

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC080621AL\
 Data File : FC055045.D
 Signal(s) : FID1A.CH
 Acq On : 06 Aug 2021 10:53
 Operator : AJ\MA
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Aug 09 03:14:02 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)	11.306	2629423	20.885 ug/ml
Spiked Amount 50.000		Recovery =	41.77%
12) S 1-chlorooctadecane (S...	12.747	2046326	20.648 ug/ml
Spiked Amount 50.000		Recovery =	41.30%
Target Compounds			
1) T n-Nonane (C9)	3.139	2362417	22.593 ug/ml
2) T n-Decane (C10)	4.189	2440043	23.171 ug/ml
3) T A~Naphthalene (C11.7)	5.754	2563678	23.594 ug/ml
4) T n-Dodecane (C12)	6.191	2503844	23.058 ug/ml
5) T A~2-methylnaphthalene...	6.804	2593347	23.762 ug/ml
6) T n-Tetradecane (C14)	7.976	2535674	22.714 ug/ml
7) T n-Hexadecane (C16)	9.568	2522294	22.115 ug/ml
8) T n-Octadecane (C18)	11.003	2535696	21.503 ug/ml
10) T n-Eicosane (C20)	12.306	2460106	20.954 ug/ml
11) T n-Heneicosane (C21)	12.915	2445718	20.713 ug/ml
13) T n-Docosane (C22)	13.500	2409218	20.628 ug/ml
14) T n-Tetracosane (C24)	14.599	2347860	20.284 ug/ml
15) T n-Hexacosane (C26)	15.616	2225649	19.859 ug/ml
16) T n-Octacosane (C28)	16.563	2160636	19.900 ug/ml
17) T n-Tricontane (C30)	17.447	2108543	20.195 ug/ml
18) T n-Dotriacontane (C32)	18.278	2062498	20.826 ug/ml
19) T n-Tetratriacontane (C34)	19.059	2035610	21.477 ug/ml
20) T n-Hexatriacontane (C36)	19.798	1995265	22.080 ug/mlm
21) T n-Octatriacontane (C38)	20.498	1970207	22.802 ug/mlm
22) T n-Tetracontane (C40)	21.303	2025705	22.747 ug/mlm

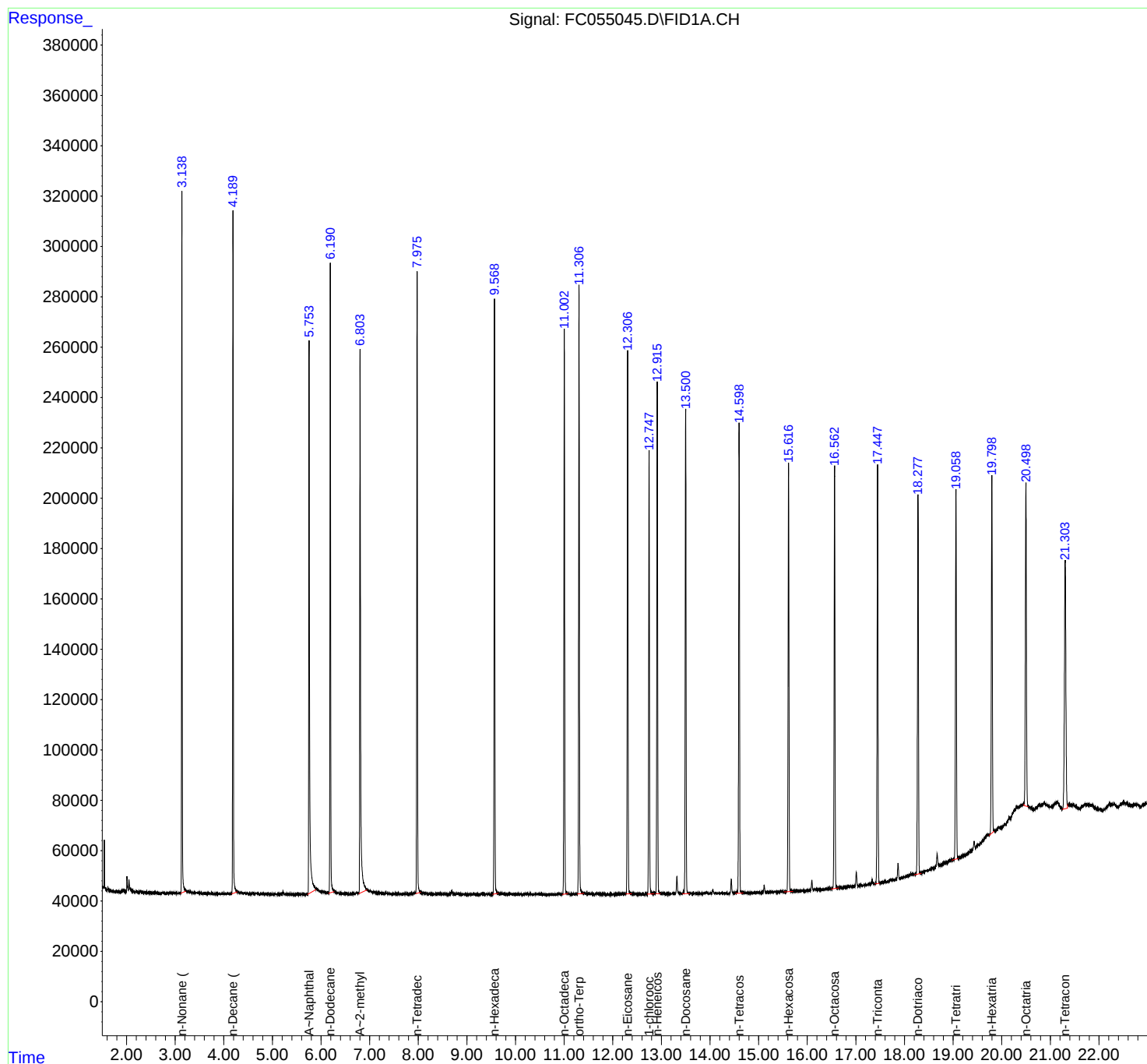
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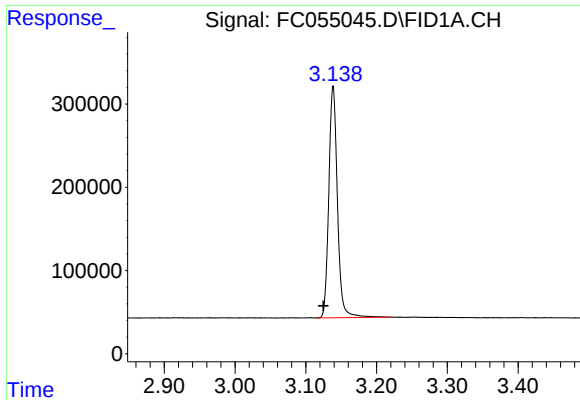
(m)=manual int.

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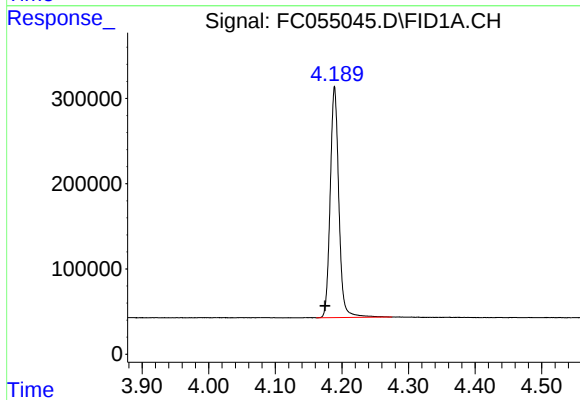
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Signal Info : 20M x 0.18mm x 0.18um





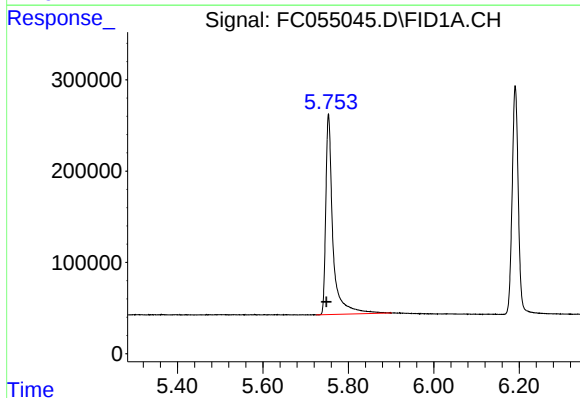
#1 n-Nonane (C9)

R.T.: 3.139 min
Delta R.T.: 0.014 min
Response: 2362417
Conc: 22.59 ug/ml



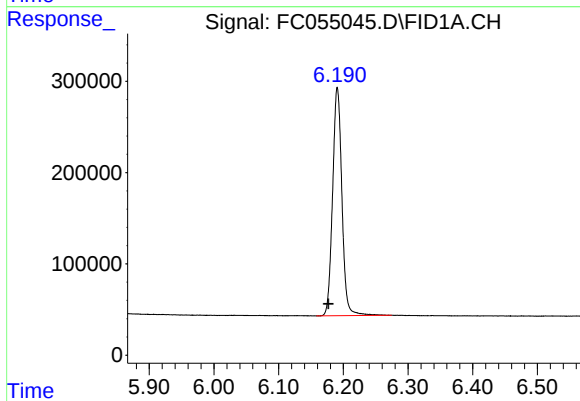
#2 n-Decane (C10)

R.T.: 4.189 min
Delta R.T.: 0.014 min
Response: 2440043
Conc: 23.17 ug/ml



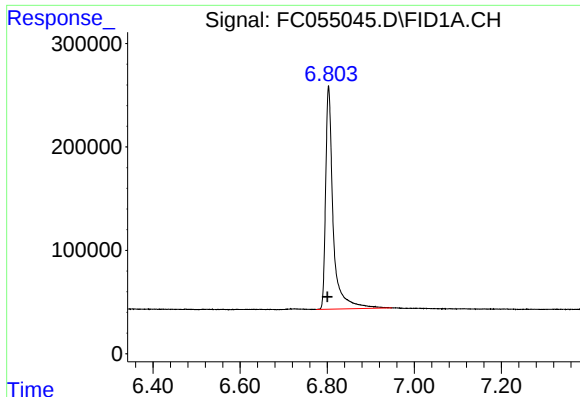
#3 A~Naphthalene (C11.7)

R.T.: 5.754 min
Delta R.T.: 0.005 min
Response: 2563678
Conc: 23.59 ug/ml



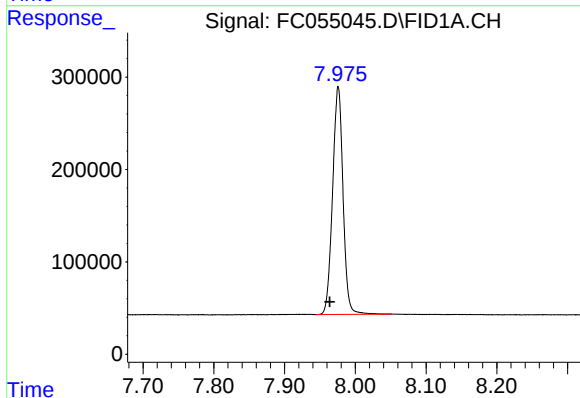
#4 n-Dodecane (C12)

R.T.: 6.191 min
Delta R.T.: 0.014 min
Response: 2503844
Conc: 23.06 ug/ml



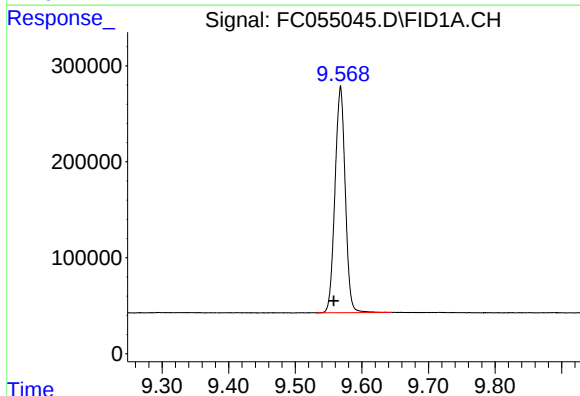
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.804 min
Delta R.T.: 0.003 min
Response: 2593347
Conc: 23.76 ug/ml



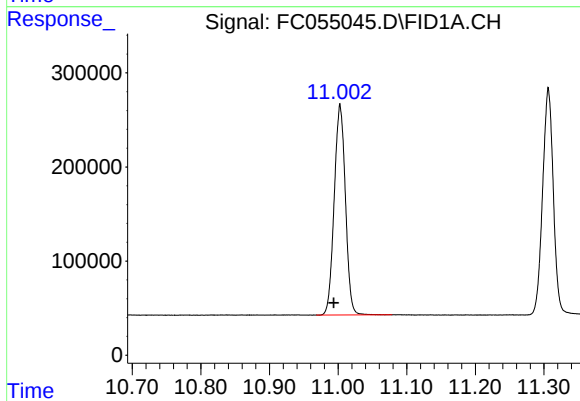
#6 n-Tetradecane (C14)

R.T.: 7.976 min
Delta R.T.: 0.012 min
Response: 2535674
Conc: 22.71 ug/ml



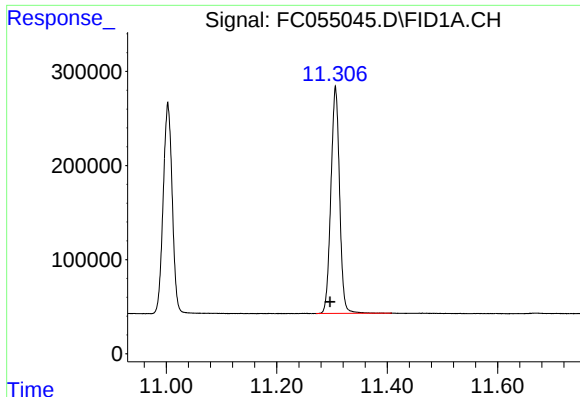
#7 n-Hexadecane (C16)

R.T.: 9.568 min
Delta R.T.: 0.010 min
Response: 2522294
Conc: 22.12 ug/ml



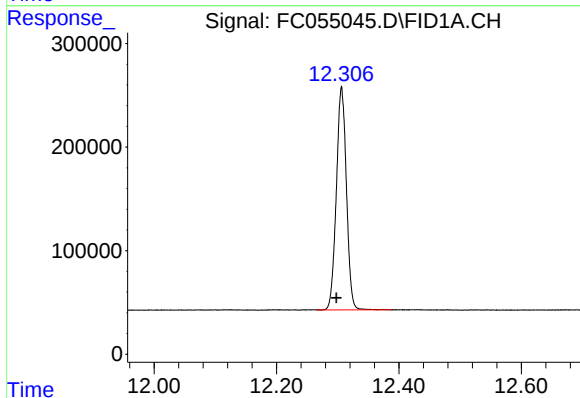
#8 n-Octadecane (C18)

R.T.: 11.003 min
Delta R.T.: 0.009 min
Response: 2535696
Conc: 21.50 ug/ml



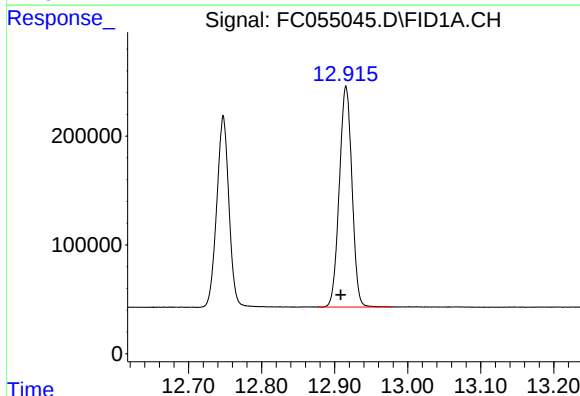
#9 ortho-Terphenyl (SURR)

R.T.: 11.306 min
Delta R.T.: 0.010 min
Response: 2629423
Conc: 20.89 ug/ml



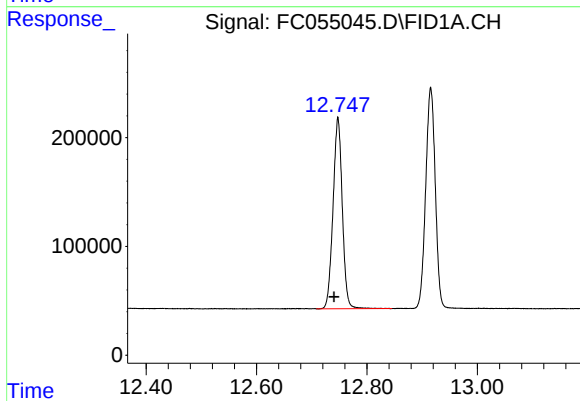
#10 n-Eicosane (C20)

R.T.: 12.306 min
Delta R.T.: 0.008 min
Response: 2460106
Conc: 20.95 ug/ml



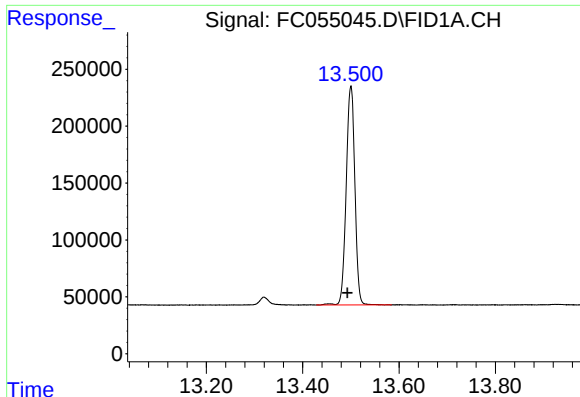
#11 n-Heneicosane (C21)

R.T.: 12.915 min
Delta R.T.: 0.007 min
Response: 2445718
Conc: 20.71 ug/ml



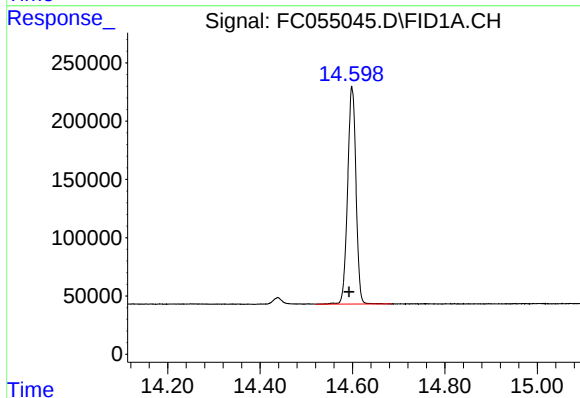
#12 1-chlorooctadecane (SURR)

R.T.: 12.747 min
Delta R.T.: 0.007 min
Response: 2046326
Conc: 20.65 ug/ml



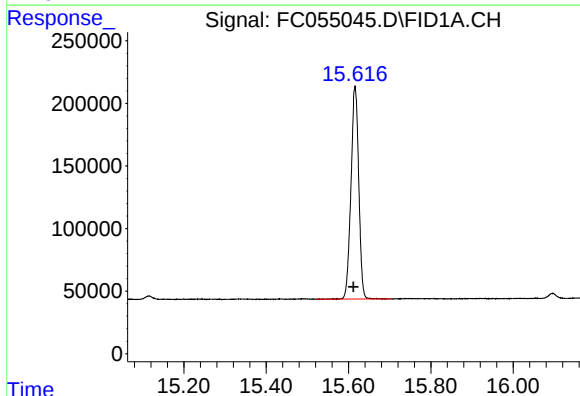
#13 n-Docosane (C22)

R.T.: 13.500 min
Delta R.T.: 0.007 min
Response: 2409218
Conc: 20.63 ug/ml



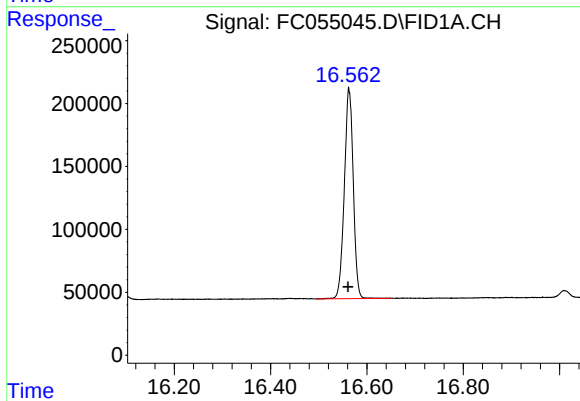
#14 n-Tetracosane (C24)

R.T.: 14.599 min
Delta R.T.: 0.006 min
Response: 2347860
Conc: 20.28 ug/ml



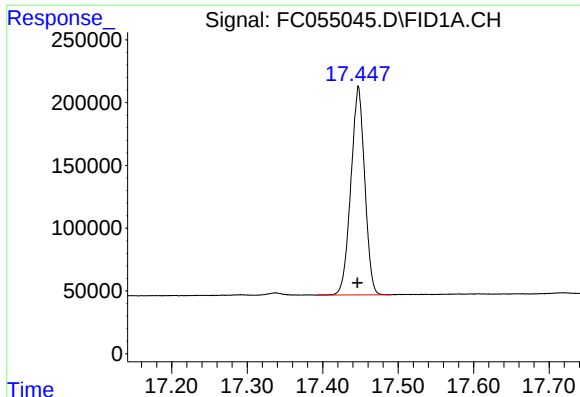
#15 n-Hexacosane (C26)

R.T.: 15.616 min
Delta R.T.: 0.004 min
Response: 2225649
Conc: 19.86 ug/ml



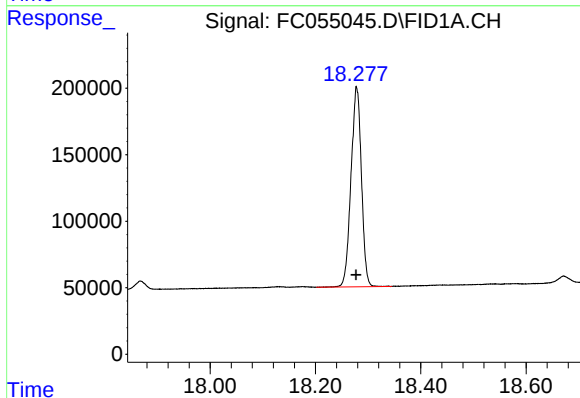
#16 n-Octacosane (C28)

R.T.: 16.563 min
Delta R.T.: 0.002 min
Response: 2160636
Conc: 19.90 ug/ml



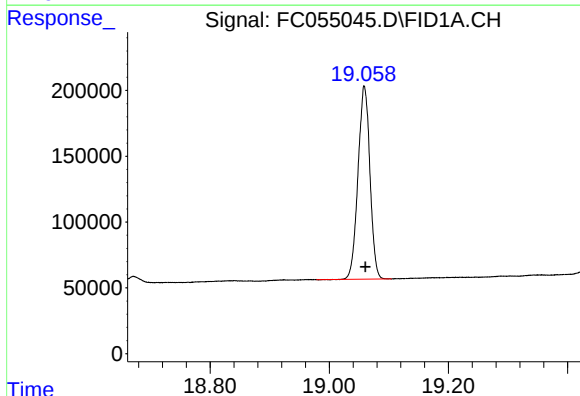
#17 n-Tricontane (C30)

R.T.: 17.447 min
Delta R.T.: 0.000 min
Response: 2108543
Conc: 20.19 ug/ml



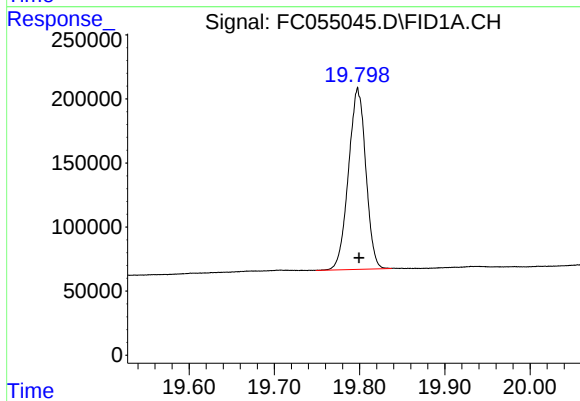
#18 n-Dotriacontane (C32)

R.T.: 18.278 min
Delta R.T.: 0.000 min
Response: 2062498
Conc: 20.83 ug/ml



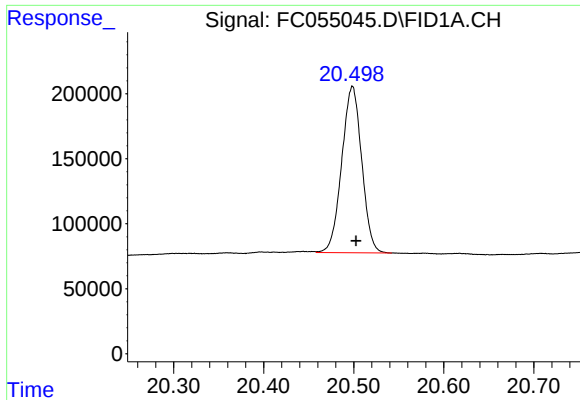
#19 n-Tetratriacontane (C34)

R.T.: 19.059 min
Delta R.T.: -0.002 min
Response: 2035610
Conc: 21.48 ug/ml



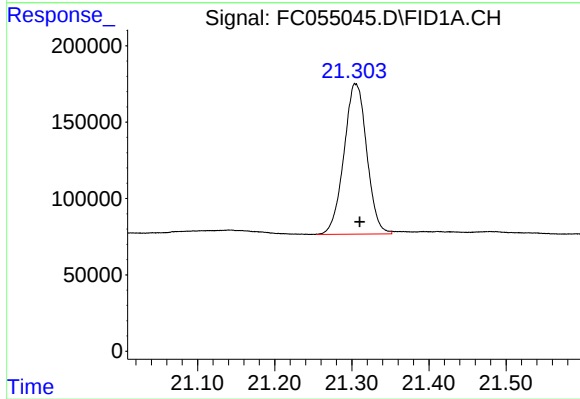
#20 n-Hexatriacontane (C36)

R.T.: 19.798 min
Delta R.T.: -0.002 min
Response: 1995265
Conc: 22.08 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 20.498 min
Delta R.T.: -0.005 min
Response: 1970207
Conc: 22.80 ug/ml m



#22 n-Tetracontane (C40)

R.T.: 21.303 min
Delta R.T.: -0.007 min
Response: 2025705
Conc: 22.75 ug/ml m