

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC101922AL\
 Data File : FC061847.D
 Signal(s) : FID1A.ch
 Acq On : 19 Oct 2022 09:45
 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 19 16:08:34 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 101722.M
 Quant Title : GC Extractables
 QLast Update : Mon Oct 17 23:26:31 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)	11.583	3298984	22.194 ug/ml
Spiked Amount 50.000		Recovery =	44.39%
12) S 1-chlorooctadecane (S...	13.021	2597158	22.293 ug/ml
Spiked Amount 50.000		Recovery =	44.59%
Target Compounds			
1) T n-Nonane (C9)	3.342	3079714	21.895 ug/ml
2) T n-Decane (C10)	4.409	3118526	21.847 ug/ml
3) T A~Naphthalene (C11.7)	5.994	3378280	21.887 ug/ml
4) T n-Dodecane (C12)	6.425	3154744	21.731 ug/ml
5) T A~2-methylnaphthalene...	7.049	3312573	21.837 ug/ml
6) T n-Tetradecane (C14)	8.222	3156026	21.711 ug/ml
7) T n-Hexadecane (C16)	9.824	3172241	21.784 ug/ml
8) T n-Octadecane (C18)	11.266	3172354	21.948 ug/ml
10) T n-Eicosane (C20)	12.577	3121269	22.115 ug/ml
11) T n-Heneicosane (C21)	13.188	3087507	22.251 ug/ml
13) T n-Docosane (C22)	13.774	3045628	22.216 ug/ml
14) T n-Tetracosane (C24)	14.877	2925502	22.141 ug/ml
15) T n-Hexacosane (C26)	15.898	2804411	22.256 ug/ml
16) T n-Octacosane (C28)	16.848	2660049	22.056 ug/ml
17) T n-Tricontane (C30)	17.735	2648685	22.261 ug/ml
18) T n-Dotriacontane (C32)	18.567	2599505	22.063 ug/ml
19) T n-Tetratriacontane (C34)	19.350	2480649	21.958 ug/ml
20) T n-Hexatriacontane (C36)	20.090	2477215	21.843 ug/ml
21) T n-Octatriacontane (C38)	20.827	2447356	21.751 ug/ml
22) T n-Tetracontane (C40)	21.744	2387203	21.263 ug/ml

(f)=RT Delta > 1/2 Window

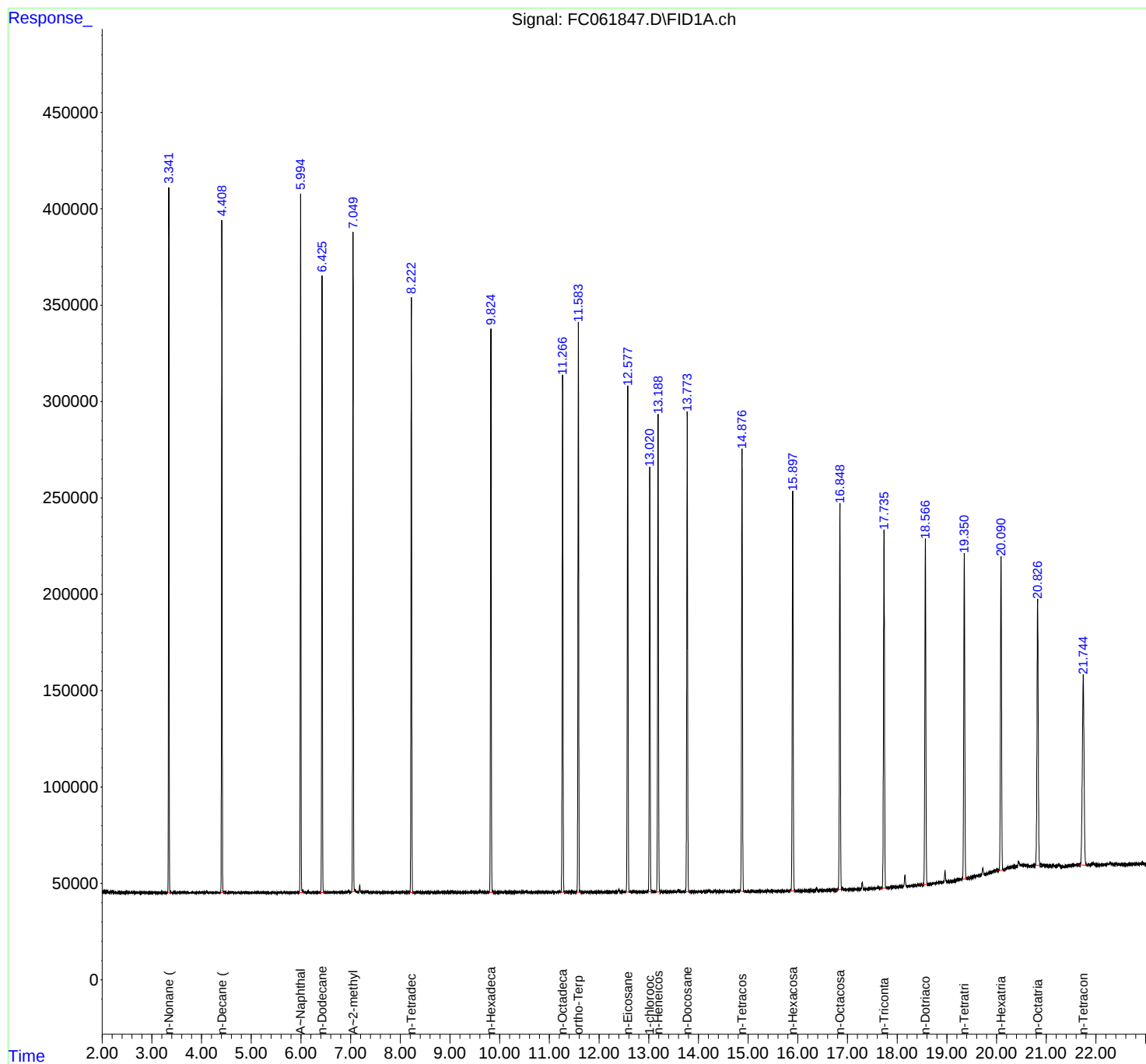
(m)=manual int.

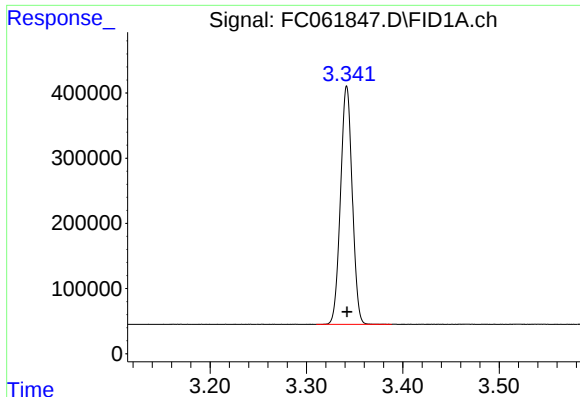
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC101922AL\
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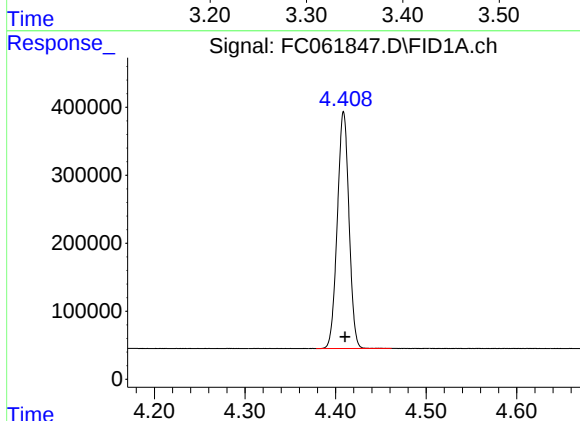




#1 n-Nonane (C9)

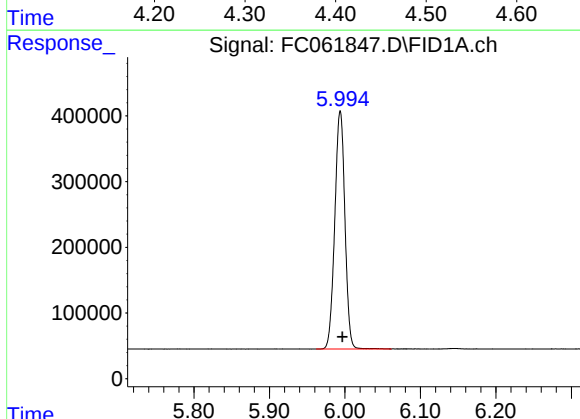
R.T.: 3.342 min
Delta R.T.: 0.000 min
Response: 3079714
Conc: 21.89 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



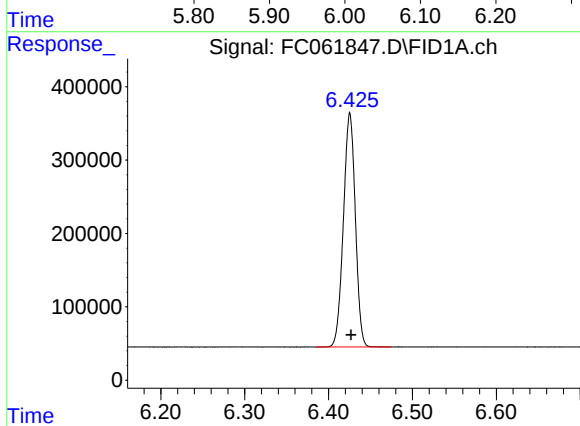
#2 n-Decane (C10)

R.T.: 4.409 min
Delta R.T.: -0.001 min
Response: 3118526
Conc: 21.85 ug/ml



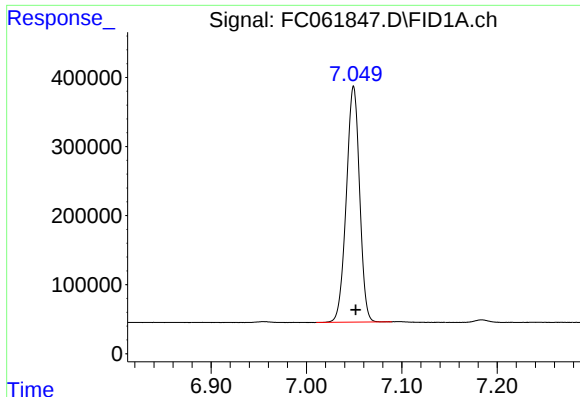
#3 A~Naphthalene (C11.7)

R.T.: 5.994 min
Delta R.T.: -0.003 min
Response: 3378280
Conc: 21.89 ug/ml



#4 n-Dodecane (C12)

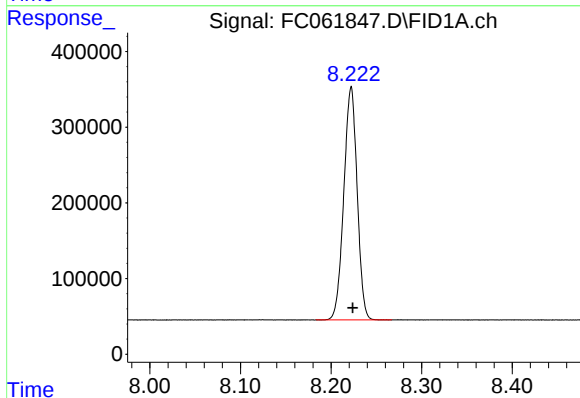
R.T.: 6.425 min
Delta R.T.: -0.001 min
Response: 3154744
Conc: 21.73 ug/ml



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

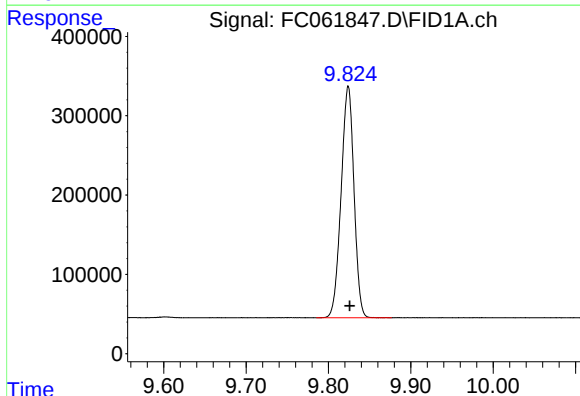
R.T.: 7.049 min
Delta R.T.: -0.002 min
Response: 3312573
Conc: 21.84 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



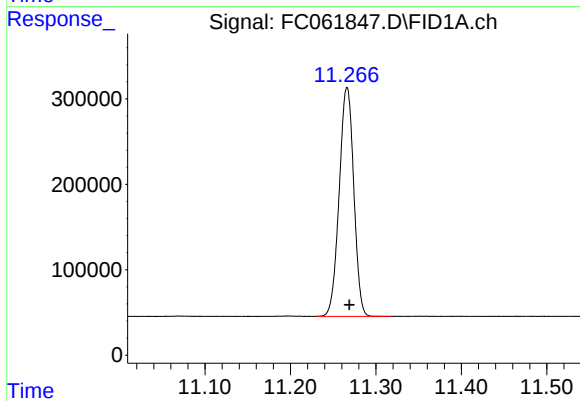
#6 n-Tetradecane (C14)

R.T.: 8.222 min
Delta R.T.: -0.002 min
Response: 3156026
Conc: 21.71 ug/ml



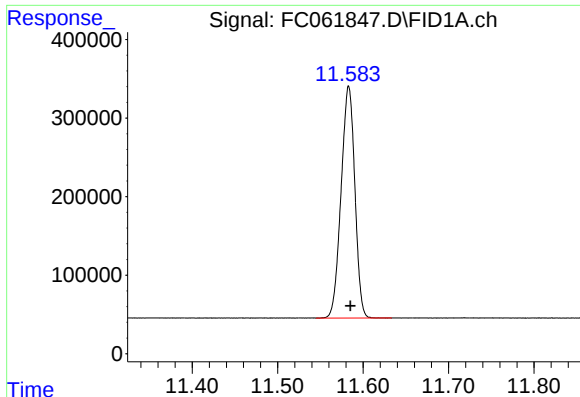
#7 n-Hexadecane (C16)

R.T.: 9.824 min
Delta R.T.: -0.002 min
Response: 3172241
Conc: 21.78 ug/ml



#8 n-Octadecane (C18)

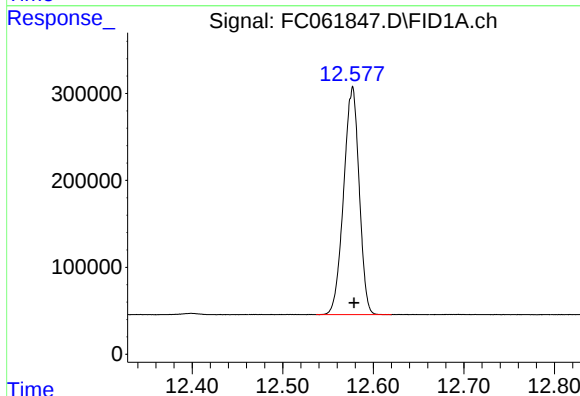
R.T.: 11.266 min
Delta R.T.: -0.003 min
Response: 3172354
Conc: 21.95 ug/ml



#9 ortho-Terphenyl (SURR)

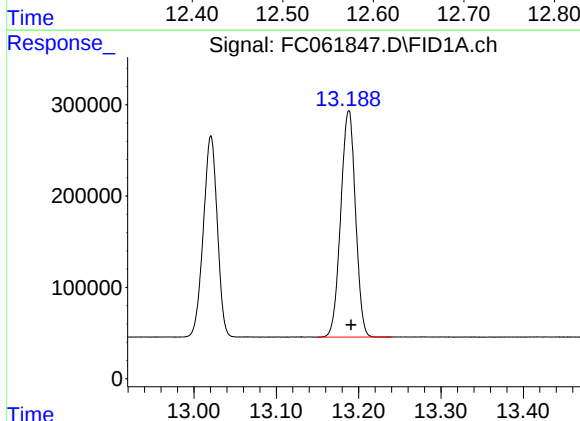
R.T.: 11.583 min
Delta R.T.: -0.002 min
Response: 3298984
Conc: 22.19 ug/ml

Instrument :
FID_C
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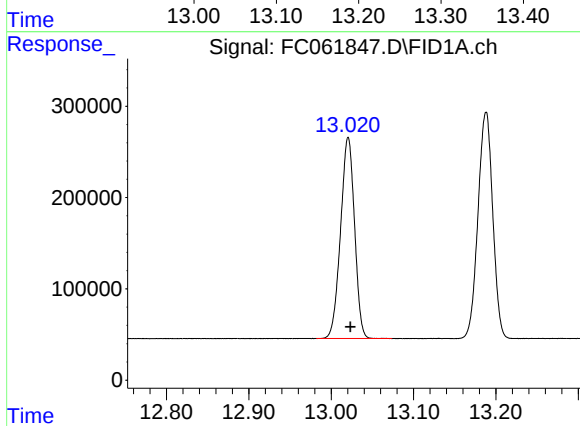
#10 n-Eicosane (C20)

R.T.: 12.577 min
Delta R.T.: -0.002 min
Response: 3121269
Conc: 22.12 ug/ml



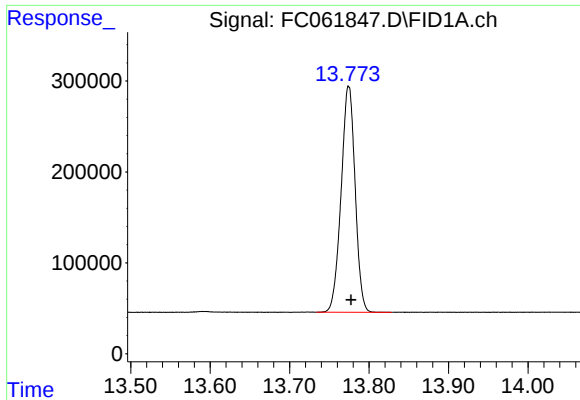
#11 n-Heneicosane (C21)

R.T.: 13.188 min
Delta R.T.: -0.003 min
Response: 3087507
Conc: 22.25 ug/ml



#12 1-chlorooctadecane (SURR)

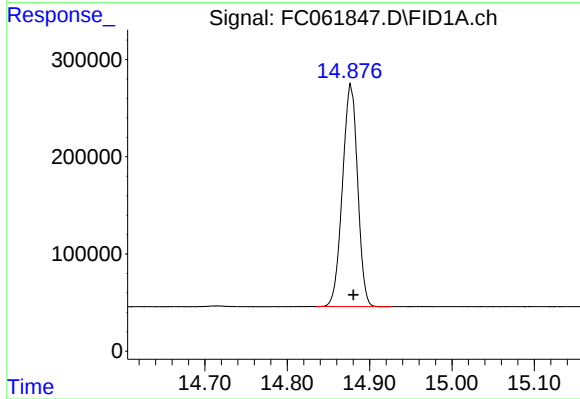
R.T.: 13.021 min
Delta R.T.: -0.003 min
Response: 2597158
Conc: 22.29 ug/ml



#13 n-Docosane (C22)

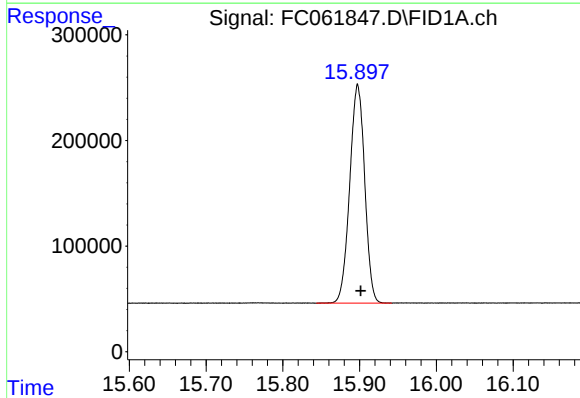
R.T.: 13.774 min
Delta R.T.: -0.003 min
Response: 3045628
Conc: 22.22 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



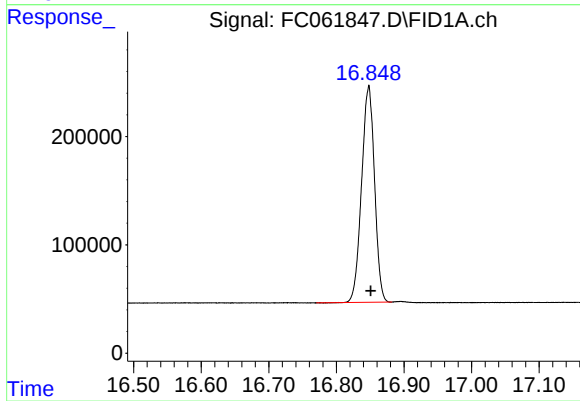
#14 n-Tetracosane (C24)

R.T.: 14.877 min
Delta R.T.: -0.003 min
Response: 2925502
Conc: 22.14 ug/ml



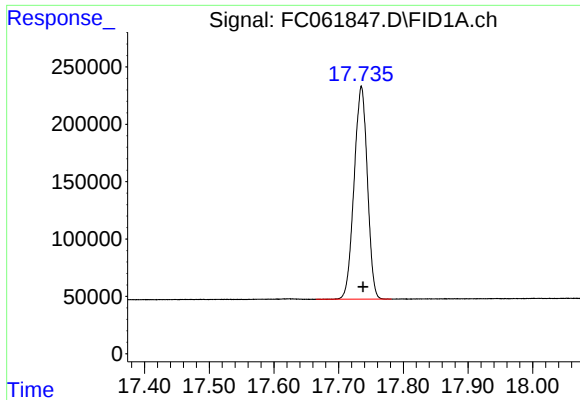
#15 n-Hexacosane (C26)

R.T.: 15.898 min
Delta R.T.: -0.004 min
Response: 2804411
Conc: 22.26 ug/ml



#16 n-Octacosane (C28)

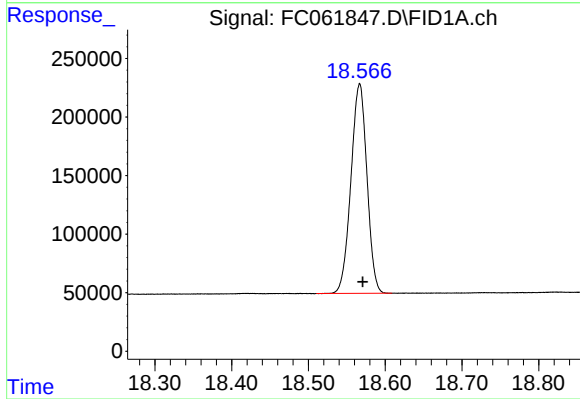
R.T.: 16.848 min
Delta R.T.: -0.003 min
Response: 2660049
Conc: 22.06 ug/ml



#17 n-Tricontane (C30)

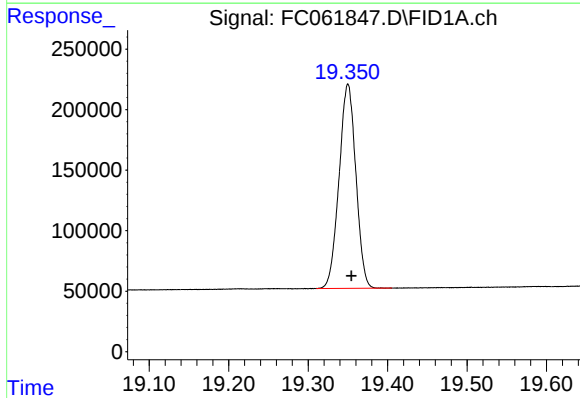
R.T.: 17.735 min
Delta R.T.: -0.003 min
Response: 2648685
Conc: 22.26 ug/ml

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FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



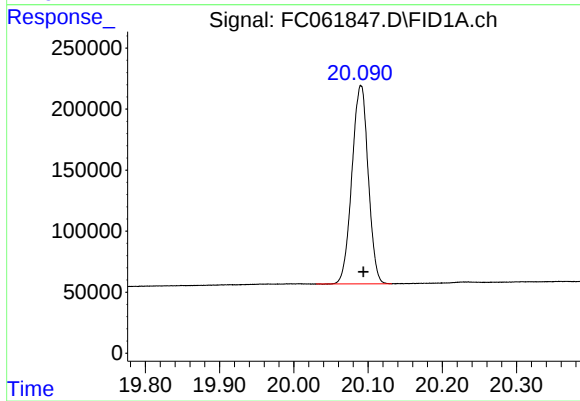
#18 n-Dotriacontane (C32)

R.T.: 18.567 min
Delta R.T.: -0.004 min
Response: 2599505
Conc: 22.06 ug/ml



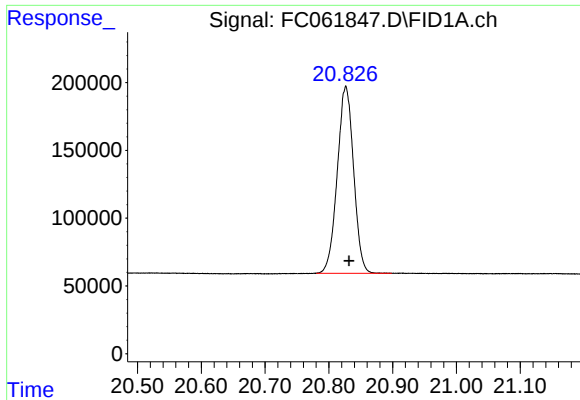
#19 n-Tetratriacontane (C34)

R.T.: 19.350 min
Delta R.T.: -0.004 min
Response: 2480649
Conc: 21.96 ug/ml



#20 n-Hexatriacontane (C36)

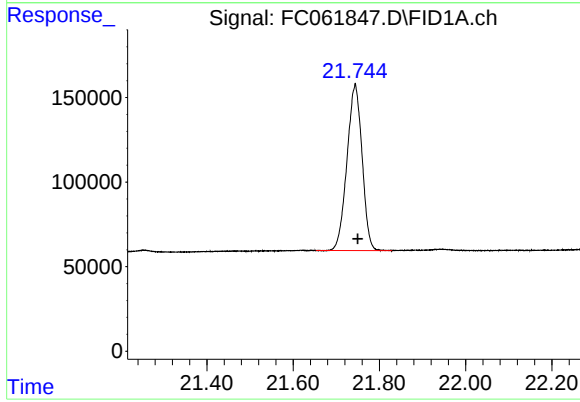
R.T.: 20.090 min
Delta R.T.: -0.004 min
Response: 2477215
Conc: 21.84 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.827 min
Delta R.T.: -0.005 min
Response: 2447356
Conc: 21.75 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.744 min
Delta R.T.: -0.006 min
Response: 2387203
Conc: 21.26 ug/ml