

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG080224AL\
 Data File : FG014030.D
 Signal(s) : FID1A.ch
 Acq On : 02 Aug 2024 09:36
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: Aug 03 00:56:31 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 072924.M
 Quant Title : GC Extractables
 QLast Update : Tue Jul 30 04:02:26 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)	11.840	2691720	19.829 ug/ml
Spiked Amount 50.000		Recovery =	39.66%
12) S 1-chlorooctadecane (S...	13.287	1983976	19.632 ug/ml
Spiked Amount 50.000		Recovery =	39.26%
Target Compounds			
1) T n-Nonane (C9)	3.216	2584095	19.828 ug/ml
2) T n-Decane (C10)	4.468	2642063	19.897 ug/ml
3) T A~Naphthalene (C11.7)	6.169	2744023	19.925 ug/ml
4) T n-Dodecane (C12)	6.639	2631535	19.852 ug/ml
5) T A~2-methylnaphthalene...	7.268	2580490	19.810 ug/ml
6) T n-Tetradecane (C14)	8.472	2584105	19.917 ug/ml
7) T n-Hexadecane (C16)	10.083	2615307	19.873 ug/ml
8) T n-Octadecane (C18)	11.530	2621203	19.992 ug/ml
10) T n-Eicosane (C20)	12.843	2471875	19.922 ug/ml
11) T n-Heneicosane (C21)	13.456	2413672	19.892 ug/ml
13) T n-Docosane (C22)	14.044	2386201	19.881 ug/ml
14) T n-Tetracosane (C24)	15.149	2359795	19.906 ug/ml
15) T n-Hexacosane (C26)	16.174	2315556	19.911 ug/ml
16) T n-Octacosane (C28)	17.126	2264985	19.878 ug/ml
17) T n-Tricontane (C30)	18.015	2292684	19.786 ug/ml
18) T n-Dotriacontane (C32)	18.850	2220988	19.393 ug/ml
19) T n-Tetratriacontane (C34)	19.636	2180499	19.216 ug/ml
20) T n-Hexatriacontane (C36)	20.378	2103785	18.790 ug/ml
21) T n-Octatriacontane (C38)	21.111	2039618	17.626 ug/ml
22) T n-Tetracontane (C40)	22.008	1939456	16.669 ug/ml

(f)=RT Delta > 1/2 Window

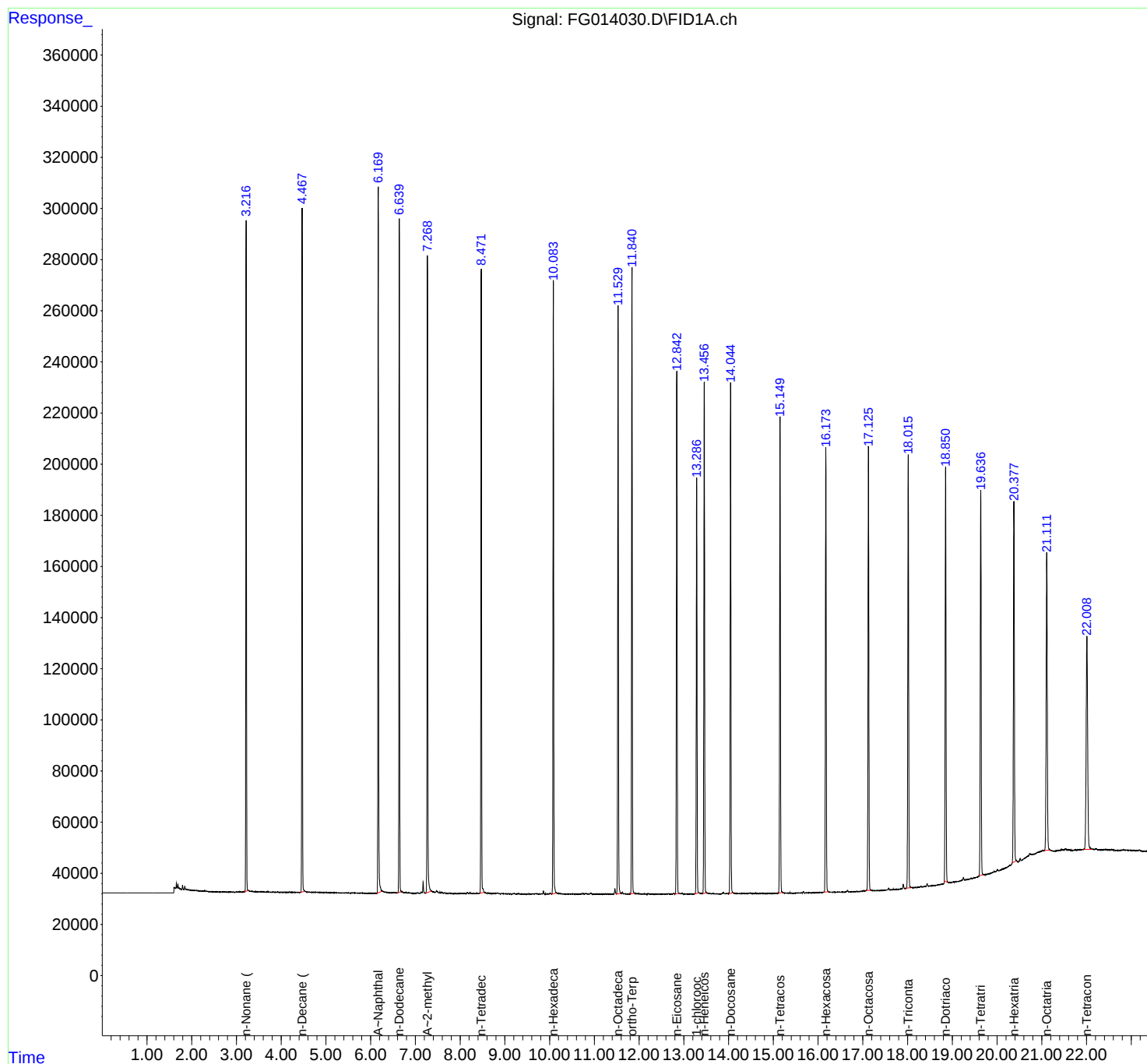
(m)=manual int.

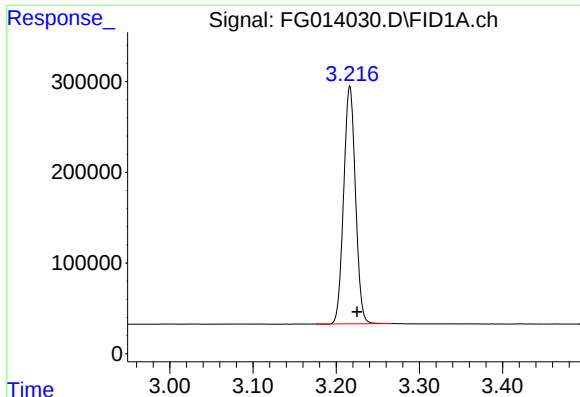
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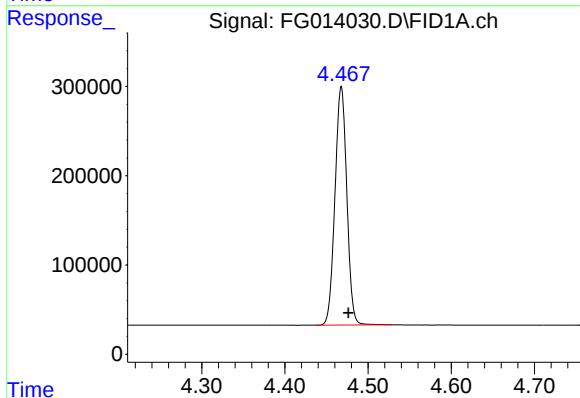




#1 n-Nonane (C9)

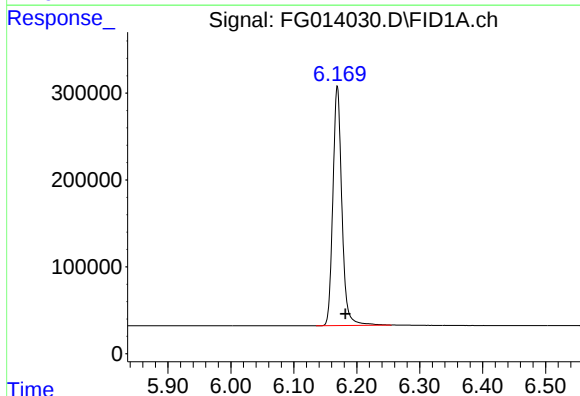
R.T.: 3.216 min
Delta R.T.: -0.009 min
Response: 2584095
Conc: 19.83 ug/ml

Instrument :
FID_G
ClientSampleId :
20 PPM ALIPHATIC HC STD



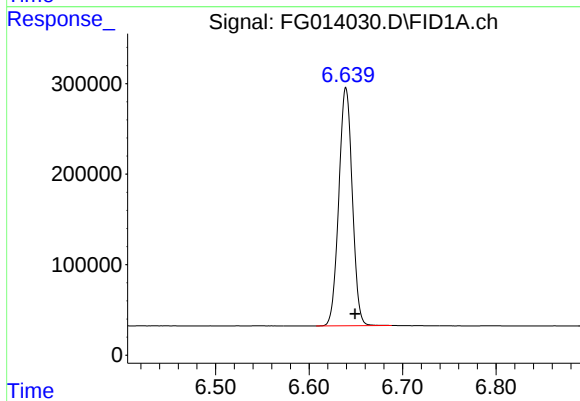
#2 n-Decane (C10)

R.T.: 4.468 min
Delta R.T.: -0.009 min
Response: 2642063
Conc: 19.90 ug/ml



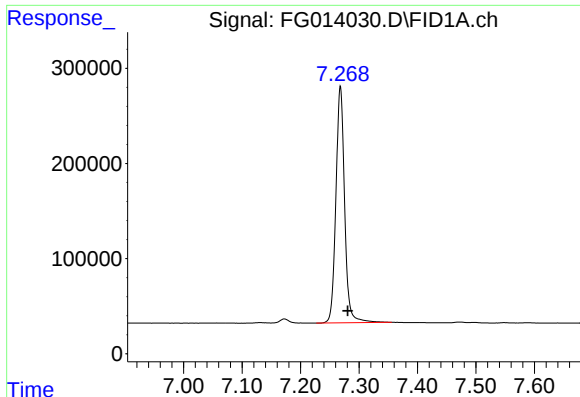
#3 A~Naphthalene (C11.7)

R.T.: 6.169 min
Delta R.T.: -0.013 min
Response: 2744023
Conc: 19.93 ug/ml



#4 n-Dodecane (C12)

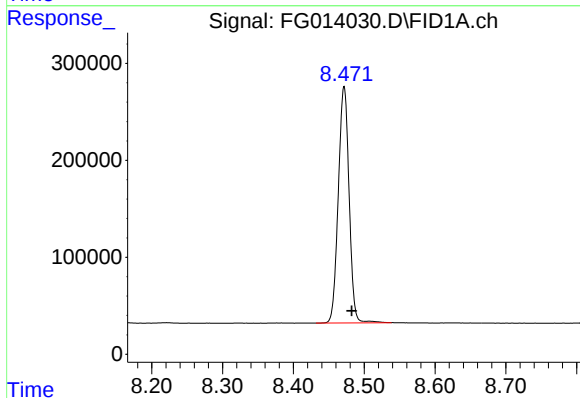
R.T.: 6.639 min
Delta R.T.: -0.010 min
Response: 2631535
Conc: 19.85 ug/ml



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

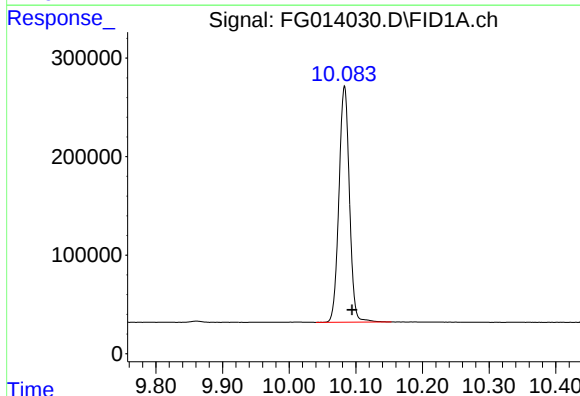
R.T.: 7.268 min
Delta R.T.: -0.012 min
Response: 2580490
Conc: 19.81 ug/ml

Instrument :
FID_G
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20 PPM ALIPHATIC HC STD



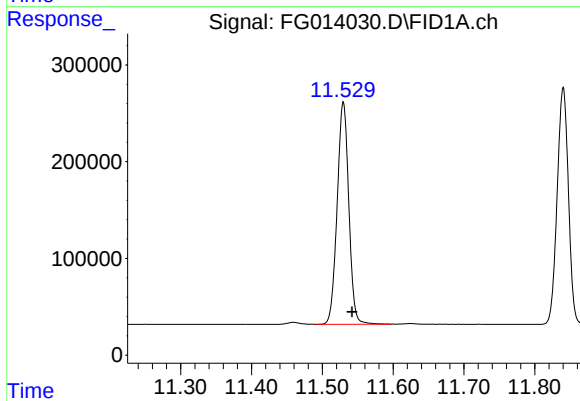
#6 n-Tetradecane (C14)

R.T.: 8.472 min
Delta R.T.: -0.011 min
Response: 2584105
Conc: 19.92 ug/ml



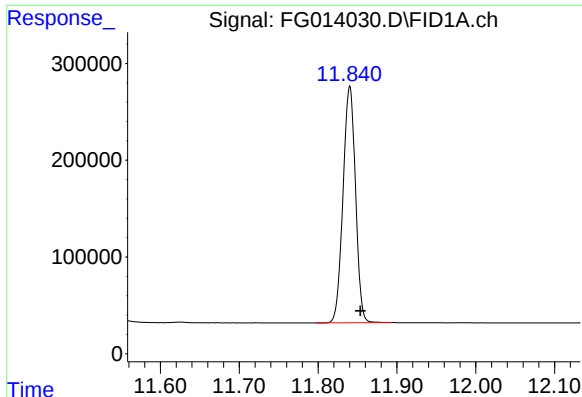
#7 n-Hexadecane (C16)

R.T.: 10.083 min
Delta R.T.: -0.011 min
Response: 2615307
Conc: 19.87 ug/ml



#8 n-Octadecane (C18)

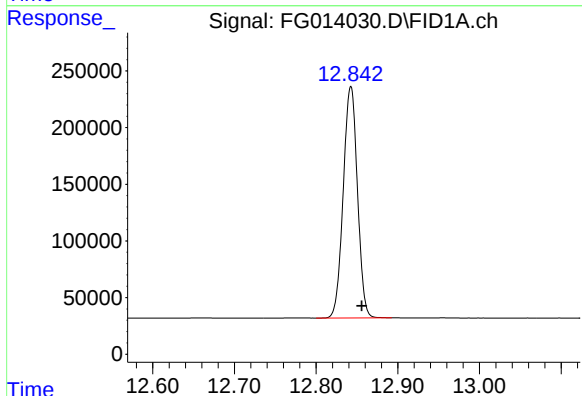
R.T.: 11.530 min
Delta R.T.: -0.012 min
Response: 2621203
Conc: 19.99 ug/ml



#9 ortho-Terphenyl (SURR)

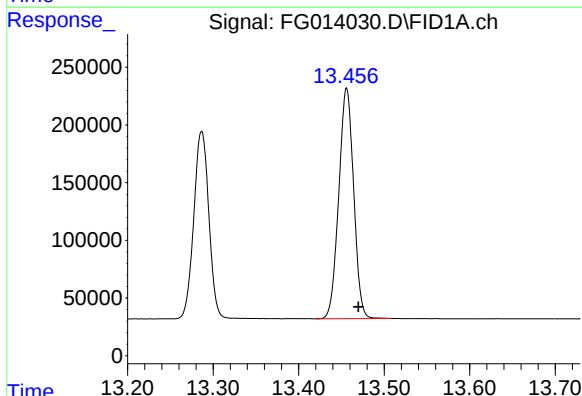
R.T.: 11.840 min
Delta R.T.: -0.014 min
Response: 2691720
Conc: 19.83 ug/ml

Instrument :
FID_G
ClientSampleId :
20 PPM ALIPHATIC HC STD



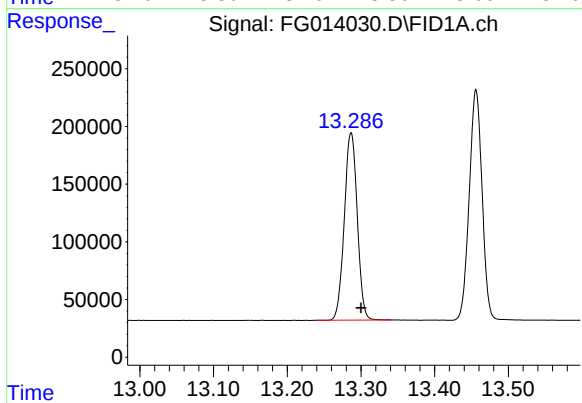
#10 n-Eicosane (C20)

R.T.: 12.843 min
Delta R.T.: -0.013 min
Response: 2471875
Conc: 19.92 ug/ml



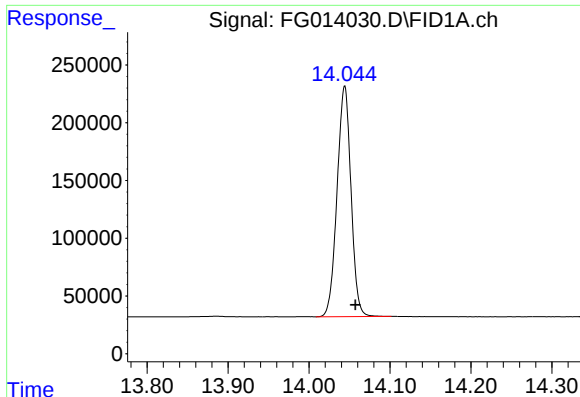
#11 n-Heneicosane (C21)

R.T.: 13.456 min
Delta R.T.: -0.014 min
Response: 2413672
Conc: 19.89 ug/ml



#12 1-chlorooctadecane (SURR)

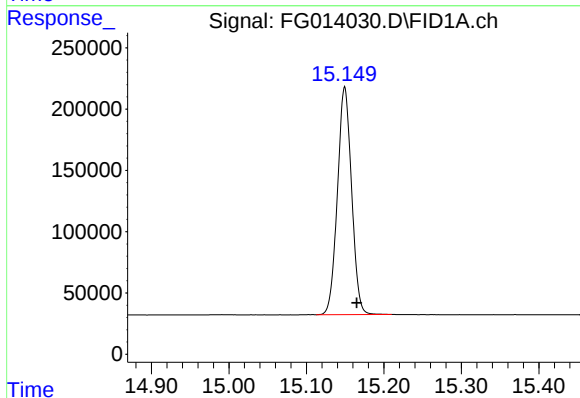
R.T.: 13.287 min
Delta R.T.: -0.013 min
Response: 1983976
Conc: 19.63 ug/ml



#13 n-Docosane (C22)

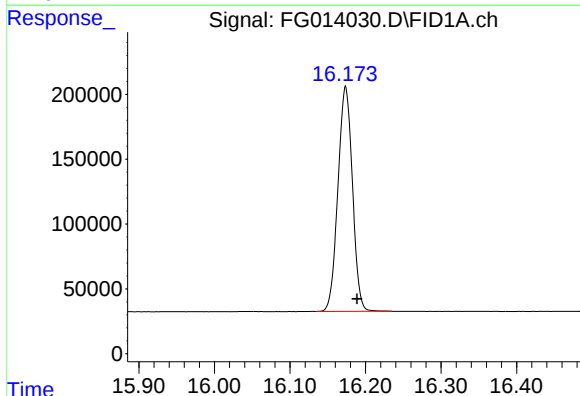
R.T.: 14.044 min
Delta R.T.: -0.013 min
Response: 2386201
Conc: 19.88 ug/ml

Instrument :
FID_G
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20 PPM ALIPHATIC HC STD



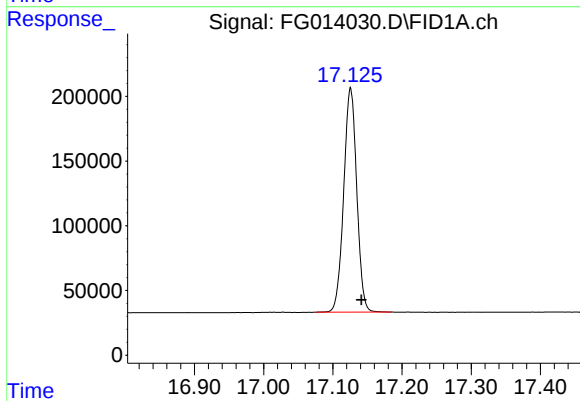
#14 n-Tetracosane (C24)

R.T.: 15.149 min
Delta R.T.: -0.015 min
Response: 2359795
Conc: 19.91 ug/ml



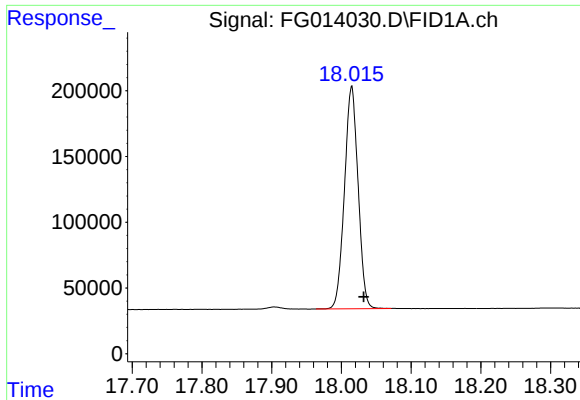
#15 n-Hexacosane (C26)

R.T.: 16.174 min
Delta R.T.: -0.015 min
Response: 2315556
Conc: 19.91 ug/ml



#16 n-Octacosane (C28)

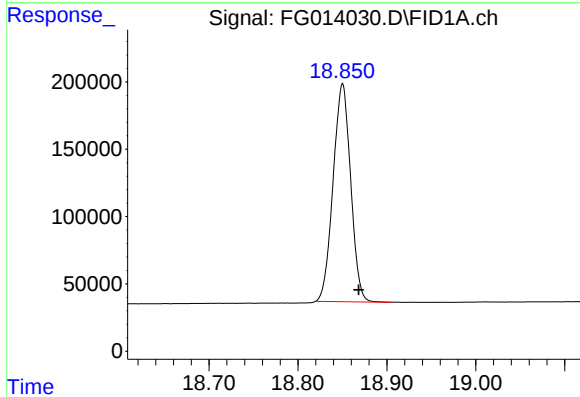
R.T.: 17.126 min
Delta R.T.: -0.016 min
Response: 2264985
Conc: 19.88 ug/ml



#17 n-Tricontane (C30)

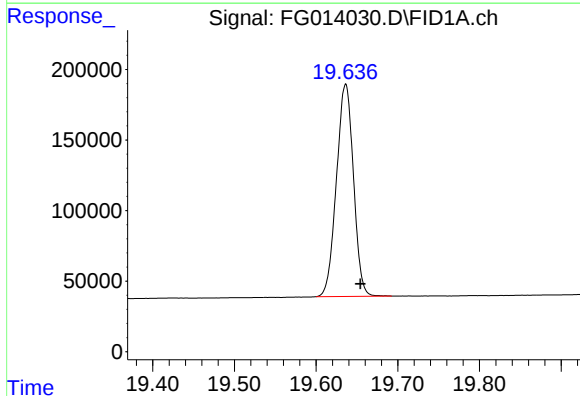
R.T.: 18.015 min
Delta R.T.: -0.017 min
Response: 2292684
Conc: 19.79 ug/ml

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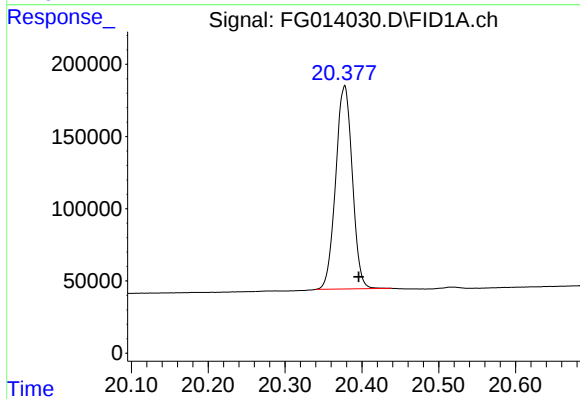
#18 n-Dotriacontane (C32)

R.T.: 18.850 min
Delta R.T.: -0.018 min
Response: 2220988
Conc: 19.39 ug/ml



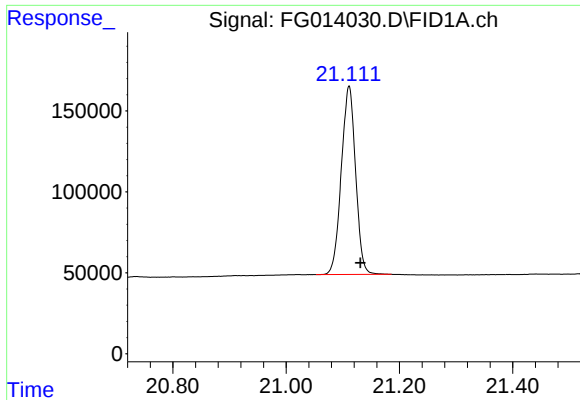
#19 n-Tetratriacontane (C34)

R.T.: 19.636 min
Delta R.T.: -0.018 min
Response: 2180499
Conc: 19.22 ug/ml



#20 n-Hexatriacontane (C36)

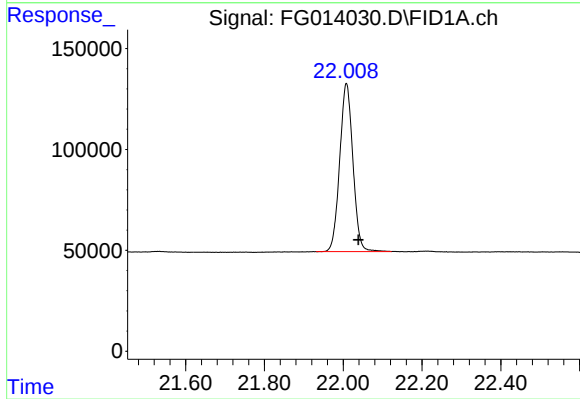
R.T.: 20.378 min
Delta R.T.: -0.018 min
Response: 2103785
Conc: 18.79 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.111 min
Delta R.T.: -0.020 min
Response: 2039618
Conc: 17.63 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.008 min
Delta R.T.: -0.030 min
Response: 1939456
Conc: 16.67 ug/ml