

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG011725AL\
 Data File : FG015117.D
 Signal(s) : FID1A.ch
 Acq On : 17 Jan 2025 13:39
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 01/21/2025
 Supervised By :Ankita Jodhani 01/21/2025

Integration File: sample.E
 Quant Time: Jan 18 03:48:52 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 011425.M
 Quant Title : GC Extractables
 QLast Update : Tue Jan 14 11:45:29 2025
 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)	11.945	3124791	19.986 ug/ml
Spiked Amount 50.000		Recovery =	39.97%
12) S 1-chlorooctadecane (S...	13.390	2457560	20.183 ug/ml
Spiked Amount 50.000		Recovery =	40.37%
Target Compounds			
1) T n-Nonane (C9)	3.286	2640403	20.337 ug/ml
2) T n-Decane (C10)	4.546	2718010	20.453 ug/ml
3) T A~Naphthalene (C11.7)	6.258	2995442	20.512 ug/ml
4) T n-Dodecane (C12)	6.726	2797453	20.578 ug/ml
5) T A~2-methylnaphthalene...	7.359	2931693	20.537 ug/ml
6) T n-Tetradecane (C14)	8.563	2819064	20.499 ug/ml
7) T n-Hexadecane (C16)	10.178	2936662	20.267 ug/ml
8) T n-Octadecane (C18)	11.628	2978255	20.038 ug/ml
10) T n-Eicosane (C20)	12.943	2866022	19.967 ug/ml
11) T n-Heneicosane (C21)	13.558	2815234	19.911 ug/ml
13) T n-Docosane (C22)	14.146	2784697	19.806 ug/ml
14) T n-Tetracosane (C24)	15.254	2738460	19.675 ug/ml
15) T n-Hexacosane (C26)	16.280	2644298	19.522 ug/ml
16) T n-Octacosane (C28)	17.234	2542728	19.322 ug/ml
17) T n-Tricontane (C30)	18.122	2553496	19.249 ug/ml
18) T n-Dotriacontane (C32)	18.958	2430231	19.269 ug/ml
19) T n-Tetratriacontane (C34)	19.743	2123492	19.503 ug/ml
20) T n-Hexatriacontane (C36)	20.485	1828379	19.584 ug/ml
21) T n-Octatriacontane (C38)	21.236	1727438	19.685 ug/ml
22) T n-Tetracontane (C40)	22.173	1730603	20.417 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG011725AL\
Data File : FG015117.D
Signal(s) : FID1A.ch
Acq On : 17 Jan 2025 13:39
Operator : YP\AJ
Sample : 20 PPM ALIPHATIC HC STD
Misc :
ALS Vial : 11 Sample Multiplier: 1

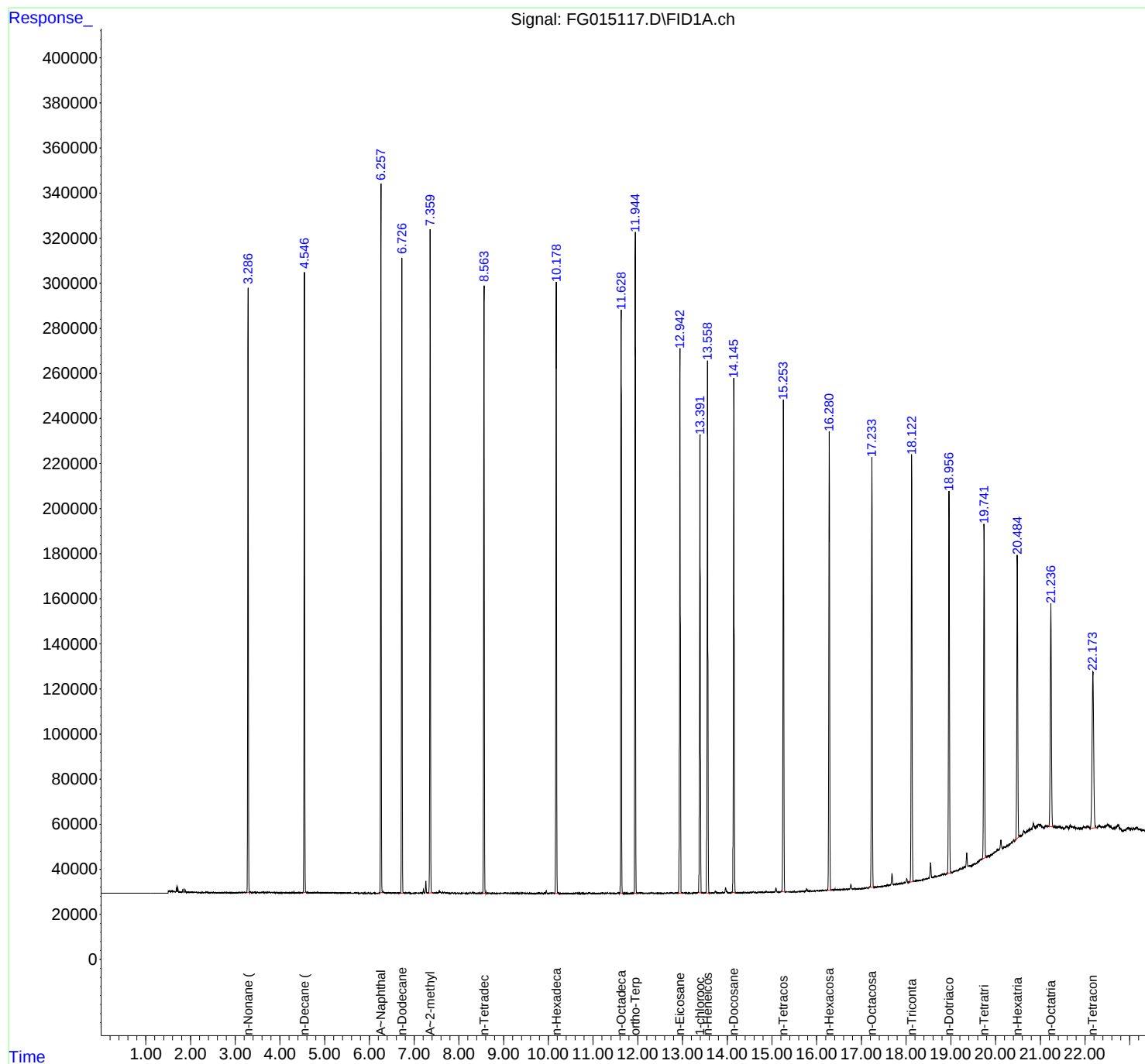
Instrument :
FID_G
ClientSampleId :
20 PPM ALIPHATIC HC STD

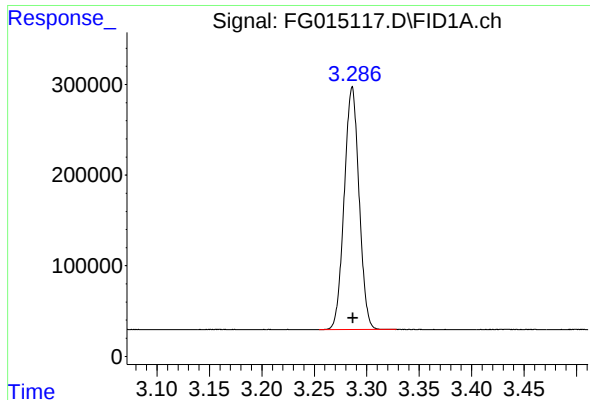
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 01/21/2025
Supervised By :Ankita Jodhani 01/21/2025

Integration File: sample.E
Quant Time: Jan 18 03:48:52 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 011425.M
Quant Title : GC Extractables
QLast Update : Tue Jan 14 11:45:29 2025
Response via : Initial Calibration
Integrator: ChemStation

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





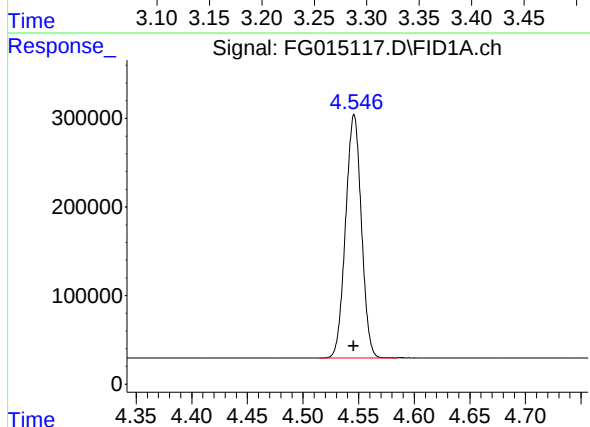
#1 n-Nonane (C9)

R.T.: 3.286 min
Delta R.T.: 0.000 min
Response: 2640403
Conc: 20.34 ug/ml

Instrument :
FID_G
ClientSampleId :
20 PPM ALIPHATIC HC STD

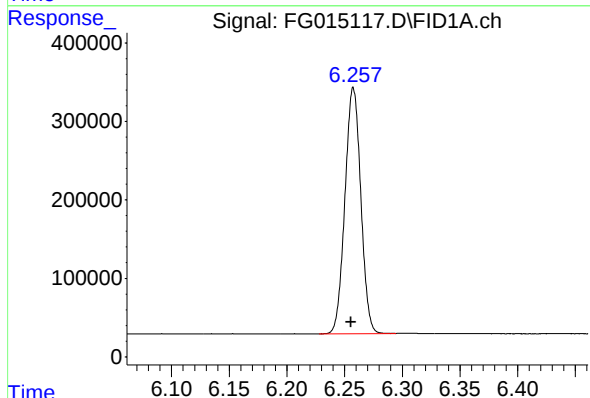
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 01/21/2025
Supervised By :Ankita Jodhani 01/21/2025



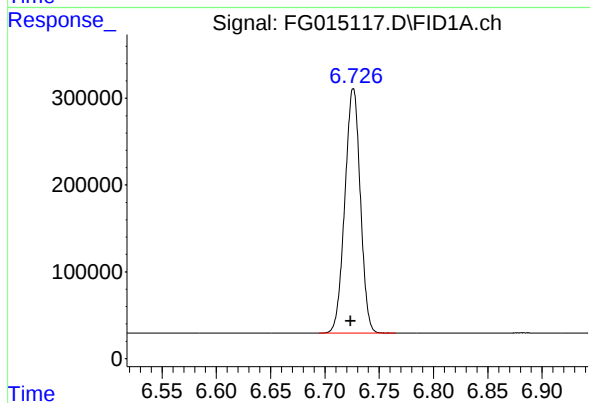
#2 n-Decane (C10)

R.T.: 4.546 min
Delta R.T.: 0.000 min
Response: 2718010
Conc: 20.45 ug/ml



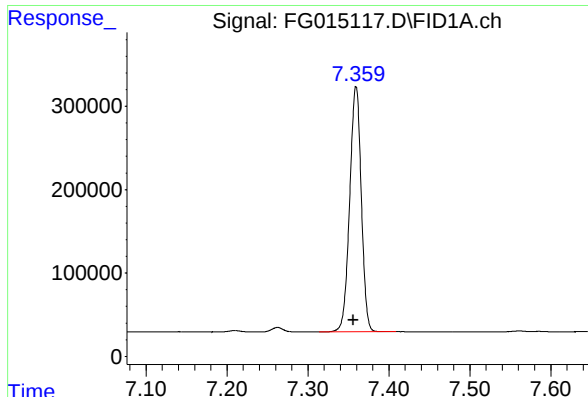
#3 A~Naphthalene (C11.7)

R.T.: 6.258 min
Delta R.T.: 0.002 min
Response: 2995442
Conc: 20.51 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.726 min
Delta R.T.: 0.002 min
Response: 2797453
Conc: 20.58 ug/ml



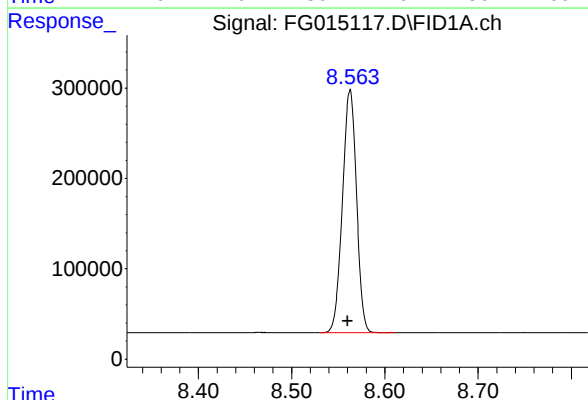
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.359 min
Delta R.T.: 0.003 min
Response: 2931693
Conc: 20.54 ug/ml

Instrument :
FID_G
ClientSampleId :
20 PPM ALIPHATIC HC STD

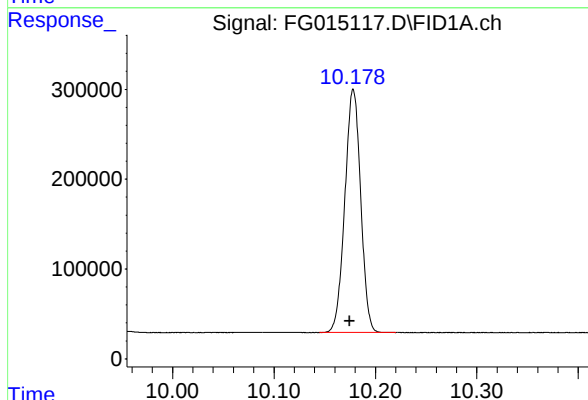
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 01/21/2025
Supervised By :Ankita Jodhani 01/21/2025



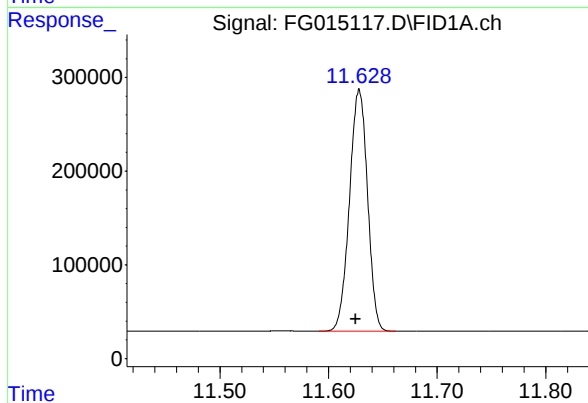
#6 n-Tetradecane (C14)

R.T.: 8.563 min
Delta R.T.: 0.003 min
Response: 2819064
Conc: 20.50 ug/ml



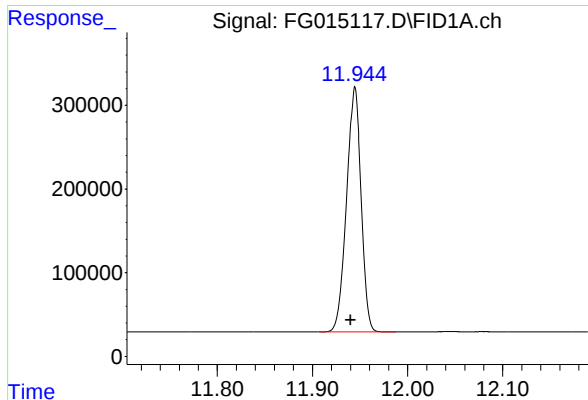
#7 n-Hexadecane (C16)

R.T.: 10.178 min
Delta R.T.: 0.003 min
Response: 2936662
Conc: 20.27 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.628 min
Delta R.T.: 0.003 min
Response: 2978255
Conc: 20.04 ug/ml



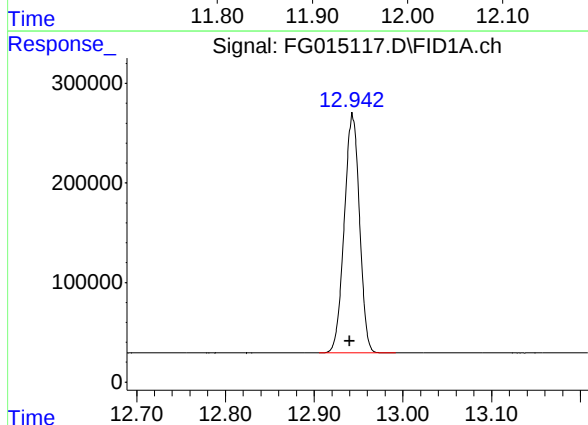
#9 ortho-Terphenyl (SURR)

R.T.: 11.945 min
Delta R.T.: 0.004 min
Response: 3124791
Conc: 19.99 ug/ml

Instrument :
FID_G
ClientSampleId :
20 PPM ALIPHATIC HC STD

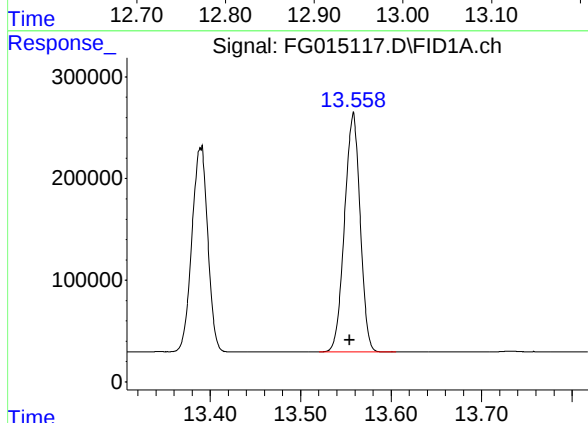
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 01/21/2025
Supervised By :Ankita Jodhani 01/21/2025



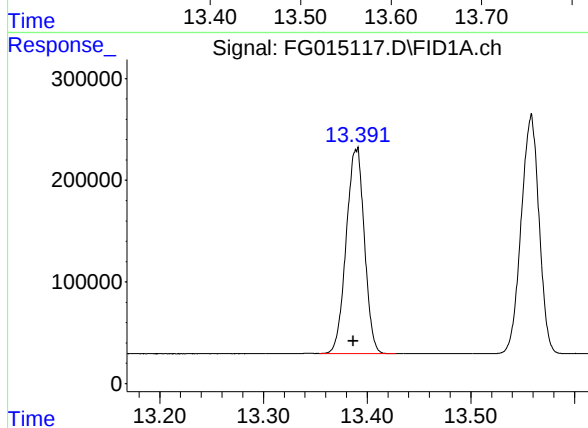
#10 n-Eicosane (C20)

R.T.: 12.943 min
Delta R.T.: 0.003 min
Response: 2866022
Conc: 19.97 ug/ml



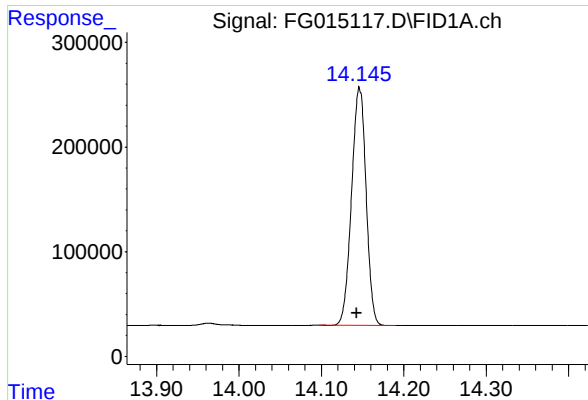
#11 n-Heneicosane (C21)

R.T.: 13.558 min
Delta R.T.: 0.004 min
Response: 2815234
Conc: 19.91 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.390 min
Delta R.T.: 0.003 min
Response: 2457560
Conc: 20.18 ug/ml



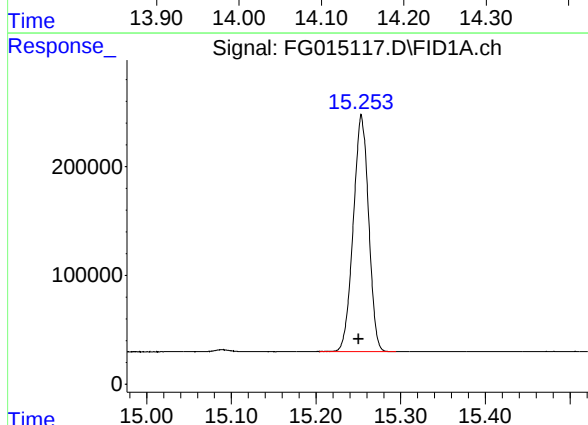
#13 n-Docosane (C22)

R.T.: 14.146 min
Delta R.T.: 0.004 min
Response: 2784697
Conc: 19.81 ug/ml

Instrument :
FID_G
ClientSampleId :
20 PPM ALIPHATIC HC STD

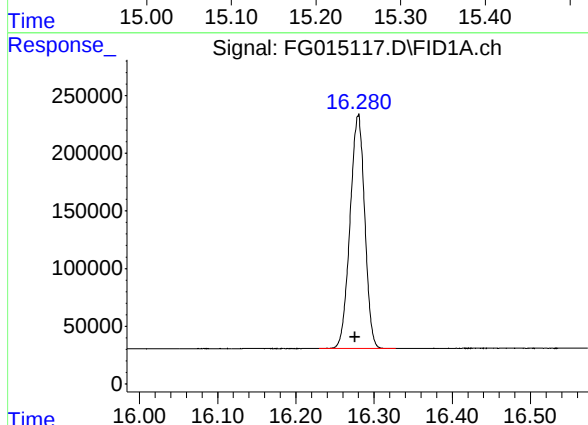
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 01/21/2025
Supervised By :Ankita Jodhani 01/21/2025



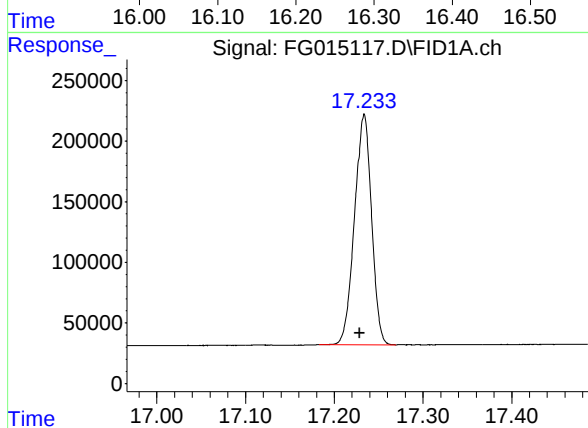
#14 n-Tetracosane (C24)

R.T.: 15.254 min
Delta R.T.: 0.003 min
Response: 2738460
Conc: 19.68 ug/ml



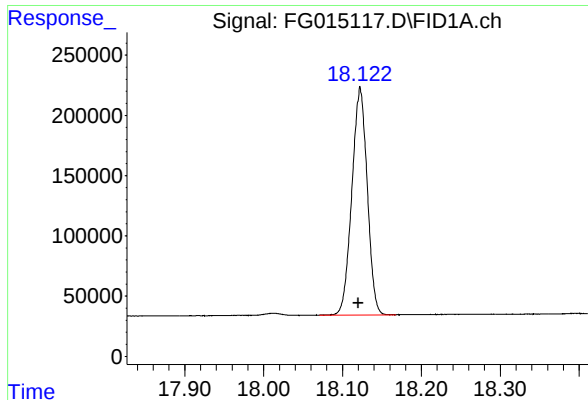
#15 n-Hexacosane (C26)

R.T.: 16.280 min
Delta R.T.: 0.004 min
Response: 2644298
Conc: 19.52 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.234 min
Delta R.T.: 0.005 min
Response: 2542728
Conc: 19.32 ug/ml



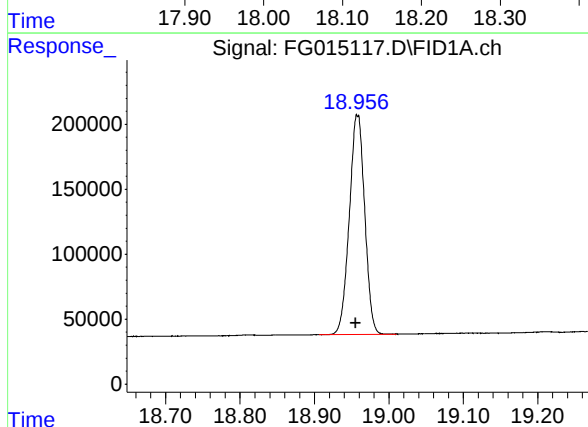
#17 n-Tricontane (C30)

R.T.: 18.122 min
Delta R.T.: 0.002 min
Response: 2553496
Conc: 19.25 ug/ml

Instrument :
FID_G
ClientSampleId :
20 PPM ALIPHATIC HC STD

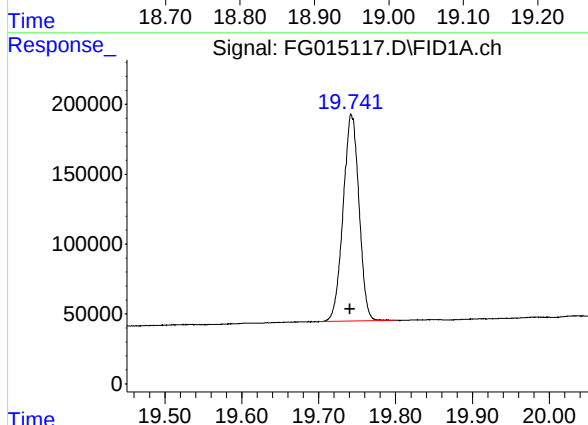
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 01/21/2025
Supervised By :Ankita Jodhani 01/21/2025



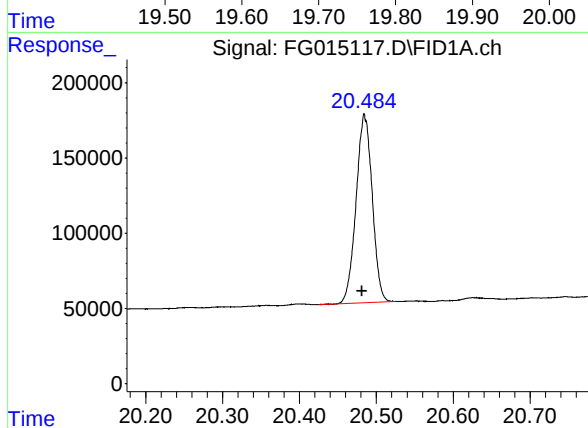
#18 n-Dotriacontane (C32)

R.T.: 18.958 min
Delta R.T.: 0.003 min
Response: 2430231
Conc: 19.27 ug/ml



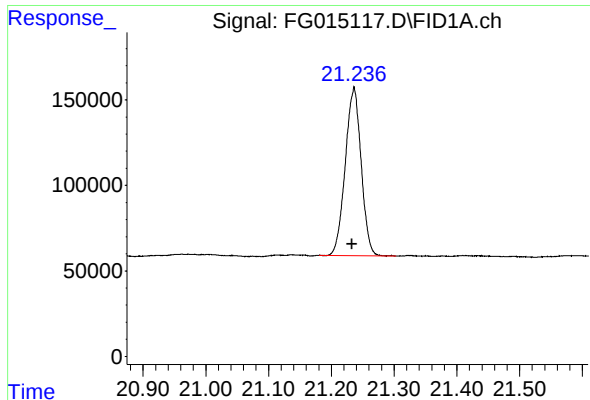
#19 n-Tetratriacontane (C34)

R.T.: 19.743 min
Delta R.T.: 0.002 min
Response: 2123492
Conc: 19.50 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.485 min
Delta R.T.: 0.003 min
Response: 1828379
Conc: 19.58 ug/ml



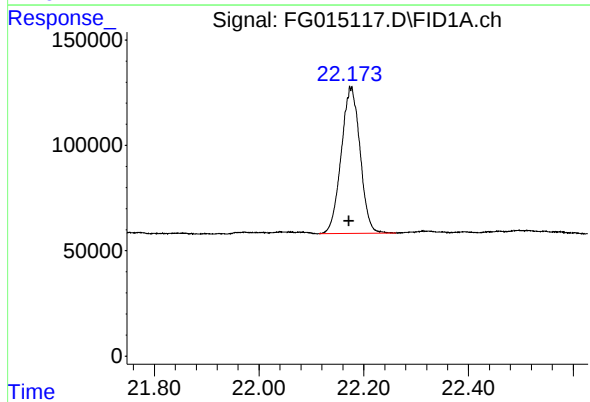
#21 n-Octatriacontane (C38)

R.T.: 21.236 min
Delta R.T.: 0.003 min
Response: 1727438
Conc: 19.68 ug/ml

Instrument :
FID_G
ClientSampleId :
20 PPM ALIPHATIC HC STD

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 01/21/2025
Supervised By :Ankita Jodhani 01/21/2025



#22 n-Tetracontane (C40)

R.T.: 22.173 min
Delta R.T.: 0.001 min
Response: 1730603
Conc: 20.42 ug/ml m