

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC102020AL\
 Data File : FC050242.D
 Signal(s) : FID1A.CH
 Acq On : 21 Oct 2020 1:28
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Oct 21 02:22:44 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 100620.M
 Quant Title : GC Extractables
 QLast Update : Wed Oct 07 04:53:04 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)	11.631	2205537	19.676 ug/ml
Spiked Amount 50.000		Recovery =	39.35%
12) S 1-chlorooctadecane (S...	13.064	1700815	19.634 ug/ml
Spiked Amount 50.000		Recovery =	39.27%
Target Compounds			
1) T n-Nonane (C9)	3.375	2087738	21.067 ug/ml
2) T n-Decane (C10)	4.447	2101067	21.103 ug/ml
3) T A~Naphthalene (C11.7)	6.041	2296456	20.836 ug/ml
4) T n-Dodecane (C12)	6.468	2123163	21.042 ug/ml
5) T A~2-methylnaphthalene...	7.100	2302922	20.690 ug/ml
6) T n-Tetradecane (C14)	8.265	2102060	20.983 ug/ml
7) T n-Hexadecane (C16)	9.867	2043195	20.731 ug/ml
8) T n-Octadecane (C18)	11.309	2109156	20.423 ug/ml
10) T n-Eicosane (C20)	12.619	2077147	19.962 ug/ml
11) T n-Heneicosane (C21)	13.231	2050924	19.736 ug/ml
13) T n-Docosane (C22)	13.816	2026543	19.523 ug/ml
14) T n-Tetracosane (C24)	14.919	1968750	18.954 ug/ml
15) T n-Hexacosane (C26)	15.939	1914951	18.583 ug/ml
16) T n-Octacosane (C28)	16.888	1885792	18.221 ug/ml
17) T n-Tricontane (C30)	17.774	1830179	17.934 ug/ml
18) T n-Dotriacontane (C32)	18.605	1718409	17.888 ug/ml
19) T n-Tetratriacontane (C34)	19.387	1654945	18.043 ug/ml
20) T n-Hexatriacontane (C36)	20.126	1471905	16.617 ug/ml
21) T n-Octatriacontane (C38)	20.871	1680648	20.382 ug/ml
22) T n-Tetracontane (C40)	21.807	1563964	18.703 ug/ml

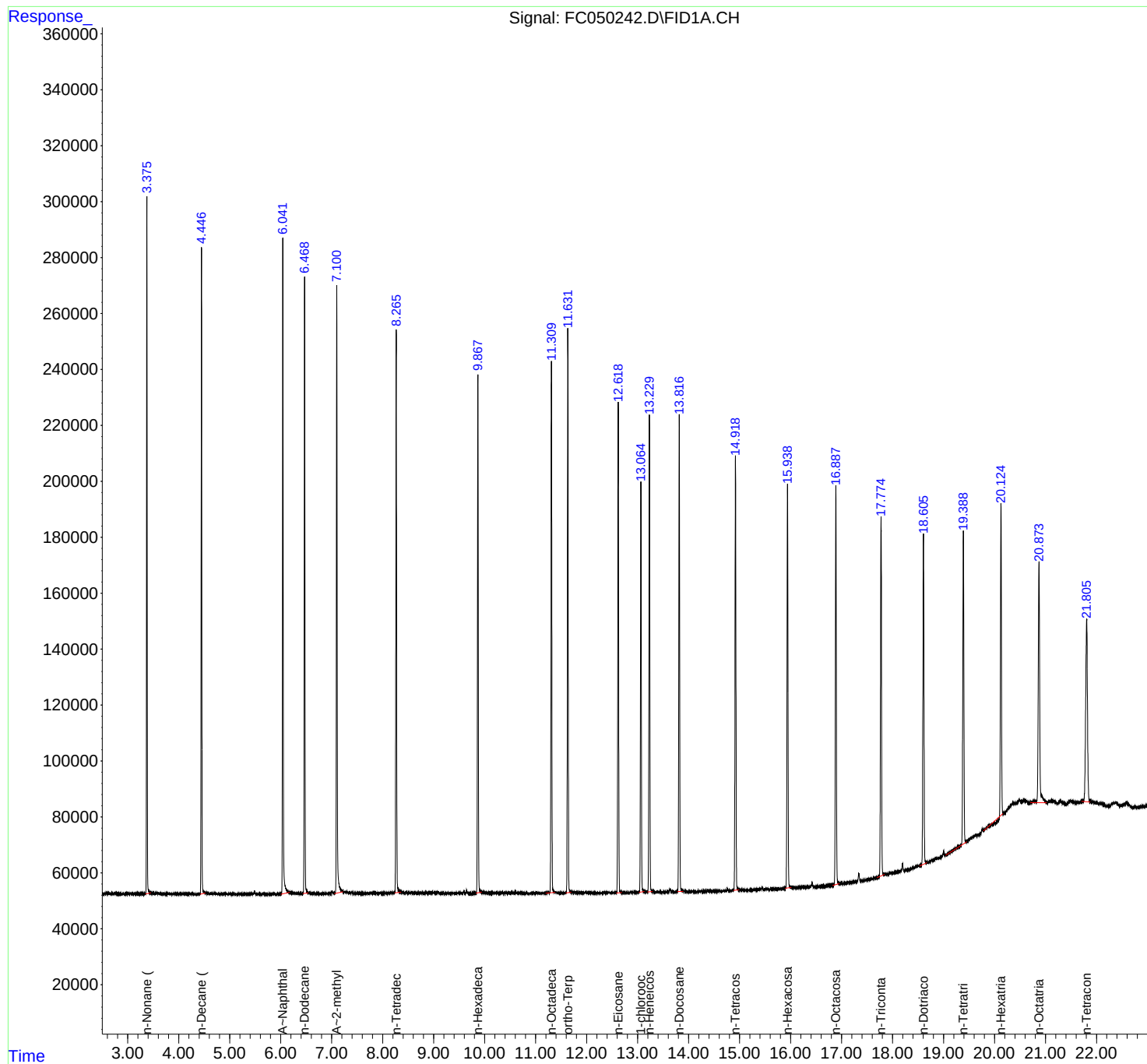
(f)=RT Delta > 1/2 Window

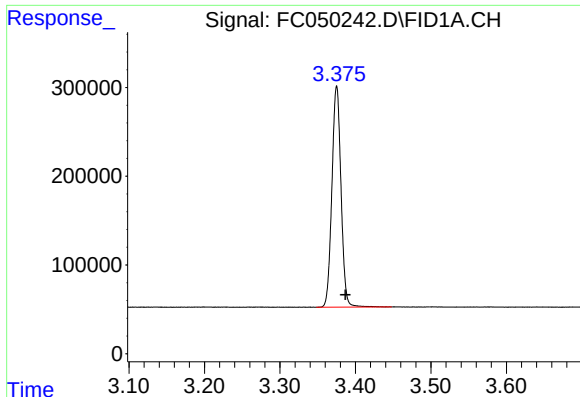
(m)=manual int.

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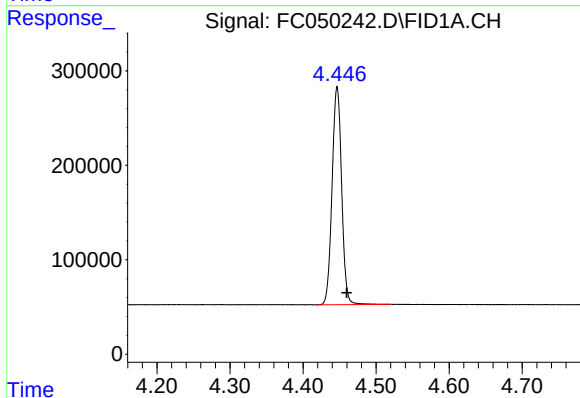
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Signal Info : 20M x 0.18mm x 0.18um





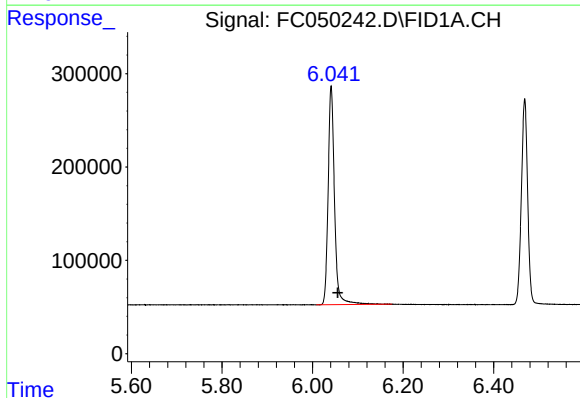
#1 n-Nonane (C9)

R.T.: 3.375 min
Delta R.T.: -0.012 min
Response: 2087738
Conc: 21.07 ug/ml



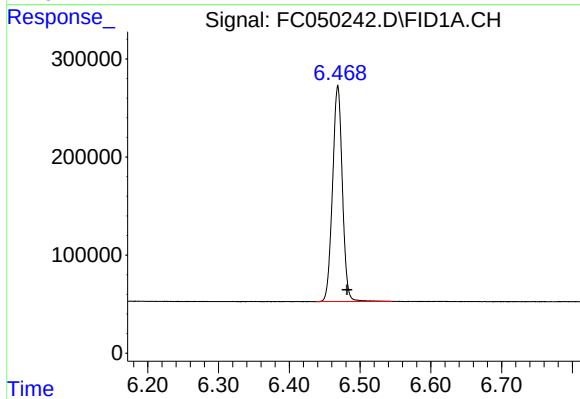
#2 n-Decane (C10)

R.T.: 4.447 min
Delta R.T.: -0.013 min
Response: 2101067
Conc: 21.10 ug/ml



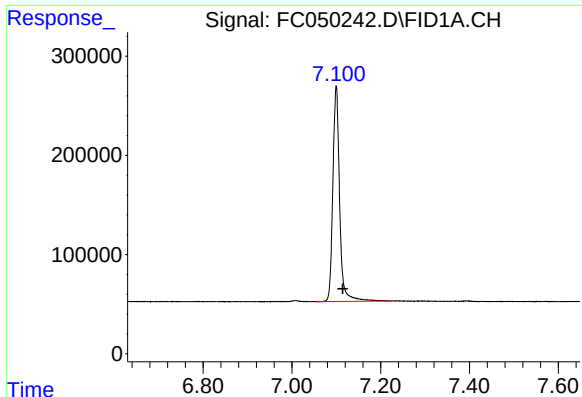
#3 A~Naphthalene (C11.7)

R.T.: 6.041 min
Delta R.T.: -0.015 min
Response: 2296456
Conc: 20.84 ug/ml



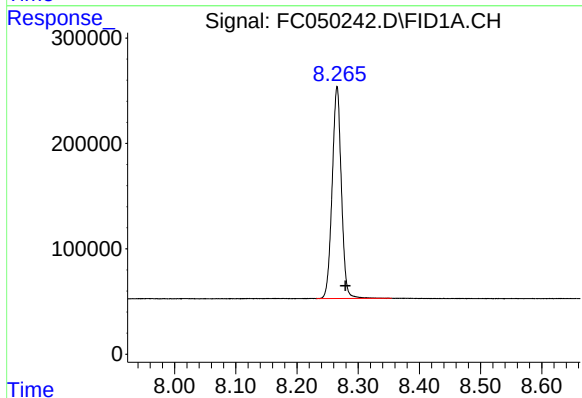
#4 n-Dodecane (C12)

R.T.: 6.468 min
Delta R.T.: -0.013 min
Response: 2123163
Conc: 21.04 ug/ml



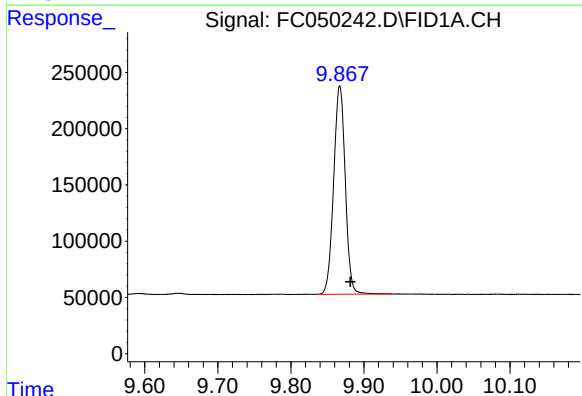
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.100 min
Delta R.T.: -0.015 min
Response: 2302922
Conc: 20.69 ug/ml



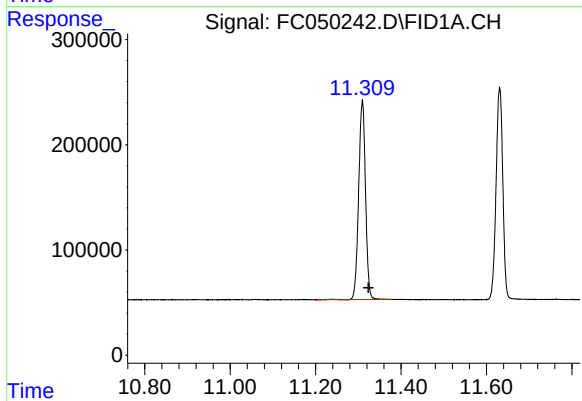
#6 n-Tetradecane (C14)

R.T.: 8.265 min
Delta R.T.: -0.014 min
Response: 2102060
Conc: 20.98 ug/ml



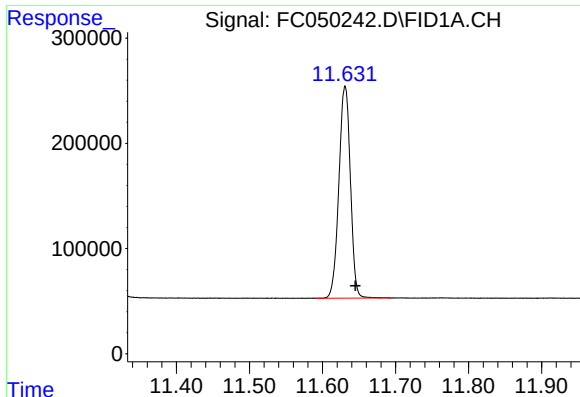
#7 n-Hexadecane (C16)

R.T.: 9.867 min
Delta R.T.: -0.014 min
Response: 2043195
Conc: 20.73 ug/ml



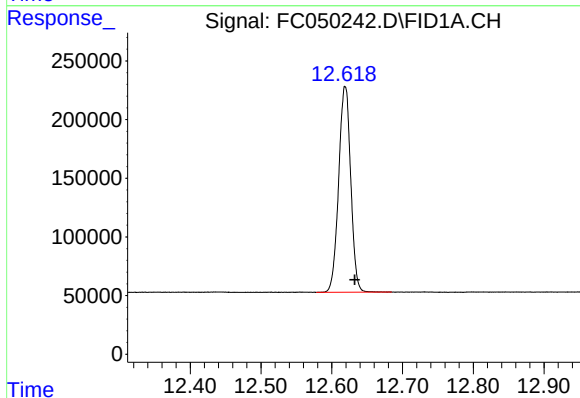
#8 n-Octadecane (C18)

R.T.: 11.309 min
Delta R.T.: -0.014 min
Response: 2109156
Conc: 20.42 ug/ml



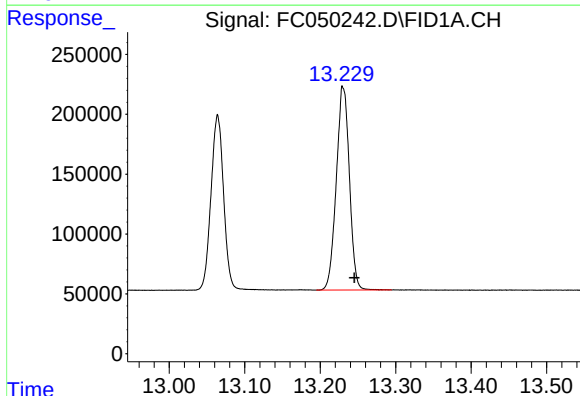
#9 ortho-Terphenyl (SURR)

R.T.: 11.631 min
Delta R.T.: -0.014 min
Response: 2205537
Conc: 19.68 ug/ml



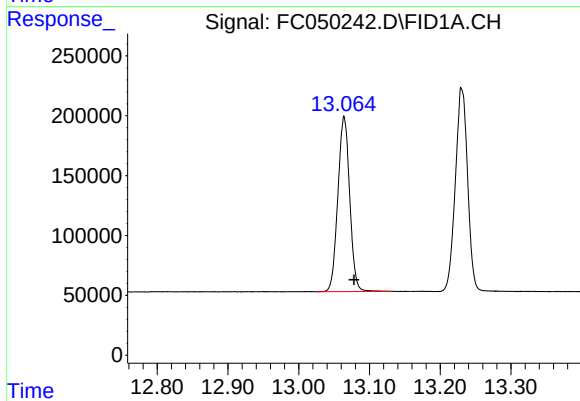
#10 n-Eicosane (C20)

R.T.: 12.619 min
Delta R.T.: -0.014 min
Response: 2077147
Conc: 19.96 ug/ml



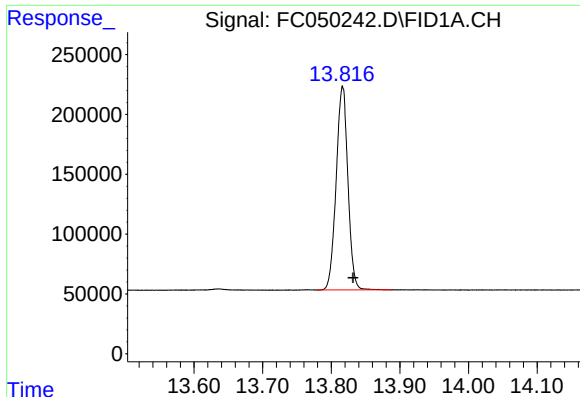
#11 n-Heneicosane (C21)

R.T.: 13.231 min
Delta R.T.: -0.015 min
Response: 2050924
Conc: 19.74 ug/ml



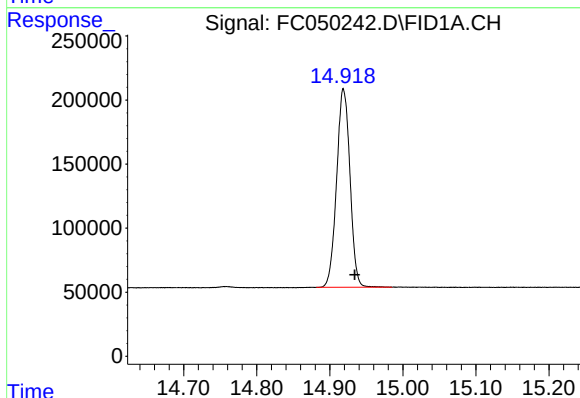
#12 1-chlorooctadecane (SURR)

R.T.: 13.064 min
Delta R.T.: -0.014 min
Response: 1700815
Conc: 19.63 ug/ml



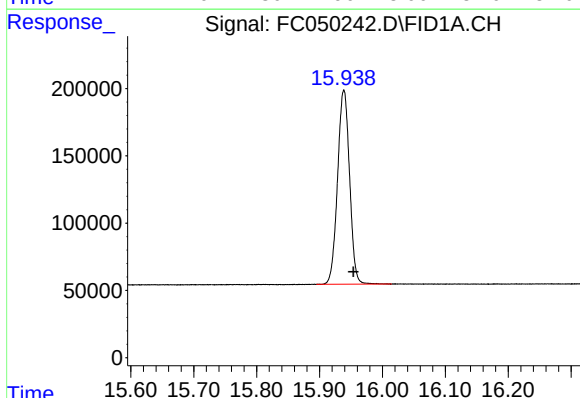
#13 n-Docosane (C22)

R.T.: 13.816 min
Delta R.T.: -0.015 min
Response: 2026543
Conc: 19.52 ug/ml



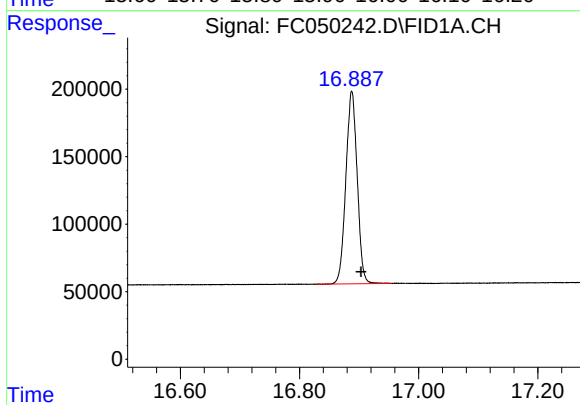
#14 n-Tetracosane (C24)

R.T.: 14.919 min
Delta R.T.: -0.015 min
Response: 1968750
Conc: 18.95 ug/ml



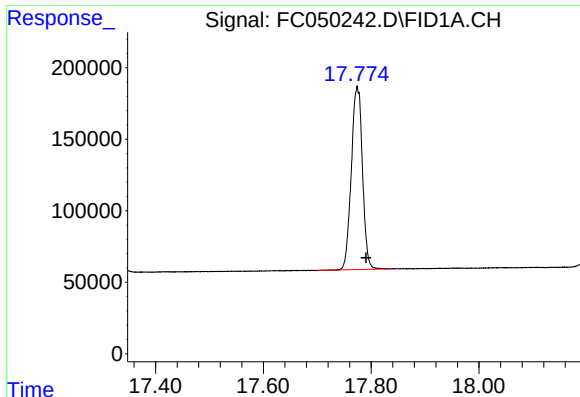
#15 n-Hexacosane (C26)

R.T.: 15.939 min
Delta R.T.: -0.015 min
Response: 1914951
Conc: 18.58 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.888 min
Delta R.T.: -0.016 min
Response: 1885792
Conc: 18.22 ug/ml



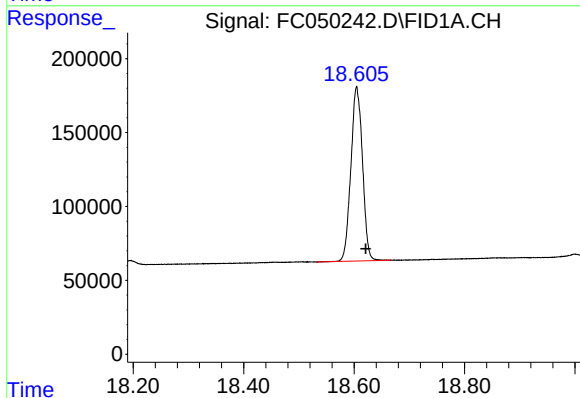
#17 n-Tricontane (C30)

R.T.: 17.774 min

Delta R.T.: -0.017 min

Response: 1830179

Conc: 17.93 ug/ml



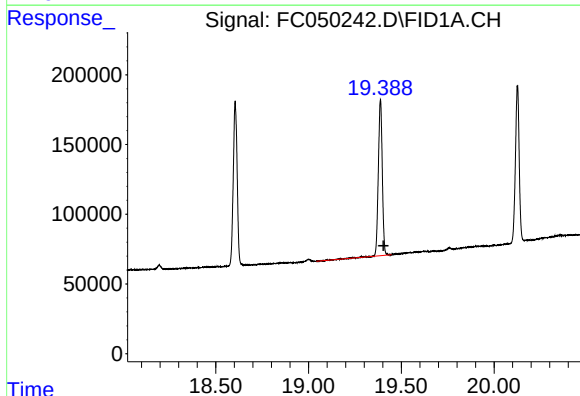
#18 n-Dotriacontane (C32)

R.T.: 18.605 min

Delta R.T.: -0.016 min

Response: 1718409

Conc: 17.89 ug/ml



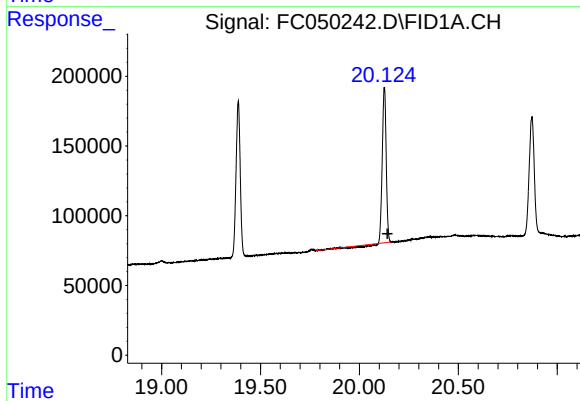
#19 n-Tetratriacontane (C34)

R.T.: 19.387 min

Delta R.T.: -0.016 min

Response: 1654945

Conc: 18.04 ug/ml



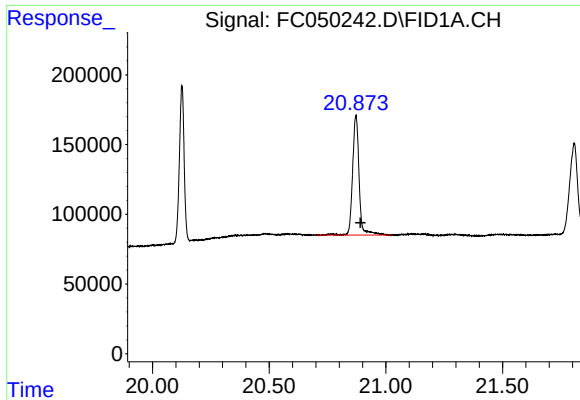
#20 n-Hexatriacontane (C36)

R.T.: 20.126 min

Delta R.T.: -0.016 min

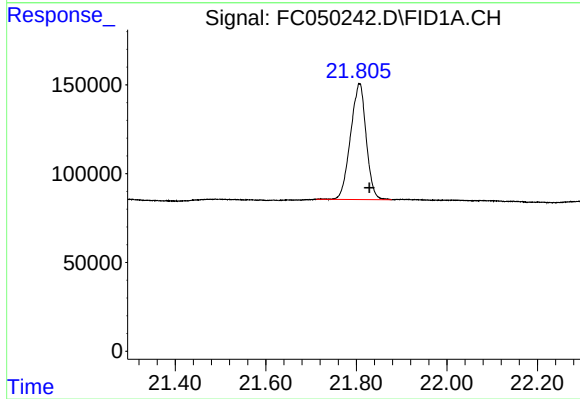
Response: 1471905

Conc: 16.62 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.871 min
Delta R.T.: -0.020 min
Response: 1680648
Conc: 20.38 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.807 min
Delta R.T.: -0.022 min
Response: 1563964
Conc: 18.70 ug/ml