

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD041822AL\
 Data File : FD041976.D
 Signal(s) : FID2B.CH
 Acq On : 18 Apr 2022 16:31
 Operator : UA/NP
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 53 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: sample.E
 Quant Time: Apr 19 04:33:35 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 032222.M
 Quant Title : GC Extractables
 QLast Update : Wed Mar 23 05:05:55 2022
 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)	11.211	3484472	19.649 ug/ml
Spiked Amount 50.000		Recovery =	39.30%
12) S 1-chlorooctadecane (S...	12.650	2684287	19.385 ug/ml
Spiked Amount 50.000		Recovery =	38.77%
Target Compounds			
1) T n-Nonane (C9)	3.081	3133584	21.302 ug/ml
2) T n-Decane (C10)	4.126	3132448	21.452 ug/ml
3) T A~Naphthalene (C11.7)	5.676	3284483	21.027 ug/ml
4) T n-Dodecane (C12)	6.121	3281635	21.786 ug/ml
5) T A~2-methylnaphthalene...	6.723	3260469	20.961 ug/ml
6) T n-Tetradecane (C14)	7.898	3292096	21.613 ug/ml
7) T n-Hexadecane (C16)	9.484	3315156	21.500 ug/ml
8) T n-Octadecane (C18)	10.914	3315231	21.042 ug/ml
10) T n-Eicosane (C20)	12.213	3242266	20.496 ug/ml
11) T n-Heneicosane (C21)	12.820	3171052	19.802 ug/ml
13) T n-Docosane (C22)	13.403	3251470	20.245 ug/ml
14) T n-Tetracosane (C24)	14.497	3289241	20.348 ug/ml
15) T n-Hexacosane (C26)	15.512	3280163	20.309 ug/ml
16) T n-Octacosane (C28)	16.456	3383491	21.019 ug/ml
17) T n-Tricontane (C30)	17.339	3424289	21.729 ug/ml
18) T n-Dotriacontane (C32)	18.165	3215743	21.671 ug/ml
19) T n-Tetratriacontane (C34)	18.944	2877915	21.479 ug/ml
20) T n-Hexatriacontane (C36)	19.679	2506027	20.929 ug/ml
21) T n-Octatriacontane (C38)	20.376	2333169	21.080 ug/ml
22) T n-Tetracontane (C40)	21.148	2247615	20.876 ug/ml

(f)=RT Delta > 1/2 Window

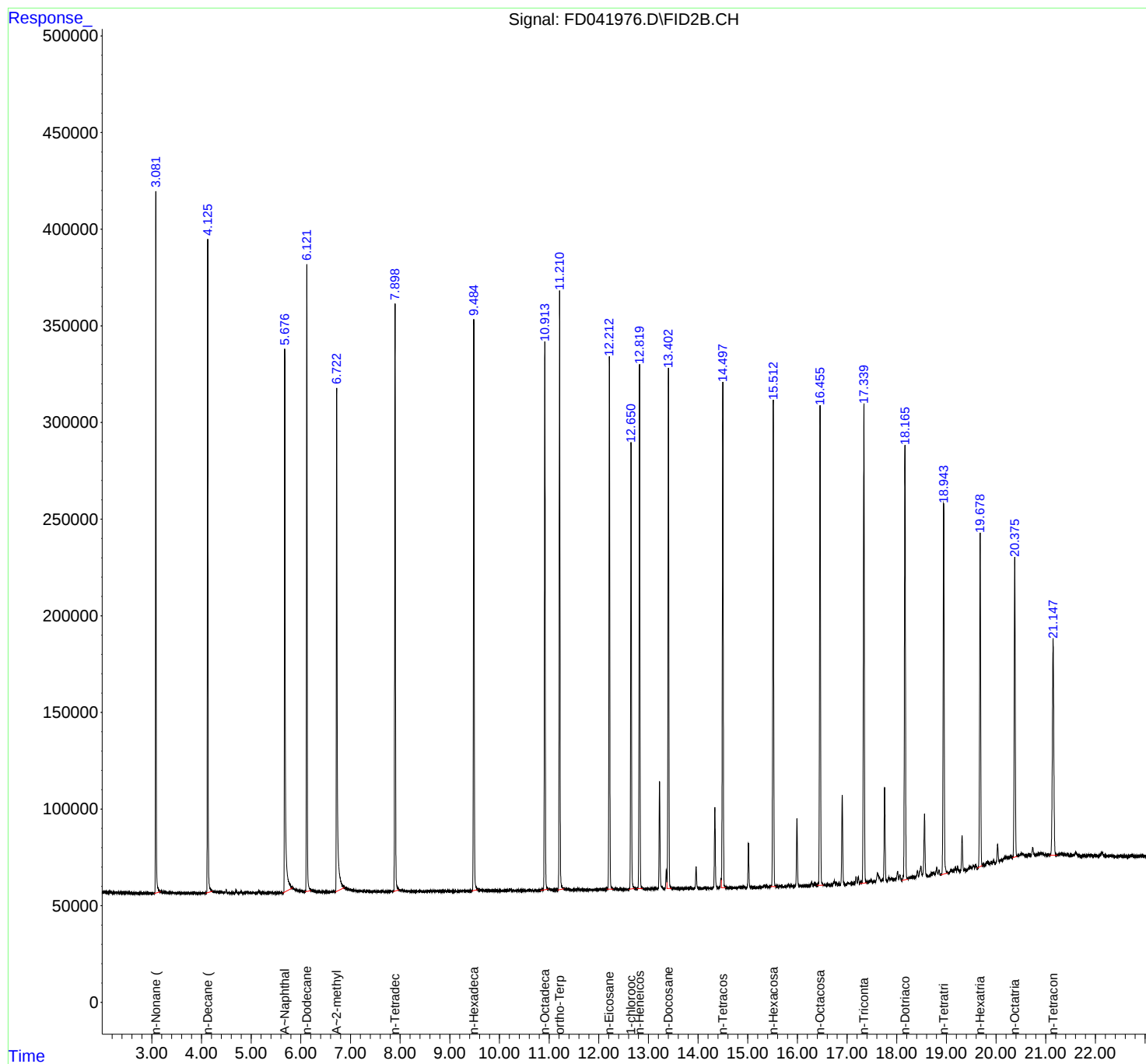
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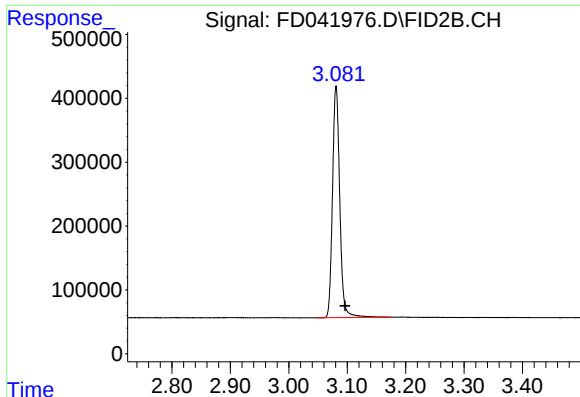
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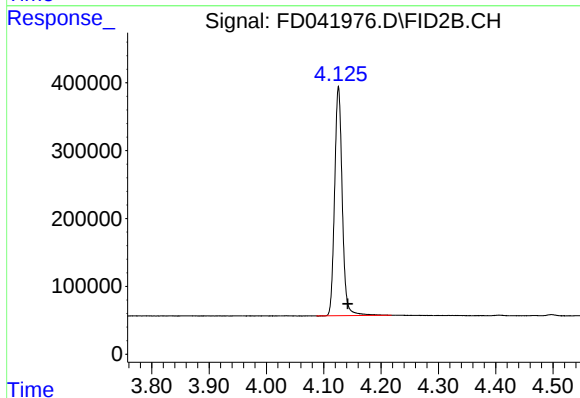




#1 n-Nonane (C9)

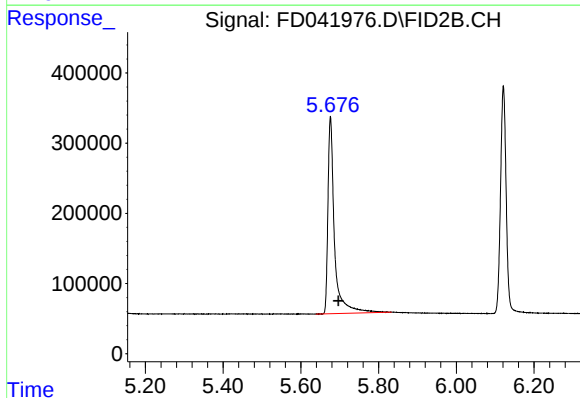
R.T.: 3.081 min
Delta R.T.: -0.015 min
Response: 3133584
Conc: 21.30 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



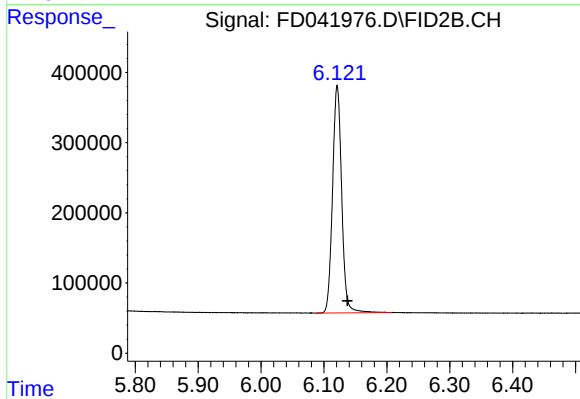
#2 n-Decane (C10)

R.T.: 4.126 min
Delta R.T.: -0.016 min
Response: 3132448
Conc: 21.45 ug/ml



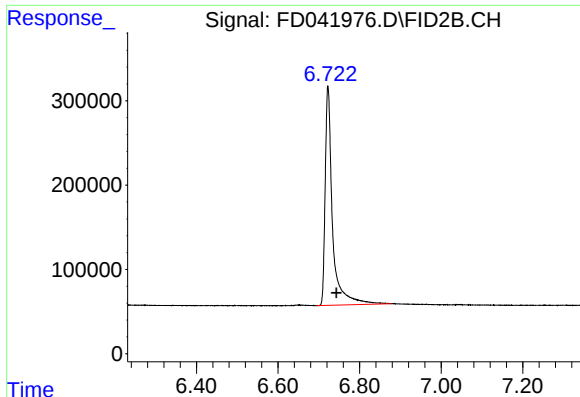
#3 A~Naphthalene (C11.7)

R.T.: 5.676 min
Delta R.T.: -0.020 min
Response: 3284483
Conc: 21.03 ug/ml



#4 n-Dodecane (C12)

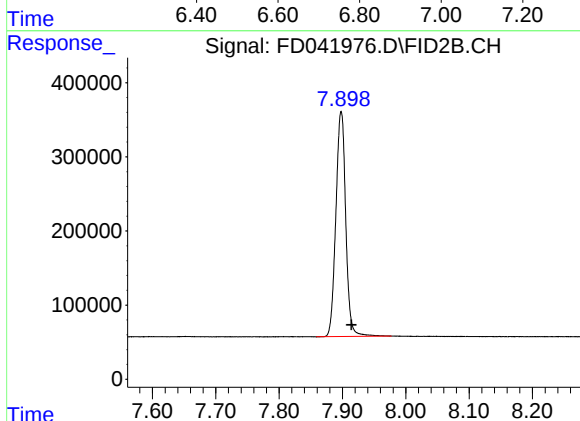
R.T.: 6.121 min
Delta R.T.: -0.016 min
Response: 3281635
Conc: 21.79 ug/ml



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

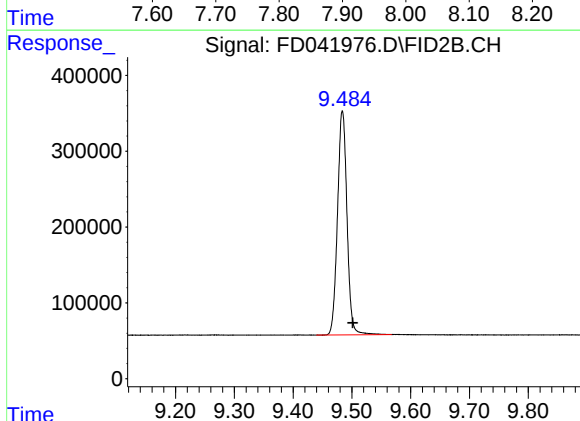
R.T.: 6.723 min
Delta R.T.: -0.021 min
Response: 3260469
Conc: 20.96 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



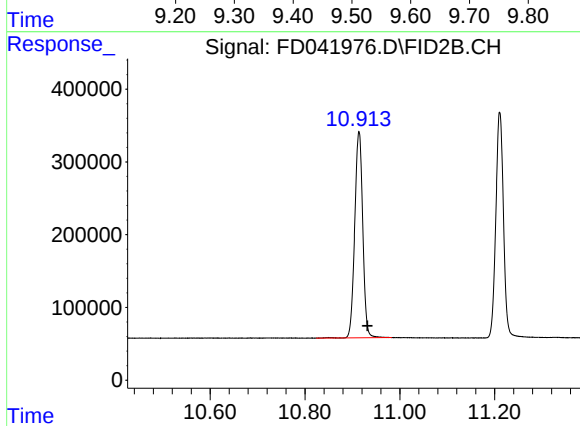
#6 n-Tetradecane (C14)

R.T.: 7.898 min
Delta R.T.: -0.016 min
Response: 3292096
Conc: 21.61 ug/ml



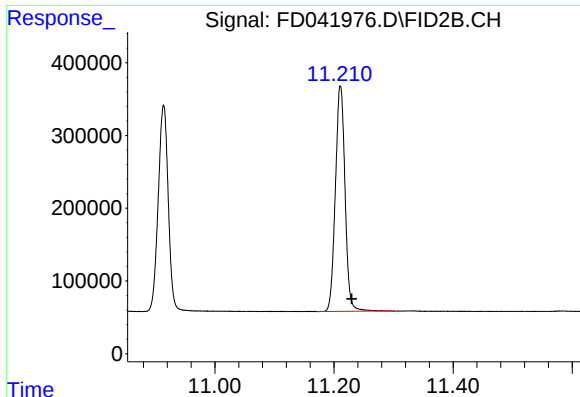
#7 n-Hexadecane (C16)

R.T.: 9.484 min
Delta R.T.: -0.018 min
Response: 3315156
Conc: 21.50 ug/ml



#8 n-Octadecane (C18)

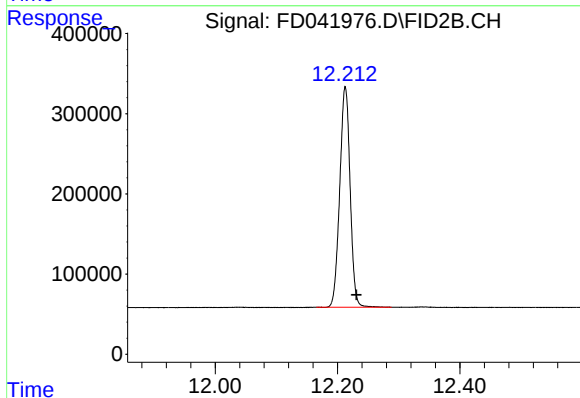
R.T.: 10.914 min
Delta R.T.: -0.018 min
Response: 3315231
Conc: 21.04 ug/ml



#9 ortho-Terphenyl (SURR)

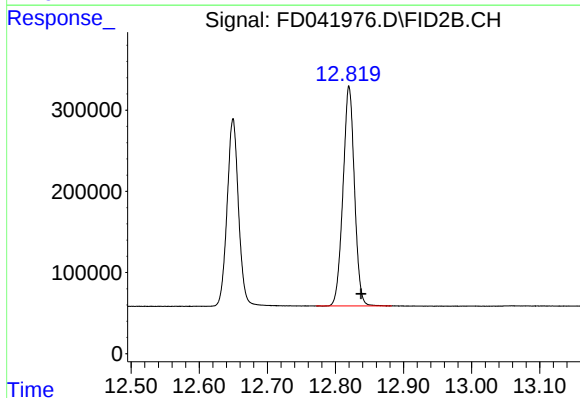
R.T.: 11.211 min
Delta R.T.: -0.019 min
Response: 3484472
Conc: 19.65 ug/ml

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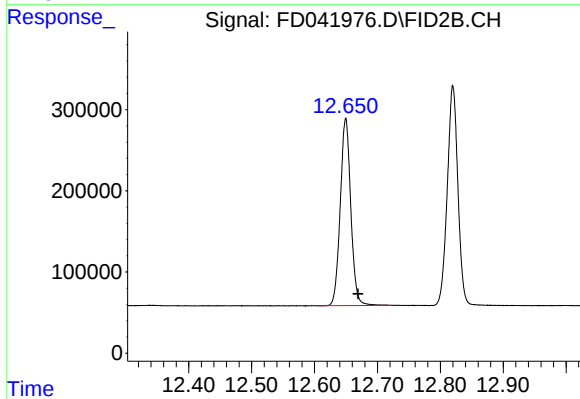
#10 n-Eicosane (C20)

R.T.: 12.213 min
Delta R.T.: -0.018 min
Response: 3242266
Conc: 20.50 ug/ml



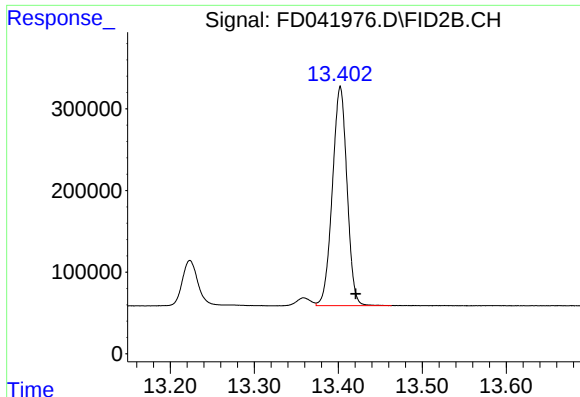
#11 n-Heneicosane (C21)

R.T.: 12.820 min
Delta R.T.: -0.018 min
Response: 3171052
Conc: 19.80 ug/ml



#12 1-chlorooctadecane (SURR)

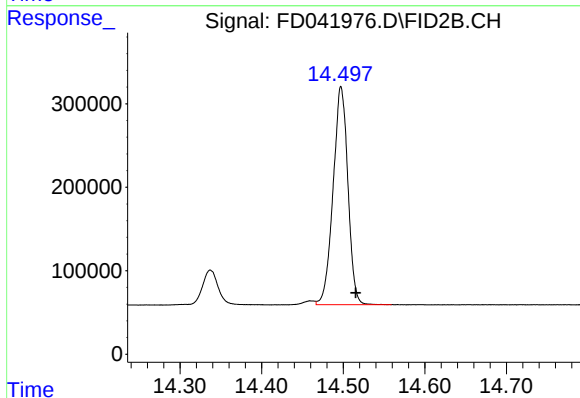
R.T.: 12.650 min
Delta R.T.: -0.020 min
Response: 2684287
Conc: 19.39 ug/ml



#13 n-Docosane (C22)

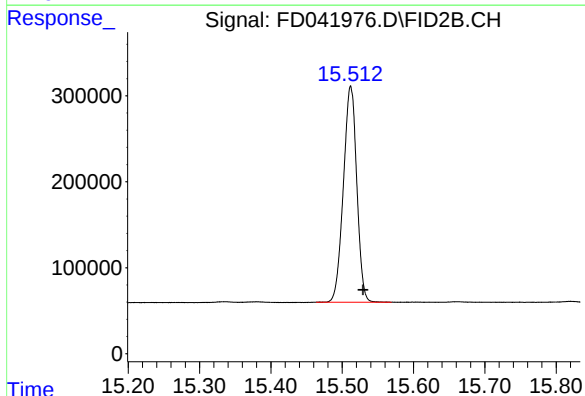
R.T.: 13.403 min
Delta R.T.: -0.018 min
Response: 3251470
Conc: 20.24 ug/ml

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20 PPM ALIPHATIC HC STD



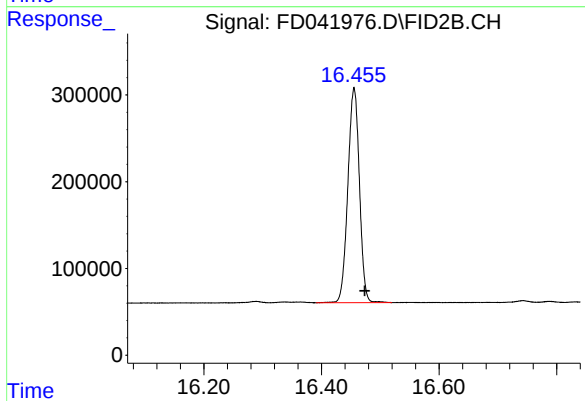
#14 n-Tetracosane (C24)

R.T.: 14.497 min
Delta R.T.: -0.018 min
Response: 3289241
Conc: 20.35 ug/ml



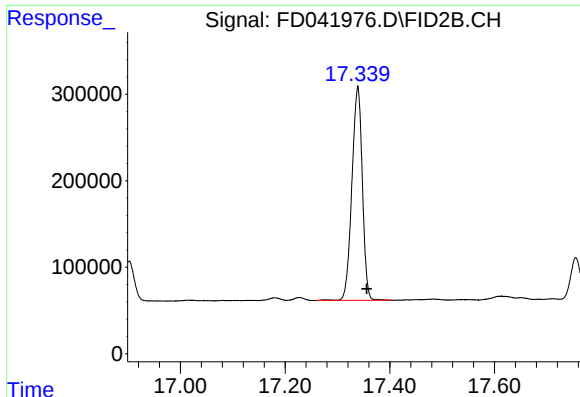
#15 n-Hexacosane (C26)

R.T.: 15.512 min
Delta R.T.: -0.017 min
Response: 3280163
Conc: 20.31 ug/ml



#16 n-Octacosane (C28)

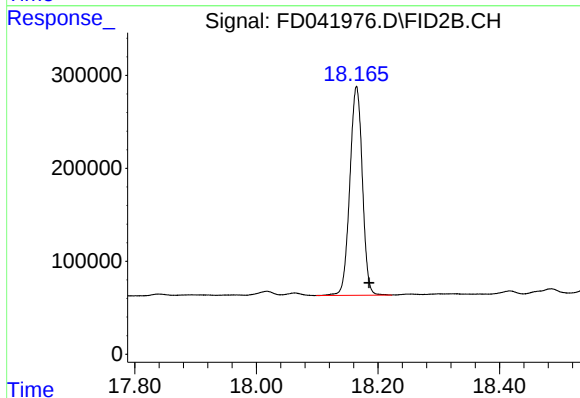
R.T.: 16.456 min
Delta R.T.: -0.018 min
Response: 3383491
Conc: 21.02 ug/ml



#17 n-Tricontane (C30)

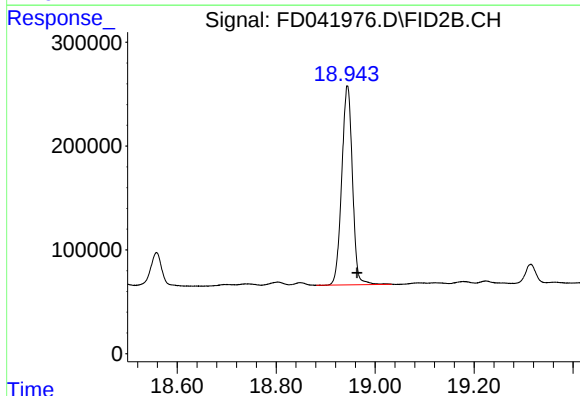
R.T.: 17.339 min
Delta R.T.: -0.017 min
Response: 3424289
Conc: 21.73 ug/ml

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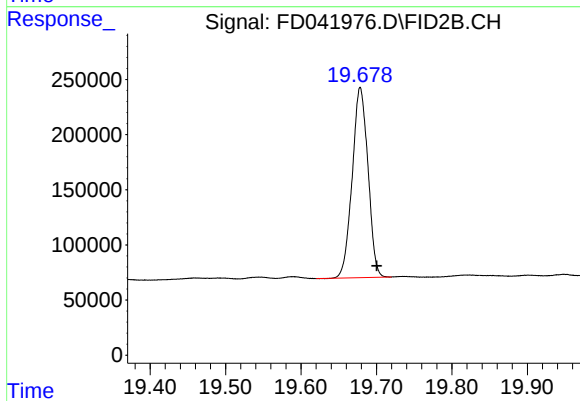
#18 n-Dotriacontane (C32)

R.T.: 18.165 min
Delta R.T.: -0.021 min
Response: 3215743
Conc: 21.67 ug/ml



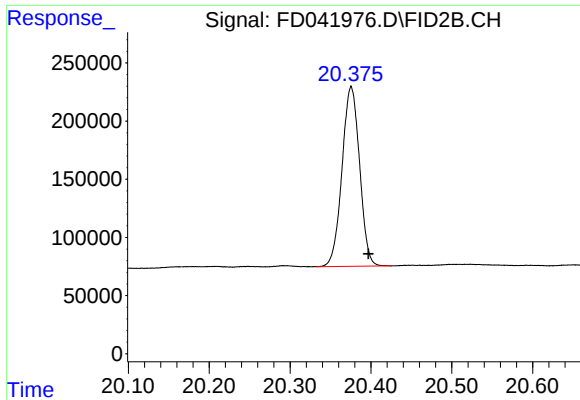
#19 n-Tetratriacontane (C34)

R.T.: 18.944 min
Delta R.T.: -0.020 min
Response: 2877915
Conc: 21.48 ug/ml



#20 n-Hexatriacontane (C36)

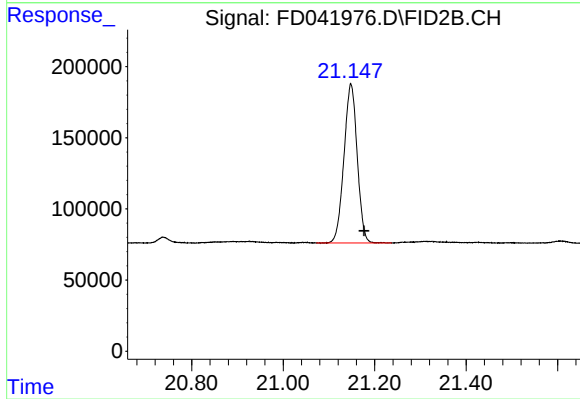
R.T.: 19.679 min
Delta R.T.: -0.022 min
Response: 2506027
Conc: 20.93 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.376 min
Delta R.T.: -0.021 min
Response: 2333169
Conc: 21.08 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.148 min
Delta R.T.: -0.029 min
Response: 2247615
Conc: 20.88 ug/ml