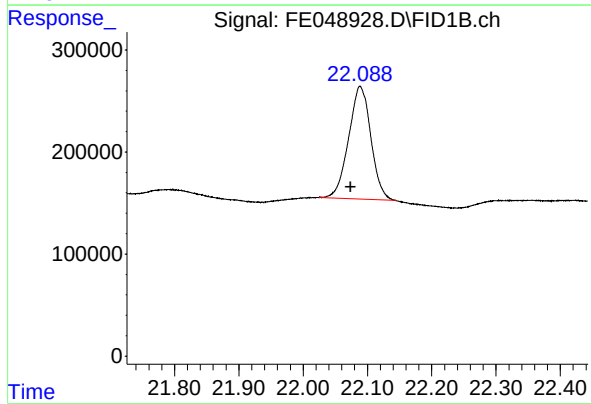
#21 n-Octatriacontane (C38)

R.T.: 21.173 min
Delta R.T.: 0.011 min
Response: 2631481
Conc: 20.53 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 07/01/2024
Supervised By :Ankita Jodhani 07/01/2024



#22 n-Tetracontane (C40)

R.T.: 22.088 min
Delta R.T.: 0.014 min
Response: 2657434
Conc: 21.70 ug/ml m