

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC060625AL\
 Data File : FC069122.D
 Signal(s) : FID1A.ch
 Acq On : 06 Jun 2025 22:53
 Operator : YP/AJ
 Sample : PB168322BS
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 PB168322BS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/09/2025
 Supervised By :mohammad ahmed 06/10/2025

Integration File: autoint1.e
 Quant Time: Jun 07 02:43:46 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			
9) S ortho-Terphenyl (SURR)	11.680	5438855	44.095 ug/ml
Spiked Amount 50.000		Recovery =	88.19%
12) S 1-chlorooctadecane (S...	13.116	4191394	46.720 ug/ml
Spiked Amount 50.000		Recovery =	93.44%
Target Compounds			
1) T n-Nonane (C9)	3.414	4950648	46.650 ug/ml
2) T n-Decane (C10)	4.484	5487292	51.812 ug/mlm
3) T A~Naphthalene (C11.7)	6.076	6612293	57.182 ug/ml
4) T n-Dodecane (C12)	6.507	5695016	54.175 ug/ml
5) T A~2-methylnaphthalene...	7.135	6034984	53.233 ug/ml
6) T n-Tetradecane (C14)	8.308	5480491	53.466 ug/ml
7) T n-Hexadecane (C16)	9.912	5386585	53.087 ug/ml
8) T n-Octadecane (C18)	11.358	5171199	51.741 ug/ml
10) T n-Eicosane (C20)	12.671	5287573	54.288 ug/ml
11) T n-Heneicosane (C21)	13.283	5055338	52.521 ug/ml
13) T n-Docosane (C22)	13.872	5001531	52.499 ug/ml
14) T n-Tetracosane (C24)	14.968	10639292	113.000 ug/ml
15) T n-Hexacosane (C26)	16.002	4910730	52.894 ug/ml
16) T n-Octacosane (C28)	16.953	4911589	52.840 ug/ml
17) T n-Tricontane (C30)	17.844	4908904	50.734 ug/ml
18) T n-Dotriacontane (C32)	18.678	4925455	49.703 ug/ml
19) T n-Tetratriacontane (C34)	19.463	5127223	53.198 ug/ml
20) T n-Hexatriacontane (C36)	20.205	5031767	53.005 ug/ml
21) T n-Octatriacontane (C38)	20.978	5107849	55.986 ug/ml
22) T n-Tetracontane (C40)	21.948	4946285	56.058 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC060625AL\
Data File : FC069122.D
Signal(s) : FID1A.ch
Acq On : 06 Jun 2025 22:53
Operator : YP/AJ
Sample : PB168322BS
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :

FID_C

Client SampleId :

PB168322BS

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/09/2025

Supervised By :mohammad ahmed 06/10/2025

Integration File: autoint1.e

Quant Time: Jun 07 02:43:46 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

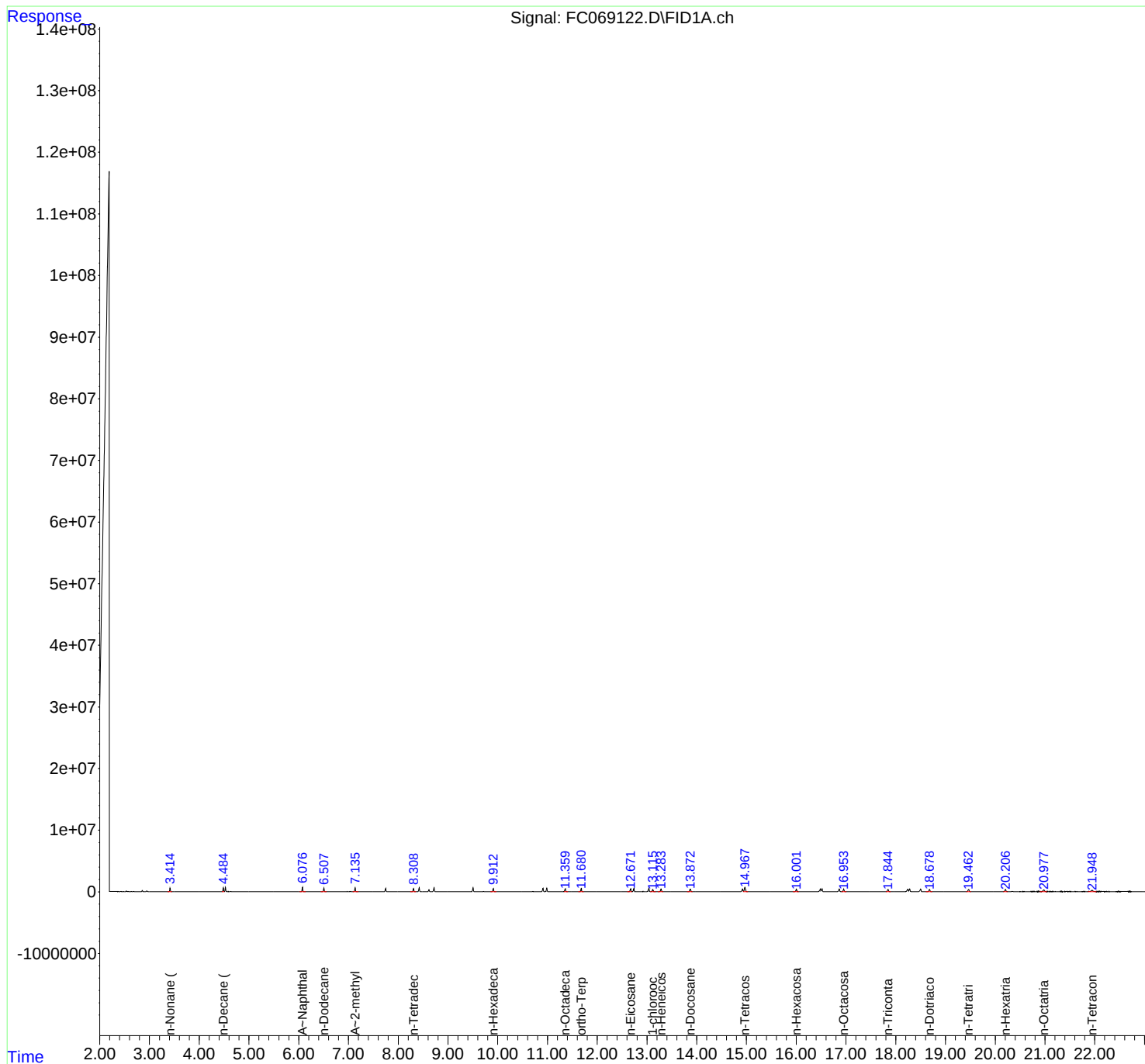
Response via : Initial Calibration

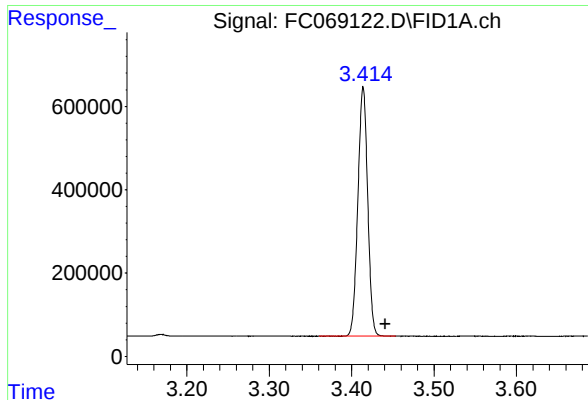
Integrator: ChemStation

Volume Inj. : 1 ul

Signal Phase : Rxi-1ms

Signal Info : 20M x 0.18mm x 0.18um





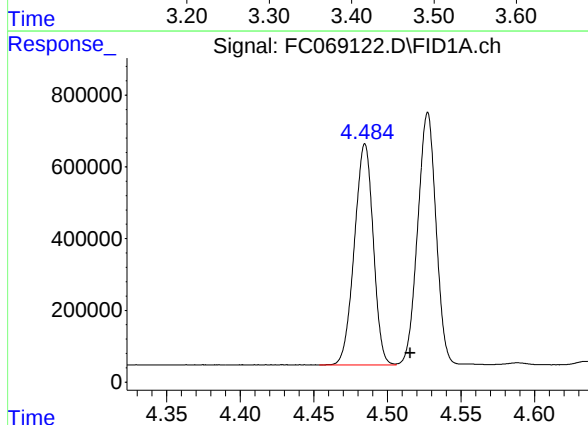
#1 n-Nonane (C9)

R.T.: 3.414 min
Delta R.T.: -0.027 min
Response: 4950648
Conc: 46.65 ug/ml

Instrument :
FID_C
ClientSampleId :
PB168322BS

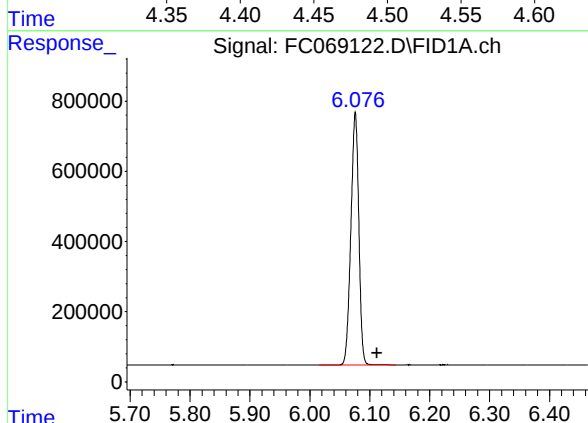
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 06/09/2025
Supervised By :mohammad ahmed 06/10/2025



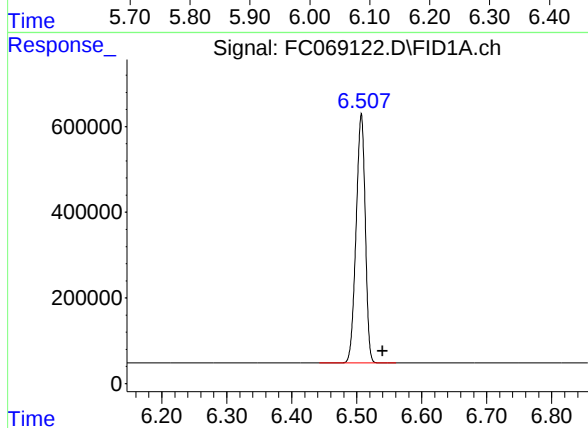
#2 n-Decane (C10)

R.T.: 4.484 min
Delta R.T.: -0.031 min
Response: 5487292
Conc: 51.81 ug/ml



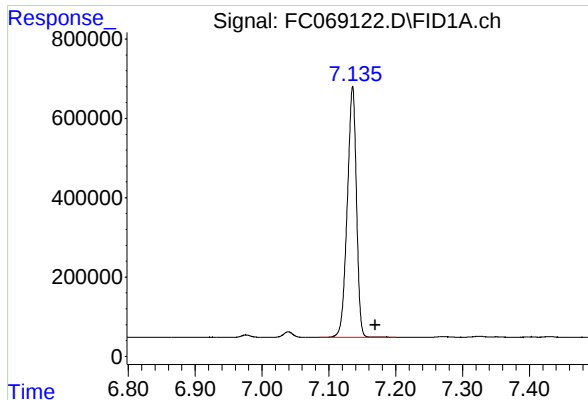
#3 A~Naphthalene (C11.7)

R.T.: 6.076 min
Delta R.T.: -0.036 min
Response: 6612293
Conc: 57.18 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.507 min
Delta R.T.: -0.033 min
Response: 5695016
Conc: 54.18 ug/ml



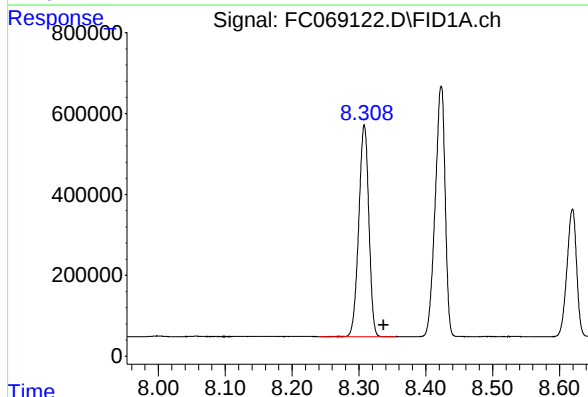
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.135 min
Delta R.T.: -0.035 min
Response: 6034984
Conc: 53.23 ug/ml

Instrument :
FID_C
ClientSampleId :
PB168322BS

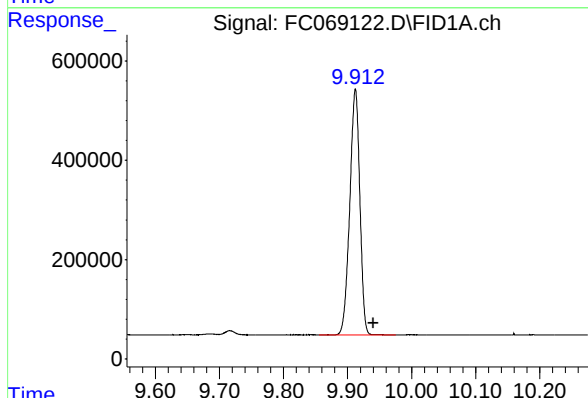
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 06/09/2025
Supervised By :mohammad ahmed 06/10/2025



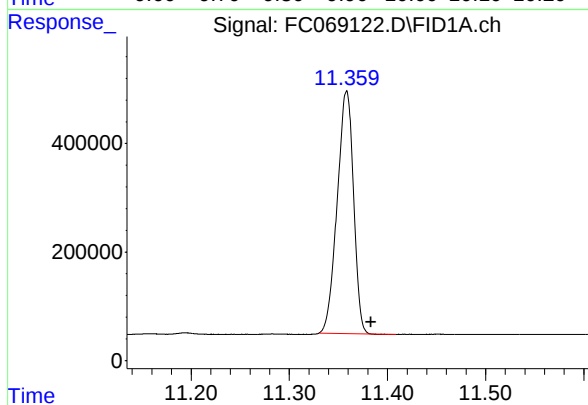
#6 n-Tetradecane (C14)

R.T.: 8.308 min
Delta R.T.: -0.029 min
Response: 5480491
Conc: 53.47 ug/ml



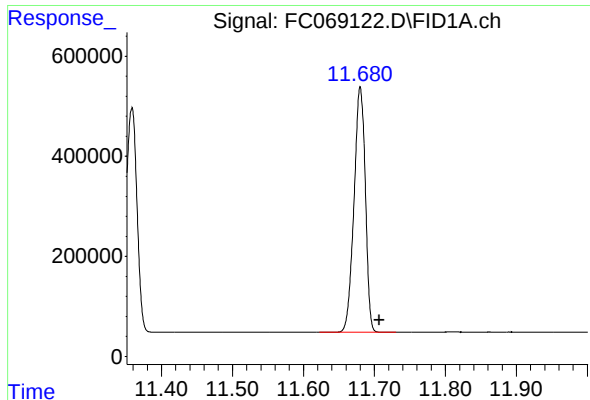
#7 n-Hexadecane (C16)

R.T.: 9.912 min
Delta R.T.: -0.028 min
Response: 5386585
Conc: 53.09 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.358 min
Delta R.T.: -0.025 min
Response: 5171199
Conc: 51.74 ug/ml



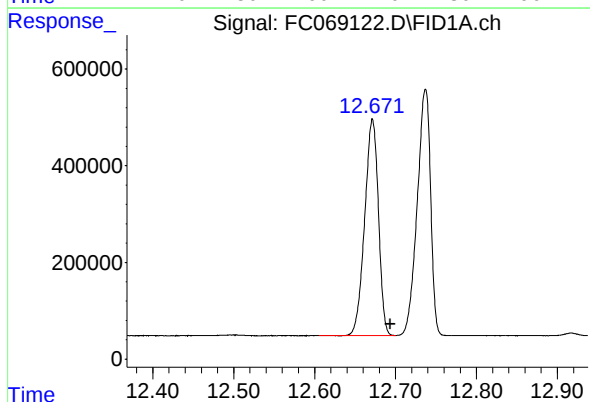
#9 ortho-Terphenyl (SURR)

R.T.: 11.680 min
Delta R.T.: -0.027 min
Response: 5438855
Conc: 44.09 ug/ml

Instrument :
FID_C
ClientSampleId :
PB168322BS

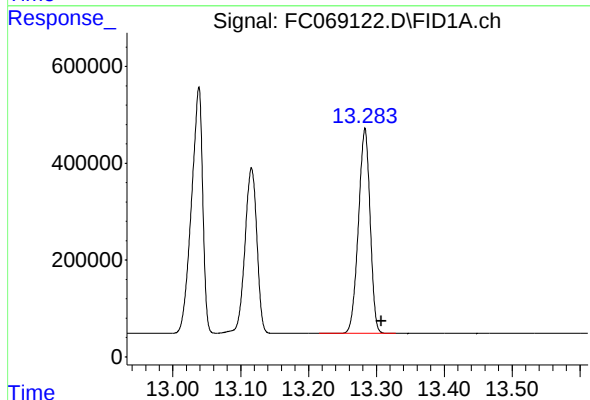
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 06/09/2025
Supervised By :mohammad ahmed 06/10/2025



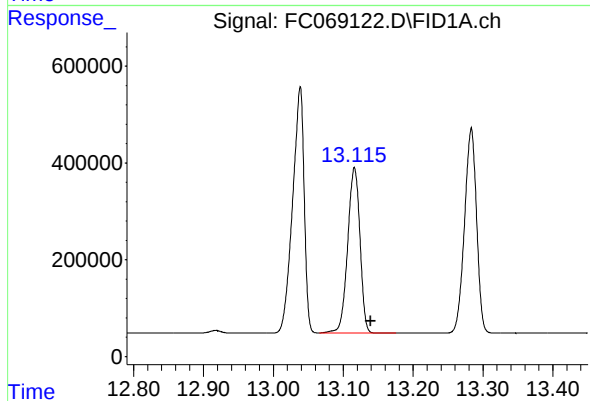
#10 n-Eicosane (C20)

R.T.: 12.671 min
Delta R.T.: -0.022 min
Response: 5287573
Conc: 54.29 ug/ml



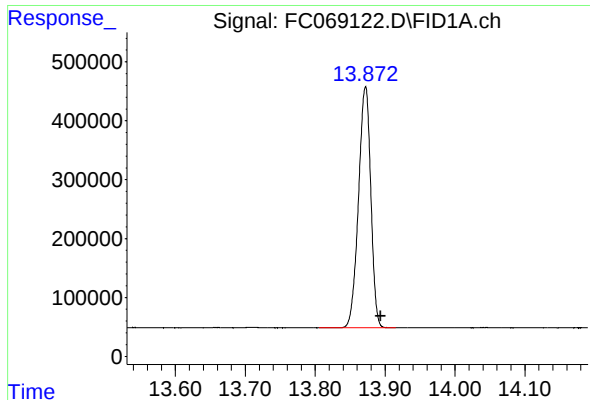
#11 n-Heneicosane (C21)

R.T.: 13.283 min
Delta R.T.: -0.024 min
Response: 5055338
Conc: 52.52 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.116 min
Delta R.T.: -0.023 min
Response: 4191394
Conc: 46.72 ug/ml



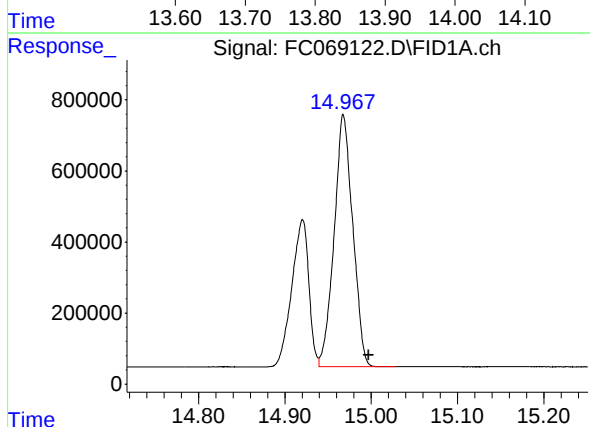
#13 n-Docosane (C22)

R.T.: 13.872 min
Delta R.T.: -0.022 min
Response: 5001531
Conc: 52.50 ug/ml

Instrument :
FID_C
ClientSampleId :
PB168322BS

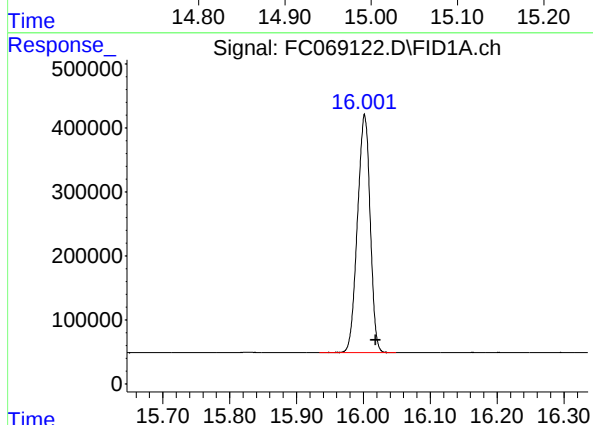
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 06/09/2025
Supervised By :mohammad ahmed 06/10/2025



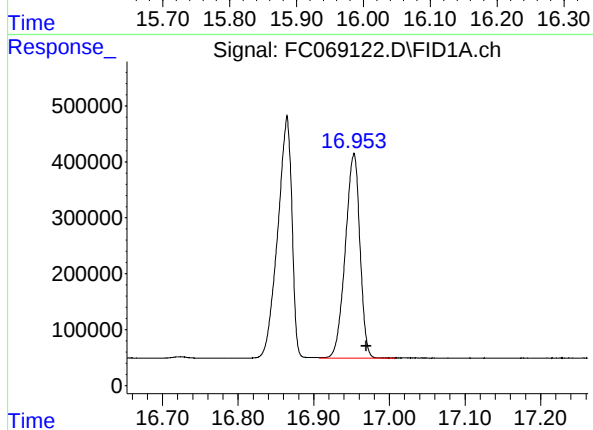
#14 n-Tetracosane (C24)

R.T.: 14.968 min
Delta R.T.: -0.029 min
Response: 10639292
Conc: 113.00 ug/ml



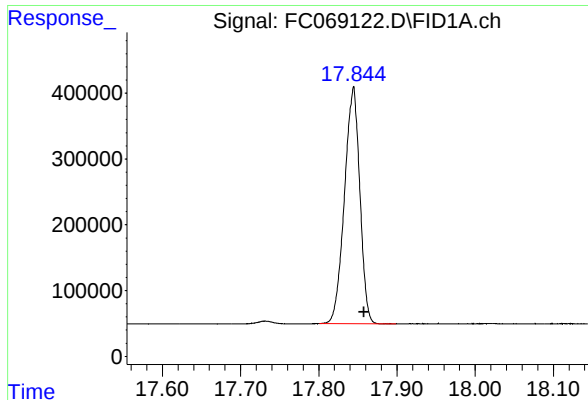
#15 n-Hexacosane (C26)

R.T.: 16.002 min
Delta R.T.: -0.017 min
Response: 4910730
Conc: 52.89 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.953 min
Delta R.T.: -0.017 min
Response: 4911589
Conc: 52.84 ug/ml



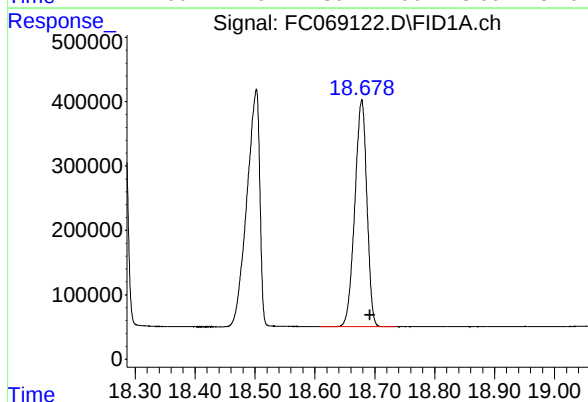
#17 n-Tricontane (C30)

R.T.: 17.844 min
Delta R.T.: -0.014 min
Response: 4908904
Conc: 50.73 ug/ml

Instrument :
FID_C
ClientSampleId :
PB168322BS

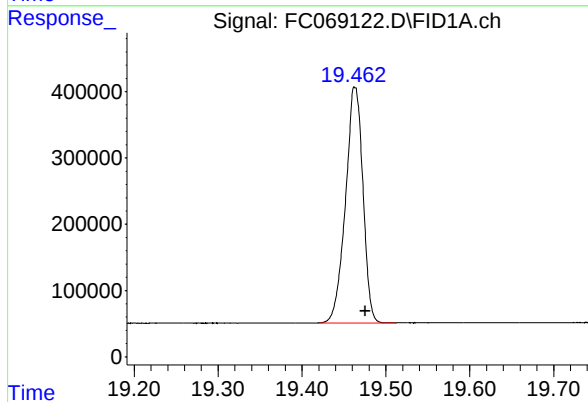
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 06/09/2025
Supervised By :mohammad ahmed 06/10/2025



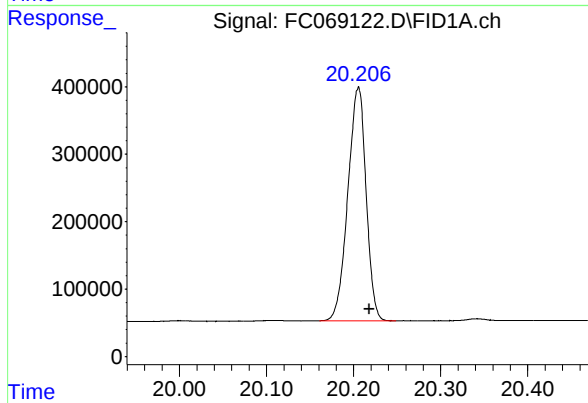
#18 n-Dotriacontane (C32)

R.T.: 18.678 min
Delta R.T.: -0.014 min
Response: 4925455
Conc: 49.70 ug/ml



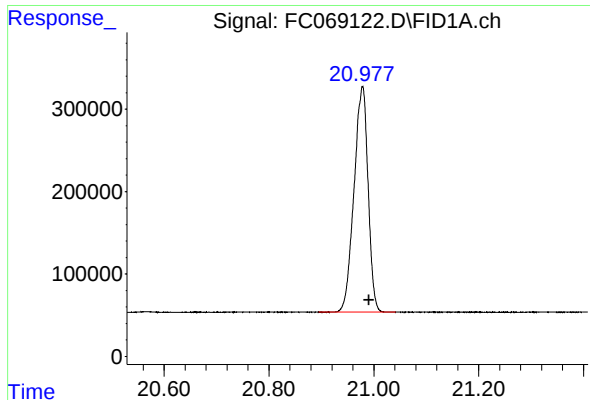
#19 n-Tetatriacontane (C34)

R.T.: 19.463 min
Delta R.T.: -0.012 min
Response: 5127223
Conc: 53.20 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.205 min
Delta R.T.: -0.013 min
Response: 5031767
Conc: 53.01 ug/ml



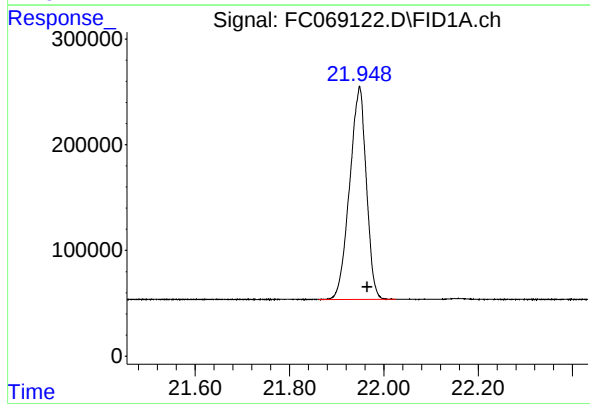
#21 n-Octatriacontane (C38)

R.T.: 20.978 min
Delta R.T.: -0.013 min
Response: 5107849
Conc: 55.99 ug/ml

Instrument :
FID_C
ClientSampleId :
PB168322BS

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 06/09/2025
Supervised By :mohammad ahmed 06/10/2025



#22 n-Tetracontane (C40)

R.T.: 21.948 min
Delta R.T.: -0.017 min
Response: 4946285
Conc: 56.06 ug/ml m