

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG082923AL\
 Data File : FG012818.D
 Signal(s) : FID1A.ch
 Acq On : 30 Aug 2023 08:46
 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 30 11:19:34 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)	11.983	2632264	19.525 ug/ml
Spiked Amount 50.000		Recovery =	39.05%
12) S 1-chlorooctadecane (S...	13.423	1989342	19.073 ug/ml
Spiked Amount 50.000		Recovery =	38.15%
Target Compounds			
1) T n-Nonane (C9)	3.344	2253328	21.693 ug/ml
2) T n-Decane (C10)	4.596	2282946	21.765 ug/ml
3) T A~Naphthalene (C11.7)	6.305	2444404	21.438 ug/ml
4) T n-Dodecane (C12)	6.769	2309317	21.620 ug/ml
5) T A~2-methylnaphthalene...	7.404	2391471	20.885 ug/ml
6) T n-Tetradecane (C14)	8.602	2290424	21.317 ug/ml
7) T n-Hexadecane (C16)	10.215	2326241	21.382 ug/ml
8) T n-Octadecane (C18)	11.664	2319195	21.021 ug/ml
10) T n-Eicosane (C20)	12.977	2231654	20.224 ug/ml
11) T n-Heneicosane (C21)	13.590	2191823	19.860 ug/ml
13) T n-Docosane (C22)	14.179	2154938	19.684 ug/ml
14) T n-Tetracosane (C24)	15.284	2107255	19.529 ug/ml
15) T n-Hexacosane (C26)	16.307	2010232	19.141 ug/ml
16) T n-Octacosane (C28)	17.259	1931864	19.082 ug/ml
17) T n-Tricontane (C30)	18.148	1920389	19.279 ug/ml
18) T n-Dotriacontane (C32)	18.981	1894241	19.165 ug/ml
19) T n-Tetratriacontane (C34)	19.765	1843013	20.030 ug/ml
20) T n-Hexatriacontane (C36)	20.506	1850950	20.616 ug/ml
21) T n-Octatriacontane (C38)	21.264	1870637	22.029 ug/ml
22) T n-Tetracontane (C40)	22.209	1935817	23.714 ug/ml

(f)=RT Delta > 1/2 Window

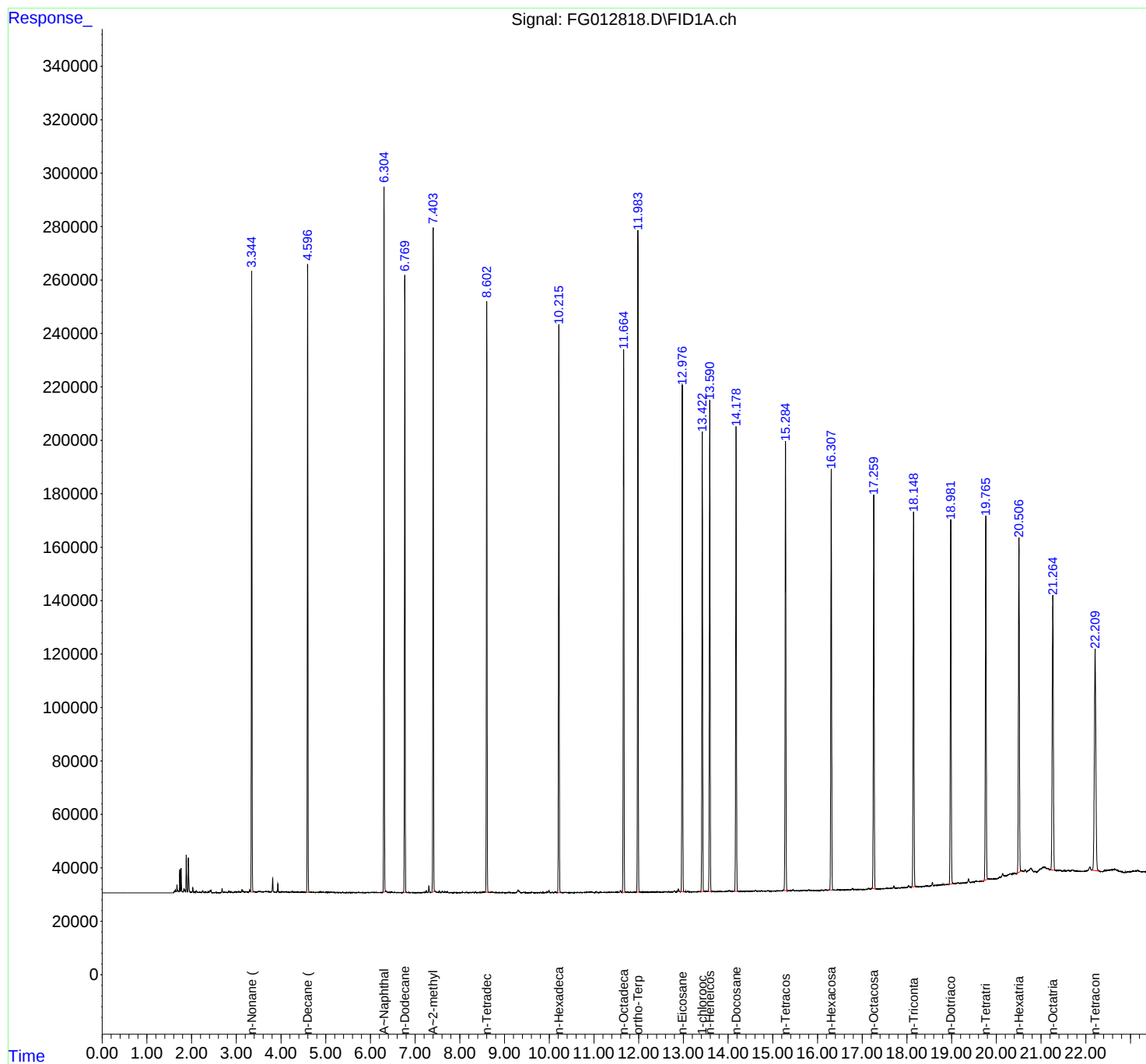
(m)=manual int.

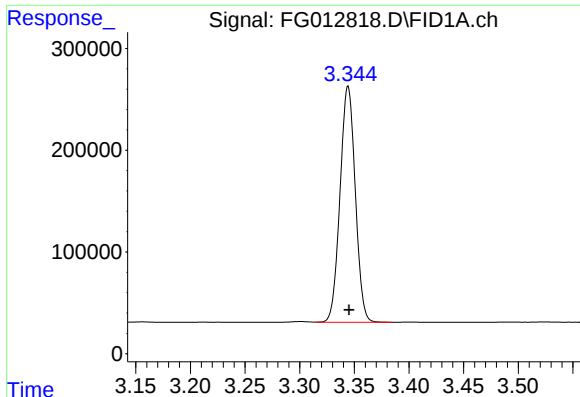
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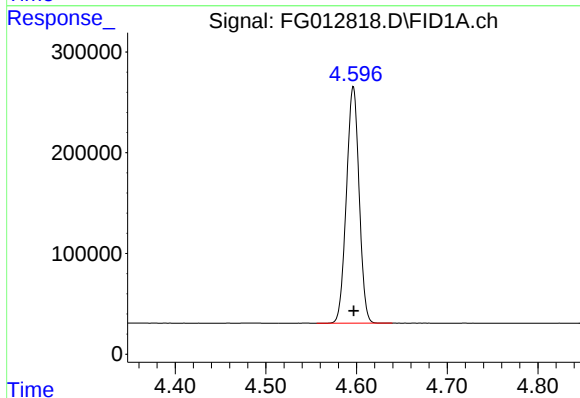




#1 n-Nonane (C9)

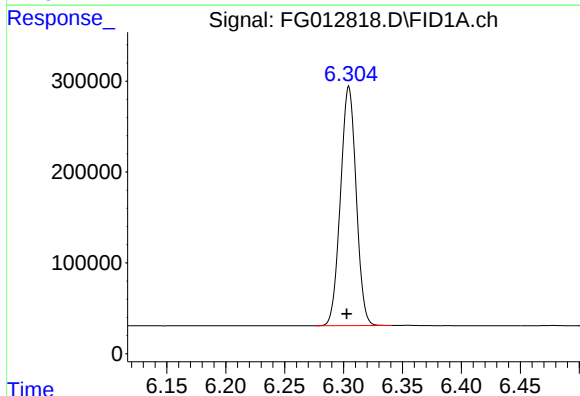
R.T.: 3.344 min
Delta R.T.: 0.000 min
Response: 2253328
Conc: 21.69 ug/ml

Instrument :
FID_G
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20 PPM ALIPHATIC HC STD



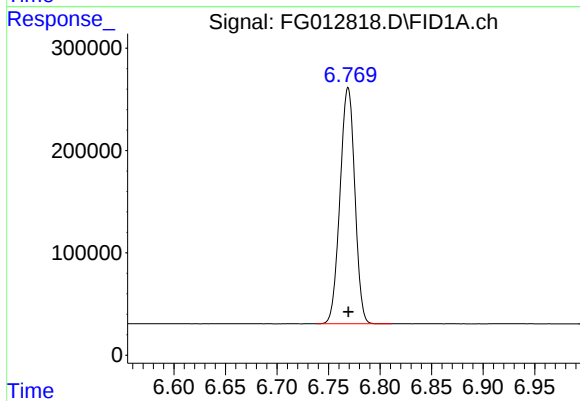
#2 n-Decane (C10)

R.T.: 4.596 min
Delta R.T.: 0.000 min
Response: 2282946
Conc: 21.76 ug/ml



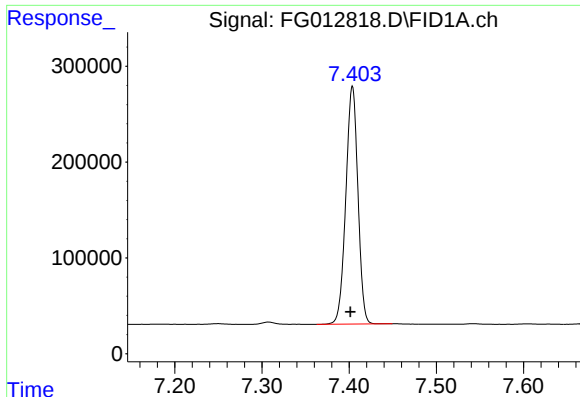
#3 A~Naphthalene (C11.7)

R.T.: 6.305 min
Delta R.T.: 0.002 min
Response: 2444404
Conc: 21.44 ug/ml



#4 n-Dodecane (C12)

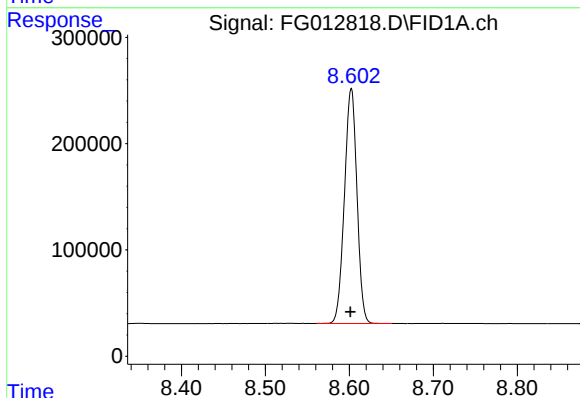
R.T.: 6.769 min
Delta R.T.: 0.000 min
Response: 2309317
Conc: 21.62 ug/ml



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

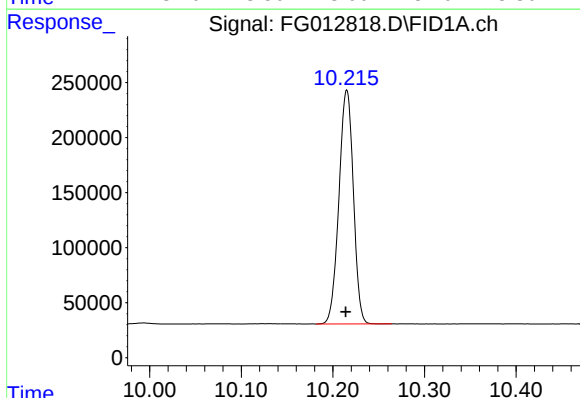
R.T.: 7.404 min
Delta R.T.: 0.002 min
Response: 2391471
Conc: 20.89 ug/ml

Instrument :
FID_G
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20 PPM ALIPHATIC HC STD



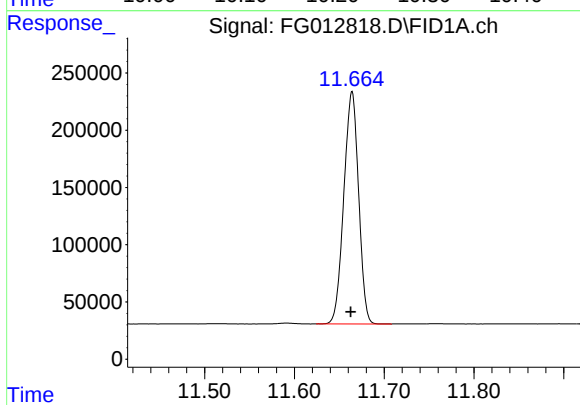
#6 n-Tetradecane (C14)

R.T.: 8.602 min
Delta R.T.: 0.001 min
Response: 2290424
Conc: 21.32 ug/ml



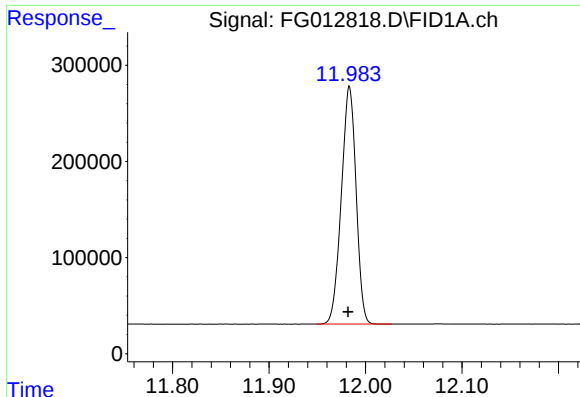
#7 n-Hexadecane (C16)

R.T.: 10.215 min
Delta R.T.: 0.001 min
Response: 2326241
Conc: 21.38 ug/ml



#8 n-Octadecane (C18)

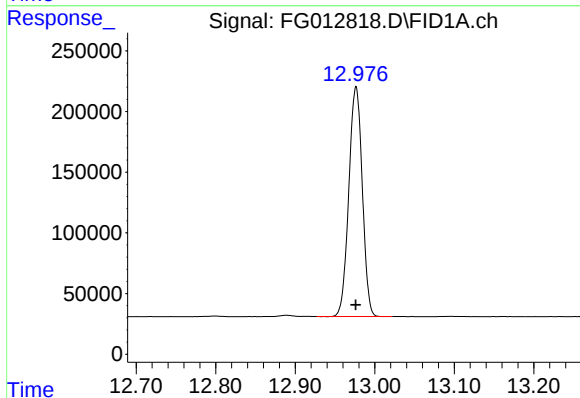
R.T.: 11.664 min
Delta R.T.: 0.002 min
Response: 2319195
Conc: 21.02 ug/ml



#9 ortho-Terphenyl (SURR)

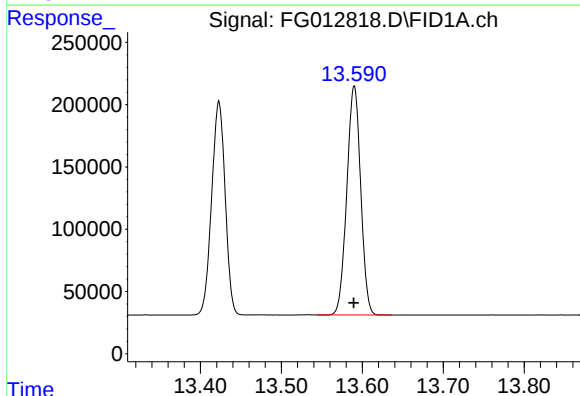
R.T.: 11.983 min
Delta R.T.: 0.002 min
Response: 2632264
Conc: 19.53 ug/ml

Instrument :
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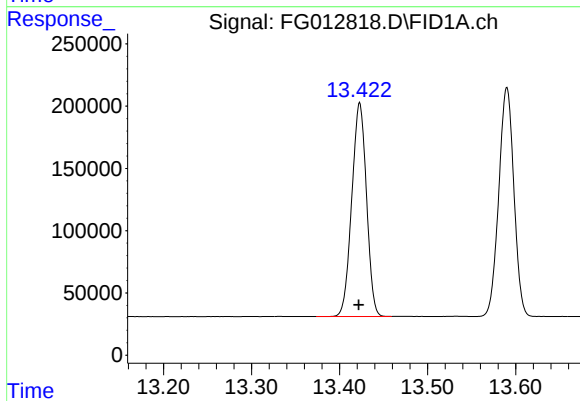
#10 n-Eicosane (C20)

R.T.: 12.977 min
Delta R.T.: 0.000 min
Response: 2231654
Conc: 20.22 ug/ml



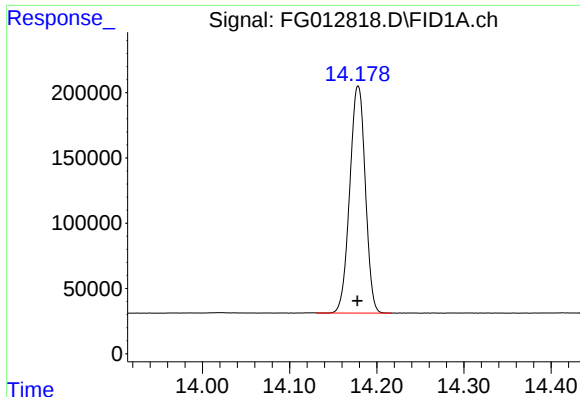
#11 n-Heneicosane (C21)

R.T.: 13.590 min
Delta R.T.: 0.000 min
Response: 2191823
Conc: 19.86 ug/ml



#12 1-chlorooctadecane (SURR)

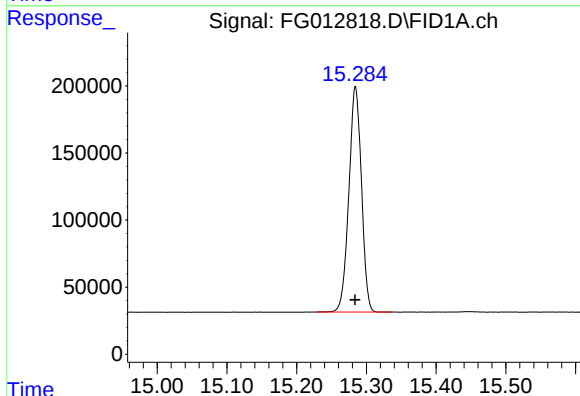
R.T.: 13.423 min
Delta R.T.: 0.000 min
Response: 1989342
Conc: 19.07 ug/ml



#13 n-Docosane (C22)

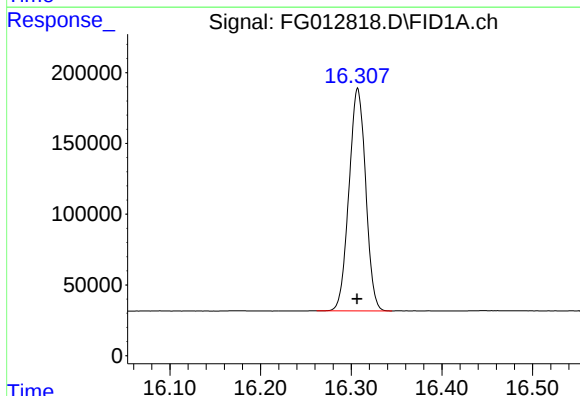
R.T.: 14.179 min
Delta R.T.: 0.000 min
Response: 2154938
Conc: 19.68 ug/ml

Instrument :
FID_G
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20 PPM ALIPHATIC HC STD



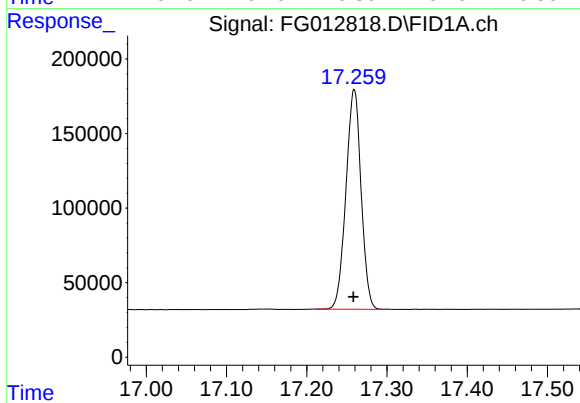
#14 n-Tetracosane (C24)

R.T.: 15.284 min
Delta R.T.: 0.000 min
Response: 2107255
Conc: 19.53 ug/ml



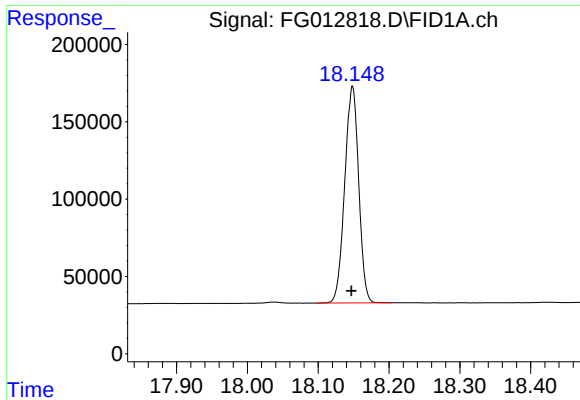
#15 n-Hexacosane (C26)

R.T.: 16.307 min
Delta R.T.: 0.000 min
Response: 2010232
Conc: 19.14 ug/ml



#16 n-Octacosane (C28)

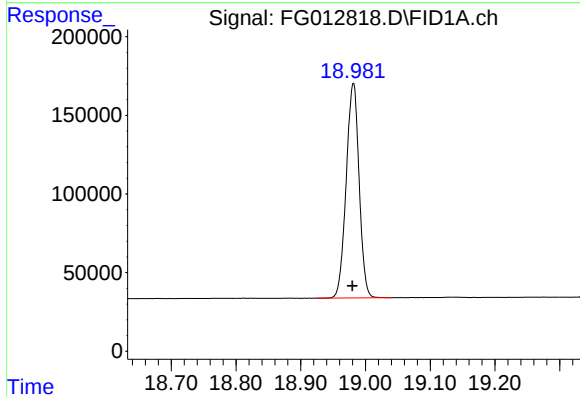
R.T.: 17.259 min
Delta R.T.: 0.001 min
Response: 1931864
Conc: 19.08 ug/ml



#17 n-Tricontane (C30)

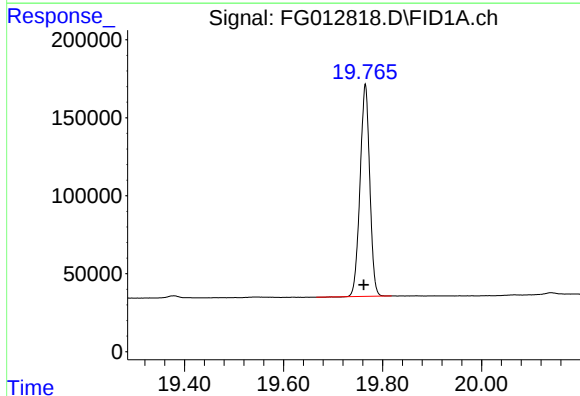
R.T.: 18.148 min
Delta R.T.: 0.001 min
Response: 1920389
Conc: 19.28 ug/ml

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20 PPM ALIPHATIC HC STD



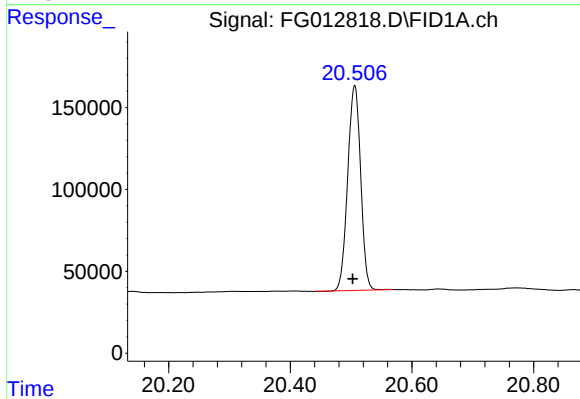
#18 n-Dotriacontane (C32)

R.T.: 18.981 min
Delta R.T.: 0.001 min
Response: 1894241
Conc: 19.16 ug/ml



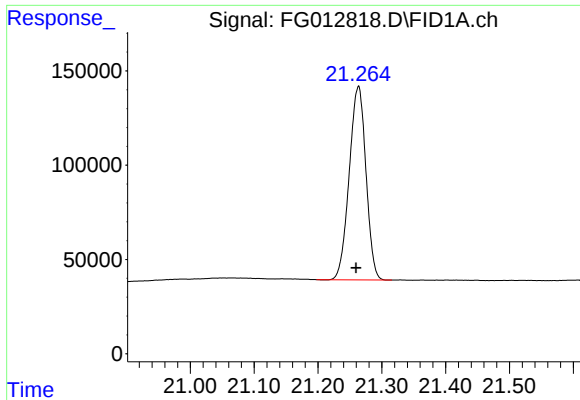
#19 n-Tetratriacontane (C34)

R.T.: 19.765 min
Delta R.T.: 0.003 min
Response: 1843013
Conc: 20.03 ug/ml



#20 n-Hexatriacontane (C36)

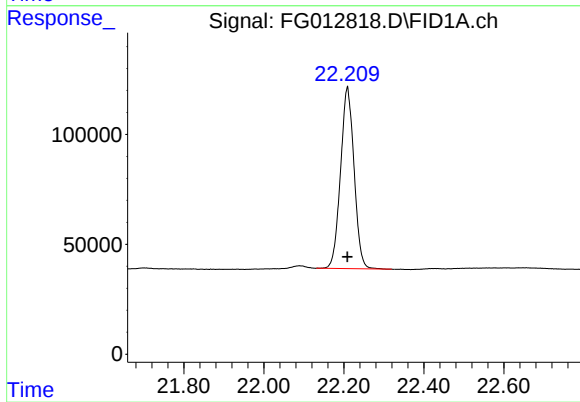
R.T.: 20.506 min
Delta R.T.: 0.003 min
Response: 1850950
Conc: 20.62 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.264 min
Delta R.T.: 0.004 min
Response: 1870637
Conc: 22.03 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.209 min
Delta R.T.: 0.000 min
Response: 1935817
Conc: 23.71 ug/ml