

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC021420AL\
 Data File : FC045823.D
 Signal(s) : FID1A.CH
 Acq On : 14 Feb 2020 10:24
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Feb 14 23:12:34 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 012120.M
 Quant Title : GC Extractables
 QLast Update : Wed Jan 22 04:15:47 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)	11.759	2092011	19.030 ug/ml
Spiked Amount 50.000		Recovery =	38.06%
12) S 1-chlorooctadecane (S...	13.179	1615572	18.582 ug/ml
Spiked Amount 50.000		Recovery =	37.16%
Target Compounds			
1) T n-Nonane (C9)	3.526	2098201	21.693 ug/ml
2) T n-Decane (C10)	4.598	2101783	21.701 ug/ml
3) T A~Naphthalene (C11.7)	6.198	2268135	21.236 ug/ml
4) T n-Dodecane (C12)	6.611	2112962	21.614 ug/ml
5) T A~2-methylnaphthalene...	7.251	2276016	21.233 ug/ml
6) T n-Tetradecane (C14)	8.398	2098543	21.296 ug/ml
7) T n-Hexadecane (C16)	9.991	2070185	20.678 ug/ml
8) T n-Octadecane (C18)	11.427	2030213	19.933 ug/ml
10) T n-Eicosane (C20)	12.732	1969291	19.203 ug/ml
11) T n-Heneicosane (C21)	13.343	1946556	18.806 ug/ml
13) T n-Docosane (C22)	13.927	1905694	18.470 ug/ml
14) T n-Tetracosane (C24)	15.026	1846871	17.773 ug/ml
15) T n-Hexacosane (C26)	16.043	1786040	17.287 ug/ml
16) T n-Octacosane (C28)	16.990	1741179	17.035 ug/ml
17) T n-Tricontane (C30)	17.874	1687828	17.193 ug/ml
18) T n-Dotriacontane (C32)	18.704	1451827	17.448 ug/ml
19) T n-Tetratriacontane (C34)	19.483	1264871	17.874 ug/ml
20) T n-Hexatriacontane (C36)	20.220	1167860	18.214 ug/ml
21) T n-Octatriacontane (C38)	20.987	1100022	18.807 ug/ml
22) T n-Tetracontane (C40)	21.951	1138511	19.300 ug/ml

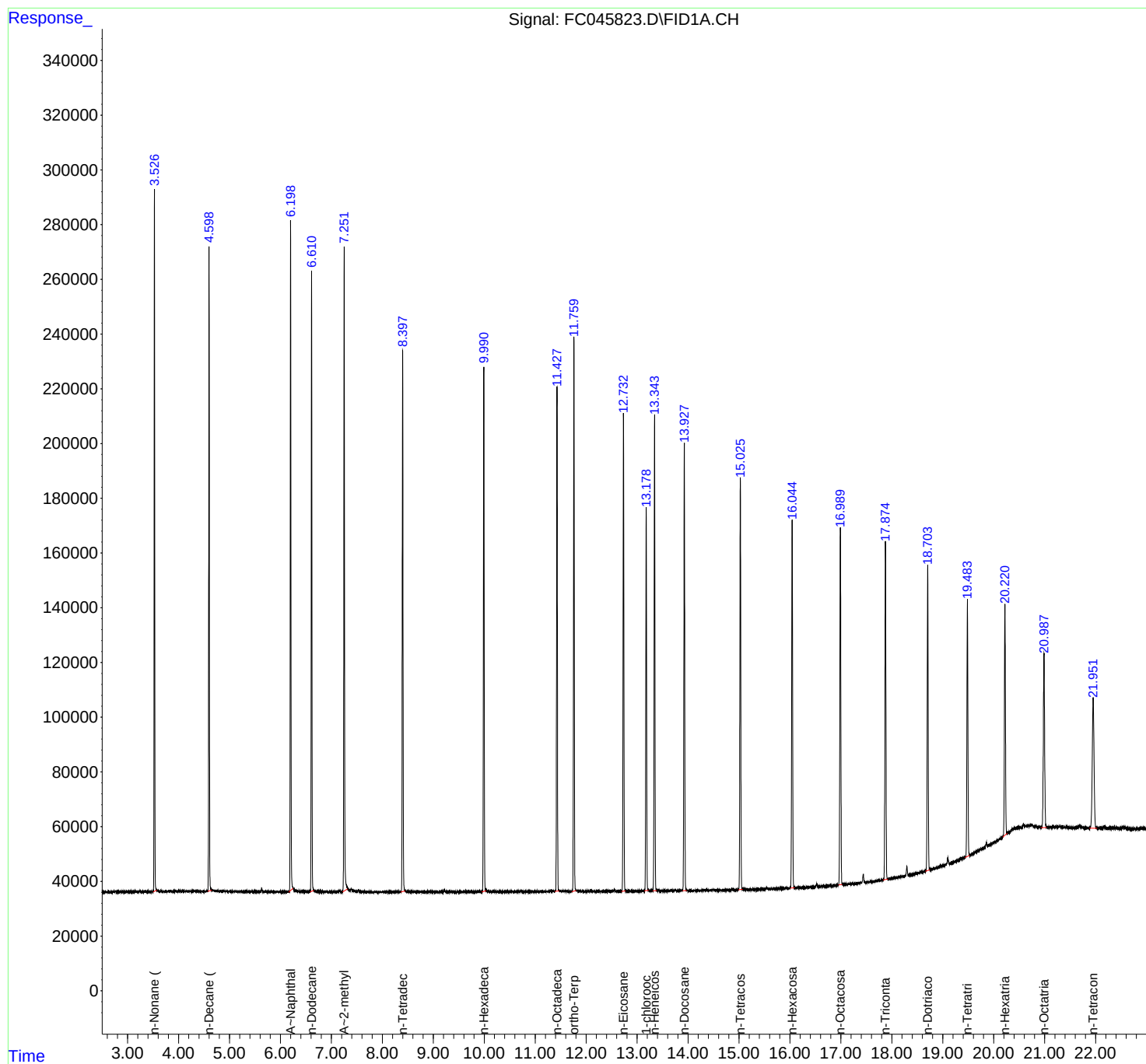
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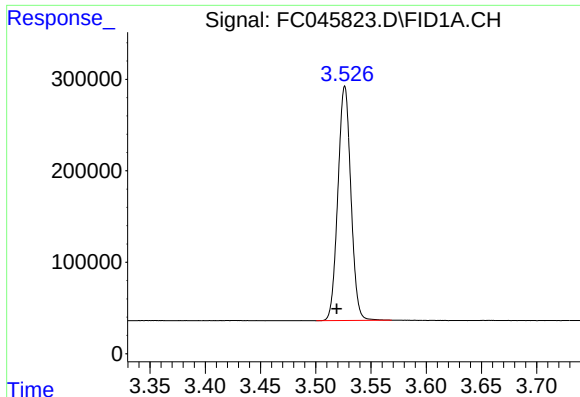
(m)=manual int.

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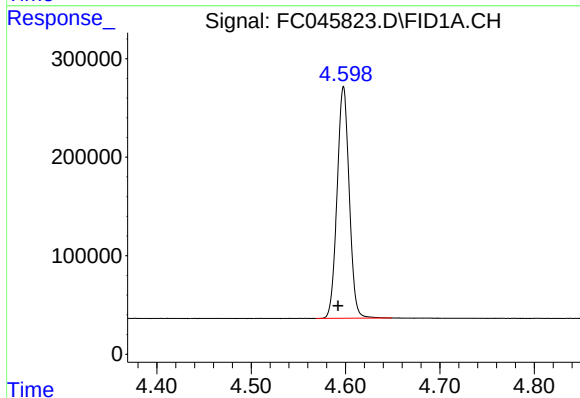
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Signal Info : 20M x 0.18mm x 0.18um





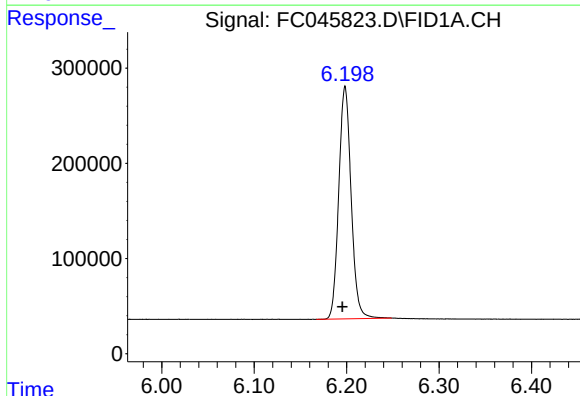
#1 n-Nonane (C9)

R.T.: 3.526 min
Delta R.T.: 0.007 min
Response: 2098201
Conc: 21.69 ug/ml



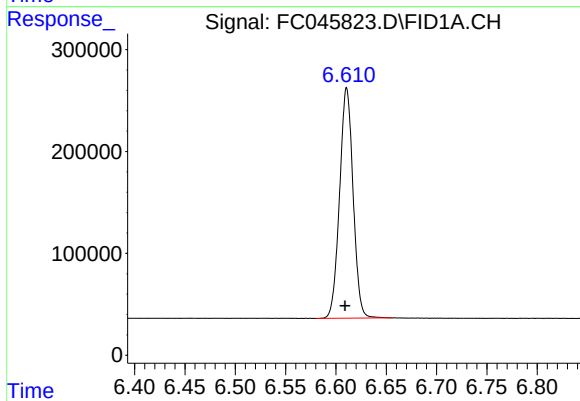
#2 n-Decane (C10)

R.T.: 4.598 min
Delta R.T.: 0.006 min
Response: 2101783
Conc: 21.70 ug/ml



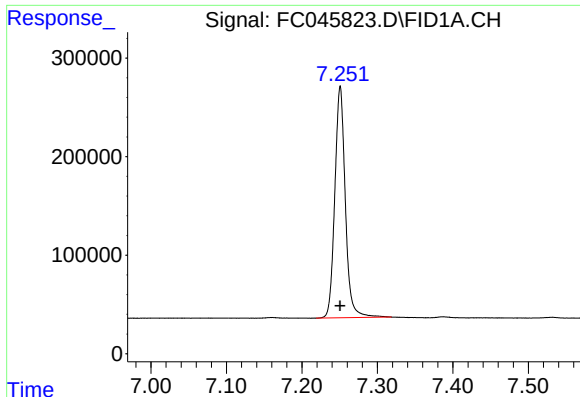
#3 A~Naphthalene (C11.7)

R.T.: 6.198 min
Delta R.T.: 0.003 min
Response: 2268135
Conc: 21.24 ug/ml



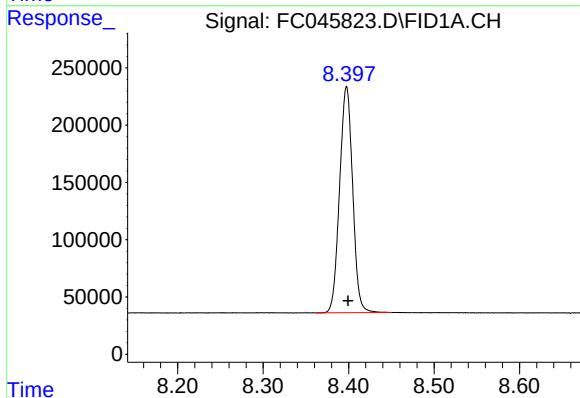
#4 n-Dodecane (C12)

R.T.: 6.611 min
Delta R.T.: 0.001 min
Response: 2112962
Conc: 21.61 ug/ml



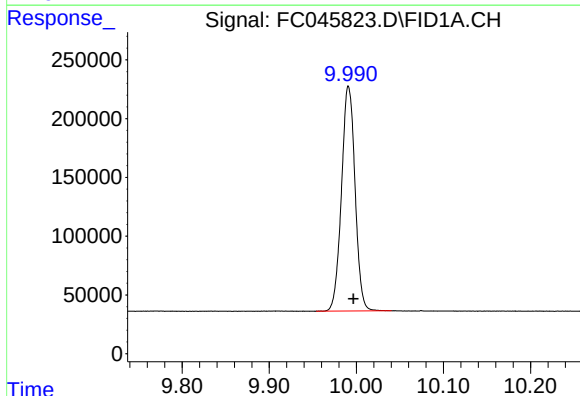
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.251 min
Delta R.T.: 0.000 min
Response: 2276016
Conc: 21.23 ug/ml



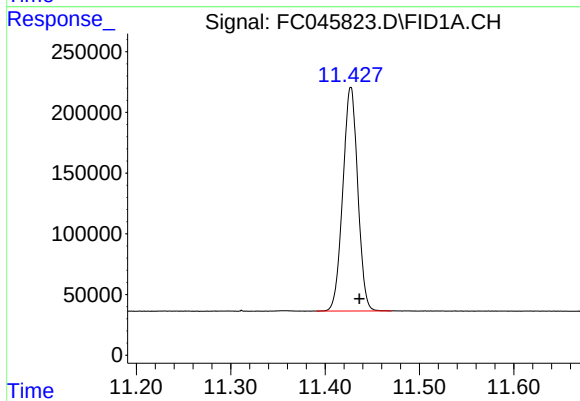
#6 n-Tetradecane (C14)

R.T.: 8.398 min
Delta R.T.: -0.002 min
Response: 2098543
Conc: 21.30 ug/ml



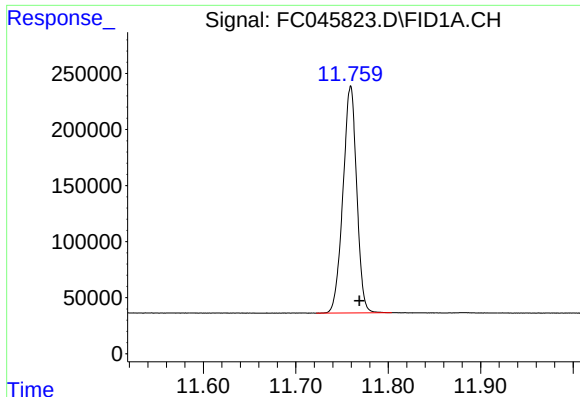
#7 n-Hexadecane (C16)

R.T.: 9.991 min
Delta R.T.: -0.006 min
Response: 2070185
Conc: 20.68 ug/ml



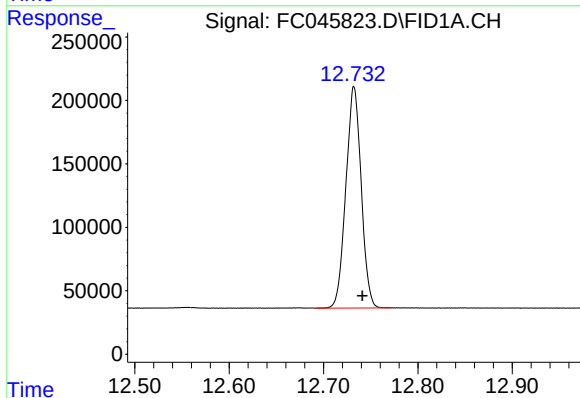
#8 n-Octadecane (C18)

R.T.: 11.427 min
Delta R.T.: -0.009 min
Response: 2030213
Conc: 19.93 ug/ml



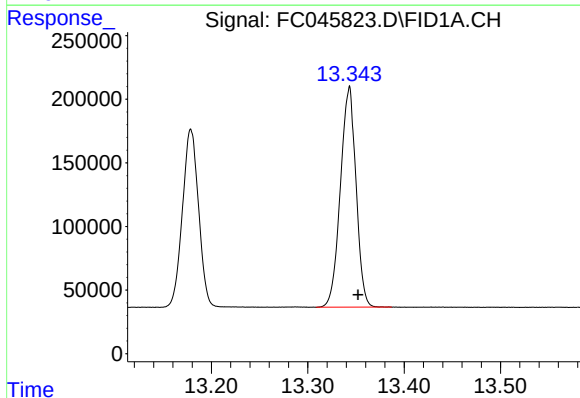
#9 ortho-Terphenyl (SURR)

R.T.: 11.759 min
Delta R.T.: -0.010 min
Response: 2092011
Conc: 19.03 ug/ml



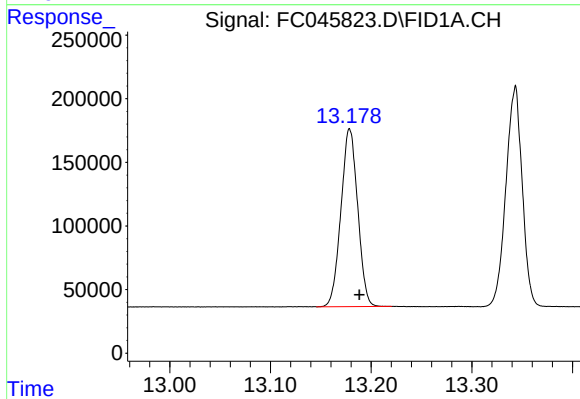
#10 n-Eicosane (C20)

R.T.: 12.732 min
Delta R.T.: -0.009 min
Response: 1969291
Conc: 19.20 ug/ml



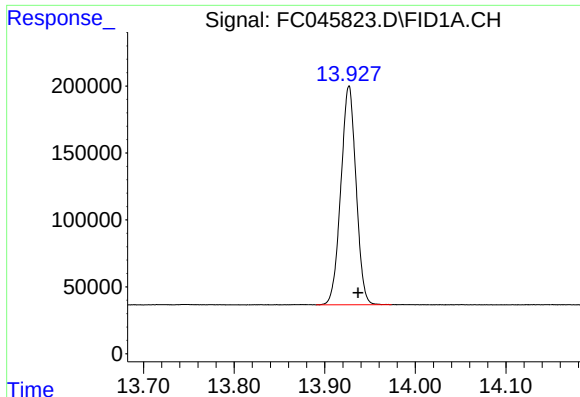
#11 n-Heneicosane (C21)

R.T.: 13.343 min
Delta R.T.: -0.009 min
Response: 1946556
Conc: 18.81 ug/ml



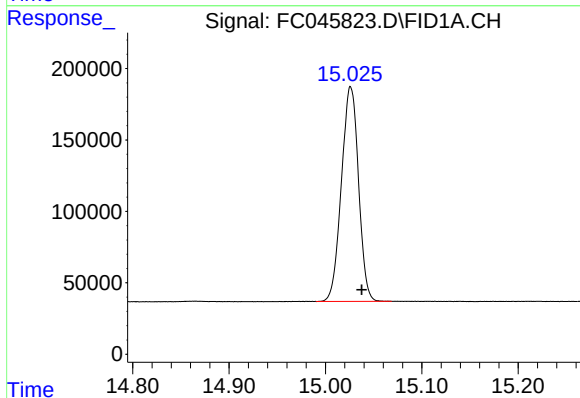
#12 1-chlorooctadecane (SURR)

R.T.: 13.179 min
Delta R.T.: -0.010 min
Response: 1615572
Conc: 18.58 ug/ml



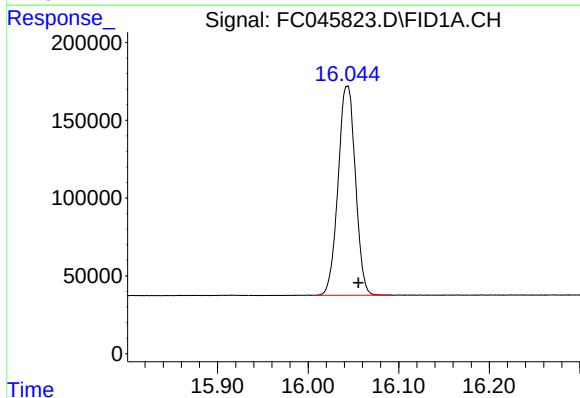
#13 n-Docosane (C22)

R.T.: 13.927 min
Delta R.T.: -0.010 min
Response: 1905694
Conc: 18.47 ug/ml



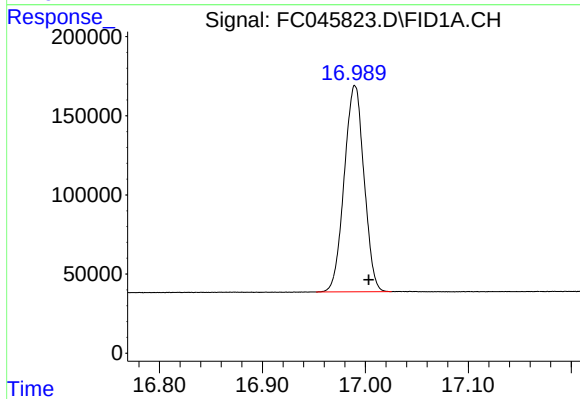
#14 n-Tetracosane (C24)

R.T.: 15.026 min
Delta R.T.: -0.011 min
Response: 1846871
Conc: 17.77 ug/ml



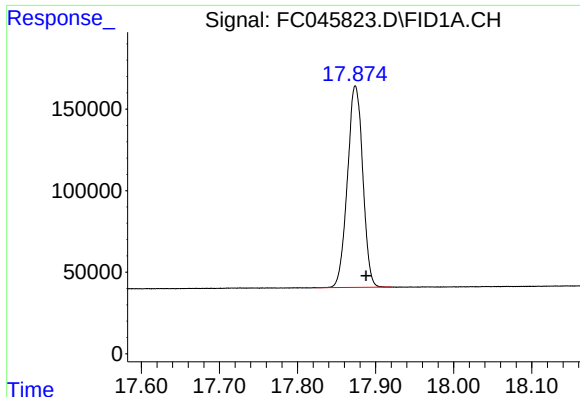
#15 n-Hexacosane (C26)

R.T.: 16.043 min
Delta R.T.: -0.012 min
Response: 1786040
Conc: 17.29 ug/ml



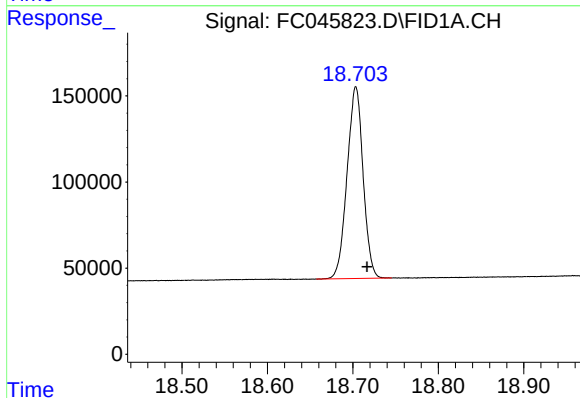
#16 n-Octacosane (C28)

R.T.: 16.990 min
Delta R.T.: -0.013 min
Response: 1741179
Conc: 17.04 ug/ml



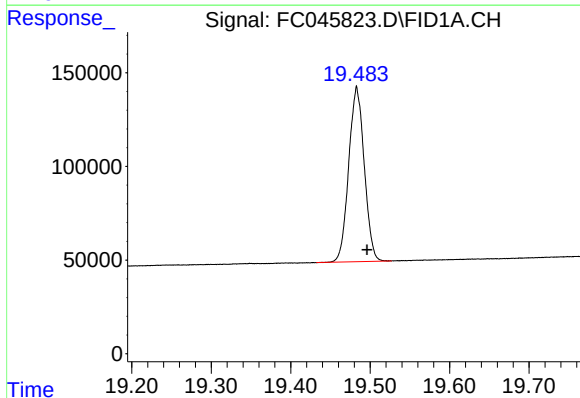
#17 n-Tricontane (C30)

R.T.: 17.874 min
Delta R.T.: -0.014 min
Response: 1687828
Conc: 17.19 ug/ml



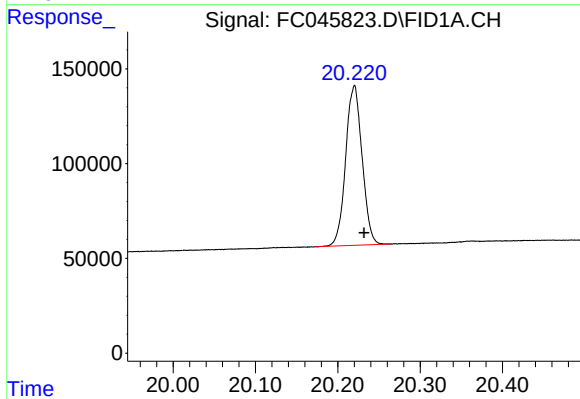
#18 n-Dotriacontane (C32)

R.T.: 18.704 min
Delta R.T.: -0.013 min
Response: 1451827
Conc: 17.45 ug/ml



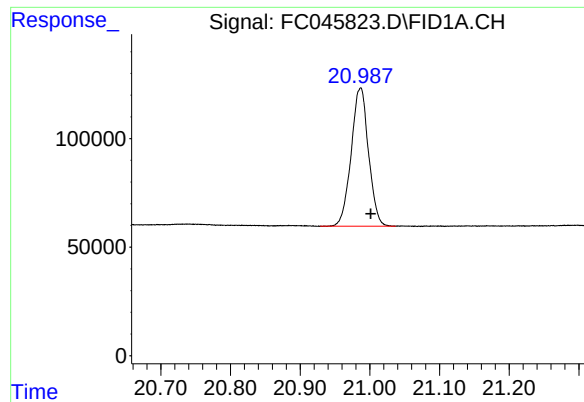
#19 n-Tetratriacontane (C34)

R.T.: 19.483 min
Delta R.T.: -0.013 min
Response: 1264871
Conc: 17.87 ug/ml



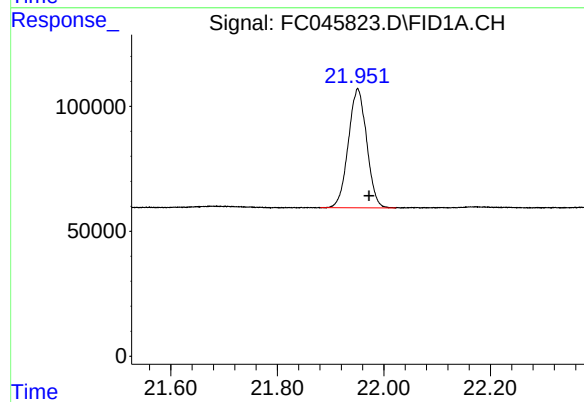
#20 n-Hexatriacontane (C36)

R.T.: 20.220 min
Delta R.T.: -0.012 min
Response: 1167860
Conc: 18.21 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.987 min
Delta R.T.: -0.015 min
Response: 1100022
Conc: 18.81 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.951 min
Delta R.T.: -0.021 min
Response: 1138511
Conc: 19.30 ug/ml