

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC092022AL\
 Data File : FC061577.D
 Signal(s) : FID1A.ch
 Acq On : 20 Sep 2022 14:45
 Operator : YP/AJ
 Sample : 50 PPM ALIPHATIC HC STD2
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 50 PPM ALIPHATIC HC STD2

Integration File: autoint1.e
 Quant Time: Sep 20 16:45:12 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 092022.M
 Quant Title : GC Extractables
 QLast Update : Tue Sep 20 16:42:53 2022
 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)	11.577	7966414	50.086 ug/ml
Spiked Amount 50.000		Recovery =	100.17%
12) S 1-chlorooctadecane (S...	13.015	6359659	50.145 ug/ml
Spiked Amount 50.000		Recovery =	100.29%
Target Compounds			
1) T n-Nonane (C9)	3.324	6945469	50.048 ug/ml
2) T n-Decane (C10)	4.394	7012210	49.908 ug/ml
3) T A~Naphthalene (C11.7)	5.980	7702974	49.903 ug/ml
4) T n-Dodecane (C12)	6.414	7062549	49.891 ug/ml
5) T A~2-methylnaphthalene...	7.038	7638711	49.897 ug/ml
6) T n-Tetradecane (C14)	8.214	7094709	49.958 ug/ml
7) T n-Hexadecane (C16)	9.816	7199074	49.961 ug/ml
8) T n-Octadecane (C18)	11.261	7346141	50.132 ug/ml
10) T n-Eicosane (C20)	12.570	7411939	50.157 ug/ml
11) T n-Heneicosane (C21)	13.183	7451919	50.141 ug/ml
13) T n-Docosane (C22)	13.769	7462803	50.219 ug/ml
14) T n-Tetracosane (C24)	14.872	7426760	50.250 ug/ml
15) T n-Hexacosane (C26)	15.893	7349699	50.355 ug/ml
16) T n-Octacosane (C28)	16.842	7177051	50.440 ug/ml
17) T n-Tricontane (C30)	17.729	7082371	50.584 ug/ml
18) T n-Dotriacontane (C32)	18.563	6894003	50.673 ug/ml
19) T n-Tetratriacontane (C34)	19.346	6477635	50.821 ug/ml
20) T n-Hexatriacontane (C36)	20.084	6362947	50.918 ug/ml
21) T n-Octatriacontane (C38)	20.818	5954866	50.439 ug/ml
22) T n-Tetracontane (C40)	21.730	5690032	50.862 ug/ml

(f)=RT Delta > 1/2 Window

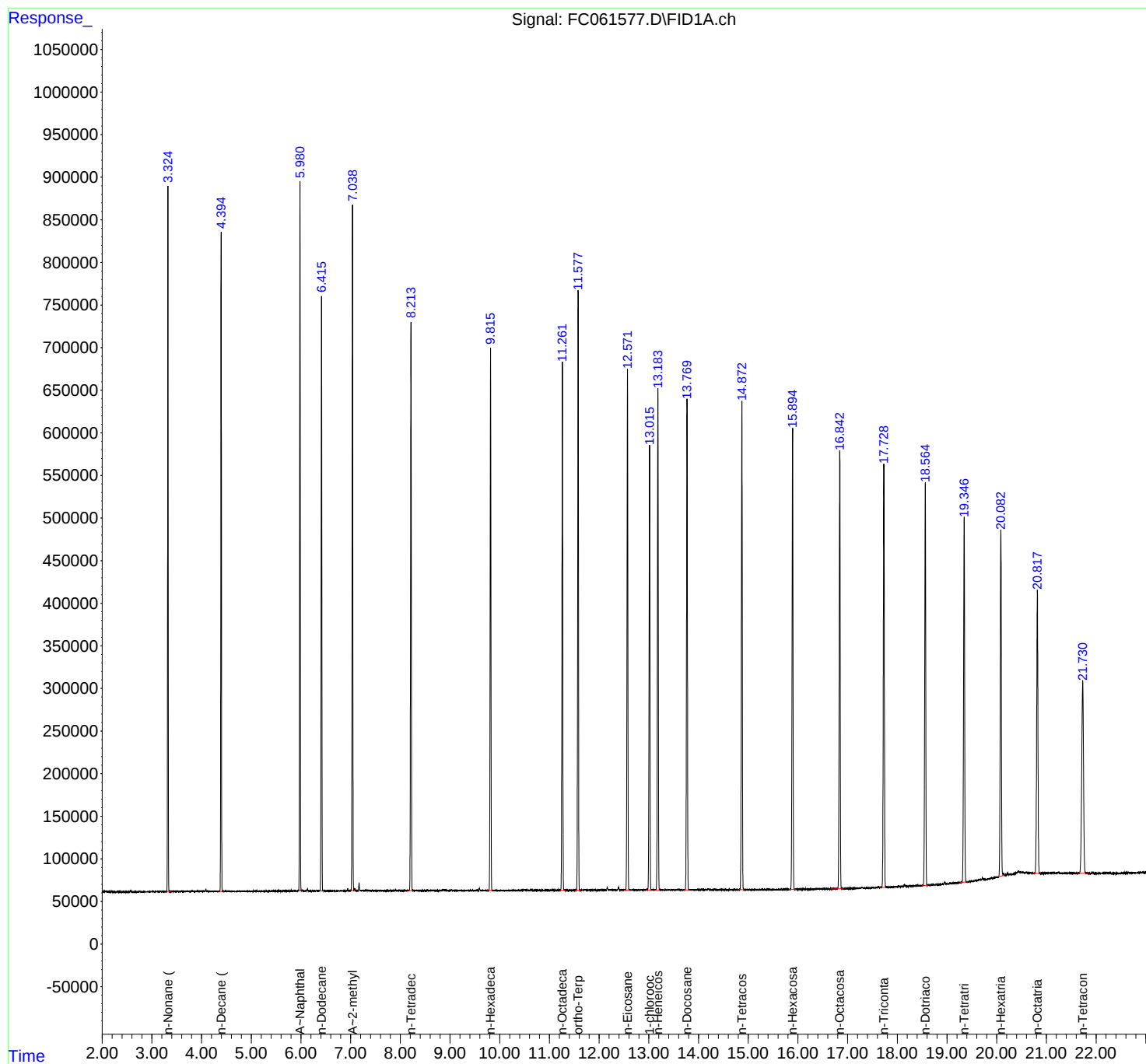
(m)=manual int.

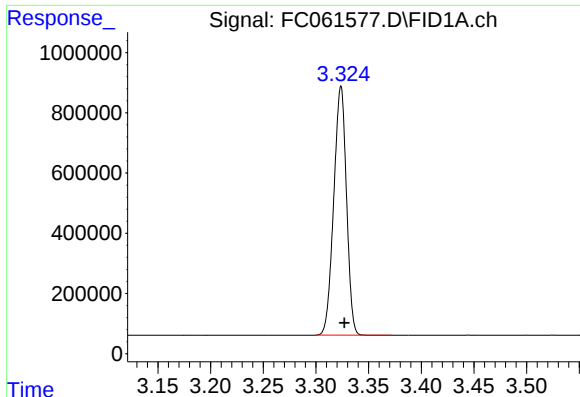
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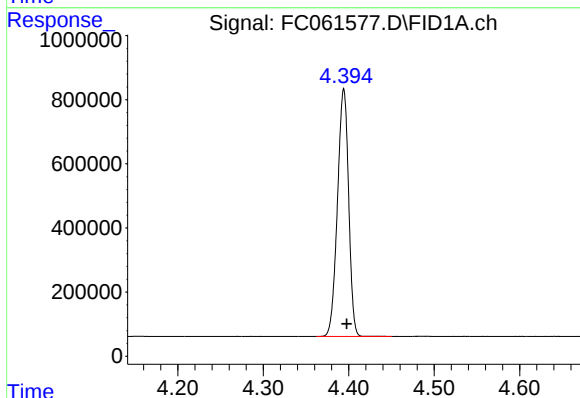




#1 n-Nonane (C9)

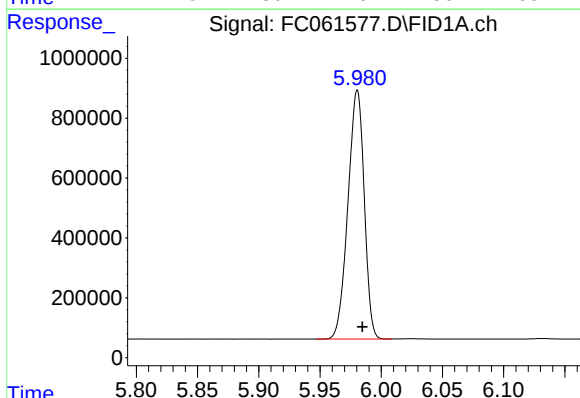
R.T.: 3.324 min
Delta R.T.: -0.003 min
Response: 6945469
Conc: 50.05 ug/ml

Instrument :
FID_C
ClientSampleId :
50 PPM ALIPHATIC HC STD2



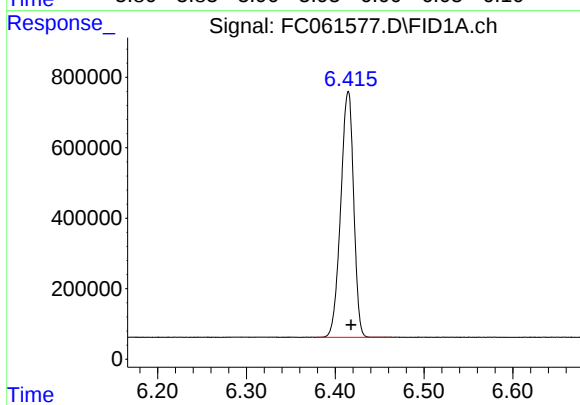
#2 n-Decane (C10)

R.T.: 4.394 min
Delta R.T.: -0.004 min
Response: 7012210
Conc: 49.91 ug/ml



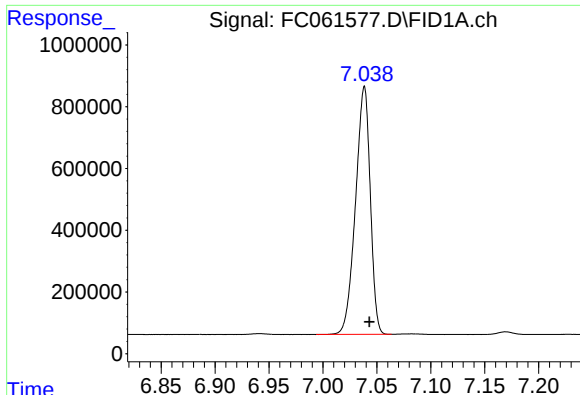
#3 A~Naphthalene (C11.7)

R.T.: 5.980 min
Delta R.T.: -0.004 min
Response: 7702974
Conc: 49.90 ug/ml



#4 n-Dodecane (C12)

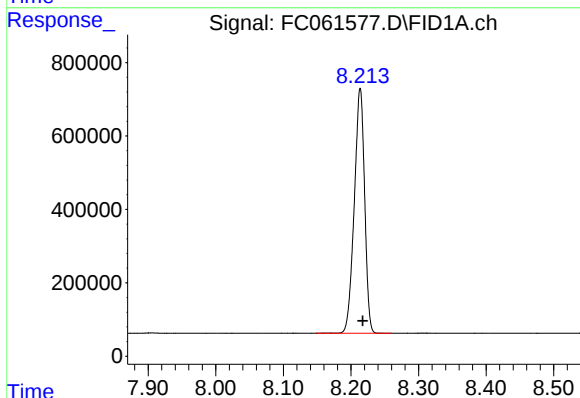
R.T.: 6.414 min
Delta R.T.: -0.004 min
Response: 7062549
Conc: 49.89 ug/ml



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

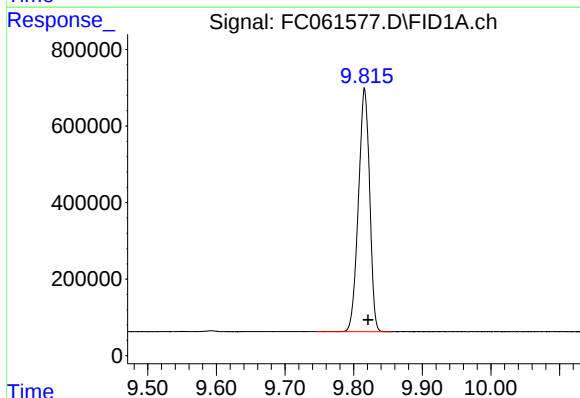
R.T.: 7.038 min
Delta R.T.: -0.005 min
Response: 7638711
Conc: 49.90 ug/ml

Instrument :
FID_C
ClientSampleId :
50 PPM ALIPHATIC HC STD2



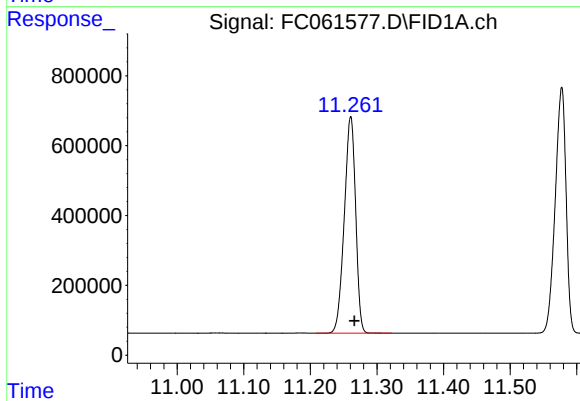
#6 n-Tetradecane (C14)

R.T.: 8.214 min
Delta R.T.: -0.004 min
Response: 7094709
Conc: 49.96 ug/ml



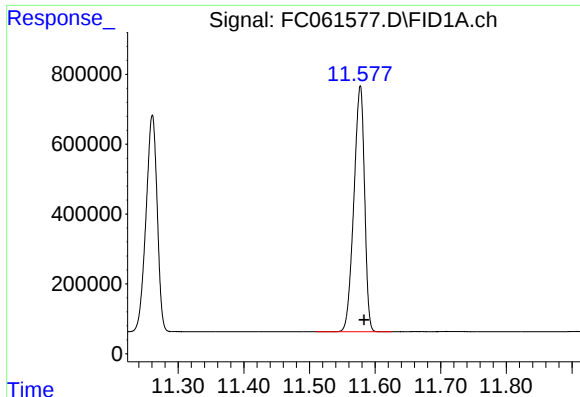
#7 n-Hexadecane (C16)

R.T.: 9.816 min
Delta R.T.: -0.005 min
Response: 7199074
Conc: 49.96 ug/ml



#8 n-Octadecane (C18)

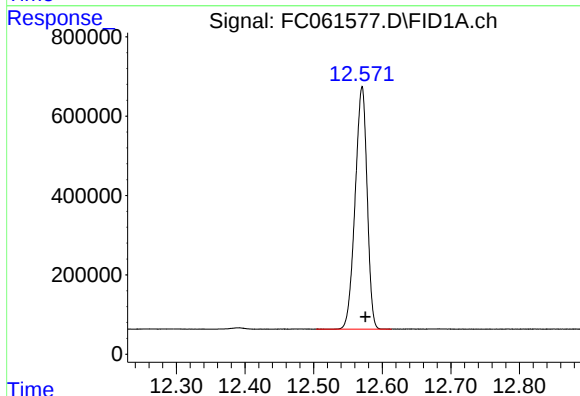
R.T.: 11.261 min
Delta R.T.: -0.006 min
Response: 7346141
Conc: 50.13 ug/ml



#9 ortho-Terphenyl (SURR)

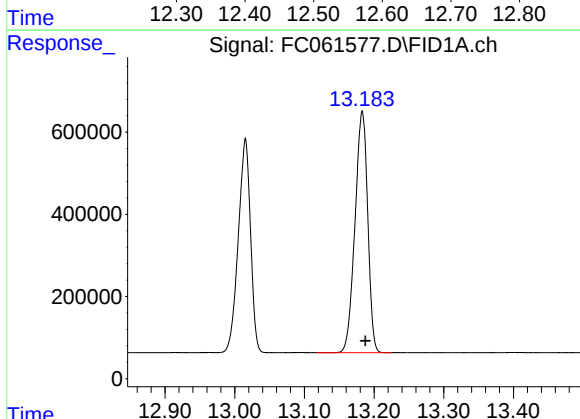
R.T.: 11.577 min
Delta R.T.: -0.006 min
Response: 7966414
Conc: 50.09 ug/ml

Instrument :
FID_C
ClientSampleId :
50 PPM ALIPHATIC HC STD2



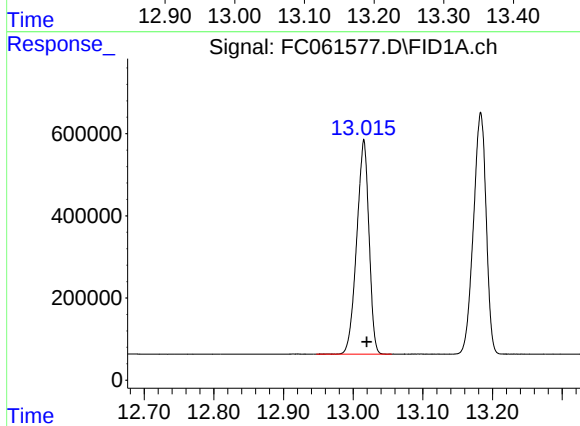
#10 n-Eicosane (C20)

R.T.: 12.570 min
Delta R.T.: -0.005 min
Response: 7411939
Conc: 50.16 ug/ml



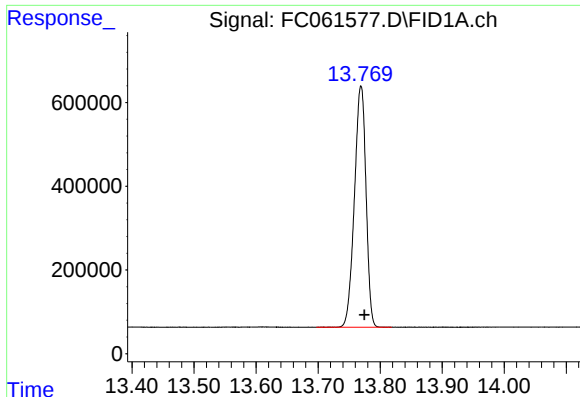
#11 n-Heneicosane (C21)

R.T.: 13.183 min
Delta R.T.: -0.005 min
Response: 7451919
Conc: 50.14 ug/ml



#12 1-chlorooctadecane (SURR)

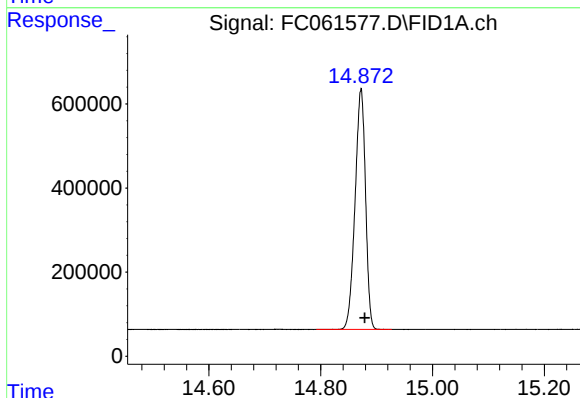
R.T.: 13.015 min
Delta R.T.: -0.004 min
Response: 6359659
Conc: 50.15 ug/ml



#13 n-Docosane (C22)

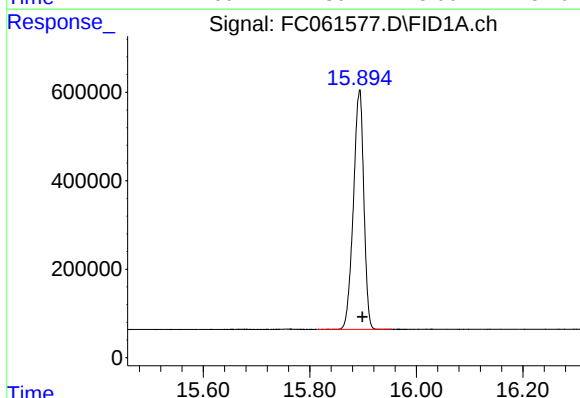
R.T.: 13.769 min
Delta R.T.: -0.005 min
Response: 7462803
Conc: 50.22 ug/ml

Instrument :
FID_C
ClientSampleId :
50 PPM ALIPHATIC HC STD2



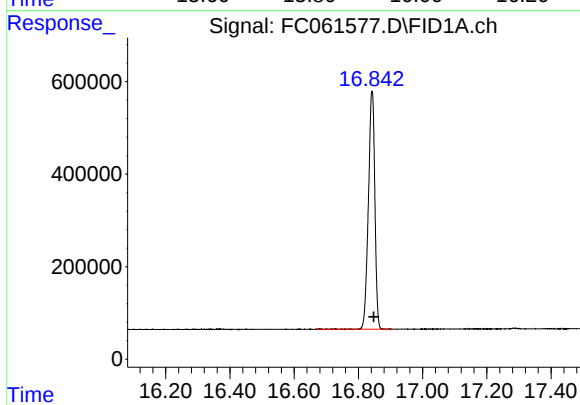
#14 n-Tetracosane (C24)

R.T.: 14.872 min
Delta R.T.: -0.006 min
Response: 7426760
Conc: 50.25 ug/ml



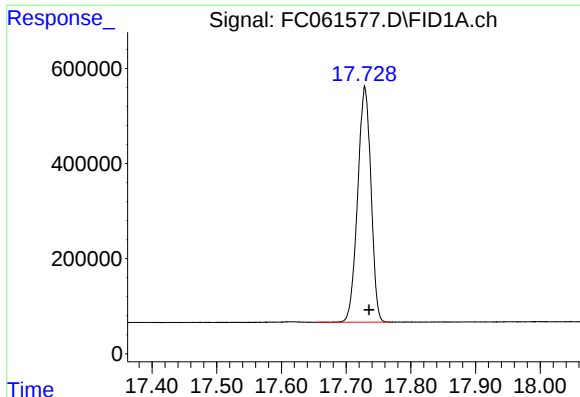
#15 n-Hexacosane (C26)

R.T.: 15.893 min
Delta R.T.: -0.006 min
Response: 7349699
Conc: 50.36 ug/ml



#16 n-Octacosane (C28)

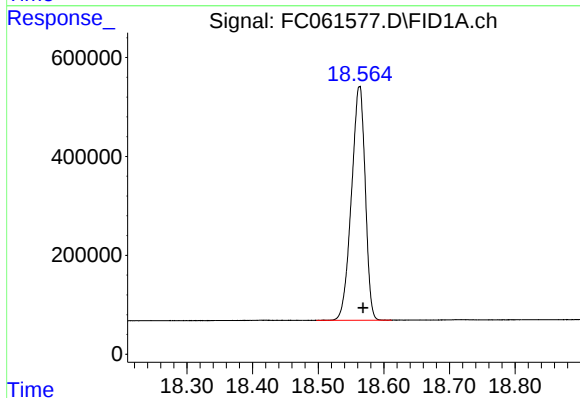
R.T.: 16.842 min
Delta R.T.: -0.006 min
Response: 7177051
Conc: 50.44 ug/ml



#17 n-Tricontane (C30)

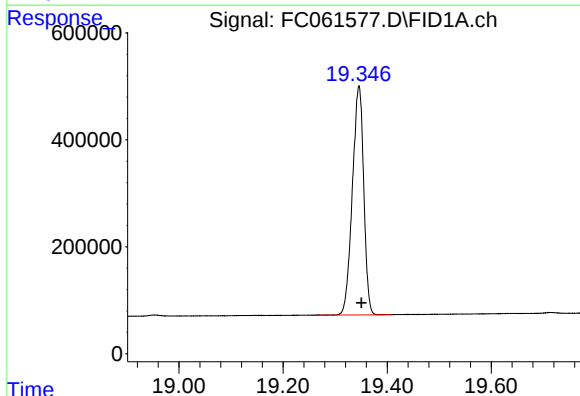
R.T.: 17.729 min
Delta R.T.: -0.007 min
Response: 7082371
Conc: 50.58 ug/ml

Instrument :
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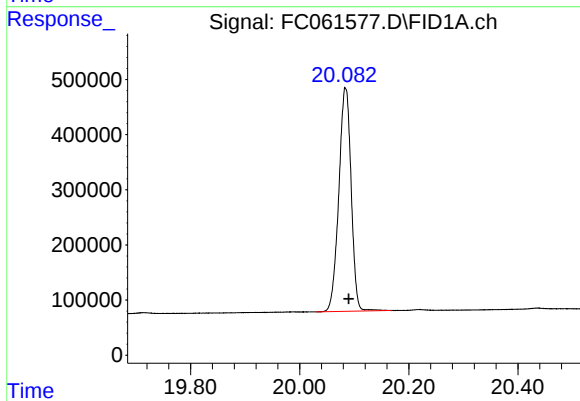
#18 n-Dotriacontane (C32)

R.T.: 18.563 min
Delta R.T.: -0.006 min
Response: 6894003
Conc: 50.67 ug/ml



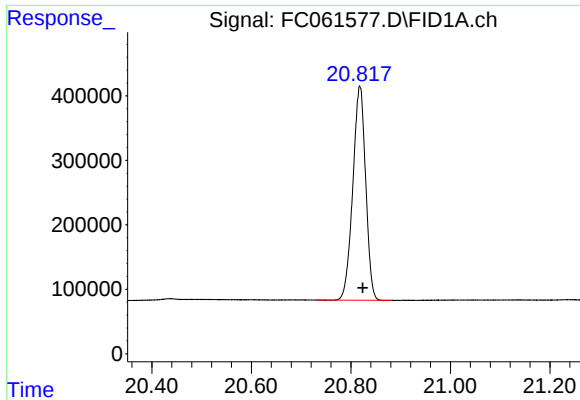
#19 n-Tetratriacontane (C34)

R.T.: 19.346 min
Delta R.T.: -0.005 min
Response: 6477635
Conc: 50.82 ug/ml



#20 n-Hexatriacontane (C36)

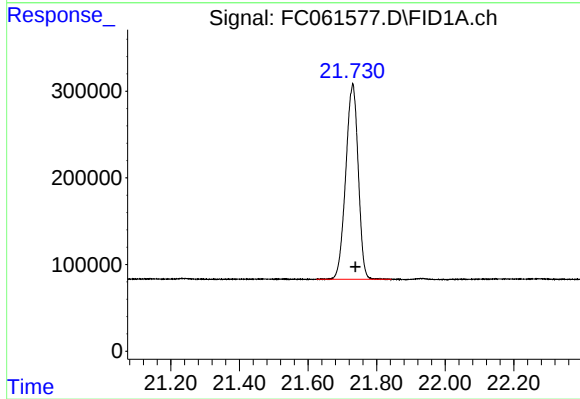
R.T.: 20.084 min
Delta R.T.: -0.006 min
Response: 6362947
Conc: 50.92 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.818 min
Delta R.T.: -0.006 min
Response: 5954866
Conc: 50.44 ug/ml

Instrument :
FID_C
ClientSampleId :
50 PPM ALIPHATIC HC STD2



#22 n-Tetracontane (C40)

R.T.: 21.730 min
Delta R.T.: -0.008 min
Response: 5690032
Conc: 50.86 ug/ml