

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE060722AL\
 Data File : FE035956.D
 Signal(s) : FID1B.CH
 Acq On : 07 Jun 2022 15:37
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: sample.E
 Quant Time: Jun 08 03:39:38 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 051022.M
 Quant Title : GC Extractables
 QLast Update : Wed May 11 03:24:10 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)	10.947	2651360	19.988 ug/ml
Spiked Amount 50.000		Recovery =	39.98%
12) S 1-chlorooctadecane (S...	12.378	2045316	19.553 ug/ml
Spiked Amount 50.000		Recovery =	39.11%
Target Compounds			
1) T n-Nonane (C9)	2.800	2438709	20.419 ug/ml
2) T n-Decane (C10)	3.814	2431397	20.547 ug/ml
3) T A~Naphthalene (C11.7)	5.380	2678732	20.047 ug/ml
4) T n-Dodecane (C12)	5.804	2442044	20.383 ug/ml
5) T A~2-methylnaphthalene...	6.429	2690417	19.895 ug/ml
6) T n-Tetradecane (C14)	7.592	2431218	20.398 ug/ml
7) T n-Hexadecane (C16)	9.189	2420291	20.298 ug/ml
8) T n-Octadecane (C18)	10.628	2430673	20.277 ug/ml
10) T n-Eicosane (C20)	11.934	2386875	20.007 ug/ml
11) T n-Heneicosane (C21)	12.543	2386616	19.878 ug/ml
13) T n-Docosane (C22)	13.127	2380452	19.767 ug/ml
14) T n-Tetracosane (C24)	14.228	2387239	19.729 ug/ml
15) T n-Hexacosane (C26)	15.246	2343901	19.369 ug/ml
16) T n-Octacosane (C28)	16.194	2339173	19.301 ug/ml
17) T n-Tricontane (C30)	17.079	2351436	19.556 ug/ml
18) T n-Dotriacontane (C32)	17.909	2273903	19.786 ug/ml
19) T n-Tetratriacontane (C34)	18.692	2142382	19.805 ug/ml
20) T n-Hexatriacontane (C36)	19.429	2035765	20.209 ug/ml
21) T n-Octatriacontane (C38)	20.163	1983625	20.820 ug/ml
22) T n-Tetracontane (C40)	21.073	2009284	21.516 ug/ml

(f)=RT Delta > 1/2 Window

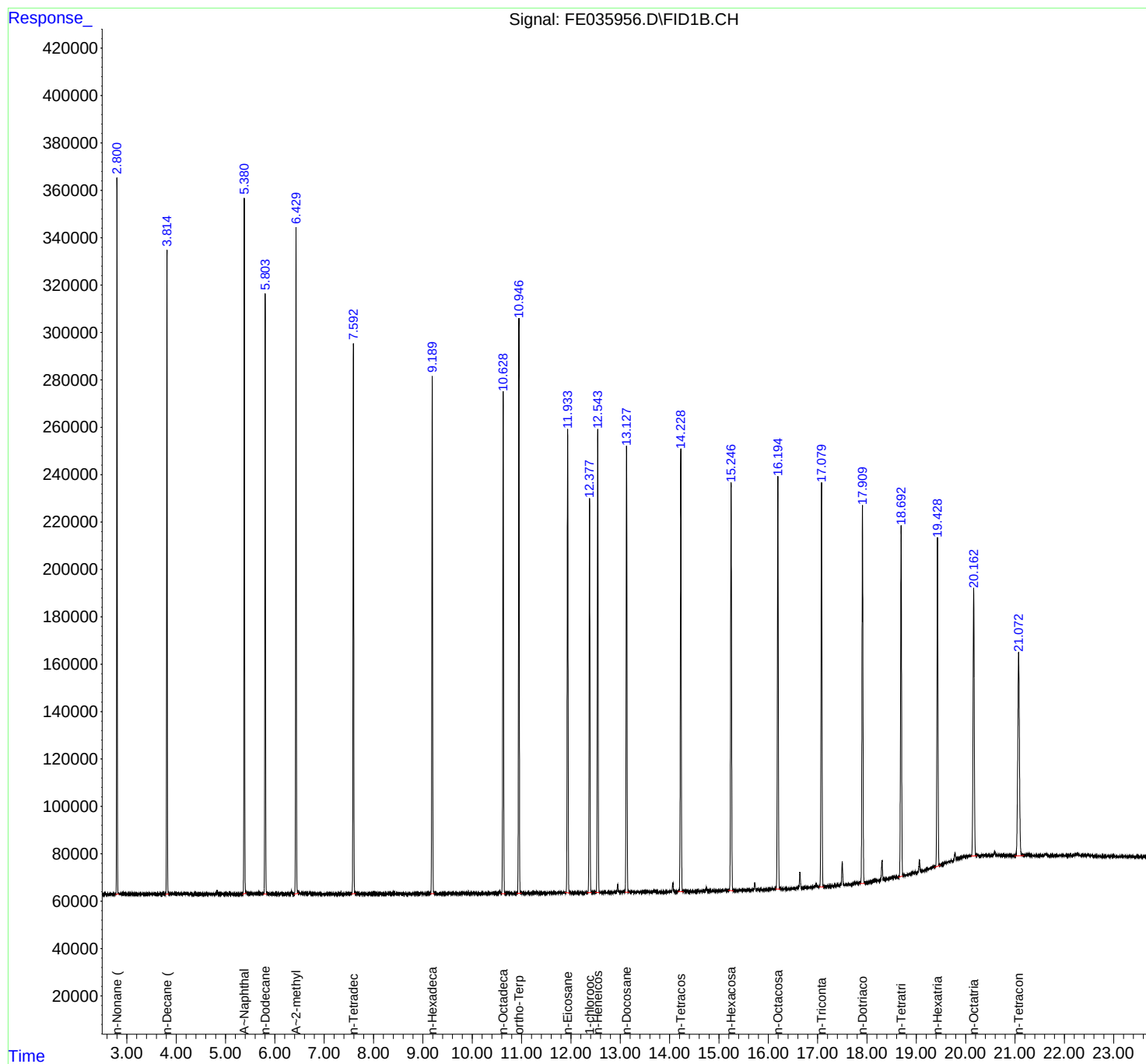
(m)=manual int.

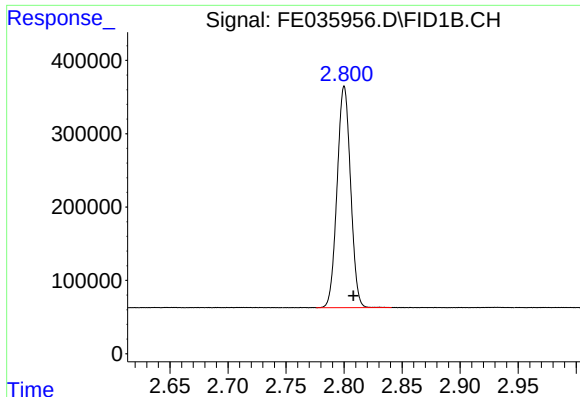
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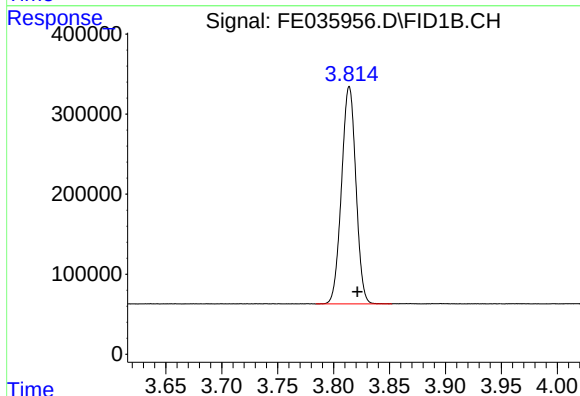




#1 n-Nonane (C9)

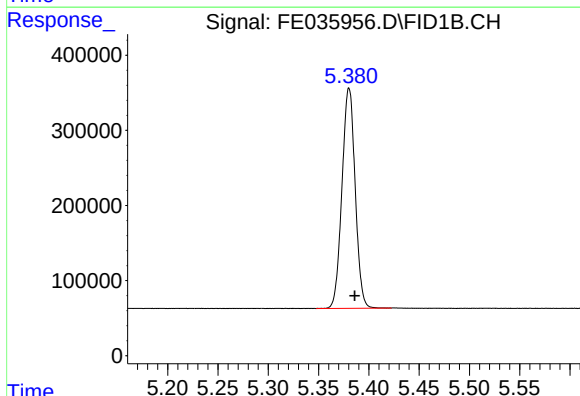
R.T.: 2.800 min
Delta R.T.: -0.008 min
Response: 2438709
Conc: 20.42 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



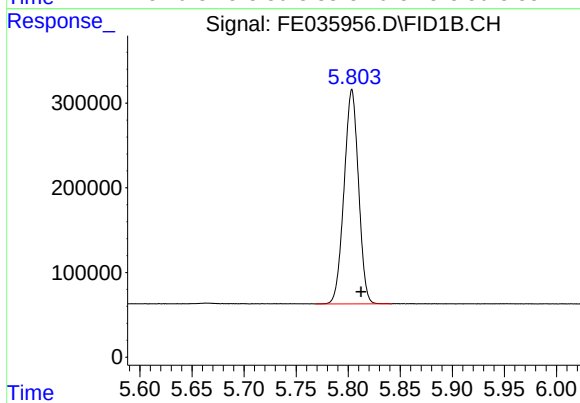
#2 n-Decane (C10)

R.T.: 3.814 min
Delta R.T.: -0.007 min
Response: 2431397
Conc: 20.55 ug/ml



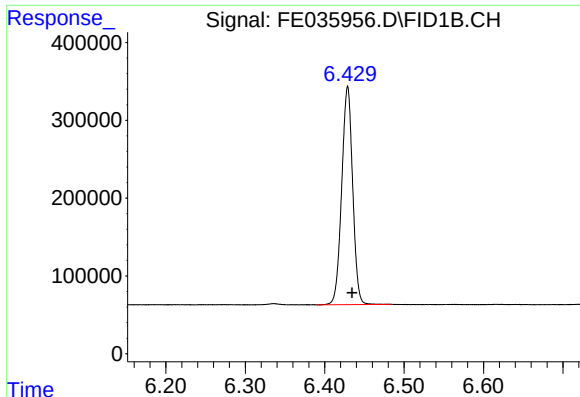
#3 A~Naphthalene (C11.7)

R.T.: 5.380 min
Delta R.T.: -0.006 min
Response: 2678732
Conc: 20.05 ug/ml



#4 n-Dodecane (C12)

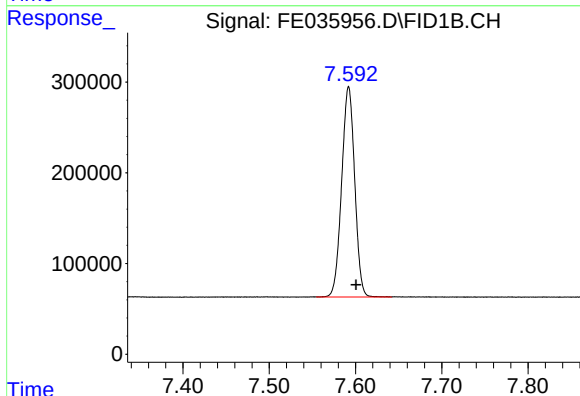
R.T.: 5.804 min
Delta R.T.: -0.009 min
Response: 2442044
Conc: 20.38 ug/ml



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

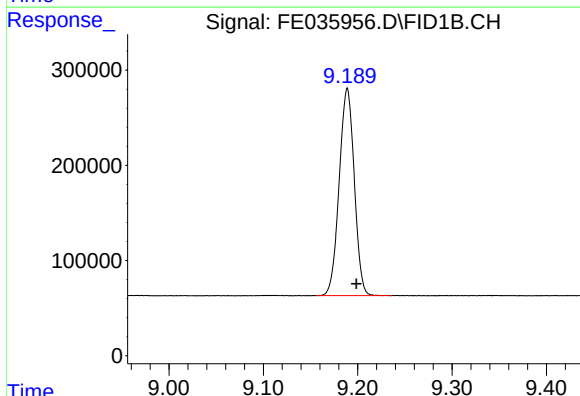
R.T.: 6.429 min
Delta R.T.: -0.005 min
Response: 2690417
Conc: 19.89 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



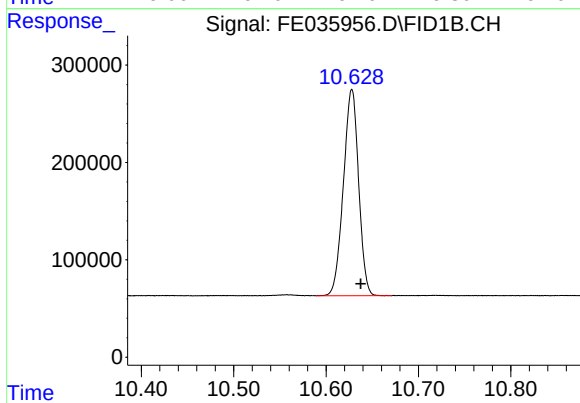
#6 n-Tetradecane (C14)

R.T.: 7.592 min
Delta R.T.: -0.009 min
Response: 2431218
Conc: 20.40 ug/ml



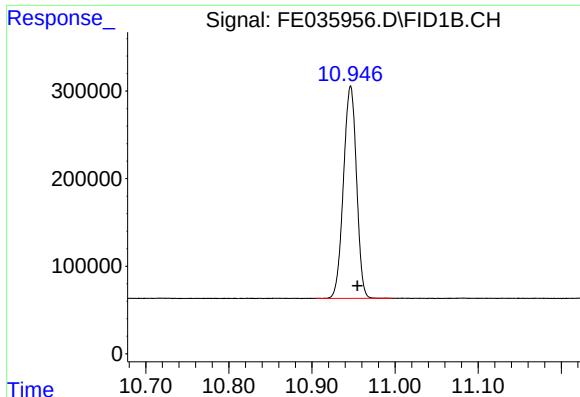
#7 n-Hexadecane (C16)

R.T.: 9.189 min
Delta R.T.: -0.010 min
Response: 2420291
Conc: 20.30 ug/ml



#8 n-Octadecane (C18)

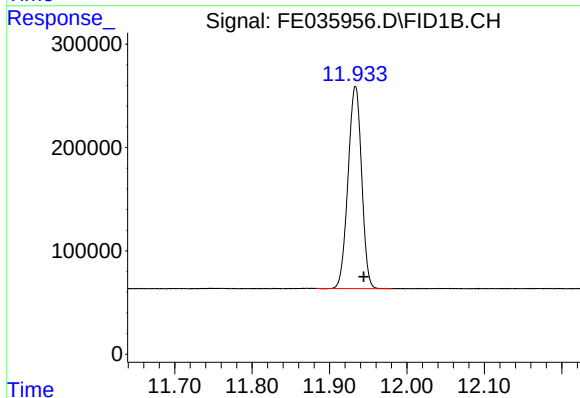
R.T.: 10.628 min
Delta R.T.: -0.010 min
Response: 2430673
Conc: 20.28 ug/ml



#9 ortho-Terphenyl (SURR)

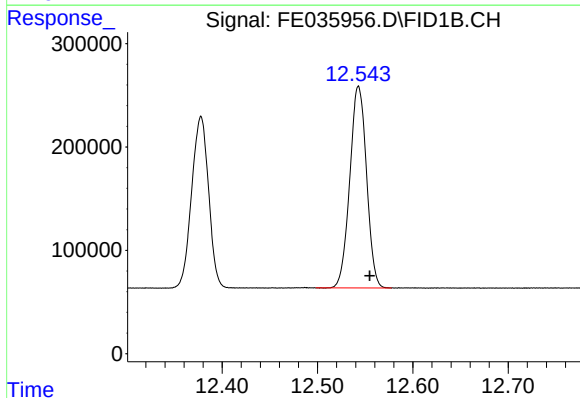
R.T.: 10.947 min
Delta R.T.: -0.008 min
Response: 2651360
Conc: 19.99 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



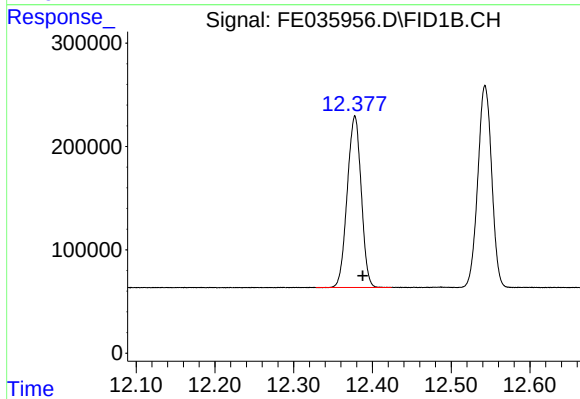
#10 n-Eicosane (C20)

R.T.: 11.934 min
Delta R.T.: -0.011 min
Response: 2386875
Conc: 20.01 ug/ml



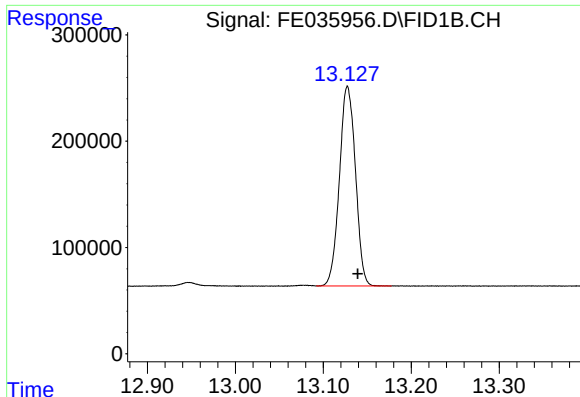
#11 n-Heneicosane (C21)

R.T.: 12.543 min
Delta R.T.: -0.012 min
Response: 2386616
Conc: 19.88 ug/ml



#12 1-chlorooctadecane (SURR)

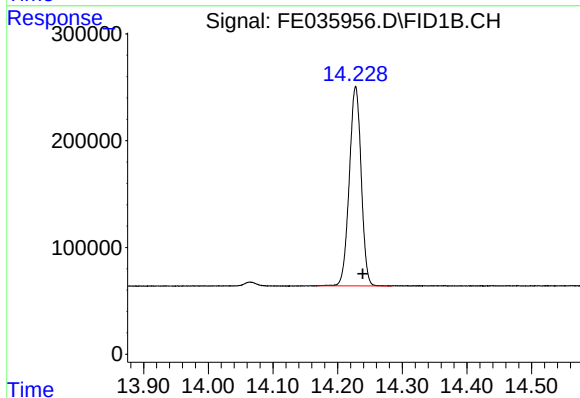
R.T.: 12.378 min
Delta R.T.: -0.010 min
Response: 2045316
Conc: 19.55 ug/ml



#13 n-Docosane (C22)

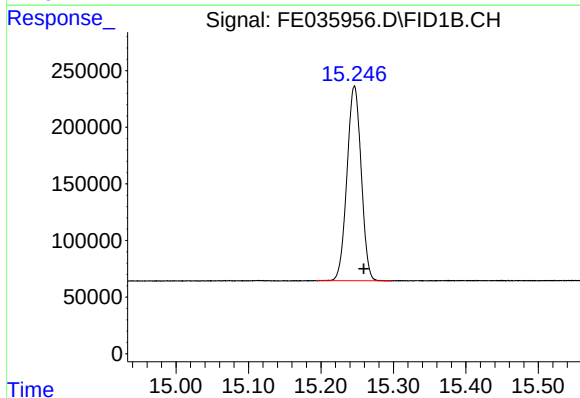
R.T.: 13.127 min
Delta R.T.: -0.012 min
Response: 2380452
Conc: 19.77 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



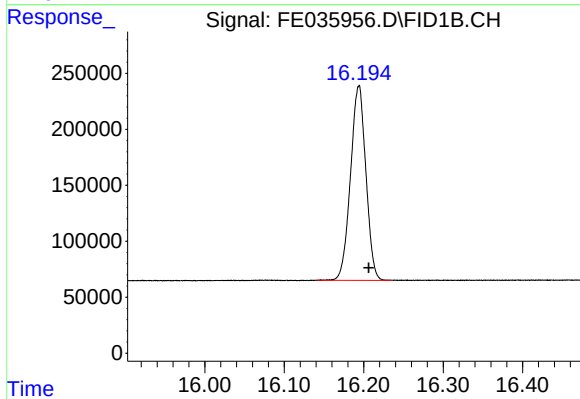
#14 n-Tetracosane (C24)

R.T.: 14.228 min
Delta R.T.: -0.011 min
Response: 2387239
Conc: 19.73 ug/ml



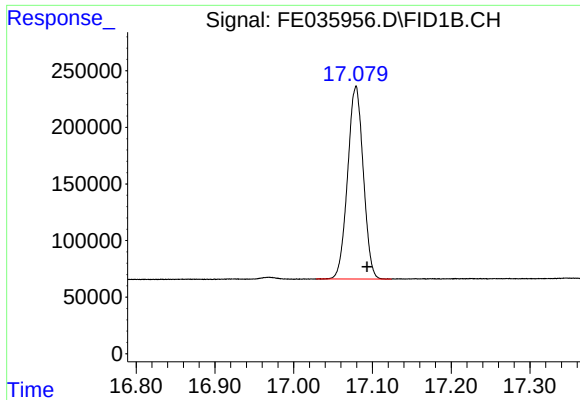
#15 n-Hexacosane (C26)

R.T.: 15.246 min
Delta R.T.: -0.013 min
Response: 2343901
Conc: 19.37 ug/ml



#16 n-Octacosane (C28)

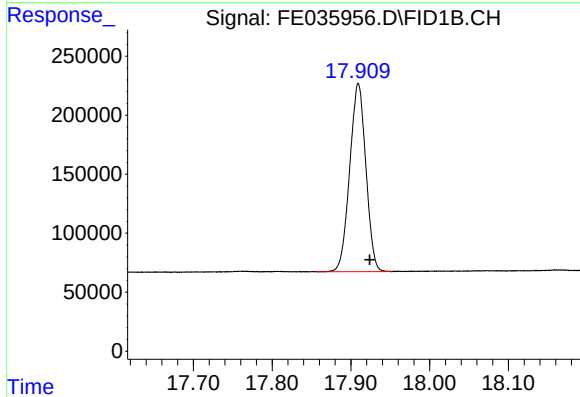
R.T.: 16.194 min
Delta R.T.: -0.012 min
Response: 2339173
Conc: 19.30 ug/ml



#17 n-Tricontane (C30)

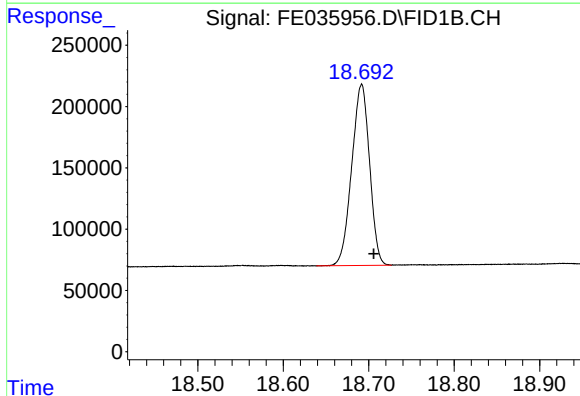
R.T.: 17.079 min
Delta R.T.: -0.014 min
Response: 2351436
Conc: 19.56 ug/ml

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20 PPM ALIPHATIC HC STD



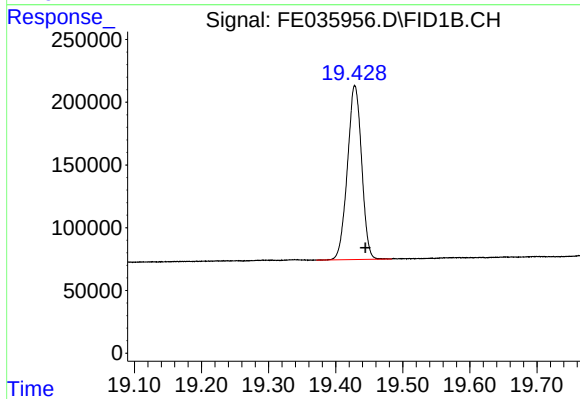
#18 n-Dotriacontane (C32)

R.T.: 17.909 min
Delta R.T.: -0.014 min
Response: 2273903
Conc: 19.79 ug/ml



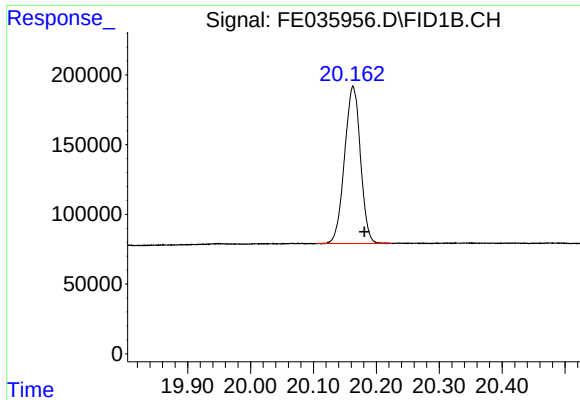
#19 n-Tetratriacontane (C34)

R.T.: 18.692 min
Delta R.T.: -0.014 min
Response: 2142382
Conc: 19.80 ug/ml



#20 n-Hexatriacontane (C36)

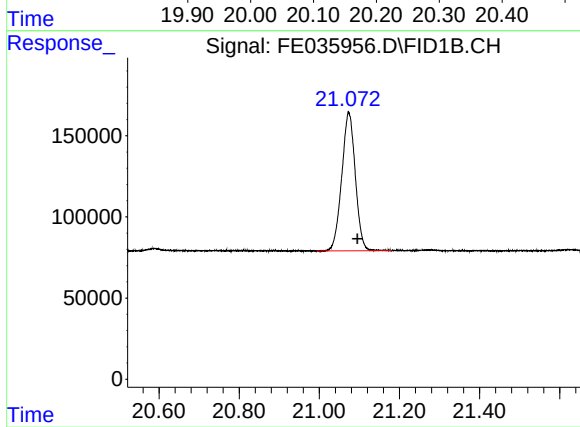
R.T.: 19.429 min
Delta R.T.: -0.016 min
Response: 2035765
Conc: 20.21 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.163 min
Delta R.T.: -0.018 min
Response: 1983625
Conc: 20.82 ug/ml

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20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 21.073 min
Delta R.T.: -0.022 min
Response: 2009284
Conc: 21.52 ug/ml