

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC101323AL\
 Data File : FC064807.D
 Signal(s) : FID1A.ch
 Acq On : 13 Oct 2023 13:41
 Operator : YP/AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: Oct 13 14:11:35 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 101023.M
 Quant Title : GC Extractables
 QLast Update : Tue Oct 10 12:17:45 2023
 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)	11.519	4519464	21.167 ug/ml
Spiked Amount 50.000		Recovery =	42.33%
12) S 1-chlorooctadecane (S...	12.951	3257552	21.725 ug/ml
Spiked Amount 50.000		Recovery =	43.45%
Target Compounds			
1) T n-Nonane (C9)	3.319	3921118	21.349 ug/ml
2) T n-Decane (C10)	4.378	3922917	21.445 ug/ml
3) T A~Naphthalene (C11.7)	5.960	4024643	21.220 ug/ml
4) T n-Dodecane (C12)	6.388	4004133	21.482 ug/ml
5) T A~2-methylnaphthalene...	7.014	3779599	21.582 ug/ml
6) T n-Tetradecane (C14)	8.176	3884259	21.627 ug/ml
7) T n-Hexadecane (C16)	9.771	3887623	21.855 ug/ml
8) T n-Octadecane (C18)	11.205	3874254	21.590 ug/ml
10) T n-Eicosane (C20)	12.508	3710278	21.547 ug/ml
11) T n-Heneicosane (C21)	13.117	3630275	21.436 ug/ml
13) T n-Docosane (C22)	13.702	3543042	21.503 ug/ml
14) T n-Tetracosane (C24)	14.799	3401899	21.374 ug/ml
15) T n-Hexacosane (C26)	15.815	3245965	21.190 ug/ml
16) T n-Octacosane (C28)	16.761	3109208	21.099 ug/ml
17) T n-Tricontane (C30)	17.644	3088009	21.106 ug/ml
18) T n-Dotriacontane (C32)	18.472	3013550	20.870 ug/ml
19) T n-Tetratriacontane (C34)	19.253	2888892	20.532 ug/ml
20) T n-Hexatriacontane (C36)	19.988	2803616	20.264 ug/ml
21) T n-Octatriacontane (C38)	20.708	2696956	20.360 ug/ml
22) T n-Tetracontane (C40)	21.591	2546616	20.349 ug/ml

(f)=RT Delta > 1/2 Window

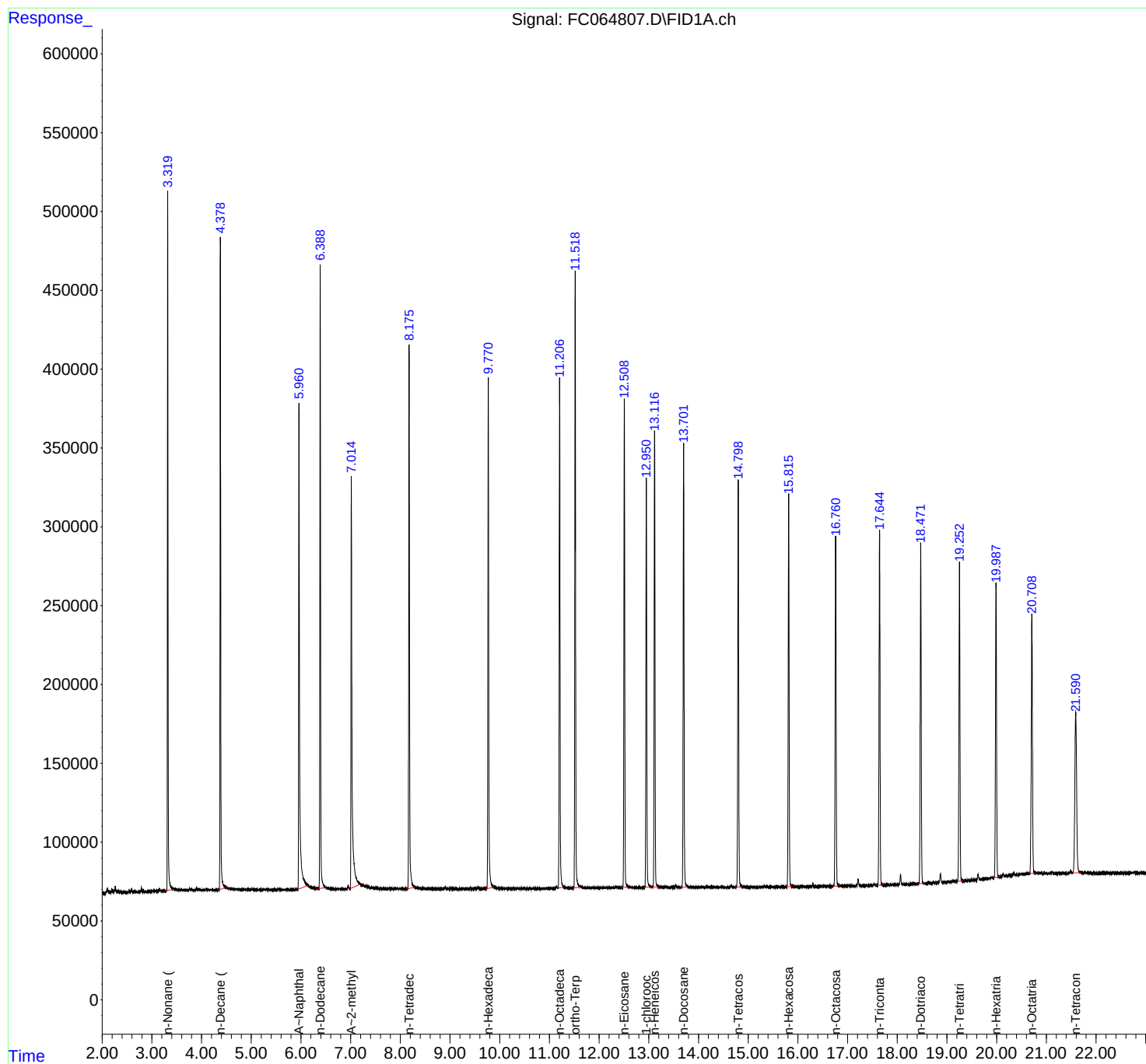
(m)=manual int.

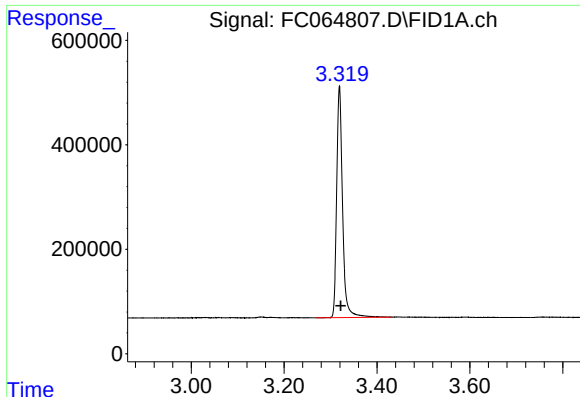
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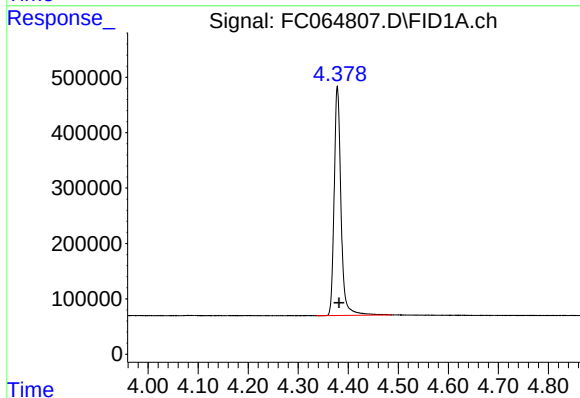




#1 n-Nonane (C9)

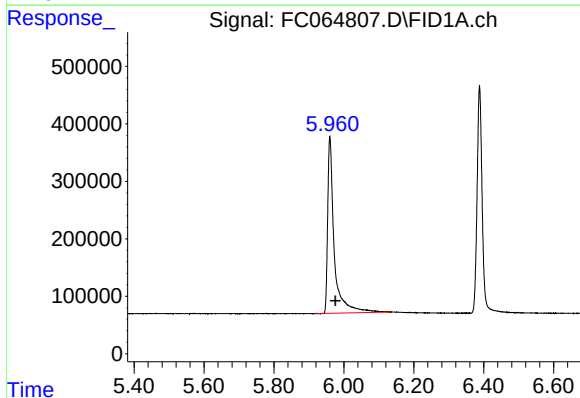
R.T.: 3.319 min
Delta R.T.: -0.003 min
Response: 3921118
Conc: 21.35 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



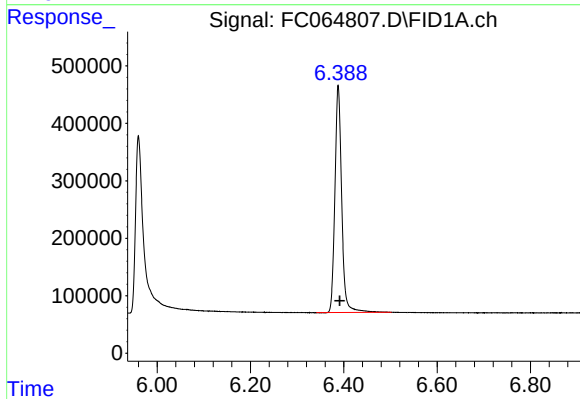
#2 n-Decane (C10)

R.T.: 4.378 min
Delta R.T.: -0.003 min
Response: 3922917
Conc: 21.45 ug/ml



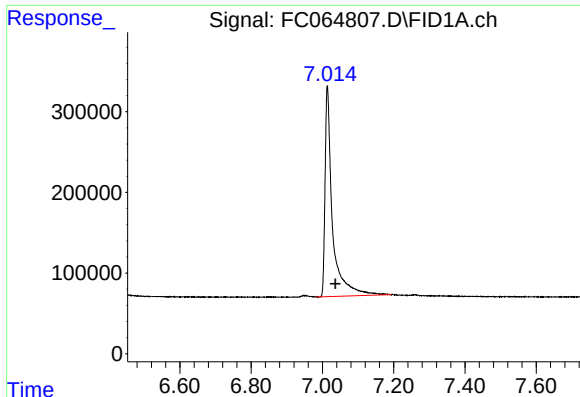
#3 A~Naphthalene (C11.7)

R.T.: 5.960 min
Delta R.T.: -0.015 min
Response: 4024643
Conc: 21.22 ug/ml



#4 n-Dodecane (C12)

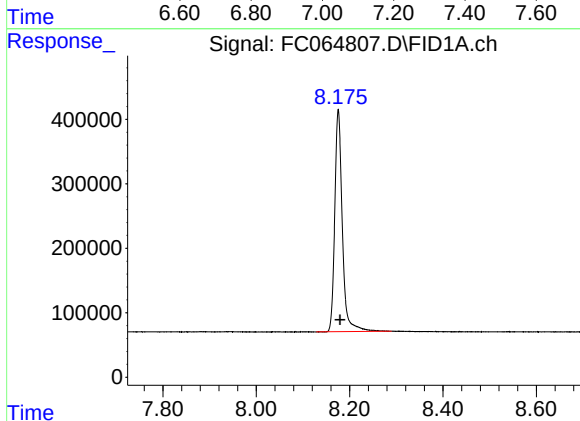
R.T.: 6.388 min
Delta R.T.: -0.003 min
Response: 4004133
Conc: 21.48 ug/ml



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

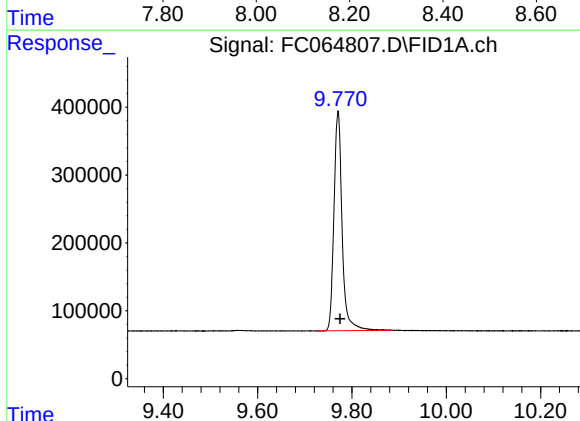
R.T.: 7.014 min
Delta R.T.: -0.022 min
Response: 3779599
Conc: 21.58 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



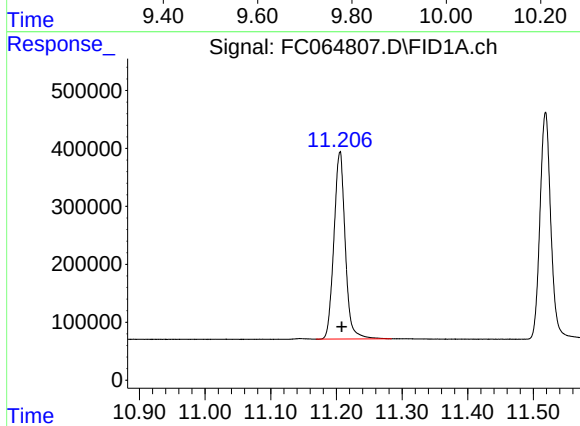
#6 n-Tetradecane (C14)

R.T.: 8.176 min
Delta R.T.: -0.004 min
Response: 3884259
Conc: 21.63 ug/ml



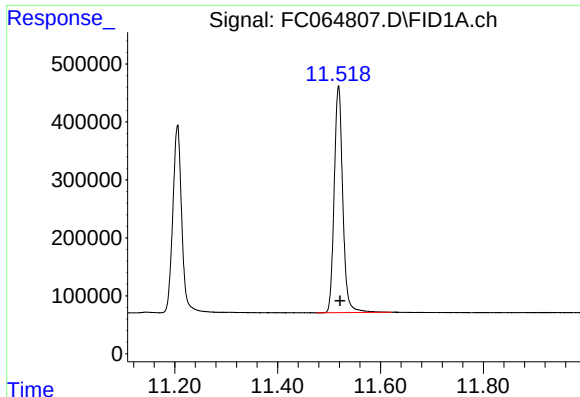
#7 n-Hexadecane (C16)

R.T.: 9.771 min
Delta R.T.: -0.004 min
Response: 3887623
Conc: 21.86 ug/ml



#8 n-Octadecane (C18)

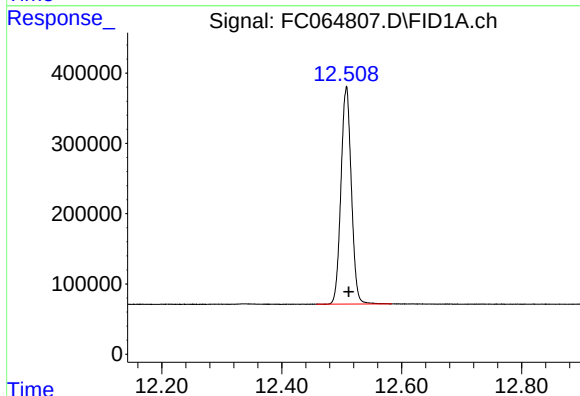
R.T.: 11.205 min
Delta R.T.: -0.003 min
Response: 3874254
Conc: 21.59 ug/ml



#9 ortho-Terphenyl (SURR)

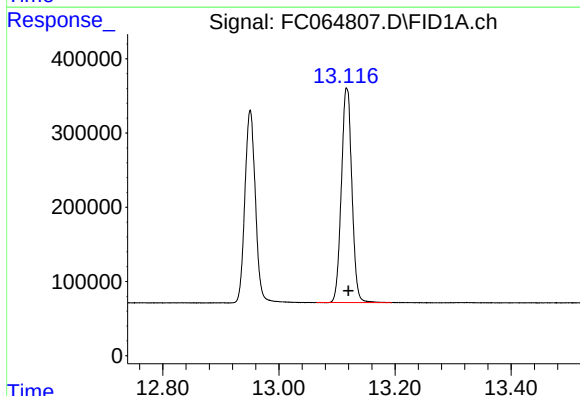
R.T.: 11.519 min
Delta R.T.: -0.003 min
Response: 4519464
Conc: 21.17 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



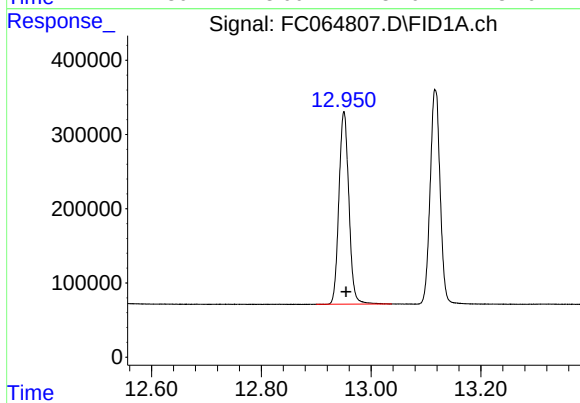
#10 n-Eicosane (C20)

R.T.: 12.508 min
Delta R.T.: -0.004 min
Response: 3710278
Conc: 21.55 ug/ml



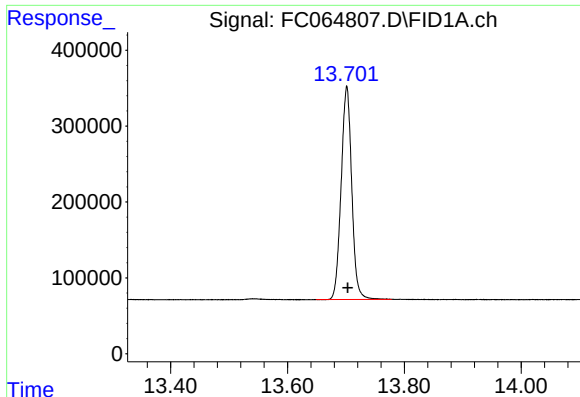
#11 n-Heneicosane (C21)

R.T.: 13.117 min
Delta R.T.: -0.003 min
Response: 3630275
Conc: 21.44 ug/ml



#12 1-chlorooctadecane (SURR)

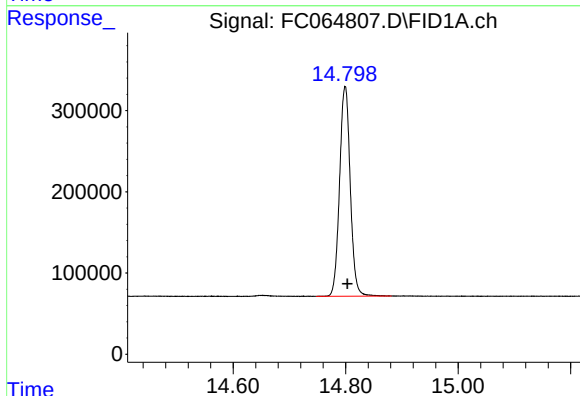
R.T.: 12.951 min
Delta R.T.: -0.004 min
Response: 3257552
Conc: 21.73 ug/ml



#13 n-Docosane (C22)

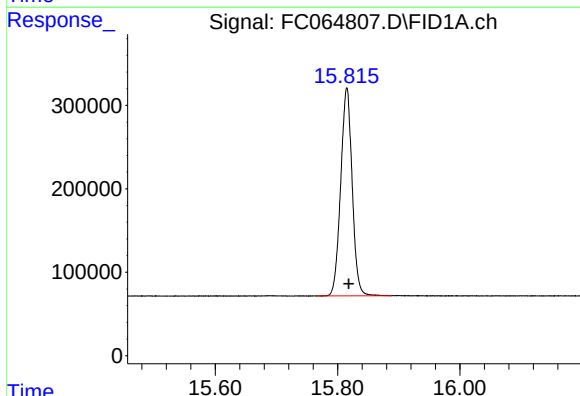
R.T.: 13.702 min
Delta R.T.: -0.001 min
Response: 3543042
Conc: 21.50 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



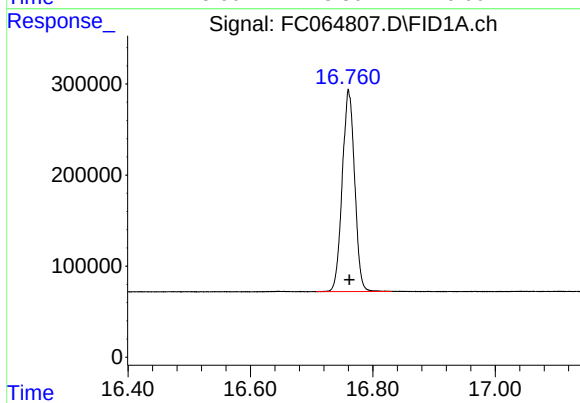
#14 n-Tetracosane (C24)

R.T.: 14.799 min
Delta R.T.: -0.004 min
Response: 3401899
Conc: 21.37 ug/ml



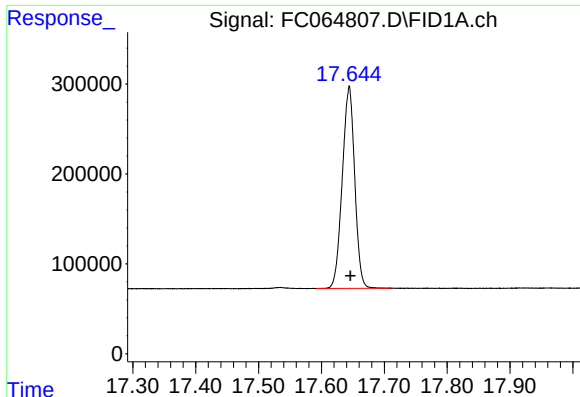
#15 n-Hexacosane (C26)

R.T.: 15.815 min
Delta R.T.: -0.003 min
Response: 3245965
Conc: 21.19 ug/ml



#16 n-Octacosane (C28)

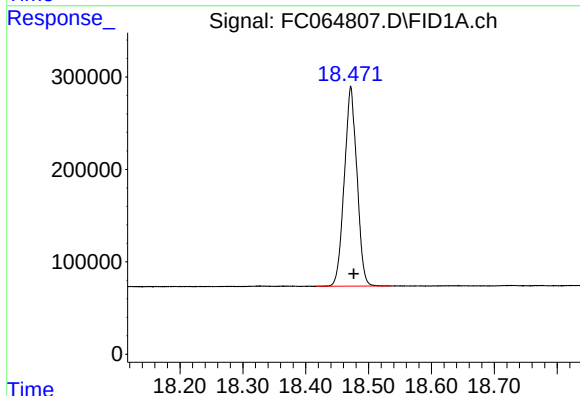
R.T.: 16.761 min
Delta R.T.: -0.001 min
Response: 3109208
Conc: 21.10 ug/ml



#17 n-Tricontane (C30)

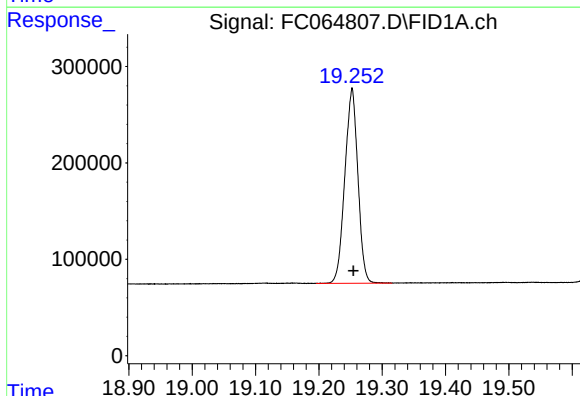
R.T.: 17.644 min
Delta R.T.: -0.002 min
Response: 3088009
Conc: 21.11 ug/ml

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20 PPM ALIPHATIC HC STD



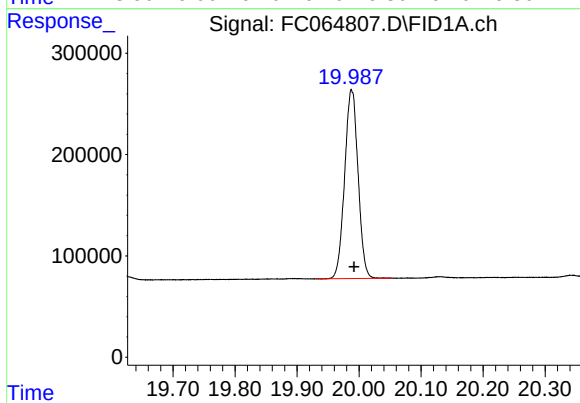
#18 n-Dotriacontane (C32)

R.T.: 18.472 min
Delta R.T.: -0.005 min
Response: 3013550
Conc: 20.87 ug/ml



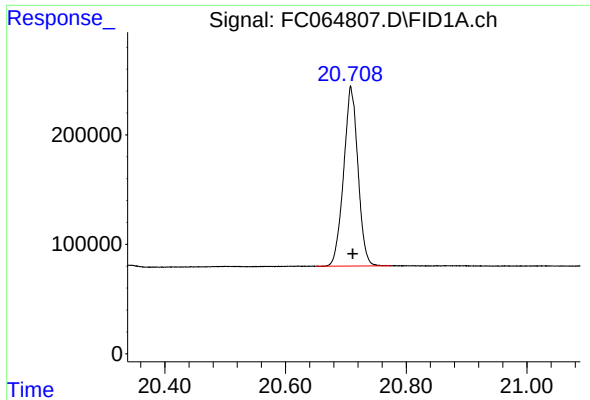
#19 n-Tetratriacontane (C34)

R.T.: 19.253 min
Delta R.T.: -0.002 min
Response: 2888892
Conc: 20.53 ug/ml



#20 n-Hexatriacontane (C36)

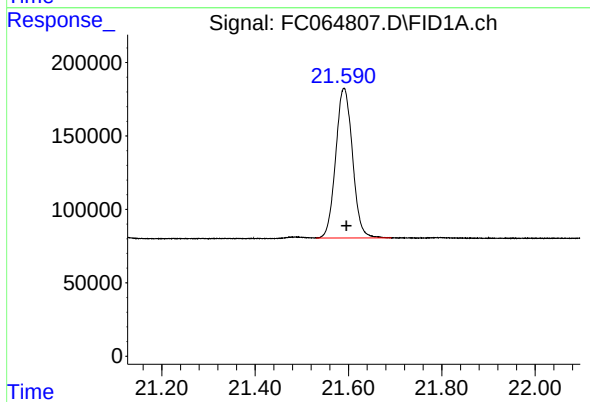
R.T.: 19.988 min
Delta R.T.: -0.004 min
Response: 2803616
Conc: 20.26 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.708 min
Delta R.T.: -0.003 min
Response: 2696956
Conc: 20.36 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.591 min
Delta R.T.: -0.005 min
Response: 2546616
Conc: 20.35 ug/ml