

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC032420AL\
 Data File : FC046472.D
 Signal(s) : FID1A.CH
 Acq On : 24 Mar 2020 11:22
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: Mar 25 00:52:26 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 032320.M
 Quant Title : GC Extractables
 QLast Update : Tue Mar 24 12:45:07 2020
 Response via : Initial Calibration
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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)	11.755	2353694	21.632 ug/ml
Spiked Amount 50.000		Recovery =	43.26%
12) S 1-chlorooctadecane (S...	13.171	1849607	21.463 ug/ml
Spiked Amount 50.000		Recovery =	42.93%
Target Compounds			
1) T n-Nonane (C9)	3.539	2109344	22.178 ug/ml
2) T n-Decane (C10)	4.607	2124770	22.281 ug/ml
3) T A~Naphthalene (C11.7)	6.206	2227033	22.381 ug/ml
4) T n-Dodecane (C12)	6.615	2165138	22.334 ug/ml
5) T A~2-methylnaphthalene...	7.256	2262474	22.466 ug/ml
6) T n-Tetradecane (C14)	8.398	2170277	22.254 ug/ml
7) T n-Hexadecane (C16)	9.989	2189331	22.179 ug/ml
8) T n-Octadecane (C18)	11.423	2211101	21.845 ug/ml
10) T n-Eicosane (C20)	12.726	2202016	21.540 ug/ml
11) T n-Heneicosane (C21)	13.334	2217092	21.503 ug/ml
13) T n-Docosane (C22)	13.918	2195424	21.387 ug/ml
14) T n-Tetracosane (C24)	15.016	2187323	21.190 ug/ml
15) T n-Hexacosane (C26)	16.031	2139936	20.857 ug/ml
16) T n-Octacosane (C28)	16.977	2081677	20.454 ug/ml
17) T n-Tricontane (C30)	17.859	1965448	20.061 ug/ml
18) T n-Dotriacontane (C32)	18.688	1634716	19.498 ug/ml
19) T n-Tetratriacontane (C34)	19.465	1390200	19.404 ug/ml
20) T n-Hexatriacontane (C36)	20.201	1294212	18.474 ug/ml
21) T n-Octatriacontane (C38)	20.963	1228867	19.474 ug/ml
22) T n-Tetracontane (C40)	21.920	1257794	18.177 ug/ml

(f)=RT Delta > 1/2 Window

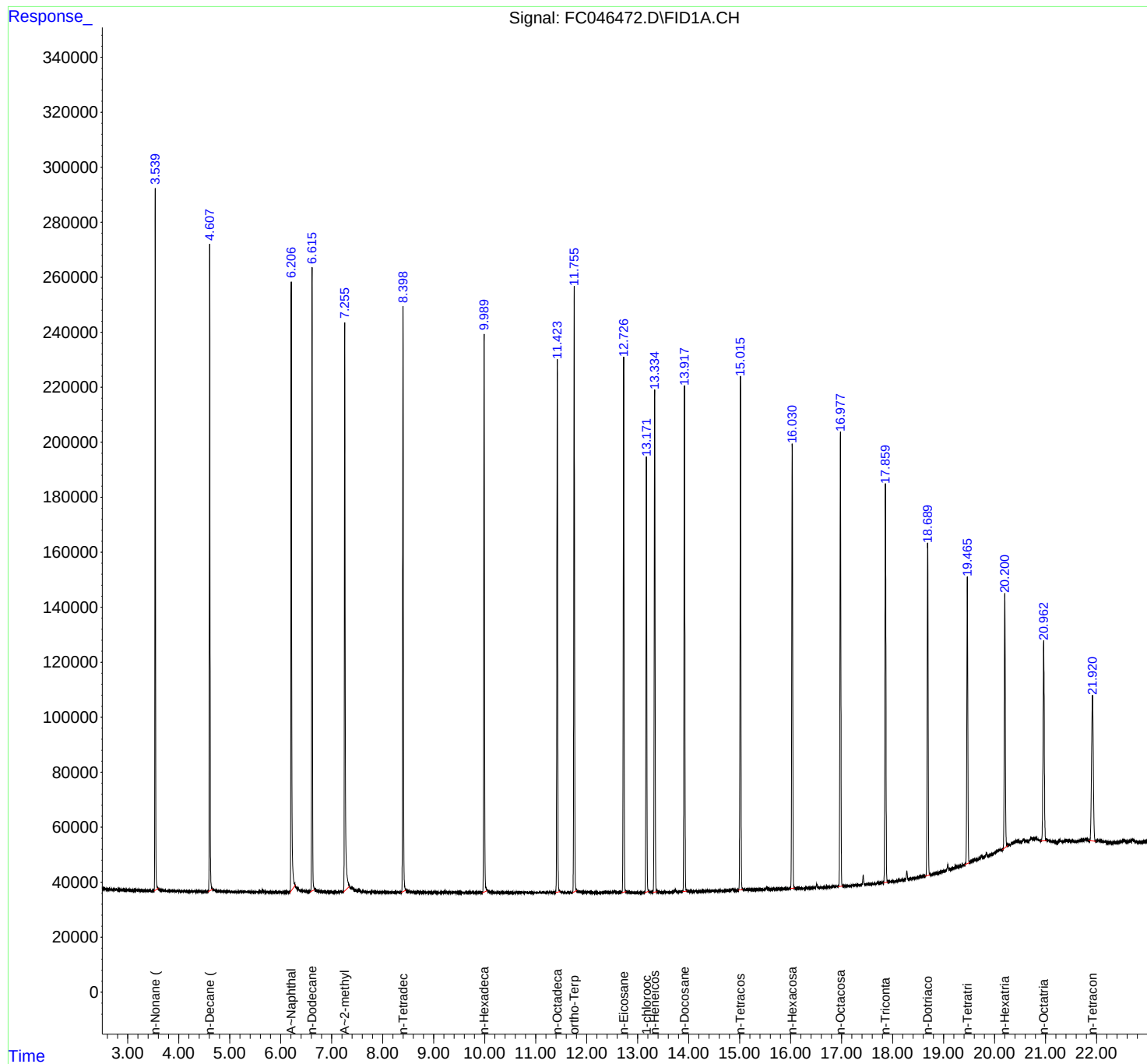
(m)=manual int.

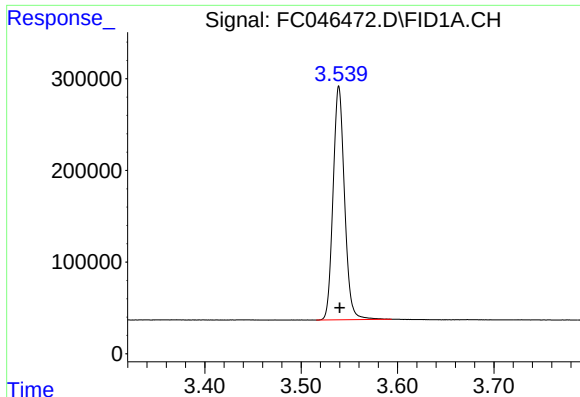
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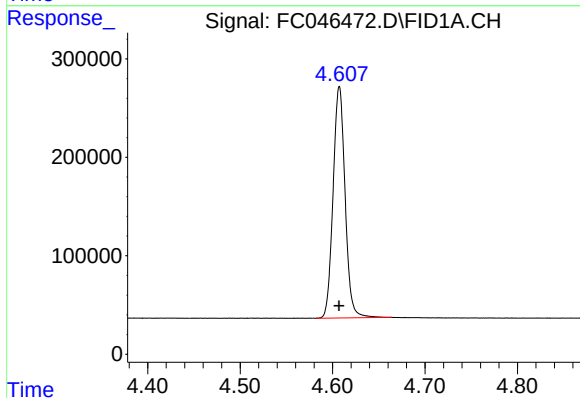




#1 n-Nonane (C9)

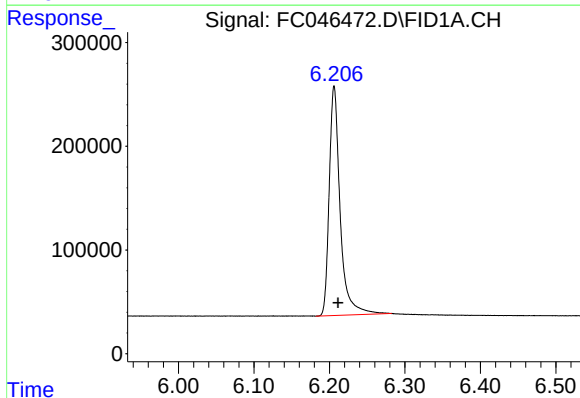
R.T.: 3.539 min
Delta R.T.: 0.000 min
Response: 2109344
Conc: 22.18 ug/ml

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20 PPM ALIPHATIC HC STD



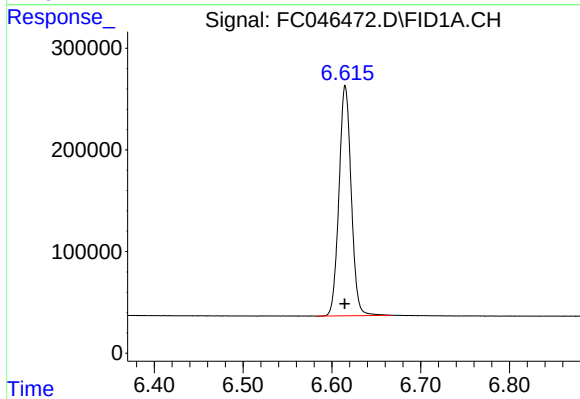
#2 n-Decane (C10)

R.T.: 4.607 min
Delta R.T.: 0.000 min
Response: 2124770
Conc: 22.28 ug/ml



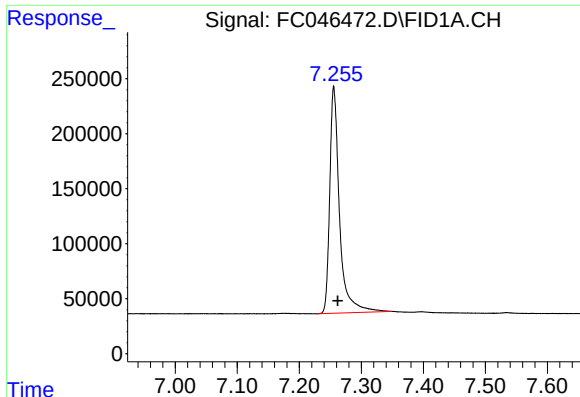
#3 A~Naphthalene (C11.7)

R.T.: 6.206 min
Delta R.T.: -0.005 min
Response: 2227033
Conc: 22.38 ug/ml



#4 n-Dodecane (C12)

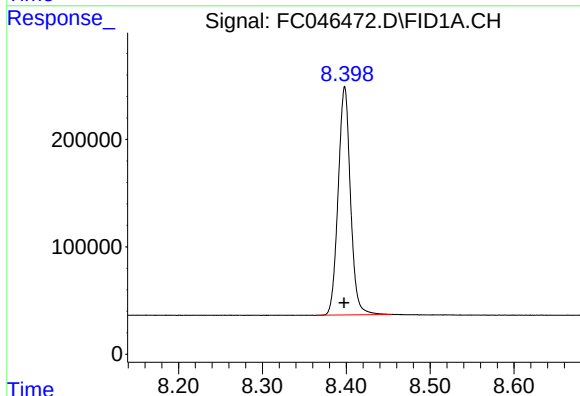
R.T.: 6.615 min
Delta R.T.: 0.000 min
Response: 2165138
Conc: 22.33 ug/ml



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

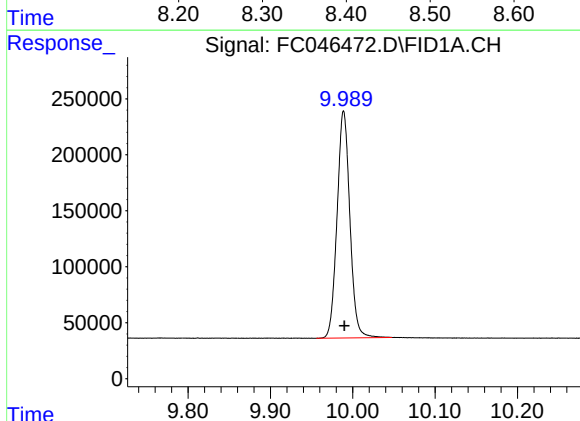
R.T.: 7.256 min
Delta R.T.: -0.006 min
Response: 2262474
Conc: 22.47 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



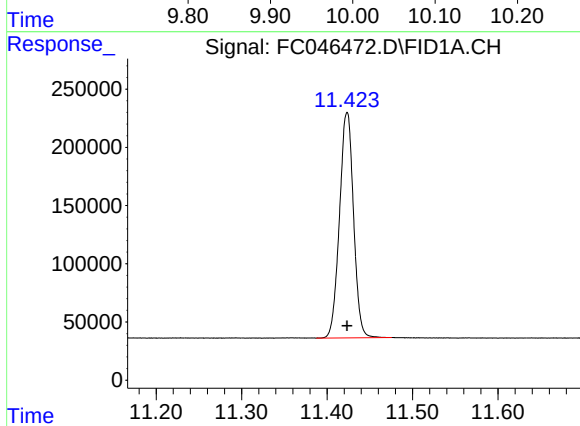
#6 n-Tetradecane (C14)

R.T.: 8.398 min
Delta R.T.: 0.001 min
Response: 2170277
Conc: 22.25 ug/ml



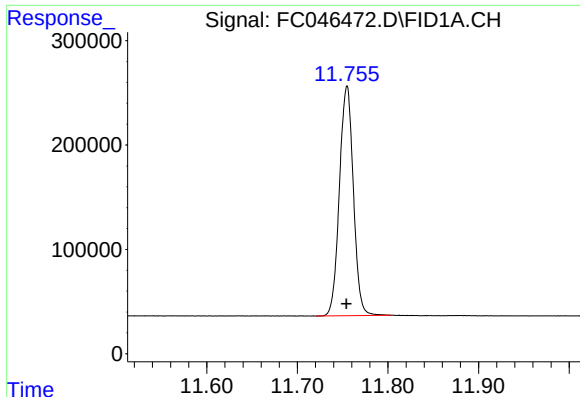
#7 n-Hexadecane (C16)

R.T.: 9.989 min
Delta R.T.: 0.000 min
Response: 2189331
Conc: 22.18 ug/ml



#8 n-Octadecane (C18)

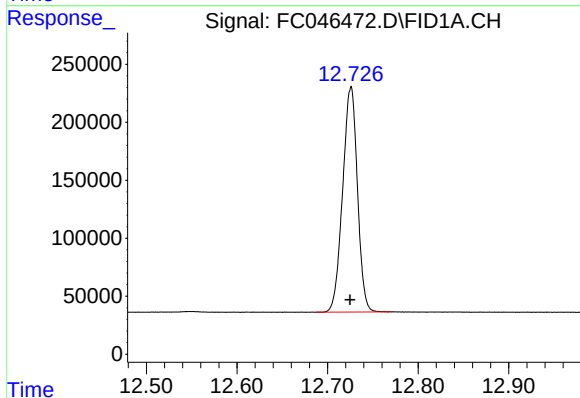
R.T.: 11.423 min
Delta R.T.: 0.000 min
Response: 2211101
Conc: 21.84 ug/ml



#9 ortho-Terphenyl (SURR)

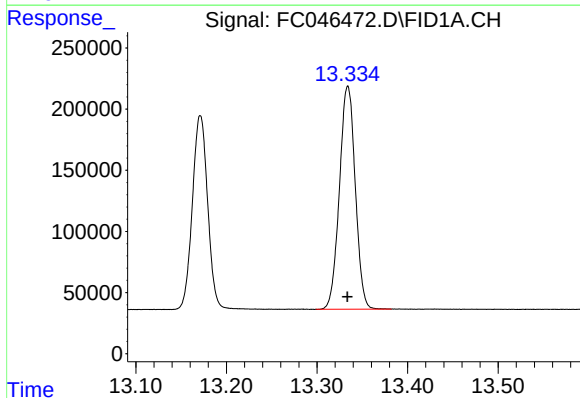
R.T.: 11.755 min
Delta R.T.: 0.000 min
Response: 2353694
Conc: 21.63 ug/ml

Instrument :
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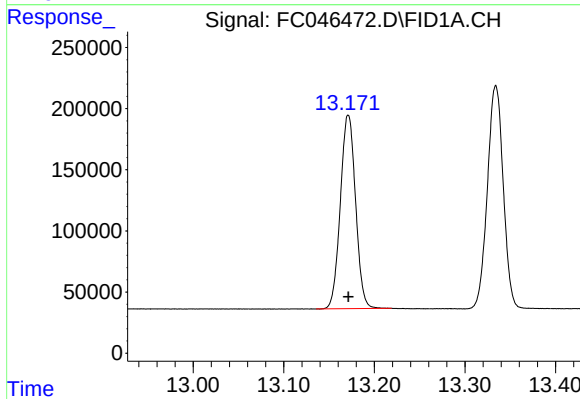
#10 n-Eicosane (C20)

R.T.: 12.726 min
Delta R.T.: 0.000 min
Response: 2202016
Conc: 21.54 ug/ml



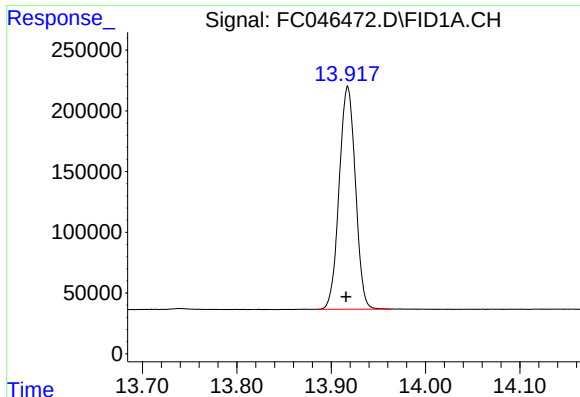
#11 n-Heneicosane (C21)

R.T.: 13.334 min
Delta R.T.: 0.000 min
Response: 2217092
Conc: 21.50 ug/ml



#12 1-chlorooctadecane (SURR)

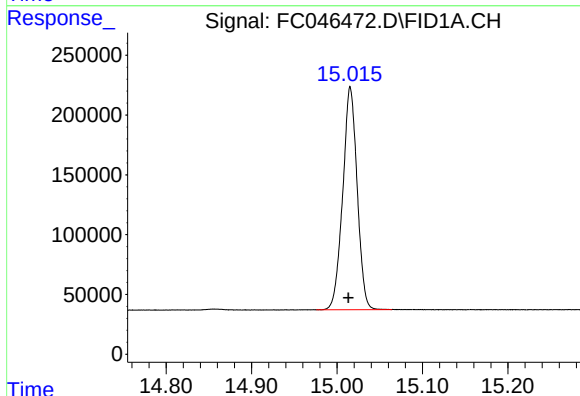
R.T.: 13.171 min
Delta R.T.: 0.000 min
Response: 1849607
Conc: 21.46 ug/ml



#13 n-Docosane (C22)

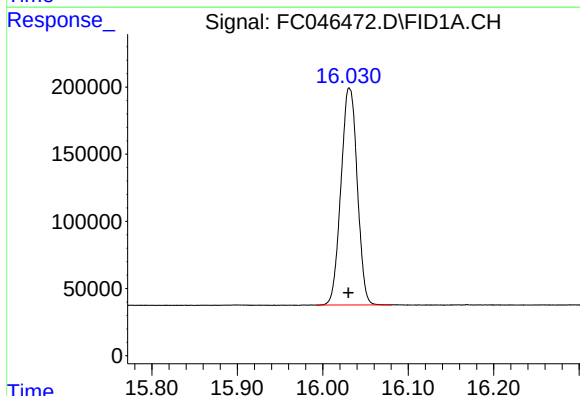
R.T.: 13.918 min
Delta R.T.: 0.002 min
Response: 2195424
Conc: 21.39 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



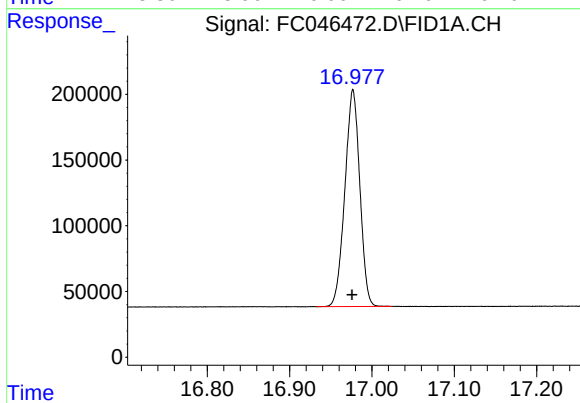
#14 n-Tetracosane (C24)

R.T.: 15.016 min
Delta R.T.: 0.002 min
Response: 2187323
Conc: 21.19 ug/ml



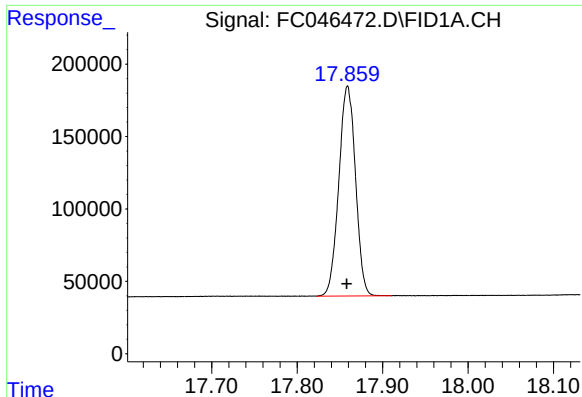
#15 n-Hexacosane (C26)

R.T.: 16.031 min
Delta R.T.: 0.001 min
Response: 2139936
Conc: 20.86 ug/ml



#16 n-Octacosane (C28)

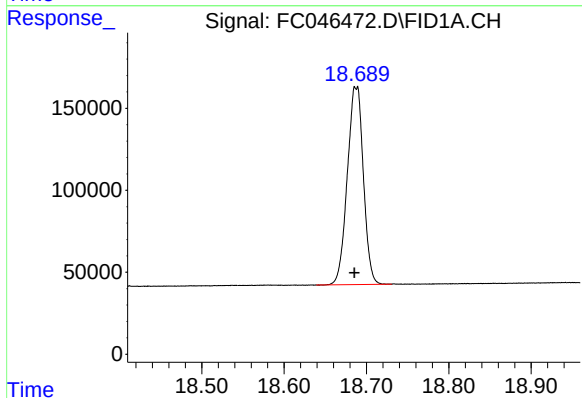
R.T.: 16.977 min
Delta R.T.: 0.001 min
Response: 2081677
Conc: 20.45 ug/ml



#17 n-Tricontane (C30)

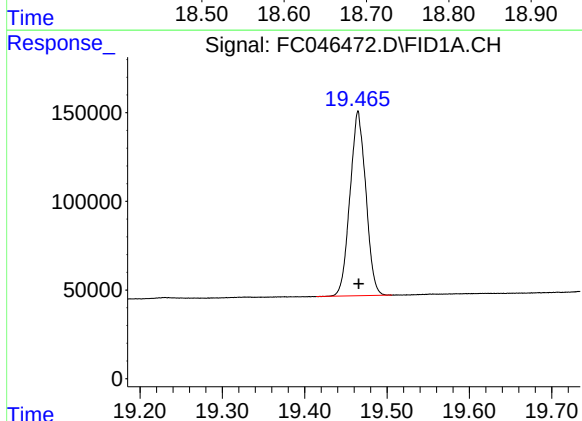
R.T.: 17.859 min
Delta R.T.: 0.000 min
Response: 1965448
Conc: 20.06 ug/ml

Instrument :
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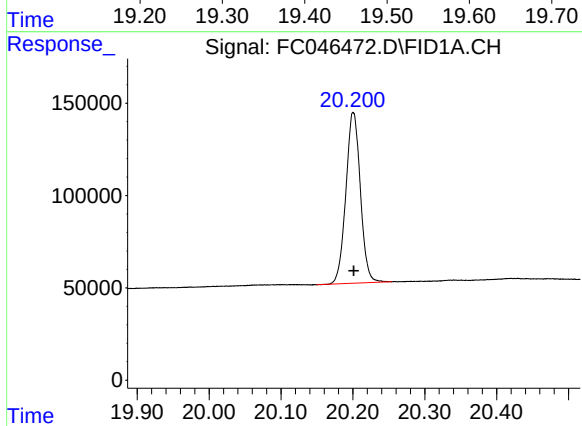
#18 n-Dotriacontane (C32)

R.T.: 18.688 min
Delta R.T.: 0.002 min
Response: 1634716
Conc: 19.50 ug/ml



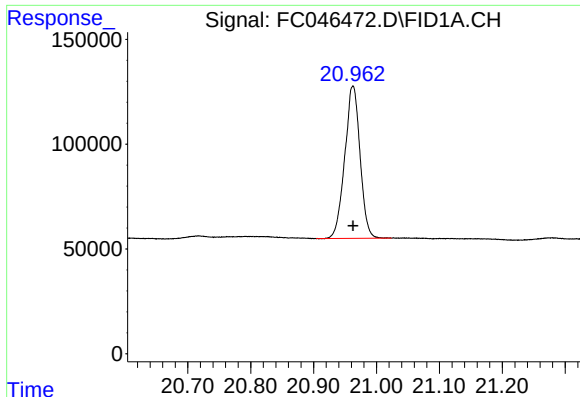
#19 n-Tetratriacontane (C34)

R.T.: 19.465 min
Delta R.T.: 0.000 min
Response: 1390200
Conc: 19.40 ug/ml



#20 n-Hexatriacontane (C36)

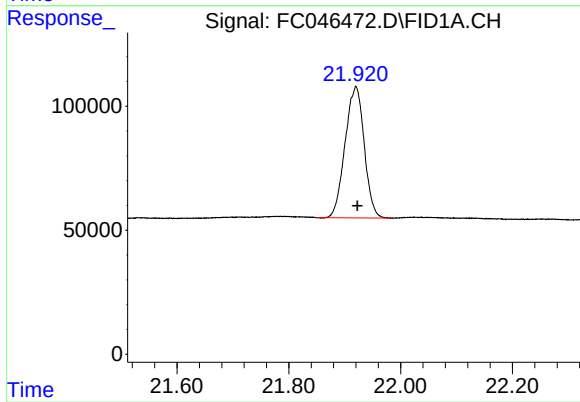
R.T.: 20.201 min
Delta R.T.: 0.000 min
Response: 1294212
Conc: 18.47 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.963 min
Delta R.T.: 0.000 min
Response: 1228867
Conc: 19.47 ug/ml

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20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 21.920 min
Delta R.T.: -0.002 min
Response: 1257794
Conc: 18.18 ug/ml