

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC051724AL\
 Data File : FC066420.D
 Signal(s) : FID1A.ch
 Acq On : 17 May 2024 20:14
 Operator : YP/AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 100 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: May 18 02:19:17 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)	11.556	3425389	20.718 ug/ml
Spiked Amount 50.000		Recovery =	41.44%
12) S 1-chlorooctadecane (S...	12.995	2535064	20.667 ug/ml
Spiked Amount 50.000		Recovery =	41.33%
Target Compounds			
1) T n-Nonane (C9)	3.313	3235372	21.422 ug/ml
2) T n-Decane (C10)	4.380	3289313	21.389 ug/ml
3) T A~Naphthalene (C11.7)	5.963	3616185	21.285 ug/ml
4) T n-Dodecane (C12)	6.401	3267086	21.259 ug/ml
5) T A~2-methylnaphthalene...	7.019	3471585	21.064 ug/ml
6) T n-Tetradecane (C14)	8.198	3174263	20.975 ug/ml
7) T n-Hexadecane (C16)	9.799	3208611	20.984 ug/ml
8) T n-Octadecane (C18)	11.242	3181649	20.961 ug/ml
10) T n-Eicosane (C20)	12.552	3008338	20.912 ug/ml
11) T n-Heneicosane (C21)	13.164	2937249	20.896 ug/ml
13) T n-Docosane (C22)	13.750	2902617	20.732 ug/ml
14) T n-Tetracosane (C24)	14.853	2857574	20.298 ug/ml
15) T n-Hexacosane (C26)	15.874	2777390	20.305 ug/ml
16) T n-Octacosane (C28)	16.822	2698405	20.149 ug/ml
17) T n-Tricontane (C30)	17.711	2720854	20.190 ug/ml
18) T n-Dotriacontane (C32)	18.544	2649466	20.577 ug/ml
19) T n-Tetratriacontane (C34)	19.327	2543096	21.494 ug/ml
20) T n-Hexatriacontane (C36)	20.067	2440536	21.232 ug/ml
21) T n-Octatriacontane (C38)	20.801	2393003	22.233 ug/ml
22) T n-Tetracontane (C40)	21.710	2332511	21.752 ug/ml

(f)=RT Delta > 1/2 Window

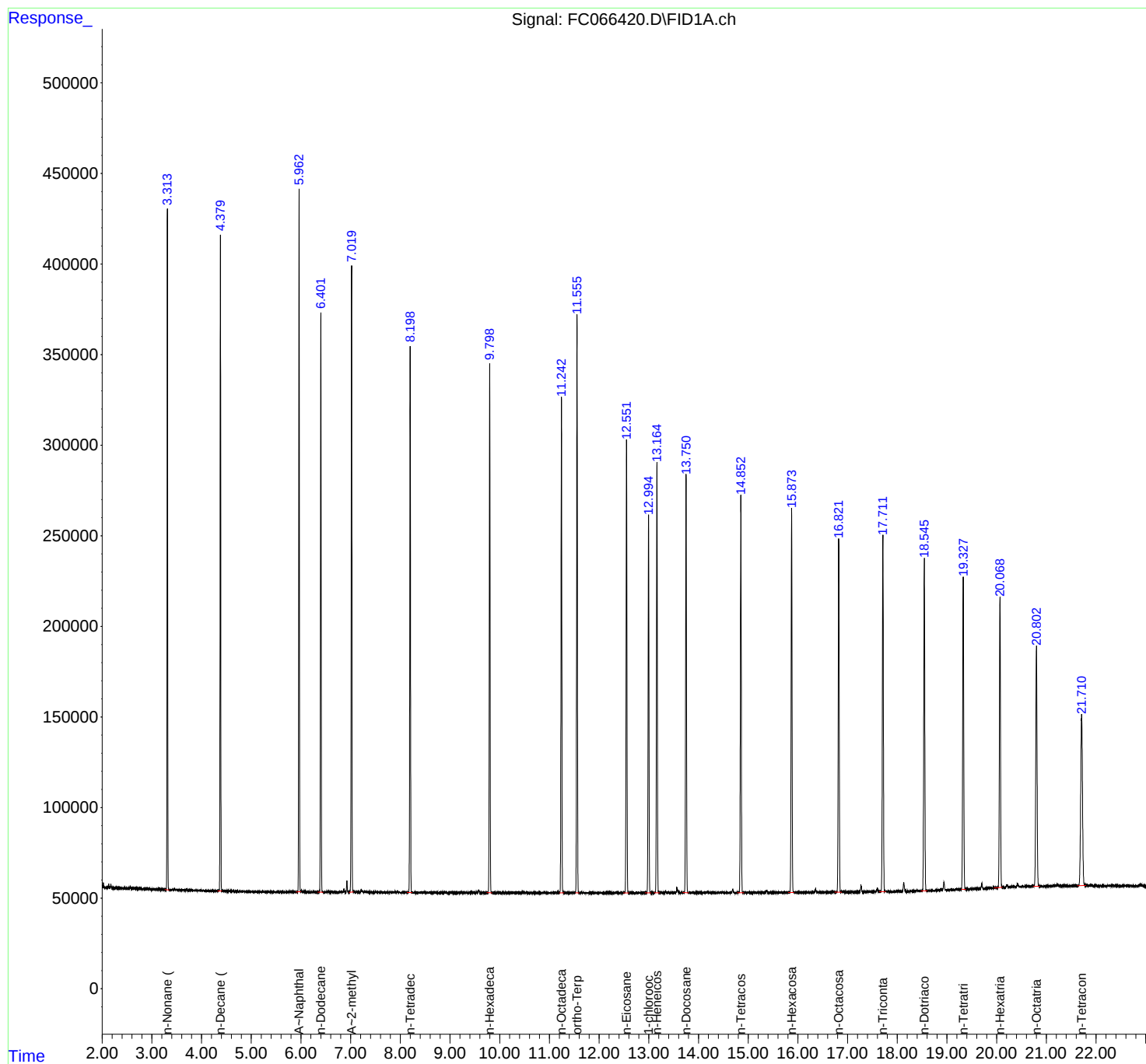
(m)=manual int.

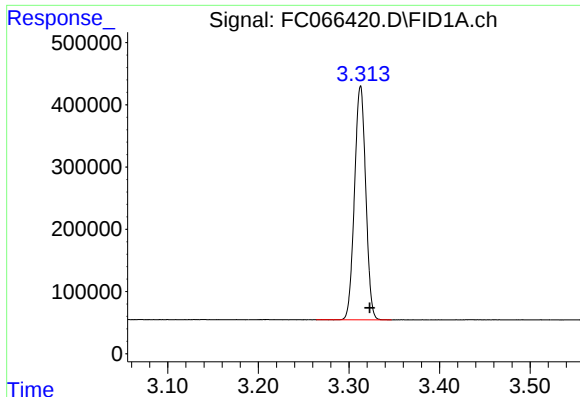
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC051724AL\
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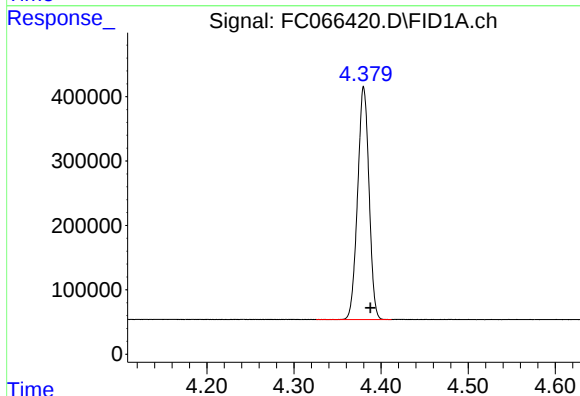




#1 n-Nonane (C9)

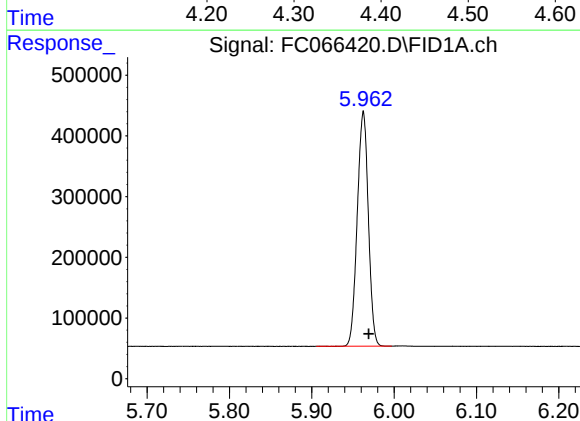
R.T.: 3.313 min
Delta R.T.: -0.010 min
Response: 3235372
Conc: 21.42 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



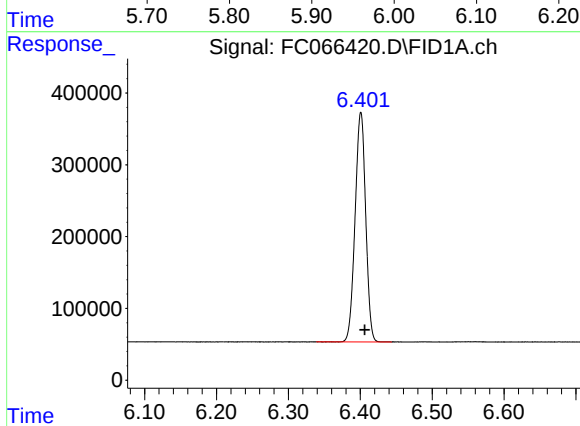
#2 n-Decane (C10)

R.T.: 4.380 min
Delta R.T.: -0.008 min
Response: 3289313
Conc: 21.39 ug/ml



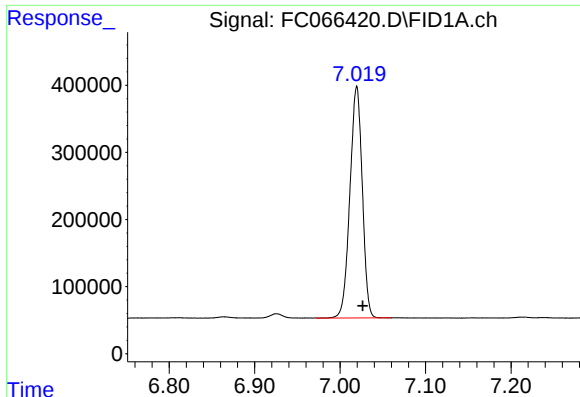
#3 A~Naphthalene (C11.7)

R.T.: 5.963 min
Delta R.T.: -0.007 min
Response: 3616185
Conc: 21.28 ug/ml



#4 n-Dodecane (C12)

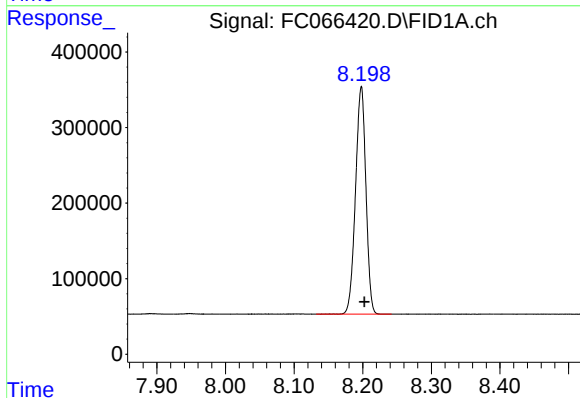
R.T.: 6.401 min
Delta R.T.: -0.006 min
Response: 3267086
Conc: 21.26 ug/ml



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

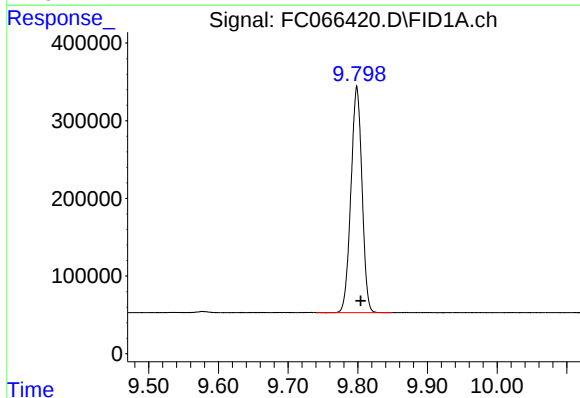
R.T.: 7.019 min
Delta R.T.: -0.007 min
Response: 3471585
Conc: 21.06 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



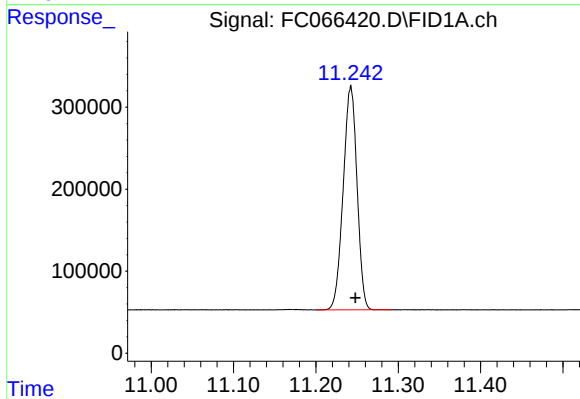
#6 n-Tetradecane (C14)

R.T.: 8.198 min
Delta R.T.: -0.005 min
Response: 3174263
Conc: 20.97 ug/ml



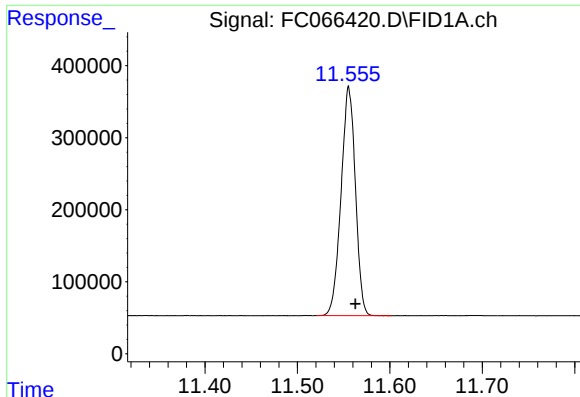
#7 n-Hexadecane (C16)

R.T.: 9.799 min
Delta R.T.: -0.006 min
Response: 3208611
Conc: 20.98 ug/ml



#8 n-Octadecane (C18)

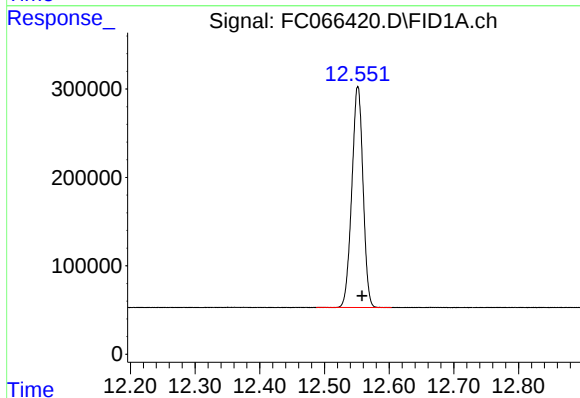
R.T.: 11.242 min
Delta R.T.: -0.006 min
Response: 3181649
Conc: 20.96 ug/ml



#9 ortho-Terphenyl (SURR)

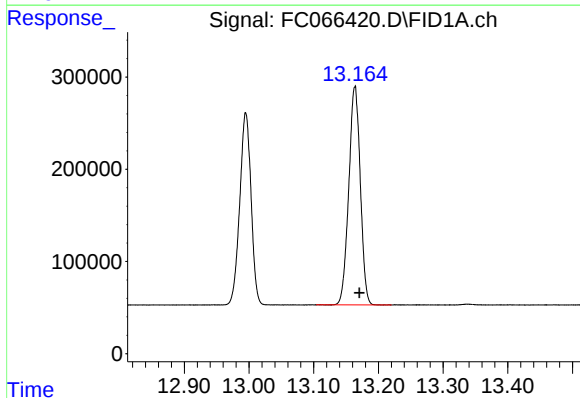
R.T.: 11.556 min
Delta R.T.: -0.007 min
Response: 3425389
Conc: 20.72 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



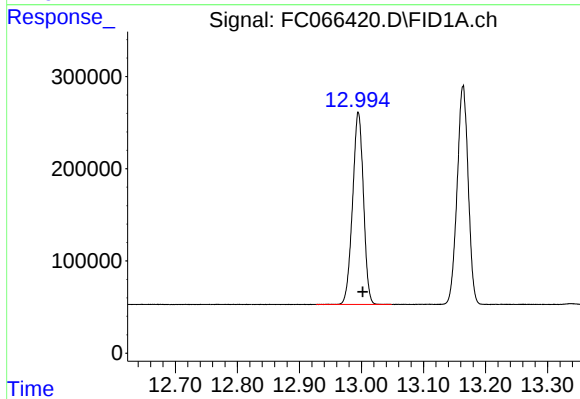
#10 n-Eicosane (C20)

R.T.: 12.552 min
Delta R.T.: -0.007 min
Response: 3008338
Conc: 20.91 ug/ml



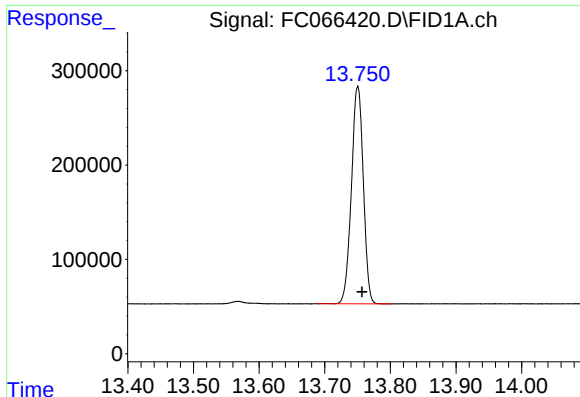
#11 n-Heneicosane (C21)

R.T.: 13.164 min
Delta R.T.: -0.007 min
Response: 2937249
Conc: 20.90 ug/ml



#12 1-chlorooctadecane (SURR)

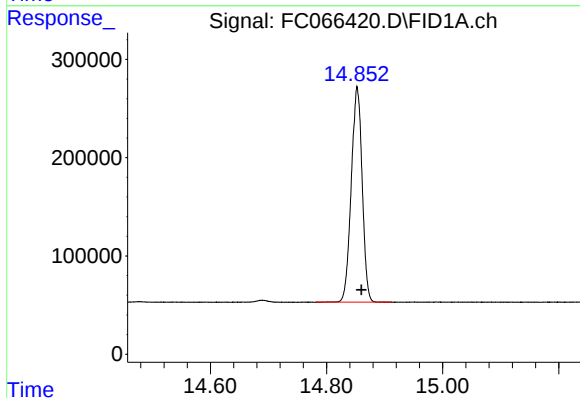
R.T.: 12.995 min
Delta R.T.: -0.007 min
Response: 2535064
Conc: 20.67 ug/ml



#13 n-Docosane (C22)

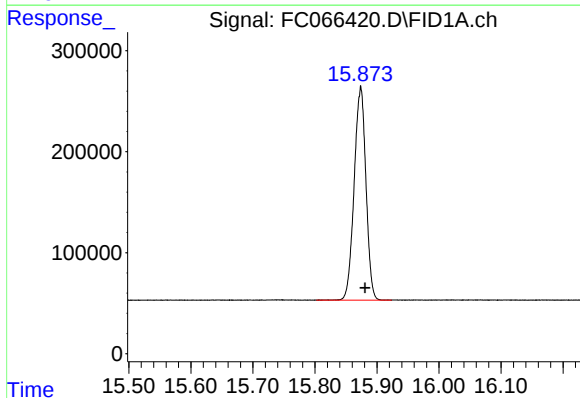
R.T.: 13.750 min
Delta R.T.: -0.007 min
Response: 2902617
Conc: 20.73 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



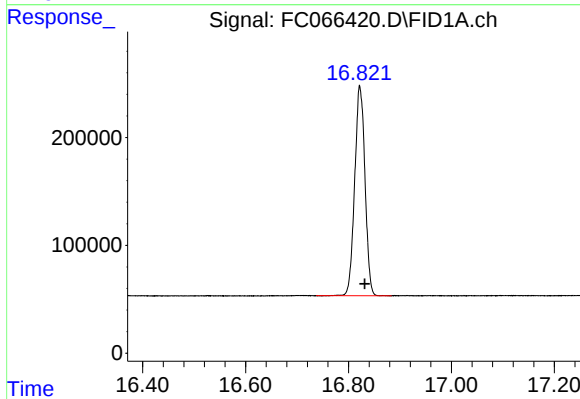
#14 n-Tetracosane (C24)

R.T.: 14.853 min
Delta R.T.: -0.007 min
Response: 2857574
Conc: 20.30 ug/ml



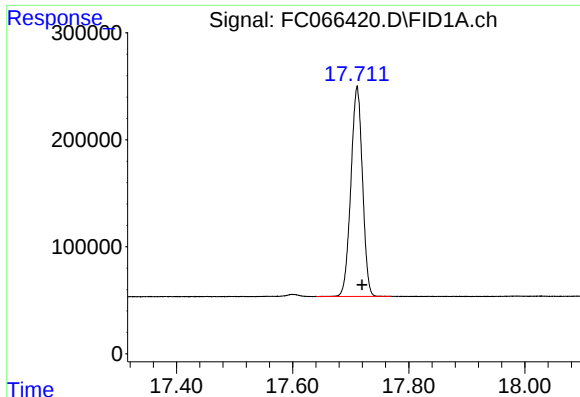
#15 n-Hexacosane (C26)

R.T.: 15.874 min
Delta R.T.: -0.008 min
Response: 2777390
Conc: 20.30 ug/ml



#16 n-Octacosane (C28)

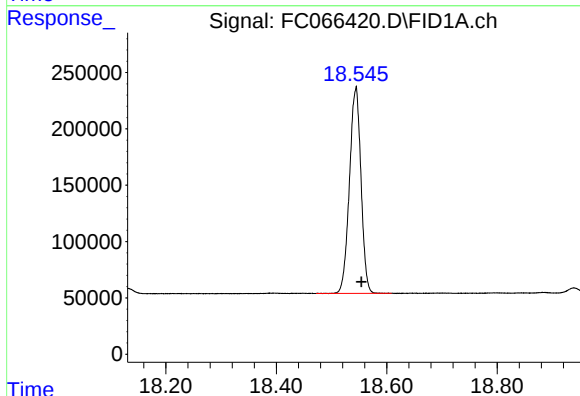
R.T.: 16.822 min
Delta R.T.: -0.009 min
Response: 2698405
Conc: 20.15 ug/ml



#17 n-Tricontane (C30)

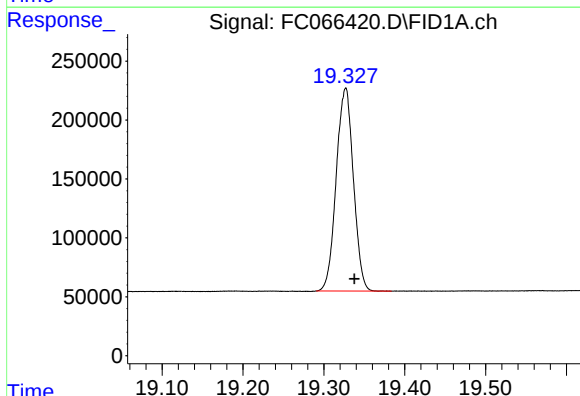
R.T.: 17.711 min
Delta R.T.: -0.009 min
Response: 2720854
Conc: 20.19 ug/ml

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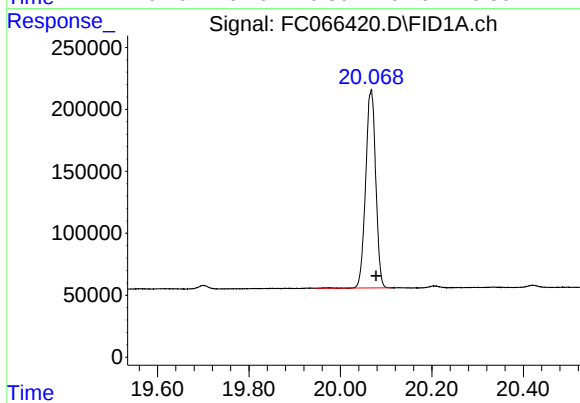
#18 n-Dotriacontane (C32)

R.T.: 18.544 min
Delta R.T.: -0.010 min
Response: 2649466
Conc: 20.58 ug/ml



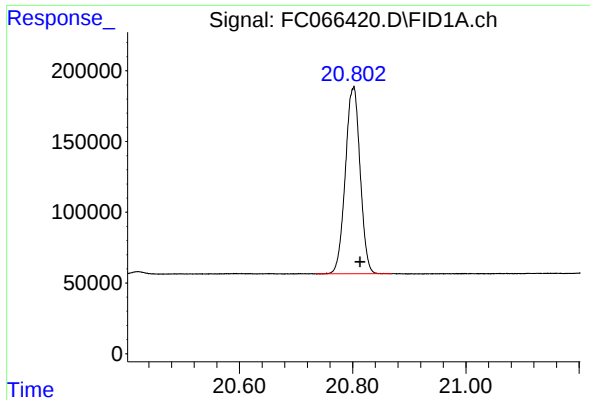
#19 n-Tetratriacontane (C34)

R.T.: 19.327 min
Delta R.T.: -0.011 min
Response: 2543096
Conc: 21.49 ug/ml



#20 n-Hexatriacontane (C36)

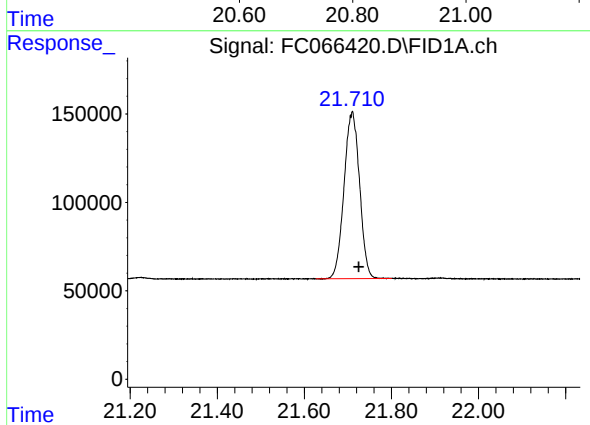
R.T.: 20.067 min
Delta R.T.: -0.011 min
Response: 2440536
Conc: 21.23 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.801 min
Delta R.T.: -0.012 min
Response: 2393003
Conc: 22.23 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 21.710 min
Delta R.T.: -0.015 min
Response: 2332511
Conc: 21.75 ug/ml