

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC052824AL\
 Data File : FC066485.D
 Signal(s) : FID1A.ch
 Acq On : 28 May 2024 11:52
 Operator : YP/AJ
 Sample : 5 PPM ALIPHATIC HC STD5
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 5 PPM ALIPHATIC HC STD5

Integration File: autoint1.e
 Quant Time: May 28 12:25:26 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 052824.M
 Quant Title : GC Extractables
 QLast Update : Tue May 28 12:25:11 2024
 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)	11.560	739294	4.864 ug/ml
Spiked Amount 50.000		Recovery =	9.73%
12) S 1-chlorooctadecane (S...	13.000	552750	4.837 ug/ml
Spiked Amount 50.000		Recovery =	9.67%
Target Compounds			
1) T n-Nonane (C9)	3.312	680063	4.859 ug/ml
2) T n-Decane (C10)	4.381	693764	4.822 ug/ml
3) T A~Naphthalene (C11.7)	5.967	768186	4.821 ug/ml
4) T n-Dodecane (C12)	6.403	696006	4.834 ug/ml
5) T A~2-methylnaphthalene...	7.025	737888	4.811 ug/ml
6) T n-Tetradecane (C14)	8.200	686430	4.862 ug/ml
7) T n-Hexadecane (C16)	9.803	699145	4.865 ug/ml
8) T n-Octadecane (C18)	11.246	697663	4.875 ug/ml
10) T n-Eicosane (C20)	12.556	666147	4.896 ug/ml
11) T n-Heneicosane (C21)	13.169	653527	4.903 ug/ml
13) T n-Docosane (C22)	13.756	644168	4.888 ug/ml
14) T n-Tetracosane (C24)	14.859	639739	4.914 ug/ml
15) T n-Hexacosane (C26)	15.880	624581	4.911 ug/ml
16) T n-Octacosane (C28)	16.830	611373	4.925 ug/ml
17) T n-Tricontane (C30)	17.719	632867	5.022 ug/ml
18) T n-Dotriacontane (C32)	18.552	616529	5.009 ug/ml
19) T n-Tetratriacontane (C34)	19.336	599782	5.001 ug/ml
20) T n-Hexatriacontane (C36)	20.075	626201	5.169 ug/ml
21) T n-Octatriacontane (C38)	20.812	607918	5.255 ug/ml
22) T n-Tetracontane (C40)	21.725	675279	5.513 ug/ml

(f)=RT Delta > 1/2 Window

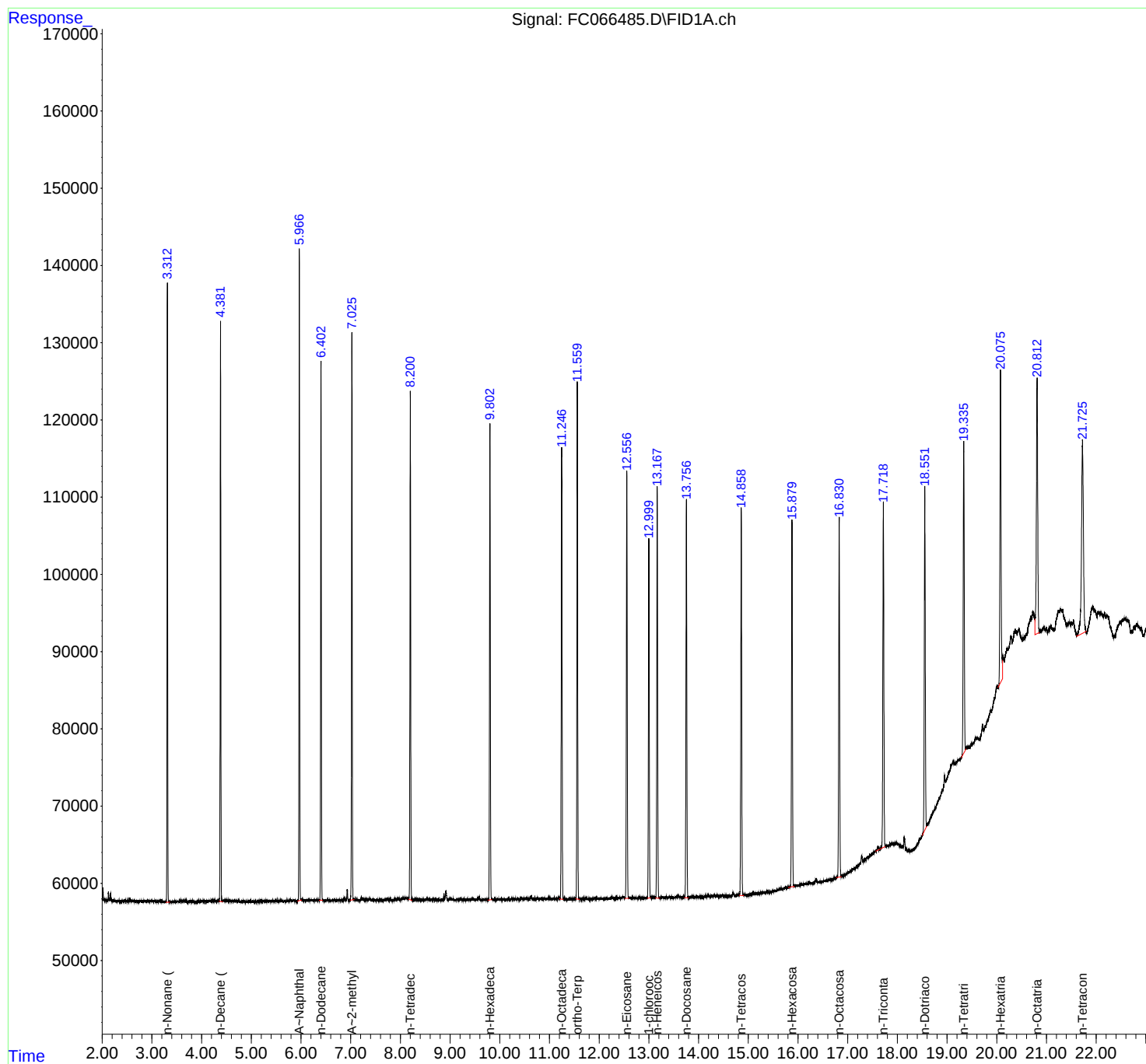
(m)=manual int.

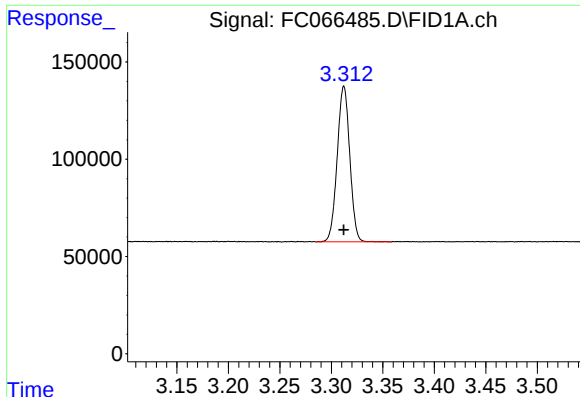
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC052824AL\
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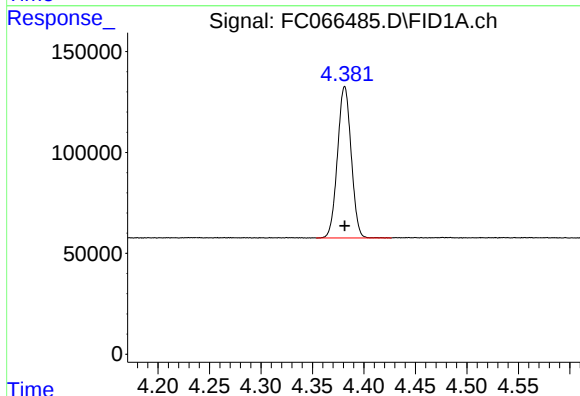




#1 n-Nonane (C9)

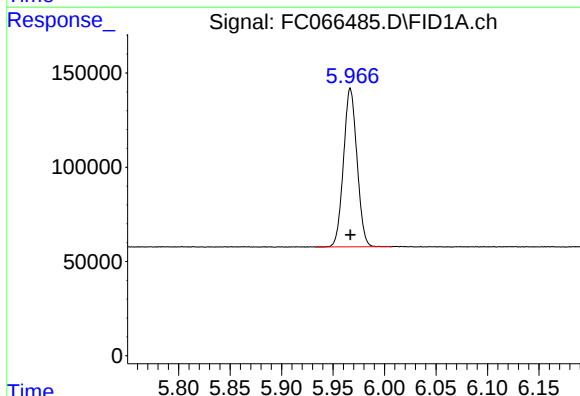
R.T.: 3.312 min
Delta R.T.: 0.000 min
Response: 680063
Conc: 4.86 ug/ml

Instrument :
FID_C
ClientSampleId :
5 PPM ALIPHATIC HC STD5



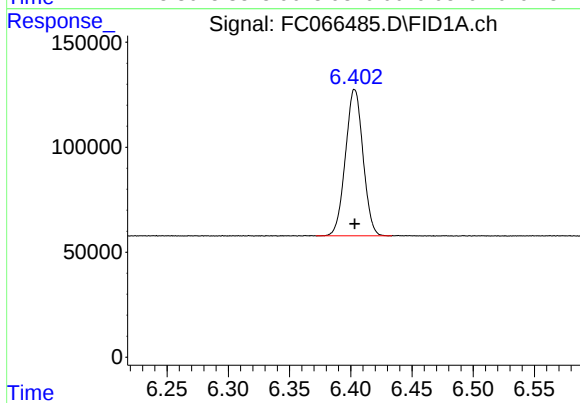
#2 n-Decane (C10)

R.T.: 4.381 min
Delta R.T.: 0.000 min
Response: 693764
Conc: 4.82 ug/ml



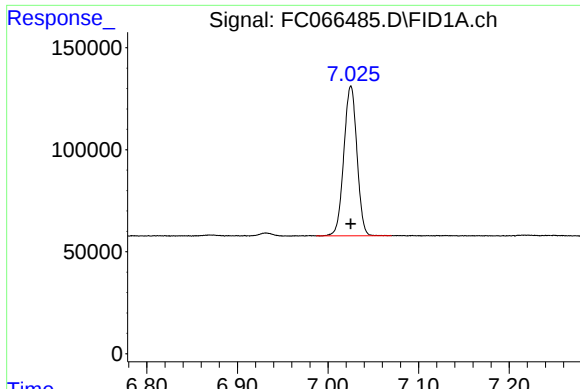
#3 A~Naphthalene (C11.7)

R.T.: 5.967 min
Delta R.T.: 0.000 min
Response: 768186
Conc: 4.82 ug/ml



#4 n-Dodecane (C12)

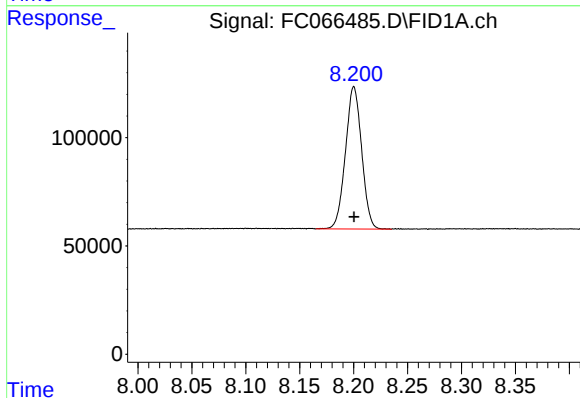
R.T.: 6.403 min
Delta R.T.: 0.000 min
Response: 696006
Conc: 4.83 ug/ml



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

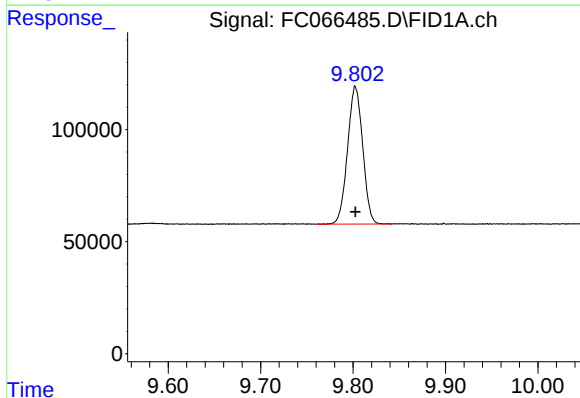
R.T.: 7.025 min
Delta R.T.: 0.000 min
Response: 737888
Conc: 4.81 ug/ml

Instrument :
FID_C
ClientSampleId :
5 PPM ALIPHATIC HC STD5



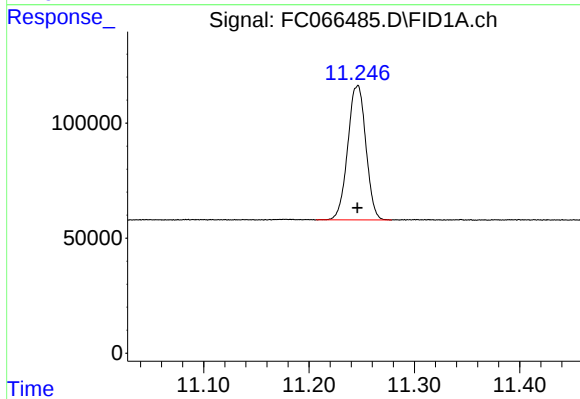
#6 n-Tetradecane (C14)

R.T.: 8.200 min
Delta R.T.: 0.000 min
Response: 686430
Conc: 4.86 ug/ml



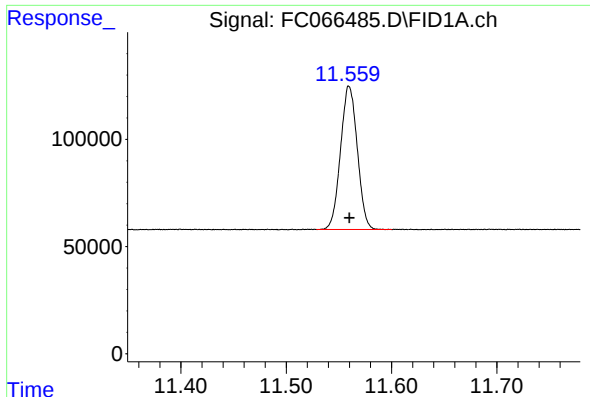
#7 n-Hexadecane (C16)

R.T.: 9.803 min
Delta R.T.: 0.000 min
Response: 699145
Conc: 4.86 ug/ml



#8 n-Octadecane (C18)

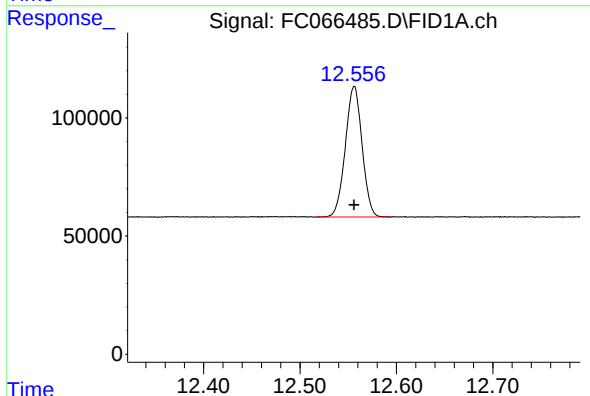
R.T.: 11.246 min
Delta R.T.: 0.000 min
Response: 697663
Conc: 4.88 ug/ml



#9 ortho-Terphenyl (SURR)

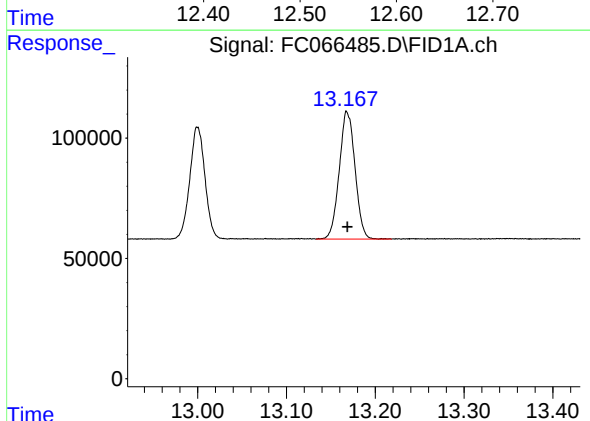
R.T.: 11.560 min
Delta R.T.: 0.000 min
Response: 739294
Conc: 4.86 ug/ml

Instrument :
FID_C
ClientSampleId :
5 PPM ALIPHATIC HC STD5



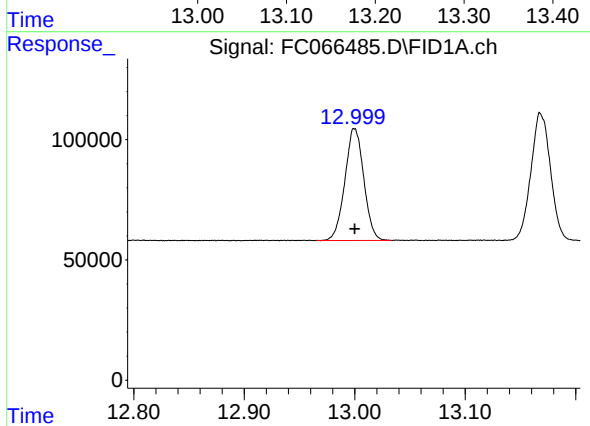
#10 n-Eicosane (C20)

R.T.: 12.556 min
Delta R.T.: 0.000 min
Response: 666147
Conc: 4.90 ug/ml



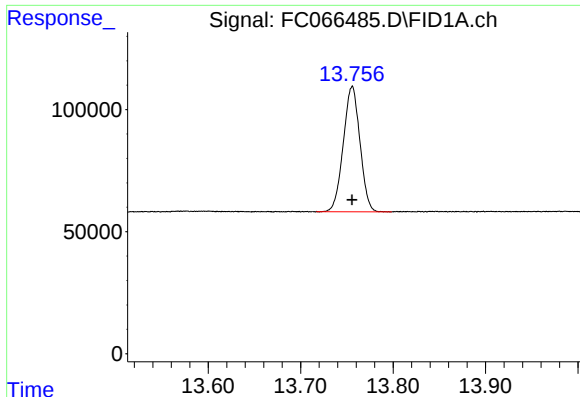
#11 n-Heneicosane (C21)

R.T.: 13.169 min
Delta R.T.: 0.000 min
Response: 653527
Conc: 4.90 ug/ml



#12 1-chlorooctadecane (SURR)

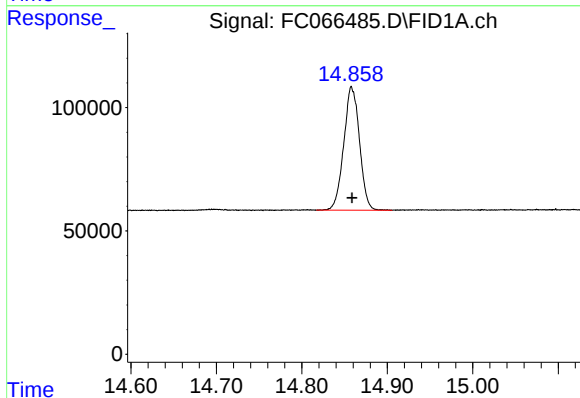
R.T.: 13.000 min
Delta R.T.: 0.000 min
Response: 552750
Conc: 4.84 ug/ml



#13 n-Docosane (C22)

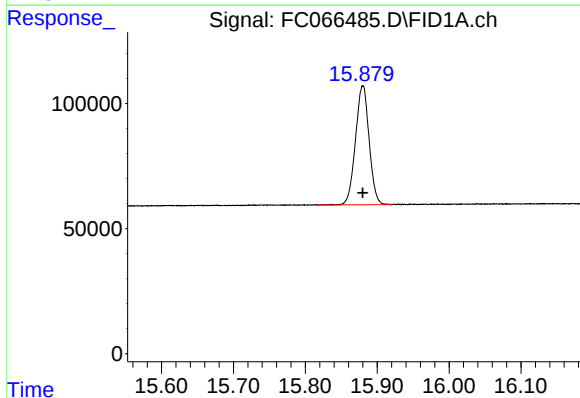
R.T.: 13.756 min
Delta R.T.: 0.000 min
Response: 644168
Conc: 4.89 ug/ml

Instrument :
FID_C
ClientSampleId :
5 PPM ALIPHATIC HC STD5



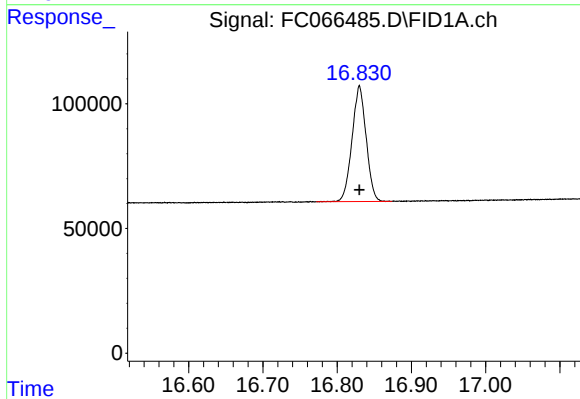
#14 n-Tetracosane (C24)

R.T.: 14.859 min
Delta R.T.: 0.000 min
Response: 639739
Conc: 4.91 ug/ml



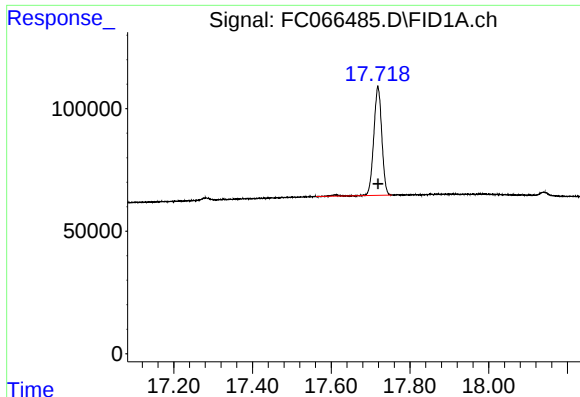
#15 n-Hexacosane (C26)

R.T.: 15.880 min
Delta R.T.: 0.000 min
Response: 624581
Conc: 4.91 ug/ml



#16 n-Octacosane (C28)

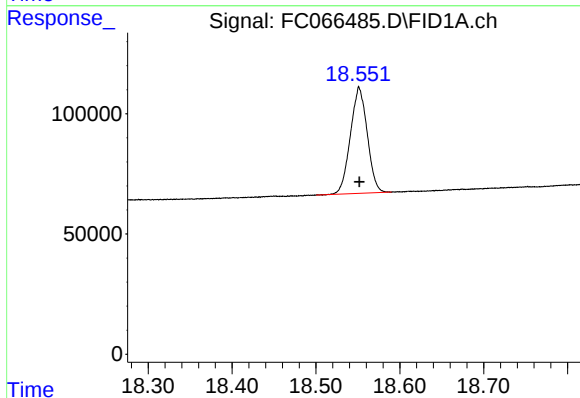
R.T.: 16.830 min
Delta R.T.: 0.000 min
Response: 611373
Conc: 4.92 ug/ml



#17 n-Tricontane (C30)

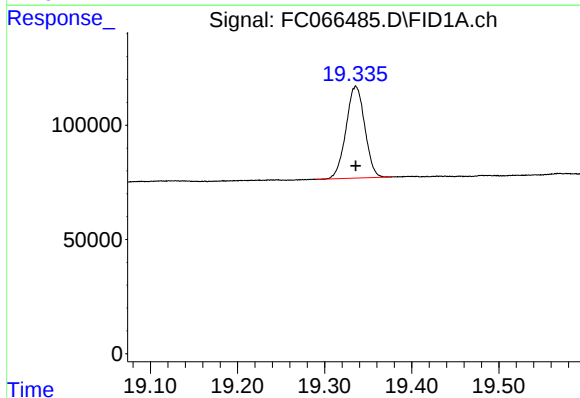
R.T.: 17.719 min
Delta R.T.: 0.000 min
Response: 632867
Conc: 5.02 ug/ml

Instrument :
FID_C
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5 PPM ALIPHATIC HC STD5



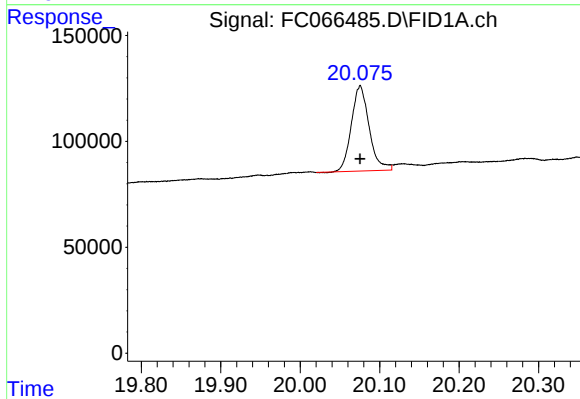
#18 n-Dotriacontane (C32)

R.T.: 18.552 min
Delta R.T.: 0.000 min
Response: 616529
Conc: 5.01 ug/ml



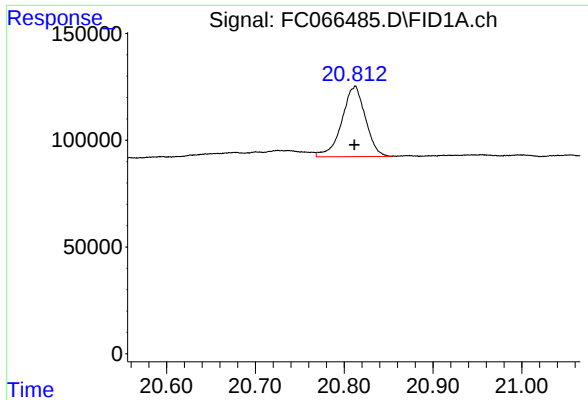
#19 n-Tetratriacontane (C34)

R.T.: 19.336 min
Delta R.T.: 0.000 min
Response: 599782
Conc: 5.00 ug/ml



#20 n-Hexatriacontane (C36)

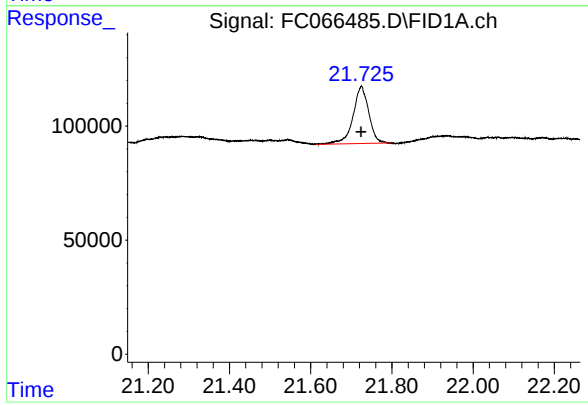
R.T.: 20.075 min
Delta R.T.: 0.000 min
Response: 626201
Conc: 5.17 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.812 min
Delta R.T.: 0.000 min
Response: 607918
Conc: 5.26 ug/ml

Instrument :
FID_C
ClientSampleId :
5 PPM ALIPHATIC HC STD5



#22 n-Tetracontane (C40)

R.T.: 21.725 min
Delta R.T.: 0.000 min
Response: 675279
Conc: 5.51 ug/ml