

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG082923AL\
 Data File : FG012802.D
 Signal(s) : FID1A.ch
 Acq On : 29 Aug 2023 13:11
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 50 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: Aug 29 23:14:39 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 081023.M
 Quant Title : GC Extractables
 QLast Update : Thu Aug 10 15:32:13 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)	11.981	2610356	19.363 ug/ml
Spiked Amount 50.000		Recovery =	38.73%
12) S 1-chlorooctadecane (S...	13.420	1982564	19.008 ug/ml
Spiked Amount 50.000		Recovery =	38.02%
Target Compounds			
1) T n-Nonane (C9)	3.345	2226597	21.436 ug/ml
2) T n-Decane (C10)	4.597	2266087	21.604 ug/ml
3) T A~Naphthalene (C11.7)	6.305	2427436	21.289 ug/ml
4) T n-Dodecane (C12)	6.769	2289377	21.434 ug/ml
5) T A~2-methylnaphthalene...	7.404	2373174	20.726 ug/ml
6) T n-Tetradecane (C14)	8.601	2277486	21.197 ug/ml
7) T n-Hexadecane (C16)	10.214	2311565	21.247 ug/ml
8) T n-Octadecane (C18)	11.662	2310522	20.942 ug/ml
10) T n-Eicosane (C20)	12.975	2235131	20.256 ug/ml
11) T n-Heneicosane (C21)	13.588	2181917	19.770 ug/ml
13) T n-Docosane (C22)	14.175	2182114	19.932 ug/ml
14) T n-Tetracosane (C24)	15.281	2186186	20.261 ug/ml
15) T n-Hexacosane (C26)	16.305	2140990	20.386 ug/ml
16) T n-Octacosane (C28)	17.255	2121175	20.951 ug/ml
17) T n-Tricontane (C30)	18.145	2176866	21.854 ug/ml
18) T n-Dotriacontane (C32)	18.979	2149758	21.750 ug/ml
19) T n-Tetratriacontane (C34)	19.762	1997450	21.709 ug/ml
20) T n-Hexatriacontane (C36)	20.502	1961164	21.844 ug/ml
21) T n-Octatriacontane (C38)	21.258	1909027	22.481 ug/ml
22) T n-Tetracontane (C40)	22.205	1915882	23.470 ug/ml

(f)=RT Delta > 1/2 Window

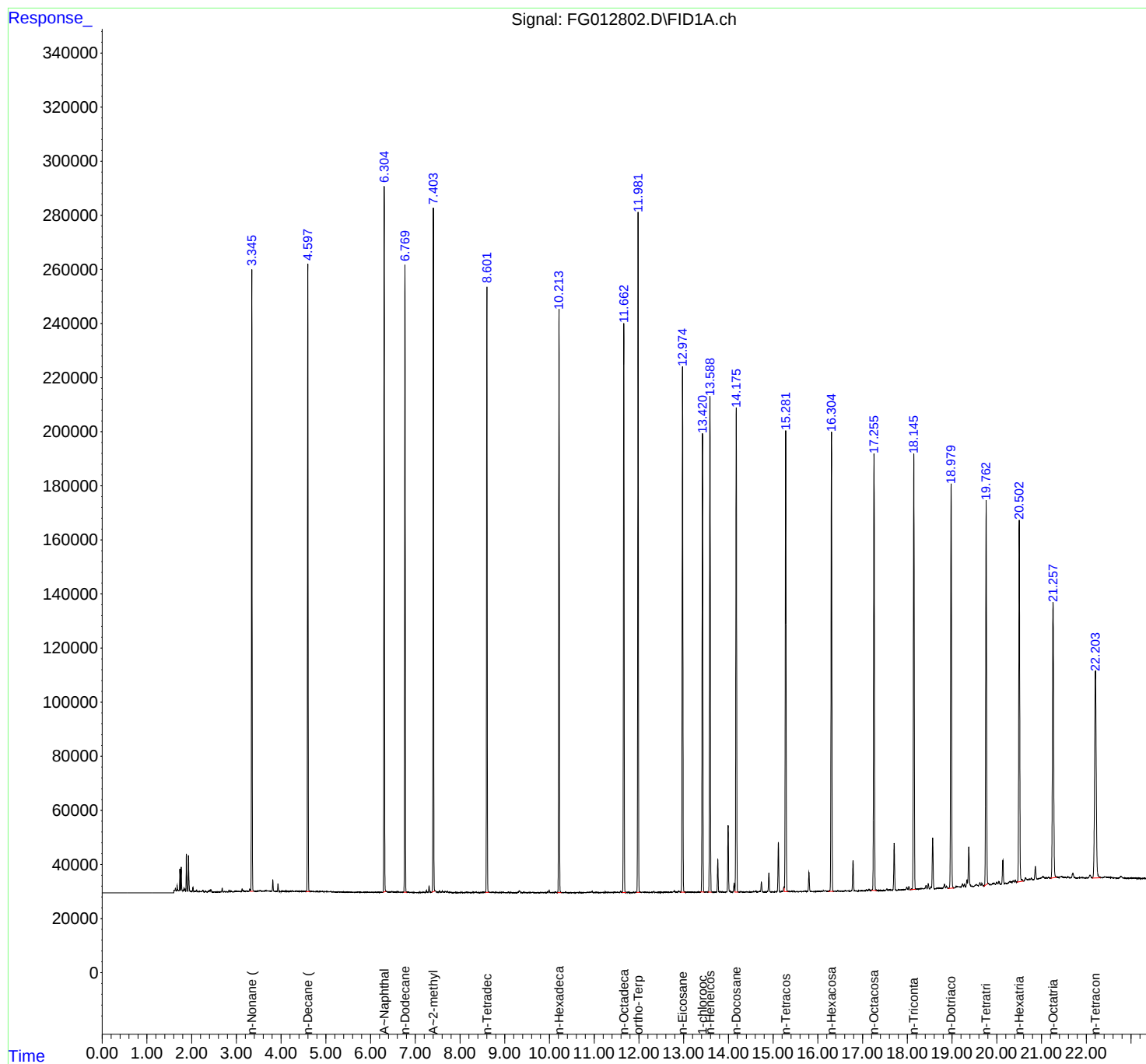
(m)=manual int.

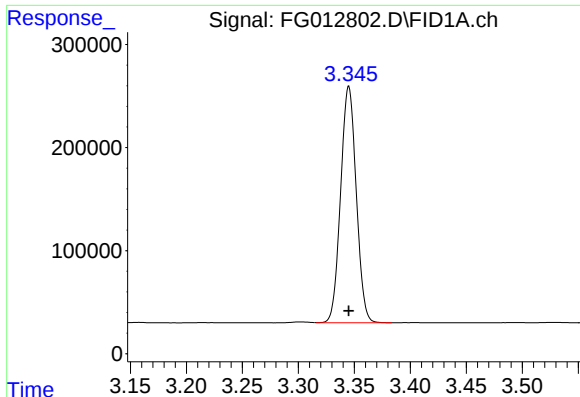
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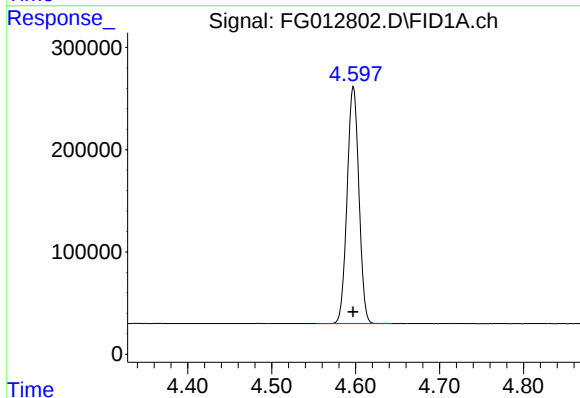




#1 n-Nonane (C9)

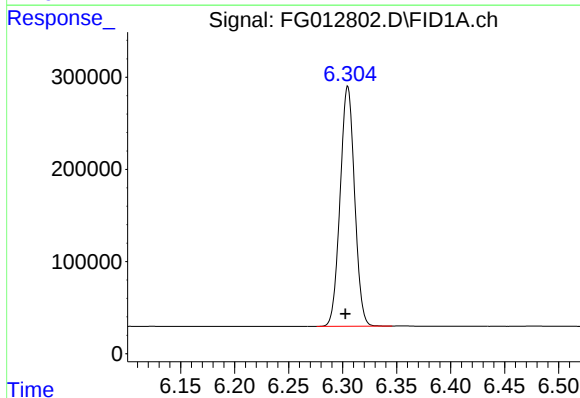
R.T.: 3.345 min
Delta R.T.: 0.000 min
Response: 2226597
Conc: 21.44 ug/ml

Instrument :
FID_G
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20 PPM ALIPHATIC HC STD



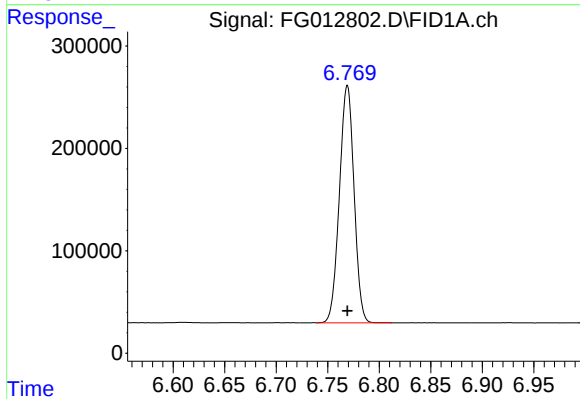
#2 n-Decane (C10)

R.T.: 4.597 min
Delta R.T.: 0.000 min
Response: 2266087
Conc: 21.60 ug/ml



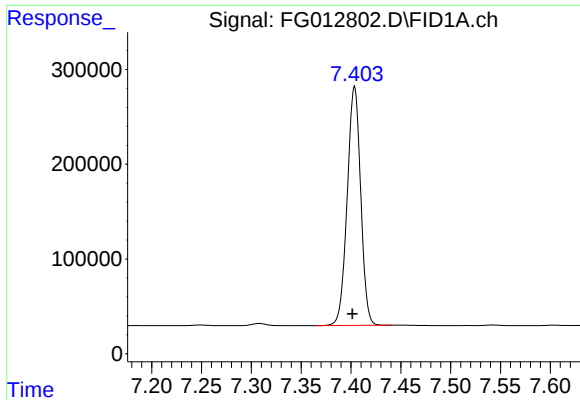
#3 A~Naphthalene (C11.7)

R.T.: 6.305 min
Delta R.T.: 0.002 min
Response: 2427436
Conc: 21.29 ug/ml



#4 n-Dodecane (C12)

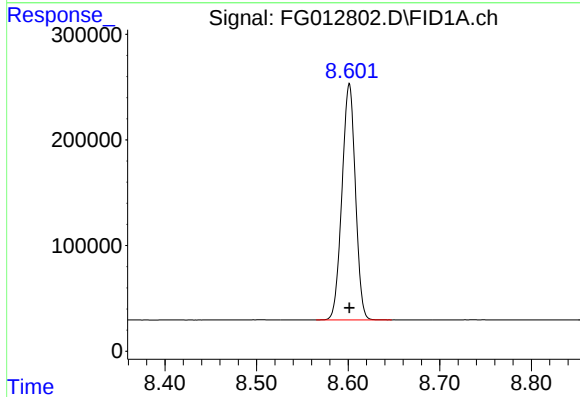
R.T.: 6.769 min
Delta R.T.: 0.000 min
Response: 2289377
Conc: 21.43 ug/ml



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

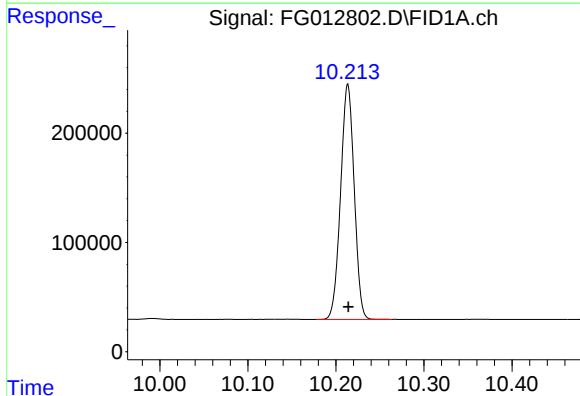
R.T.: 7.404 min
Delta R.T.: 0.002 min
Response: 2373174
Conc: 20.73 ug/ml

Instrument :
FID_G
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20 PPM ALIPHATIC HC STD



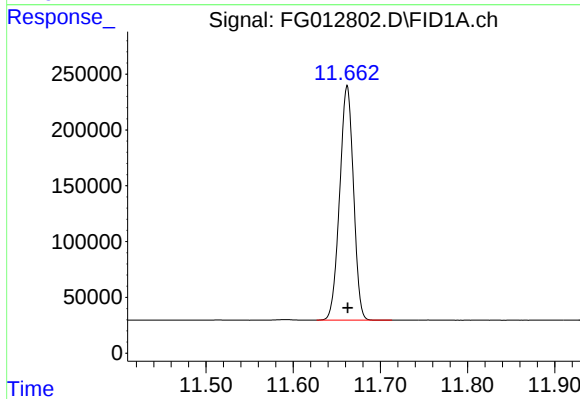
#6 n-Tetradecane (C14)

R.T.: 8.601 min
Delta R.T.: 0.000 min
Response: 2277486
Conc: 21.20 ug/ml



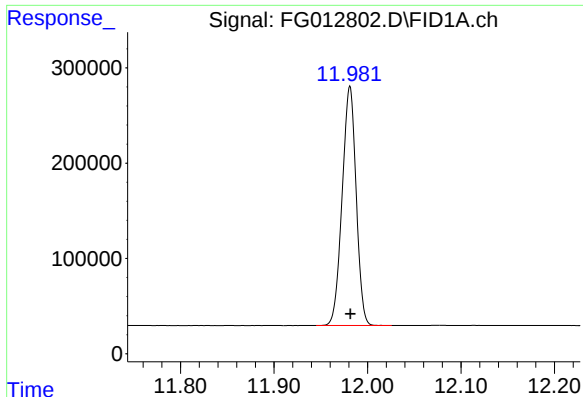
#7 n-Hexadecane (C16)

R.T.: 10.214 min
Delta R.T.: 0.000 min
Response: 2311565
Conc: 21.25 ug/ml



#8 n-Octadecane (C18)

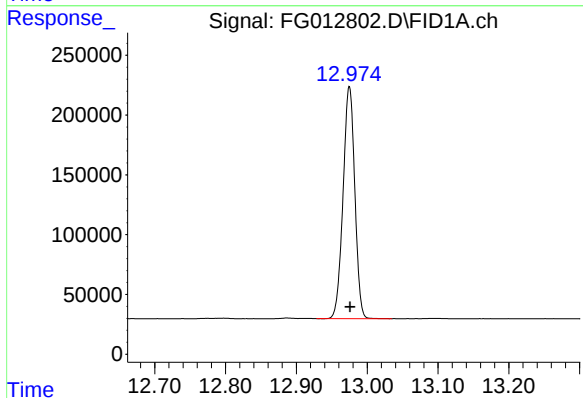
R.T.: 11.662 min
Delta R.T.: 0.000 min
Response: 2310522
Conc: 20.94 ug/ml



#9 ortho-Terphenyl (SURR)

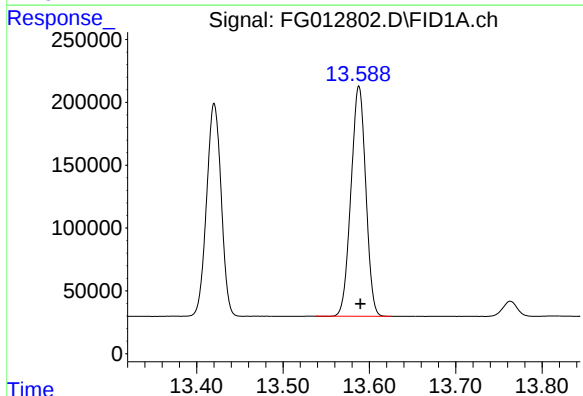
R.T.: 11.981 min
Delta R.T.: 0.000 min
Response: 2610356
Conc: 19.36 ug/ml

Instrument :
FID_G
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20 PPM ALIPHATIC HC STD



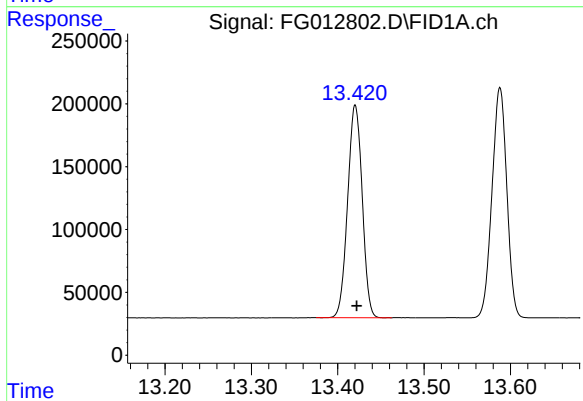
#10 n-Eicosane (C20)

R.T.: 12.975 min
Delta R.T.: -0.001 min
Response: 2235131
Conc: 20.26 ug/ml



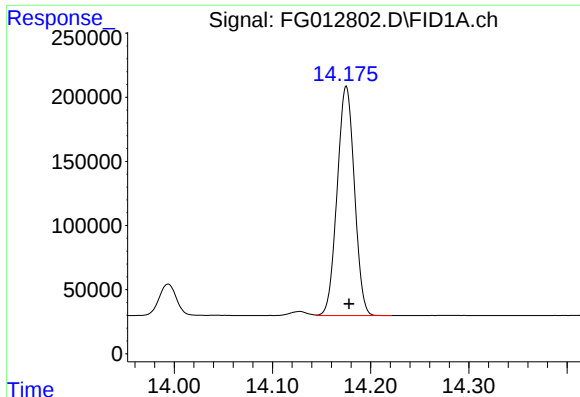
#11 n-Heneicosane (C21)

R.T.: 13.588 min
Delta R.T.: -0.002 min
Response: 2181917
Conc: 19.77 ug/ml



#12 1-chlorooctadecane (SURR)

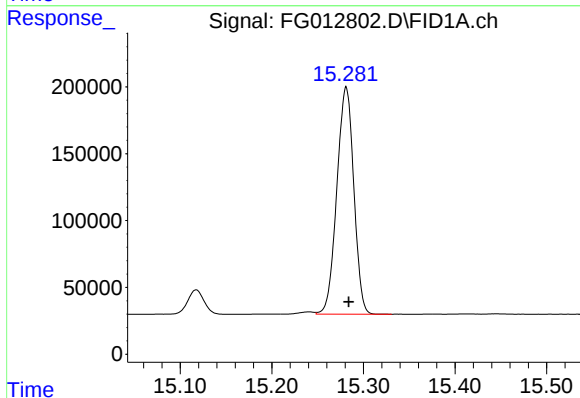
R.T.: 13.420 min
Delta R.T.: -0.002 min
Response: 1982564
Conc: 19.01 ug/ml



#13 n-Docosane (C22)

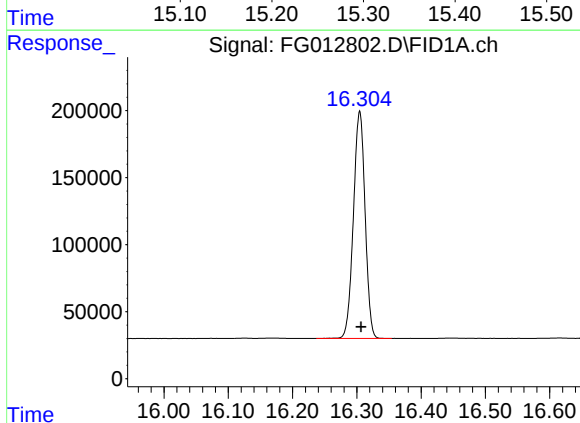
R.T.: 14.175 min
Delta R.T.: -0.003 min
Response: 2182114
Conc: 19.93 ug/ml

Instrument :
FID_G
ClientSampleId :
20 PPM ALIPHATIC HC STD



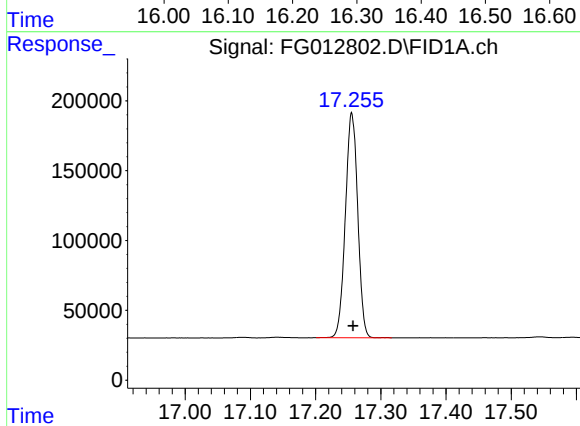
#14 n-Tetracosane (C24)

R.T.: 15.281 min
Delta R.T.: -0.003 min
Response: 2186186
Conc: 20.26 ug/ml



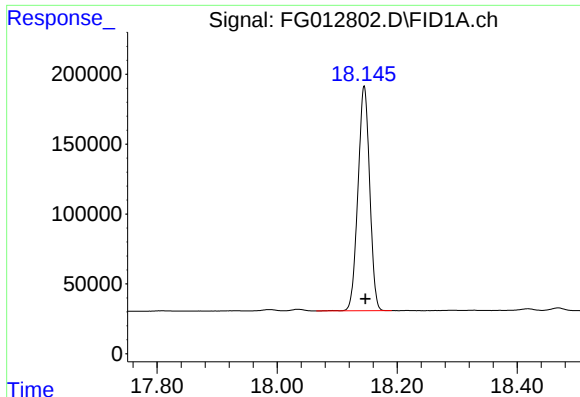
#15 n-Hexacosane (C26)

R.T.: 16.305 min
Delta R.T.: -0.002 min
Response: 2140990
Conc: 20.39 ug/ml



#16 n-Octacosane (C28)

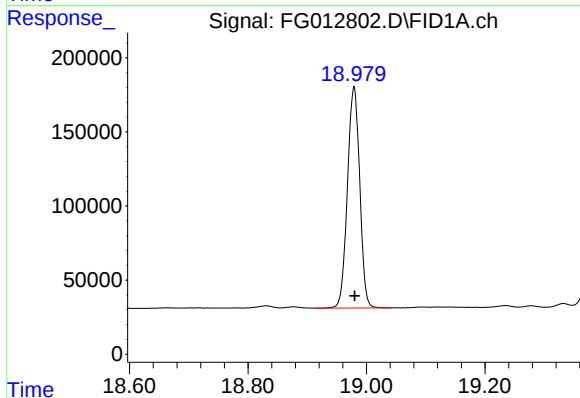
R.T.: 17.255 min
Delta R.T.: -0.002 min
Response: 2121175
Conc: 20.95 ug/ml



#17 n-Tricontane (C30)

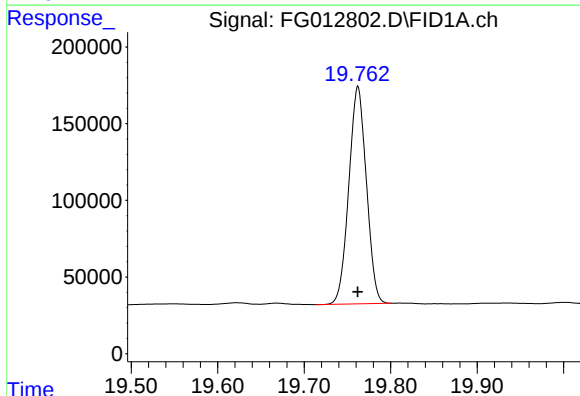
R.T.: 18.145 min
Delta R.T.: -0.002 min
Response: 2176866
Conc: 21.85 ug/ml

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FID_G
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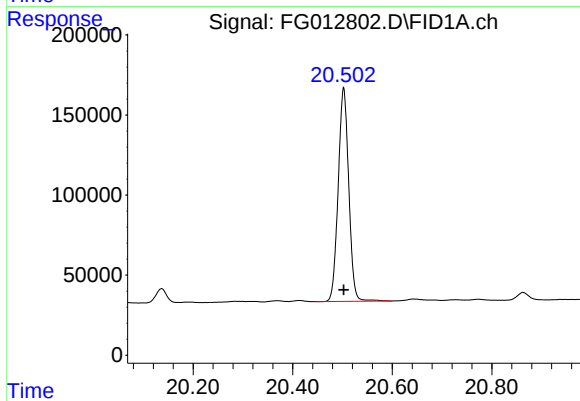
#18 n-Dotriacontane (C32)

R.T.: 18.979 min
Delta R.T.: 0.000 min
Response: 2149758
Conc: 21.75 ug/ml



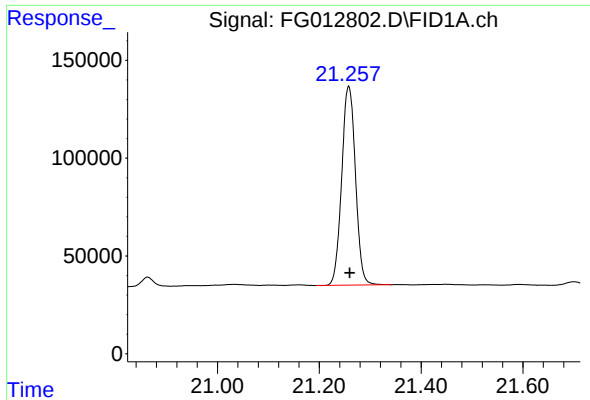
#19 n-Tetratriacontane (C34)

R.T.: 19.762 min
Delta R.T.: 0.000 min
Response: 1997450
Conc: 21.71 ug/ml



#20 n-Hexatriacontane (C36)

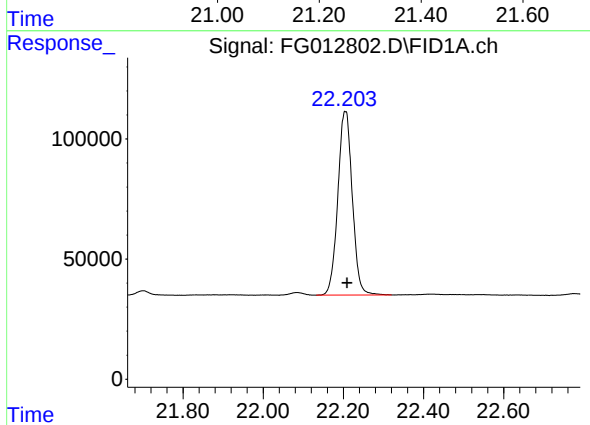
R.T.: 20.502 min
Delta R.T.: 0.000 min
Response: 1961164
Conc: 21.84 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.258 min
Delta R.T.: -0.002 min
Response: 1909027
Conc: 22.48 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.205 min
Delta R.T.: -0.004 min
Response: 1915882
Conc: 23.47 ug/ml