

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC121221AL\
 Data File : FC057447.D
 Signal(s) : FID1A.CH
 Acq On : 13 Dec 2021 3:40
 Operator : AJ\MA
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Dec 13 04:27:22 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 120921.M
 Quant Title : GC Extractables
 QLast Update : Thu Dec 09 22:19:01 2021
 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)	11.559	2070696	20.521 ug/ml
Spiked Amount 50.000		Recovery =	41.04%
12) S 1-chlorooctadecane (S...	12.988	1487386	19.588 ug/ml
Spiked Amount 50.000		Recovery =	39.18%
Target Compounds			
1) T n-Nonane (C9)	3.329	1898716	20.183 ug/mlm
2) T n-Decane (C10)	4.395	1928435	20.603 ug/ml
3) T A~Naphthalene (C11.7)	5.989	1911984	19.456 ug/ml
4) T n-Dodecane (C12)	6.410	1946776	20.377 ug/ml
5) T A~2-methylnaphthalene...	7.044	1878250	19.197 ug/ml
6) T n-Tetradecane (C14)	8.200	1937438	20.169 ug/ml
7) T n-Hexadecane (C16)	9.798	1955922	20.179 ug/ml
8) T n-Octadecane (C18)	11.236	1992312	20.225 ug/ml
10) T n-Eicosane (C20)	12.542	1945047	20.211 ug/ml
11) T n-Heneicosane (C21)	13.153	1939530	20.280 ug/ml
13) T n-Docosane (C22)	13.737	1926077	20.663 ug/ml
14) T n-Tetracosane (C24)	14.837	1907125	20.768 ug/ml
15) T n-Hexacosane (C26)	15.854	1812498	20.967 ug/ml
16) T n-Octacosane (C28)	16.801	1769112	20.747 ug/ml
17) T n-Tricontane (C30)	17.685	1715623	20.523 ug/ml
18) T n-Dotriacontane (C32)	18.515	1623287	19.847 ug/ml
19) T n-Tetratriacontane (C34)	19.296	1526359	18.600 ug/mlm
20) T n-Hexatriacontane (C36)	20.032	1321649	16.571 ug/mlm
21) T n-Octatriacontane (C38)	20.758	1155749	15.221 ug/mlm
22) T n-Tetracontane (C40)	21.657	823944	11.023 ug/mlm

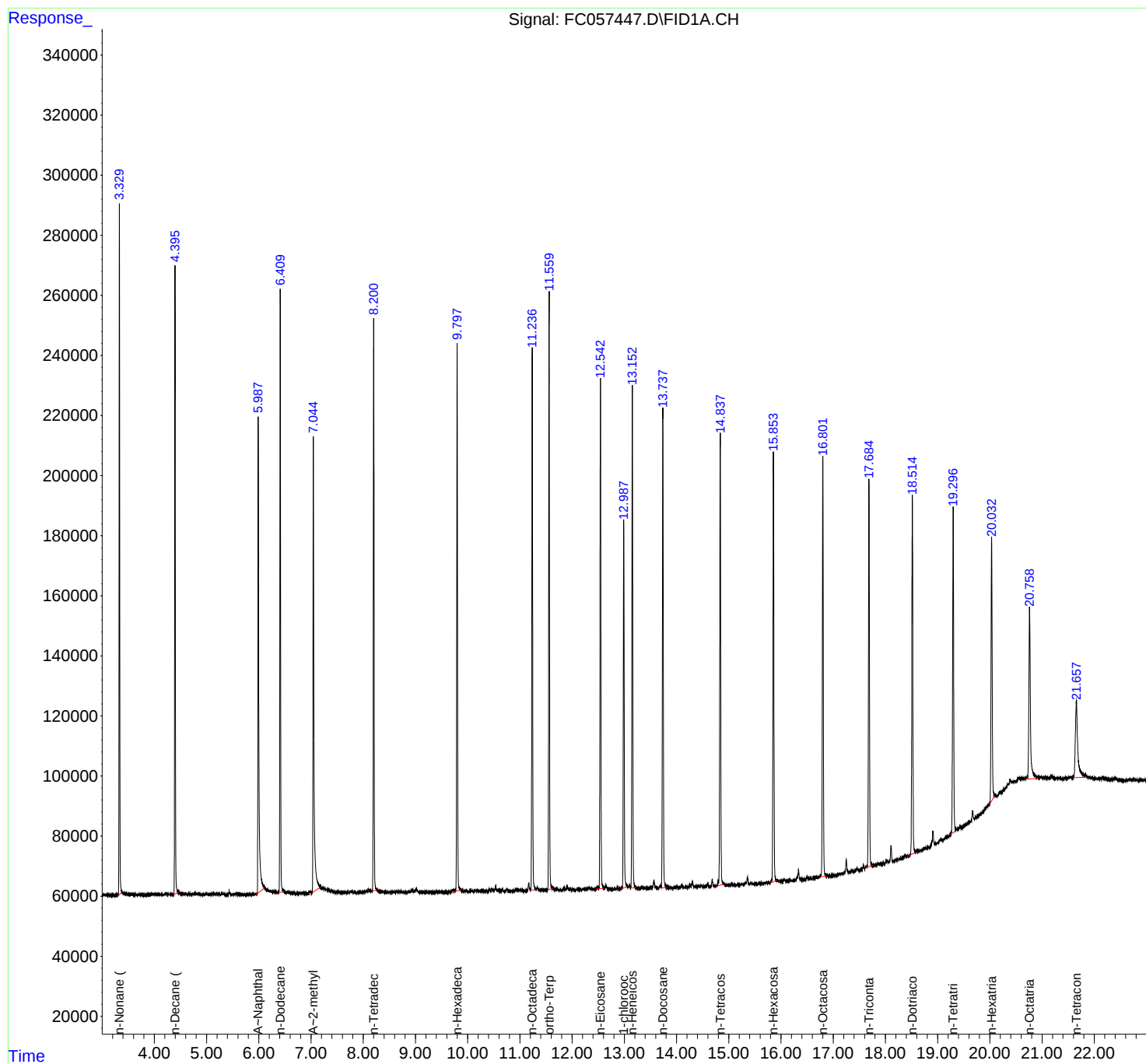
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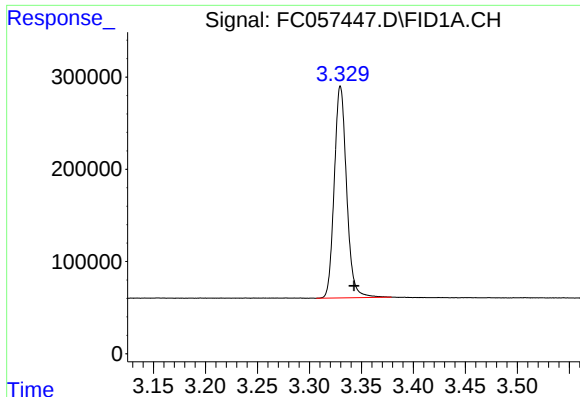
(m)=manual int.

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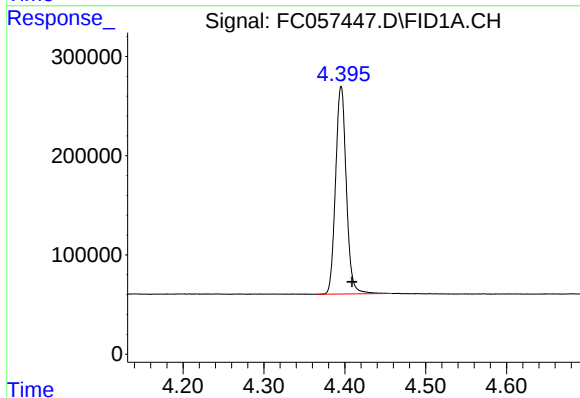
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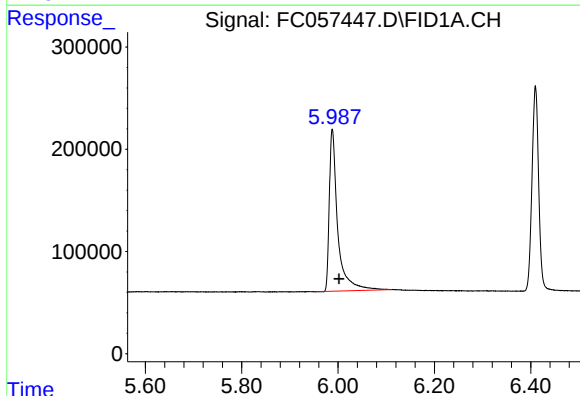
#1 n-Nonane (C9)

R.T.: 3.329 min
Delta R.T.: -0.014 min
Response: 1898716
Conc: 20.18 ug/ml m



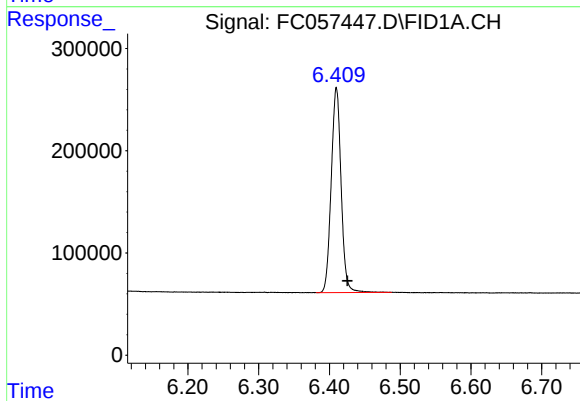
#2 n-Decane (C10)

R.T.: 4.395 min
Delta R.T.: -0.014 min
Response: 1928435
Conc: 20.60 ug/ml



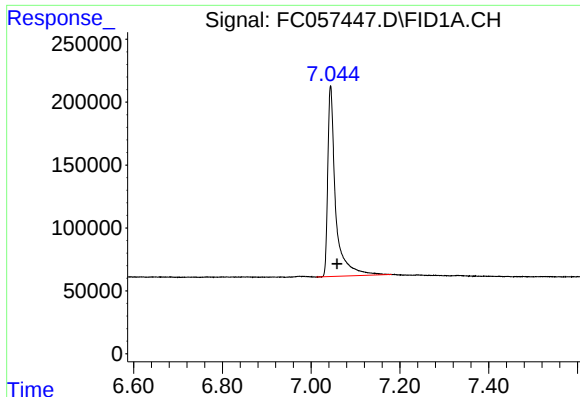
#3 A~Naphthalene (C11.7)

R.T.: 5.989 min
Delta R.T.: -0.014 min
Response: 1911984
Conc: 19.46 ug/ml



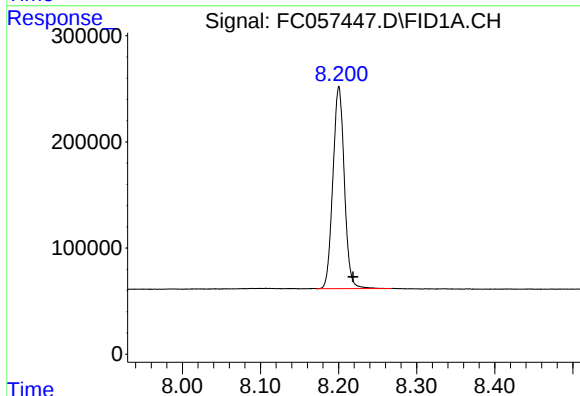
#4 n-Dodecane (C12)

R.T.: 6.410 min
Delta R.T.: -0.015 min
Response: 1946776
Conc: 20.38 ug/ml



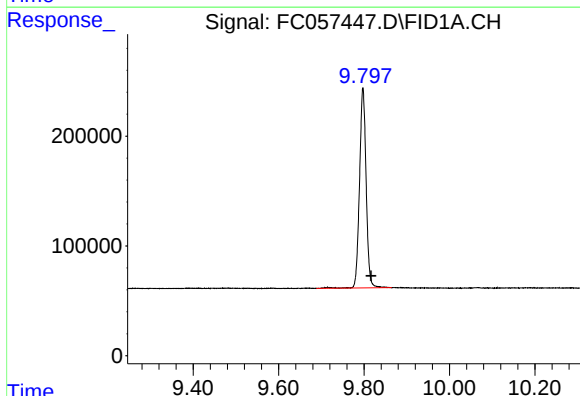
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.044 min
Delta R.T.: -0.015 min
Response: 1878250
Conc: 19.20 ug/ml



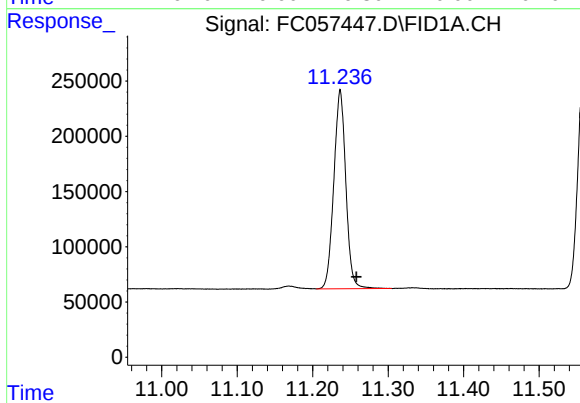
#6 n-Tetradecane (C14)

R.T.: 8.200 min
Delta R.T.: -0.018 min
Response: 1937438
Conc: 20.17 ug/ml



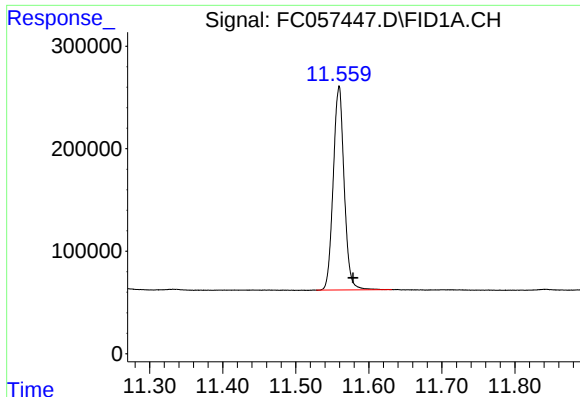
#7 n-Hexadecane (C16)

R.T.: 9.798 min
Delta R.T.: -0.019 min
Response: 1955922
Conc: 20.18 ug/ml



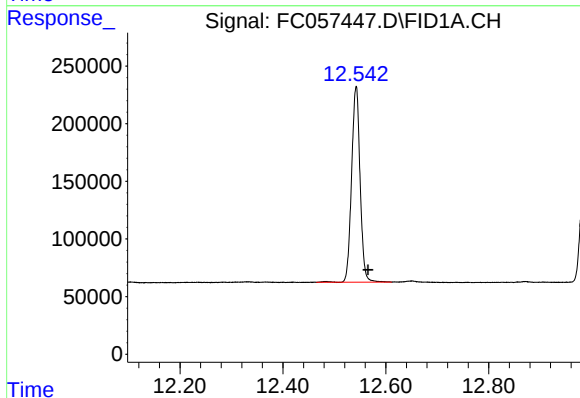
#8 n-Octadecane (C18)

R.T.: 11.236 min
Delta R.T.: -0.021 min
Response: 1992312
Conc: 20.23 ug/ml



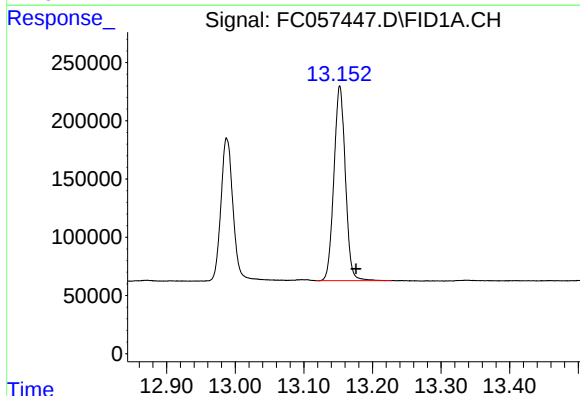
#9 ortho-Terphenyl (SURR)

R.T.: 11.559 min
Delta R.T.: -0.019 min
Response: 2070696
Conc: 20.52 ug/ml



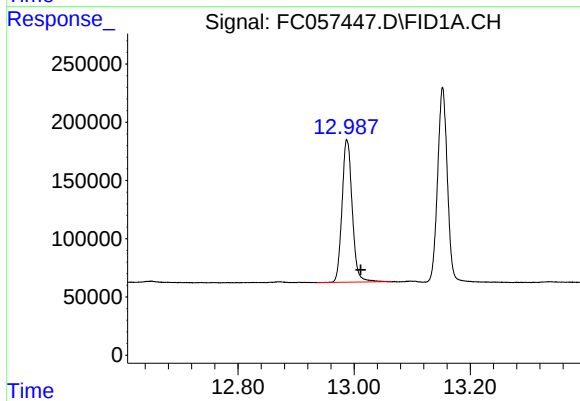
#10 n-Eicosane (C20)

R.T.: 12.542 min
Delta R.T.: -0.024 min
Response: 1945047
Conc: 20.21 ug/ml



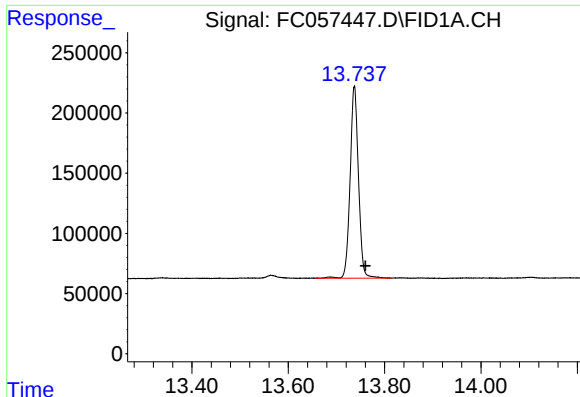
#11 n-Heneicosane (C21)

R.T.: 13.153 min
Delta R.T.: -0.023 min
Response: 1939530
Conc: 20.28 ug/ml



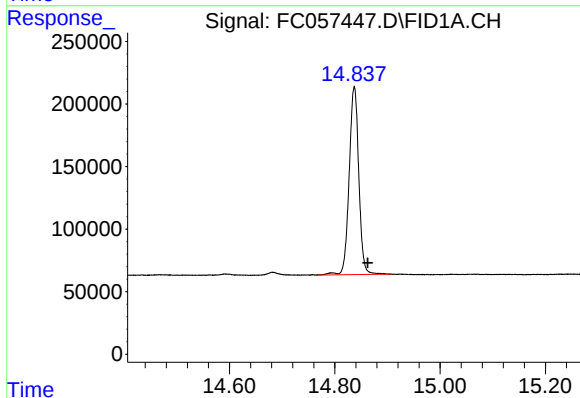
#12 1-chlorooctadecane (SURR)

R.T.: 12.988 min
Delta R.T.: -0.023 min
Response: 1487386
Conc: 19.59 ug/ml



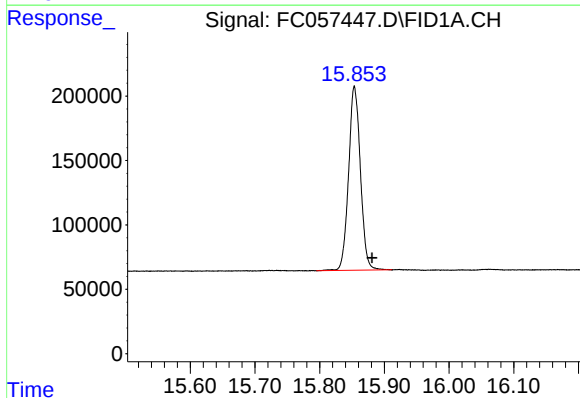
#13 n-Docosane (C22)

R.T.: 13.737 min
Delta R.T.: -0.023 min
Response: 1926077
Conc: 20.66 ug/ml



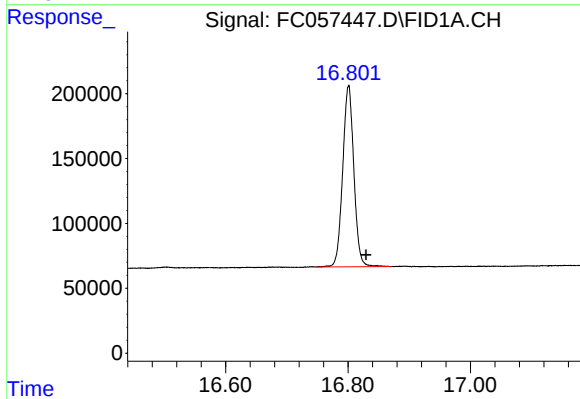
#14 n-Tetracosane (C24)

R.T.: 14.837 min
Delta R.T.: -0.025 min
Response: 1907125
Conc: 20.77 ug/ml



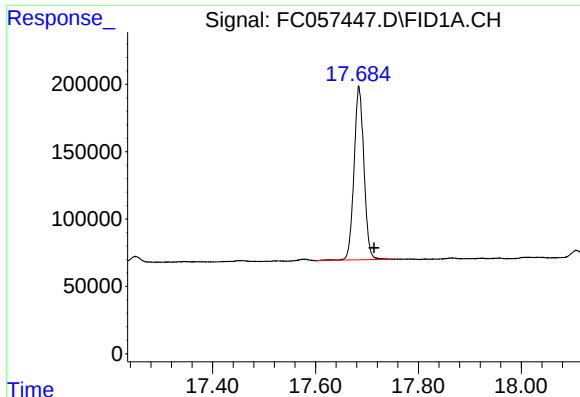
#15 n-Hexacosane (C26)

R.T.: 15.854 min
Delta R.T.: -0.027 min
Response: 1812498
Conc: 20.97 ug/ml



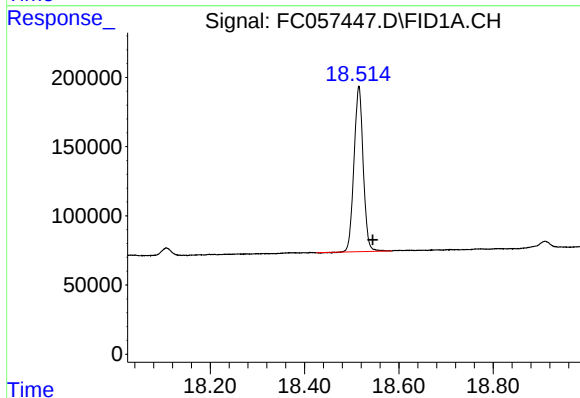
#16 n-Octacosane (C28)

R.T.: 16.801 min
Delta R.T.: -0.029 min
Response: 1769112
Conc: 20.75 ug/ml



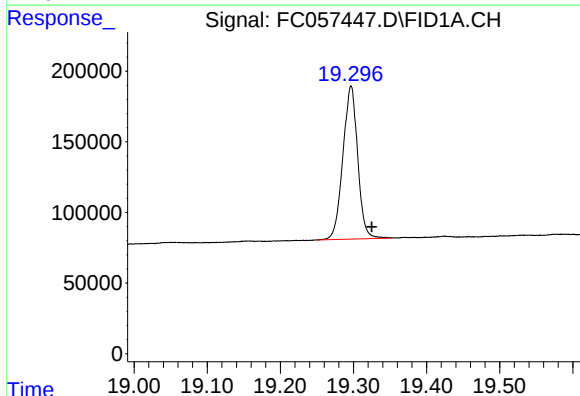
#17 n-Tricontane (C30)

R.T.: 17.685 min
Delta R.T.: -0.030 min
Response: 1715623
Conc: 20.52 ug/ml



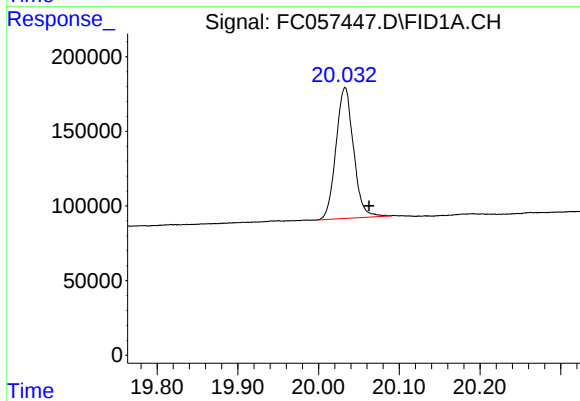
#18 n-Dotriacontane (C32)

R.T.: 18.515 min
Delta R.T.: -0.029 min
Response: 1623287
Conc: 19.85 ug/ml



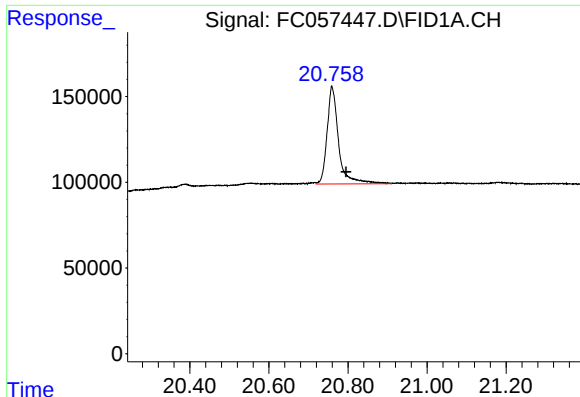
#19 n-Tetratriacontane (C34)

R.T.: 19.296 min
Delta R.T.: -0.028 min
Response: 1526359
Conc: 18.60 ug/ml m



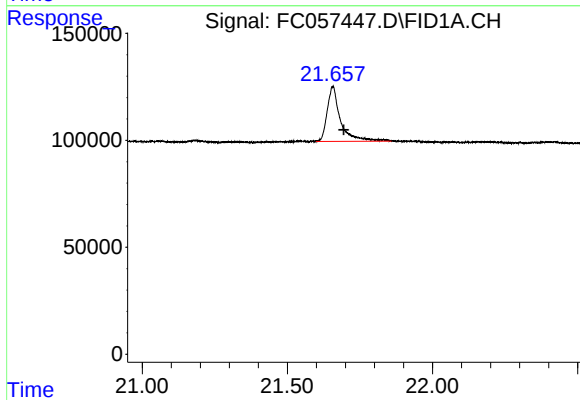
#20 n-Hexatriacontane (C36)

R.T.: 20.032 min
Delta R.T.: -0.030 min
Response: 1321649
Conc: 16.57 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 20.758 min
Delta R.T.: -0.037 min
Response: 1155749
Conc: 15.22 ug/ml m



#22 n-Tetracontane (C40)

R.T.: 21.657 min
Delta R.T.: -0.037 min
Response: 823944
Conc: 11.02 ug/ml m