

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC092820AL\
 Data File : FC049799.D
 Signal(s) : FID1A.CH
 Acq On : 29 Sep 2020 1:40
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Sep 29 08:32:08 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 090820.M
 Quant Title : GC Extractables
 QLast Update : Wed Sep 09 05:58:47 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)	11.660	2087599	18.170 ug/ml
Spiked Amount 50.000		Recovery =	36.34%
12) S 1-chlorooctadecane (S...	13.093	1595572	17.913 ug/ml
Spiked Amount 50.000		Recovery =	35.83%
Target Compounds			
1) T n-Nonane (C9)	3.397	2169161	20.968 ug/ml
2) T n-Decane (C10)	4.469	2172141	20.913 ug/ml
3) T A~Naphthalene (C11.7)	6.067	2318438	20.164 ug/ml
4) T n-Dodecane (C12)	6.493	2168639	20.516 ug/ml
5) T A~2-methylnaphthalene...	7.126	2317035	19.818 ug/ml
6) T n-Tetradecane (C14)	8.291	2097778	19.885 ug/ml
7) T n-Hexadecane (C16)	9.894	2004732	19.264 ug/ml
8) T n-Octadecane (C18)	11.337	2014536	18.745 ug/ml
10) T n-Eicosane (C20)	12.647	1954653	18.254 ug/ml
11) T n-Heneicosane (C21)	13.259	1919654	18.039 ug/ml
13) T n-Docosane (C22)	13.846	1887872	17.840 ug/ml
14) T n-Tetracosane (C24)	14.948	1840829	17.592 ug/ml
15) T n-Hexacosane (C26)	15.968	1814285	17.748 ug/ml
16) T n-Octacosane (C28)	16.917	1815898	18.069 ug/ml
17) T n-Tricontane (C30)	17.804	1826721	18.762 ug/ml
18) T n-Dotriacontane (C32)	18.636	1756889	19.443 ug/ml
19) T n-Tetratriacontane (C34)	19.418	1711882	19.998 ug/ml
20) T n-Hexatriacontane (C36)	20.157	1644322	20.410 ug/ml
21) T n-Octatriacontane (C38)	20.909	1602212	21.164 ug/ml
22) T n-Tetracontane (C40)	21.856	1641639	21.098 ug/ml

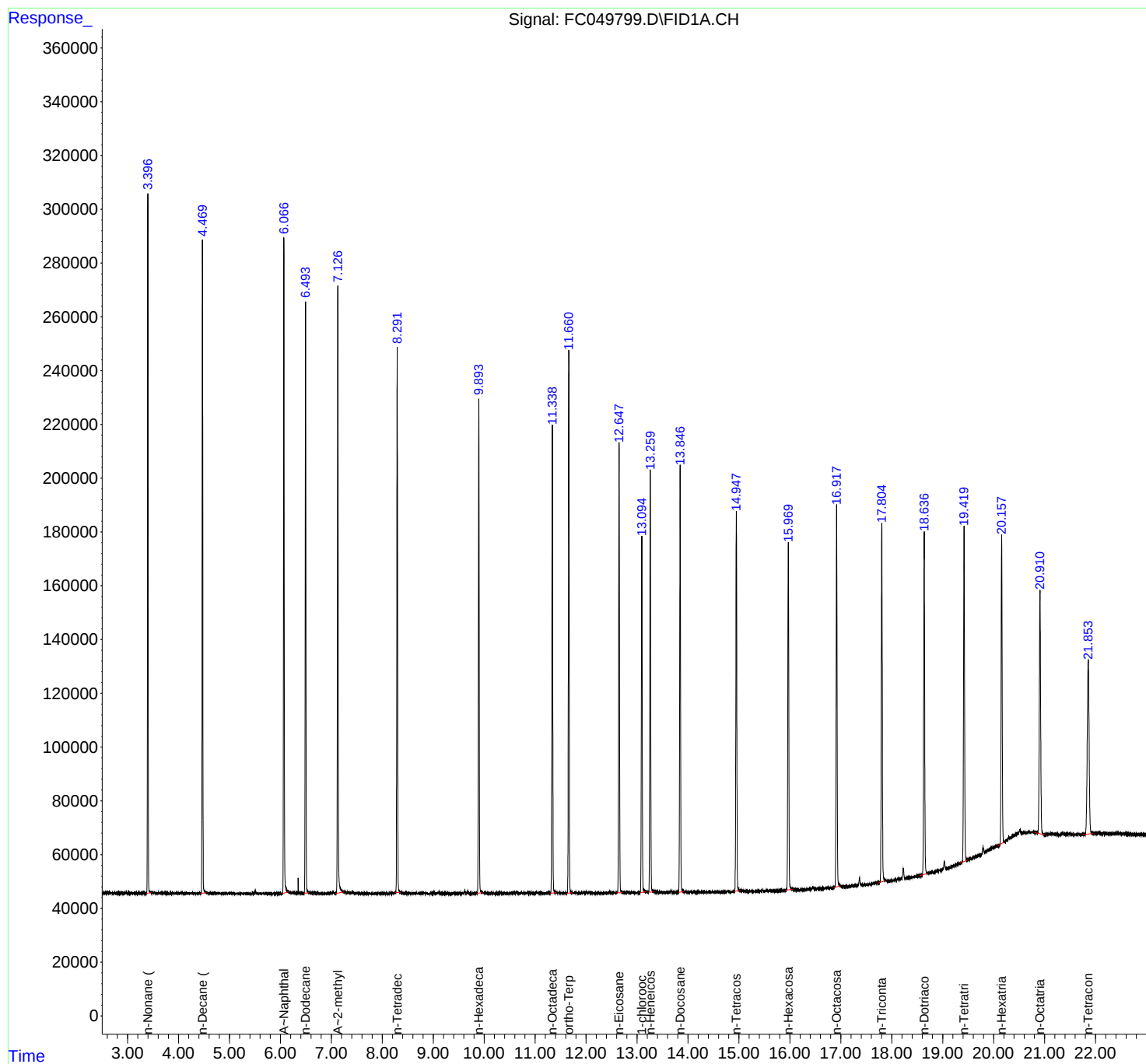
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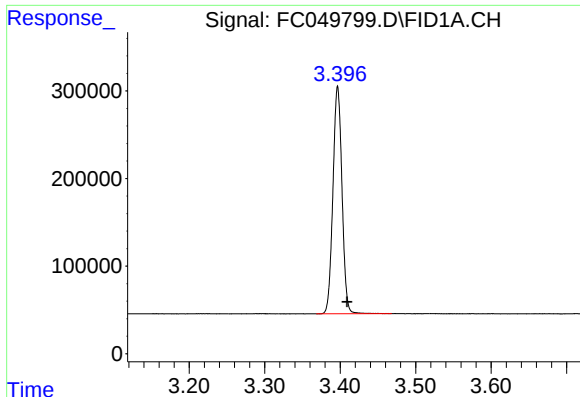
(m)=manual int.

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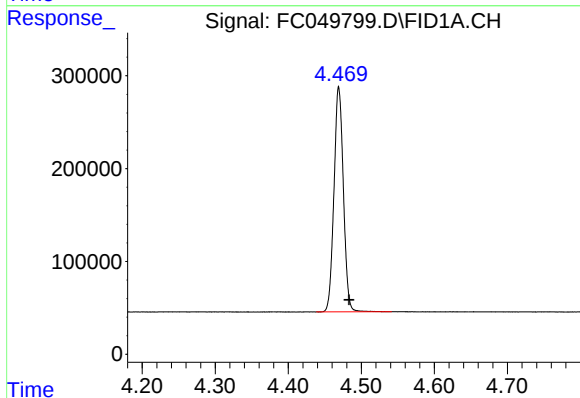
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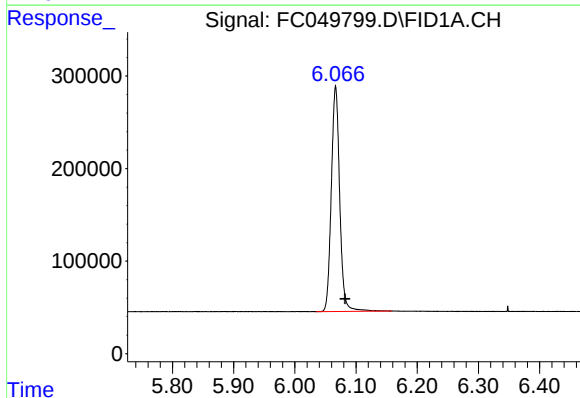
#1 n-Nonane (C9)

R.T.: 3.397 min
Delta R.T.: -0.012 min
Response: 2169161
Conc: 20.97 ug/ml



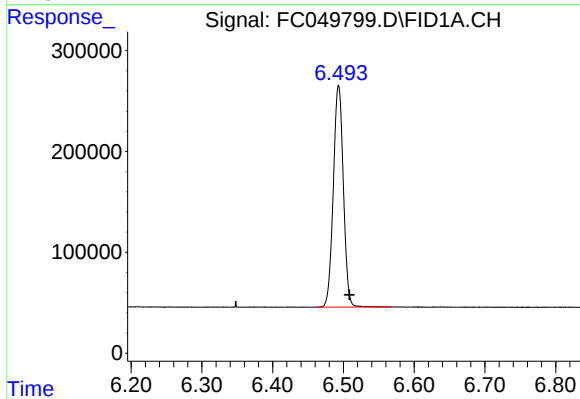
#2 n-Decane (C10)

R.T.: 4.469 min
Delta R.T.: -0.014 min
Response: 2172141
Conc: 20.91 ug/ml



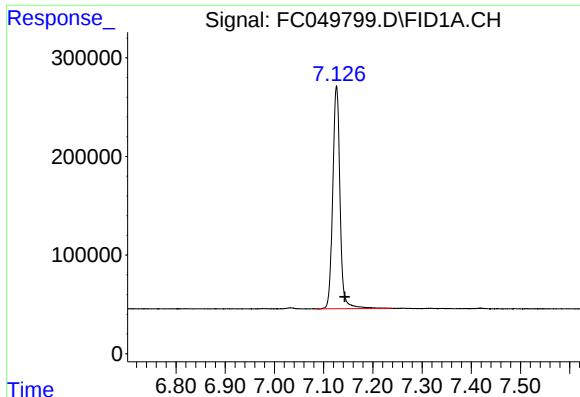
#3 A~Naphthalene (C11.7)

R.T.: 6.067 min
Delta R.T.: -0.015 min
Response: 2318438
Conc: 20.16 ug/ml



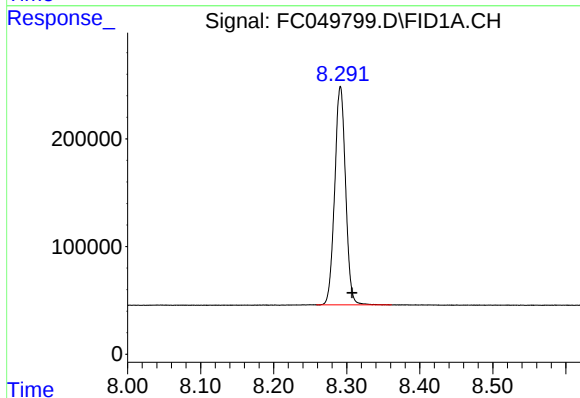
#4 n-Dodecane (C12)

R.T.: 6.493 min
Delta R.T.: -0.016 min
Response: 2168639
Conc: 20.52 ug/ml



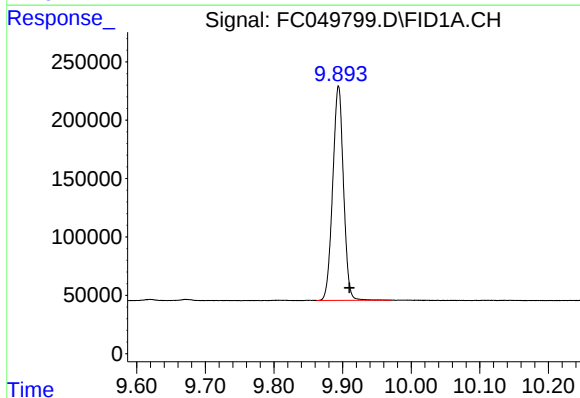
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.126 min
Delta R.T.: -0.016 min
Response: 2317035
Conc: 19.82 ug/ml



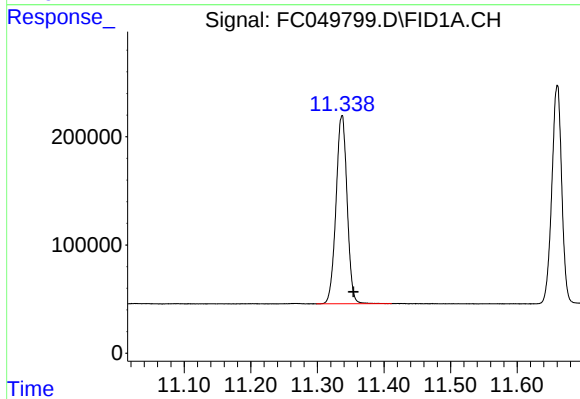
#6 n-Tetradecane (C14)

R.T.: 8.291 min
Delta R.T.: -0.016 min
Response: 2097778
Conc: 19.88 ug/ml



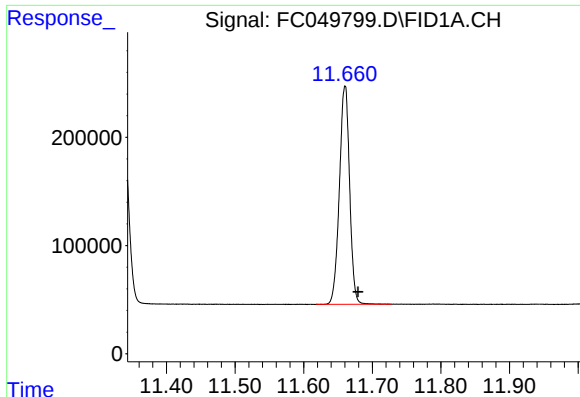
#7 n-Hexadecane (C16)

R.T.: 9.894 min
Delta R.T.: -0.016 min
Response: 2004732
Conc: 19.26 ug/ml



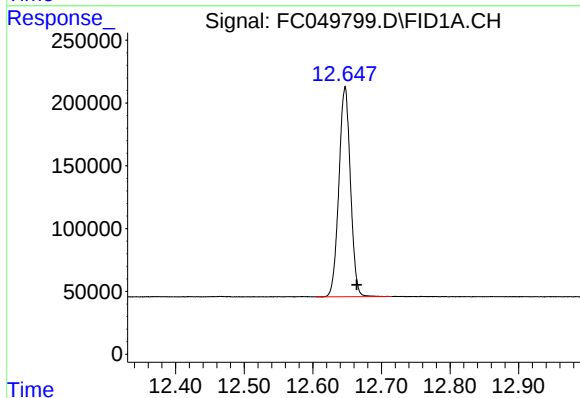
#8 n-Octadecane (C18)

R.T.: 11.337 min
Delta R.T.: -0.018 min
Response: 2014536
Conc: 18.74 ug/ml



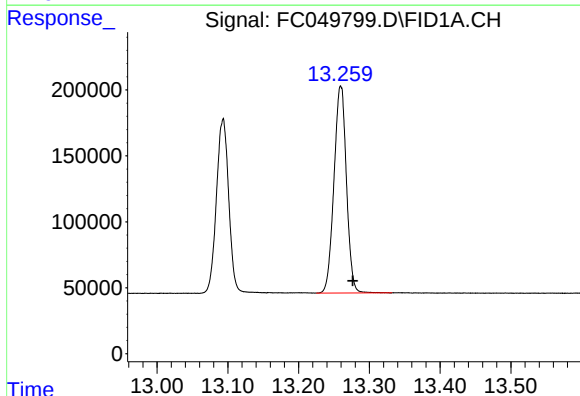
#9 ortho-Terphenyl (SURR)

R.T.: 11.660 min
Delta R.T.: -0.019 min
Response: 2087599
Conc: 18.17 ug/ml



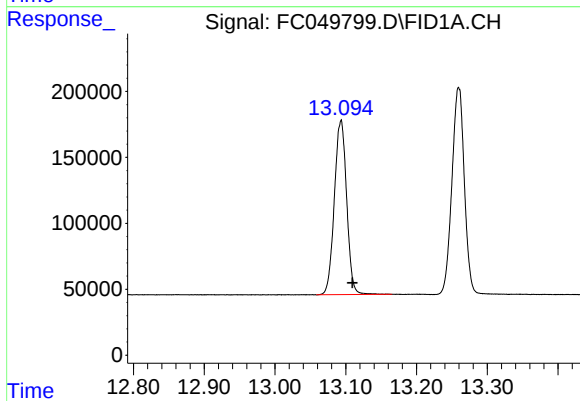
#10 n-Eicosane (C20)

R.T.: 12.647 min
Delta R.T.: -0.017 min
Response: 1954653
Conc: 18.25 ug/ml



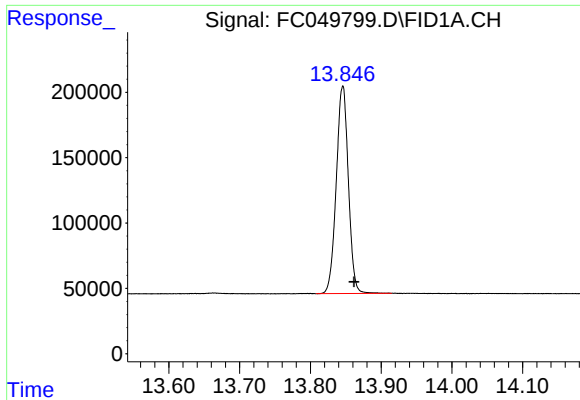
#11 n-Heneicosane (C21)

R.T.: 13.259 min
Delta R.T.: -0.017 min
Response: 1919654
Conc: 18.04 ug/ml



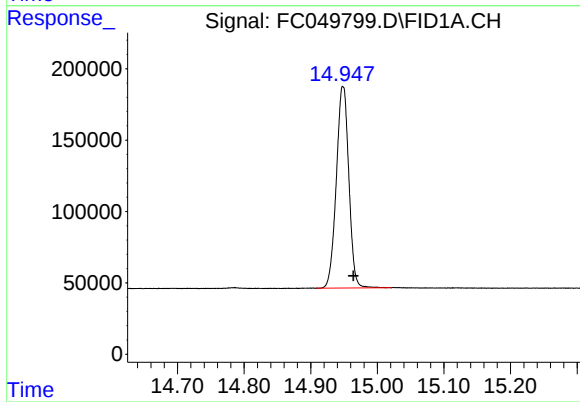
#12 1-chlorooctadecane (SURR)

R.T.: 13.093 min
Delta R.T.: -0.016 min
Response: 1595572
Conc: 17.91 ug/ml



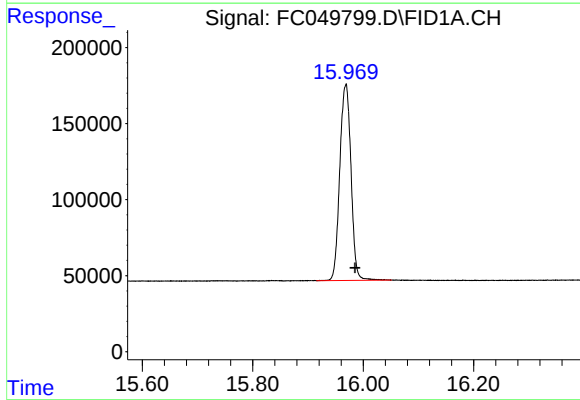
#13 n-Docosane (C22)

R.T.: 13.846 min
Delta R.T.: -0.016 min
Response: 1887872
Conc: 17.84 ug/ml



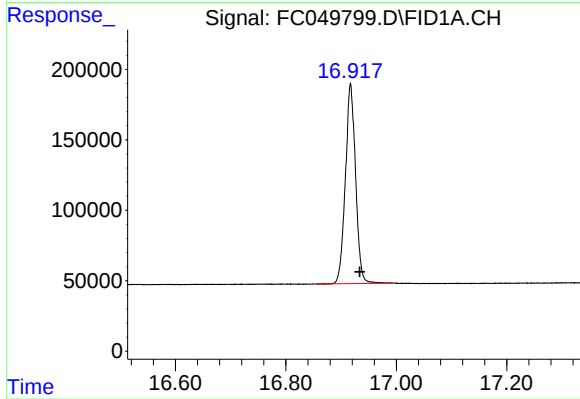
#14 n-Tetracosane (C24)

R.T.: 14.948 min
Delta R.T.: -0.016 min
Response: 1840829
Conc: 17.59 ug/ml



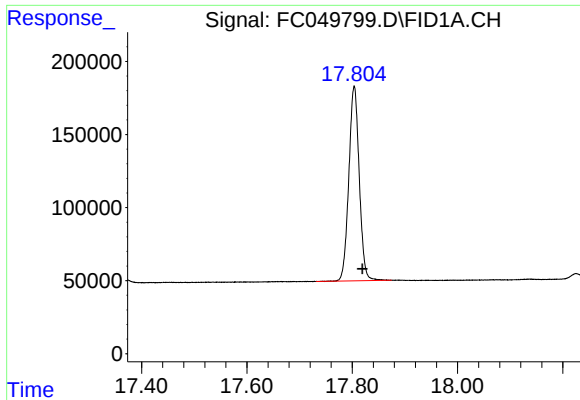
#15 n-Hexacosane (C26)

R.T.: 15.968 min
Delta R.T.: -0.017 min
Response: 1814285
Conc: 17.75 ug/ml



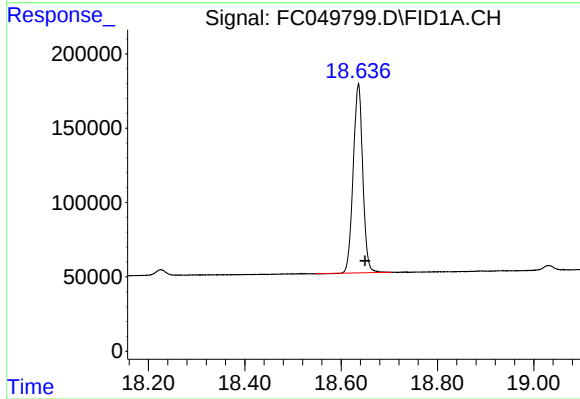
#16 n-Octacosane (C28)

R.T.: 16.917 min
Delta R.T.: -0.016 min
Response: 1815898
Conc: 18.07 ug/ml



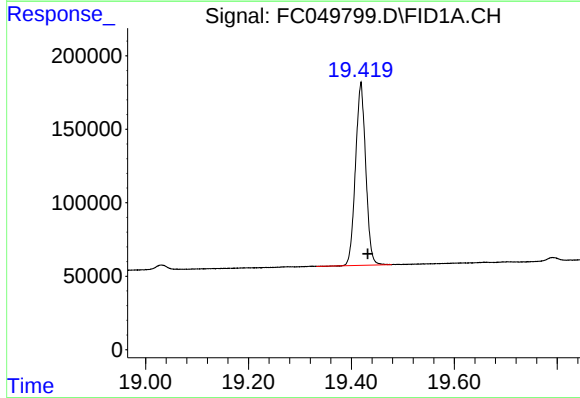
#17 n-Tricontane (C30)

R.T.: 17.804 min
Delta R.T.: -0.016 min
Response: 1826721
Conc: 18.76 ug/ml



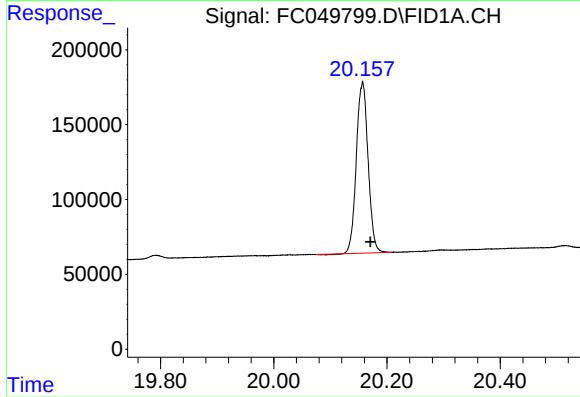
#18 n-Dotriacontane (C32)

R.T.: 18.636 min
Delta R.T.: -0.014 min
Response: 1756889
Conc: 19.44 ug/ml



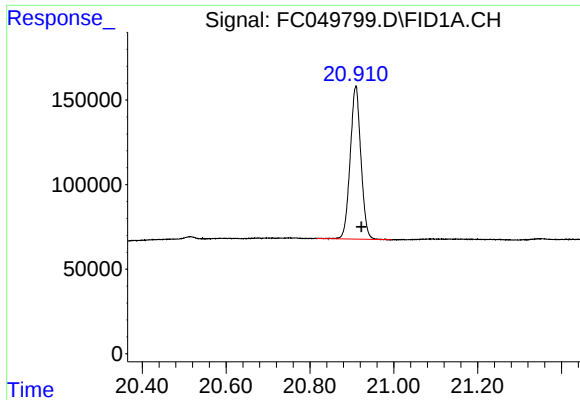
#19 n-Tetratriacontane (C34)

R.T.: 19.418 min
Delta R.T.: -0.014 min
Response: 1711882
Conc: 20.00 ug/ml



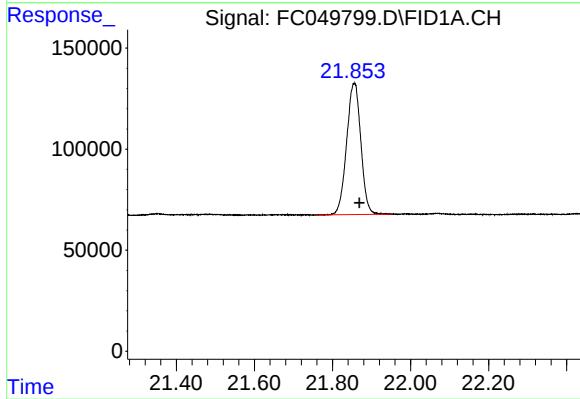
#20 n-Hexatriacontane (C36)

R.T.: 20.157 min
Delta R.T.: -0.014 min
Response: 1644322
Conc: 20.41 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.909 min
Delta R.T.: -0.014 min
Response: 1602212
Conc: 21.16 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.856 min
Delta R.T.: -0.013 min
Response: 1641639
Conc: 21.10 ug/ml