

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC080621AL\
 Data File : FC055049.D
 Signal(s) : FID1A.CH
 Acq On : 06 Aug 2021 13:33
 Operator : AJ\MA
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Aug 09 03:14:53 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)	11.311	2573663	20.442 ug/ml
Spiked Amount 50.000		Recovery =	40.88%
12) S 1-chlorooctadecane (S...	12.752	2009231	20.273 ug/ml
Spiked Amount 50.000		Recovery =	40.55%
Target Compounds			
1) T n-Nonane (C9)	3.144	2368801	22.654 ug/ml
2) T n-Decane (C10)	4.194	2437415	23.146 ug/ml
3) T A~Naphthalene (C11.7)	5.759	2524427	23.233 ug/ml
4) T n-Dodecane (C12)	6.196	2476533	22.806 ug/ml
5) T A~2-methylnaphthalene...	6.809	2536956	23.245 ug/ml
6) T n-Tetradecane (C14)	7.980	2497807	22.374 ug/ml
7) T n-Hexadecane (C16)	9.573	2484164	21.781 ug/ml
8) T n-Octadecane (C18)	11.008	2488247	21.101 ug/ml
10) T n-Eicosane (C20)	12.311	2400404	20.446 ug/ml
11) T n-Heneicosane (C21)	12.920	2388248	20.226 ug/ml
13) T n-Docosane (C22)	13.504	2354027	20.155 ug/ml
14) T n-Tetracosane (C24)	14.603	2266829	19.584 ug/ml
15) T n-Hexacosane (C26)	15.621	2168829	19.352 ug/ml
16) T n-Octacosane (C28)	16.568	2124394	19.567 ug/ml
17) T n-Tricontane (C30)	17.453	2092411	20.040 ug/ml
18) T n-Dotriacontane (C32)	18.284	2017853	20.375 ug/ml
19) T n-Tetratriacontane (C34)	19.065	2076601	21.910 ug/ml
20) T n-Hexatriacontane (C36)	19.802	2475588	27.395 ug/ml
21) T n-Octatriacontane (C38)	20.504	3208423	37.133 ug/ml
22) T n-Tetracontane (C40)	21.314	1942702	21.815 ug/ml

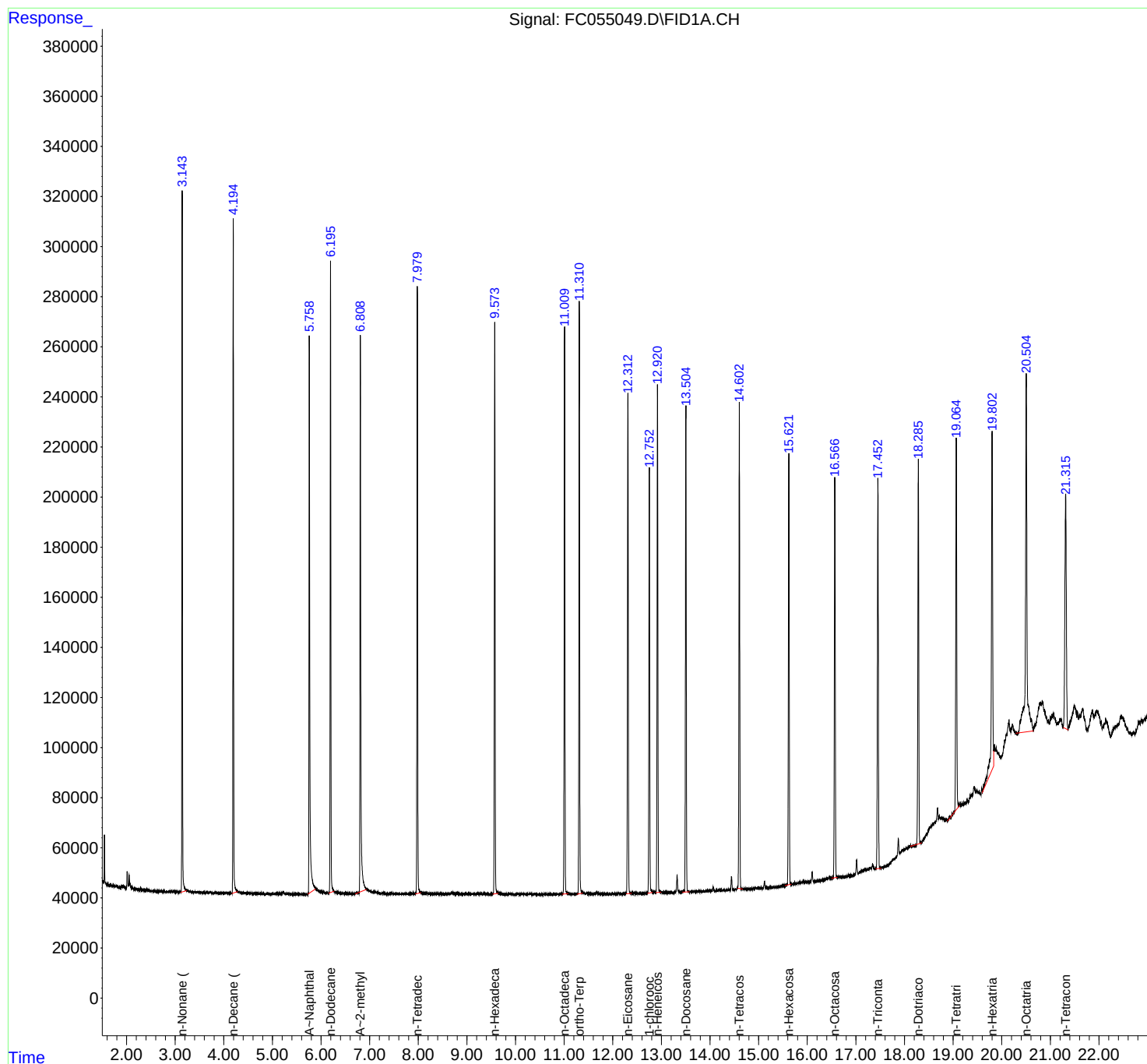
(f)=RT Delta > 1/2 Window

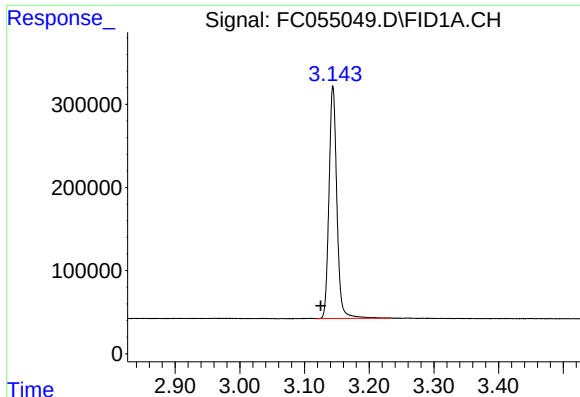
(m)=manual int.

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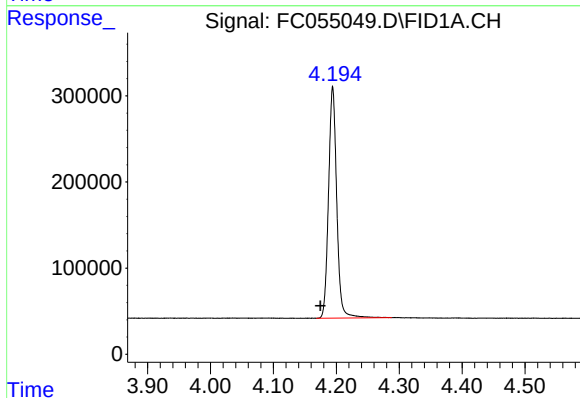
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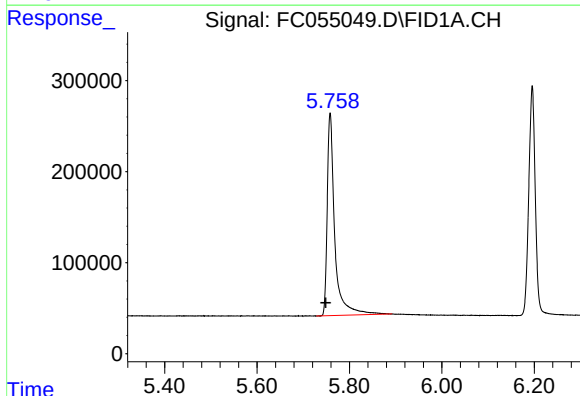
#1 n-Nonane (C9)

R.T.: 3.144 min
Delta R.T.: 0.019 min
Response: 2368801
Conc: 22.65 ug/ml



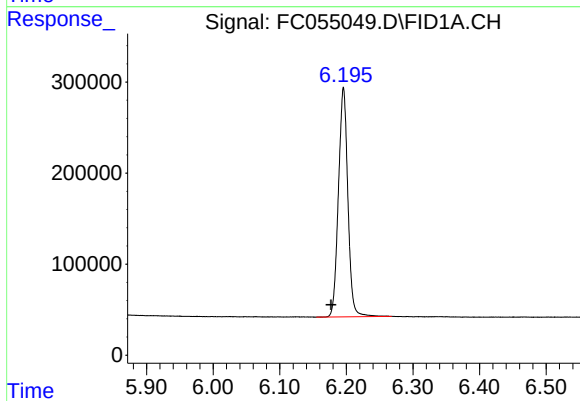
#2 n-Decane (C10)

R.T.: 4.194 min
Delta R.T.: 0.020 min
Response: 2437415
Conc: 23.15 ug/ml



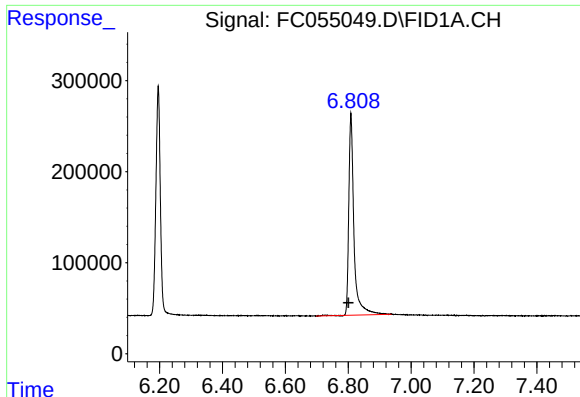
#3 A~Naphthalene (C11.7)

R.T.: 5.759 min
Delta R.T.: 0.010 min
Response: 2524427
Conc: 23.23 ug/ml



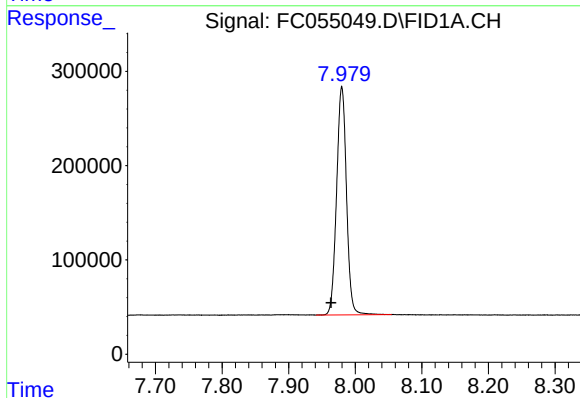
#4 n-Dodecane (C12)

R.T.: 6.196 min
Delta R.T.: 0.019 min
Response: 2476533
Conc: 22.81 ug/ml



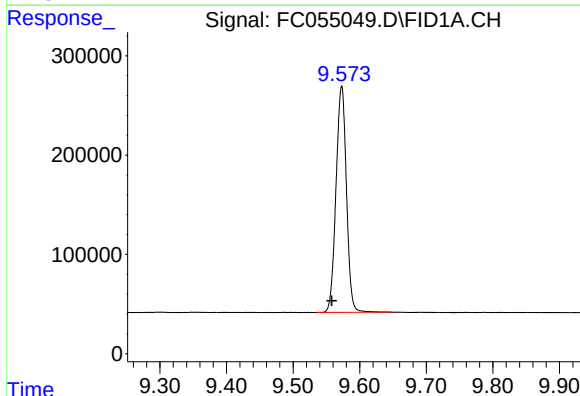
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.809 min
Delta R.T.: 0.008 min
Response: 2536956
Conc: 23.25 ug/ml



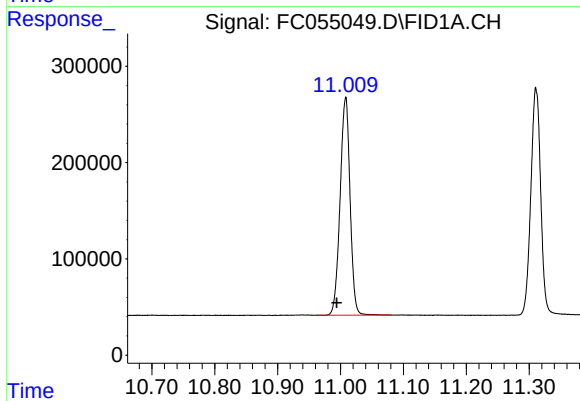
#6 n-Tetradecane (C14)

R.T.: 7.980 min
Delta R.T.: 0.016 min
Response: 2497807
Conc: 22.37 ug/ml



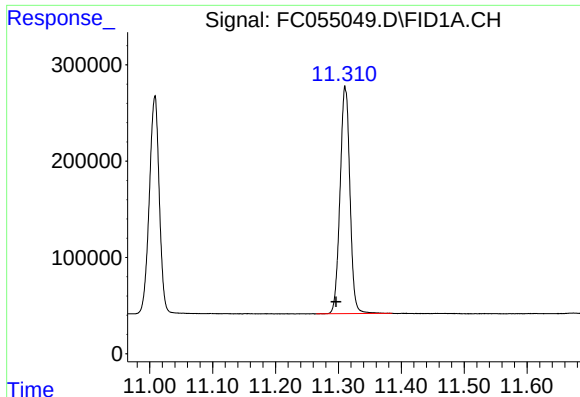
#7 n-Hexadecane (C16)

R.T.: 9.573 min
Delta R.T.: 0.015 min
Response: 2484164
Conc: 21.78 ug/ml



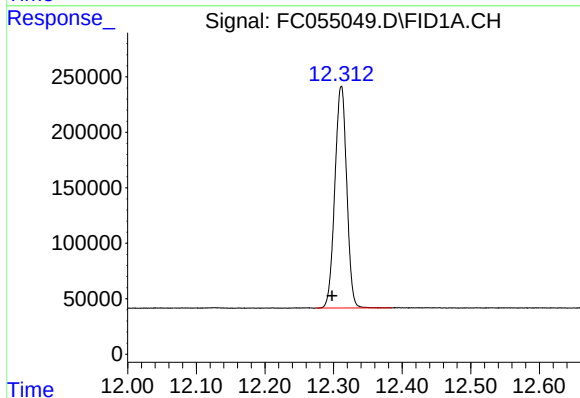
#8 n-Octadecane (C18)

R.T.: 11.008 min
Delta R.T.: 0.014 min
Response: 2488247
Conc: 21.10 ug/ml



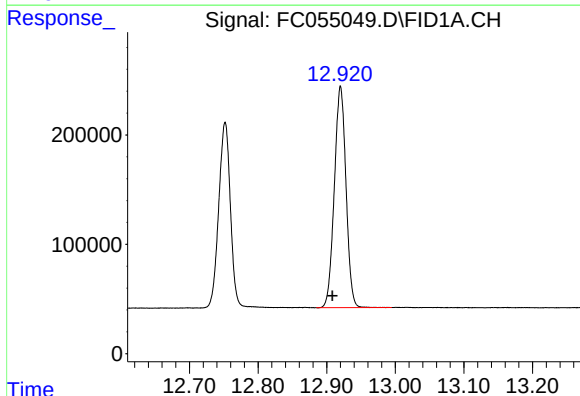
#9 ortho-Terphenyl (SURR)

R.T.: 11.311 min
Delta R.T.: 0.015 min
Response: 2573663
Conc: 20.44 ug/ml



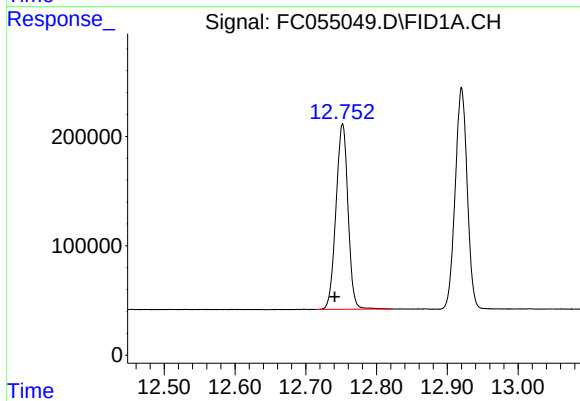
#10 n-Eicosane (C20)

R.T.: 12.311 min
Delta R.T.: 0.013 min
Response: 2400404
Conc: 20.45 ug/ml



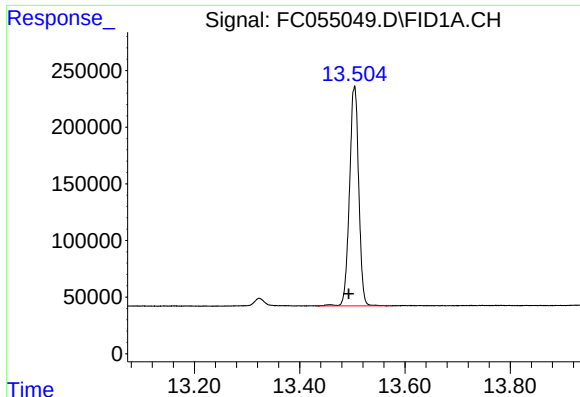
#11 n-Heneicosane (C21)

R.T.: 12.920 min
Delta R.T.: 0.012 min
Response: 2388248
Conc: 20.23 ug/ml



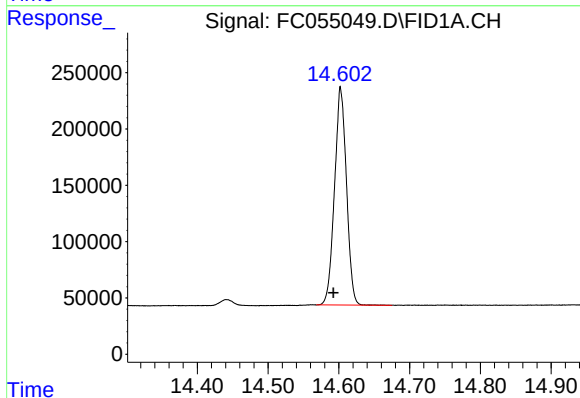
#12 1-chlorooctadecane (SURR)

R.T.: 12.752 min
Delta R.T.: 0.011 min
Response: 2009231
Conc: 20.27 ug/ml



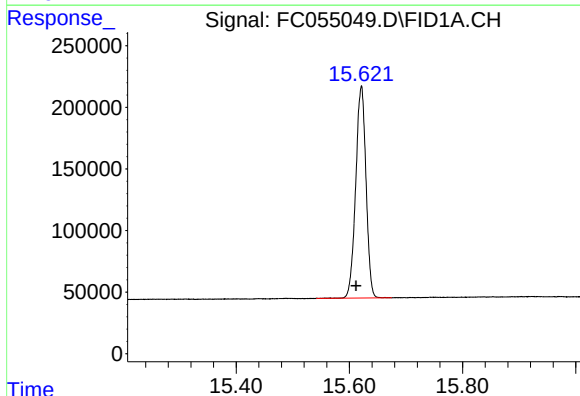
#13 n-Docosane (C22)

R.T.: 13.504 min
Delta R.T.: 0.011 min
Response: 2354027
Conc: 20.15 ug/ml



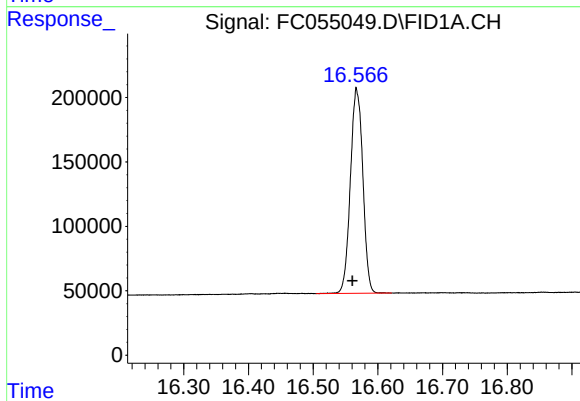
#14 n-Tetracosane (C24)

R.T.: 14.603 min
Delta R.T.: 0.010 min
Response: 2266829
Conc: 19.58 ug/ml



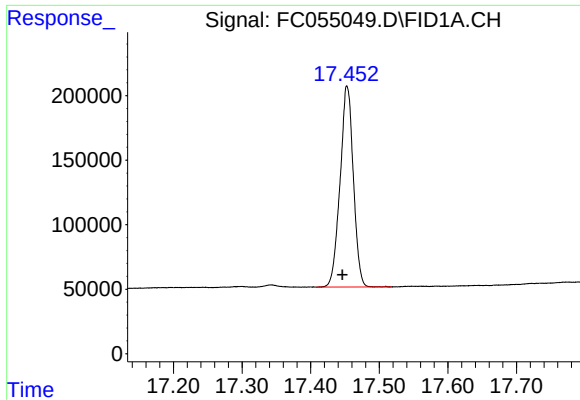
#15 n-Hexacosane (C26)

R.T.: 15.621 min
Delta R.T.: 0.009 min
Response: 2168829
Conc: 19.35 ug/ml



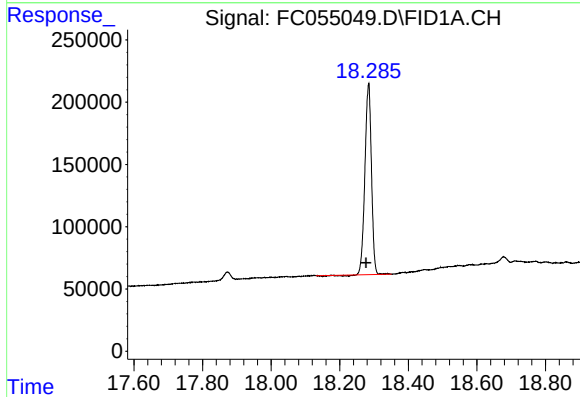
#16 n-Octacosane (C28)

R.T.: 16.568 min
Delta R.T.: 0.007 min
Response: 2124394
Conc: 19.57 ug/ml



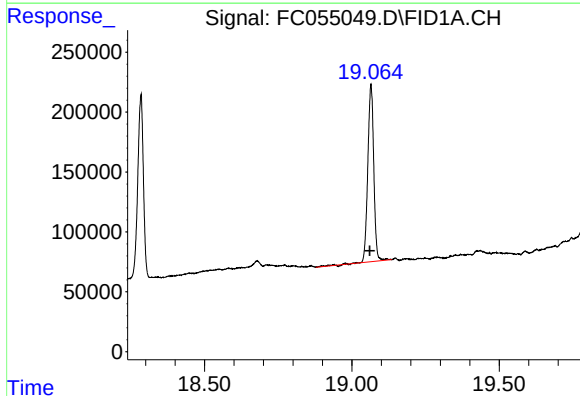
#17 n-Tricontane (C30)

R.T.: 17.453 min
Delta R.T.: 0.007 min
Response: 2092411
Conc: 20.04 ug/ml



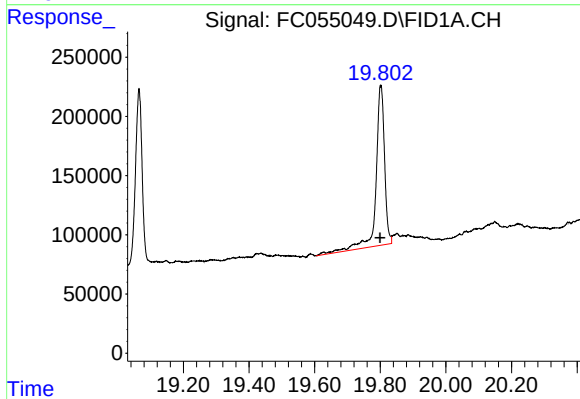
#18 n-Dotriacontane (C32)

R.T.: 18.284 min
Delta R.T.: 0.007 min
Response: 2017853
Conc: 20.38 ug/ml



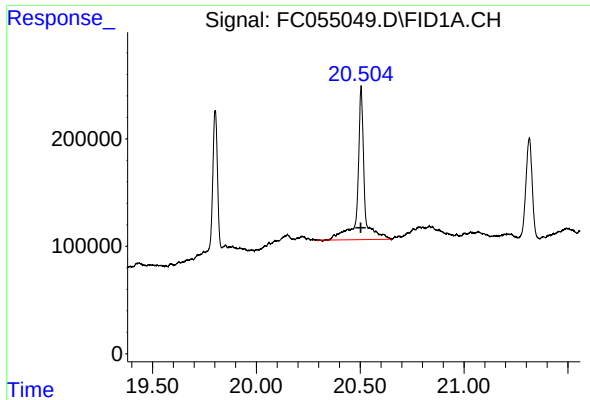
#19 n-Tetratriacontane (C34)

R.T.: 19.065 min
Delta R.T.: 0.004 min
Response: 2076601
Conc: 21.91 ug/ml



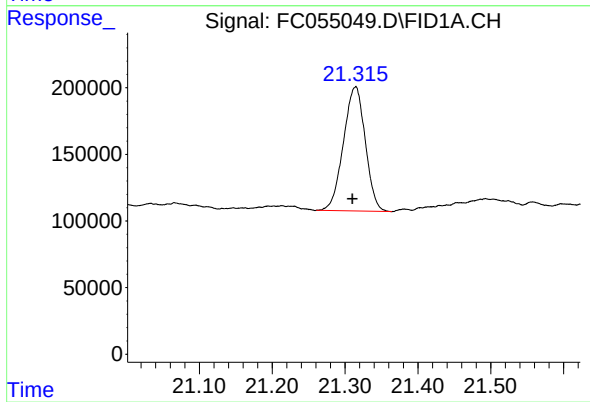
#20 n-Hexatriacontane (C36)

R.T.: 19.802 min
Delta R.T.: 0.002 min
Response: 2475588
Conc: 27.40 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.504 min
Delta R.T.: 0.002 min
Response: 3208423
Conc: 37.13 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.314 min
Delta R.T.: 0.004 min
Response: 1942702
Conc: 21.81 ug/ml