

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC100225AL\
 Data File : FC069904.D
 Signal(s) : FID1A.ch
 Acq On : 01 Oct 2025 20:06
 Operator : YP/AJ
 Sample : Q3253-01MS
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 ARS20-0009MS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/03/2025
 Supervised By :mohammad ahmed 10/04/2025

Integration File: autoint1.e
 Quant Time: Oct 03 04:31:51 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 092325.M
 Quant Title : GC Extractables
 Qlast Update : Tue Sep 23 14:56:40 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)	11.653	7144957	38.147 ug/mlm
Spiked Amount 50.000		Recovery =	76.29%
12) S 1-chlorooctadecane (S...	13.088	5352631	33.895 ug/mlm
Spiked Amount 50.000		Recovery =	67.79%
Target Compounds			
1) T n-Nonane (C9)	3.386	3850003	30.033 ug/ml
2) T n-Decane (C10)	4.458	4613442	34.719 ug/ml
3) T A~Naphthalene (C11.7)	6.050	5754726	38.766 ug/ml
4) T n-Dodecane (C12)	6.480	5686394	40.763 ug/ml
5) T A~2-methylnaphthalene...	7.109	6094086	41.276 ug/ml
6) T n-Tetradecane (C14)	8.281	6999704	47.194 ug/ml
7) T n-Hexadecane (C16)	9.883	7666685	46.457 ug/mlm
8) T n-Octadecane (C18)	11.335	10445038	58.607 ug/mlm
10) T n-Eicosane (C20)	12.645	7932949	44.045 ug/mlm
11) T n-Heneicosane (C21)	13.256	7326987	40.635 ug/mlm
13) T n-Docosane (C22)	13.841	7304796	40.208 ug/mlm
14) T n-Tetracosane (C24)	14.937	13153444	71.485 ug/mlm
15) T n-Hexacosane (C26)	15.964	6560885	36.136 ug/ml
16) T n-Octacosane (C28)	16.913	6231913	35.303 ug/mlm
17) T n-Tricontane (C30)	17.802	5907847	33.753 ug/ml
18) T n-Dotriacontane (C32)	18.632	5512986	34.076 ug/mlm
19) T n-Tetratriacontane (C34)	19.416	5314255	38.026 ug/ml
20) T n-Hexatriacontane (C36)	20.154	4454861	39.459 ug/ml
21) T n-Octatriacontane (C38)	20.914	4014909	41.620 ug/mlm
22) T n-Tetracontane (C40)	21.866	3743864	43.469 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC100225AL\
Data File : FC069904.D
Signal(s) : FID1A.ch
Acq On : 01 Oct 2025 20:06
Operator : YP/AJ
Sample : Q3253-01MS
Misc :
ALS Vial : 17 Sample Multiplier: 1

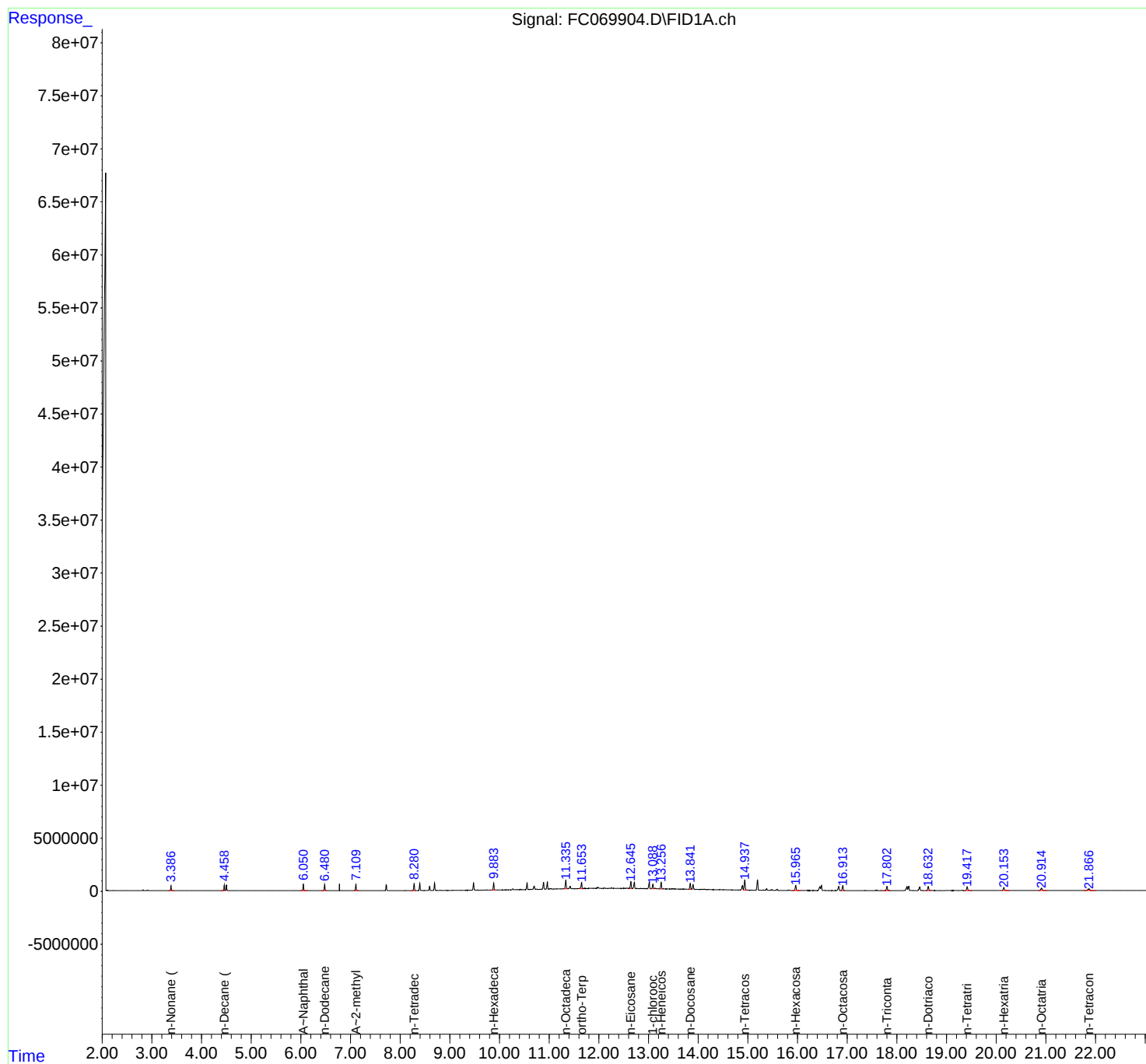
Instrument :
FID_C
ClientSampleId :
ARS20-0009MS

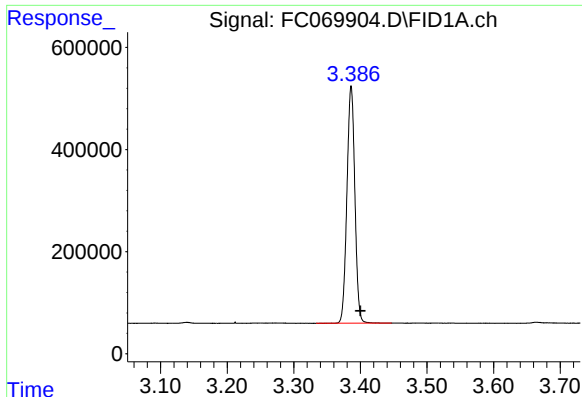
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 10/03/2025
Supervised By :mohammad ahmed 10/04/2025

Integration File: autoint1.e
Quant Time: Oct 03 04:31:51 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 092325.M
Quant Title : GC Extractables
QLast Update : Tue Sep 23 14:56:40 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.: 3.386 min
Delta R.T.: -0.014 min
Response: 3850003
Conc: 30.03 ug/ml

Instrument :

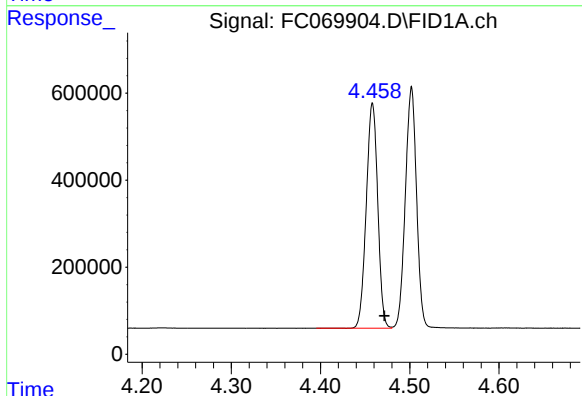
FID_C

ClientSampleId :

ARS20-0009MS

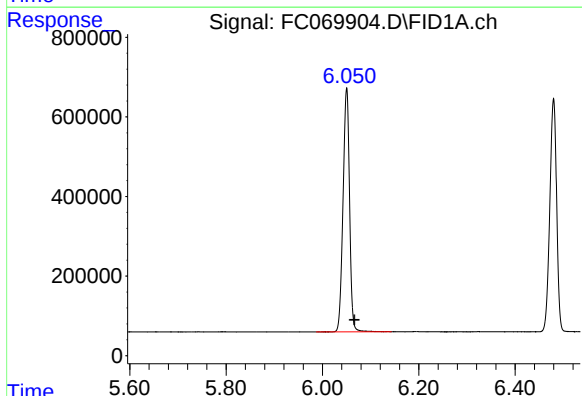
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 10/03/2025
Supervised By :mohammad ahmed 10/04/2025



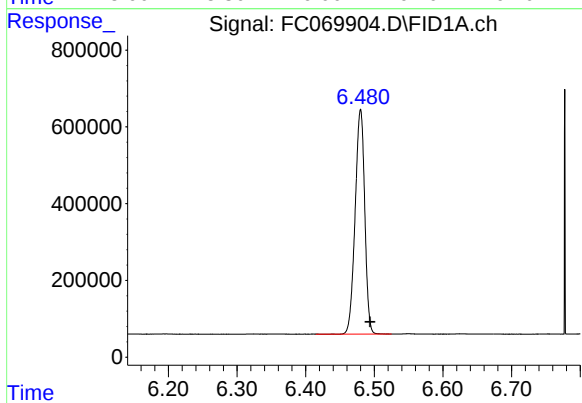
#2 n-Decane (C10)

R.T.: 4.458 min
Delta R.T.: -0.013 min
Response: 4613442
Conc: 34.72 ug/ml



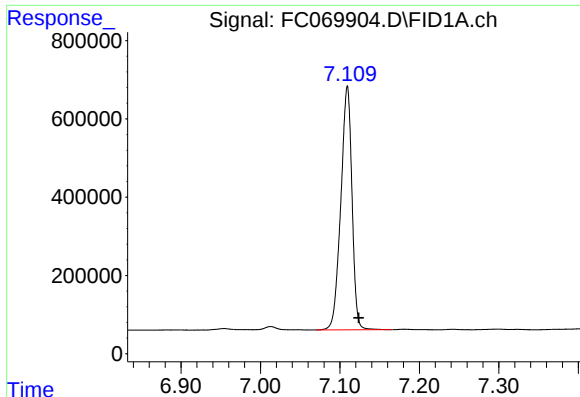
#3 A~Naphthalene (C11.7)

R.T.: 6.050 min
Delta R.T.: -0.017 min
Response: 5754726
Conc: 38.77 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.480 min
Delta R.T.: -0.014 min
Response: 5686394
Conc: 40.76 ug/ml



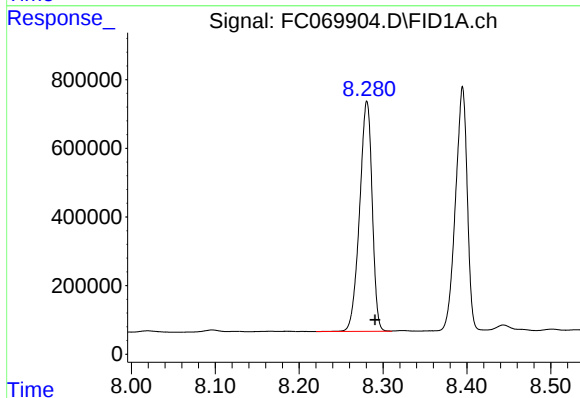
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.109 min
Delta R.T.: -0.015 min
Response: 6094086
Conc: 41.28 ug/ml

Instrument :
FID_C
ClientSampleId :
ARS20-0009MS

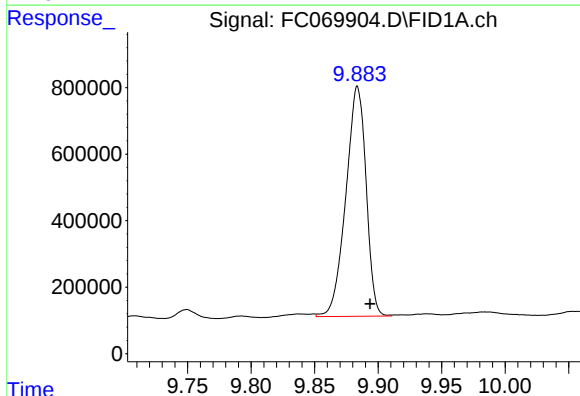
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 10/03/2025
Supervised By :mohammad ahmed 10/04/2025



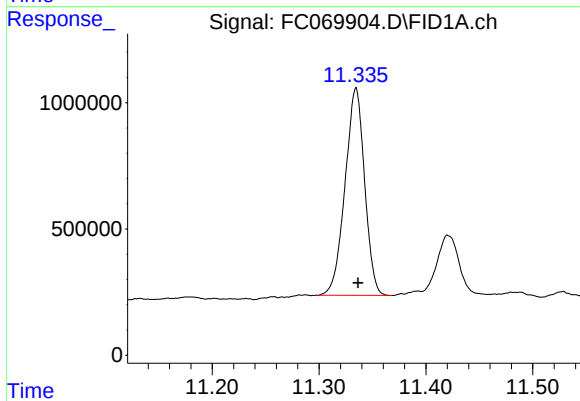
#6 n-Tetradecane (C14)

R.T.: 8.281 min
Delta R.T.: -0.010 min
Response: 6999704
Conc: 47.19 ug/ml



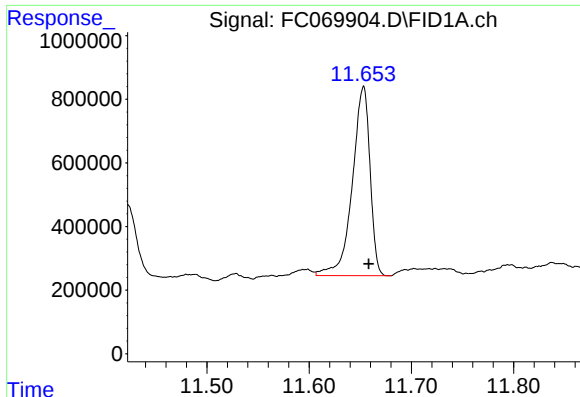
#7 n-Hexadecane (C16)

R.T.: 9.883 min
Delta R.T.: -0.011 min
Response: 7666685
Conc: 46.46 ug/ml m



#8 n-Octadecane (C18)

R.T.: 11.335 min
Delta R.T.: -0.002 min
Response: 10445038
Conc: 58.61 ug/ml m



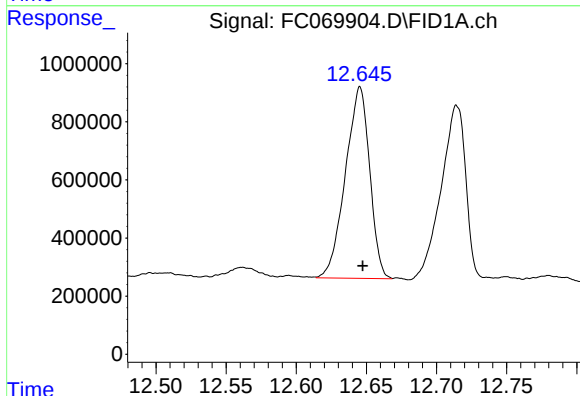
#9 ortho-Terphenyl (SURR)

R.T.: 11.653 min
Delta R.T.: -0.005 min
Response: 7144957
Conc: 38.15 ug/ml

Instrument :
FID_C
ClientSampleId :
ARS20-0009MS

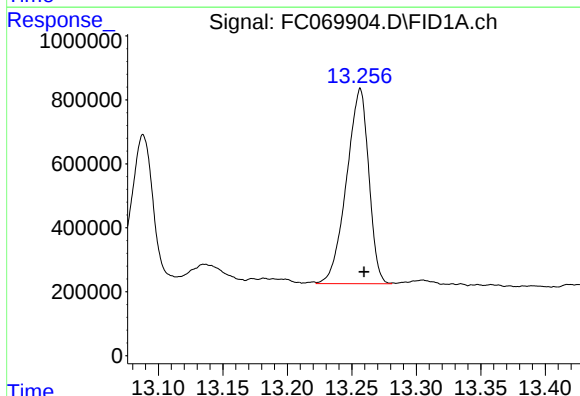
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 10/03/2025
Supervised By :mohammad ahmed 10/04/2025



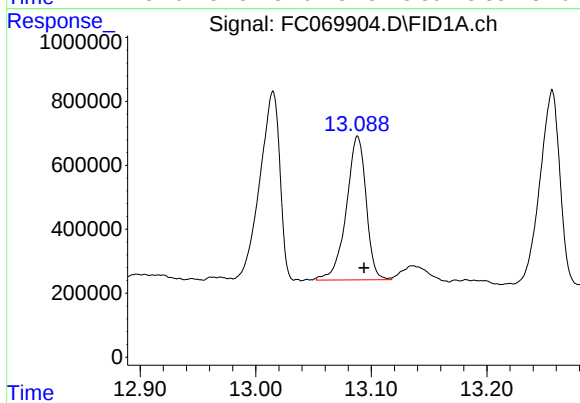
#10 n-Eicosane (C20)

R.T.: 12.645 min
Delta R.T.: -0.002 min
Response: 7932949
Conc: 44.04 ug/ml m



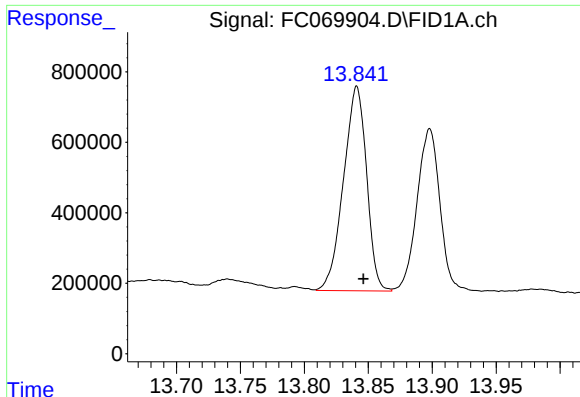
#11 n-Heneicosane (C21)

R.T.: 13.256 min
Delta R.T.: -0.003 min
Response: 7326987
Conc: 40.63 ug/ml m



#12 1-chlorooctadecane (SURR)

R.T.: 13.088 min
Delta R.T.: -0.006 min
Response: 5352631
Conc: 33.89 ug/ml m



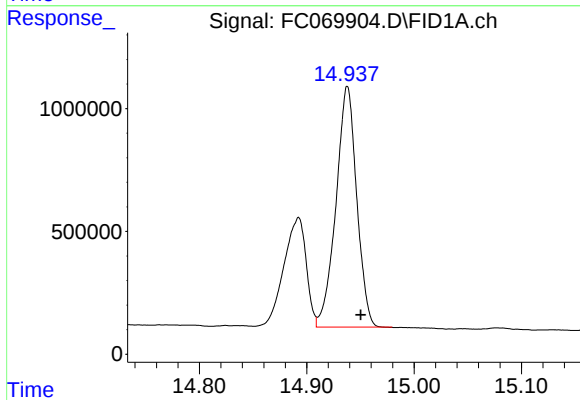
#13 n-Docosane (C22)

R.T.: 13.841 min
Delta R.T.: -0.006 min
Response: 7304796
Conc: 40.21 ug/ml

Instrument :
FID_C
ClientSampleId :
ARS20-0009MS

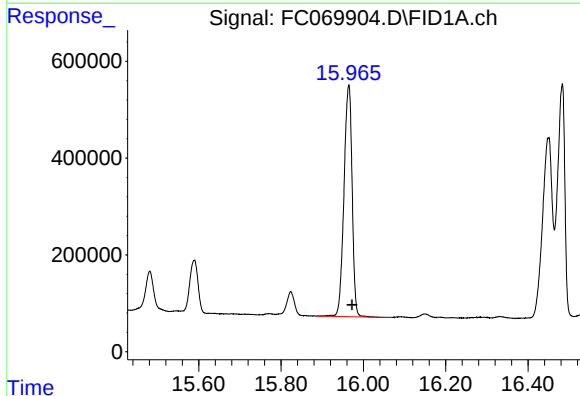
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 10/03/2025
Supervised By :mohammad ahmed 10/04/2025



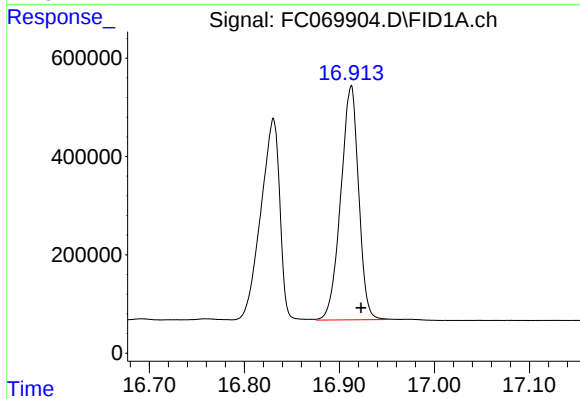
#14 n-Tetracosane (C24)

R.T.: 14.937 min
Delta R.T.: -0.013 min
Response: 13153444
Conc: 71.49 ug/ml m



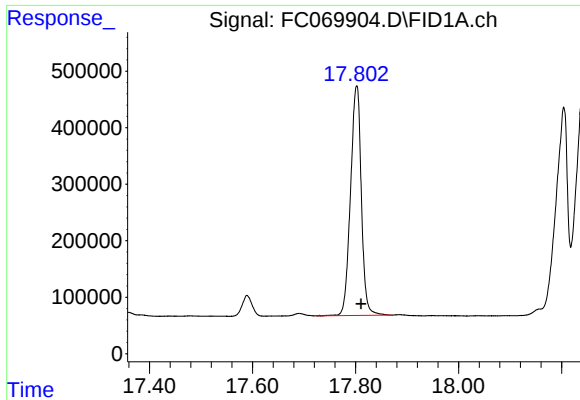
#15 n-Hexacosane (C26)

R.T.: 15.964 min
Delta R.T.: -0.008 min
Response: 6560885
Conc: 36.14 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.913 min
Delta R.T.: -0.010 min
Response: 6231913
Conc: 35.30 ug/ml m



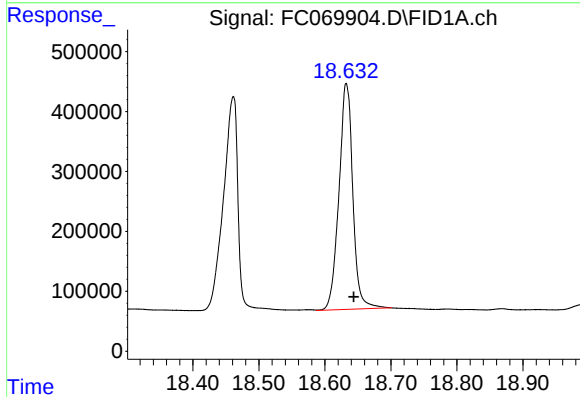
#17 n-Tricontane (C30)

R.T.: 17.802 min
Delta R.T.: -0.009 min
Response: 5907847
Conc: 33.75 ug/ml

Instrument :
FID_C
ClientSampleId :
ARS20-0009MS

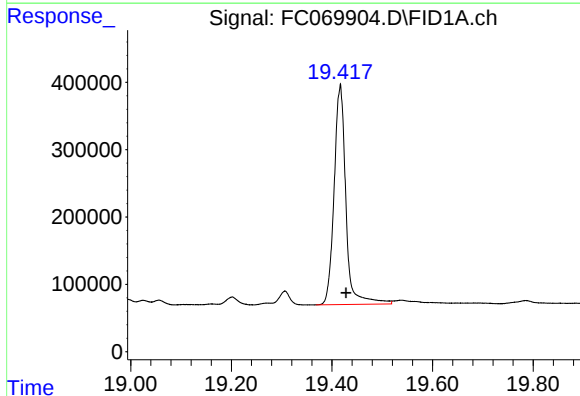
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 10/03/2025
Supervised By :mohammad ahmed 10/04/2025



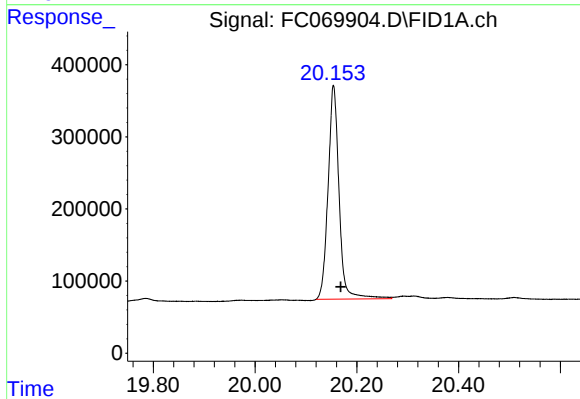
#18 n-Dotriacontane (C32)

R.T.: 18.632 min
Delta R.T.: -0.012 min
Response: 5512986
Conc: 34.08 ug/ml m



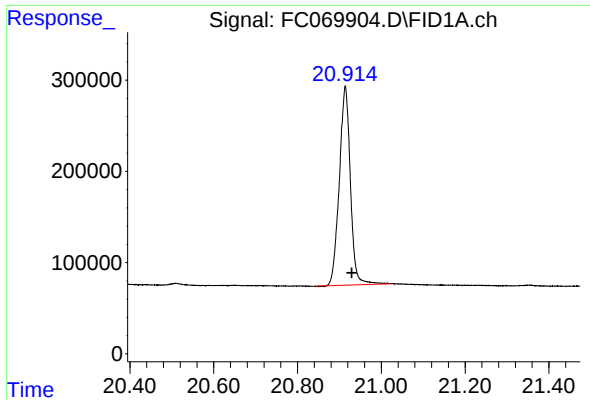
#19 n-Tetratriacontane (C34)

R.T.: 19.416 min
Delta R.T.: -0.012 min
Response: 5314255
Conc: 38.03 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.154 min
Delta R.T.: -0.014 min
Response: 4454861
Conc: 39.46 ug/ml



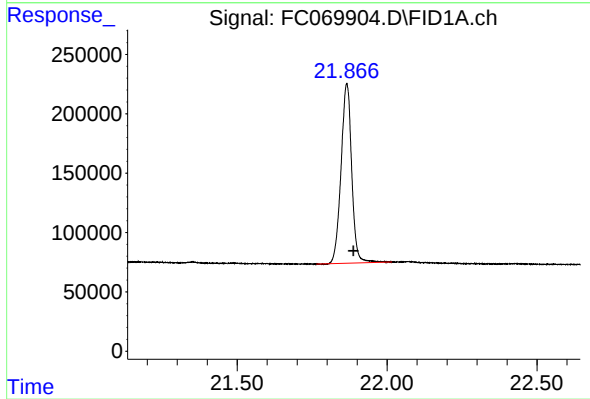
#21 n-Octatriacontane (C38)

R.T.: 20.914 min
Delta R.T.: -0.016 min
Response: 4014909
Conc: 41.62 ug/ml

Instrument :
FID_C
ClientSampleId :
ARS20-0009MS

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 10/03/2025
Supervised By :mohammad ahmed 10/04/2025



#22 n-Tetracontane (C40)

R.T.: 21.866 min
Delta R.T.: -0.022 min
Response: 3743864
Conc: 43.47 ug/ml