

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC112420AL\
 Data File : FC050928.D
 Signal(s) : FID1A.CH
 Acq On : 24 Nov 2020 9:53
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Nov 24 15:47:41 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 110220.M
 Quant Title : GC Extractables
 QLast Update : Tue Nov 03 02:36:40 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)	11.602	2288643	18.633 ug/ml
Spiked Amount 50.000		Recovery =	37.27%
12) S 1-chlorooctadecane (S...	13.036	1757318	18.201 ug/ml
Spiked Amount 50.000		Recovery =	36.40%
Target Compounds			
1) T n-Nonane (C9)	3.354	2175854	20.449 ug/ml
2) T n-Decane (C10)	4.424	2187660	20.570 ug/ml
3) T A~Naphthalene (C11.7)	6.017	2340862	20.327 ug/ml
4) T n-Dodecane (C12)	6.444	2241601	20.674 ug/ml
5) T A~2-methylnaphthalene...	7.075	2312788	20.159 ug/ml
6) T n-Tetradecane (C14)	8.239	2221775	20.599 ug/ml
7) T n-Hexadecane (C16)	9.840	2167471	20.361 ug/ml
8) T n-Octadecane (C18)	11.282	2228864	19.814 ug/ml
10) T n-Eicosane (C20)	12.590	2178169	19.084 ug/ml
11) T n-Heneicosane (C21)	13.203	2136640	18.729 ug/ml
13) T n-Docosane (C22)	13.789	2097186	18.377 ug/ml
14) T n-Tetracosane (C24)	14.890	2039045	17.855 ug/ml
15) T n-Hexacosane (C26)	15.910	1964009	17.322 ug/ml
16) T n-Octacosane (C28)	16.858	1944989	17.141 ug/ml
17) T n-Tricontane (C30)	17.747	1922148	17.288 ug/ml
18) T n-Dotriacontane (C32)	18.577	1800873	17.456 ug/ml
19) T n-Tetratriacontane (C34)	19.359	1695014	17.616 ug/ml
20) T n-Hexatriacontane (C36)	20.096	1587254	17.667 ug/ml
21) T n-Octatriacontane (C38)	20.837	1349316	16.228 ug/ml
22) T n-Tetracontane (C40)	21.759	1570574	18.768 ug/ml

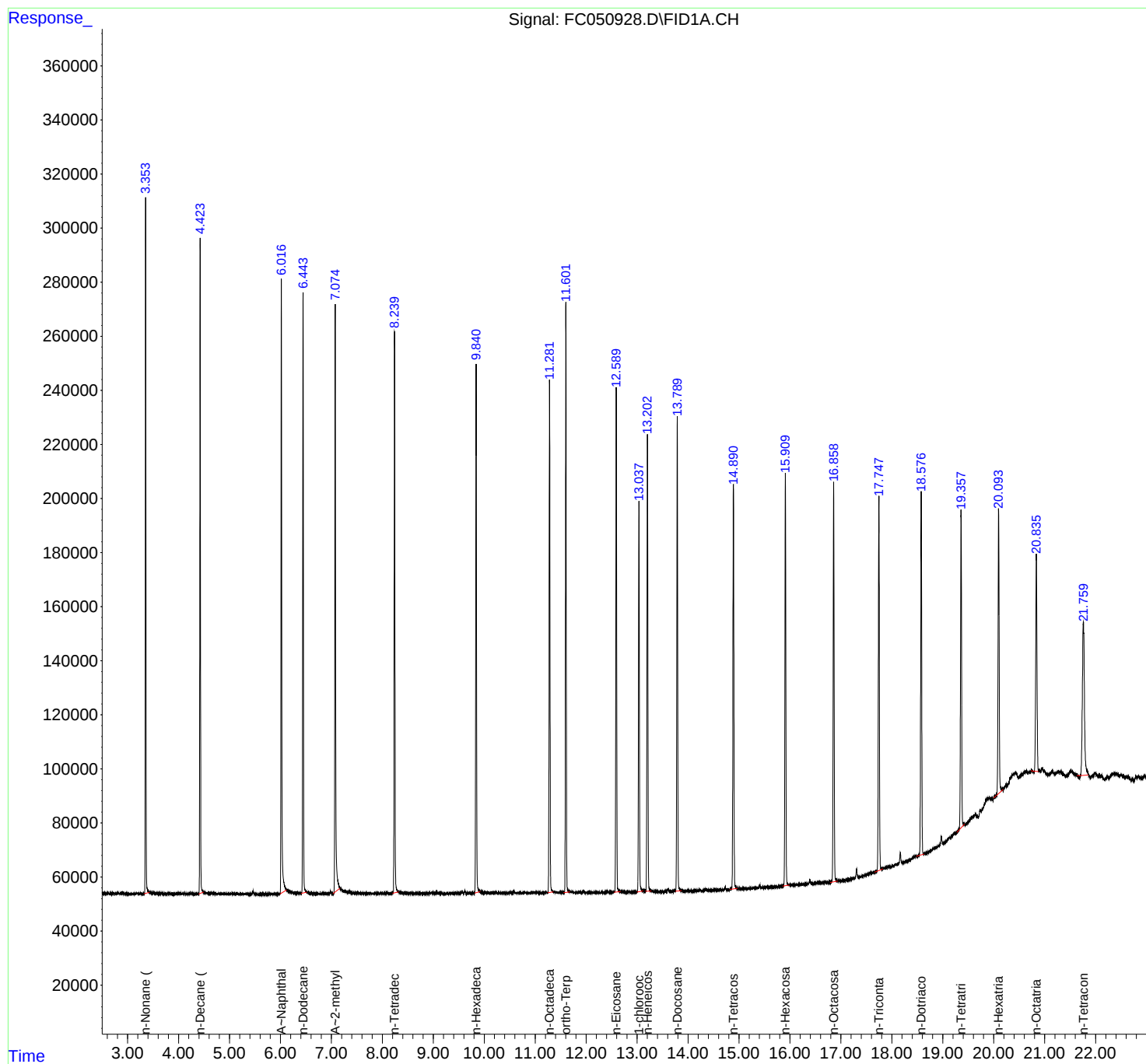
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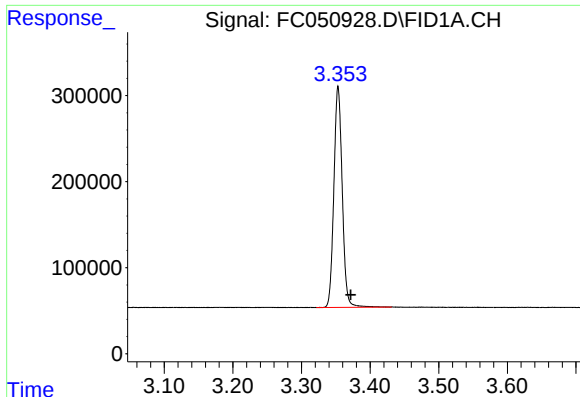
(m)=manual int.

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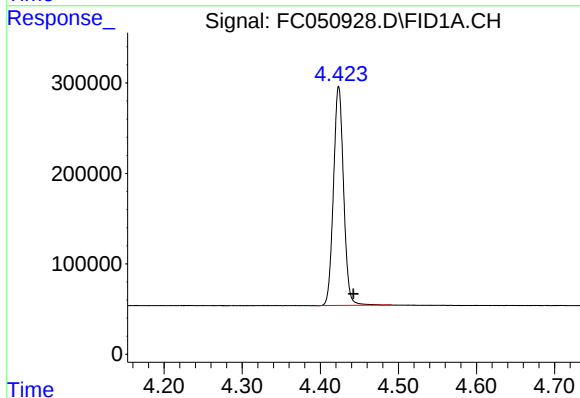
Volume Inj. : 1 ul
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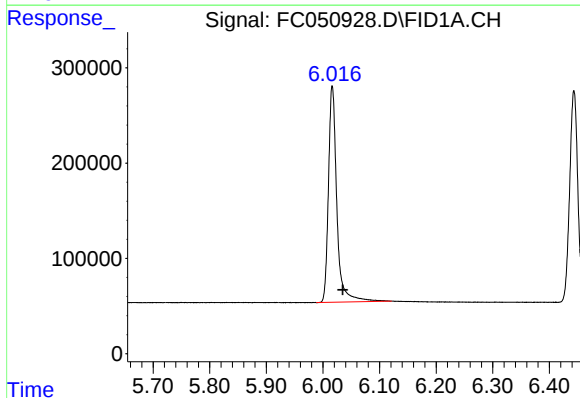
#1 n-Nonane (C9)

R.T.: 3.354 min
Delta R.T.: -0.018 min
Response: 2175854
Conc: 20.45 ug/ml



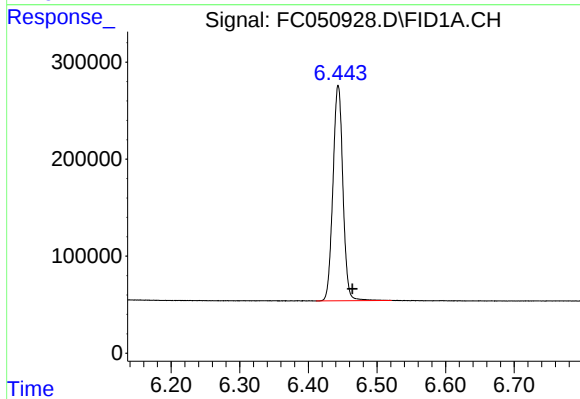
#2 n-Decane (C10)

R.T.: 4.424 min
Delta R.T.: -0.019 min
Response: 2187660
Conc: 20.57 ug/ml



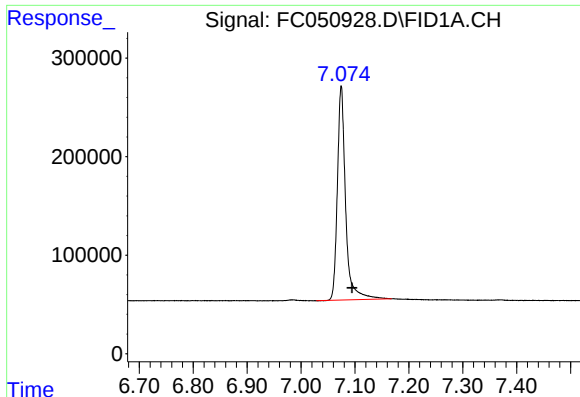
#3 A~Naphthalene (C11.7)

R.T.: 6.017 min
Delta R.T.: -0.019 min
Response: 2340862
Conc: 20.33 ug/ml



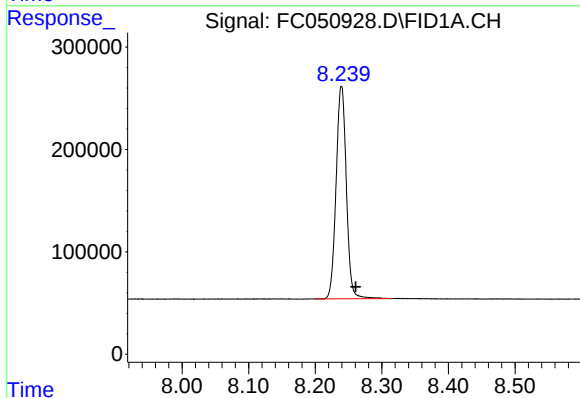
#4 n-Dodecane (C12)

R.T.: 6.444 min
Delta R.T.: -0.020 min
Response: 2241601
Conc: 20.67 ug/ml



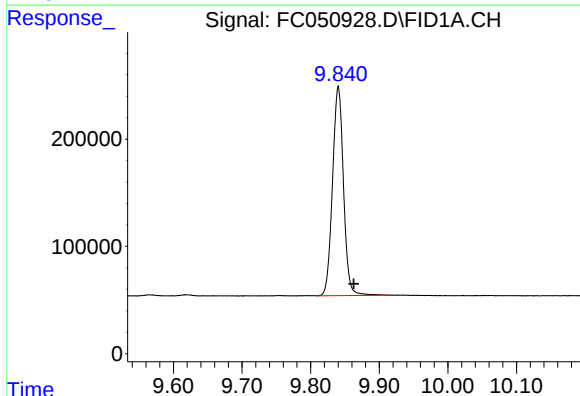
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.075 min
Delta R.T.: -0.020 min
Response: 2312788
Conc: 20.16 ug/ml



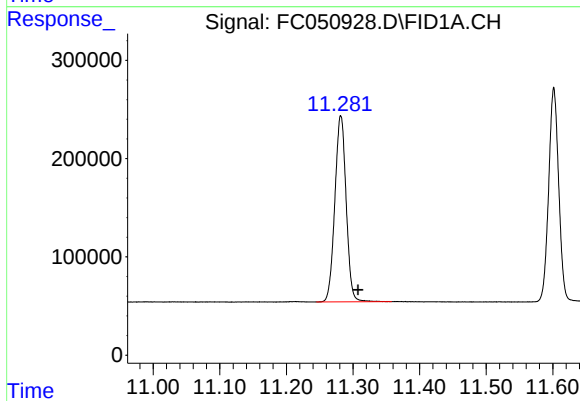
#6 n-Tetradecane (C14)

R.T.: 8.239 min
Delta R.T.: -0.022 min
Response: 2221775
Conc: 20.60 ug/ml



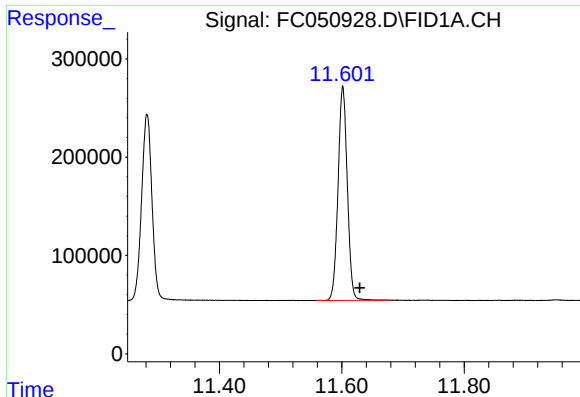
#7 n-Hexadecane (C16)

R.T.: 9.840 min
Delta R.T.: -0.023 min
Response: 2167471
Conc: 20.36 ug/ml



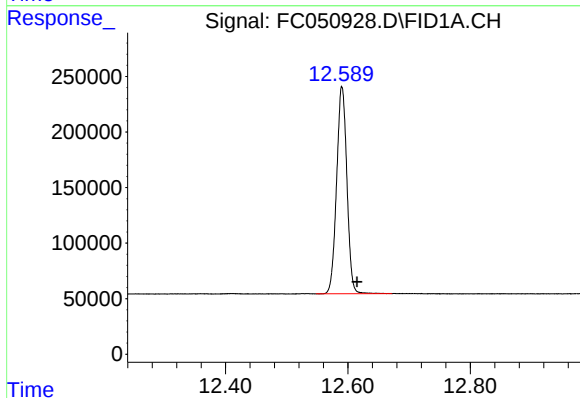
#8 n-Octadecane (C18)

R.T.: 11.282 min
Delta R.T.: -0.026 min
Response: 2228864
Conc: 19.81 ug/ml



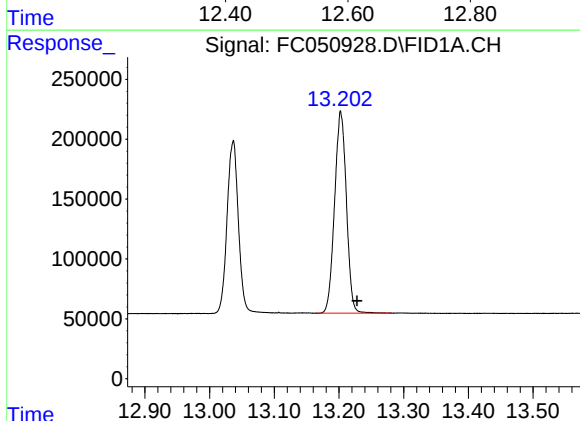
#9 ortho-Terphenyl (SURR)

R.T.: 11.602 min
Delta R.T.: -0.027 min
Response: 2288643
Conc: 18.63 ug/ml



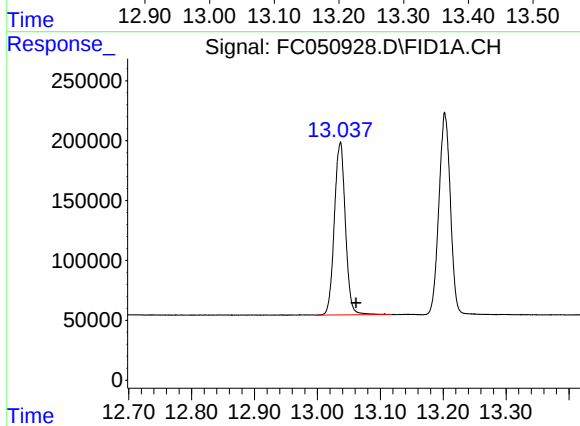
#10 n-Eicosane (C20)

R.T.: 12.590 min
Delta R.T.: -0.025 min
Response: 2178169
Conc: 19.08 ug/ml



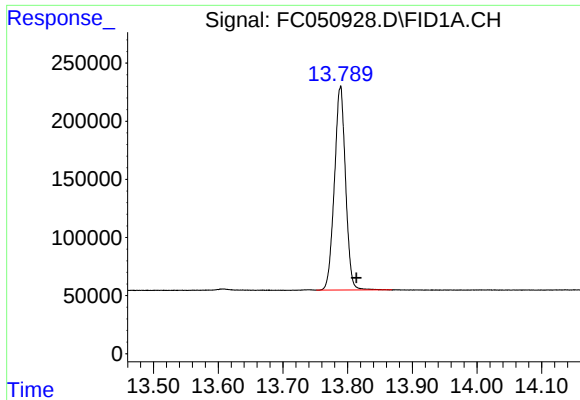
#11 n-Heneicosane (C21)

R.T.: 13.203 min
Delta R.T.: -0.025 min
Response: 2136640
Conc: 18.73 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.036 min
Delta R.T.: -0.025 min
Response: 1757318
Conc: 18.20 ug/ml



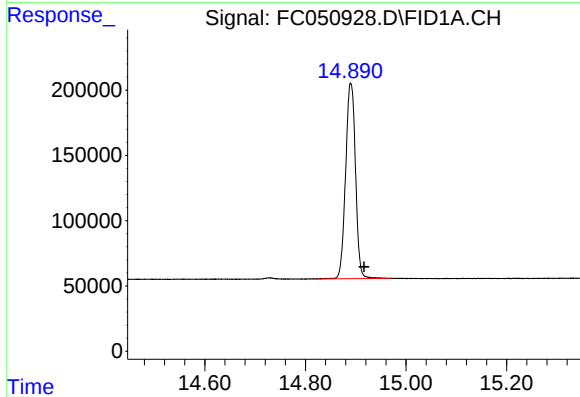
#13 n-Docosane (C22)

R.T.: 13.789 min

Delta R.T.: -0.025 min

Response: 2097186

Conc: 18.38 ug/ml



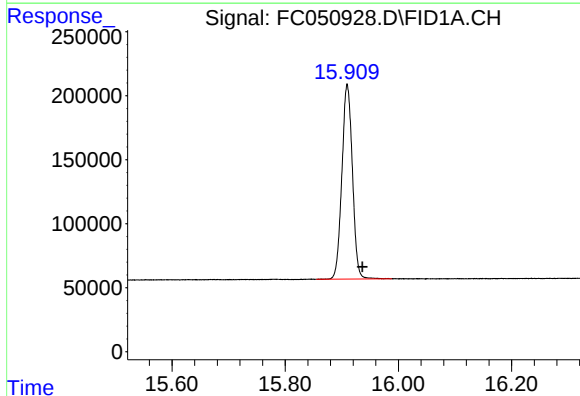
#14 n-Tetracosane (C24)

R.T.: 14.890 min

Delta R.T.: -0.026 min

Response: 2039045

Conc: 17.85 ug/ml



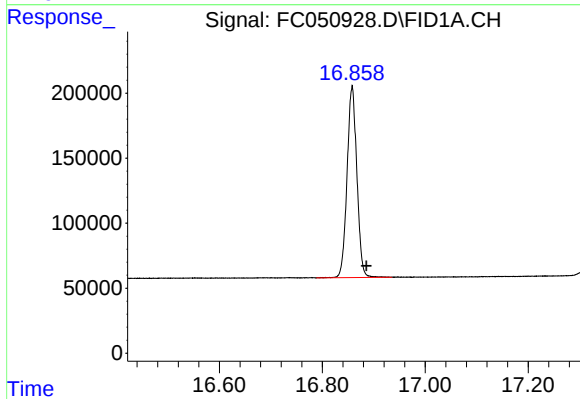
#15 n-Hexacosane (C26)

R.T.: 15.910 min

Delta R.T.: -0.027 min

Response: 1964009

Conc: 17.32 ug/ml



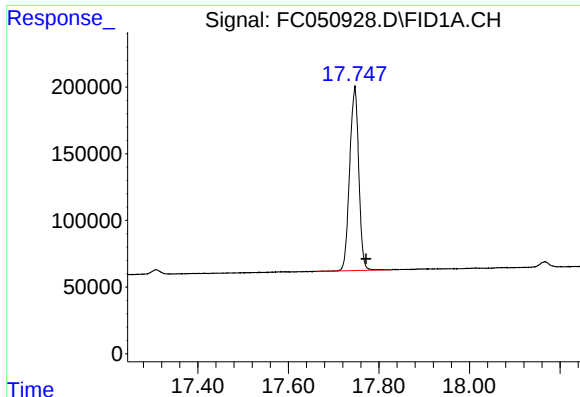
#16 n-Octacosane (C28)

R.T.: 16.858 min

Delta R.T.: -0.028 min

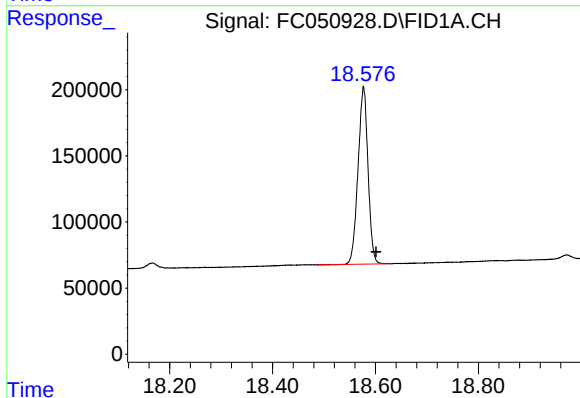
Response: 1944989

Conc: 17.14 ug/ml



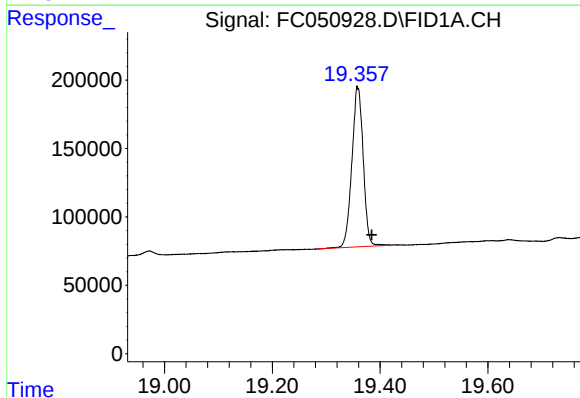
#17 n-Tricontane (C30)

R.T.: 17.747 min
Delta R.T.: -0.025 min
Response: 1922148
Conc: 17.29 ug/ml



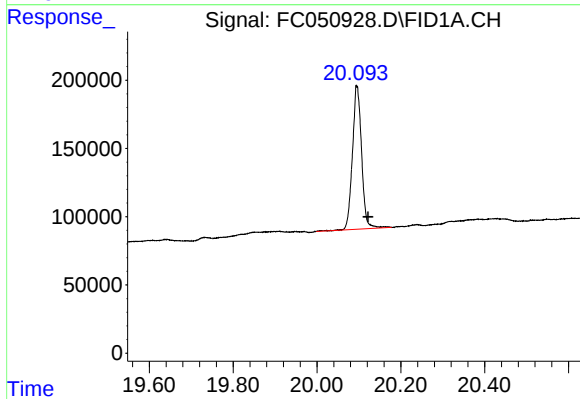
#18 n-Dotriacontane (C32)

R.T.: 18.577 min
Delta R.T.: -0.024 min
Response: 1800873
Conc: 17.46 ug/ml



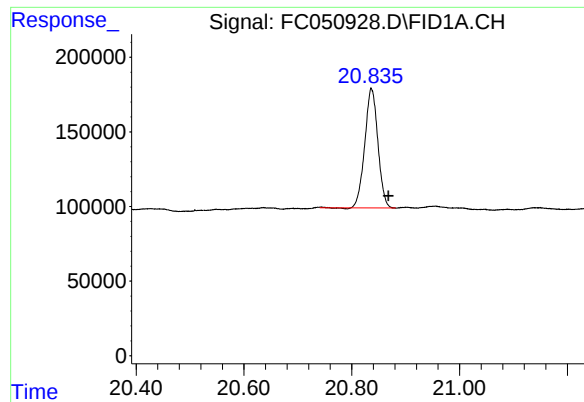
#19 n-Tetratriacontane (C34)

R.T.: 19.359 min
Delta R.T.: -0.026 min
Response: 1695014
Conc: 17.62 ug/ml



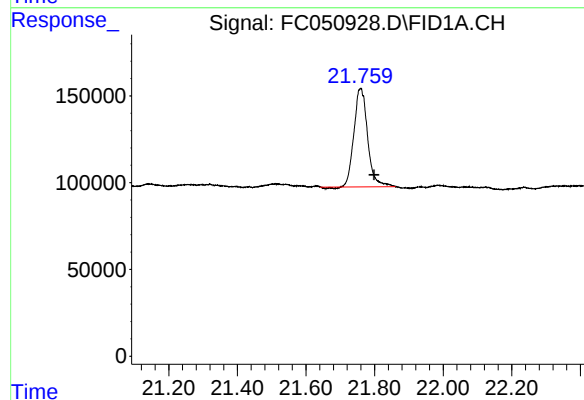
#20 n-Hexatriacontane (C36)

R.T.: 20.096 min
Delta R.T.: -0.026 min
Response: 1587254
Conc: 17.67 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.837 min
Delta R.T.: -0.031 min
Response: 1349316
Conc: 16.23 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.759 min
Delta R.T.: -0.040 min
Response: 1570574
Conc: 18.77 ug/ml