

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG081023AL\
 Data File : FG012676.D
 Signal(s) : FID1A.ch
 Acq On : 10 Aug 2023 19:40
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: Aug 10 23:14:06 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)	11.981	2678798	19.871 ug/ml
Spiked Amount 50.000		Recovery =	39.74%
12) S 1-chlorooctadecane (S...	13.422	2072601	19.871 ug/ml
Spiked Amount 50.000		Recovery =	39.74%
Target Compounds			
1) T n-Nonane (C9)	3.345	2085060	20.073 ug/ml
2) T n-Decane (C10)	4.597	2093854	19.962 ug/ml
3) T A~Naphthalene (C11.7)	6.303	2272926	19.934 ug/ml
4) T n-Dodecane (C12)	6.769	2127520	19.918 ug/ml
5) T A~2-methylnaphthalene...	7.401	2277846	19.893 ug/ml
6) T n-Tetradecane (C14)	8.601	2137062	19.890 ug/ml
7) T n-Hexadecane (C16)	10.214	2167983	19.927 ug/ml
8) T n-Octadecane (C18)	11.662	2198280	19.925 ug/ml
10) T n-Eicosane (C20)	12.976	2198624	19.925 ug/ml
11) T n-Heneicosane (C21)	13.590	2193981	19.879 ug/ml
13) T n-Docosane (C22)	14.177	2175877	19.875 ug/ml
14) T n-Tetracosane (C24)	15.283	2139730	19.830 ug/ml
15) T n-Hexacosane (C26)	16.307	2078458	19.790 ug/ml
16) T n-Octacosane (C28)	17.258	1999320	19.748 ug/ml
17) T n-Tricontane (C30)	18.147	1966419	19.742 ug/ml
18) T n-Dotriacontane (C32)	18.980	1954839	19.778 ug/ml
19) T n-Tetratriacontane (C34)	19.765	1826284	19.848 ug/ml
20) T n-Hexatriacontane (C36)	20.504	1794244	19.985 ug/ml
21) T n-Octatriacontane (C38)	21.262	1707123	20.103 ug/ml
22) T n-Tetracontane (C40)	22.211	1669084	20.446 ug/ml

(f)=RT Delta > 1/2 Window

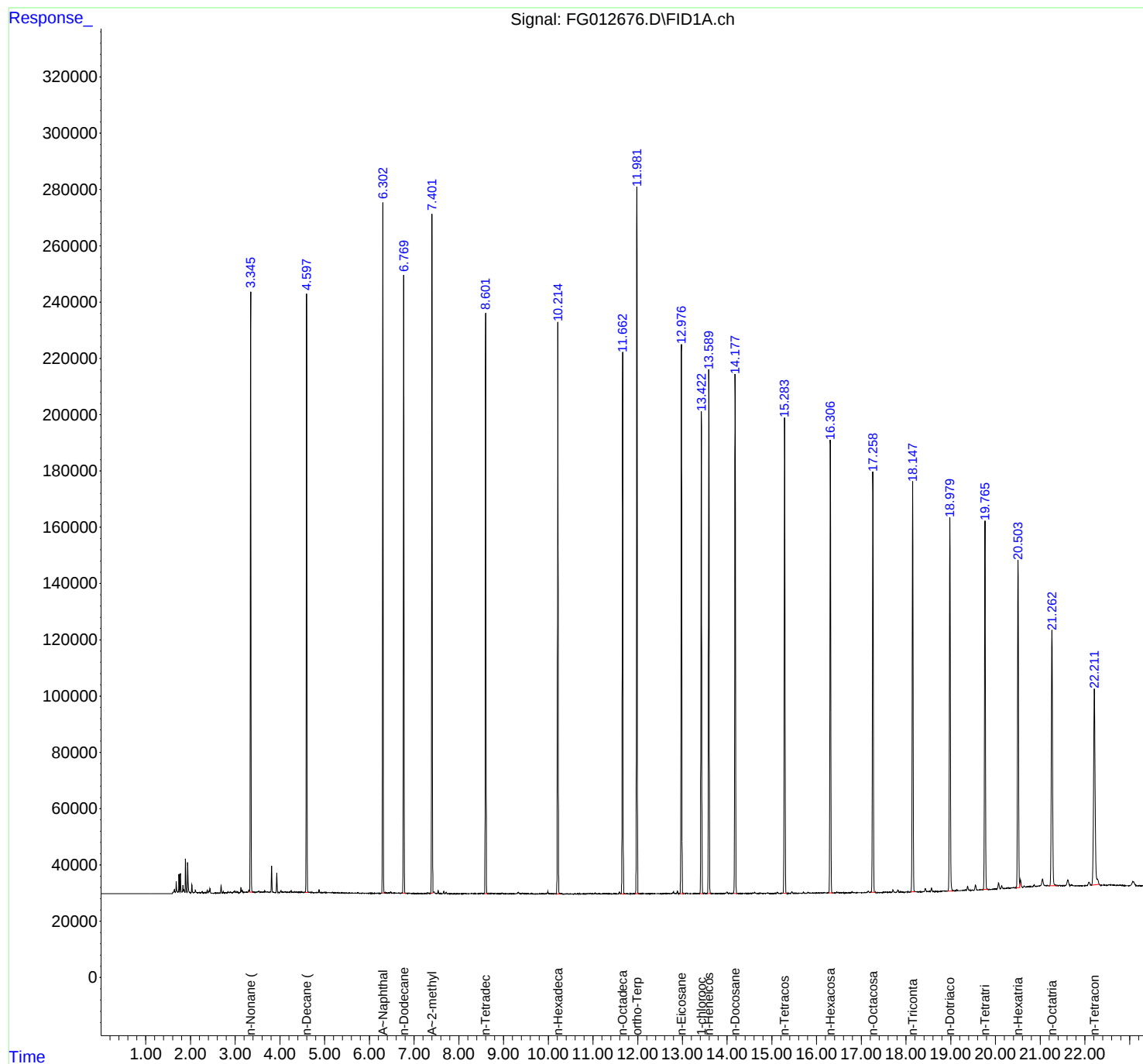
(m)=manual int.

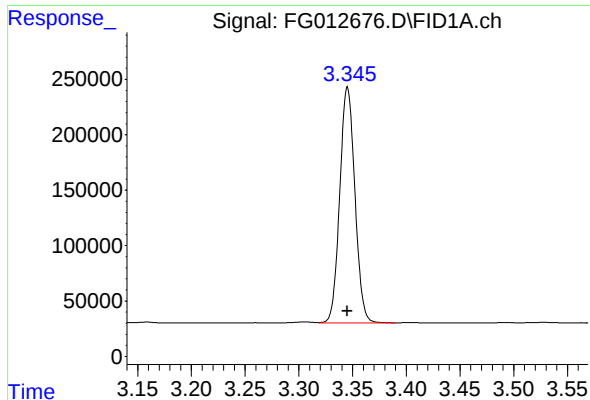
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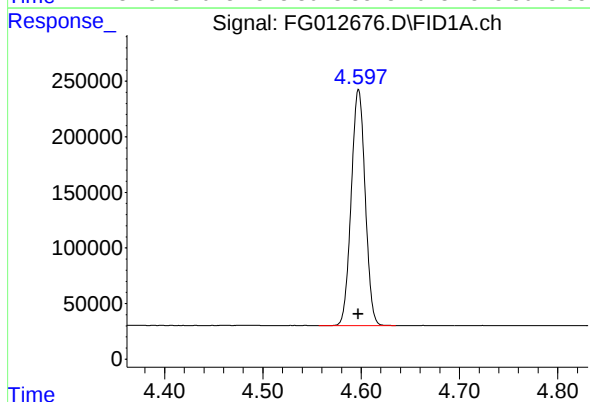




#1 n-Nonane (C9)

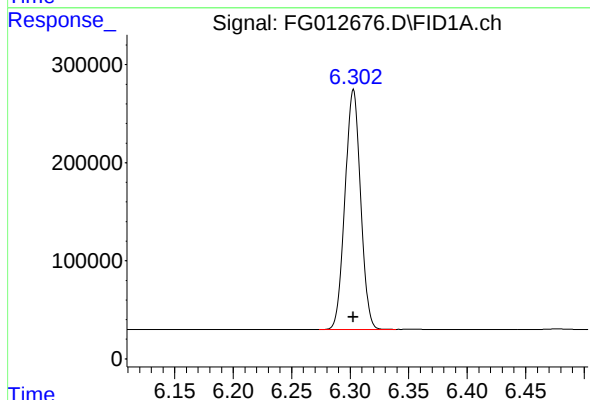
R.T.: 3.345 min
Delta R.T.: 0.000 min
Response: 2085060
Conc: 20.07 ug/ml

Instrument :
FID_G
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20 PPM ALIPHATIC HC STD



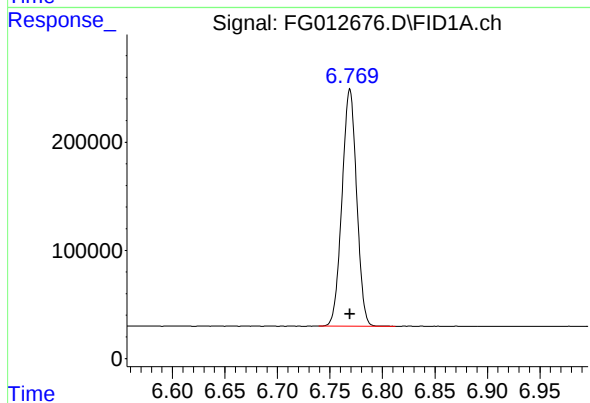
#2 n-Decane (C10)

R.T.: 4.597 min
Delta R.T.: 0.000 min
Response: 2093854
Conc: 19.96 ug/ml



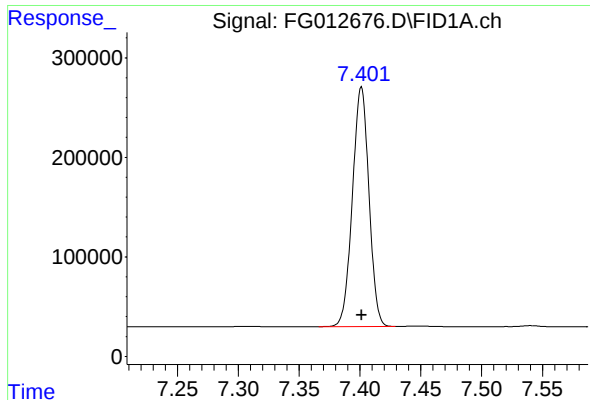
#3 A~Naphthalene (C11.7)

R.T.: 6.303 min
Delta R.T.: 0.000 min
Response: 2272926
Conc: 19.93 ug/ml



#4 n-Dodecane (C12)

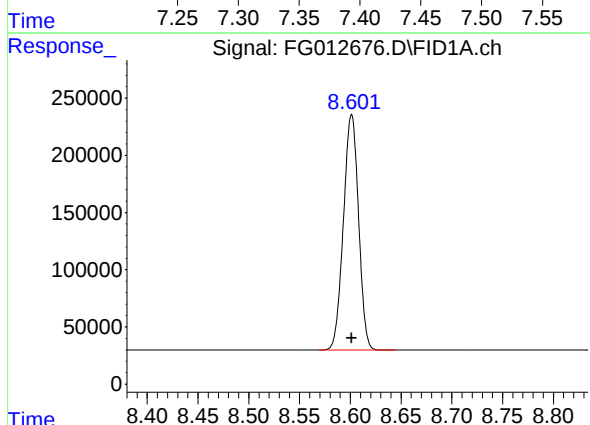
R.T.: 6.769 min
Delta R.T.: 0.000 min
Response: 2127520
Conc: 19.92 ug/ml



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

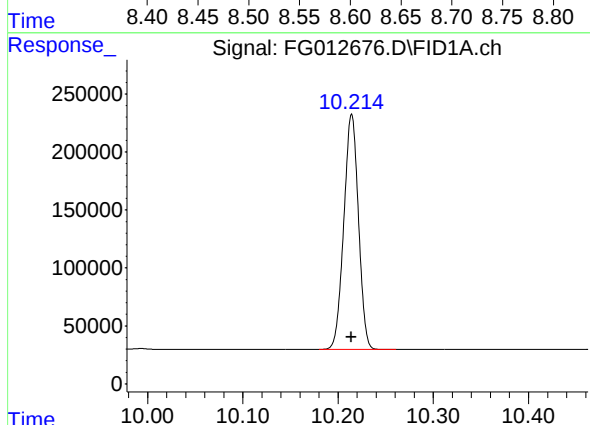
R.T.: 7.401 min
Delta R.T.: 0.000 min
Response: 2277846
Conc: 19.89 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



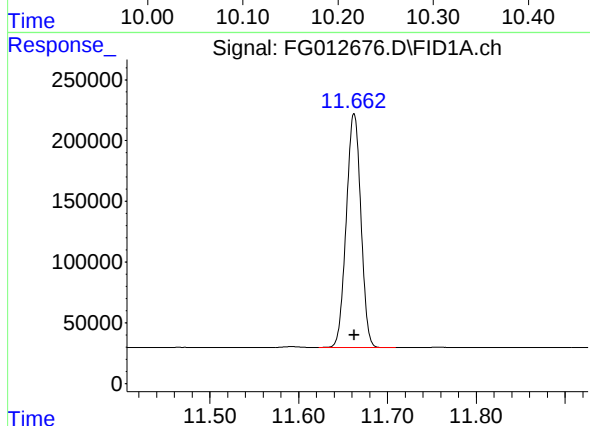
#6 n-Tetradecane (C14)

R.T.: 8.601 min
Delta R.T.: 0.000 min
Response: 2137062
Conc: 19.89 ug/ml



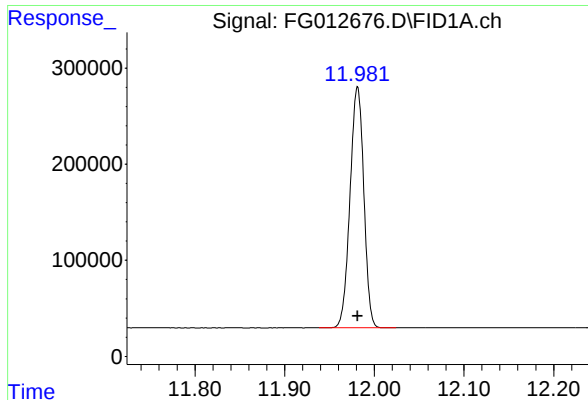
#7 n-Hexadecane (C16)

R.T.: 10.214 min
Delta R.T.: 0.000 min
Response: 2167983
Conc: 19.93 ug/ml



#8 n-Octadecane (C18)

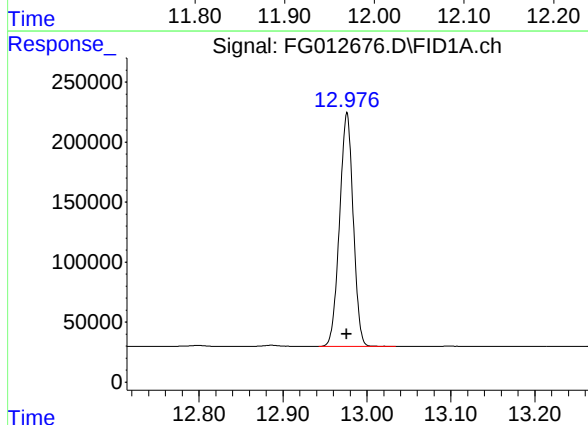
R.T.: 11.662 min
Delta R.T.: 0.000 min
Response: 2198280
Conc: 19.92 ug/ml



#9 ortho-Terphenyl (SURR)

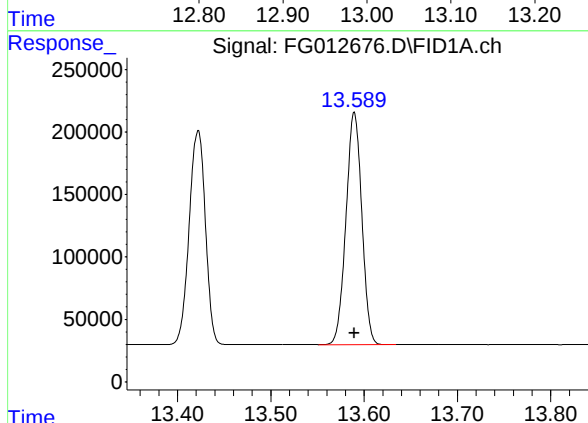
R.T.: 11.981 min
Delta R.T.: 0.000 min
Response: 2678798
Conc: 19.87 ug/ml

Instrument :
FID_G
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20 PPM ALIPHATIC HC STD



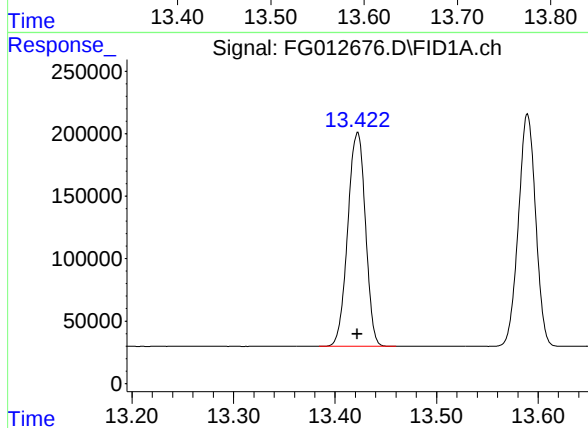
#10 n-Eicosane (C20)

R.T.: 12.976 min
Delta R.T.: 0.000 min
Response: 2198624
Conc: 19.92 ug/ml



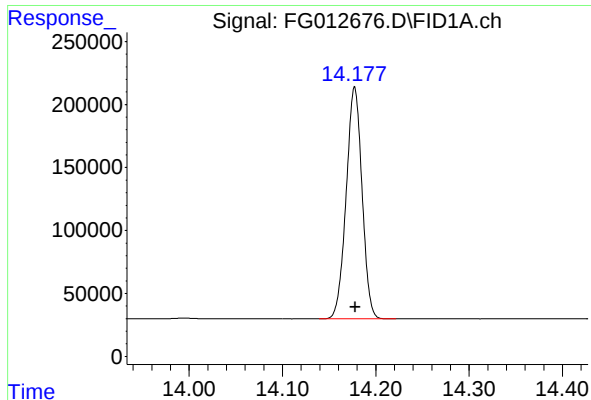
#11 n-Heneicosane (C21)

R.T.: 13.590 min
Delta R.T.: 0.000 min
Response: 2193981
Conc: 19.88 ug/ml



#12 1-chlorooctadecane (SURR)

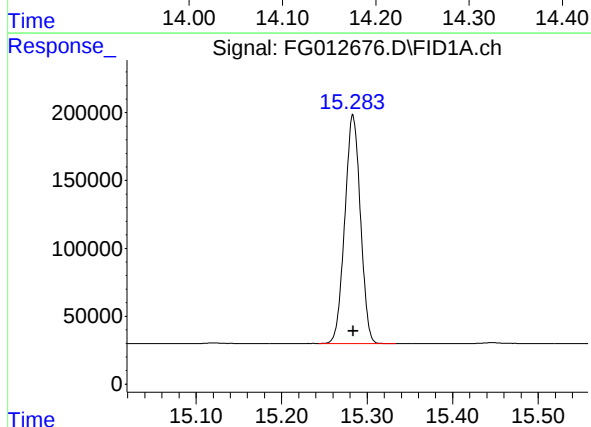
R.T.: 13.422 min
Delta R.T.: 0.000 min
Response: 2072601
Conc: 19.87 ug/ml



#13 n-Docosane (C22)

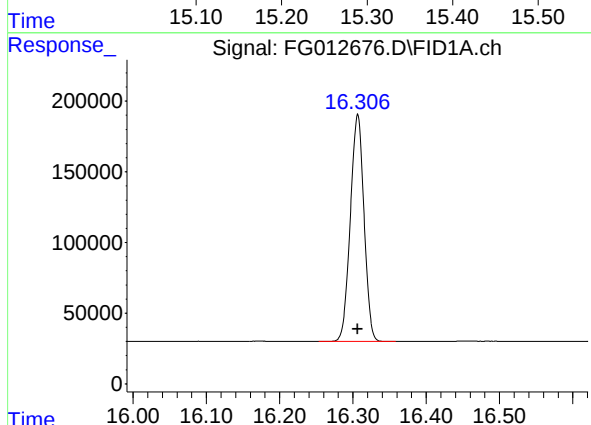
R.T.: 14.177 min
Delta R.T.: 0.000 min
Response: 2175877
Conc: 19.87 ug/ml

Instrument :
FID_G
ClientSampleId :
20 PPM ALIPHATIC HC STD



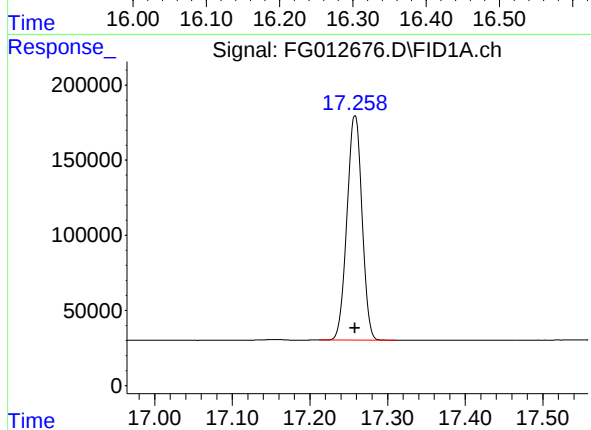
#14 n-Tetracosane (C24)

R.T.: 15.283 min
Delta R.T.: 0.000 min
Response: 2139730
Conc: 19.83 ug/ml



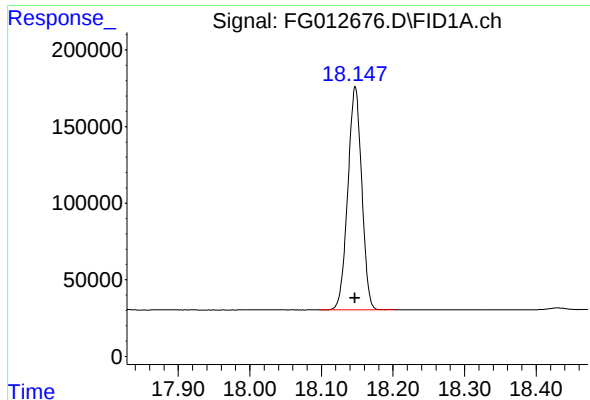
#15 n-Hexacosane (C26)

R.T.: 16.307 min
Delta R.T.: 0.000 min
Response: 2078458
Conc: 19.79 ug/ml



#16 n-Octacosane (C28)

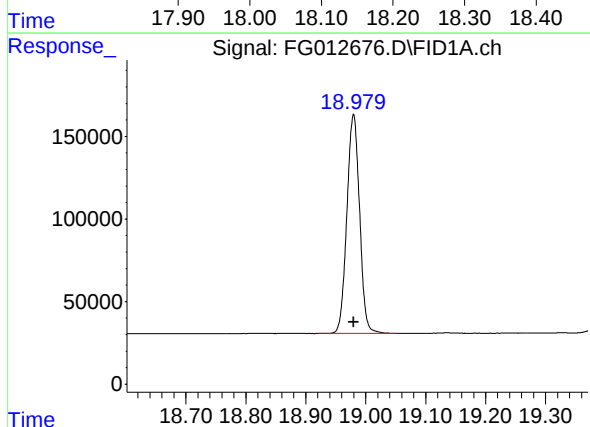
R.T.: 17.258 min
Delta R.T.: 0.000 min
Response: 1999320
Conc: 19.75 ug/ml



#17 n-Tricontane (C30)

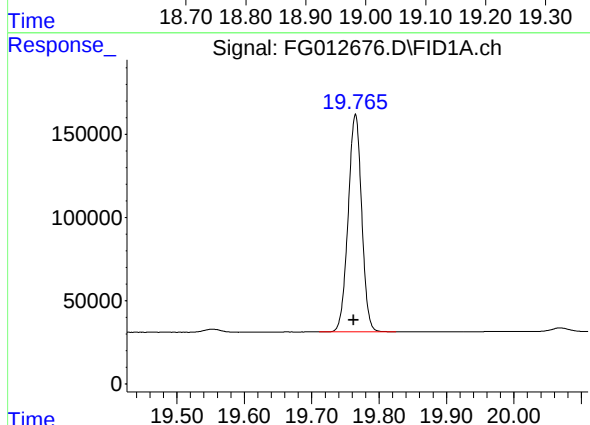
R.T.: 18.147 min
Delta R.T.: 0.000 min
Response: 1966419
Conc: 19.74 ug/ml

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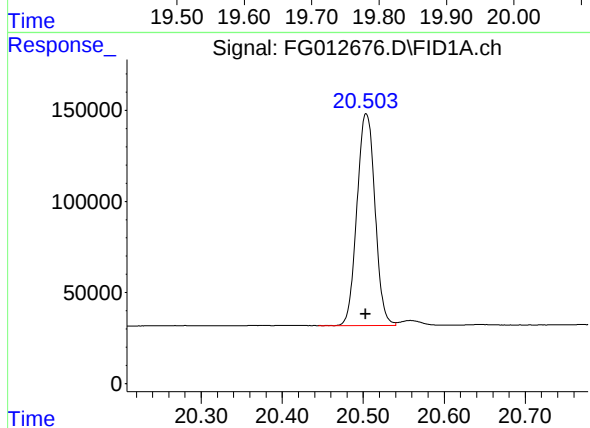
#18 n-Dotriacontane (C32)

R.T.: 18.980 min
Delta R.T.: 0.000 min
Response: 1954839
Conc: 19.78 ug/ml



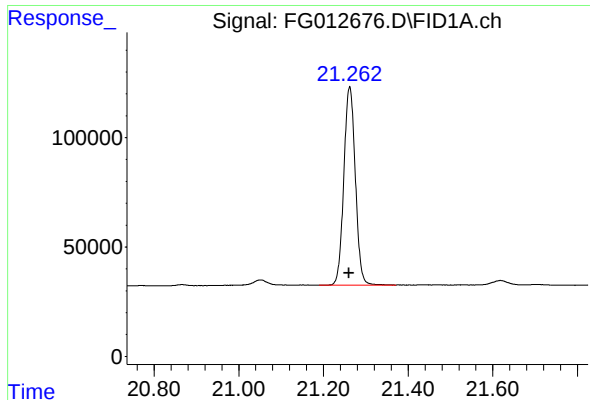
#19 n-Tetratriacontane (C34)

R.T.: 19.765 min
Delta R.T.: 0.003 min
Response: 1826284
Conc: 19.85 ug/ml



#20 n-Hexatriacontane (C36)

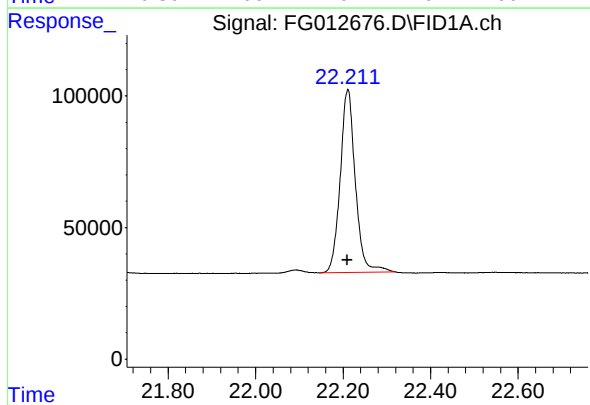
R.T.: 20.504 min
Delta R.T.: 0.000 min
Response: 1794244
Conc: 19.98 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.262 min
Delta R.T.: 0.002 min
Response: 1707123
Conc: 20.10 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.211 min
Delta R.T.: 0.002 min
Response: 1669084
Conc: 20.45 ug/ml