

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG081123AL\
 Data File : FG012679.D
 Signal(s) : FID1A.ch
 Acq On : 11 Aug 2023 10:12
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: Aug 12 03:57:06 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)	11.980	2749225	20.393 ug/ml
Spiked Amount 50.000		Recovery =	40.79%
12) S 1-chlorooctadecane (S...	13.422	2131017	20.431 ug/ml
Spiked Amount 50.000		Recovery =	40.86%
Target Compounds			
1) T n-Nonane (C9)	3.345	2116265	20.373 ug/ml
2) T n-Decane (C10)	4.597	2130693	20.313 ug/ml
3) T A~Naphthalene (C11.7)	6.302	2309436	20.254 ug/ml
4) T n-Dodecane (C12)	6.768	2164256	20.262 ug/ml
5) T A~2-methylnaphthalene...	7.401	2317545	20.240 ug/ml
6) T n-Tetradecane (C14)	8.601	2176878	20.260 ug/ml
7) T n-Hexadecane (C16)	10.214	2216103	20.369 ug/ml
8) T n-Octadecane (C18)	11.662	2254175	20.431 ug/ml
10) T n-Eicosane (C20)	12.975	2263836	20.516 ug/ml
11) T n-Heneicosane (C21)	13.589	2256173	20.443 ug/ml
13) T n-Docosane (C22)	14.177	2249186	20.545 ug/ml
14) T n-Tetracosane (C24)	15.283	2227937	20.647 ug/ml
15) T n-Hexacosane (C26)	16.305	2171699	20.678 ug/ml
16) T n-Octacosane (C28)	17.257	2098610	20.729 ug/ml
17) T n-Tricontane (C30)	18.145	2070360	20.785 ug/ml
18) T n-Dotriacontane (C32)	18.980	2026241	20.500 ug/ml
19) T n-Tetratriacontane (C34)	19.763	1891506	20.557 ug/ml
20) T n-Hexatriacontane (C36)	20.503	1807493	20.132 ug/ml
21) T n-Octatriacontane (C38)	21.261	1702976	20.054 ug/ml
22) T n-Tetracontane (C40)	22.208	1631562	19.987 ug/ml

(f)=RT Delta > 1/2 Window

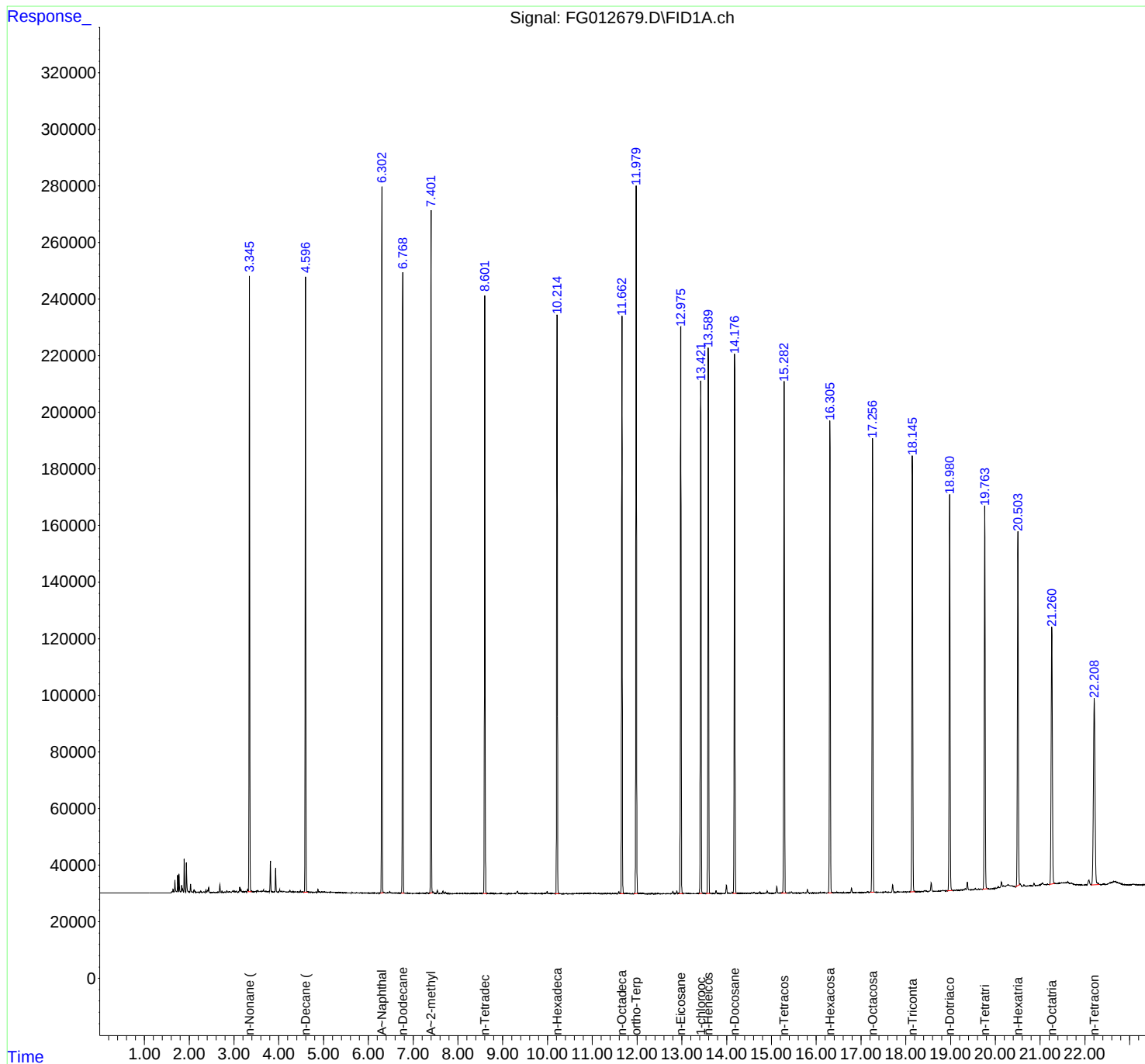
(m)=manual int.

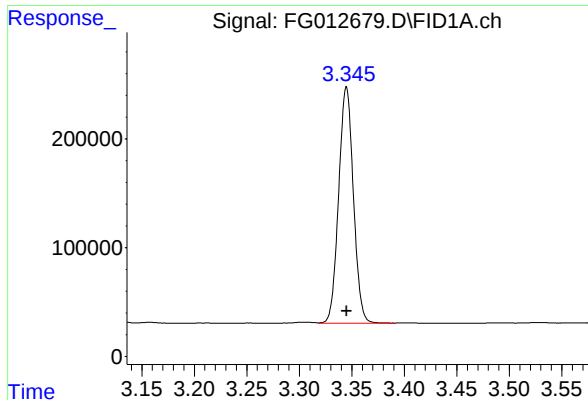
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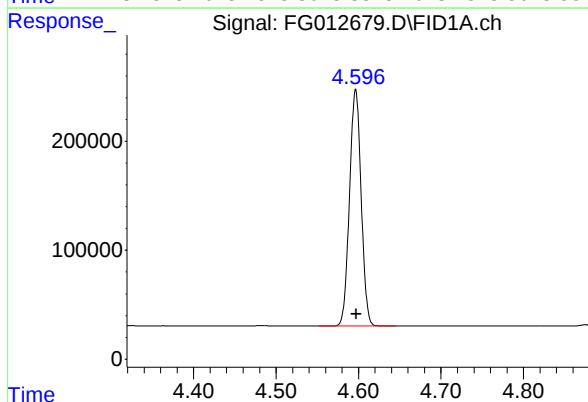




#1 n-Nonane (C9)

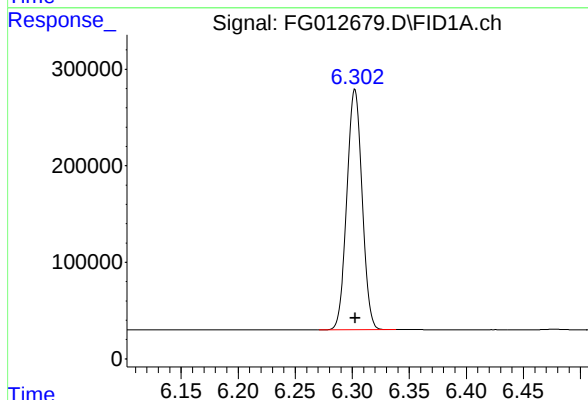
R.T.: 3.345 min
Delta R.T.: 0.000 min
Response: 2116265
Conc: 20.37 ug/ml

Instrument :
FID_G
ClientSampleId :
20 PPM ALIPHATIC HC STD



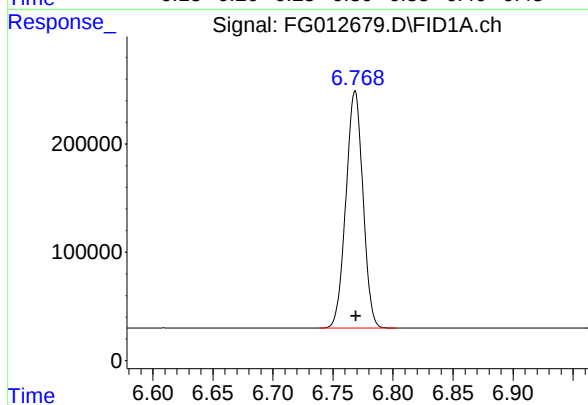
#2 n-Decane (C10)

R.T.: 4.597 min
Delta R.T.: 0.000 min
Response: 2130693
Conc: 20.31 ug/ml



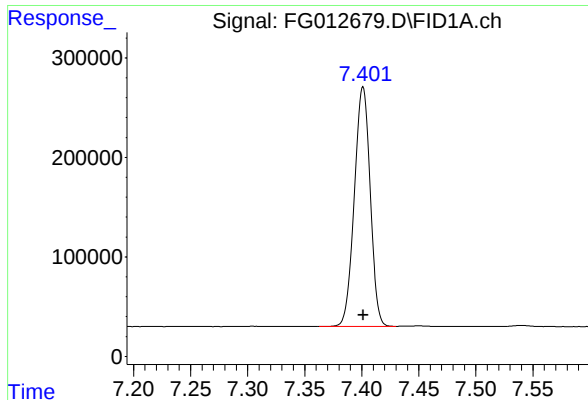
#3 A~Naphthalene (C11.7)

R.T.: 6.302 min
Delta R.T.: 0.000 min
Response: 2309436
Conc: 20.25 ug/ml



#4 n-Dodecane (C12)

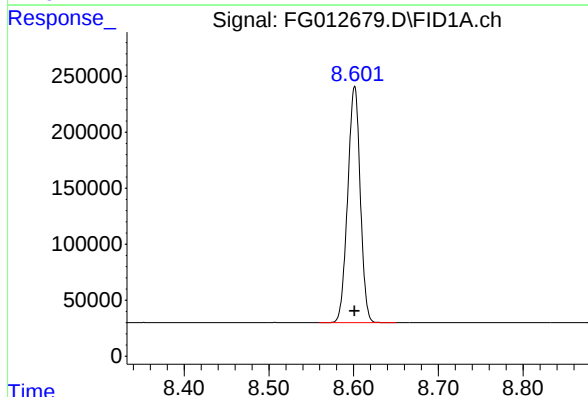
R.T.: 6.768 min
Delta R.T.: 0.000 min
Response: 2164256
Conc: 20.26 ug/ml



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

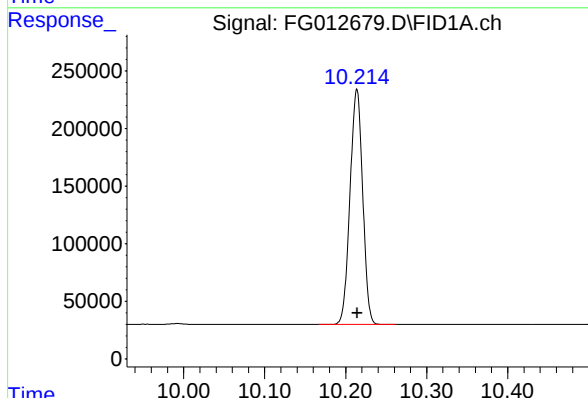
R.T.: 7.401 min
Delta R.T.: 0.000 min
Response: 2317545
Conc: 20.24 ug/ml

Instrument :
FID_G
ClientSampleId :
20 PPM ALIPHATIC HC STD



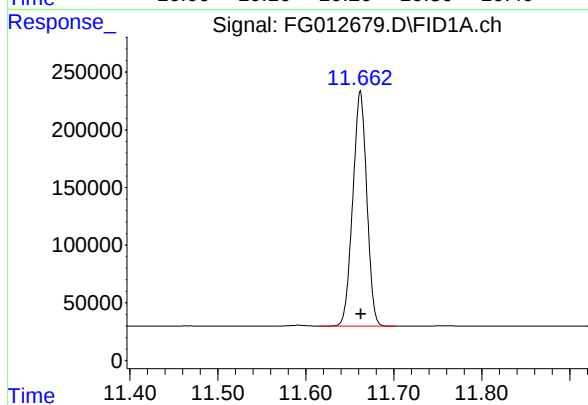
#6 n-Tetradecane (C14)

R.T.: 8.601 min
Delta R.T.: 0.000 min
Response: 2176878
Conc: 20.26 ug/ml



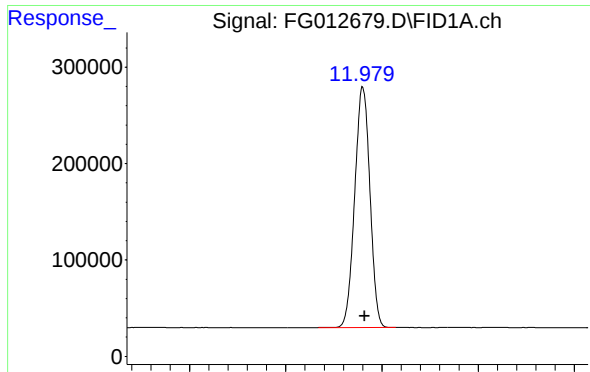
#7 n-Hexadecane (C16)

R.T.: 10.214 min
Delta R.T.: 0.000 min
Response: 2216103
Conc: 20.37 ug/ml



#8 n-Octadecane (C18)

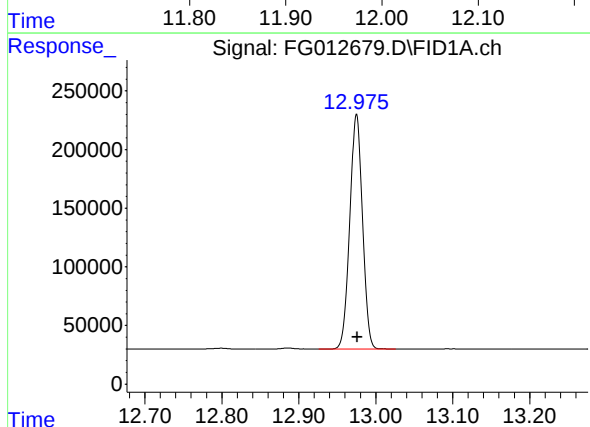
R.T.: 11.662 min
Delta R.T.: 0.000 min
Response: 2254175
Conc: 20.43 ug/ml



#9 ortho-Terphenyl (SURR)

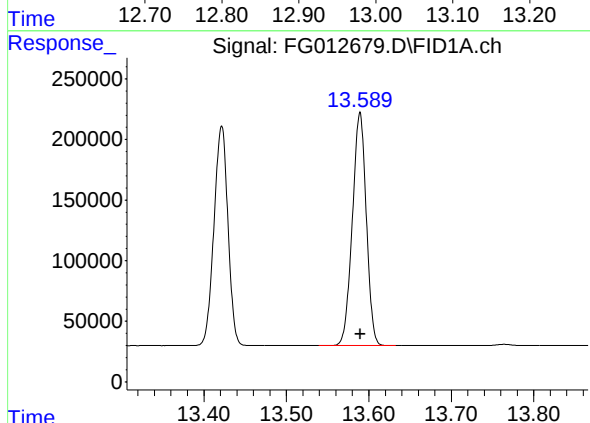
R.T.: 11.980 min
Delta R.T.: -0.002 min
Response: 2749225
Conc: 20.39 ug/ml

Instrument :
FID_G
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20 PPM ALIPHATIC HC STD



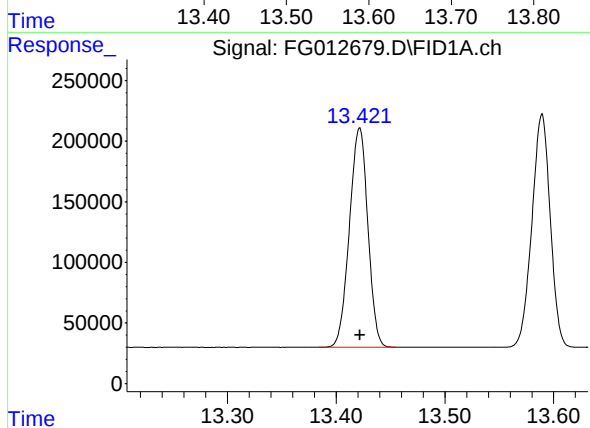
#10 n-Eicosane (C20)

R.T.: 12.975 min
Delta R.T.: -0.001 min
Response: 2263836
Conc: 20.52 ug/ml



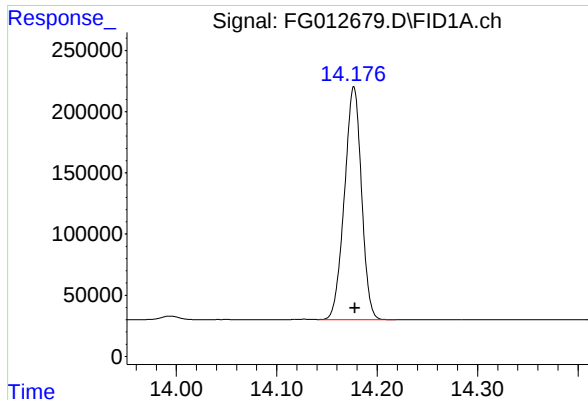
#11 n-Heneicosane (C21)

R.T.: 13.589 min
Delta R.T.: 0.000 min
Response: 2256173
Conc: 20.44 ug/ml



#12 1-chlorooctadecane (SURR)

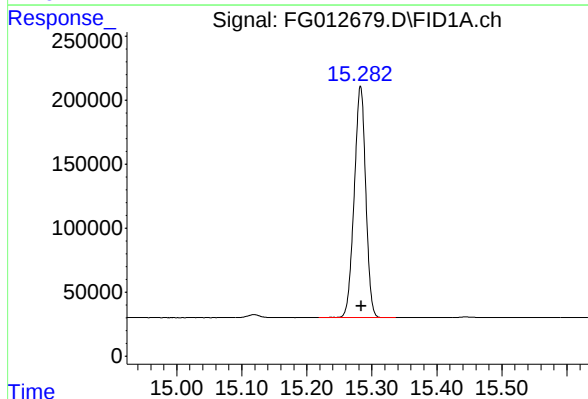
R.T.: 13.422 min
Delta R.T.: 0.000 min
Response: 2131017
Conc: 20.43 ug/ml



#13 n-Docosane (C22)

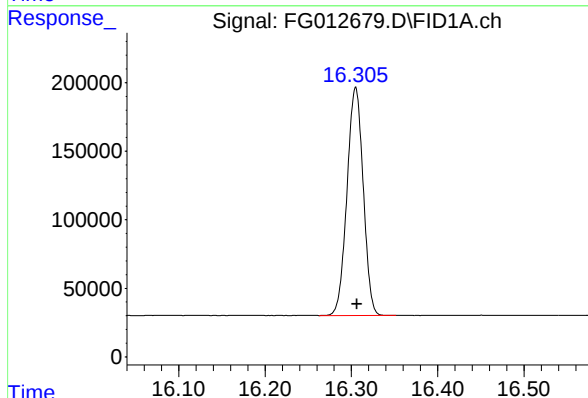
R.T.: 14.177 min
Delta R.T.: -0.001 min
Response: 2249186
Conc: 20.54 ug/ml

Instrument :
FID_G
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20 PPM ALIPHATIC HC STD



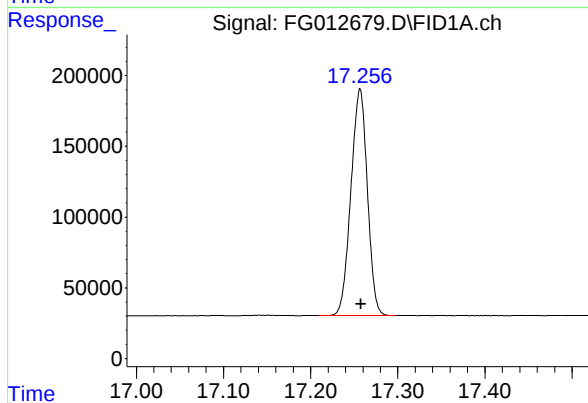
#14 n-Tetracosane (C24)

R.T.: 15.283 min
Delta R.T.: -0.001 min
Response: 2227937
Conc: 20.65 ug/ml



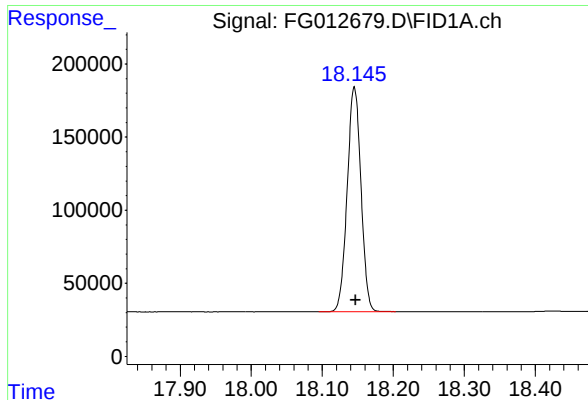
#15 n-Hexacosane (C26)

R.T.: 16.305 min
Delta R.T.: -0.001 min
Response: 2171699
Conc: 20.68 ug/ml



#16 n-Octacosane (C28)

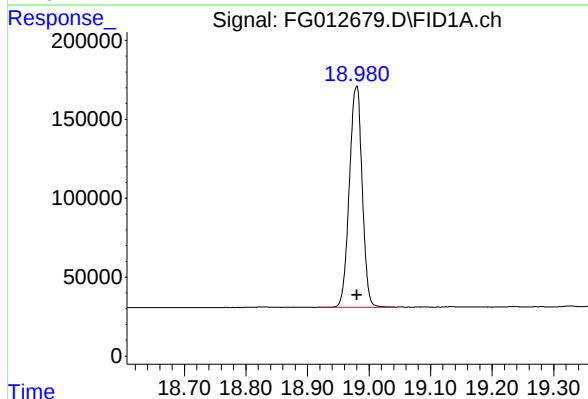
R.T.: 17.257 min
Delta R.T.: -0.001 min
Response: 2098610
Conc: 20.73 ug/ml



#17 n-Tricontane (C30)

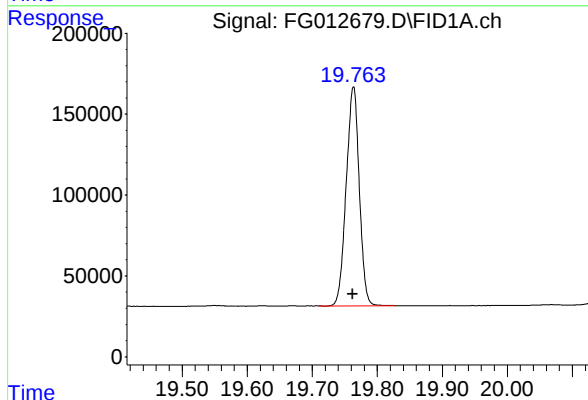
R.T.: 18.145 min
Delta R.T.: -0.002 min
Response: 2070360
Conc: 20.79 ug/ml

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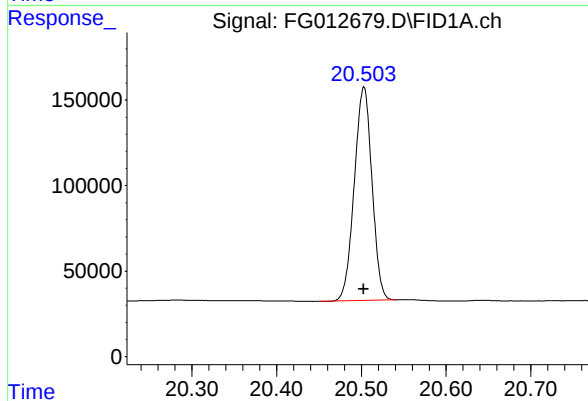
#18 n-Dotriacontane (C32)

R.T.: 18.980 min
Delta R.T.: 0.000 min
Response: 2026241
Conc: 20.50 ug/ml



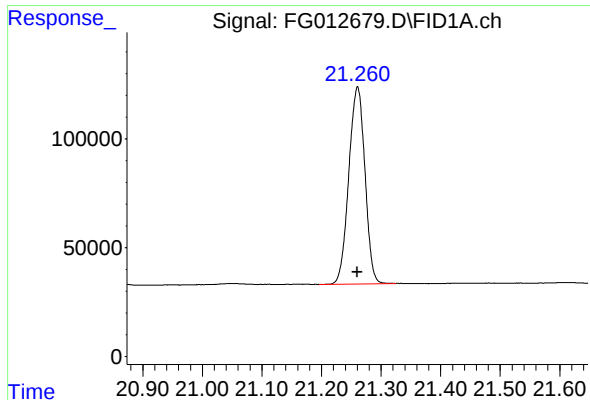
#19 n-Tetatriacontane (C34)

R.T.: 19.763 min
Delta R.T.: 0.001 min
Response: 1891506
Conc: 20.56 ug/ml



#20 n-Hexatriacontane (C36)

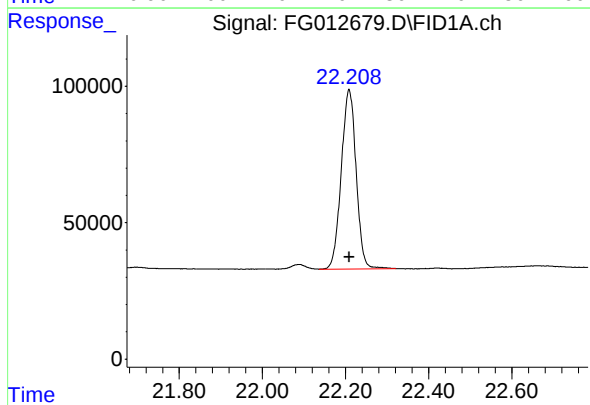
R.T.: 20.503 min
Delta R.T.: 0.000 min
Response: 1807493
Conc: 20.13 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.261 min
Delta R.T.: 0.000 min
Response: 1702976
Conc: 20.05 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.208 min
Delta R.T.: 0.000 min
Response: 1631562
Conc: 19.99 ug/ml