

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC082421AL\
 Data File : FC055348.D
 Signal(s) : FID1A.CH
 Acq On : 24 Aug 2021 10:38
 Operator : AJ\MA
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: sample.E
 Quant Time: Aug 25 05:04:33 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 080321.M
 Quant Title : GC Extractables
 QLast Update : Wed Aug 04 02:08:31 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)	11.304	2132293	16.936 ug/ml
Spiked Amount 50.000		Recovery =	33.87%
12) S 1-chlorooctadecane (S...	12.744	1654258	16.692 ug/ml
Spiked Amount 50.000		Recovery =	33.38%
Target Compounds			
1) T n-Nonane (C9)	3.141	2029045	19.404 ug/ml
2) T n-Decane (C10)	4.190	2067838	19.636 ug/ml
3) T A~Naphthalene (C11.7)	5.757	2086402	19.201 ug/ml
4) T n-Dodecane (C12)	6.189	2133109	19.644 ug/ml
5) T A~2-methylnaphthalene...	6.805	2118350	19.410 ug/mlm
6) T n-Tetradecane (C14)	7.974	2135188	19.126 ug/ml
7) T n-Hexadecane (C16)	9.566	2110671	18.506 ug/ml
8) T n-Octadecane (C18)	11.000	2112715	17.916 ug/ml
10) T n-Eicosane (C20)	12.303	2018658	17.194 ug/ml
11) T n-Heneicosane (C21)	12.913	2004985	16.980 ug/ml
13) T n-Docosane (C22)	13.497	1946438	16.665 ug/ml
14) T n-Tetracosane (C24)	14.595	1880098	16.243 ug/ml
15) T n-Hexacosane (C26)	15.612	1809241	16.144 ug/ml
16) T n-Octacosane (C28)	16.559	1796315	16.545 ug/ml
17) T n-Tricontane (C30)	17.444	1788025	17.125 ug/ml
18) T n-Dotriacontane (C32)	18.274	1769137	17.864 ug/ml
19) T n-Tetratriacontane (C34)	19.054	1796817	18.958 ug/ml
20) T n-Hexatriacontane (C36)	19.793	1770482	19.593 ug/ml
21) T n-Octatriacontane (C38)	20.493	1783972	20.647 ug/ml
22) T n-Tetracontane (C40)	21.301	1859612	20.882 ug/mlm

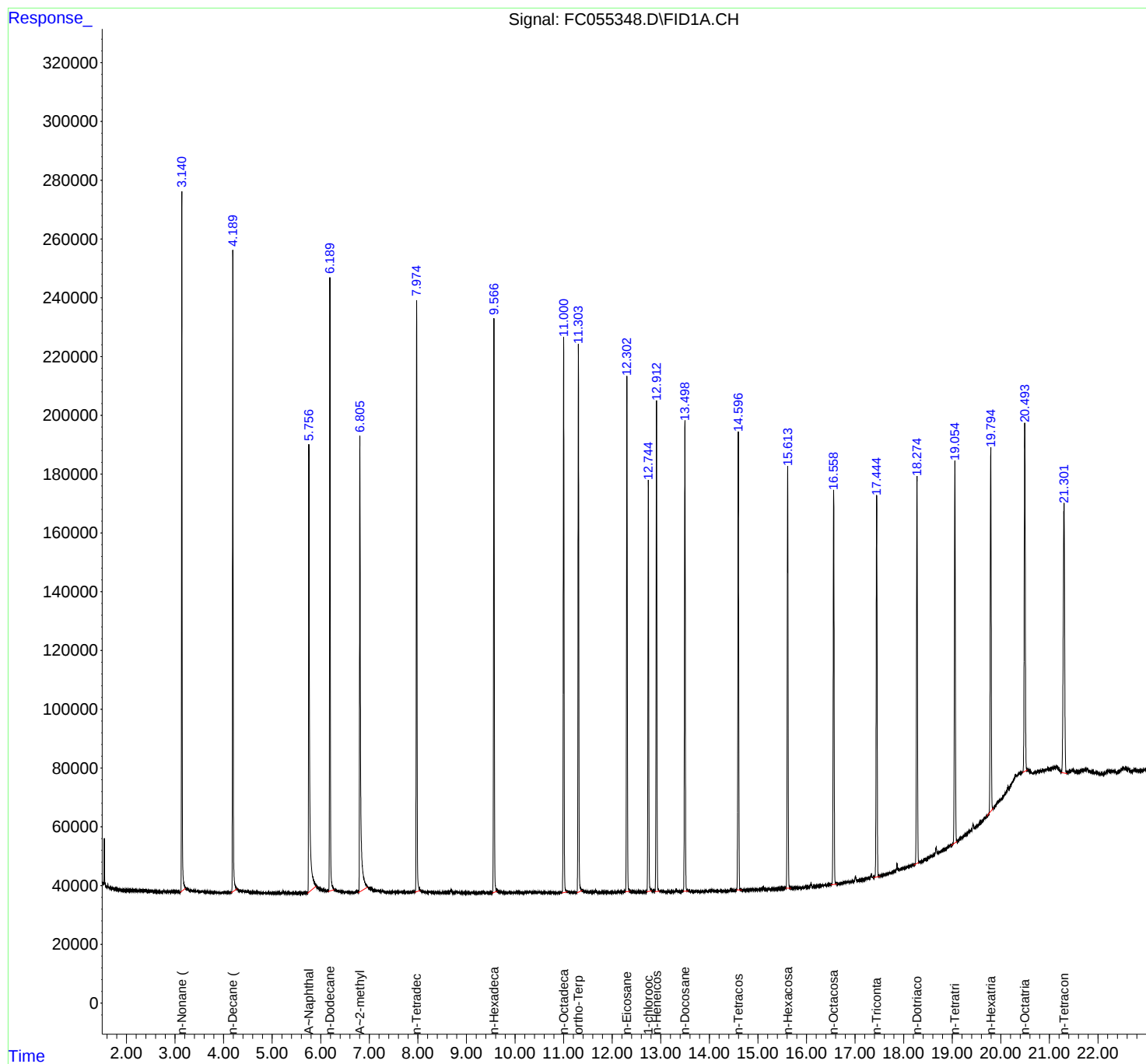
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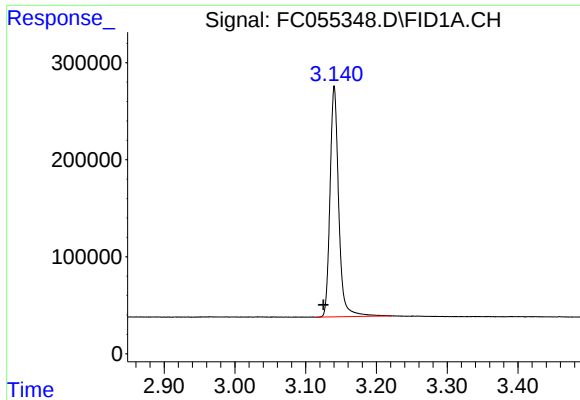
(m)=manual int.

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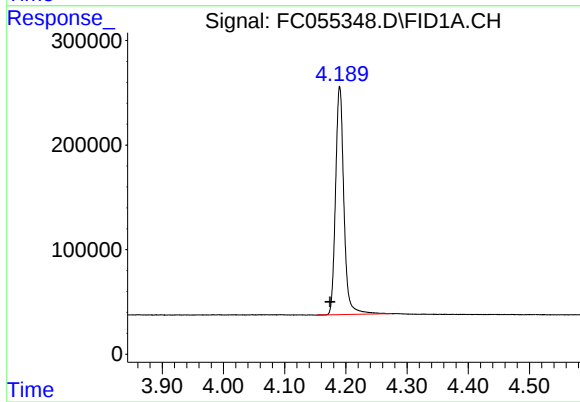
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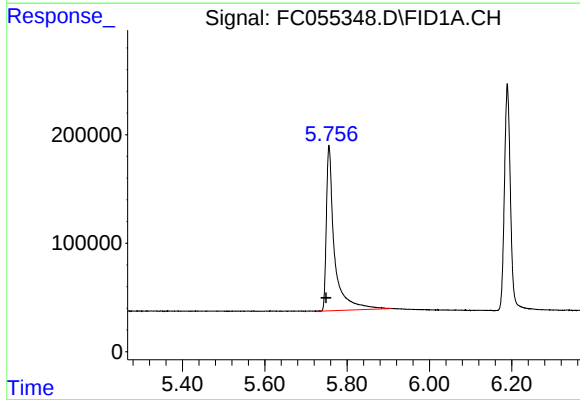
#1 n-Nonane (C9)

R.T.: 3.141 min
Delta R.T.: 0.016 min
Response: 2029045
Conc: 19.40 ug/ml



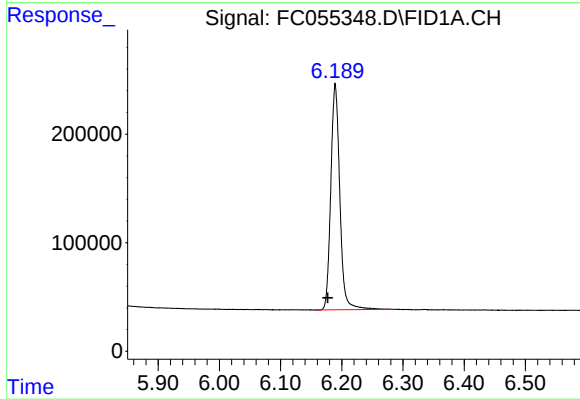
#2 n-Decane (C10)

R.T.: 4.190 min
Delta R.T.: 0.015 min
Response: 2067838
Conc: 19.64 ug/ml



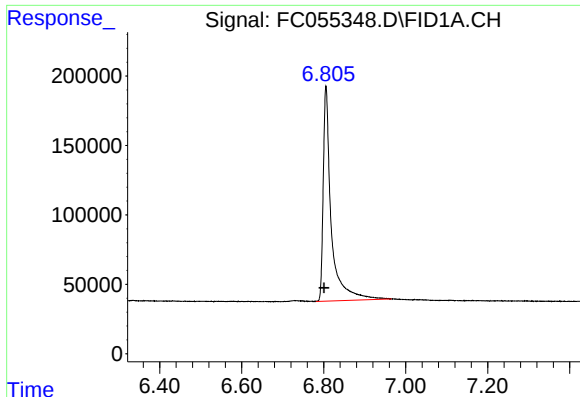
#3 A~Naphthalene (C11.7)

R.T.: 5.757 min
Delta R.T.: 0.008 min
Response: 2086402
Conc: 19.20 ug/ml



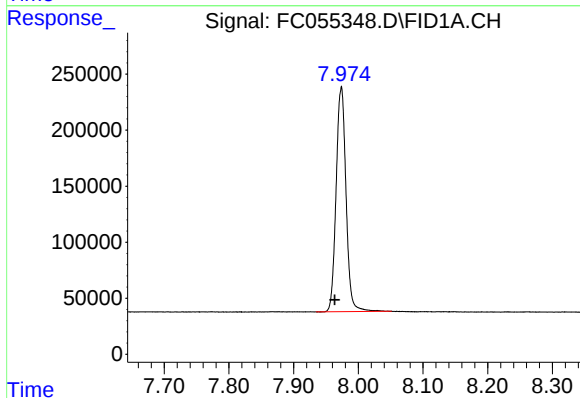
#4 n-Dodecane (C12)

R.T.: 6.189 min
Delta R.T.: 0.013 min
Response: 2133109
Conc: 19.64 ug/ml



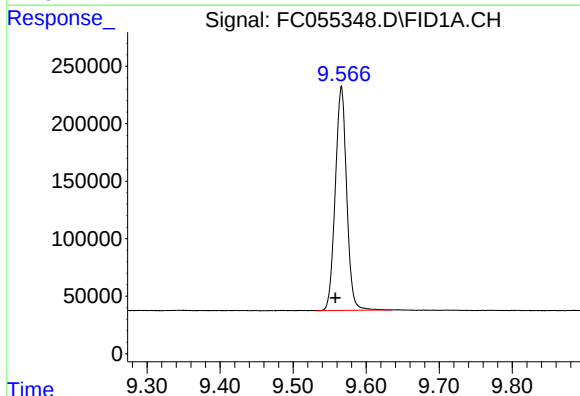
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.805 min
Delta R.T.: 0.005 min
Response: 2118350
Conc: 19.41 ug/ml m



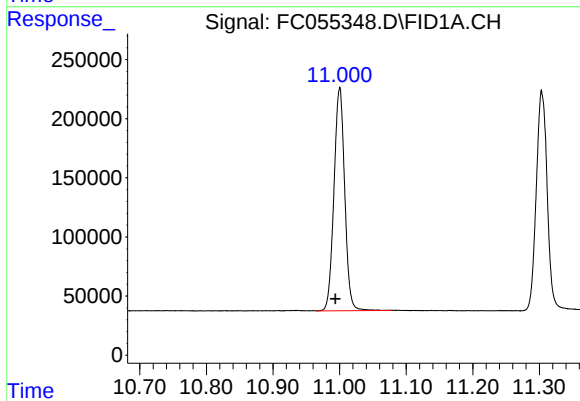
#6 n-Tetradecane (C14)

R.T.: 7.974 min
Delta R.T.: 0.010 min
Response: 2135188
Conc: 19.13 ug/ml



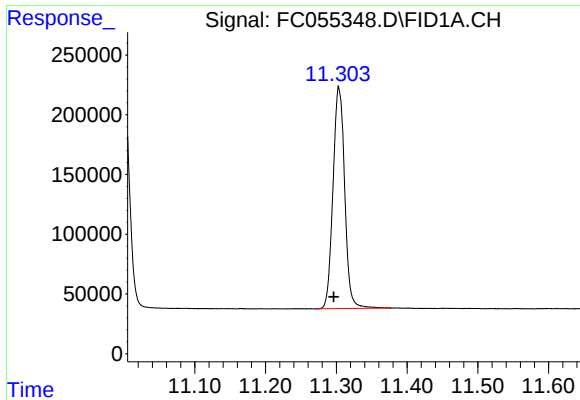
#7 n-Hexadecane (C16)

R.T.: 9.566 min
Delta R.T.: 0.008 min
Response: 2110671
Conc: 18.51 ug/ml



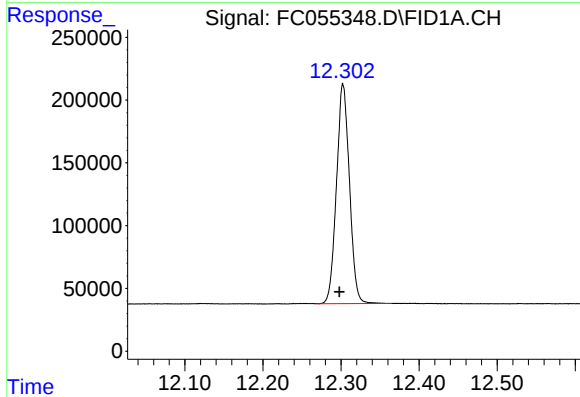
#8 n-Octadecane (C18)

R.T.: 11.000 min
Delta R.T.: 0.006 min
Response: 2112715
Conc: 17.92 ug/ml



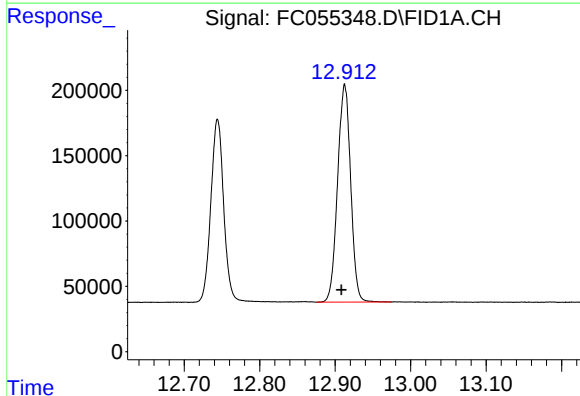
#9 ortho-Terphenyl (SURR)

R.T.: 11.304 min
Delta R.T.: 0.008 min
Response: 2132293
Conc: 16.94 ug/ml



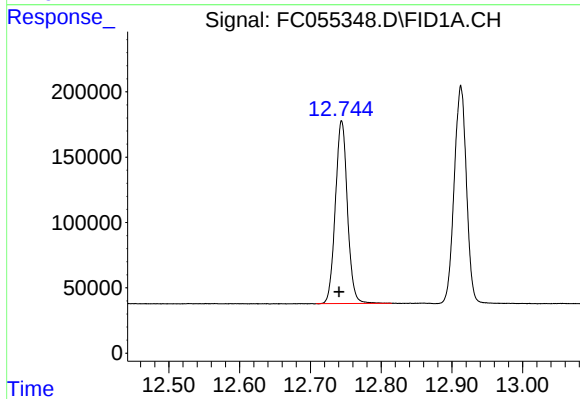
#10 n-Eicosane (C20)

R.T.: 12.303 min
Delta R.T.: 0.005 min
Response: 2018658
Conc: 17.19 ug/ml



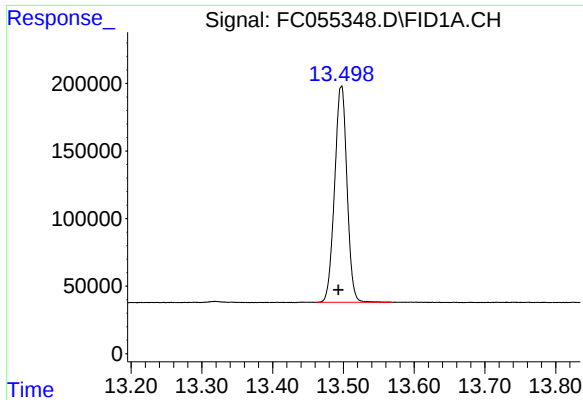
#11 n-Heneicosane (C21)

R.T.: 12.913 min
Delta R.T.: 0.004 min
Response: 2004985
Conc: 16.98 ug/ml



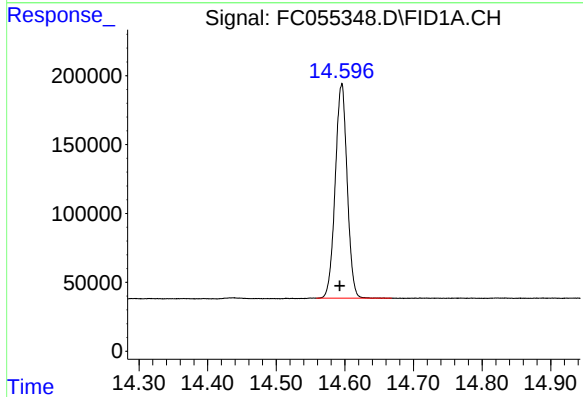
#12 1-chlorooctadecane (SURR)

R.T.: 12.744 min
Delta R.T.: 0.004 min
Response: 1654258
Conc: 16.69 ug/ml



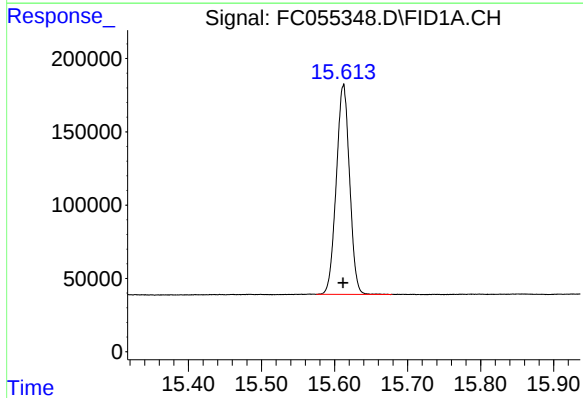
#13 n-Docosane (C22)

R.T.: 13.497 min
Delta R.T.: 0.004 min
Response: 1946438
Conc: 16.67 ug/ml



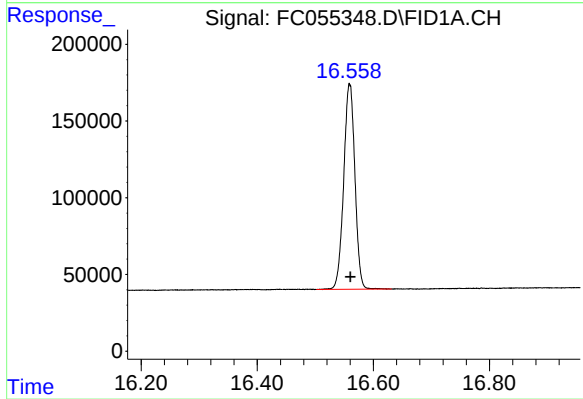
#14 n-Tetracosane (C24)

R.T.: 14.595 min
Delta R.T.: 0.003 min
Response: 1880098
Conc: 16.24 ug/ml



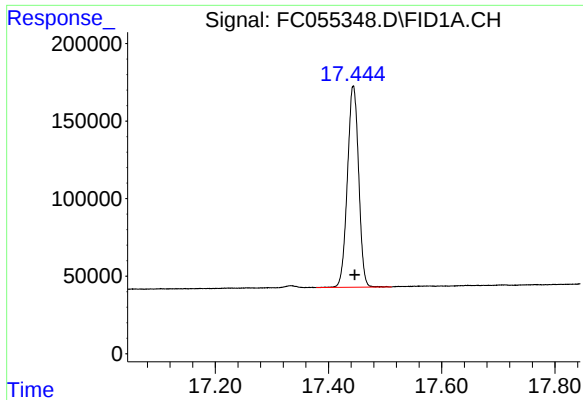
#15 n-Hexacosane (C26)

R.T.: 15.612 min
Delta R.T.: 0.000 min
Response: 1809241
Conc: 16.14 ug/ml



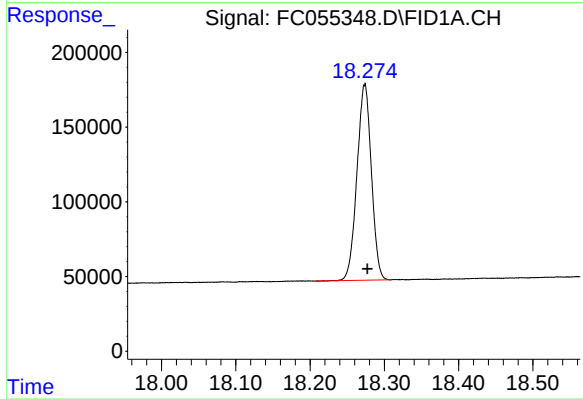
#16 n-Octacosane (C28)

R.T.: 16.559 min
Delta R.T.: -0.001 min
Response: 1796315
Conc: 16.54 ug/ml



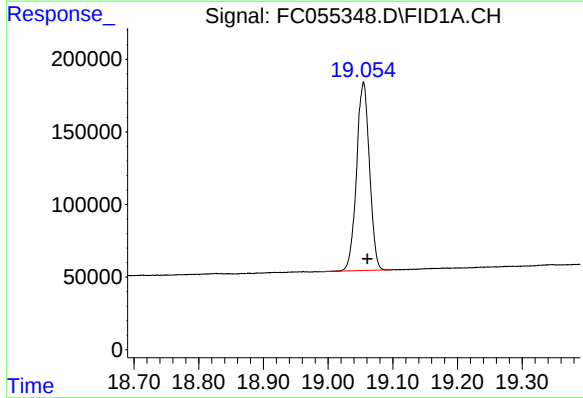
#17 n-Tricontane (C30)

R.T.: 17.444 min
Delta R.T.: -0.002 min
Response: 1788025
Conc: 17.12 ug/ml



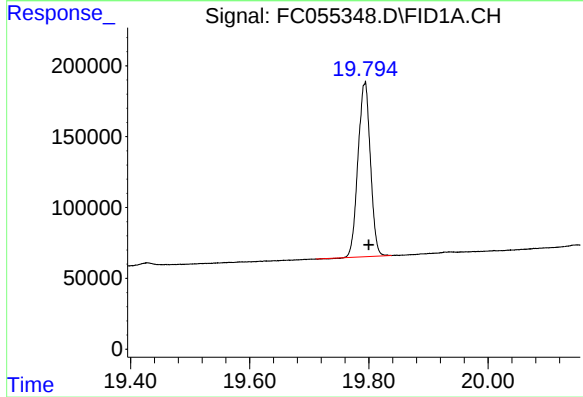
#18 n-Dotriacontane (C32)

R.T.: 18.274 min
Delta R.T.: -0.004 min
Response: 1769137
Conc: 17.86 ug/ml



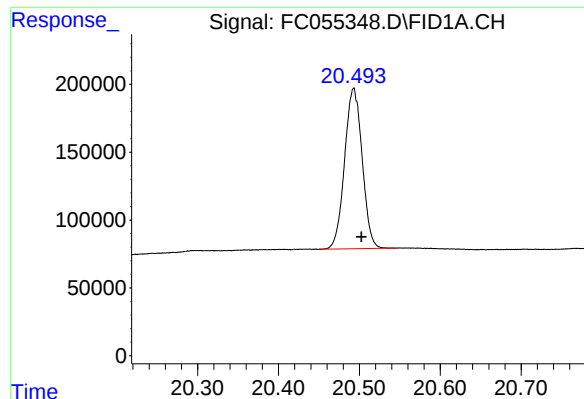
#19 n-Tetratriacontane (C34)

R.T.: 19.054 min
Delta R.T.: -0.006 min
Response: 1796817
Conc: 18.96 ug/ml



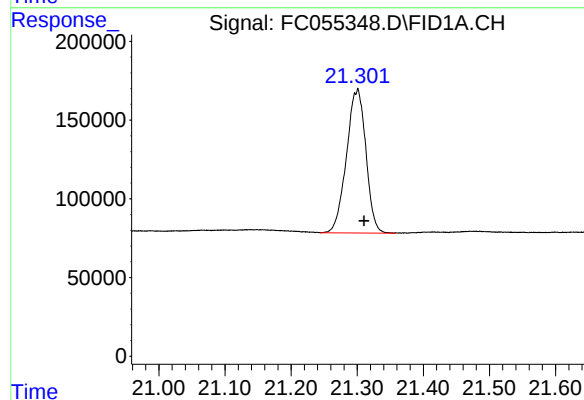
#20 n-Hexatriacontane (C36)

R.T.: 19.793 min
Delta R.T.: -0.006 min
Response: 1770482
Conc: 19.59 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.493 min
Delta R.T.: -0.010 min
Response: 1783972
Conc: 20.65 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.301 min
Delta R.T.: -0.009 min
Response: 1859612
Conc: 20.88 ug/ml m