

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE101023AL\
 Data File : FE044775.D
 Signal(s) : FID1B.ch
 Acq On : 11 Oct 2023 11:48
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: Oct 11 12:59:27 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 092523.M
 Quant Title : GC Extractables
 QLast Update : Mon Sep 25 11:06:21 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)	11.913	3712603	19.775 ug/ml
Spiked Amount 50.000		Recovery =	39.55%
12) S 1-chlorooctadecane (S...	13.355	2714413	19.953 ug/ml
Spiked Amount 50.000		Recovery =	39.91%
Target Compounds			
1) T n-Nonane (C9)	3.297	3007346	18.524 ug/ml
2) T n-Decane (C10)	4.548	3172595	19.159 ug/ml
3) T A~Naphthalene (C11.7)	6.249	3446183	19.275 ug/ml
4) T n-Dodecane (C12)	6.714	3210852	19.304 ug/ml
5) T A~2-methylnaphthalene...	7.345	3319875	19.404 ug/ml
6) T n-Tetradecane (C14)	8.541	3200627	19.496 ug/ml
7) T n-Hexadecane (C16)	10.152	3317879	19.585 ug/ml
8) T n-Octadecane (C18)	11.597	3343468	19.692 ug/ml
10) T n-Eicosane (C20)	12.910	3176185	19.741 ug/ml
11) T n-Heneicosane (C21)	13.524	3088586	19.725 ug/ml
13) T n-Docosane (C22)	14.110	3075223	19.939 ug/ml
14) T n-Tetracosane (C24)	15.216	3060708	20.247 ug/ml
15) T n-Hexacosane (C26)	16.238	2999099	20.389 ug/ml
16) T n-Octacosane (C28)	17.190	3116837	21.732 ug/ml
17) T n-Tricontane (C30)	18.078	3478793	23.468 ug/ml
18) T n-Dotriacontane (C32)	18.914	3629685	24.519 ug/ml
19) T n-Tetratriacontane (C34)	19.697	3468713	23.735 ug/ml
20) T n-Hexatriacontane (C36)	20.441	3239476	22.333 ug/ml
21) T n-Octatriacontane (C38)	21.181	3253785	21.722 ug/ml
22) T n-Tetracontane (C40)	22.100	3225839	20.441 ug/ml

(f)=RT Delta > 1/2 Window

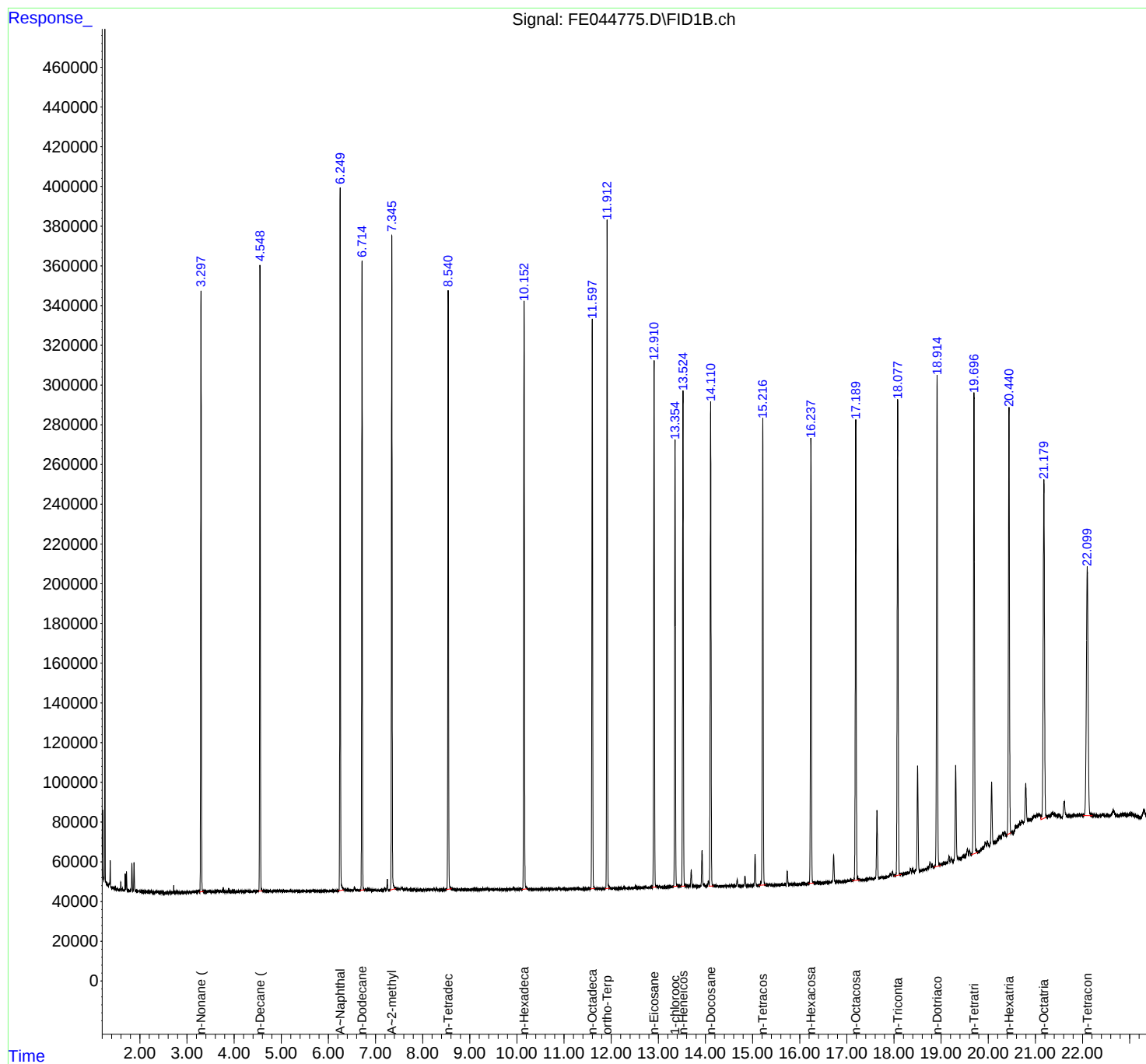
(m)=manual int.

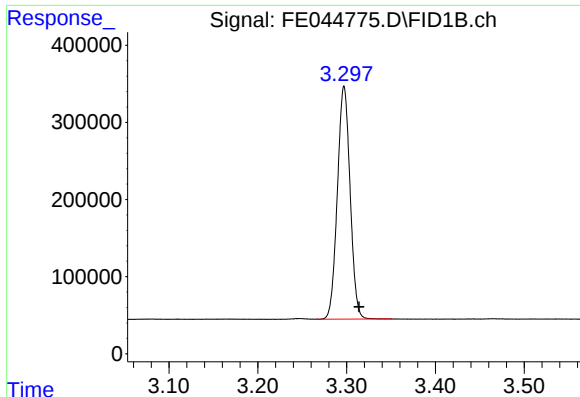
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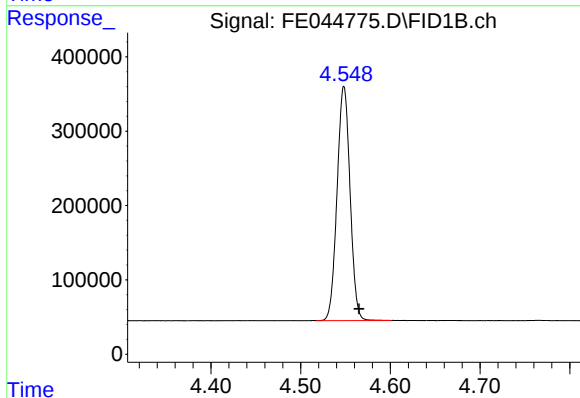




#1 n-Nonane (C9)

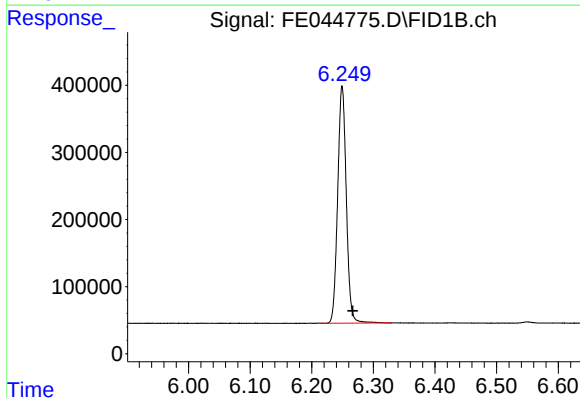
R.T.: 3.297 min
Delta R.T.: -0.017 min
Response: 3007346
Conc: 18.52 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



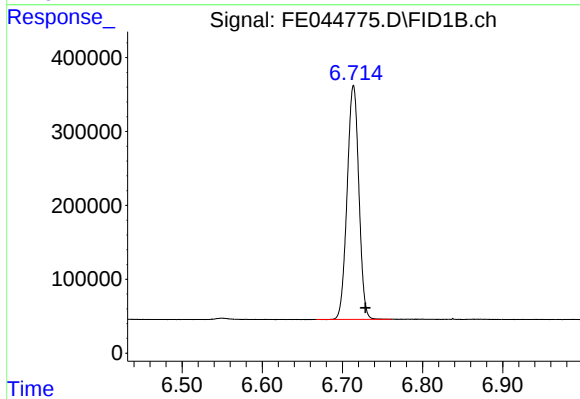
#2 n-Decane (C10)

R.T.: 4.548 min
Delta R.T.: -0.017 min
Response: 3172595
Conc: 19.16 ug/ml



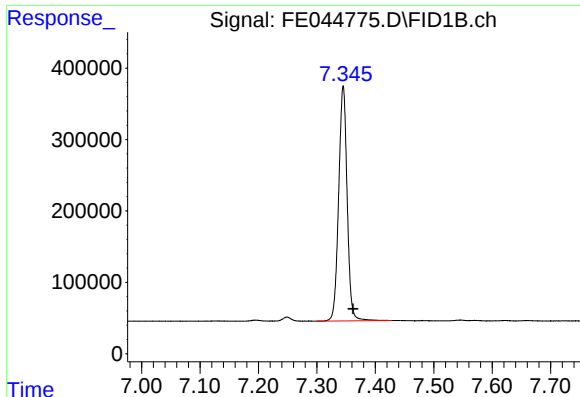
#3 A~Naphthalene (C11.7)

R.T.: 6.249 min
Delta R.T.: -0.017 min
Response: 3446183
Conc: 19.28 ug/ml



#4 n-Dodecane (C12)

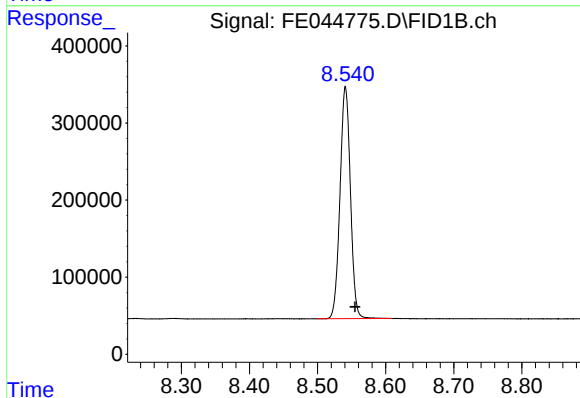
R.T.: 6.714 min
Delta R.T.: -0.015 min
Response: 3210852
Conc: 19.30 ug/ml



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

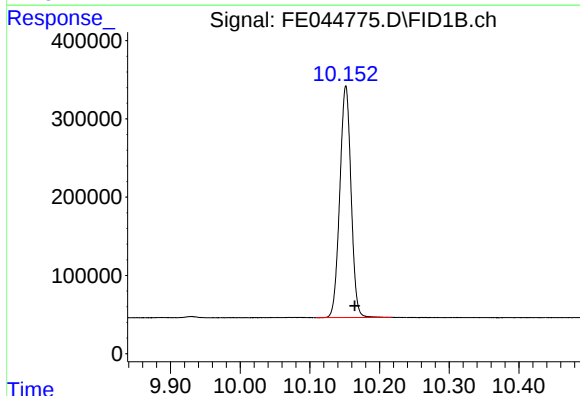
R.T.: 7.345 min
Delta R.T.: -0.017 min
Response: 3319875
Conc: 19.40 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



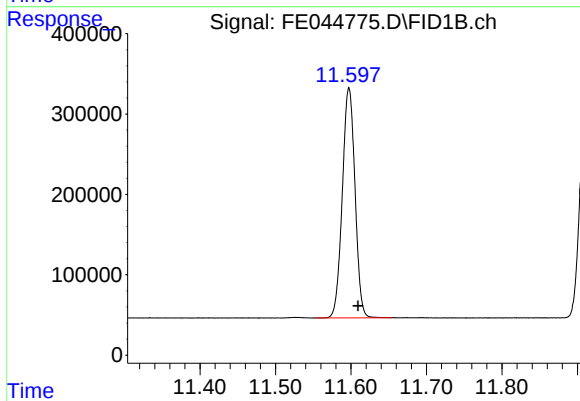
#6 n-Tetradecane (C14)

R.T.: 8.541 min
Delta R.T.: -0.014 min
Response: 3200627
Conc: 19.50 ug/ml



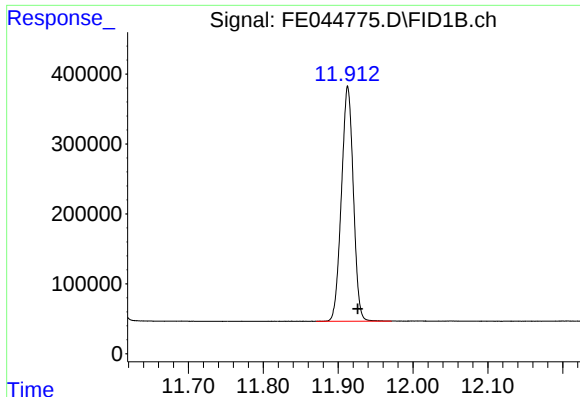
#7 n-Hexadecane (C16)

R.T.: 10.152 min
Delta R.T.: -0.013 min
Response: 3317879
Conc: 19.59 ug/ml



#8 n-Octadecane (C18)

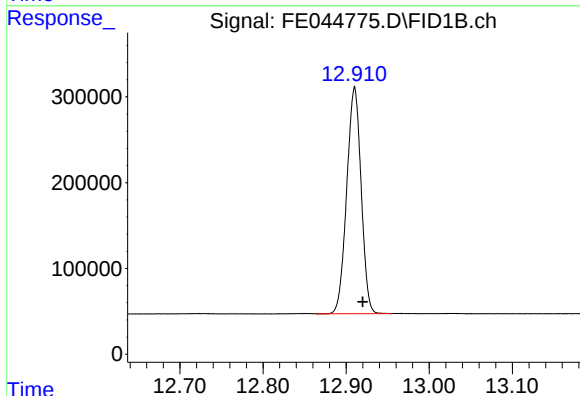
R.T.: 11.597 min
Delta R.T.: -0.012 min
Response: 3343468
Conc: 19.69 ug/ml



#9 ortho-Terphenyl (SURR)

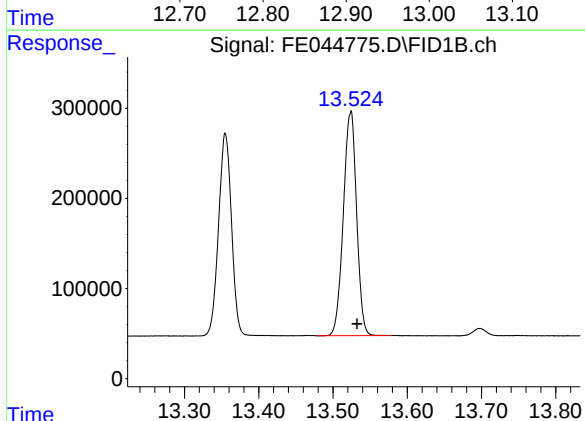
R.T.: 11.913 min
Delta R.T.: -0.013 min
Response: 3712603
Conc: 19.78 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



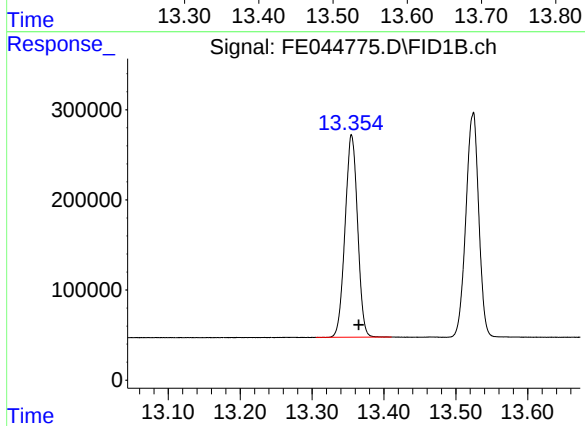
#10 n-Eicosane (C20)

R.T.: 12.910 min
Delta R.T.: -0.010 min
Response: 3176185
Conc: 19.74 ug/ml



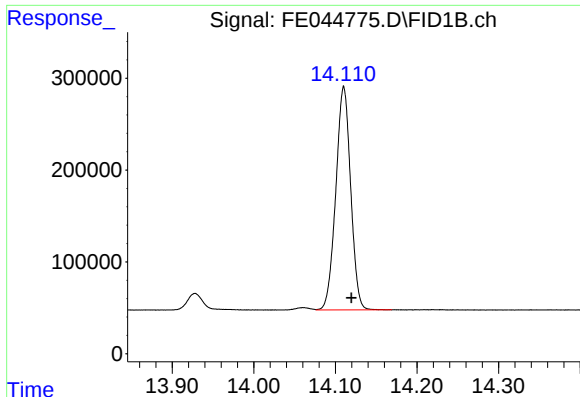
#11 n-Heneicosane (C21)

R.T.: 13.524 min
Delta R.T.: -0.008 min
Response: 3088586
Conc: 19.72 ug/ml



#12 1-chlorooctadecane (SURR)

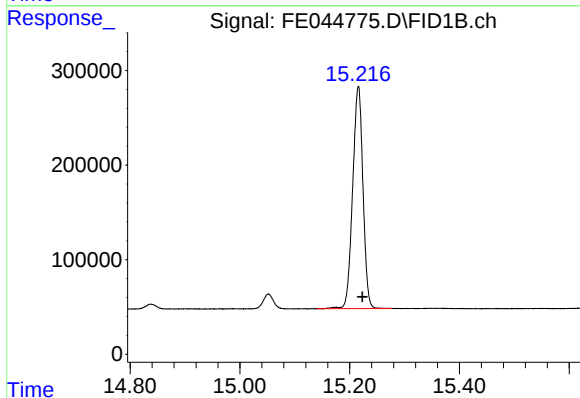
R.T.: 13.355 min
Delta R.T.: -0.010 min
Response: 2714413
Conc: 19.95 ug/ml



#13 n-Docosane (C22)

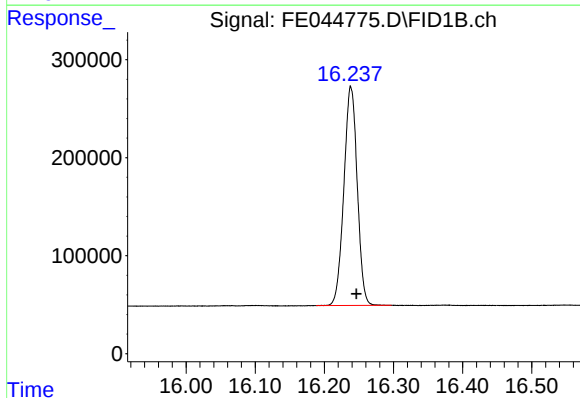
R.T.: 14.110 min
Delta R.T.: -0.010 min
Response: 3075223
Conc: 19.94 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



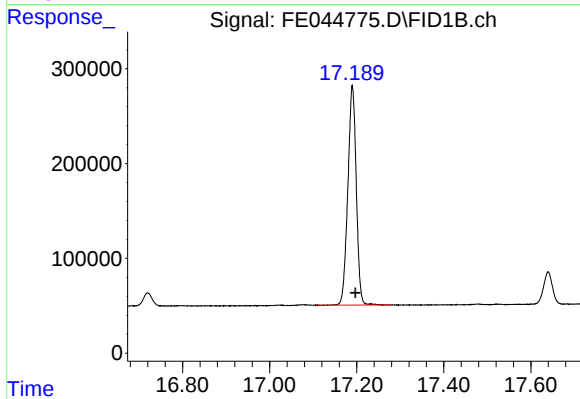
#14 n-Tetracosane (C24)

R.T.: 15.216 min
Delta R.T.: -0.007 min
Response: 3060708
Conc: 20.25 ug/ml



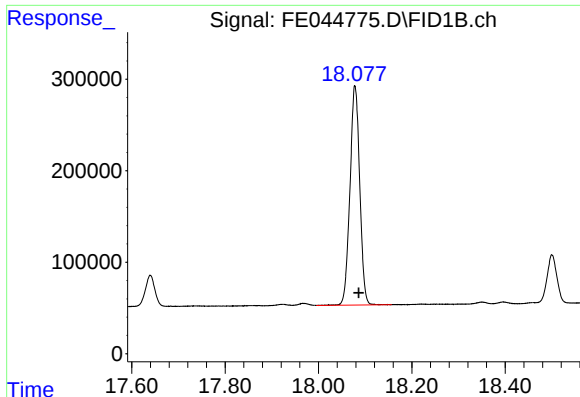
#15 n-Hexacosane (C26)

R.T.: 16.238 min
Delta R.T.: -0.008 min
Response: 2999099
Conc: 20.39 ug/ml



#16 n-Octacosane (C28)

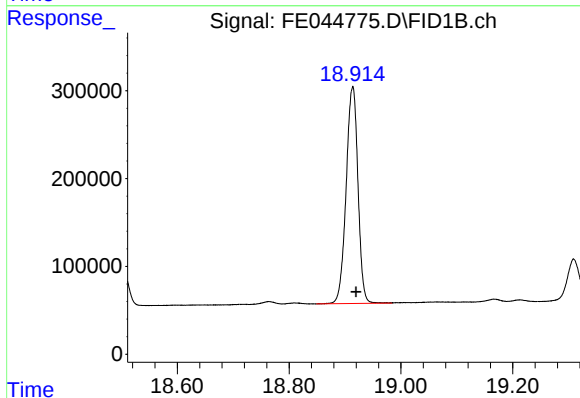
R.T.: 17.190 min
Delta R.T.: -0.007 min
Response: 3116837
Conc: 21.73 ug/ml



#17 n-Tricontane (C30)

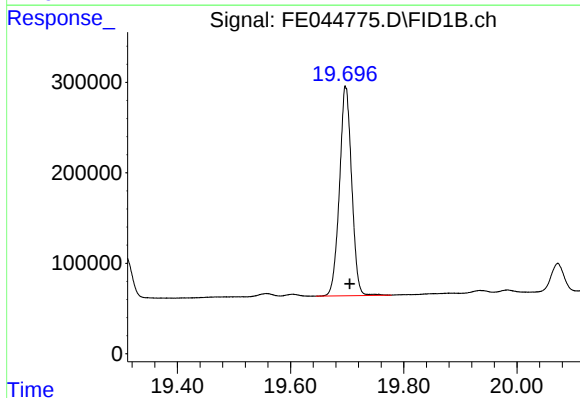
R.T.: 18.078 min
Delta R.T.: -0.008 min
Response: 3478793
Conc: 23.47 ug/ml

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20 PPM ALIPHATIC HC STD



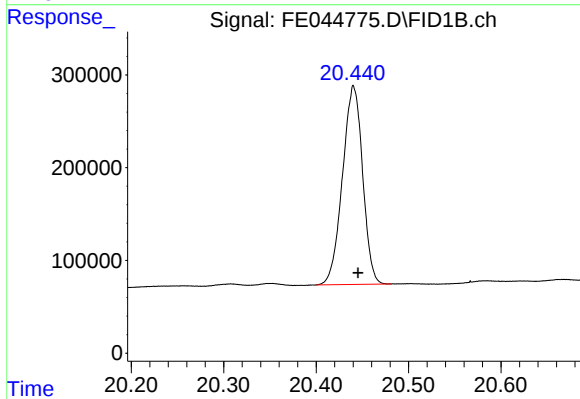
#18 n-Dotriacontane (C32)

R.T.: 18.914 min
Delta R.T.: -0.006 min
Response: 3629685
Conc: 24.52 ug/ml



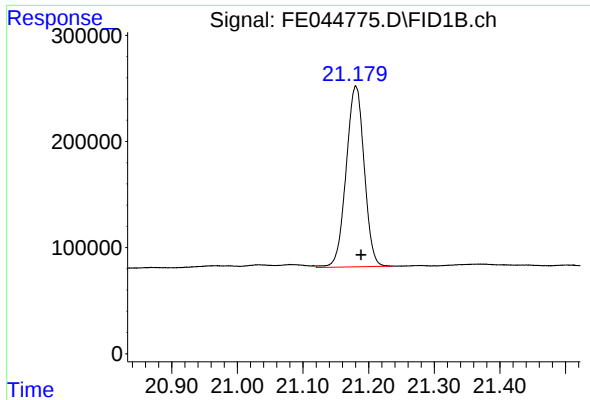
#19 n-Tetratriacontane (C34)

R.T.: 19.697 min
Delta R.T.: -0.008 min
Response: 3468713
Conc: 23.74 ug/ml



#20 n-Hexatriacontane (C36)

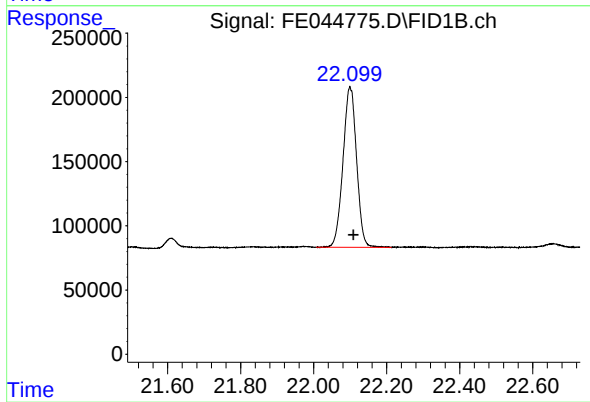
R.T.: 20.441 min
Delta R.T.: -0.005 min
Response: 3239476
Conc: 22.33 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.181 min
Delta R.T.: -0.008 min
Response: 3253785
Conc: 21.72 ug/ml

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FID_E
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20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 22.100 min
Delta R.T.: -0.009 min
Response: 3225839
Conc: 20.44 ug/ml