

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC121820AL\
 Data File : FC051378.D
 Signal(s) : FID1A.CH
 Acq On : 19 Dec 2020 1:16
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Dec 21 09:52:51 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 112720.M
 Quant Title : GC Extractables
 QLast Update : Mon Nov 30 10:42:25 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)	11.569	2071269	16.834 ug/ml
Spiked Amount 50.000		Recovery =	33.67%
12) S 1-chlorooctadecane (S...	13.003	1587804	16.276 ug/ml
Spiked Amount 50.000		Recovery =	32.55%
Target Compounds			
1) T n-Nonane (C9)	3.330	2046340	19.229 ug/ml
2) T n-Decane (C10)	4.398	2047382	19.277 ug/ml
3) T A~Naphthalene (C11.7)	5.988	2115048	18.813 ug/ml
4) T n-Dodecane (C12)	6.415	2092184	19.229 ug/ml
5) T A~2-methylnaphthalene...	7.045	2055581	18.189 ug/ml
6) T n-Tetradecane (C14)	8.209	2052645	18.971 ug/ml
7) T n-Hexadecane (C16)	9.809	1977995	18.432 ug/ml
8) T n-Octadecane (C18)	11.249	2010489	17.627 ug/ml
10) T n-Eicosane (C20)	12.558	1953248	16.814 ug/ml
11) T n-Heneicosane (C21)	13.169	1916060	16.537 ug/ml
13) T n-Docosane (C22)	13.754	1879747	16.230 ug/ml
14) T n-Tetracosane (C24)	14.856	1829771	15.910 ug/ml
15) T n-Hexacosane (C26)	15.874	1788319	15.883 ug/ml
16) T n-Octacosane (C28)	16.822	1788541	16.153 ug/ml
17) T n-Tricontane (C30)	17.708	1783714	16.792 ug/ml
18) T n-Dotriacontane (C32)	18.538	1686409	17.259 ug/ml
19) T n-Tetratriacontane (C34)	19.320	1623434	18.190 ug/ml
20) T n-Hexatriacontane (C36)	20.058	1570623	18.832 ug/ml
21) T n-Octatriacontane (C38)	20.791	1496544	19.217 ug/ml
22) T n-Tetracontane (C40)	21.701	1459417	17.626 ug/ml

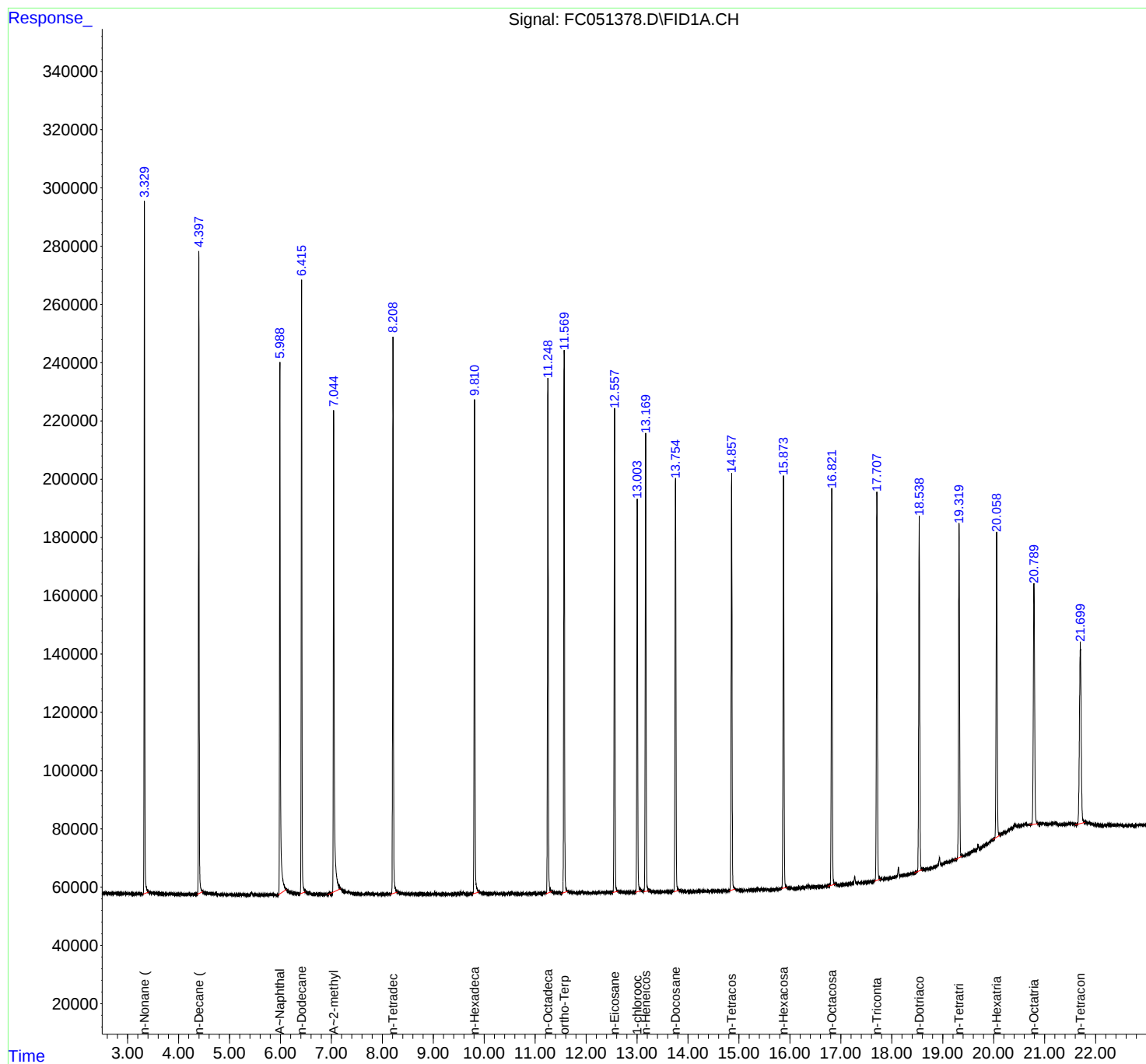
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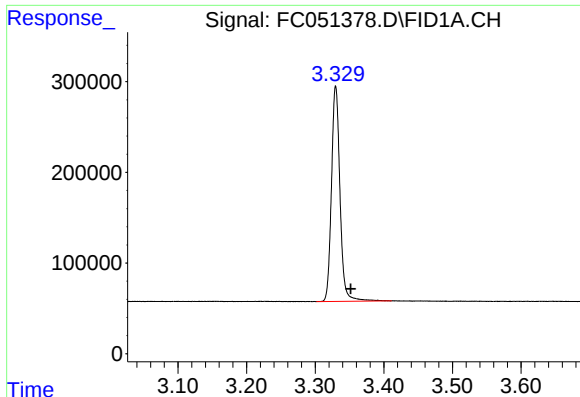
(m)=manual int.

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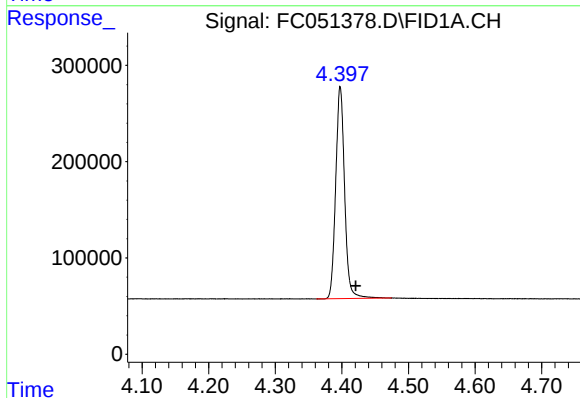
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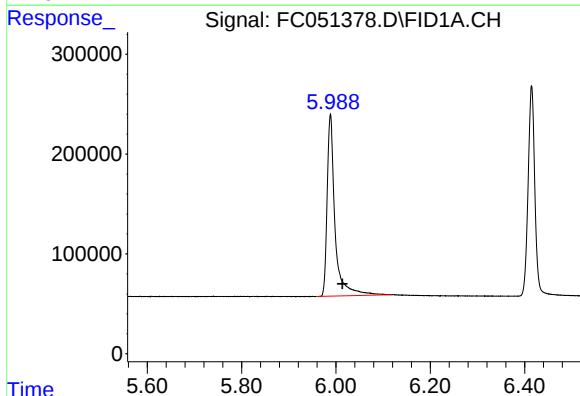
#1 n-Nonane (C9)

R.T.: 3.330 min
Delta R.T.: -0.022 min
Response: 2046340
Conc: 19.23 ug/ml



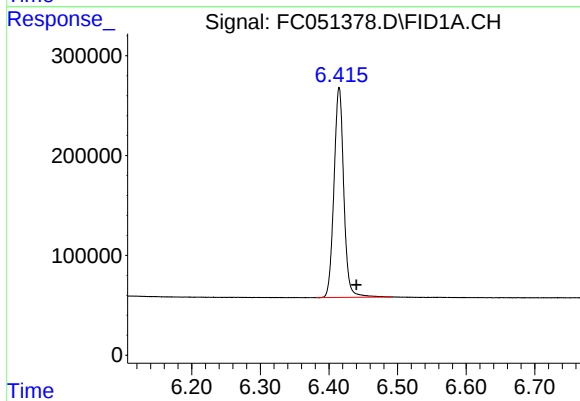
#2 n-Decane (C10)

R.T.: 4.398 min
Delta R.T.: -0.023 min
Response: 2047382
Conc: 19.28 ug/ml



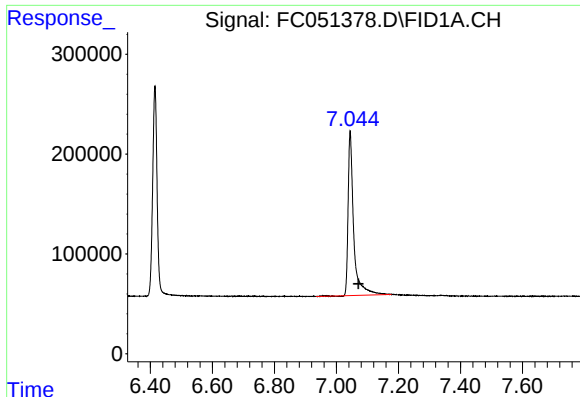
#3 A~Naphthalene (C11.7)

R.T.: 5.988 min
Delta R.T.: -0.025 min
Response: 2115048
Conc: 18.81 ug/ml



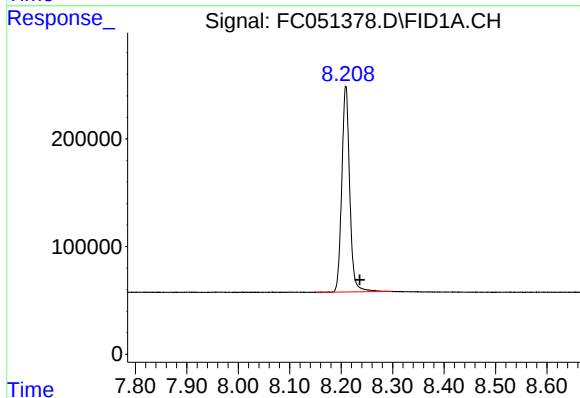
#4 n-Dodecane (C12)

R.T.: 6.415 min
Delta R.T.: -0.025 min
Response: 2092184
Conc: 19.23 ug/ml



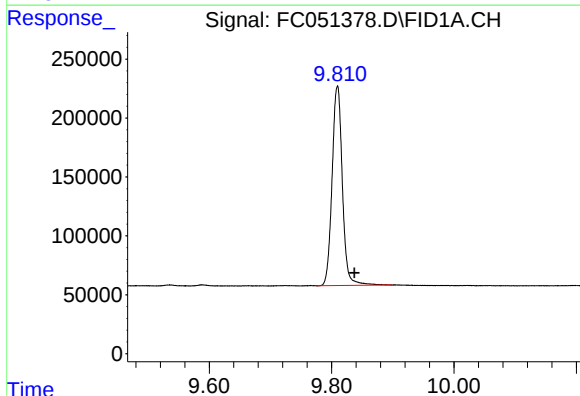
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.045 min
Delta R.T.: -0.026 min
Response: 2055581
Conc: 18.19 ug/ml



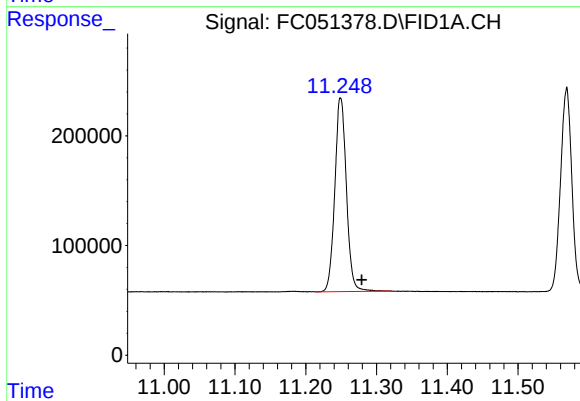
#6 n-Tetradecane (C14)

R.T.: 8.209 min
Delta R.T.: -0.027 min
Response: 2052645
Conc: 18.97 ug/ml



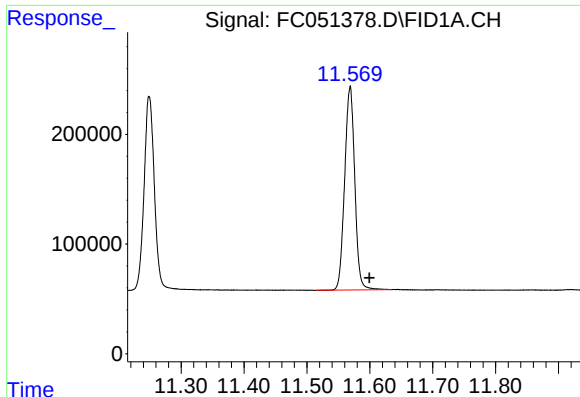
#7 n-Hexadecane (C16)

R.T.: 9.809 min
Delta R.T.: -0.028 min
Response: 1977995
Conc: 18.43 ug/ml



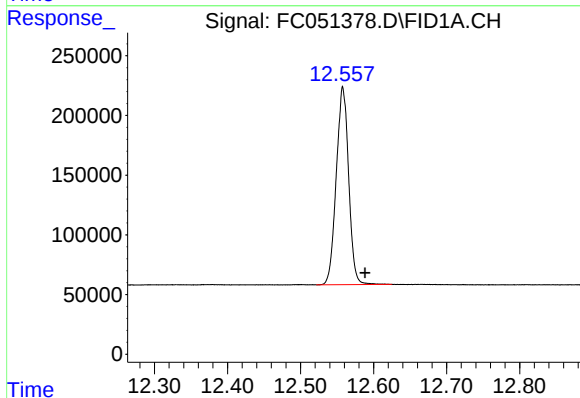
#8 n-Octadecane (C18)

R.T.: 11.249 min
Delta R.T.: -0.030 min
Response: 2010489
Conc: 17.63 ug/ml



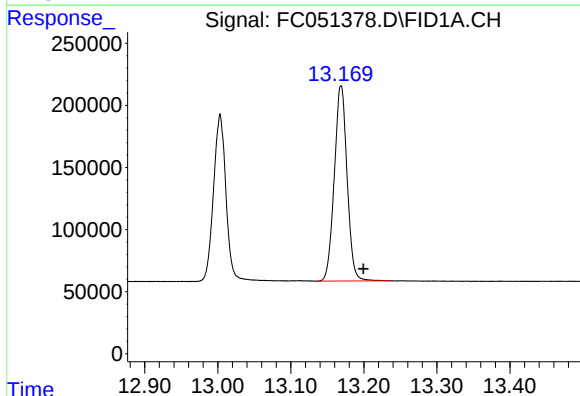
#9 ortho-Terphenyl (SURR)

R.T.: 11.569 min
Delta R.T.: -0.031 min
Response: 2071269
Conc: 16.83 ug/ml



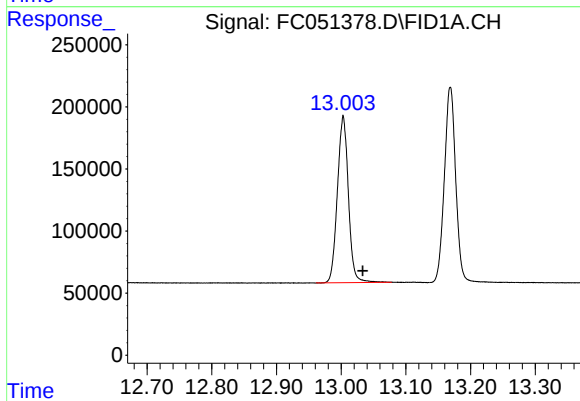
#10 n-Eicosane (C20)

R.T.: 12.558 min
Delta R.T.: -0.030 min
Response: 1953248
Conc: 16.81 ug/ml



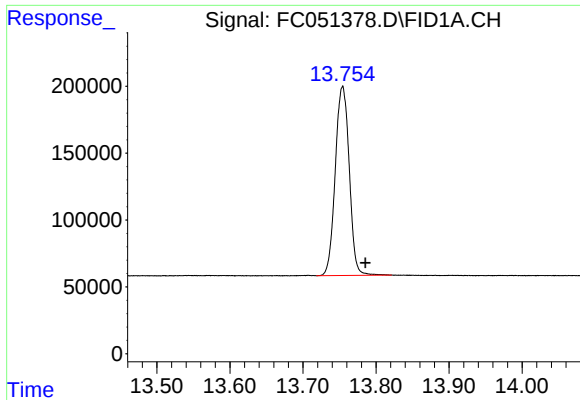
#11 n-Heneicosane (C21)

R.T.: 13.169 min
Delta R.T.: -0.031 min
Response: 1916060
Conc: 16.54 ug/ml



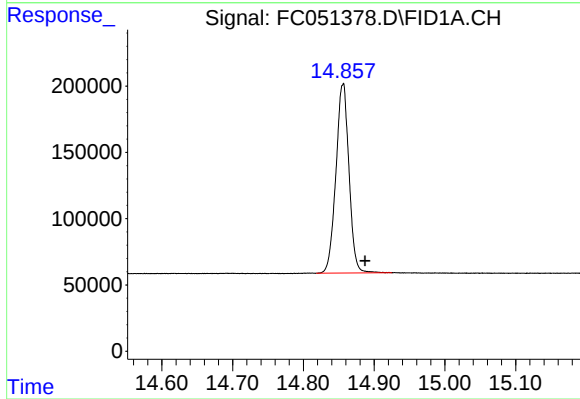
#12 1-chlorooctadecane (SURR)

R.T.: 13.003 min
Delta R.T.: -0.030 min
Response: 1587804
Conc: 16.28 ug/ml



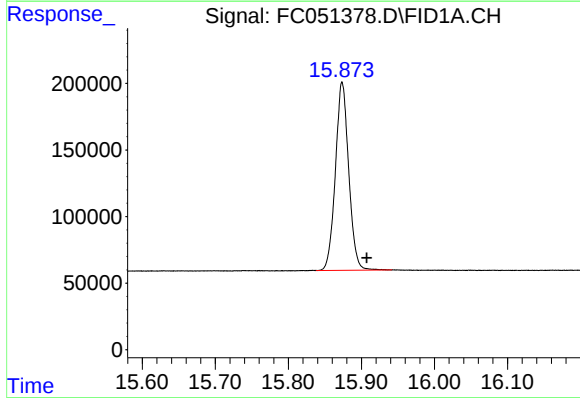
#13 n-Docosane (C22)

R.T.: 13.754 min
Delta R.T.: -0.031 min
Response: 1879747
Conc: 16.23 ug/ml



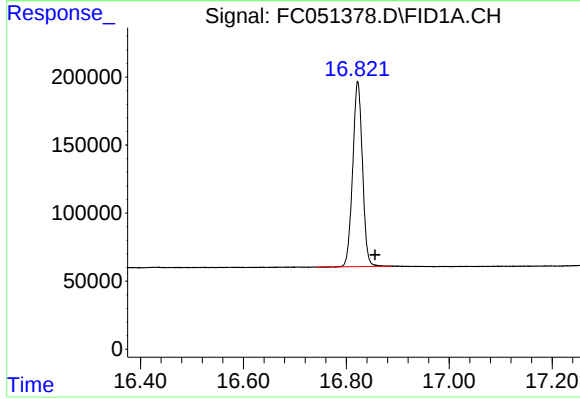
#14 n-Tetracosane (C24)

R.T.: 14.856 min
Delta R.T.: -0.031 min
Response: 1829771
Conc: 15.91 ug/ml



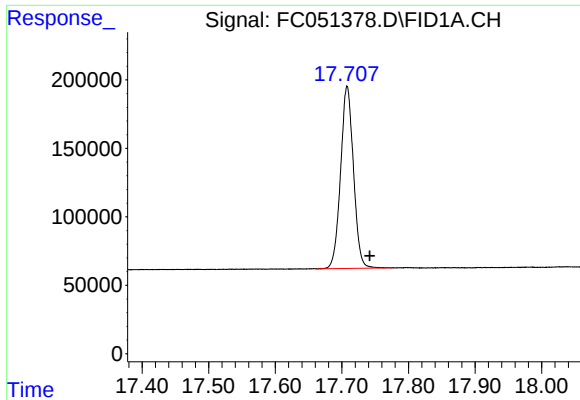
#15 n-Hexacosane (C26)

R.T.: 15.874 min
Delta R.T.: -0.034 min
Response: 1788319
Conc: 15.88 ug/ml



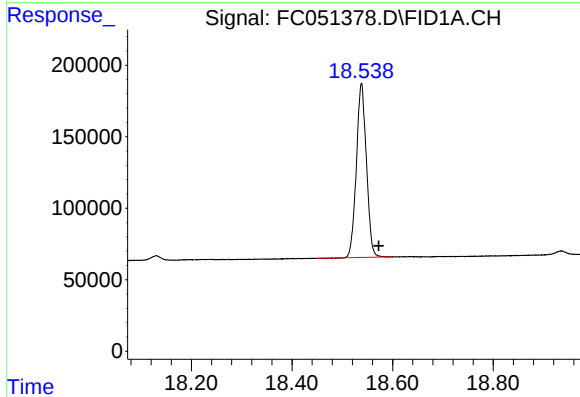
#16 n-Octacosane (C28)

R.T.: 16.822 min
Delta R.T.: -0.034 min
Response: 1788541
Conc: 16.15 ug/ml



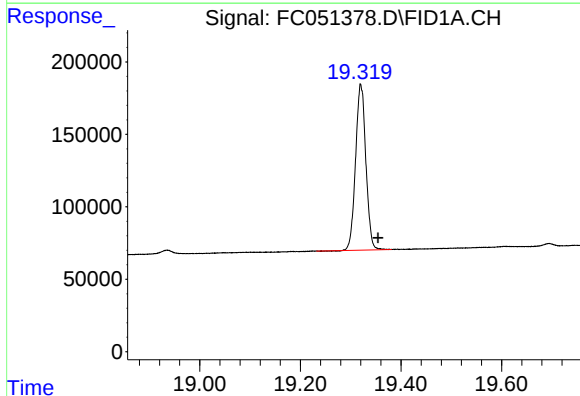
#17 n-Tricontane (C30)

R.T.: 17.708 min
Delta R.T.: -0.034 min
Response: 1783714
Conc: 16.79 ug/ml



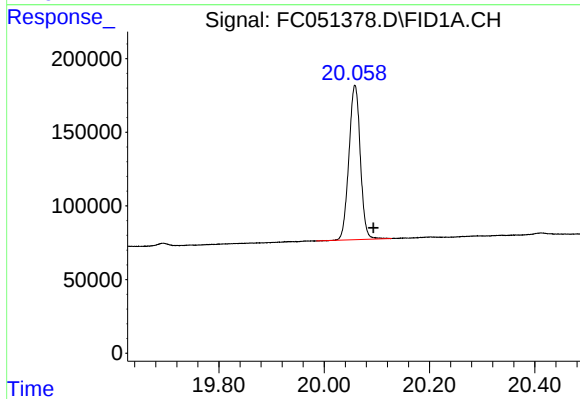
#18 n-Dotriacontane (C32)

R.T.: 18.538 min
Delta R.T.: -0.035 min
Response: 1686409
Conc: 17.26 ug/ml



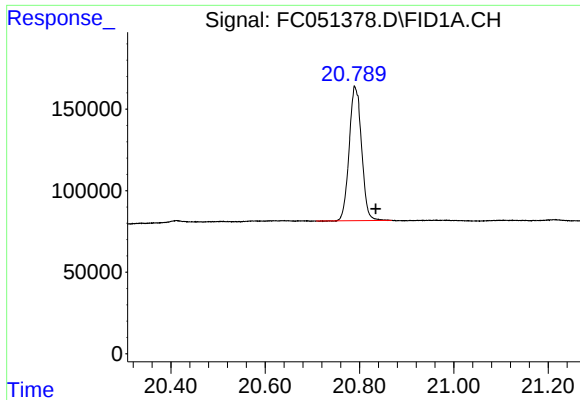
#19 n-Tetratriacontane (C34)

R.T.: 19.320 min
Delta R.T.: -0.034 min
Response: 1623434
Conc: 18.19 ug/ml



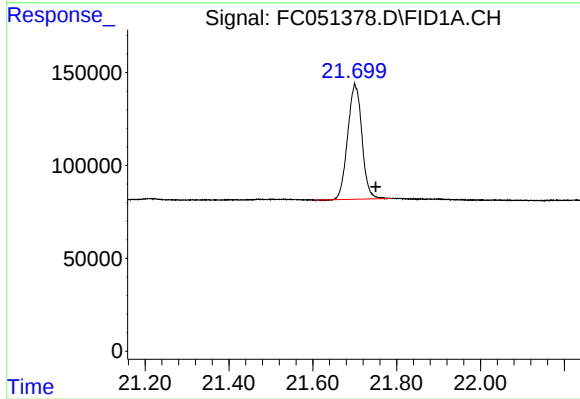
#20 n-Hexatriacontane (C36)

R.T.: 20.058 min
Delta R.T.: -0.035 min
Response: 1570623
Conc: 18.83 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.791 min
Delta R.T.: -0.043 min
Response: 1496544
Conc: 19.22 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.701 min
Delta R.T.: -0.049 min
Response: 1459417
Conc: 17.63 ug/ml