

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC040620AL\
 Data File : FC046659.D
 Signal(s) : FID1A.CH
 Acq On : 06 Apr 2020 15:34
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Apr 07 03:05:19 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)	11.763	2118385	19.379 ug/ml
Spiked Amount 50.000		Recovery =	38.76%
12) S 1-chlorooctadecane (S...	13.181	1646577	19.107 ug/ml
Spiked Amount 50.000		Recovery =	38.21%
Target Compounds			
1) T n-Nonane (C9)	3.544	2046072	21.305 ug/ml
2) T n-Decane (C10)	4.612	2047642	21.320 ug/ml
3) T A~Naphthalene (C11.7)	6.213	2154746	21.505 ug/ml
4) T n-Dodecane (C12)	6.620	2074679	21.255 ug/ml
5) T A~2-methylnaphthalene...	7.264	2157192	21.337 ug/ml
6) T n-Tetradecane (C14)	8.404	2052831	20.847 ug/ml
7) T n-Hexadecane (C16)	9.996	2042611	20.460 ug/ml
8) T n-Octadecane (C18)	11.431	2024225	19.944 ug/ml
10) T n-Eicosane (C20)	12.733	1982665	19.394 ug/ml
11) T n-Heneicosane (C21)	13.343	1975679	19.162 ug/ml
13) T n-Docosane (C22)	13.926	1940507	18.903 ug/ml
14) T n-Tetracosane (C24)	15.025	1901164	18.417 ug/ml
15) T n-Hexacosane (C26)	16.041	1856825	18.098 ug/ml
16) T n-Octacosane (C28)	16.987	1814312	17.827 ug/ml
17) T n-Tricontane (C30)	17.872	1735822	17.717 ug/ml
18) T n-Dotriacontane (C32)	18.700	1488970	17.760 ug/ml
19) T n-Tetratriacontane (C34)	19.481	1307345	18.247 ug/ml
20) T n-Hexatriacontane (C36)	20.216	1196960	17.086 ug/ml
21) T n-Octatriacontane (C38)	20.981	1213455	19.230 ug/ml
22) T n-Tetracontane (C40)	21.940	1298102	18.759 ug/ml

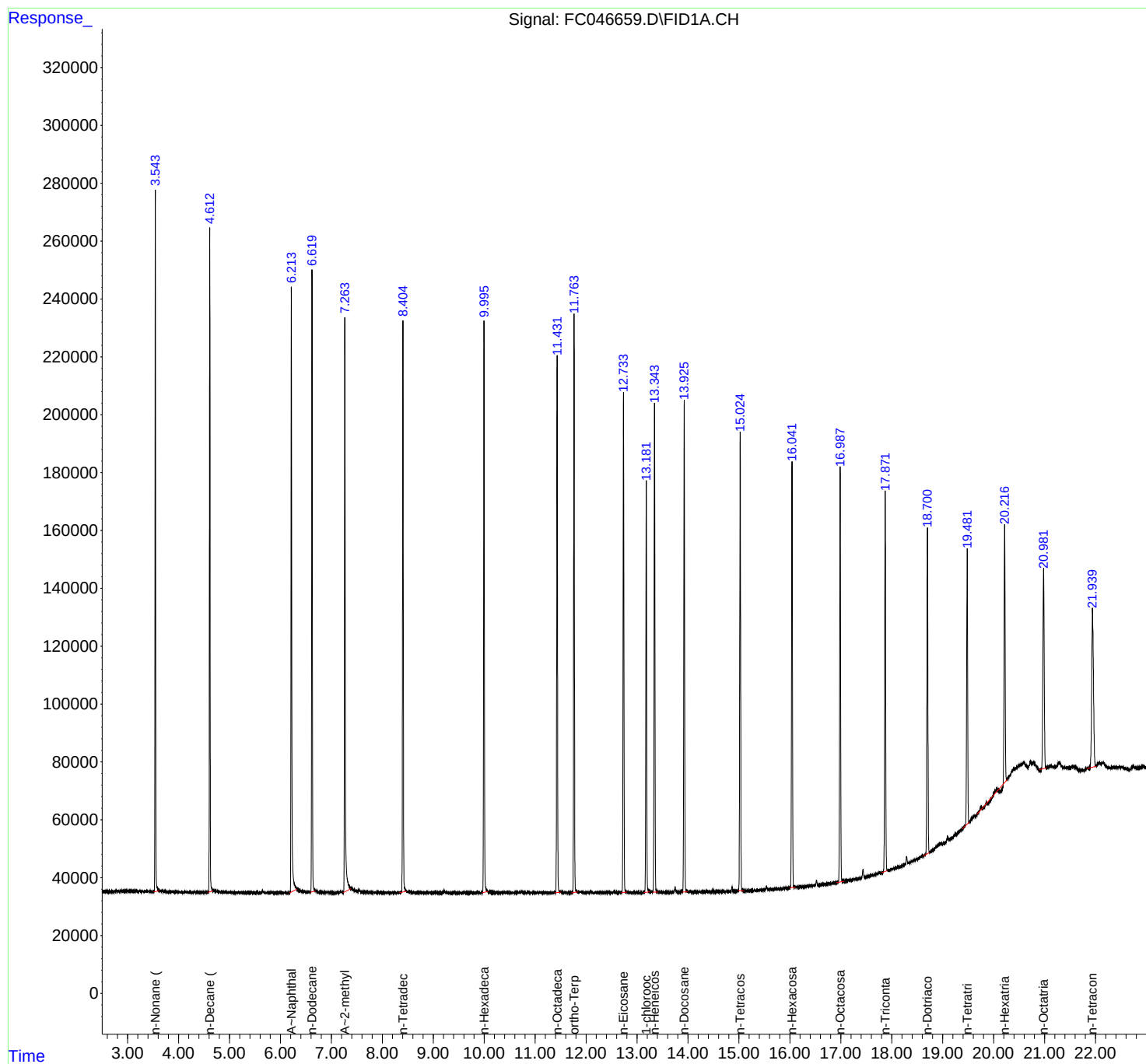
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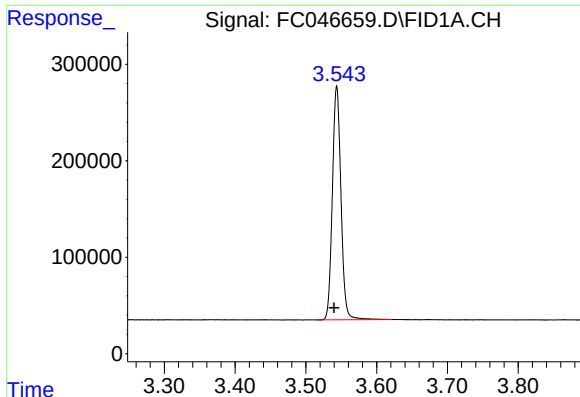
(m)=manual int.

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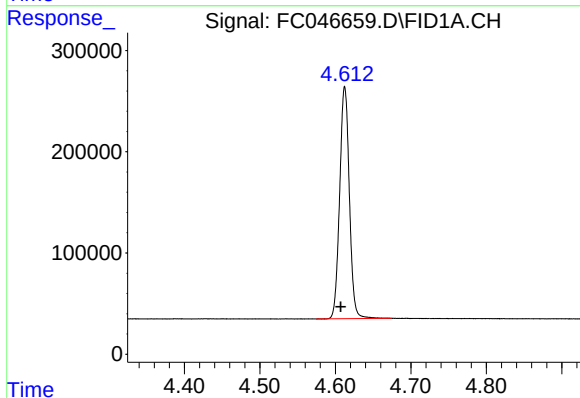
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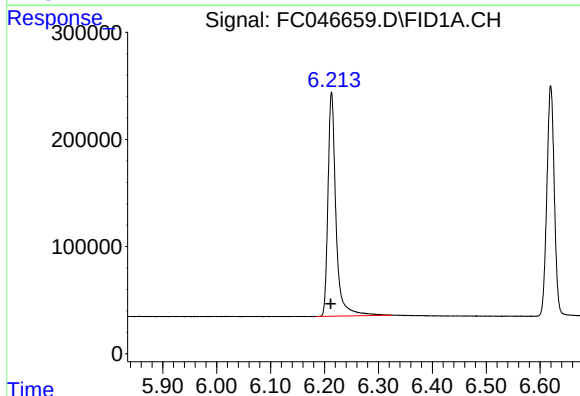
#1 n-Nonane (C9)

R.T.: 3.544 min
Delta R.T.: 0.004 min
Response: 2046072
Conc: 21.31 ug/ml



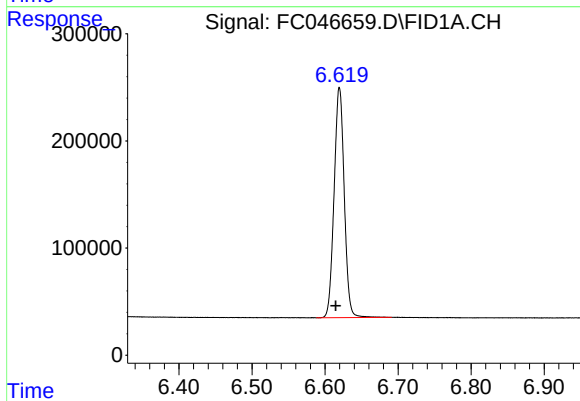
#2 n-Decane (C10)

R.T.: 4.612 min
Delta R.T.: 0.005 min
Response: 2047642
Conc: 21.32 ug/ml



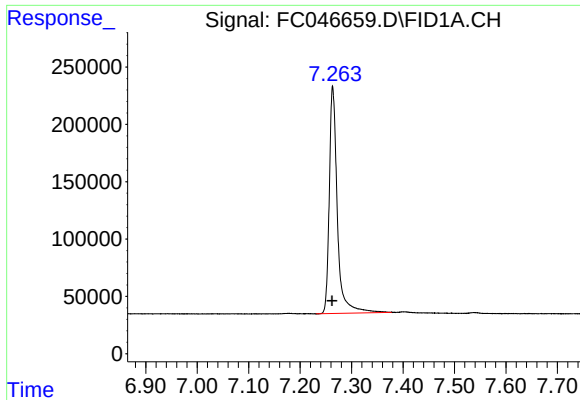
#3 A~Naphthalene (C11.7)

R.T.: 6.213 min
Delta R.T.: 0.002 min
Response: 2154746
Conc: 21.51 ug/ml



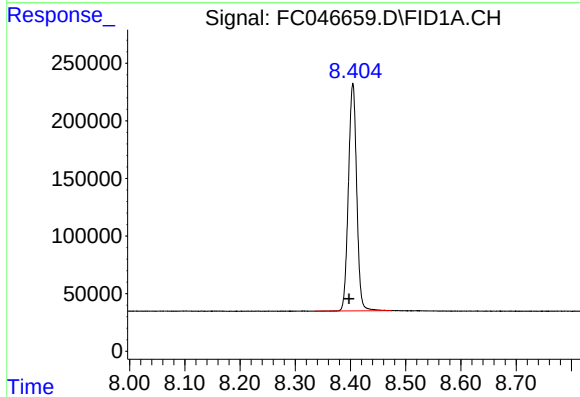
#4 n-Dodecane (C12)

R.T.: 6.620 min
Delta R.T.: 0.005 min
Response: 2074679
Conc: 21.26 ug/ml



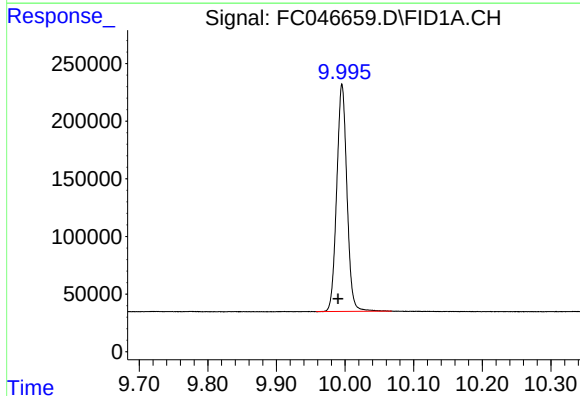
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.264 min
Delta R.T.: 0.002 min
Response: 2157192
Conc: 21.34 ug/ml



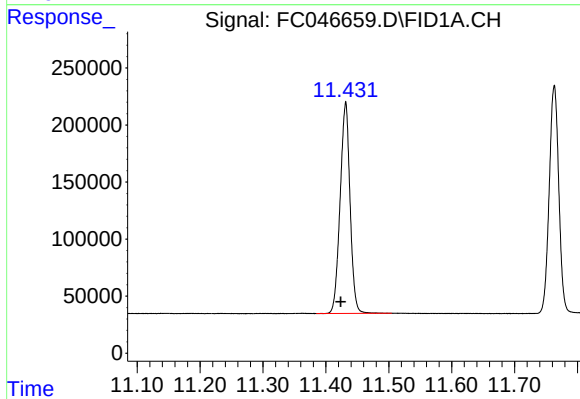
#6 n-Tetradecane (C14)

R.T.: 8.404 min
Delta R.T.: 0.007 min
Response: 2052831
Conc: 20.85 ug/ml



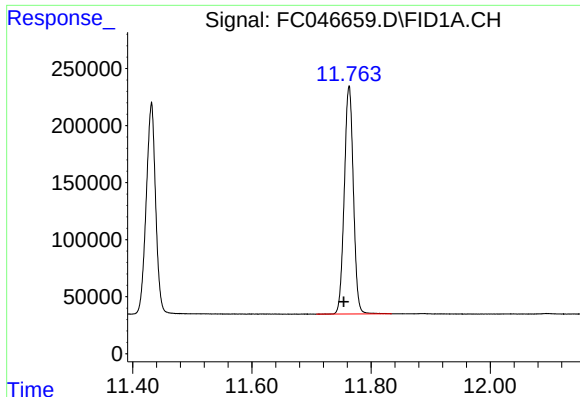
#7 n-Hexadecane (C16)

R.T.: 9.996 min
Delta R.T.: 0.006 min
Response: 2042611
Conc: 20.46 ug/ml



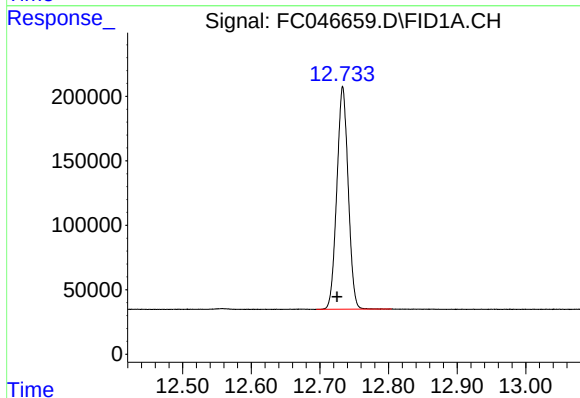
#8 n-Octadecane (C18)

R.T.: 11.431 min
Delta R.T.: 0.008 min
Response: 2024225
Conc: 19.94 ug/ml



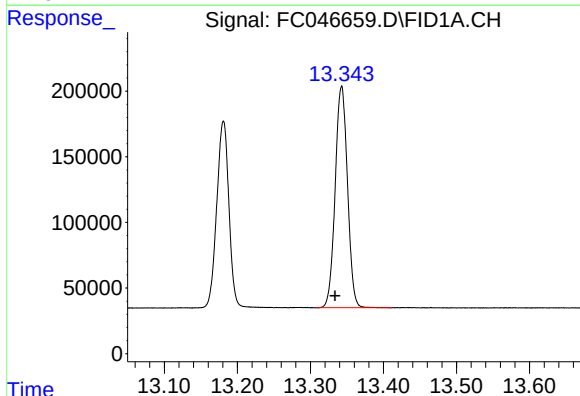
#9 ortho-Terphenyl (SURR)

R.T.: 11.763 min
Delta R.T.: 0.009 min
Response: 2118385
Conc: 19.38 ug/ml



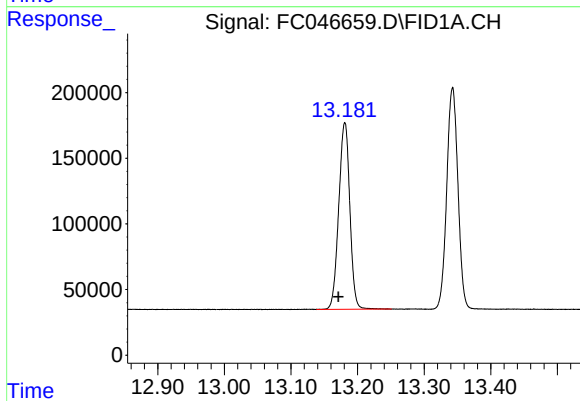
#10 n-Eicosane (C20)

R.T.: 12.733 min
Delta R.T.: 0.008 min
Response: 1982665
Conc: 19.39 ug/ml



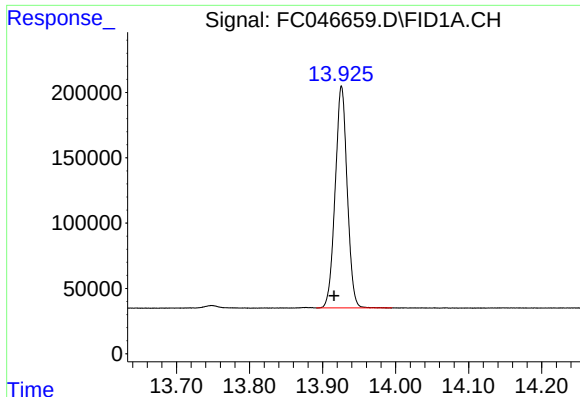
#11 n-Heneicosane (C21)

R.T.: 13.343 min
Delta R.T.: 0.009 min
Response: 1975679
Conc: 19.16 ug/ml



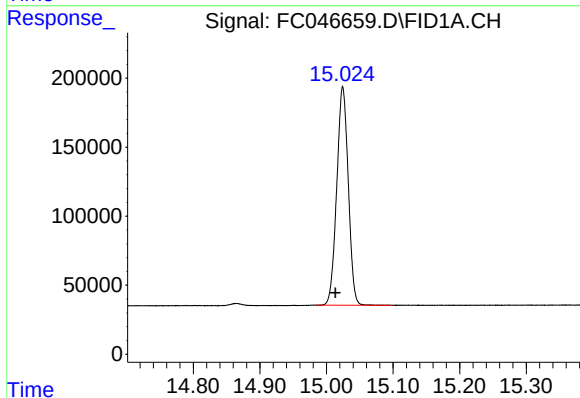
#12 1-chlorooctadecane (SURR)

R.T.: 13.181 min
Delta R.T.: 0.010 min
Response: 1646577
Conc: 19.11 ug/ml



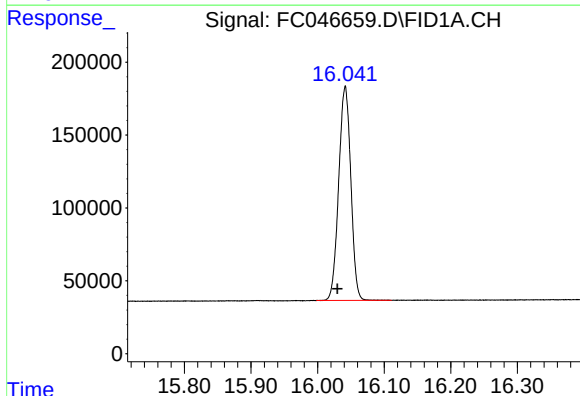
#13 n-Docosane (C22)

R.T.: 13.926 min
Delta R.T.: 0.010 min
Response: 1940507
Conc: 18.90 ug/ml



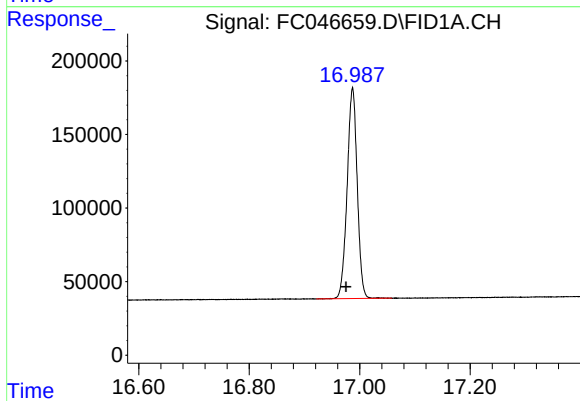
#14 n-Tetracosane (C24)

R.T.: 15.025 min
Delta R.T.: 0.011 min
Response: 1901164
Conc: 18.42 ug/ml



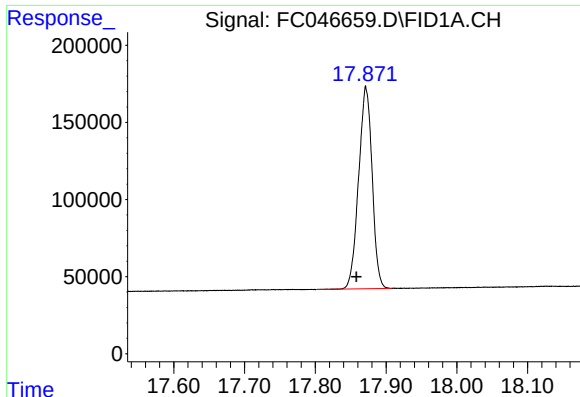
#15 n-Hexacosane (C26)

R.T.: 16.041 min
Delta R.T.: 0.011 min
Response: 1856825
Conc: 18.10 ug/ml



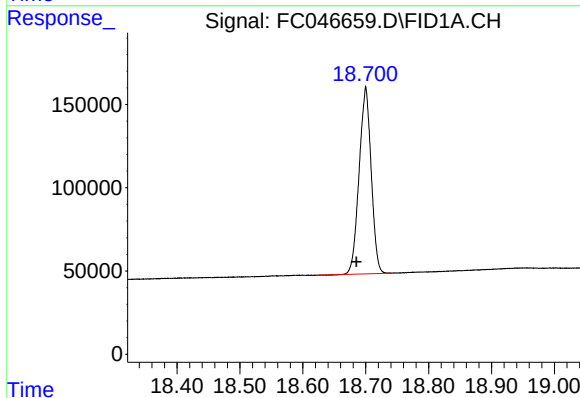
#16 n-Octacosane (C28)

R.T.: 16.987 min
Delta R.T.: 0.011 min
Response: 1814312
Conc: 17.83 ug/ml



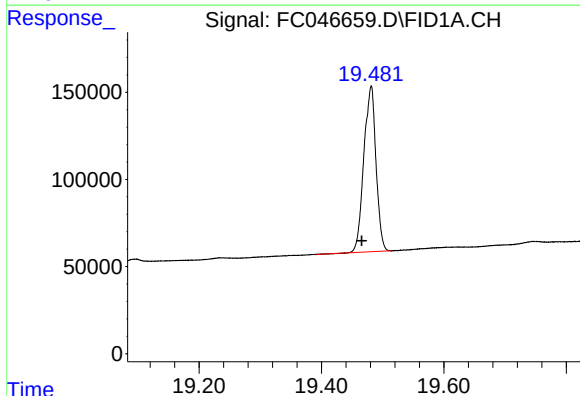
#17 n-Tricontane (C30)

R.T.: 17.872 min
Delta R.T.: 0.014 min
Response: 1735822
Conc: 17.72 ug/ml



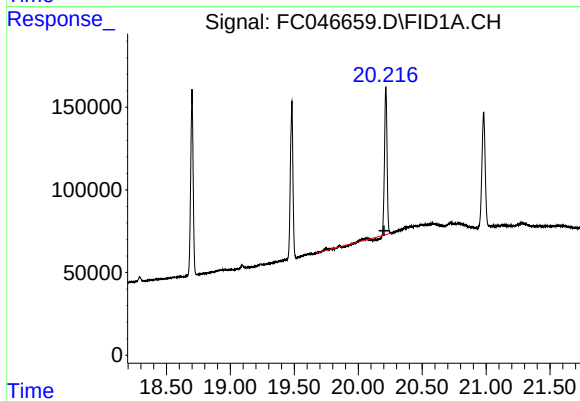
#18 n-Dotriacontane (C32)

R.T.: 18.700 min
Delta R.T.: 0.015 min
Response: 1488970
Conc: 17.76 ug/ml



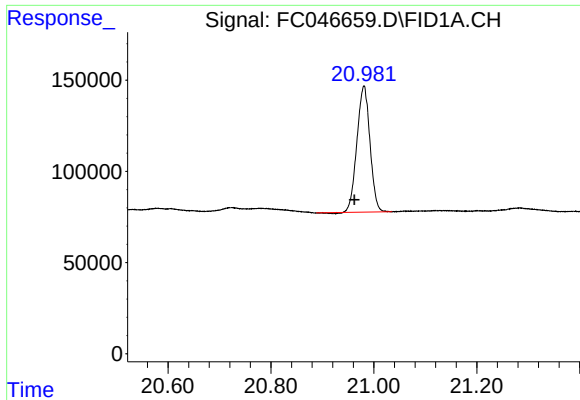
#19 n-Tetratriacontane (C34)

R.T.: 19.481 min
Delta R.T.: 0.015 min
Response: 1307345
Conc: 18.25 ug/ml



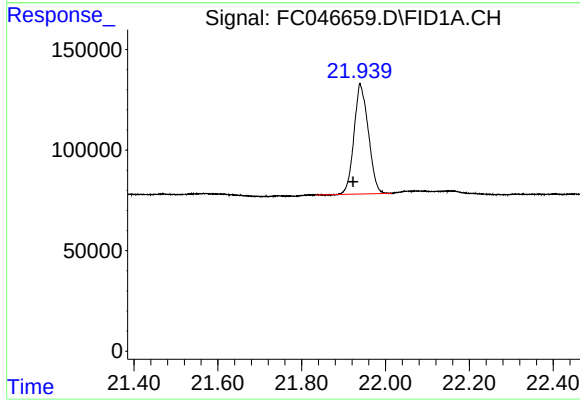
#20 n-Hexatriacontane (C36)

R.T.: 20.216 min
Delta R.T.: 0.014 min
Response: 1196960
Conc: 17.09 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.981 min
Delta R.T.: 0.018 min
Response: 1213455
Conc: 19.23 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.940 min
Delta R.T.: 0.017 min
Response: 1298102
Conc: 18.76 ug/ml