

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC051324AL\
 Data File : FC066407.D
 Signal(s) : FID1A.ch
 Acq On : 13 May 2024 11:53
 Operator : YP/AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: May 14 02:45:50 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 050124.M
 Quant Title : GC Extractables
 QLast Update : Thu May 02 09:03:15 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)	11.557	3535616	21.385 ug/ml
Spiked Amount 50.000		Recovery =	42.77%
12) S 1-chlorooctadecane (S...	12.996	2631916	21.457 ug/ml
Spiked Amount 50.000		Recovery =	42.91%
Target Compounds			
1) T n-Nonane (C9)	3.314	3069656	20.325 ug/ml
2) T n-Decane (C10)	4.382	3206429	20.850 ug/ml
3) T A~Naphthalene (C11.7)	5.964	3531192	20.784 ug/ml
4) T n-Dodecane (C12)	6.403	3244715	21.113 ug/ml
5) T A~2-methylnaphthalene...	7.022	3450026	20.933 ug/ml
6) T n-Tetradecane (C14)	8.200	3204847	21.177 ug/ml
7) T n-Hexadecane (C16)	9.801	3283419	21.473 ug/ml
8) T n-Octadecane (C18)	11.244	3286656	21.653 ug/ml
10) T n-Eicosane (C20)	12.553	3126428	21.733 ug/ml
11) T n-Heneicosane (C21)	13.164	3054182	21.728 ug/ml
13) T n-Docosane (C22)	13.751	3031762	21.654 ug/ml
14) T n-Tetracosane (C24)	14.854	3005788	21.351 ug/ml
15) T n-Hexacosane (C26)	15.876	2929544	21.417 ug/ml
16) T n-Octacosane (C28)	16.826	2900910	21.661 ug/ml
17) T n-Tricontane (C30)	17.714	3017761	22.393 ug/ml
18) T n-Dotriacontane (C32)	18.547	2988175	23.208 ug/ml
19) T n-Tetratriacontane (C34)	19.331	2827049	23.894 ug/ml
20) T n-Hexatriacontane (C36)	20.071	2652673	23.078 ug/ml
21) T n-Octatriacontane (C38)	20.806	2576807	23.940 ug/mlm
22) T n-Tetracontane (C40)	21.715	2501527	23.328 ug/ml

(f)=RT Delta > 1/2 Window

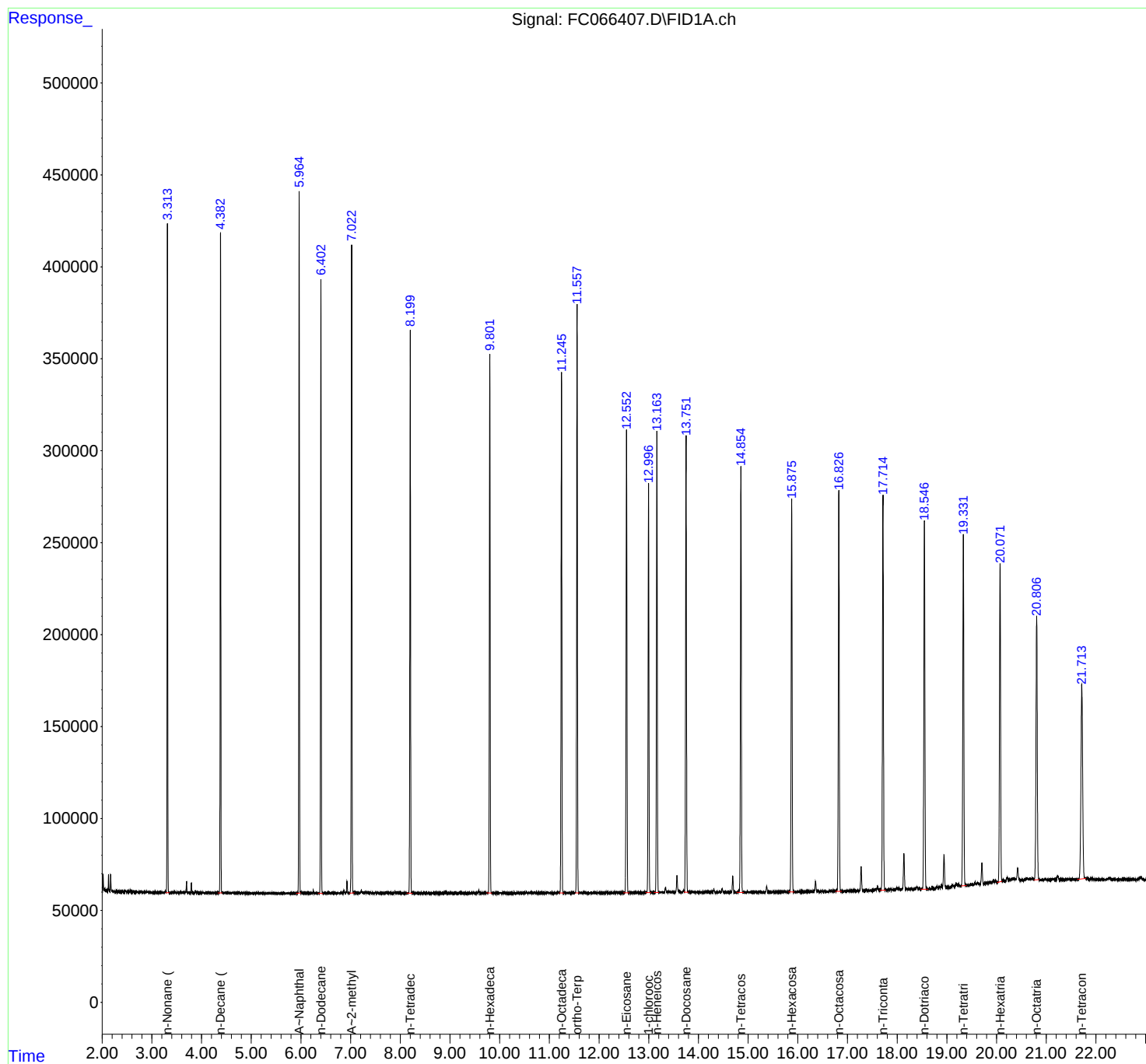
(m)=manual int.

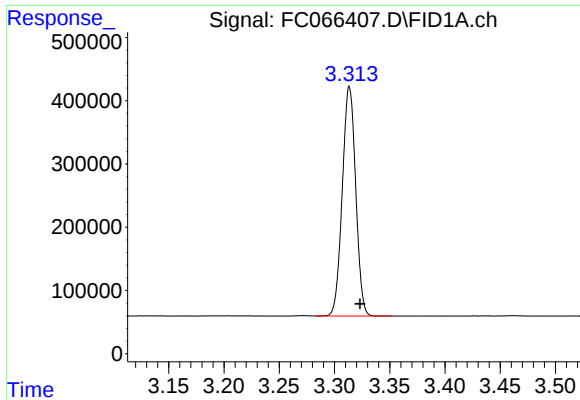
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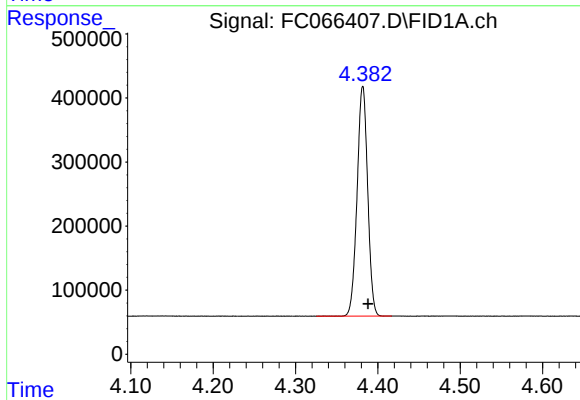




#1 n-Nonane (C9)

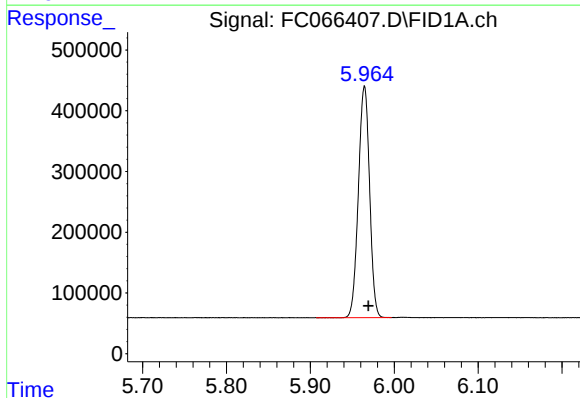
R.T.: 3.314 min
Delta R.T.: -0.009 min
Response: 3069656
Conc: 20.32 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



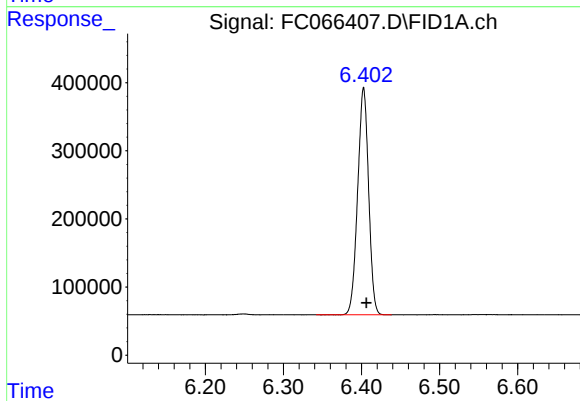
#2 n-Decane (C10)

R.T.: 4.382 min
Delta R.T.: -0.006 min
Response: 3206429
Conc: 20.85 ug/ml



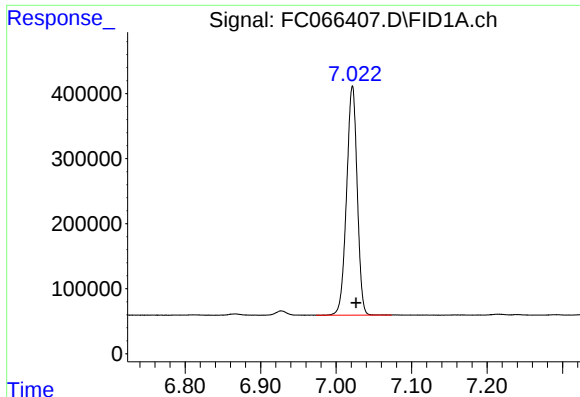
#3 A~Naphthalene (C11.7)

R.T.: 5.964 min
Delta R.T.: -0.005 min
Response: 3531192
Conc: 20.78 ug/ml



#4 n-Dodecane (C12)

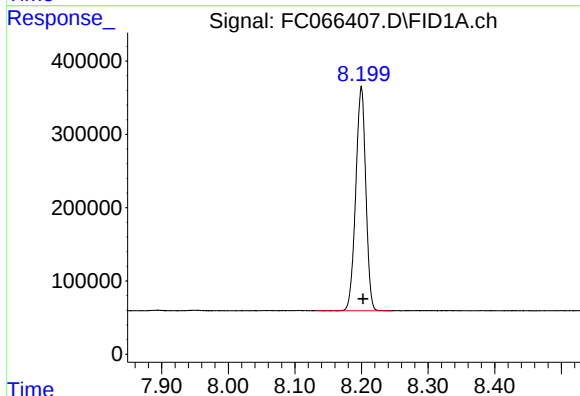
R.T.: 6.403 min
Delta R.T.: -0.004 min
Response: 3244715
Conc: 21.11 ug/ml



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

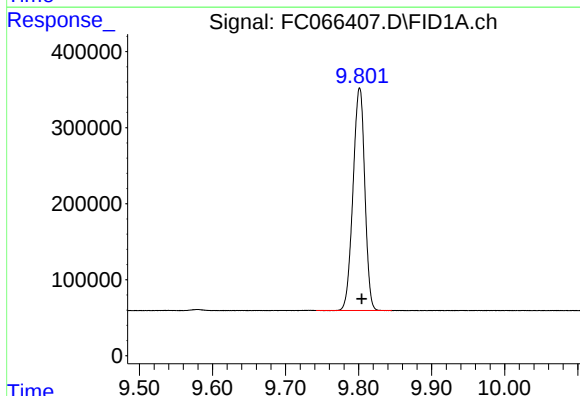
R.T.: 7.022 min
Delta R.T.: -0.005 min
Response: 3450026
Conc: 20.93 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



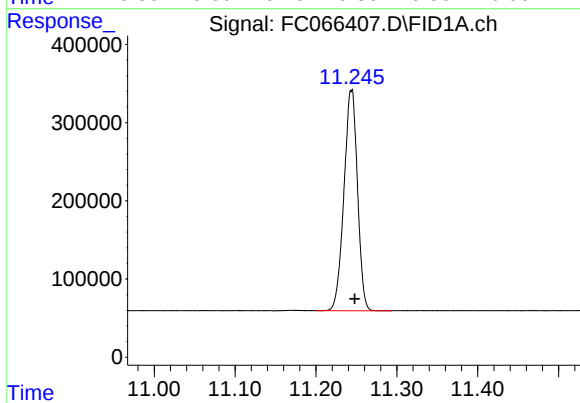
#6 n-Tetradecane (C14)

R.T.: 8.200 min
Delta R.T.: -0.003 min
Response: 3204847
Conc: 21.18 ug/ml



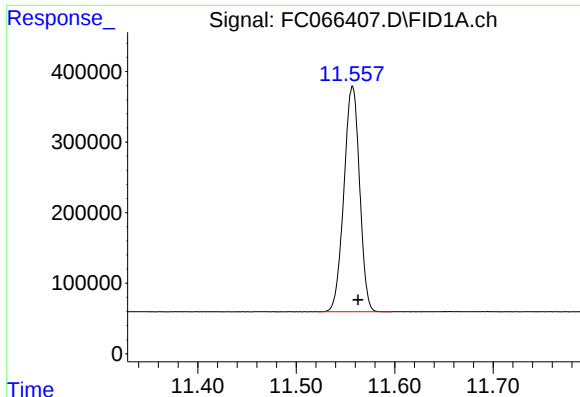
#7 n-Hexadecane (C16)

R.T.: 9.801 min
Delta R.T.: -0.003 min
Response: 3283419
Conc: 21.47 ug/ml



#8 n-Octadecane (C18)

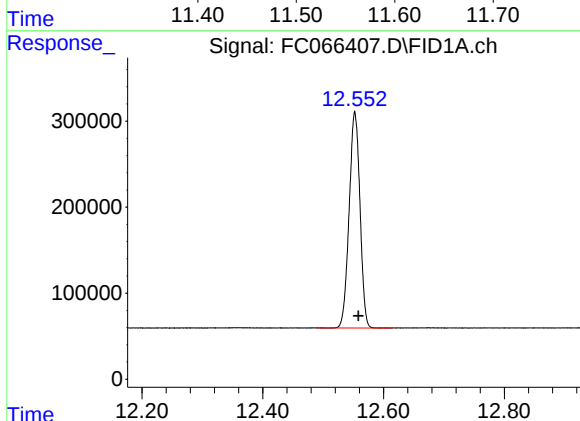
R.T.: 11.244 min
Delta R.T.: -0.004 min
Response: 3286656
Conc: 21.65 ug/ml



#9 ortho-Terphenyl (SURR)

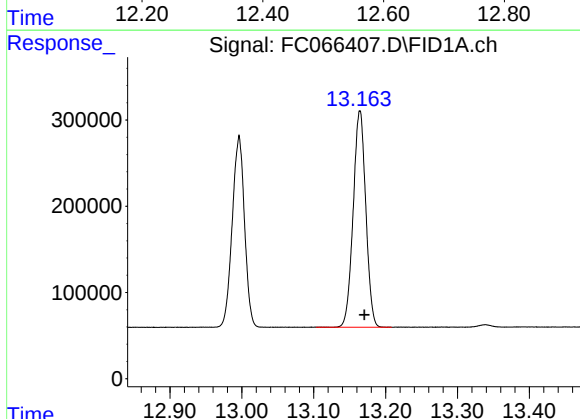
R.T.: 11.557 min
Delta R.T.: -0.006 min
Response: 3535616
Conc: 21.38 ug/ml

Instrument :
FID_C
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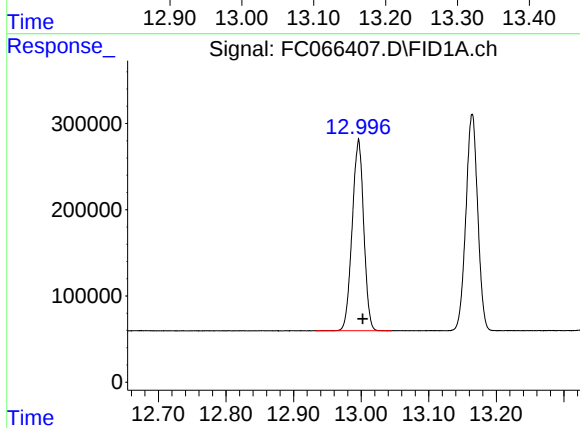
#10 n-Eicosane (C20)

R.T.: 12.553 min
Delta R.T.: -0.006 min
Response: 3126428
Conc: 21.73 ug/ml



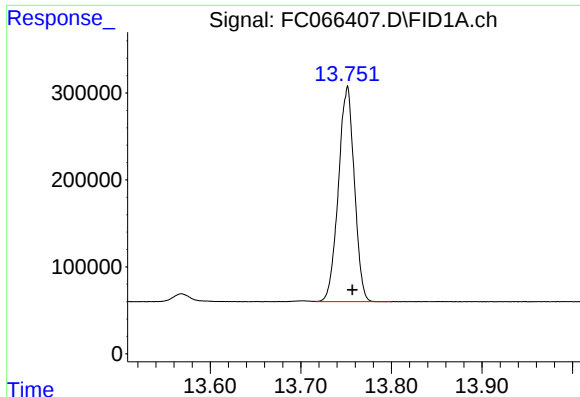
#11 n-Heneicosane (C21)

R.T.: 13.164 min
Delta R.T.: -0.006 min
Response: 3054182
Conc: 21.73 ug/ml



#12 1-chlorooctadecane (SURR)

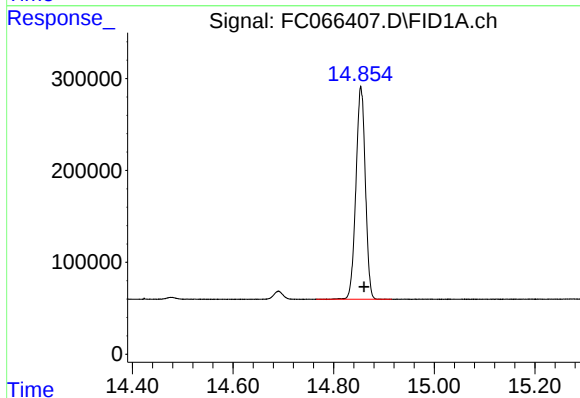
R.T.: 12.996 min
Delta R.T.: -0.006 min
Response: 2631916
Conc: 21.46 ug/ml



#13 n-Docosane (C22)

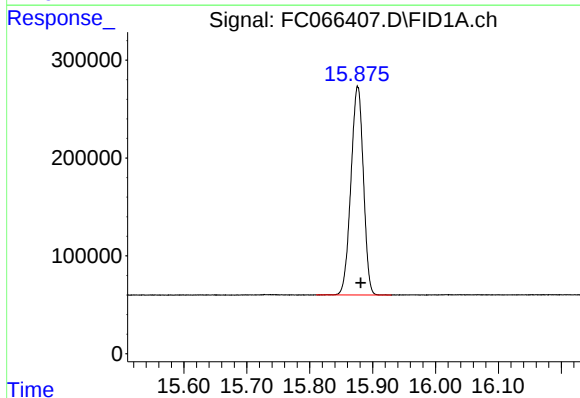
R.T.: 13.751 min
Delta R.T.: -0.006 min
Response: 3031762
Conc: 21.65 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



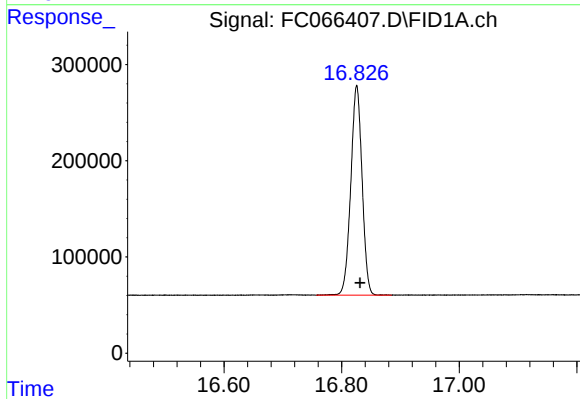
#14 n-Tetracosane (C24)

R.T.: 14.854 min
Delta R.T.: -0.006 min
Response: 3005788
Conc: 21.35 ug/ml



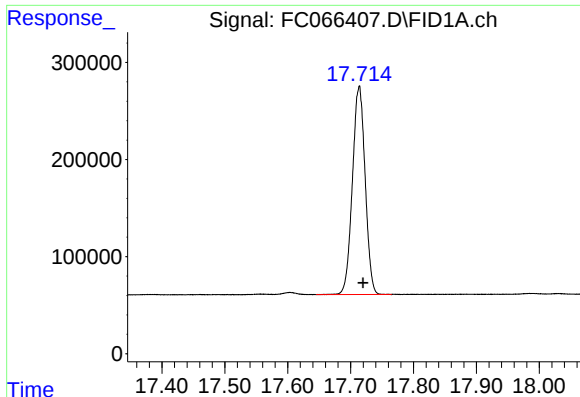
#15 n-Hexacosane (C26)

R.T.: 15.876 min
Delta R.T.: -0.005 min
Response: 2929544
Conc: 21.42 ug/ml



#16 n-Octacosane (C28)

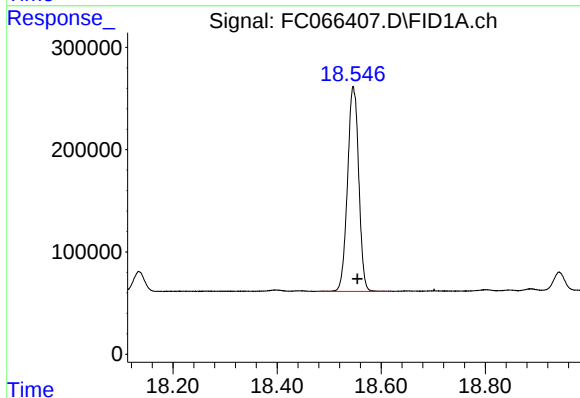
R.T.: 16.826 min
Delta R.T.: -0.006 min
Response: 2900910
Conc: 21.66 ug/ml



#17 n-Tricontane (C30)

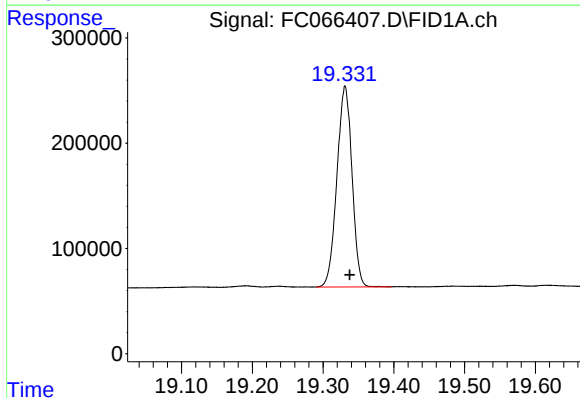
R.T.: 17.714 min
Delta R.T.: -0.006 min
Response: 3017761
Conc: 22.39 ug/ml

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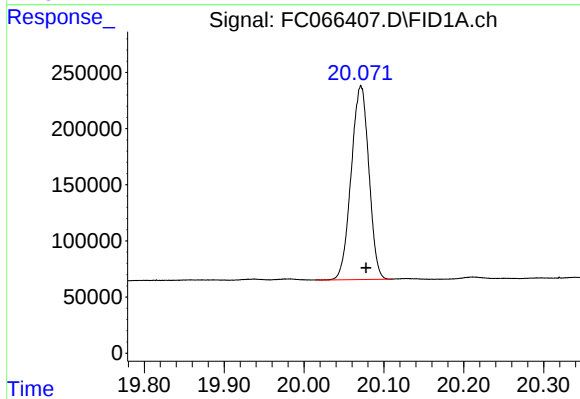
#18 n-Dotriacontane (C32)

R.T.: 18.547 min
Delta R.T.: -0.008 min
Response: 2988175
Conc: 23.21 ug/ml



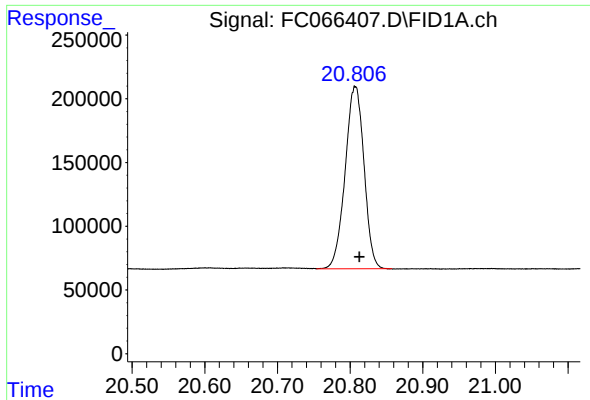
#19 n-Tetratriacontane (C34)

R.T.: 19.331 min
Delta R.T.: -0.007 min
Response: 2827049
Conc: 23.89 ug/ml



#20 n-Hexatriacontane (C36)

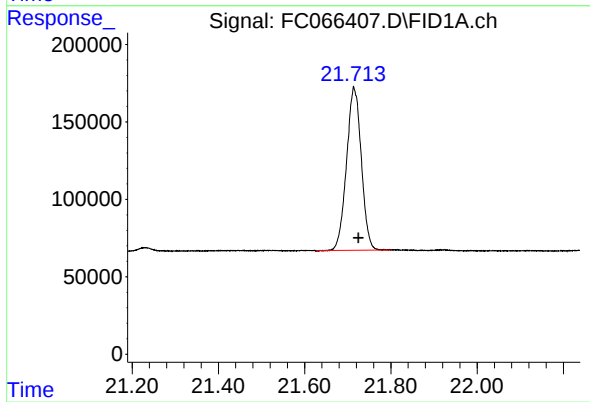
R.T.: 20.071 min
Delta R.T.: -0.007 min
Response: 2652673
Conc: 23.08 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.806 min
Delta R.T.: -0.007 min
Response: 2576807
Conc: 23.94 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 21.715 min
Delta R.T.: -0.011 min
Response: 2501527
Conc: 23.33 ug/ml