

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG080524AL\
 Data File : FG014055.D
 Signal(s) : FID1A.ch
 Acq On : 05 Aug 2024 09:25
 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 06 04:45:48 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)	11.842	2848051	20.980 ug/ml
Spiked Amount 50.000		Recovery =	41.96%
12) S 1-chlorooctadecane (S...	13.288	2124668	21.024 ug/ml
Spiked Amount 50.000		Recovery =	42.05%
Target Compounds			
1) T n-Nonane (C9)	3.217	2712991	20.817 ug/ml
2) T n-Decane (C10)	4.468	2769389	20.856 ug/ml
3) T A~Naphthalene (C11.7)	6.171	2886170	20.958 ug/ml
4) T n-Dodecane (C12)	6.640	2775128	20.935 ug/ml
5) T A~2-methylnaphthalene...	7.269	2731422	20.969 ug/ml
6) T n-Tetradecane (C14)	8.472	2731622	21.054 ug/ml
7) T n-Hexadecane (C16)	10.083	2779659	21.122 ug/ml
8) T n-Octadecane (C18)	11.530	2775006	21.165 ug/ml
10) T n-Eicosane (C20)	12.843	2628607	21.185 ug/ml
11) T n-Heneicosane (C21)	13.457	2567702	21.162 ug/ml
13) T n-Docosane (C22)	14.044	2538134	21.147 ug/ml
14) T n-Tetracosane (C24)	15.151	2499843	21.087 ug/ml
15) T n-Hexacosane (C26)	16.176	2445399	21.028 ug/ml
16) T n-Octacosane (C28)	17.128	2386167	20.942 ug/ml
17) T n-Tricontane (C30)	18.018	2420045	20.885 ug/ml
18) T n-Dotriacontane (C32)	18.853	2373483	20.724 ug/ml
19) T n-Tetratriacontane (C34)	19.639	2287522	20.159 ug/ml
20) T n-Hexatriacontane (C36)	20.380	2248645	20.084 ug/ml
21) T n-Octatriacontane (C38)	21.114	2193784	18.958 ug/ml
22) T n-Tetracontane (C40)	22.015	2281574	19.609 ug/ml

(f)=RT Delta > 1/2 Window

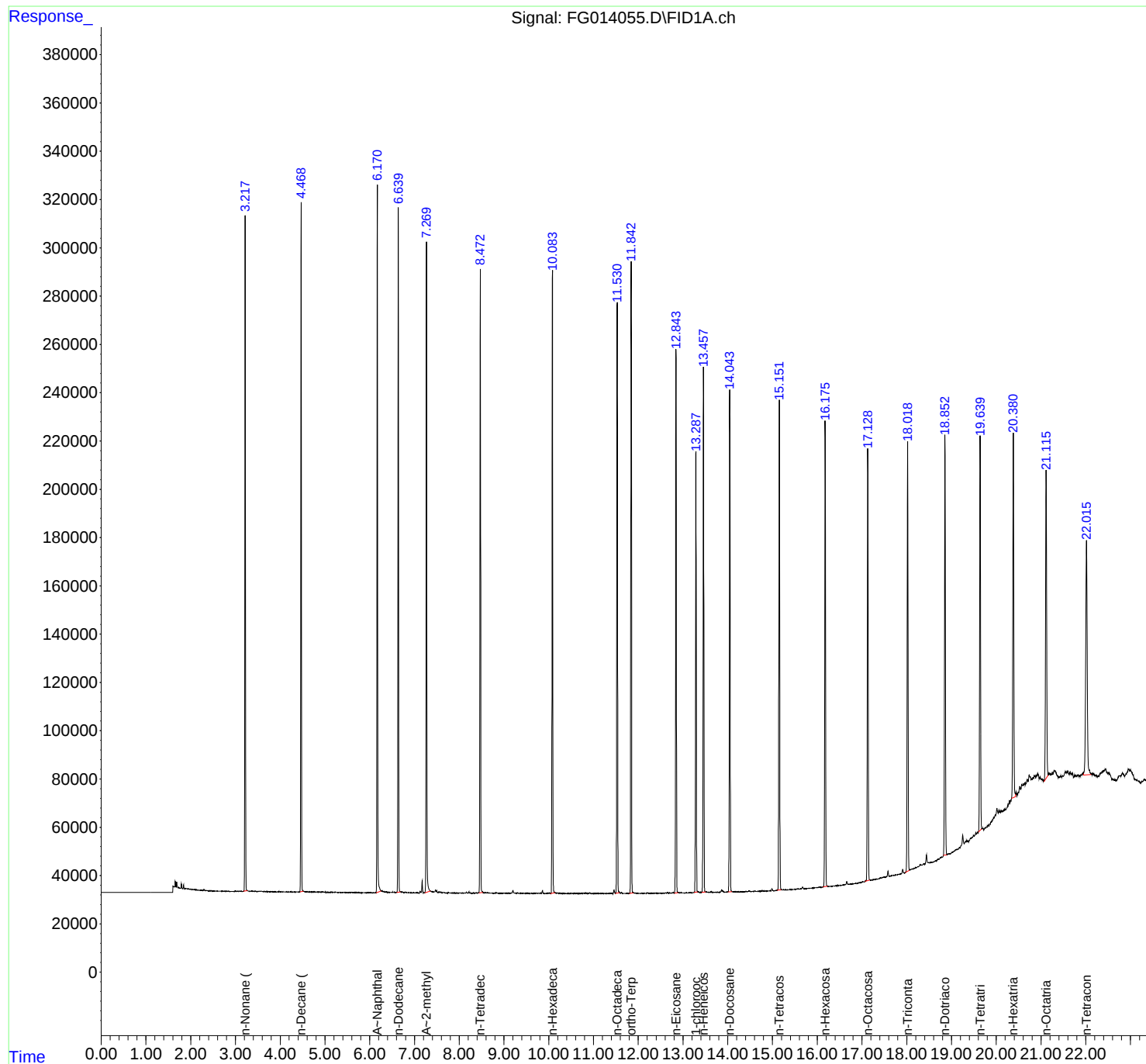
(m)=manual int.

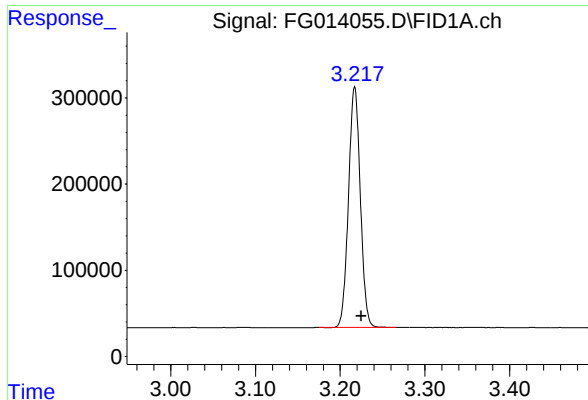
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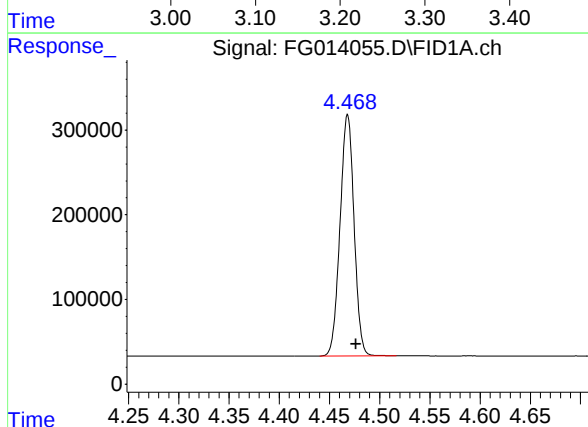




#1 n-Nonane (C9)

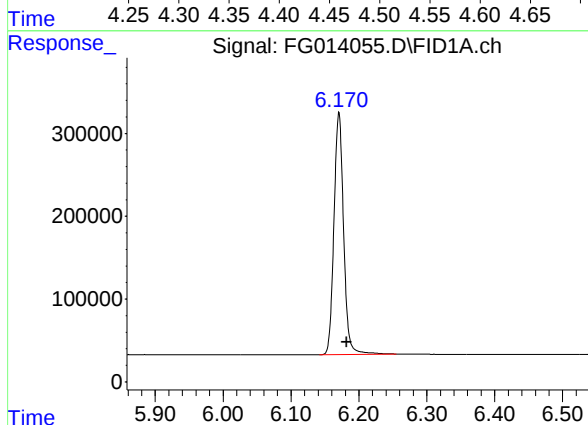
R.T.: 3.217 min
Delta R.T.: -0.008 min
Response: 2712991
Conc: 20.82 ug/ml

Instrument :
FID_G
ClientSampleId :
20 PPM ALIPHATIC HC STD



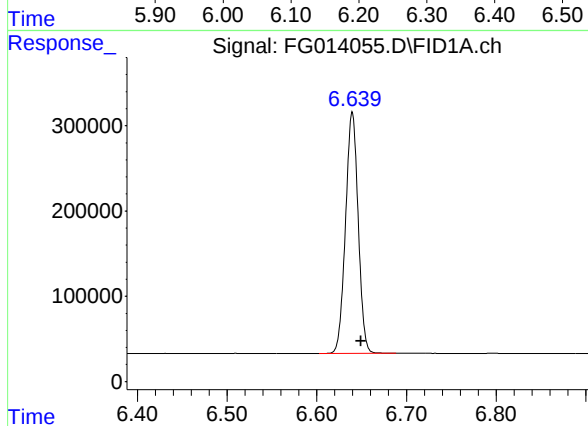
#2 n-Decane (C10)

R.T.: 4.468 min
Delta R.T.: -0.008 min
Response: 2769389
Conc: 20.86 ug/ml



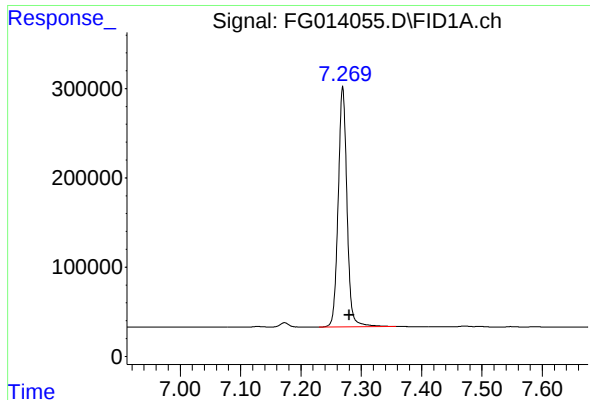
#3 A~Naphthalene (C11.7)

R.T.: 6.171 min
Delta R.T.: -0.011 min
Response: 2886170
Conc: 20.96 ug/ml



#4 n-Dodecane (C12)

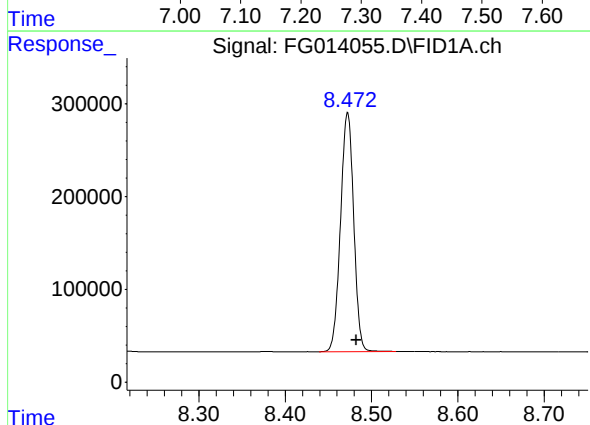
R.T.: 6.640 min
Delta R.T.: -0.010 min
Response: 2775128
Conc: 20.94 ug/ml



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

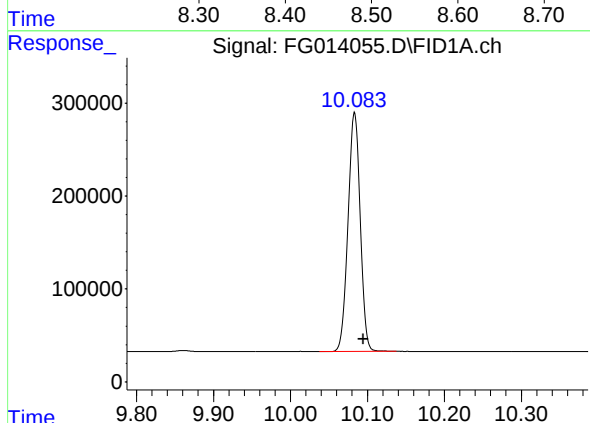
R.T.: 7.269 min
Delta R.T.: -0.011 min
Response: 2731422
Conc: 20.97 ug/ml

Instrument :
FID_G
ClientSampleId :
20 PPM ALIPHATIC HC STD



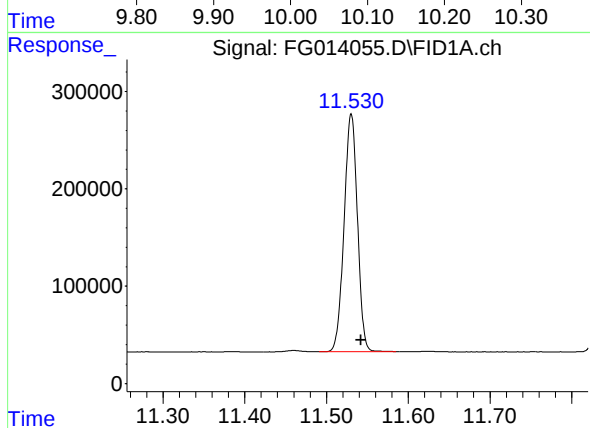
#6 n-Tetradecane (C14)

R.T.: 8.472 min
Delta R.T.: -0.010 min
Response: 2731622
Conc: 21.05 ug/ml



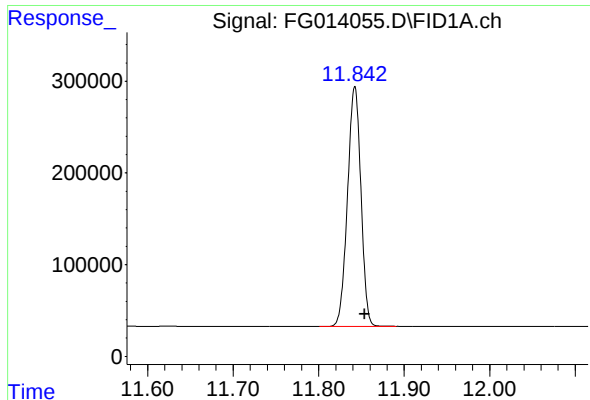
#7 n-Hexadecane (C16)

R.T.: 10.083 min
Delta R.T.: -0.011 min
Response: 2779659
Conc: 21.12 ug/ml



#8 n-Octadecane (C18)

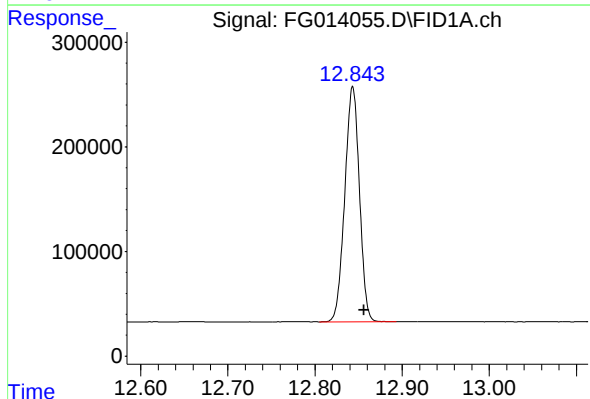
R.T.: 11.530 min
Delta R.T.: -0.012 min
Response: 2775006
Conc: 21.17 ug/ml



#9 ortho-Terphenyl (SURR)

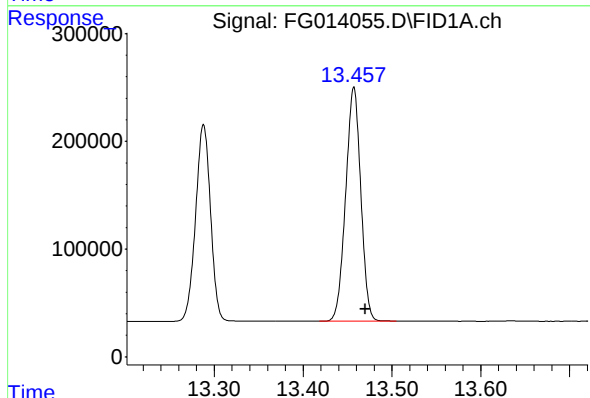
R.T.: 11.842 min
Delta R.T.: -0.011 min
Response: 2848051
Conc: 20.98 ug/ml

Instrument :
FID_G
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20 PPM ALIPHATIC HC STD



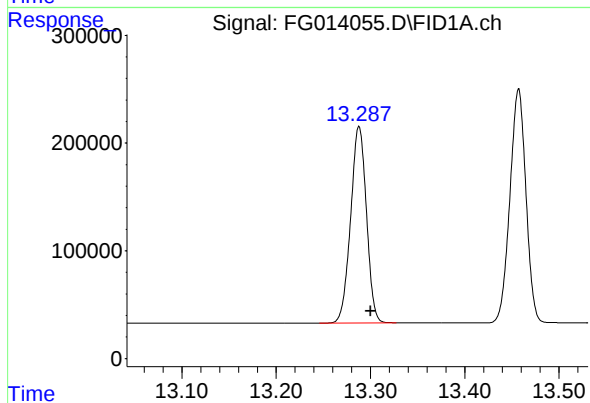
#10 n-Eicosane (C20)

R.T.: 12.843 min
Delta R.T.: -0.013 min
Response: 2628607
Conc: 21.18 ug/ml



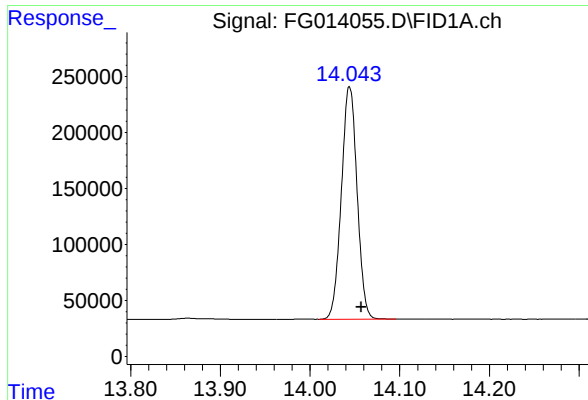
#11 n-Heneicosane (C21)

R.T.: 13.457 min
Delta R.T.: -0.013 min
Response: 2567702
Conc: 21.16 ug/ml



#12 1-chlorooctadecane (SURR)

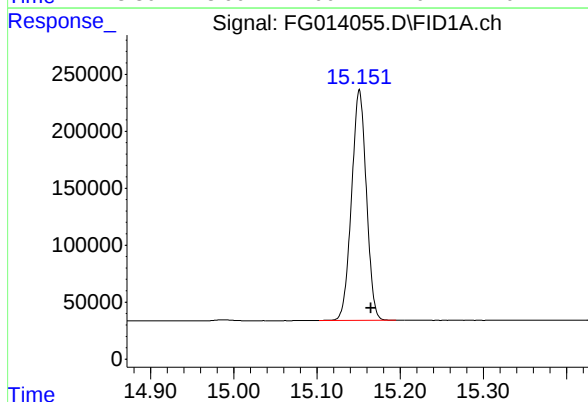
R.T.: 13.288 min
Delta R.T.: -0.012 min
Response: 2124668
Conc: 21.02 ug/ml



#13 n-Docosane (C22)

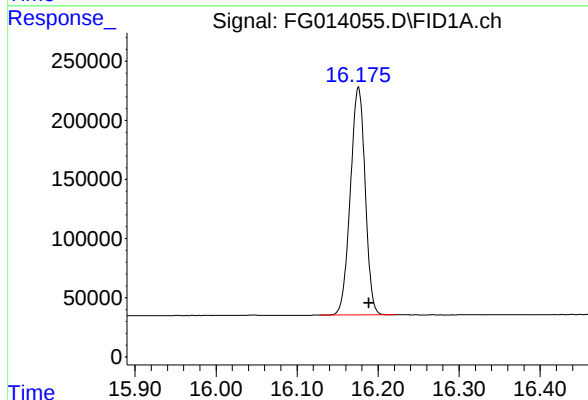
R.T.: 14.044 min
Delta R.T.: -0.013 min
Response: 2538134
Conc: 21.15 ug/ml

Instrument :
FID_G
ClientSampleId :
20 PPM ALIPHATIC HC STD



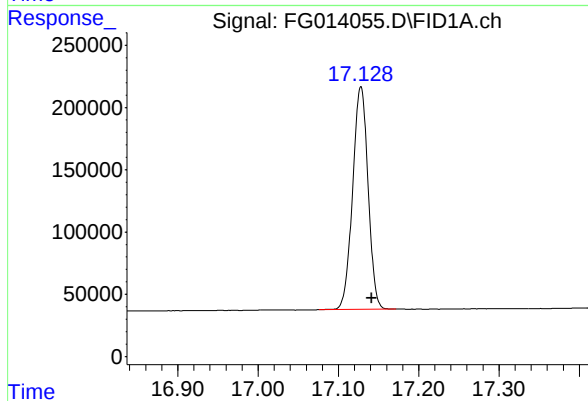
#14 n-Tetracosane (C24)

R.T.: 15.151 min
Delta R.T.: -0.014 min
Response: 2499843
Conc: 21.09 ug/ml



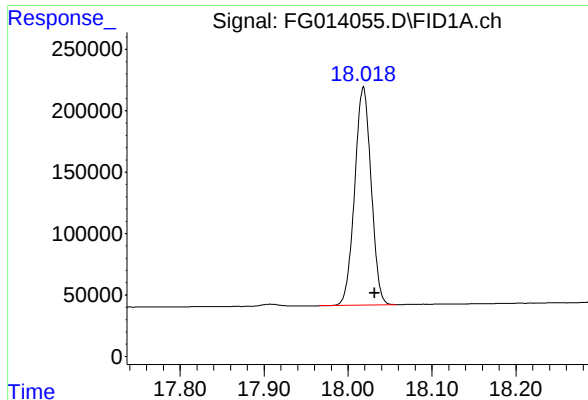
#15 n-Hexacosane (C26)

R.T.: 16.176 min
Delta R.T.: -0.013 min
Response: 2445399
Conc: 21.03 ug/ml



#16 n-Octacosane (C28)

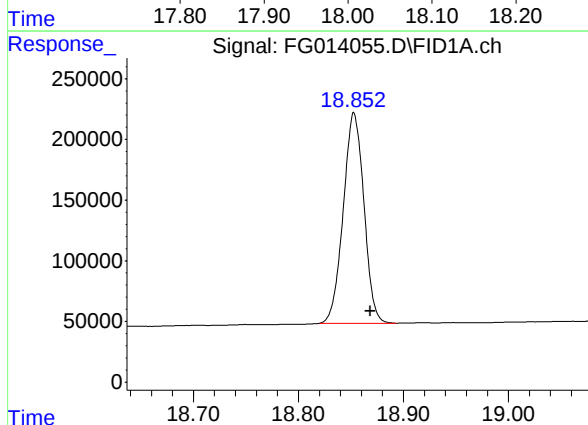
R.T.: 17.128 min
Delta R.T.: -0.013 min
Response: 2386167
Conc: 20.94 ug/ml



#17 n-Tricontane (C30)

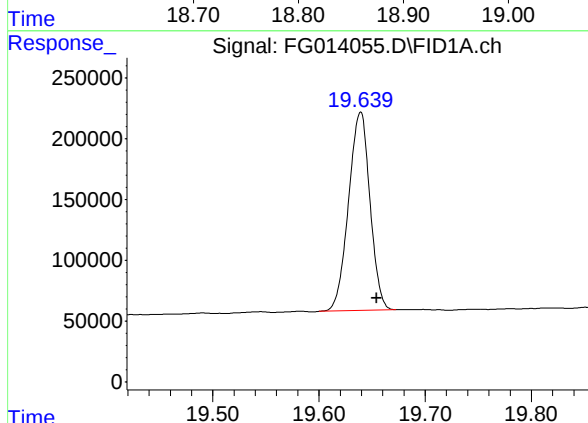
R.T.: 18.018 min
Delta R.T.: -0.014 min
Response: 2420045
Conc: 20.88 ug/ml

Instrument :
FID_G
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20 PPM ALIPHATIC HC STD



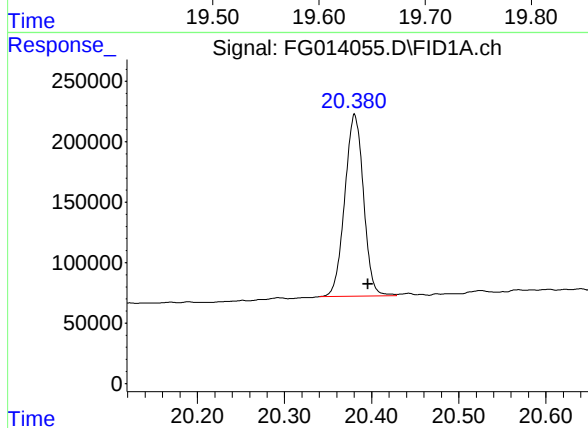
#18 n-Dotriacontane (C32)

R.T.: 18.853 min
Delta R.T.: -0.016 min
Response: 2373483
Conc: 20.72 ug/ml



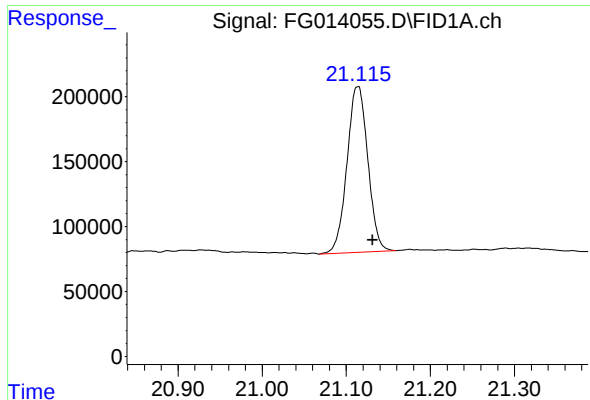
#19 n-Tetatriacontane (C34)

R.T.: 19.639 min
Delta R.T.: -0.015 min
Response: 2287522
Conc: 20.16 ug/ml



#20 n-Hexatriacontane (C36)

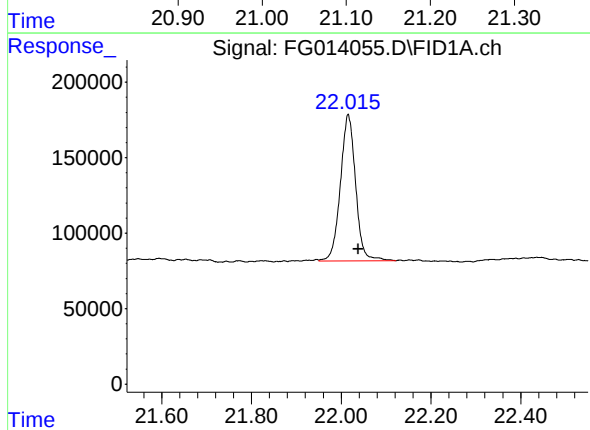
R.T.: 20.380 min
Delta R.T.: -0.016 min
Response: 2248645
Conc: 20.08 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.114 min
Delta R.T.: -0.017 min
Response: 2193784
Conc: 18.96 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.015 min
Delta R.T.: -0.023 min
Response: 2281574
Conc: 19.61 ug/ml