

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC060925AL\
 Data File : FC069136.D
 Signal(s) : FID1A.ch
 Acq On : 09 Jun 2025 17:37
 Operator : YP/AJ
 Sample : PB168324BSD
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 PB168324BSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/10/2025
 Supervised By :mohammad ahmed 06/11/2025

Integration File: autoint1.e
 Quant Time: Jun 10 05:24:09 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 052425.M
 Quant Title : GC Extractables
 QLast Update : Tue May 27 01:48:55 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			
12) S 1-chlorooctadecane (S...	13.114	3493029	38.935 ug/ml
Spiked Amount 50.000		Recovery =	77.87%
Target Compounds			
1) T n-Nonane (C9)	3.401	2327293	21.930 ug/ml
2) T n-Decane (C10)	4.476	2813430	26.565 ug/ml
4) T n-Dodecane (C12)	6.502	3093089	29.424 ug/ml
6) T n-Tetradecane (C14)	8.302	3187020	31.092 ug/ml
7) T n-Hexadecane (C16)	9.908	3360821	33.122 ug/ml
8) T n-Octadecane (C18)	11.352	3424204	34.261 ug/mlm
10) T n-Eicosane (C20)	12.668	3665722	37.637 ug/ml
11) T n-Heneicosane (C21)	13.281	3589570	37.293 ug/ml
13) T n-Docosane (C22)	13.869	3602528	37.814 ug/ml
14) T n-Tetracosane (C24)	14.974	3622735	38.477 ug/ml
15) T n-Hexacosane (C26)	15.997	3574251	38.498 ug/ml
16) T n-Octacosane (C28)	16.949	3545854	38.147 ug/ml
17) T n-Tricontane (C30)	17.839	3586320	37.065 ug/ml
18) T n-Dotriacontane (C32)	18.673	3613612	36.465 ug/ml
19) T n-Tetratriacontane (C34)	19.460	3648561	37.856 ug/ml
20) T n-Hexatriacontane (C36)	20.202	3586181	37.777 ug/ml
21) T n-Octatriacontane (C38)	20.973	3483420	38.181 ug/ml
22) T n-Tetracontane (C40)	21.942	3122908	35.393 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC060925AL\
Data File : FC069136.D
Signal(s) : FID1A.ch
Acq On : 09 Jun 2025 17:37
Operator : YP/AJ
Sample : PB168324BSD
Misc :
ALS Vial : 13 Sample Multiplier: 1

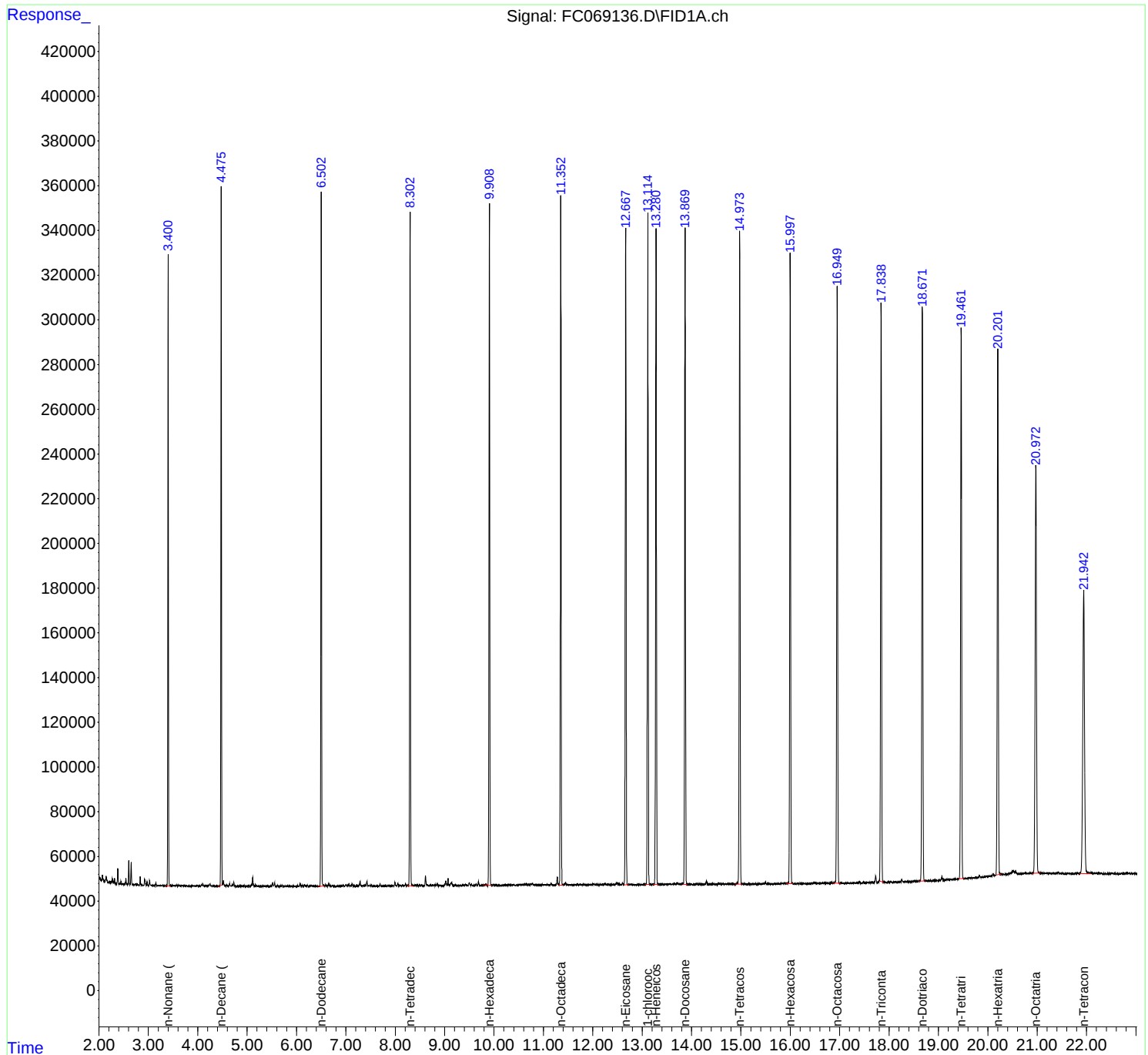
Instrument :
FID_C
ClientSampleId :
PB168324BSD

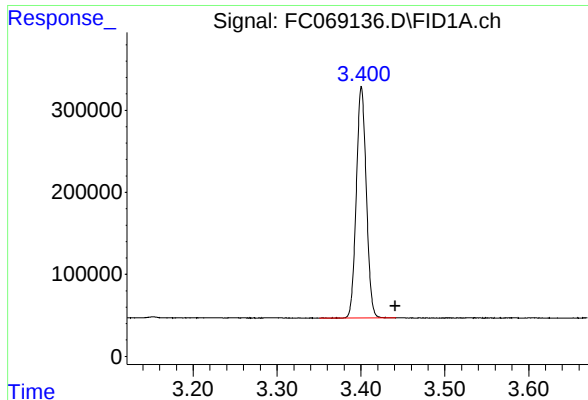
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 06/10/2025
Supervised By :mohammad ahmed 06/11/2025

Integration File: autoint1.e
Quant Time: Jun 10 05:24:09 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 052425.M
Quant Title : GC Extractables
QLast Update : Tue May 27 01:48:55 2025
Response via : Initial Calibration
Integrator: ChemStation

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





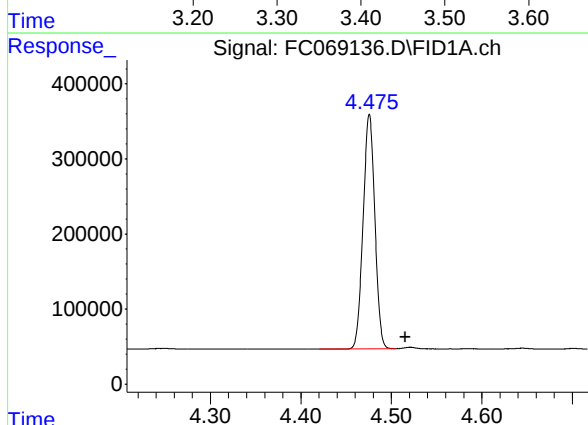
#1 n-Nonane (C9)

R.T.: 3.401 min
Delta R.T.: -0.040 min
Response: 2327293
Conc: 21.93 ug/ml

Instrument :
FID_C
ClientSampleId :
PB168324BSD

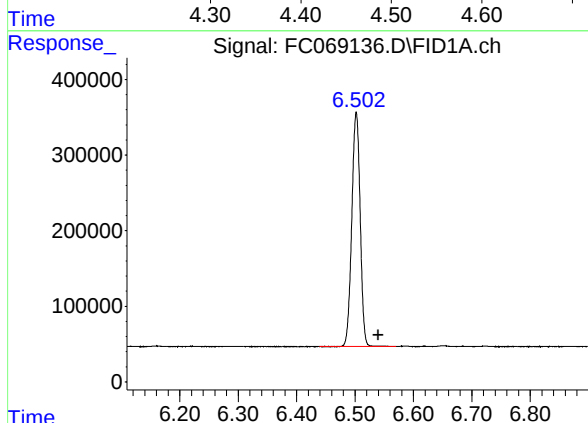
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 06/10/2025
Supervised By :mohammad ahmed 06/11/2025



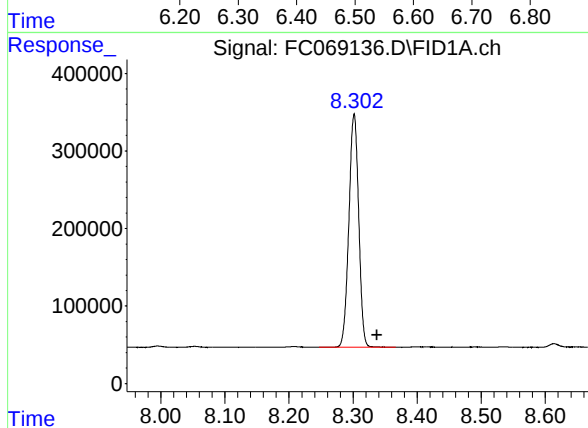
#2 n-Decane (C10)

R.T.: 4.476 min
Delta R.T.: -0.040 min
Response: 2813430
Conc: 26.57 ug/ml



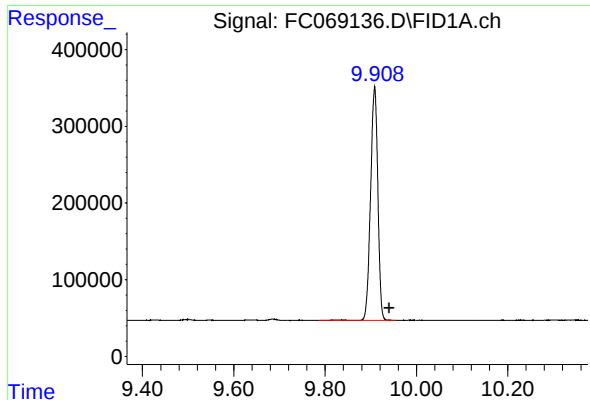
#4 n-Dodecane (C12)

R.T.: 6.502 min
Delta R.T.: -0.038 min
Response: 3093089
Conc: 29.42 ug/ml



#6 n-Tetradecane (C14)

R.T.: 8.302 min
Delta R.T.: -0.036 min
Response: 3187020
Conc: 31.09 ug/ml



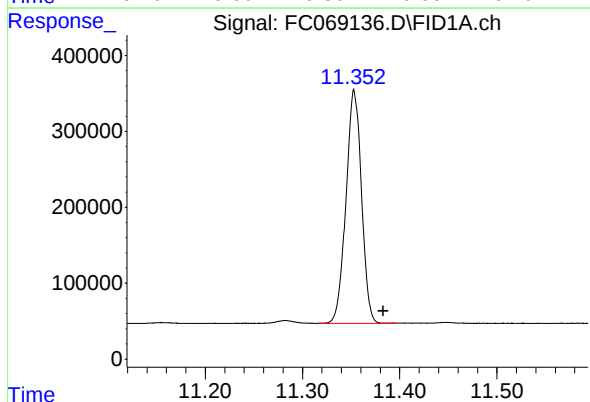
#7 n-Hexadecane (C16)

R.T.: 9.908 min
Delta R.T.: -0.032 min
Response: 3360821
Conc: 33.12 ug/ml

Instrument :
FID_C
ClientSampleId :
PB168324BSD

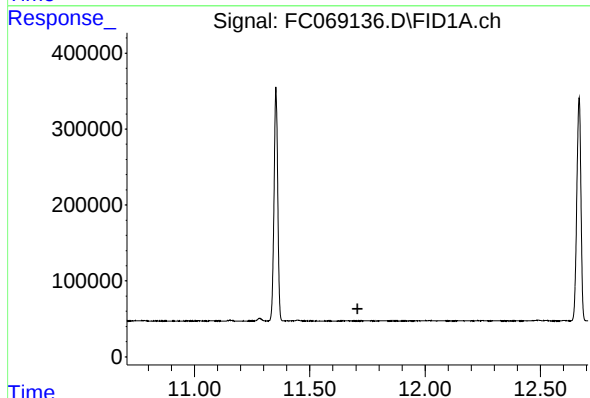
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 06/10/2025
Supervised By :mohammad ahmed 06/11/2025



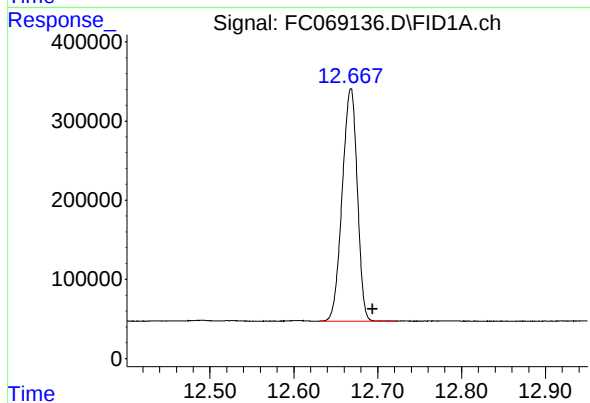
#8 n-Octadecane (C18)

R.T.: 11.352 min
Delta R.T.: -0.031 min
Response: 3424204
Conc: 34.26 ug/ml



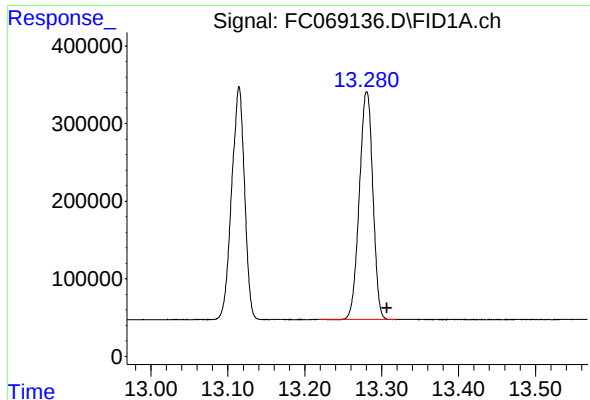
#9 ortho-Terphenyl (SURR)

R.T.: 0.000 min
Exp R.T. : 11.707 min
Response: 0
Conc: N.D.



#10 n-Eicosane (C20)

R.T.: 12.668 min
Delta R.T.: -0.026 min
Response: 3665722
Conc: 37.64 ug/ml



#11 n-Heneicosane (C21)

R.T.: 13.281 min
Delta R.T.: -0.026 min
Response: 3589570
Conc: 37.29 ug/ml

Instrument :

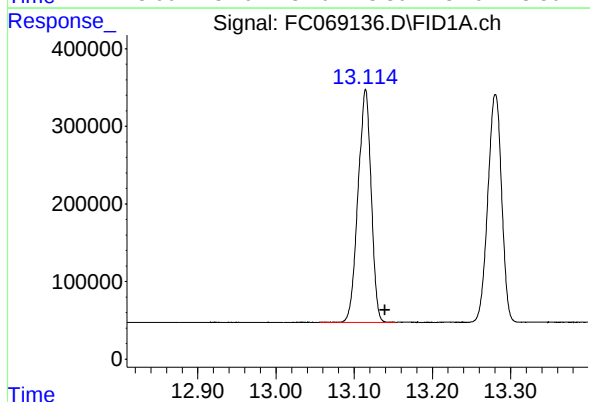
FID_C

ClientSampleId :

PB168324BSD

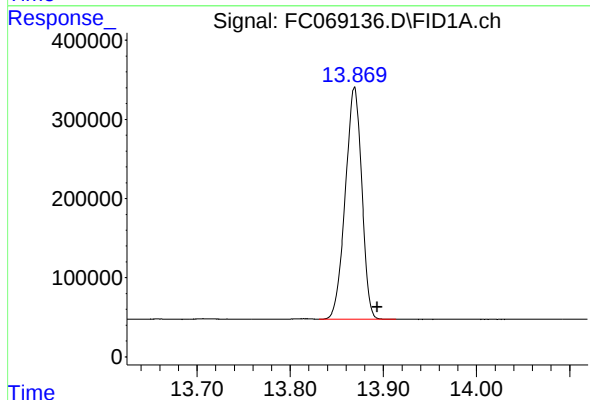
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 06/10/2025
Supervised By :mohammad ahmed 06/11/2025



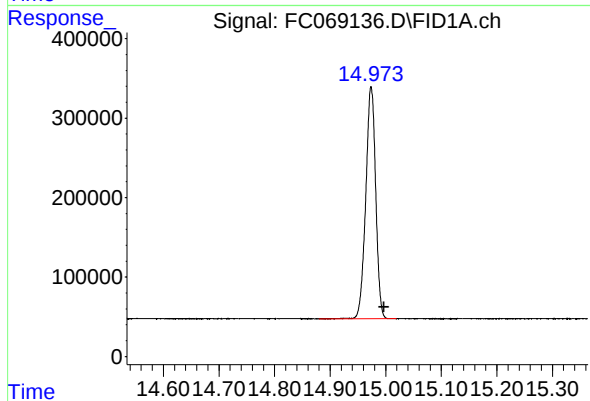
#12 1-chlorooctadecane (SURR)

R.T.: 13.114 min
Delta R.T.: -0.025 min
Response: 3493029
Conc: 38.94 ug/ml



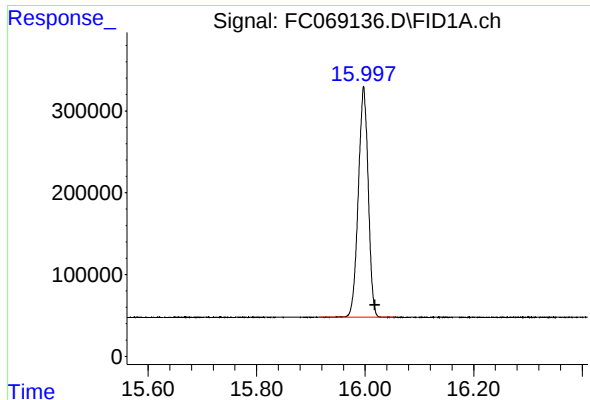
#13 n-Docosane (C22)

R.T.: 13.869 min
Delta R.T.: -0.024 min
Response: 3602528
Conc: 37.81 ug/ml



#14 n-Tetracosane (C24)

R.T.: 14.974 min
Delta R.T.: -0.023 min
Response: 3622735
Conc: 38.48 ug/ml



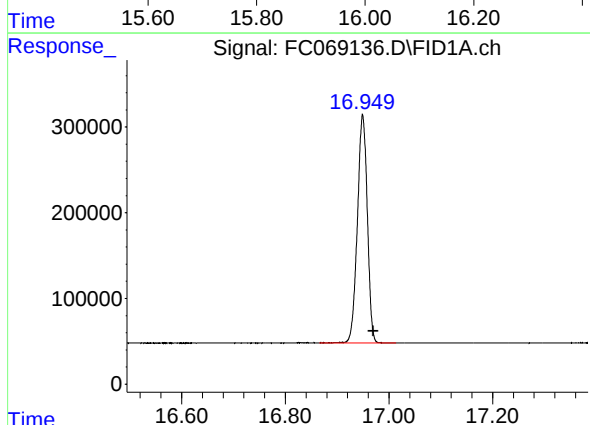
#15 n-Hexacosane (C26)

R.T.: 15.997 min
Delta R.T.: -0.021 min
Response: 3574251
Conc: 38.50 ug/ml

Instrument :
FID_C
ClientSampleId :
PB168324BSD

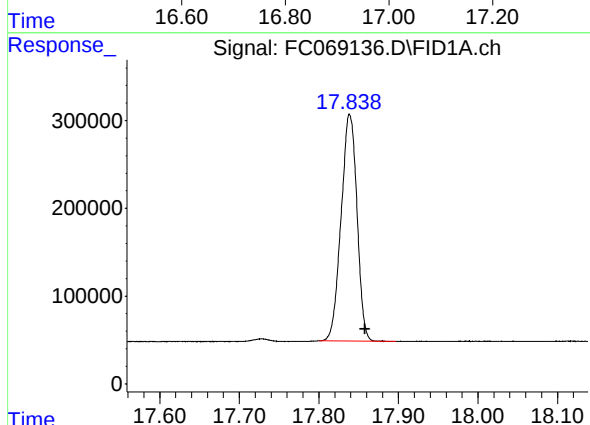
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 06/10/2025
Supervised By :mohammad ahmed 06/11/2025



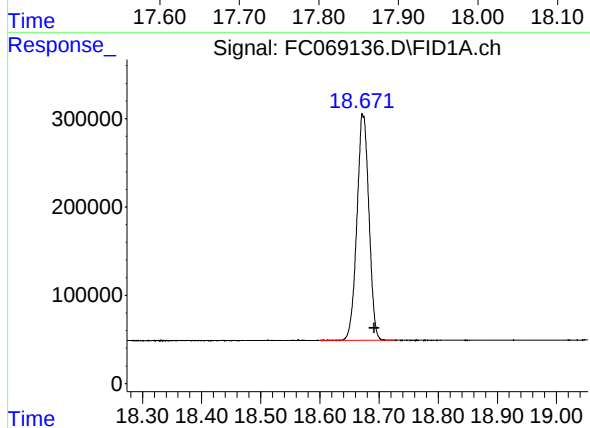
#16 n-Octacosane (C28)

R.T.: 16.949 min
Delta R.T.: -0.020 min
Response: 3545854
Conc: 38.15 ug/ml



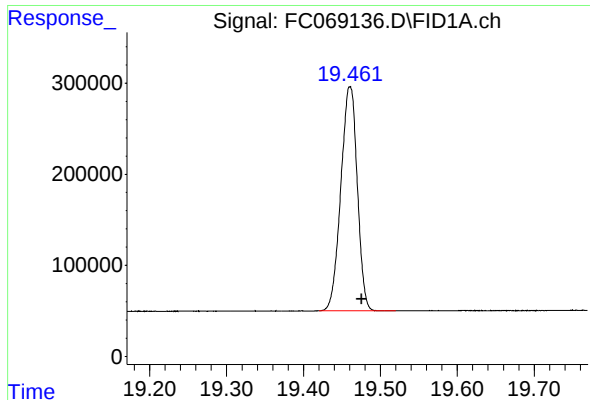
#17 n-Tricontane (C30)

R.T.: 17.839 min
Delta R.T.: -0.019 min
Response: 3586320
Conc: 37.07 ug/ml



#18 n-Dotriacontane (C32)

R.T.: 18.673 min
Delta R.T.: -0.019 min
Response: 3613612
Conc: 36.47 ug/ml



#19 n-Tetratriacontane (C34)

R.T.: 19.460 min
Delta R.T.: -0.015 min
Response: 3648561
Conc: 37.86 ug/ml

Instrument :

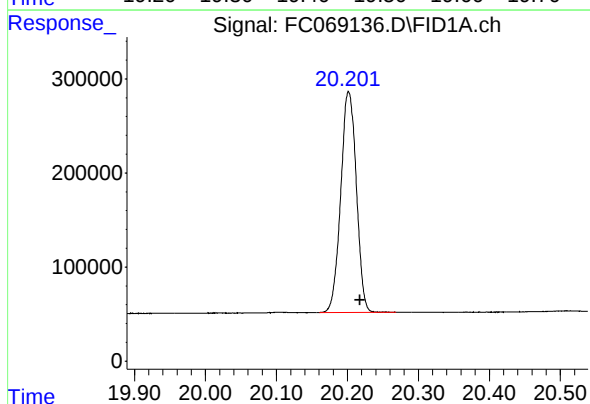
FID_C

ClientSampleId :

PB168324BSD

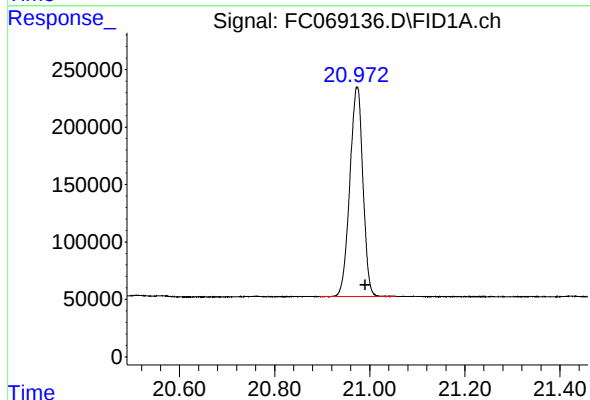
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 06/10/2025
Supervised By :mohammad ahmed 06/11/2025



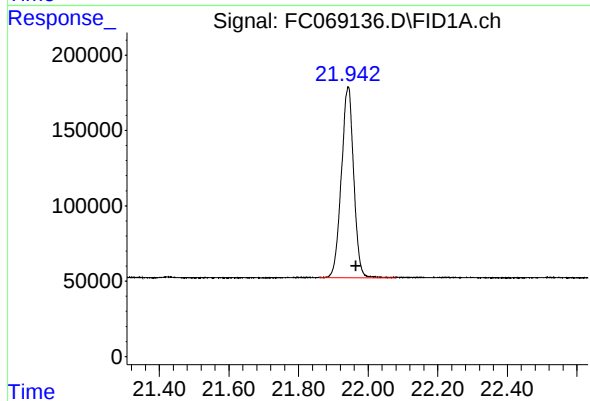
#20 n-Hexatriacontane (C36)

R.T.: 20.202 min
Delta R.T.: -0.016 min
Response: 3586181
Conc: 37.78 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.973 min
Delta R.T.: -0.017 min
Response: 3483420
Conc: 38.18 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.942 min
Delta R.T.: -0.023 min
Response: 3122908
Conc: 35.39 ug/ml m