

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC121219AL\
 Data File : FC044883.D
 Signal(s) : FID1A.CH
 Acq On : 12 Dec 2019 12:22
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Dec 13 00:37:46 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 112219.M
 Quant Title : GC Extractables
 QLast Update : Sat Nov 23 03:00:37 2019
 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)	11.758	2303130	20.212 ug/ml
Spiked Amount 50.000		Recovery =	40.42%
12) S 1-chlorooctadecane (S...	13.182	1774417	20.038 ug/ml
Spiked Amount 50.000		Recovery =	40.08%
Target Compounds			
1) T n-Nonane (C9)	3.504	2137046	21.020 ug/ml
2) T n-Decane (C10)	4.578	2149603	21.167 ug/ml
3) T A~Naphthalene (C11.7)	6.180	2414728	21.135 ug/ml
4) T n-Dodecane (C12)	6.598	2169708	21.326 ug/ml
5) T A~2-methylnaphthalene...	7.235	2428388	21.178 ug/ml
6) T n-Tetradecane (C14)	8.390	2176737	21.355 ug/ml
7) T n-Hexadecane (C16)	9.988	2178878	21.235 ug/ml
8) T n-Octadecane (C18)	11.429	2164561	20.905 ug/ml
10) T n-Eicosane (C20)	12.735	2129117	20.410 ug/ml
11) T n-Heneicosane (C21)	13.346	2121977	20.117 ug/ml
13) T n-Docosane (C22)	13.931	2085902	19.773 ug/ml
14) T n-Tetracosane (C24)	15.034	2044275	19.095 ug/ml
15) T n-Hexacosane (C26)	16.053	1971996	18.529 ug/ml
16) T n-Octacosane (C28)	17.001	1900440	18.107 ug/ml
17) T n-Tricontane (C30)	17.887	1805147	18.029 ug/ml
18) T n-Dotriacontane (C32)	18.718	1526140	18.329 ug/ml
19) T n-Tetratriacontane (C34)	19.500	1318184	19.213 ug/ml
20) T n-Hexatriacontane (C36)	20.239	1224978	20.523 ug/ml
21) T n-Octatriacontane (C38)	21.010	1135269	21.118 ug/ml
22) T n-Tetracontane (C40)	21.983	1138387	21.248 ug/ml

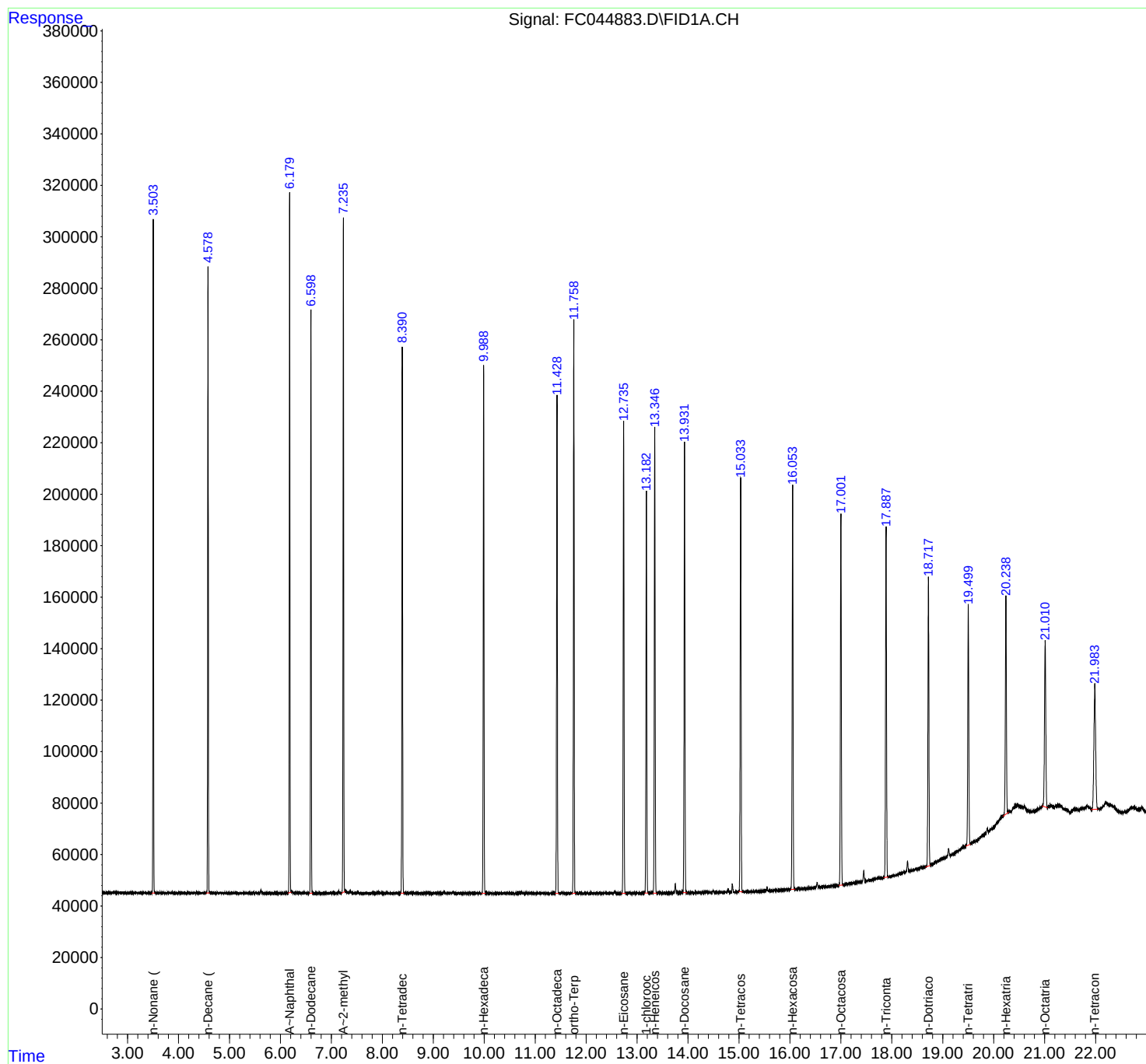
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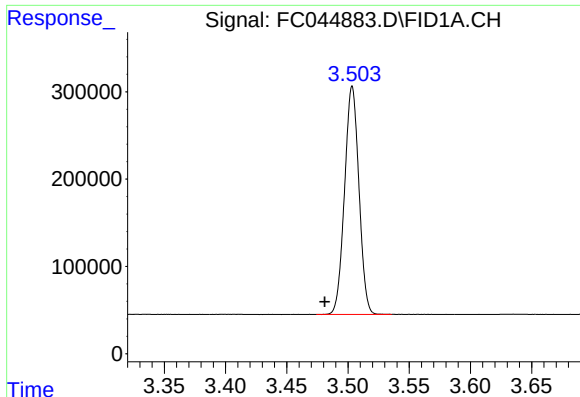
(m)=manual int.

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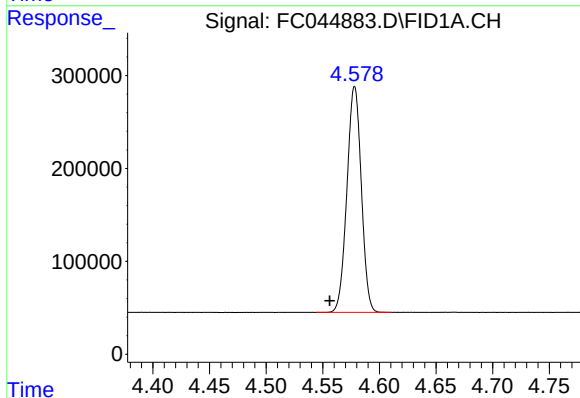
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Signal Info : 20M x 0.18mm x 0.18um





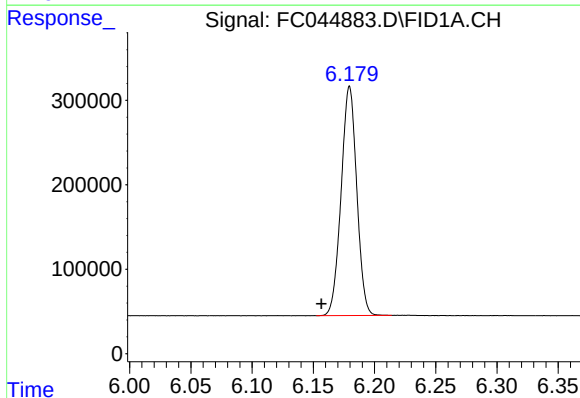
#1 n-Nonane (C9)

R.T.: 3.504 min
Delta R.T.: 0.023 min
Response: 2137046
Conc: 21.02 ug/ml



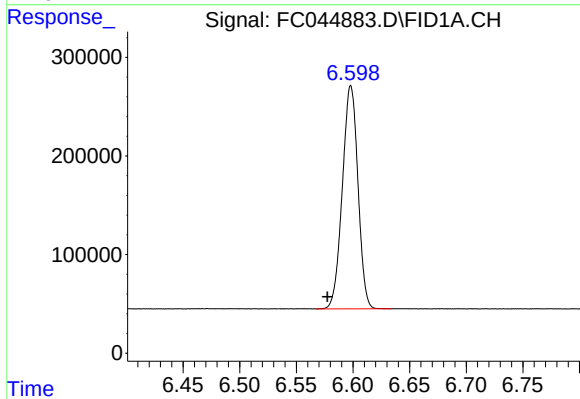
#2 n-Decane (C10)

R.T.: 4.578 min
Delta R.T.: 0.022 min
Response: 2149603
Conc: 21.17 ug/ml



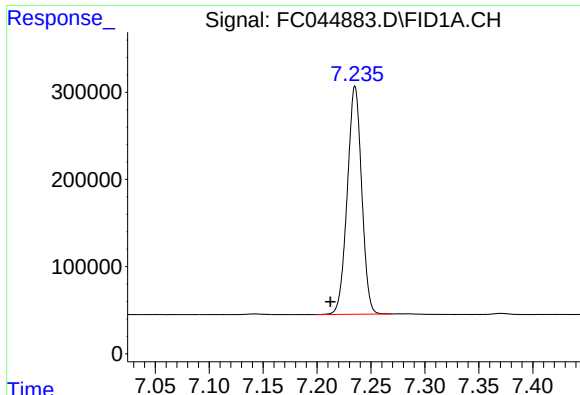
#3 A~Naphthalene (C11.7)

R.T.: 6.180 min
Delta R.T.: 0.023 min
Response: 2414728
Conc: 21.14 ug/ml



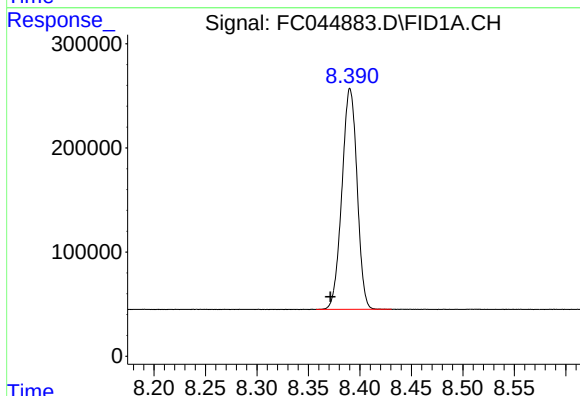
#4 n-Dodecane (C12)

R.T.: 6.598 min
Delta R.T.: 0.021 min
Response: 2169708
Conc: 21.33 ug/ml



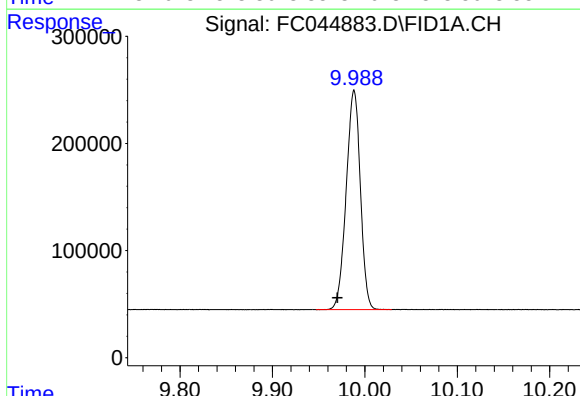
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.235 min
Delta R.T.: 0.023 min
Response: 2428388
Conc: 21.18 ug/ml



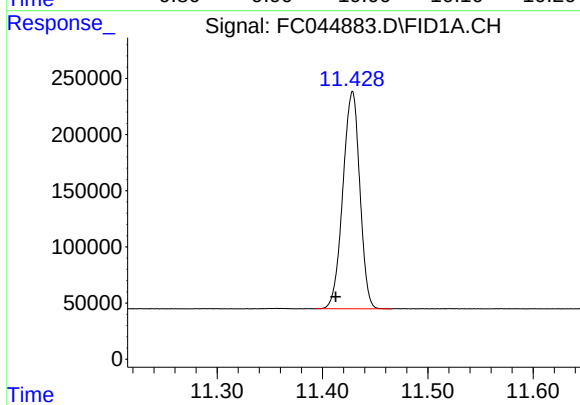
#6 n-Tetradecane (C14)

R.T.: 8.390 min
Delta R.T.: 0.019 min
Response: 2176737
Conc: 21.36 ug/ml



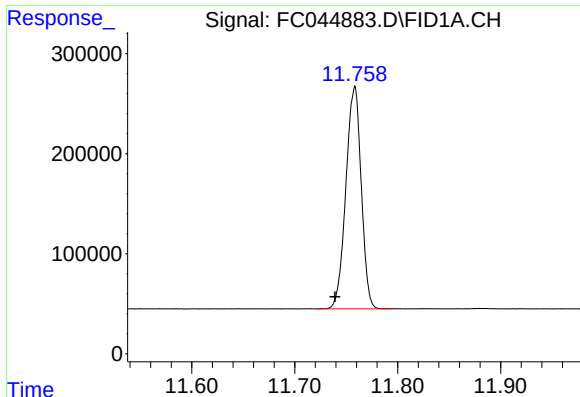
#7 n-Hexadecane (C16)

R.T.: 9.988 min
Delta R.T.: 0.018 min
Response: 2178878
Conc: 21.24 ug/ml



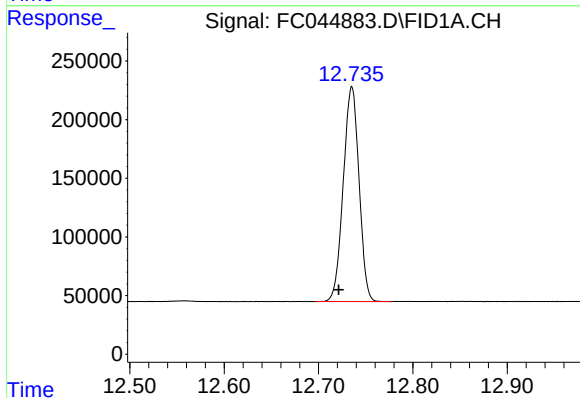
#8 n-Octadecane (C18)

R.T.: 11.429 min
Delta R.T.: 0.016 min
Response: 2164561
Conc: 20.91 ug/ml



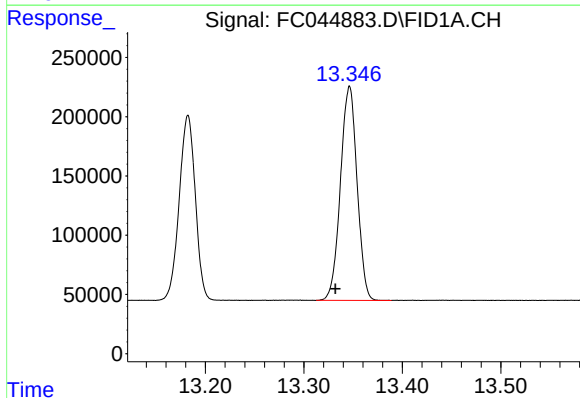
#9 ortho-Terphenyl (SURR)

R.T.: 11.758 min
Delta R.T.: 0.019 min
Response: 2303130
Conc: 20.21 ug/ml



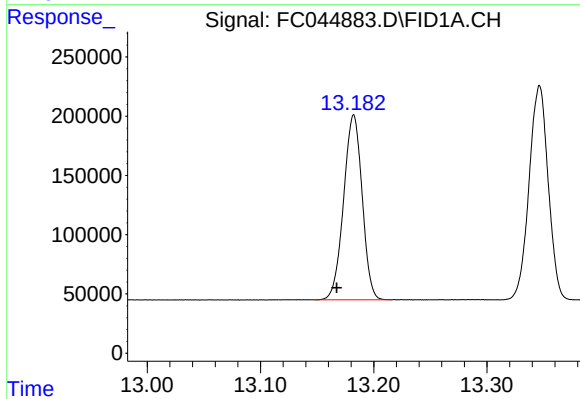
#10 n-Eicosane (C20)

R.T.: 12.735 min
Delta R.T.: 0.014 min
Response: 2129117
Conc: 20.41 ug/ml



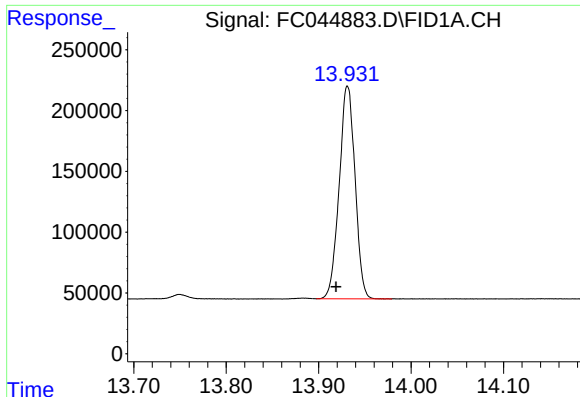
#11 n-Heneicosane (C21)

R.T.: 13.346 min
Delta R.T.: 0.014 min
Response: 2121977
Conc: 20.12 ug/ml



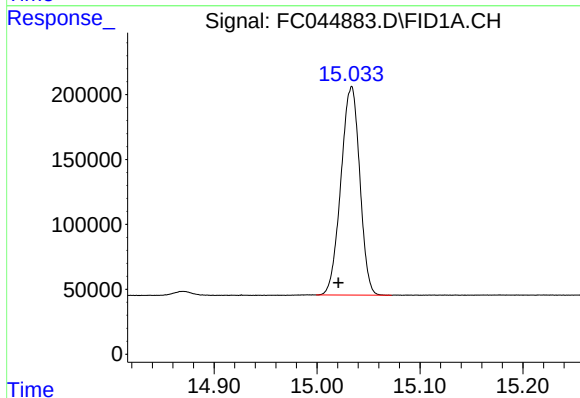
#12 1-chlorooctadecane (SURR)

R.T.: 13.182 min
Delta R.T.: 0.015 min
Response: 1774417
Conc: 20.04 ug/ml



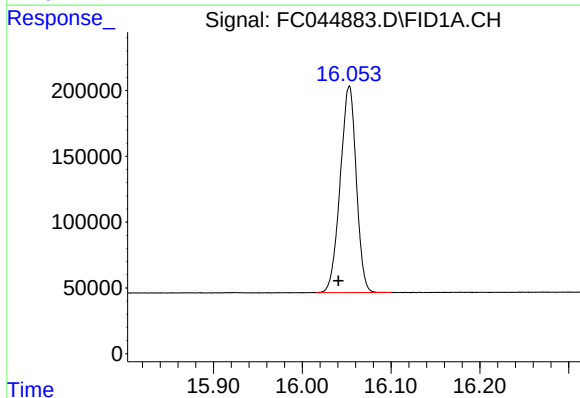
#13 n-Docosane (C22)

R.T.: 13.931 min
Delta R.T.: 0.012 min
Response: 2085902
Conc: 19.77 ug/ml



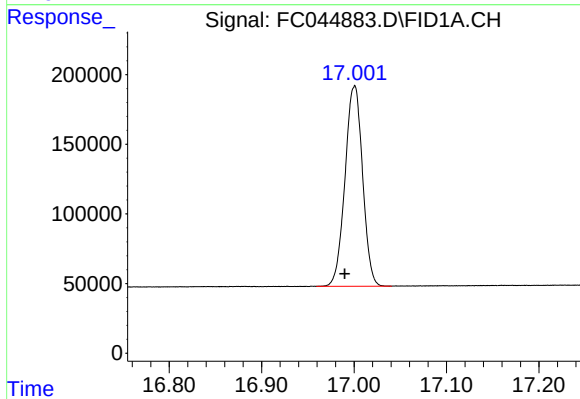
#14 n-Tetracosane (C24)

R.T.: 15.034 min
Delta R.T.: 0.013 min
Response: 2044275
Conc: 19.10 ug/ml



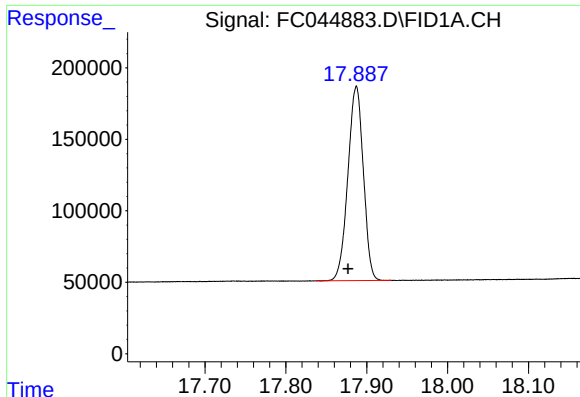
#15 n-Hexacosane (C26)

R.T.: 16.053 min
Delta R.T.: 0.012 min
Response: 1971996
Conc: 18.53 ug/ml



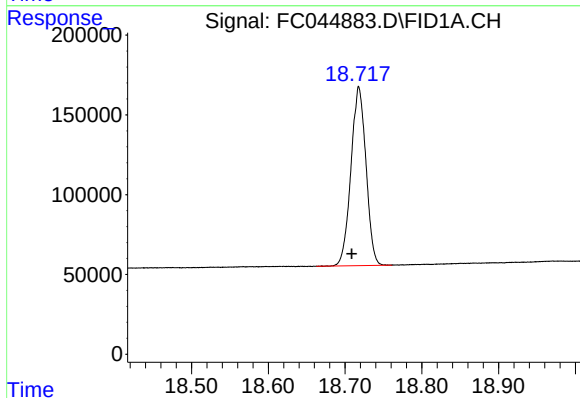
#16 n-Octacosane (C28)

R.T.: 17.001 min
Delta R.T.: 0.011 min
Response: 1900440
Conc: 18.11 ug/ml



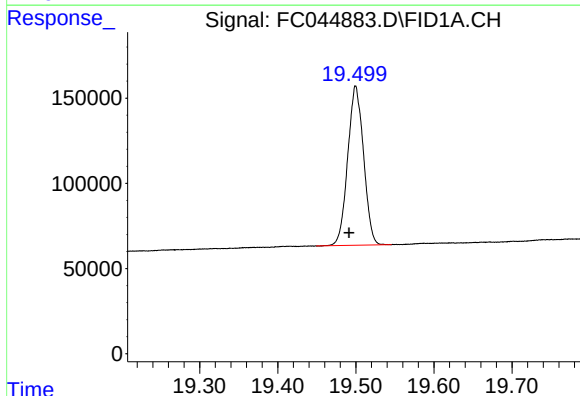
#17 n-Tricontane (C30)

R.T.: 17.887 min
Delta R.T.: 0.010 min
Response: 1805147
Conc: 18.03 ug/ml



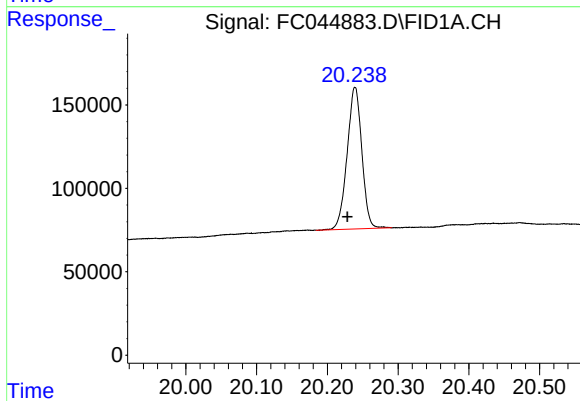
#18 n-Dotriacontane (C32)

R.T.: 18.718 min
Delta R.T.: 0.009 min
Response: 1526140
Conc: 18.33 ug/ml



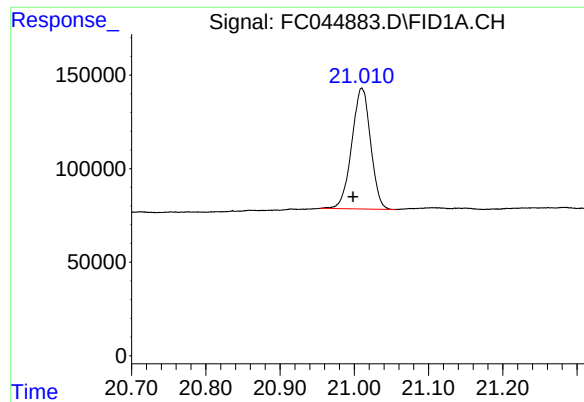
#19 n-Tetratriacontane (C34)

R.T.: 19.500 min
Delta R.T.: 0.009 min
Response: 1318184
Conc: 19.21 ug/ml



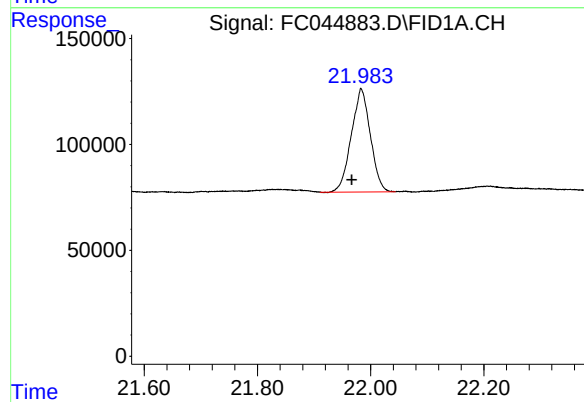
#20 n-Hexatriacontane (C36)

R.T.: 20.239 min
Delta R.T.: 0.011 min
Response: 1224978
Conc: 20.52 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.010 min
Delta R.T.: 0.011 min
Response: 1135269
Conc: 21.12 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.983 min
Delta R.T.: 0.017 min
Response: 1138387
Conc: 21.25 ug/ml