

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC081825AL\
 Data File : FC069698.D
 Signal(s) : FID1A.ch
 Acq On : 18 Aug 2025 19:10
 Operator : YP/AJ
 Sample : Q2871-01MS
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 DRILL CUTTING 1-3 COMPMS

Integration File: autoint1.e
 Quant Time: Aug 19 01:25:48 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)	11.660	3707591	24.852 ug/ml
Spiked Amount 50.000		Recovery =	49.70%
12) S 1-chlorooctadecane (S...	13.096	2871835	26.341 ug/ml
Spiked Amount 50.000		Recovery =	52.68%
Target Compounds			
1) T n-Nonane (C9)	3.396	3150572	22.114 ug/ml
2) T n-Decane (C10)	4.468	3600885	24.769 ug/ml
3) T A~Naphthalene (C11.7)	6.061	4299552	27.710 ug/ml
4) T n-Dodecane (C12)	6.491	3927248	26.865 ug/ml
5) T A~2-methylnaphthalene...	7.120	4097642	27.823 ug/ml
6) T n-Tetradecane (C14)	8.292	4139562	29.007 ug/ml
7) T n-Hexadecane (C16)	9.895	4443802	30.826 ug/ml
8) T n-Octadecane (C18)	11.339	4406182	31.158 ug/ml
10) T n-Eicosane (C20)	12.651	4433832	33.659 ug/ml
11) T n-Heneicosane (C21)	13.264	4241352	33.254 ug/ml
13) T n-Docosane (C22)	13.851	4149678	33.218 ug/ml
14) T n-Tetracosane (C24)	14.948	8185986	67.837 ug/ml
15) T n-Hexacosane (C26)	15.980	3876369	33.547 ug/ml
16) T n-Octacosane (C28)	16.930	3727804	33.258 ug/ml
17) T n-Tricontane (C30)	17.819	3655973	31.931 ug/ml
18) T n-Dotriacontane (C32)	18.652	3654060	32.895 ug/ml
19) T n-Tetratriacontane (C34)	19.437	3721670	36.550 ug/ml
20) T n-Hexatriacontane (C36)	20.179	3524743	39.531 ug/ml
21) T n-Octatriacontane (C38)	20.942	3544280	44.060 ug/ml
22) T n-Tetracontane (C40)	21.903	3410847	45.550 ug/ml

(f)=RT Delta > 1/2 Window

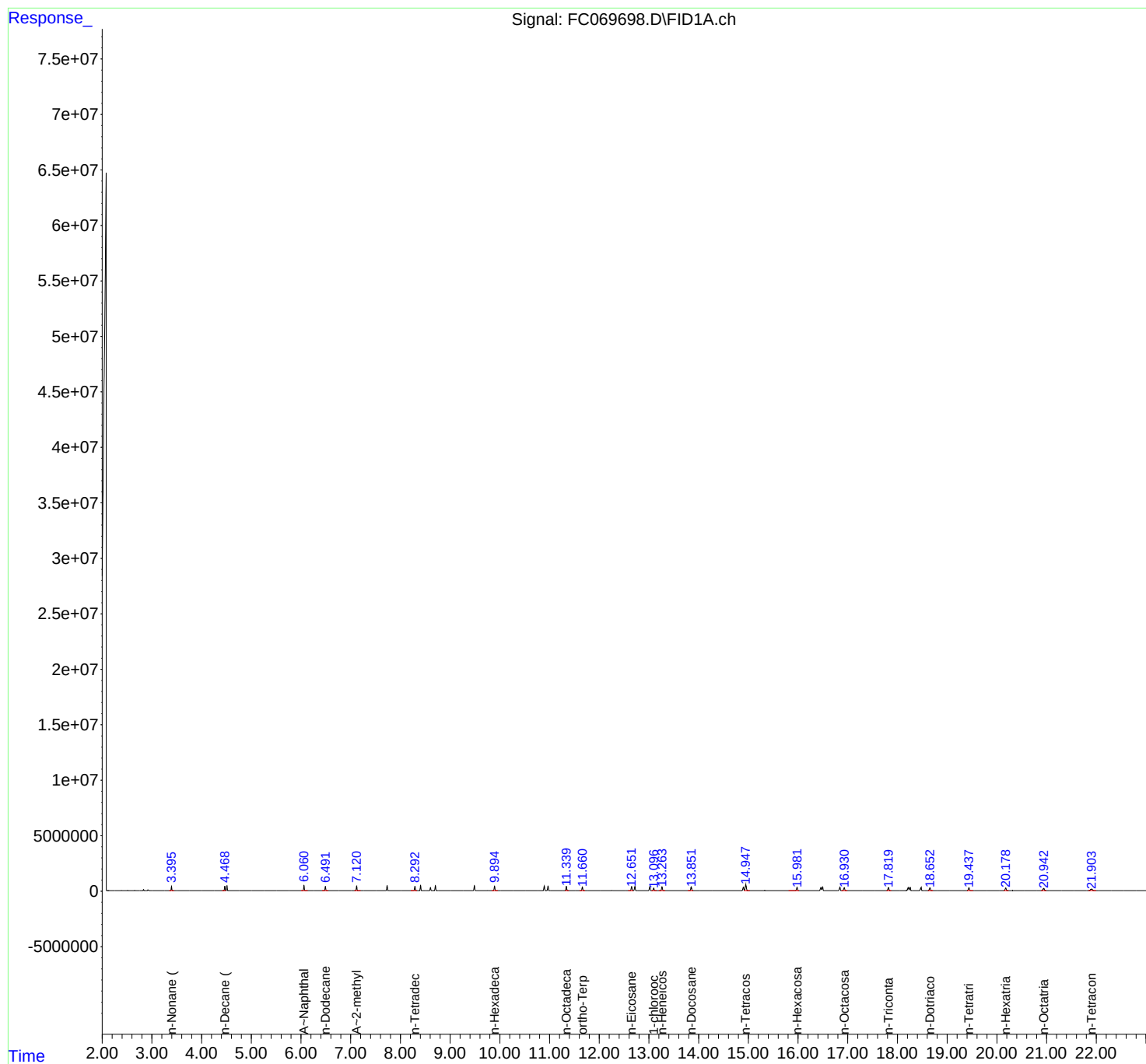
(m)=manual int.

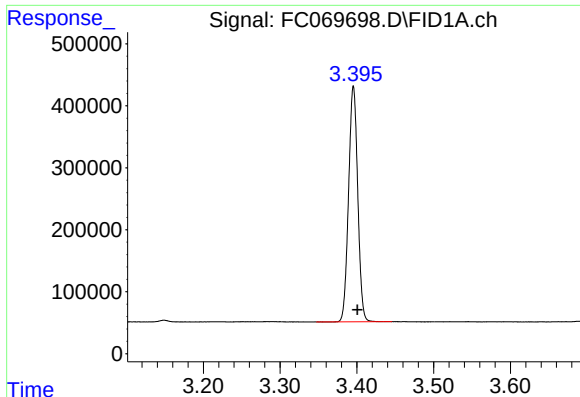
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DRILL CUTTING 1-3 COMPMS

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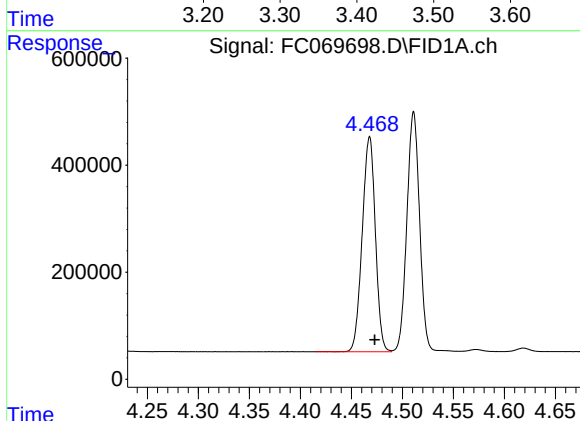




#1 n-Nonane (C9)

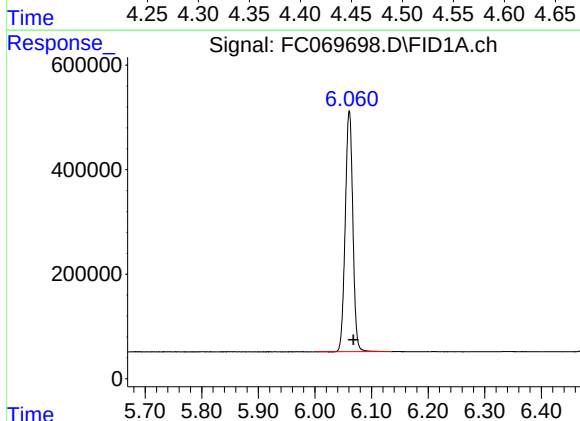
R.T.: 3.396 min
Delta R.T.: -0.005 min
Response: 3150572
Conc: 22.11 ug/ml

Instrument :
FID_C
ClientSampleId :
DRILL CUTTING 1-3 COMPMS



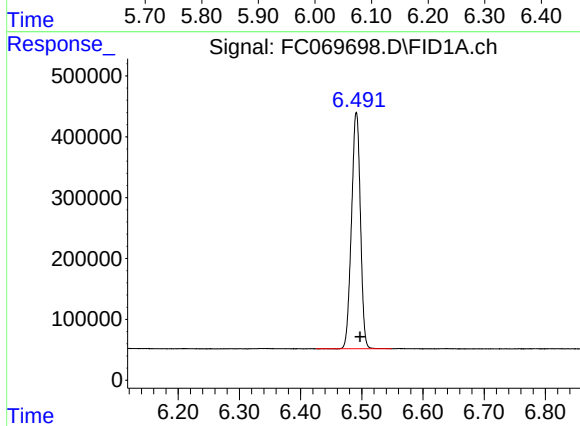
#2 n-Decane (C10)

R.T.: 4.468 min
Delta R.T.: -0.005 min
Response: 3600885
Conc: 24.77 ug/ml



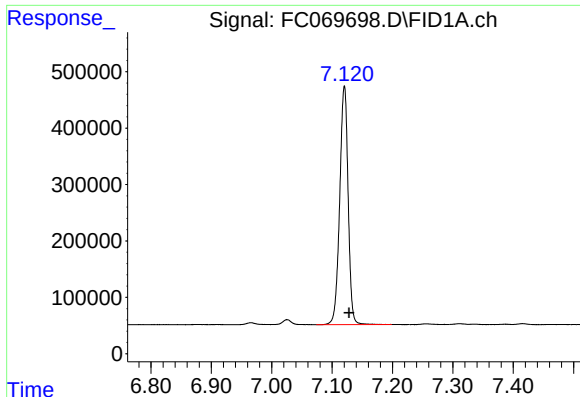
#3 A~Naphthalene (C11.7)

R.T.: 6.061 min
Delta R.T.: -0.008 min
Response: 4299552
Conc: 27.71 ug/ml



#4 n-Dodecane (C12)

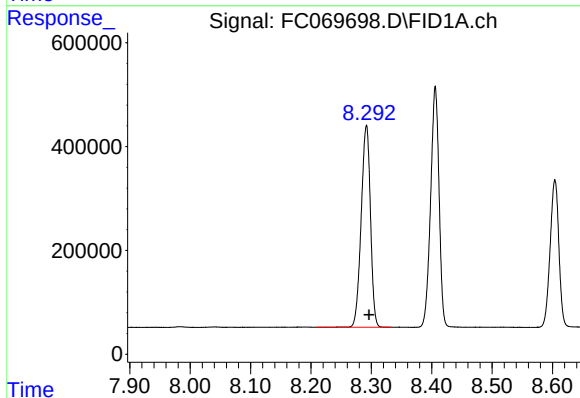
R.T.: 6.491 min
Delta R.T.: -0.006 min
Response: 3927248
Conc: 26.86 ug/ml



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

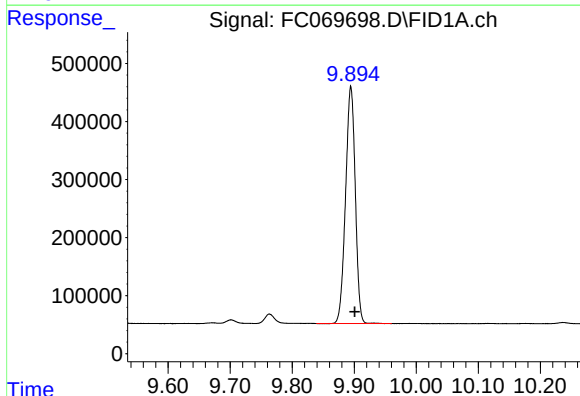
R.T.: 7.120 min
Delta R.T.: -0.008 min
Response: 4097642
Conc: 27.82 ug/ml

Instrument :
FID_C
ClientSampleId :
DRILL CUTTING 1-3 COMPMS



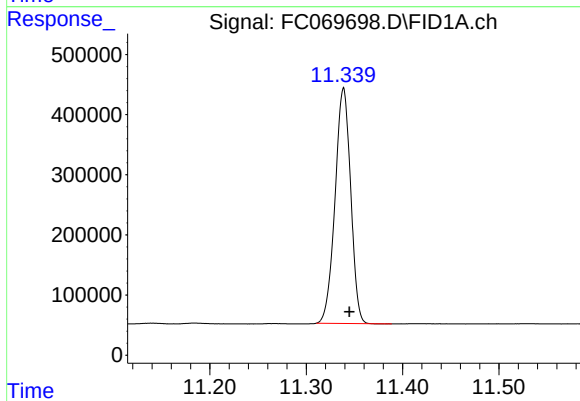
#6 n-Tetradecane (C14)

R.T.: 8.292 min
Delta R.T.: -0.005 min
Response: 4139562
Conc: 29.01 ug/ml



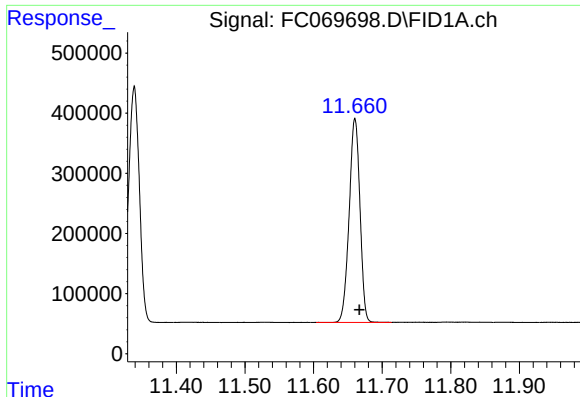
#7 n-Hexadecane (C16)

R.T.: 9.895 min
Delta R.T.: -0.006 min
Response: 4443802
Conc: 30.83 ug/ml



#8 n-Octadecane (C18)

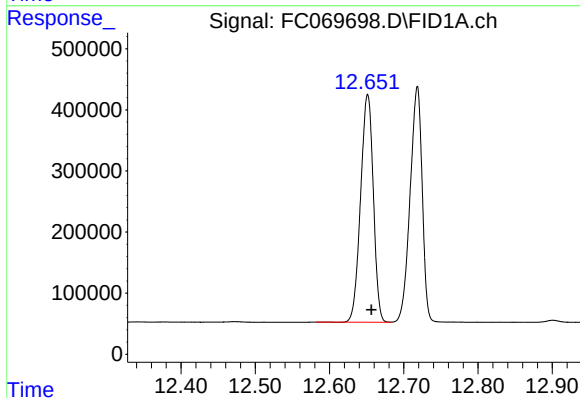
R.T.: 11.339 min
Delta R.T.: -0.006 min
Response: 4406182
Conc: 31.16 ug/ml



#9 ortho-Terphenyl (SURR)

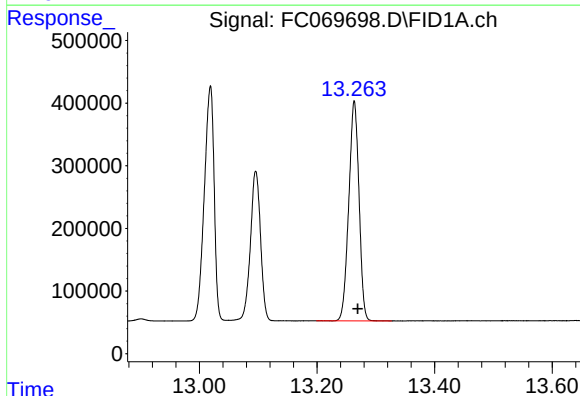
R.T.: 11.660 min
Delta R.T.: -0.007 min
Response: 3707591
Conc: 24.85 ug/ml

Instrument :
FID_C
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DRILL CUTTING 1-3 COMPMS



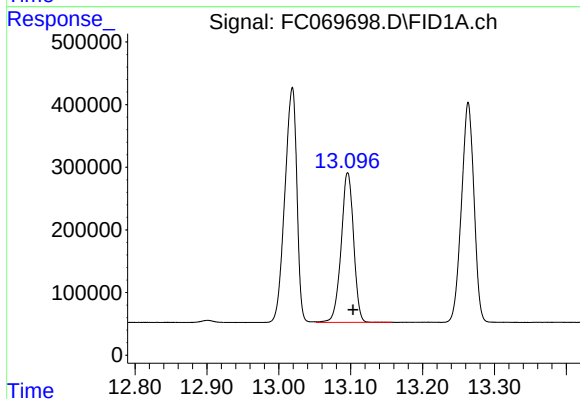
#10 n-Eicosane (C20)

R.T.: 12.651 min
Delta R.T.: -0.005 min
Response: 4433832
Conc: 33.66 ug/ml



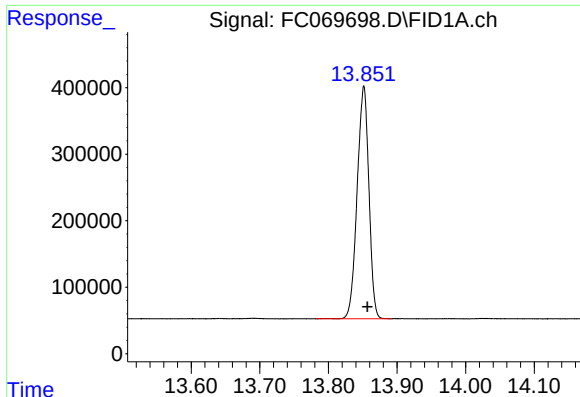
#11 n-Heneicosane (C21)

R.T.: 13.264 min
Delta R.T.: -0.006 min
Response: 4241352
Conc: 33.25 ug/ml



#12 1-chlorooctadecane (SURR)

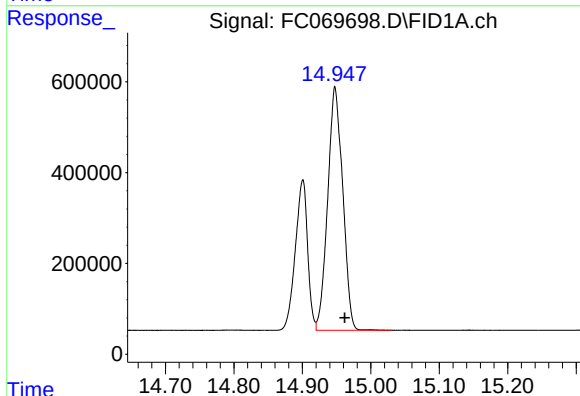
R.T.: 13.096 min
Delta R.T.: -0.008 min
Response: 2871835
Conc: 26.34 ug/ml



#13 n-Docosane (C22)

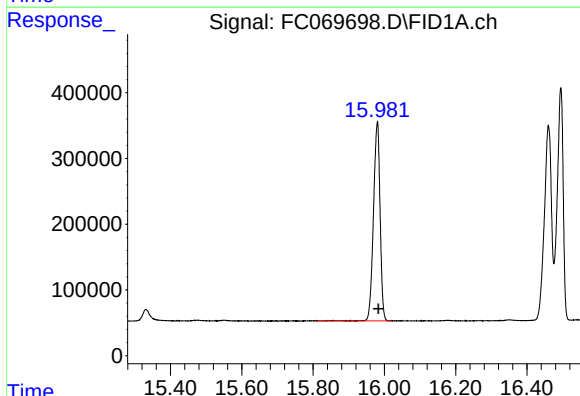
R.T.: 13.851 min
Delta R.T.: -0.006 min
Response: 4149678
Conc: 33.22 ug/ml

Instrument :
FID_C
ClientSampleId :
DRILL CUTTING 1-3 COMPMS



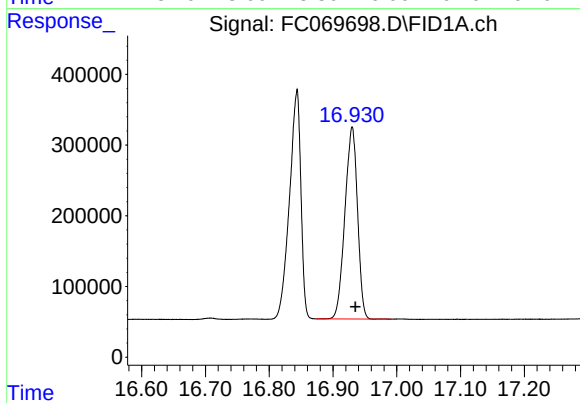
#14 n-Tetracosane (C24)

R.T.: 14.948 min
Delta R.T.: -0.014 min
Response: 8185986
Conc: 67.84 ug/ml



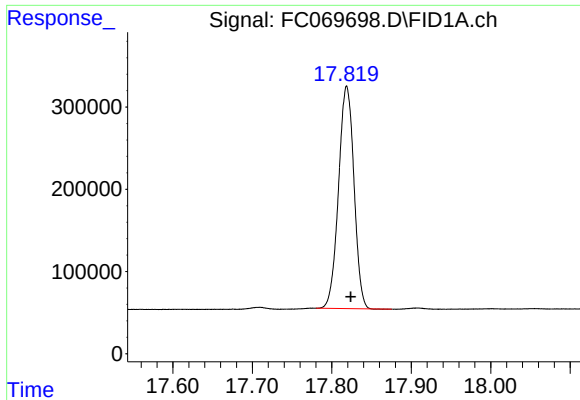
#15 n-Hexacosane (C26)

R.T.: 15.980 min
Delta R.T.: -0.004 min
Response: 3876369
Conc: 33.55 ug/ml



#16 n-Octacosane (C28)

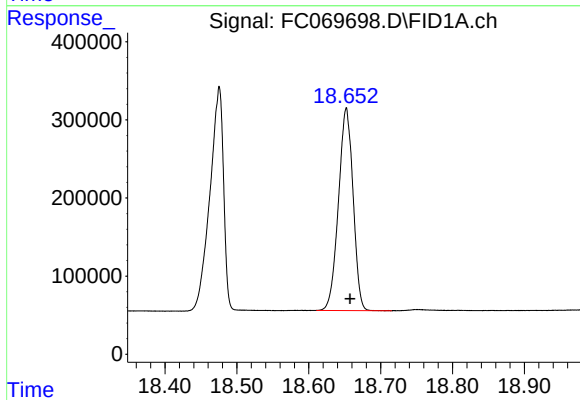
R.T.: 16.930 min
Delta R.T.: -0.005 min
Response: 3727804
Conc: 33.26 ug/ml



#17 n-Tricontane (C30)

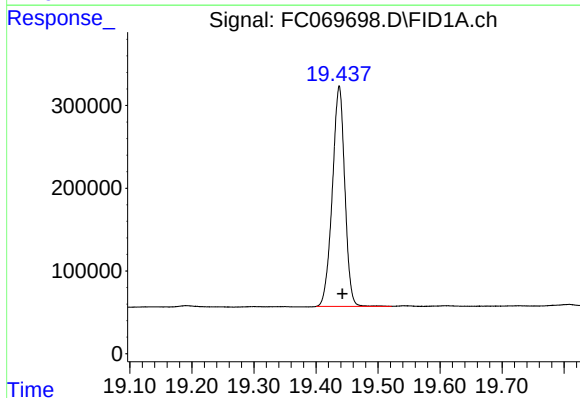
R.T.: 17.819 min
Delta R.T.: -0.005 min
Response: 3655973
Conc: 31.93 ug/ml

Instrument :
FID_C
ClientSampleId :
DRILL CUTTING 1-3 COMPMS



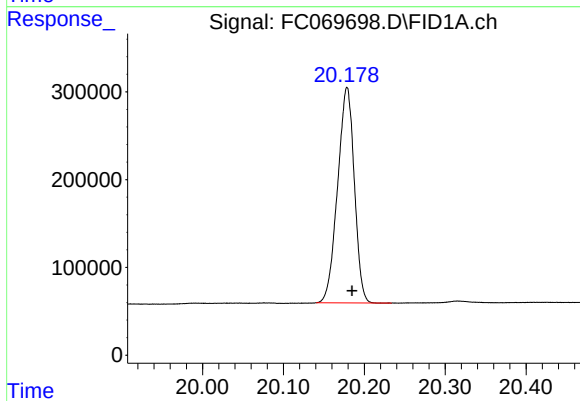
#18 n-Dotriacontane (C32)

R.T.: 18.652 min
Delta R.T.: -0.005 min
Response: 3654060
Conc: 32.90 ug/ml



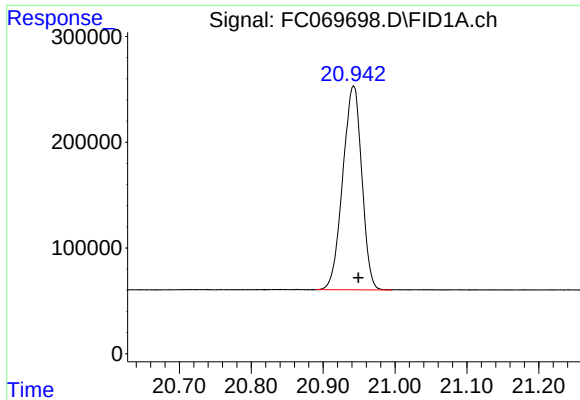
#19 n-Tetratriacontane (C34)

R.T.: 19.437 min
Delta R.T.: -0.005 min
Response: 3721670
Conc: 36.55 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.179 min
Delta R.T.: -0.006 min
Response: 3524743
Conc: 39.53 ug/ml



#21 n-Octatriacontane (C38)

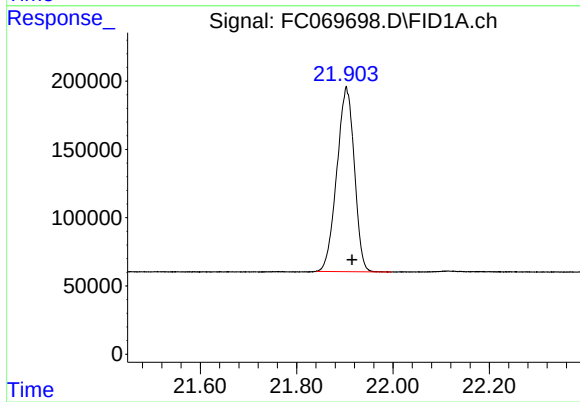
R.T.: 20.942 min
Delta R.T.: -0.007 min
Response: 3544280
Conc: 44.06 ug/ml

Instrument :

FID_C

ClientSampleId :

DRILL CUTTING 1-3 COMPMS



#22 n-Tetracontane (C40)

R.T.: 21.903 min
Delta R.T.: -0.012 min
Response: 3410847
Conc: 45.55 ug/ml