

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC081525AL\
 Data File : FC069683.D
 Signal(s) : FID1A.ch
 Acq On : 15 Aug 2025 21:19
 Operator : YP/AJ
 Sample : Q2870-04MS
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 DRILL CUTTING 6-9 COMPMS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 08/18/2025
 Supervised By :mohammad ahmed 08/19/2025

Integration File: autoint1.e
 Quant Time: Aug 18 01:22:57 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 080125.M
 Quant Title : GC Extractables
 Qlast Update : Fri Aug 01 14:14:17 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)	11.661	4555179	30.534 ug/ml
Spiked Amount 50.000		Recovery =	61.07%
12) S 1-chlorooctadecane (S...	13.096	3487925	31.992 ug/ml
Spiked Amount 50.000		Recovery =	63.98%
Target Compounds			
1) T n-Nonane (C9)	3.393	2983848	20.943 ug/ml
2) T n-Decane (C10)	4.467	3388161	23.305 ug/ml
3) T A~Naphthalene (C11.7)	6.060	4009472	25.840 ug/ml
4) T n-Dodecane (C12)	6.491	3734159	25.544 ug/ml
5) T A~2-methylnaphthalene...	7.120	3832573	26.023 ug/ml
6) T n-Tetradecane (C14)	8.291	3889809	27.257 ug/ml
7) T n-Hexadecane (C16)	9.894	4022736	27.905 ug/ml
8) T n-Octadecane (C18)	11.338	3913985	27.678 ug/ml
10) T n-Eicosane (C20)	12.651	3883149	29.478 ug/ml
11) T n-Heneicosane (C21)	13.263	3696982	28.986 ug/ml
13) T n-Docosane (C22)	13.851	3604060	28.851 ug/ml
14) T n-Tetracosane (C24)	14.945	7029700	58.255 ug/ml
15) T n-Hexacosane (C26)	15.978	3327383	28.796 ug/ml
16) T n-Octacosane (C28)	16.929	3232172	28.836 ug/mlm
17) T n-Tricontane (C30)	17.819	3169200	27.679 ug/ml
18) T n-Dotriacontane (C32)	18.651	3182204	28.647 ug/ml
19) T n-Tetratriacontane (C34)	19.436	3234919	31.770 ug/ml
20) T n-Hexatriacontane (C36)	20.178	3052571	34.235 ug/ml
21) T n-Octatriacontane (C38)	20.941	3063128	38.079 ug/ml
22) T n-Tetracontane (C40)	21.901	2953452	39.442 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC081525AL\
Data File : FC069683.D
Signal(s) : FID1A.ch
Acq On : 15 Aug 2025 21:19
Operator : YP/AJ
Sample : Q2870-04MS
Misc :
ALS Vial : 18 Sample Multiplier: 1

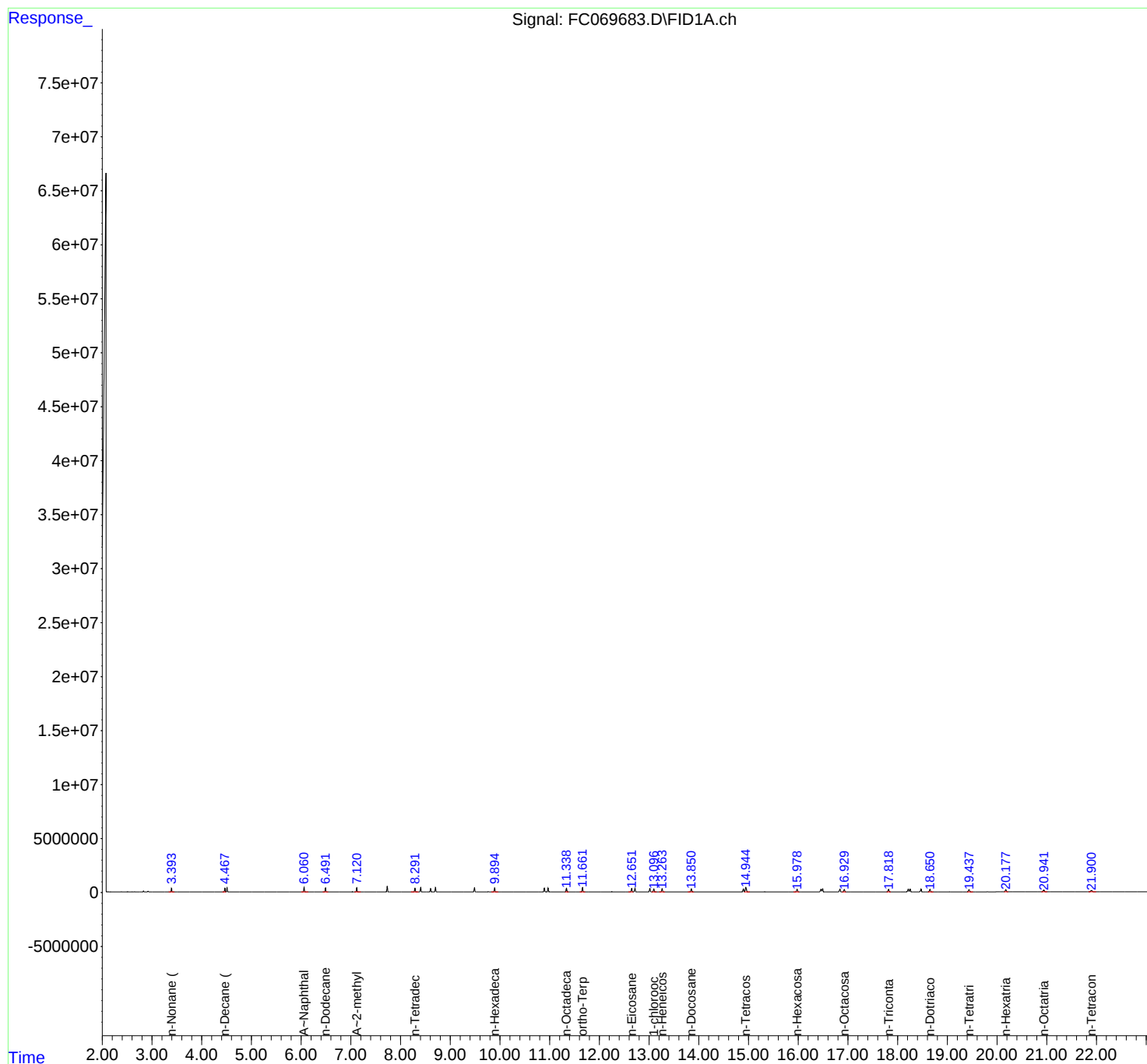
Instrument :
FID_C
ClientSampleId :
DRILL CUTTING 6-9 COMPMS

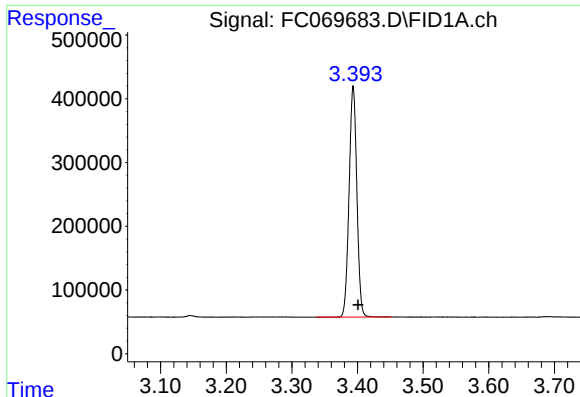
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 08/18/2025
Supervised By :mohammad ahmed 08/19/2025

Integration File: autoint1.e
Quant Time: Aug 18 01:22:57 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 080125.M
Quant Title : GC Extractables
QLast Update : Fri Aug 01 14:14:17 2025
Response via : Initial Calibration
Integrator: ChemStation

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





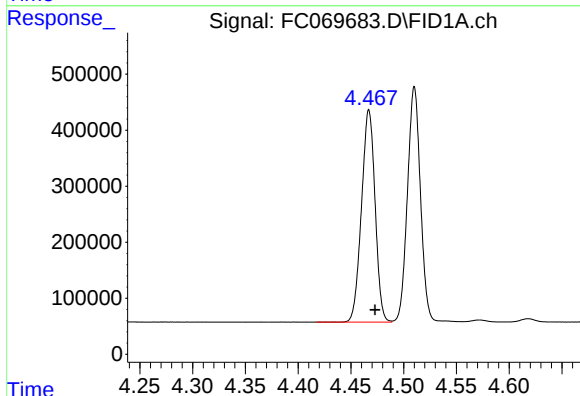
#1 n-Nonane (C9)

R.T.: 3.393 min
Delta R.T.: -0.008 min
Response: 2983848
Conc: 20.94 ug/ml

Instrument :
FID_C
ClientSampleId :
DRILL CUTTING 6-9 COMPMS

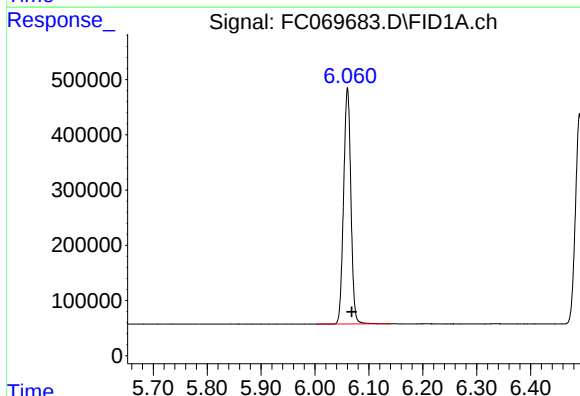
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 08/18/2025
Supervised By :mohammad ahmed 08/19/2025



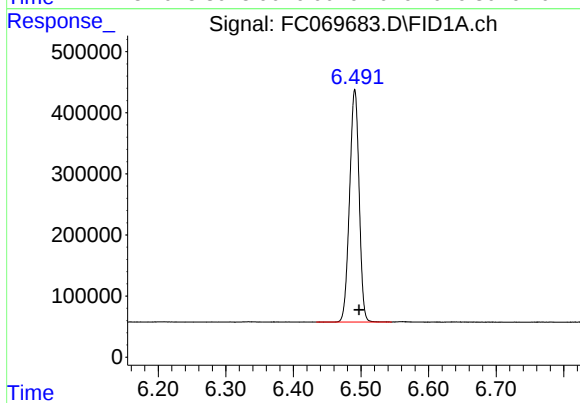
#2 n-Decane (C10)

R.T.: 4.467 min
Delta R.T.: -0.006 min
Response: 3388161
Conc: 23.31 ug/ml



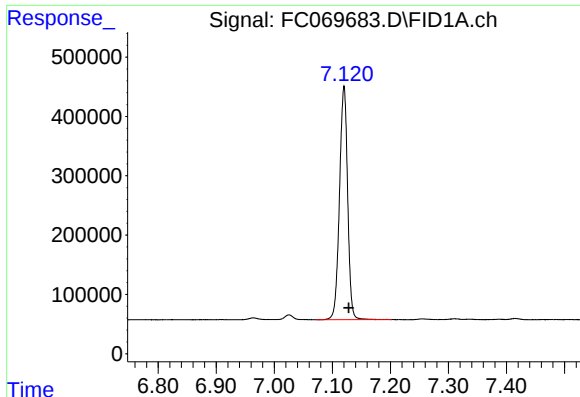
#3 A~Naphthalene (C11.7)

R.T.: 6.060 min
Delta R.T.: -0.008 min
Response: 4009472
Conc: 25.84 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.491 min
Delta R.T.: -0.006 min
Response: 3734159
Conc: 25.54 ug/ml



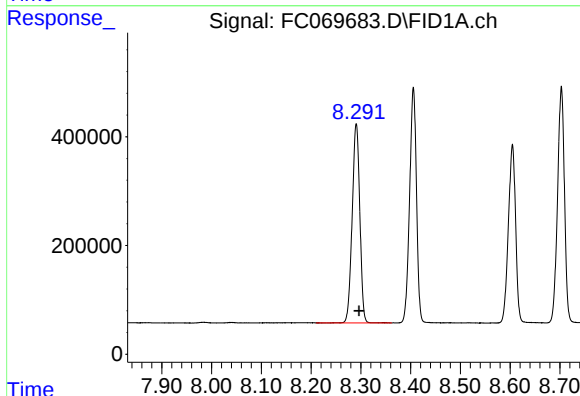
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.120 min
Delta R.T.: -0.008 min
Response: 3832573
Conc: 26.02 ug/ml

Instrument :
FID_C
ClientSampleId :
DRILL CUTTING 6-9 COMPMS

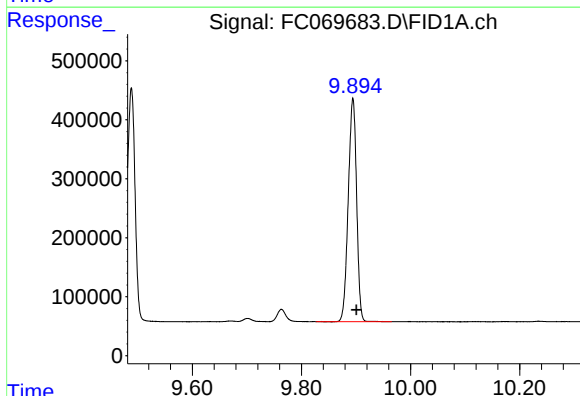
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 08/18/2025
Supervised By :mohammad ahmed 08/19/2025



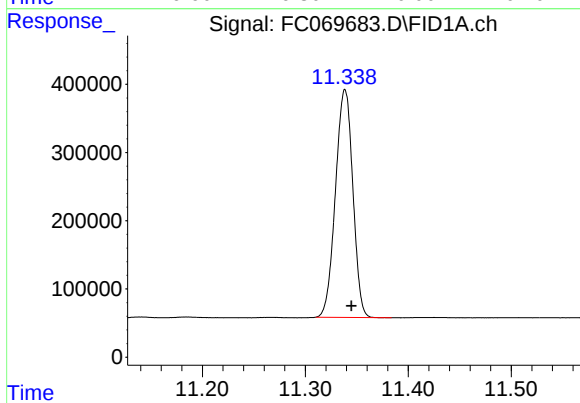
#6 n-Tetradecane (C14)

R.T.: 8.291 min
Delta R.T.: -0.006 min
Response: 3889809
Conc: 27.26 ug/ml



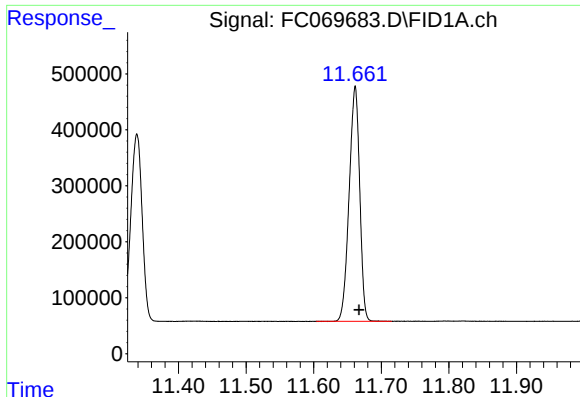
#7 n-Hexadecane (C16)

R.T.: 9.894 min
Delta R.T.: -0.007 min
Response: 4022736
Conc: 27.90 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.338 min
Delta R.T.: -0.006 min
Response: 3913985
Conc: 27.68 ug/ml



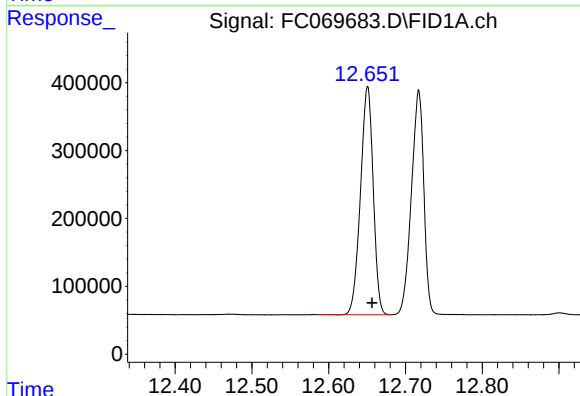
#9 ortho-Terphenyl (SURR)

R.T.: 11.661 min
Delta R.T.: -0.006 min
Response: 4555179
Conc: 30.53 ug/ml

Instrument :
FID_C
ClientSampleId :
DRILL CUTTING 6-9 COMPMS

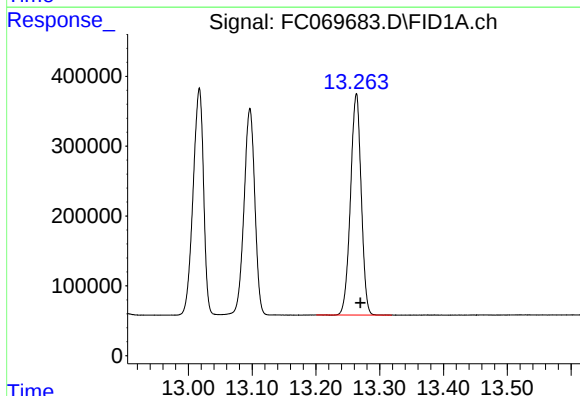
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 08/18/2025
Supervised By :mohammad ahmed 08/19/2025



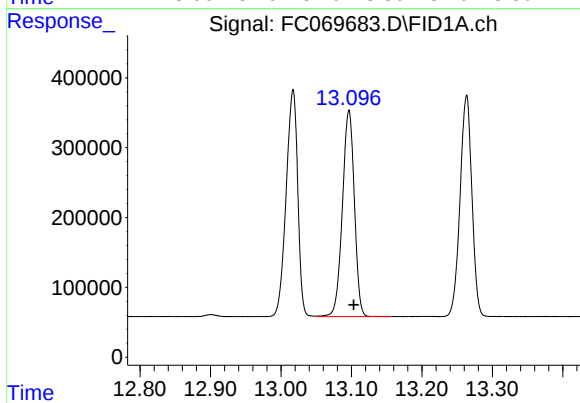
#10 n-Eicosane (C20)

R.T.: 12.651 min
Delta R.T.: -0.006 min
Response: 3883149
Conc: 29.48 ug/ml



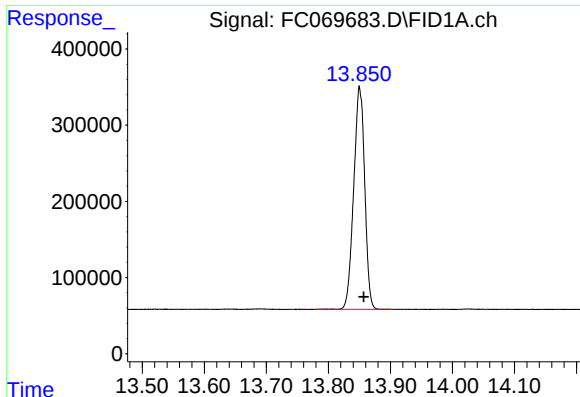
#11 n-Heneicosane (C21)

R.T.: 13.263 min
Delta R.T.: -0.006 min
Response: 3696982
Conc: 28.99 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.096 min
Delta R.T.: -0.007 min
Response: 3487925
Conc: 31.99 ug/ml



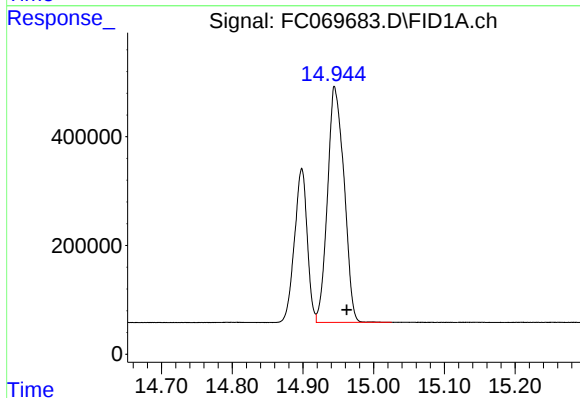
#13 n-Docosane (C22)

R.T.: 13.851 min
Delta R.T.: -0.006 min
Response: 3604060
Conc: 28.85 ug/ml

Instrument :
FID_C
ClientSampleId :
DRILL CUTTING 6-9 COMPMS

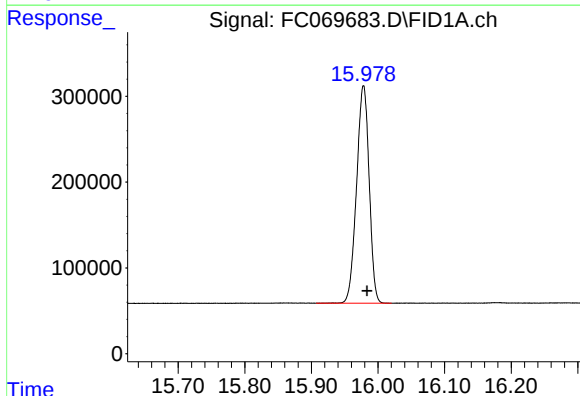
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 08/18/2025
Supervised By :mohammad ahmed 08/19/2025



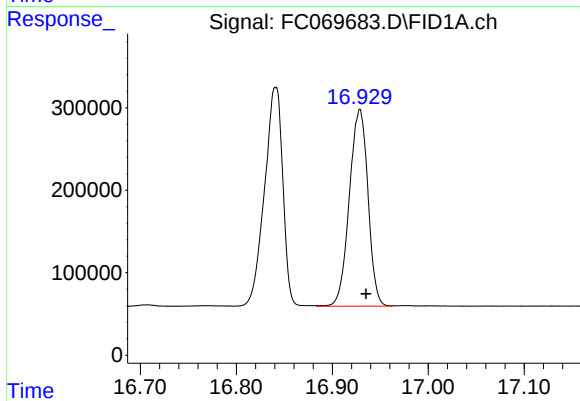
#14 n-Tetracosane (C24)

R.T.: 14.945 min
Delta R.T.: -0.017 min
Response: 7029700
Conc: 58.25 ug/ml



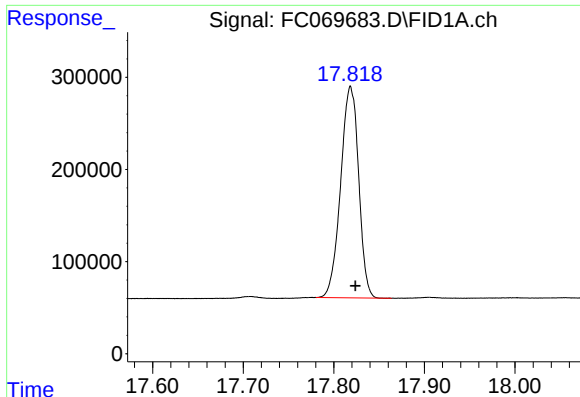
#15 n-Hexacosane (C26)

R.T.: 15.978 min
Delta R.T.: -0.005 min
Response: 3327383
Conc: 28.80 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.929 min
Delta R.T.: -0.006 min
Response: 3232172
Conc: 28.84 ug/ml m



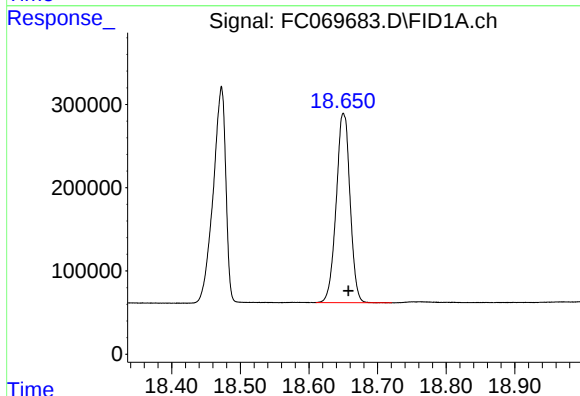
#17 n-Tricontane (C30)

R.T.: 17.819 min
Delta R.T.: -0.005 min
Response: 3169200
Conc: 27.68 ug/ml

Instrument :
FID_C
ClientSampleId :
DRILL CUTTING 6-9 COMPMS

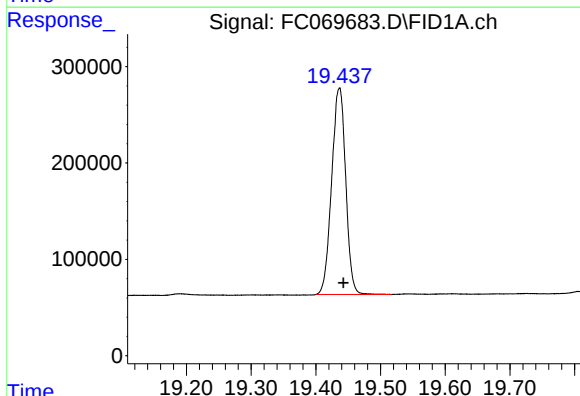
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 08/18/2025
Supervised By :mohammad ahmed 08/19/2025



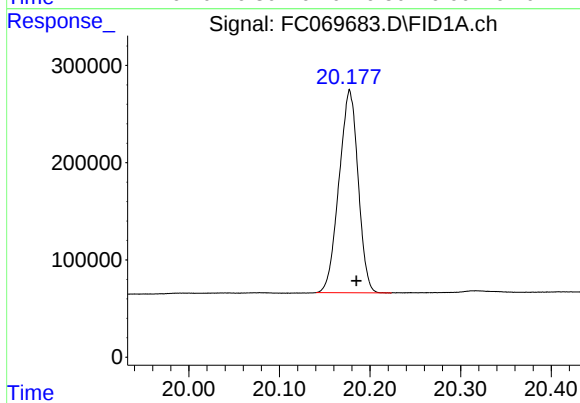
#18 n-Dotriacontane (C32)

R.T.: 18.651 min
Delta R.T.: -0.007 min
Response: 3182204
Conc: 28.65 ug/ml



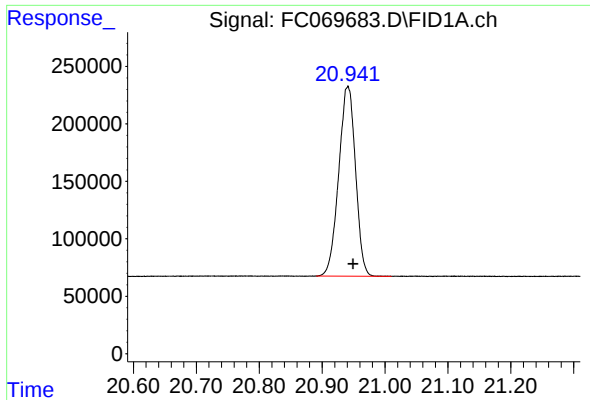
#19 n-Tetratriacontane (C34)

R.T.: 19.436 min
Delta R.T.: -0.006 min
Response: 3234919
Conc: 31.77 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.178 min
Delta R.T.: -0.007 min
Response: 3052571
Conc: 34.24 ug/ml



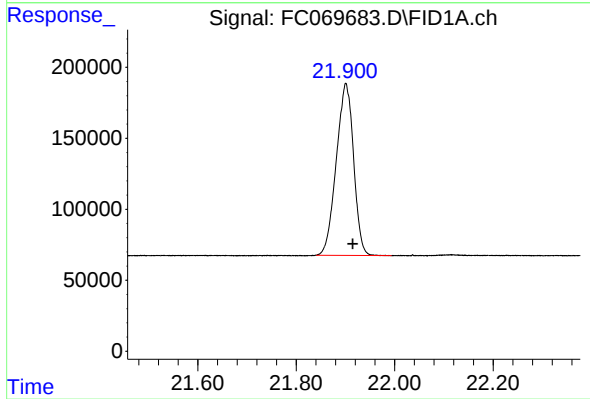
#21 n-Octatriacontane (C38)

R.T.: 20.941 min
Delta R.T.: -0.008 min
Response: 3063128
Conc: 38.08 ug/ml

Instrument :
FID_C
ClientSampleId :
DRILL CUTTING 6-9 COMPMS

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 08/18/2025
Supervised By :mohammad ahmed 08/19/2025



#22 n-Tetracontane (C40)

R.T.: 21.901 min
Delta R.T.: -0.014 min
Response: 2953452
Conc: 39.44 ug/ml