

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF051224AL\
 Data File : FF014219.D
 Signal(s) : FID2B.ch
 Acq On : 12 May 2024 02:52
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 63 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: May 14 01:24:53 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aliphatic EPH 051124.M
 Quant Title : GC Extractables
 QLast Update : Sat May 11 04:41:44 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)	11.839	3152396	22.375 ug/ml
Spiked Amount 50.000		Recovery =	44.75%
12) S 1-chlorooctadecane (S...	13.281	2304477	22.722 ug/ml
Spiked Amount 50.000		Recovery =	45.44%
Target Compounds			
1) T n-Nonane (C9)	3.239	2770657	21.272 ug/ml
2) T n-Decane (C10)	4.488	2823534	21.307 ug/ml
3) T A~Naphthalene (C11.7)	6.182	2828582	21.251 ug/ml
4) T n-Dodecane (C12)	6.651	2835759	21.342 ug/ml
5) T A~2-methylnaphthalene...	7.277	2621107	21.513 ug/ml
6) T n-Tetradecane (C14)	8.478	2766367	21.415 ug/ml
7) T n-Hexadecane (C16)	10.085	2869240	21.919 ug/ml
8) T n-Octadecane (C18)	11.528	2958980	22.257 ug/ml
10) T n-Eicosane (C20)	12.838	2884992	22.593 ug/ml
11) T n-Heneicosane (C21)	13.449	2845719	22.769 ug/ml
13) T n-Docosane (C22)	14.037	2822843	22.927 ug/ml
14) T n-Tetracosane (C24)	15.140	2777378	23.001 ug/ml
15) T n-Hexacosane (C26)	16.161	2678364	23.009 ug/ml
16) T n-Octacosane (C28)	17.111	2537318	22.584 ug/ml
17) T n-Tricontane (C30)	17.999	2455560	21.865 ug/ml
18) T n-Dotriacontane (C32)	18.833	2283547	20.967 ug/ml
19) T n-Tetratriacontane (C34)	19.615	2081830	19.983 ug/ml
20) T n-Hexatriacontane (C36)	20.356	1867843	18.842 ug/ml
21) T n-Octatriacontane (C38)	21.081	1705825	17.677 ug/ml
22) T n-Tetracontane (C40)	21.962	1503974	16.030 ug/ml

(f)=RT Delta > 1/2 Window

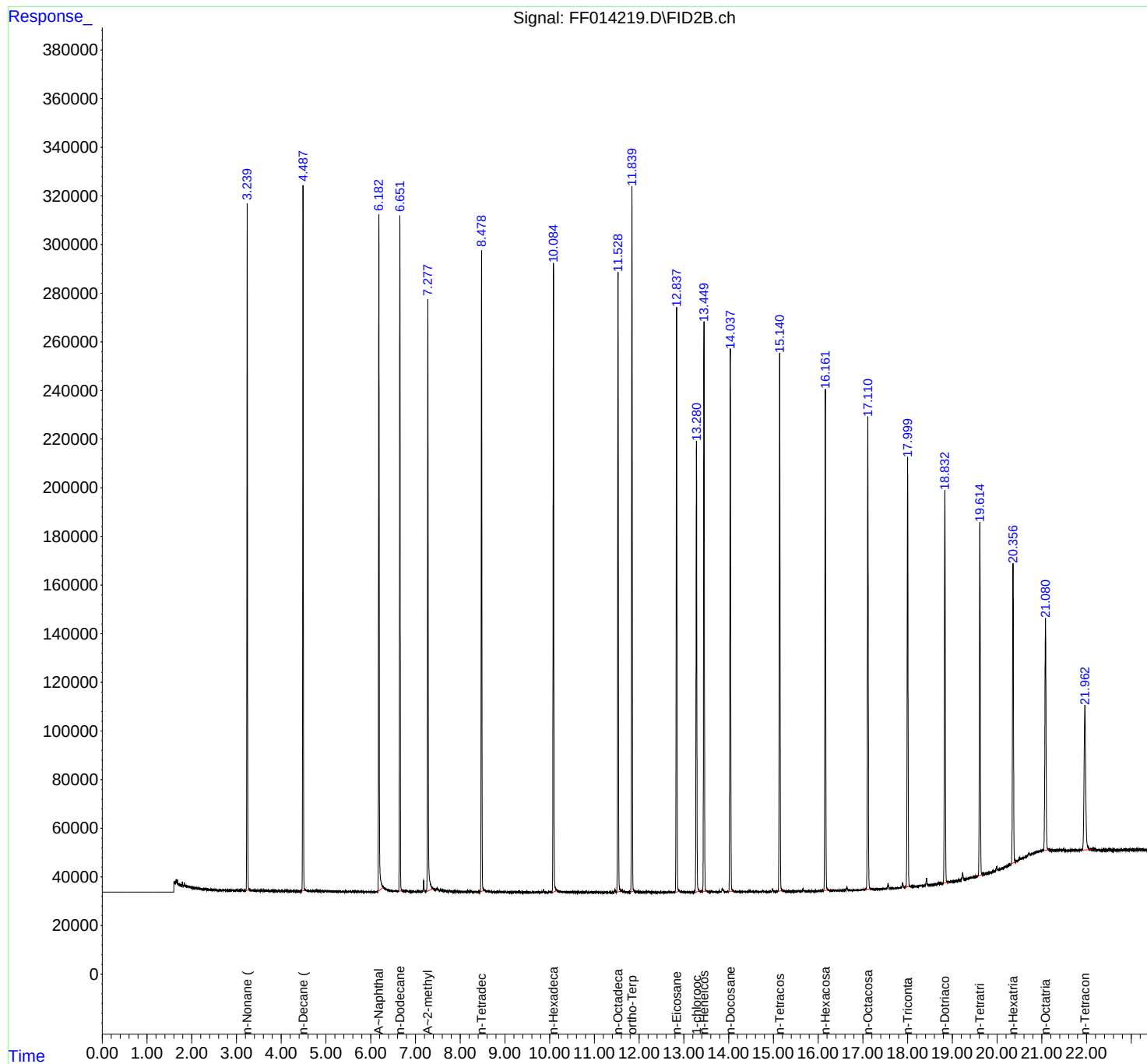
(m)=manual int.

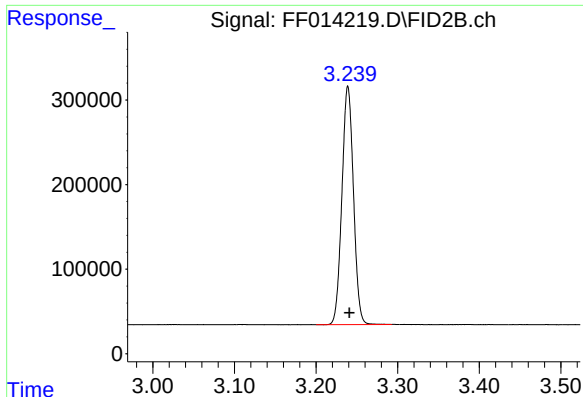
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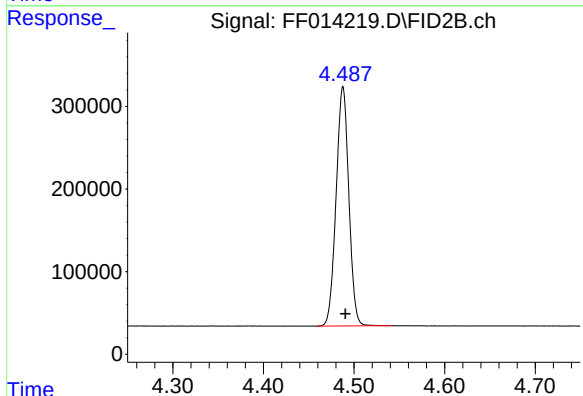




#1 n-Nonane (C9)

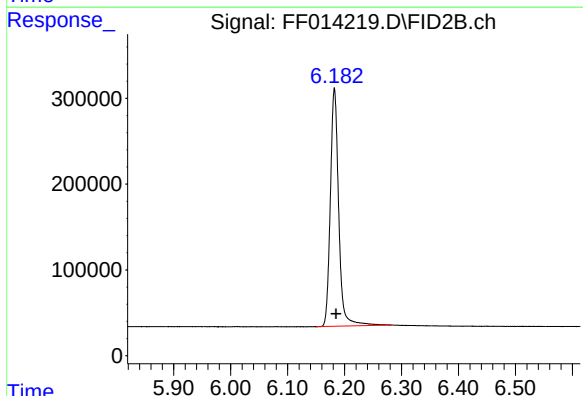
R.T.: 3.239 min
Delta R.T.: -0.002 min
Response: 2770657
Conc: 21.27 ug/ml

Instrument :
FID_F
ClientSampleId :
20 PPM ALIPHATIC HC STD



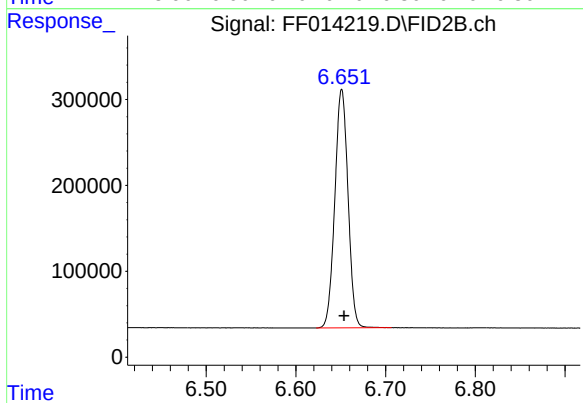
#2 n-Decane (C10)

R.T.: 4.488 min
Delta R.T.: -0.002 min
Response: 2823534
Conc: 21.31 ug/ml



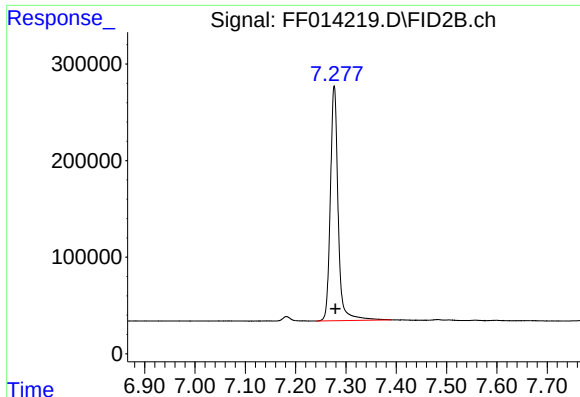
#3 A~Naphthalene (C11.7)

R.T.: 6.182 min
Delta R.T.: -0.003 min
Response: 2828582
Conc: 21.25 ug/ml



#4 n-Dodecane (C12)

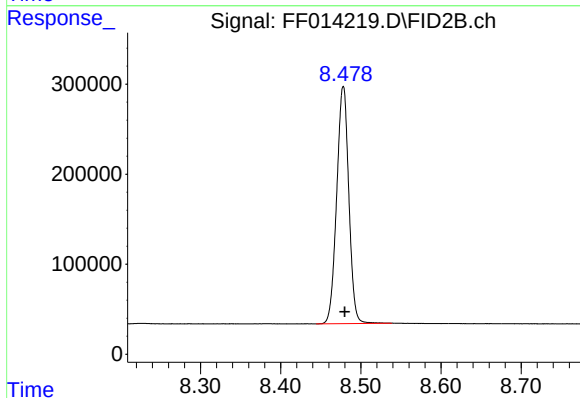
R.T.: 6.651 min
Delta R.T.: -0.003 min
Response: 2835759
Conc: 21.34 ug/ml



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

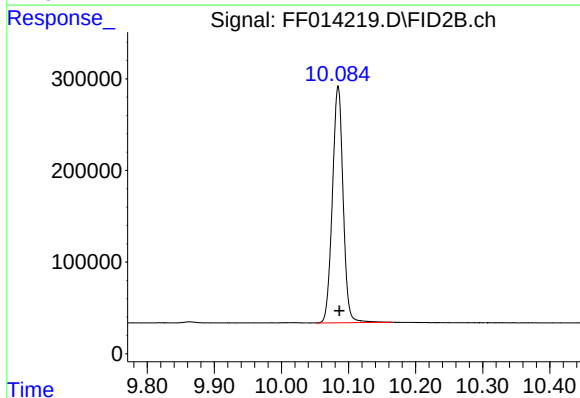
R.T.: 7.277 min
Delta R.T.: -0.003 min
Response: 2621107
Conc: 21.51 ug/ml

Instrument :
FID_F
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20 PPM ALIPHATIC HC STD



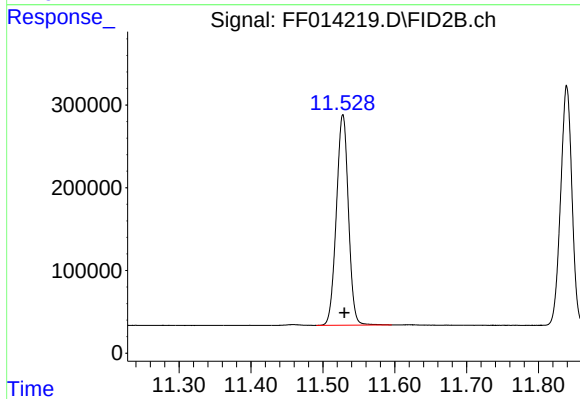
#6 n-Tetradecane (C14)

R.T.: 8.478 min
Delta R.T.: -0.002 min
Response: 2766367
Conc: 21.41 ug/ml



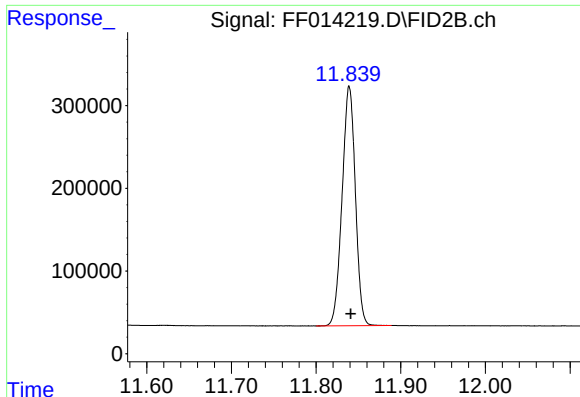
#7 n-Hexadecane (C16)

R.T.: 10.085 min
Delta R.T.: -0.002 min
Response: 2869240
Conc: 21.92 ug/ml



#8 n-Octadecane (C18)

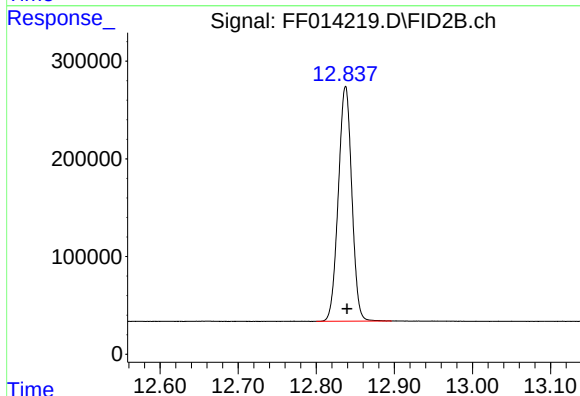
R.T.: 11.528 min
Delta R.T.: -0.002 min
Response: 2958980
Conc: 22.26 ug/ml



#9 ortho-Terphenyl (SURR)

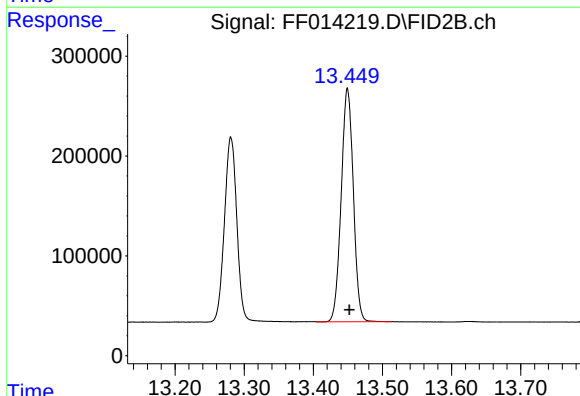
R.T.: 11.839 min
Delta R.T.: -0.002 min
Response: 3152396
Conc: 22.38 ug/ml

Instrument :
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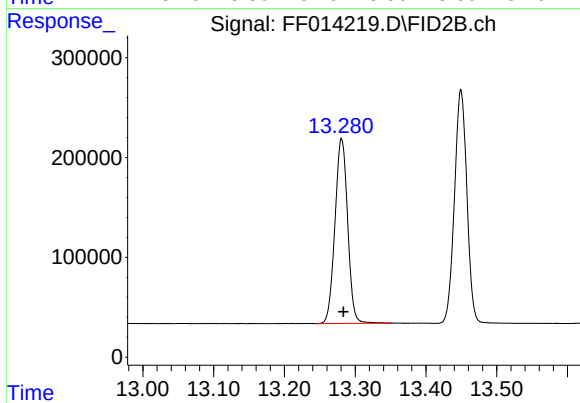
#10 n-Eicosane (C20)

R.T.: 12.838 min
Delta R.T.: -0.002 min
Response: 2884992
Conc: 22.59 ug/ml



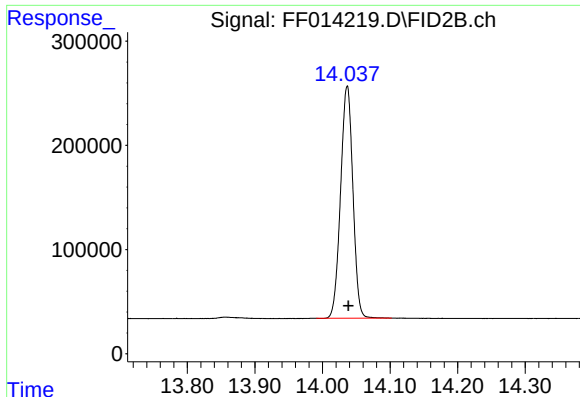
#11 n-Heneicosane (C21)

R.T.: 13.449 min
Delta R.T.: -0.003 min
Response: 2845719
Conc: 22.77 ug/ml



#12 1-chlorooctadecane (SURR)

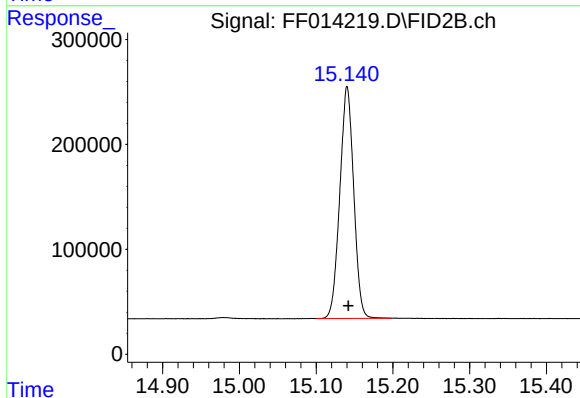
R.T.: 13.281 min
Delta R.T.: -0.003 min
Response: 2304477
Conc: 22.72 ug/ml



#13 n-Docosane (C22)

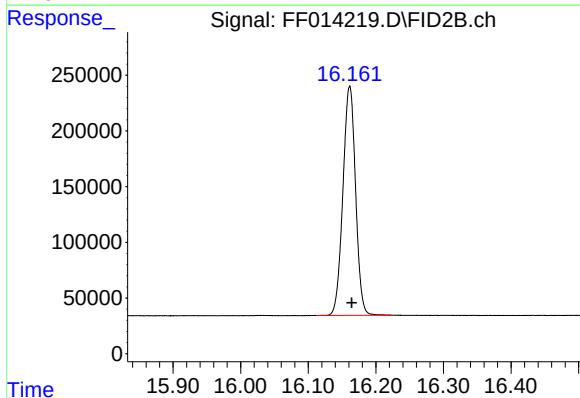
R.T.: 14.037 min
Delta R.T.: -0.002 min
Response: 2822843
Conc: 22.93 ug/ml

Instrument :
FID_F
ClientSampleId :
20 PPM ALIPHATIC HC STD



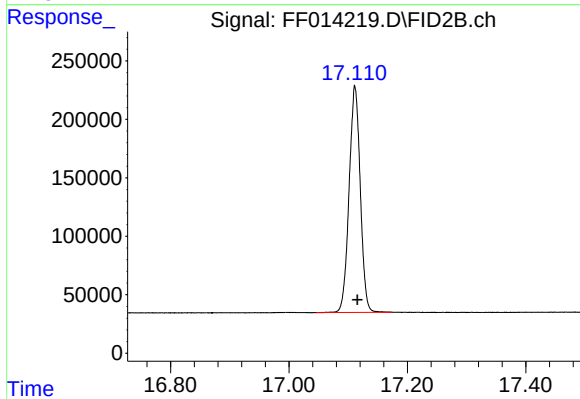
#14 n-Tetracosane (C24)

R.T.: 15.140 min
Delta R.T.: -0.002 min
Response: 2777378
Conc: 23.00 ug/ml



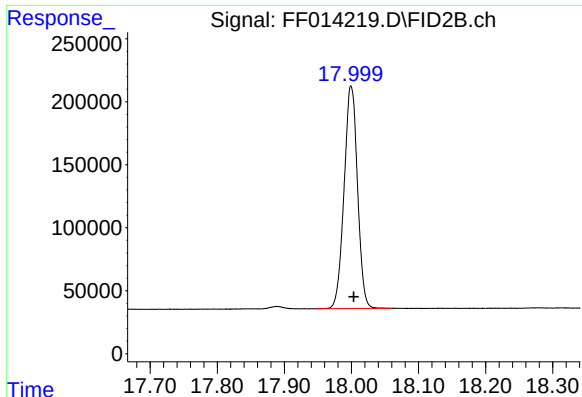
#15 n-Hexacosane (C26)

R.T.: 16.161 min
Delta R.T.: -0.003 min
Response: 2678364
Conc: 23.01 ug/ml



#16 n-Octacosane (C28)

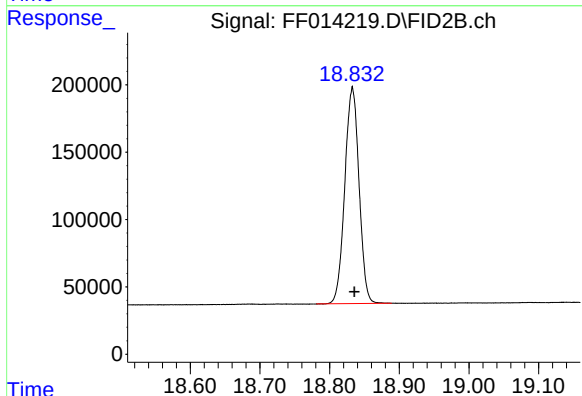
R.T.: 17.111 min
Delta R.T.: -0.004 min
Response: 2537318
Conc: 22.58 ug/ml



#17 n-Tricontane (C30)

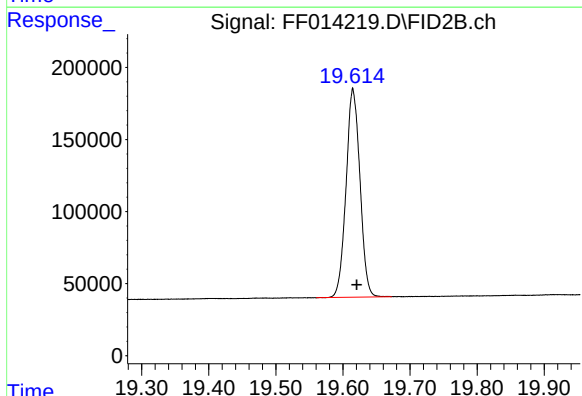
R.T.: 17.999 min
Delta R.T.: -0.004 min
Response: 2455560
Conc: 21.86 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



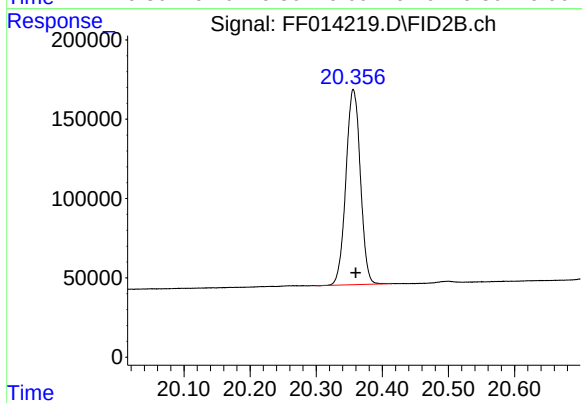
#18 n-Dotriacontane (C32)

R.T.: 18.833 min
Delta R.T.: -0.003 min
Response: 2283547
Conc: 20.97 ug/ml



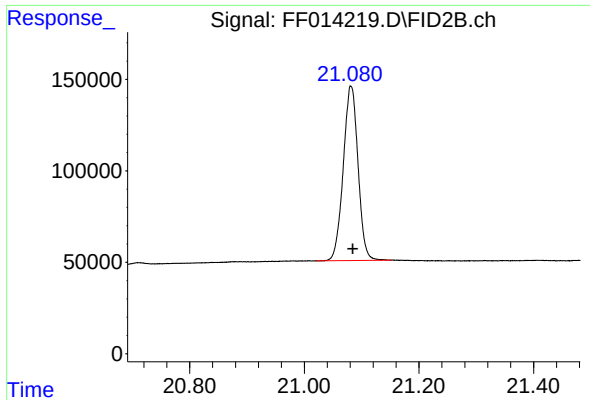
#19 n-Tetratriacontane (C34)

R.T.: 19.615 min
Delta R.T.: -0.005 min
Response: 2081830
Conc: 19.98 ug/ml



#20 n-Hexatriacontane (C36)

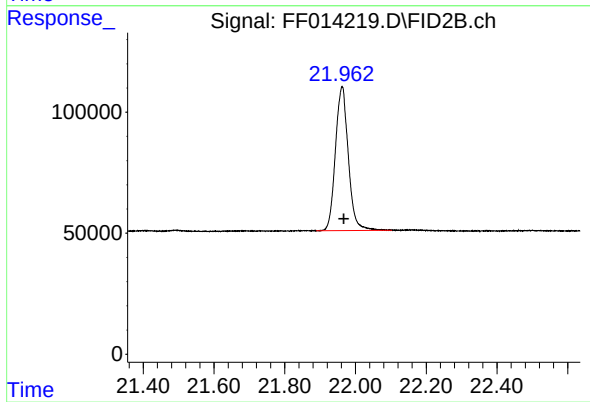
R.T.: 20.356 min
Delta R.T.: -0.003 min
Response: 1867843
Conc: 18.84 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.081 min
Delta R.T.: -0.003 min
Response: 1705825
Conc: 17.68 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.962 min
Delta R.T.: -0.004 min
Response: 1503974
Conc: 16.03 ug/ml