

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC071921AL\
 Data File : FC054756.D
 Signal(s) : FID1A.CH
 Acq On : 20 Jul 2021 2:53
 Operator : AJ\MA
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Jul 20 03:52:06 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 062521.M
 Quant Title : GC Extractables
 QLast Update : Sat Jun 26 02:10:35 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)	11.316	2913201	20.578 ug/ml
Spiked Amount 50.000		Recovery =	41.16%
12) S 1-chlorooctadecane (S...	12.760	2269298	20.357 ug/ml
Spiked Amount 50.000		Recovery =	40.71%
Target Compounds			
1) T n-Nonane (C9)	3.132	2636633	22.421 ug/ml
2) T n-Decane (C10)	4.186	2672043	22.503 ug/ml
3) T A~Naphthalene (C11.7)	5.752	2885648	21.949 ug/ml
4) T n-Dodecane (C12)	6.192	2715736	22.659 ug/ml
5) T A~2-methylnaphthalene...	6.805	2888317	21.878 ug/ml
6) T n-Tetradecane (C14)	7.980	2754832	22.611 ug/ml
7) T n-Hexadecane (C16)	9.576	2748353	22.064 ug/ml
8) T n-Octadecane (C18)	11.014	2787595	21.583 ug/ml
10) T n-Eicosane (C20)	12.319	2725138	20.943 ug/ml
11) T n-Heneicosane (C21)	12.929	2719314	20.482 ug/ml
13) T n-Docosane (C22)	13.514	2666930	20.131 ug/ml
14) T n-Tetracosane (C24)	14.614	2614744	19.316 ug/ml
15) T n-Hexacosane (C26)	15.633	2518098	18.583 ug/ml
16) T n-Octacosane (C28)	16.582	2446178	17.822 ug/ml
17) T n-Tricontane (C30)	17.467	2392000	17.270 ug/ml
18) T n-Dotriacontane (C32)	18.299	2338171	17.090 ug/ml
19) T n-Tetratriacontane (C34)	19.082	2363382	17.491 ug/ml
20) T n-Hexatriacontane (C36)	19.821	2248205	18.213 ug/ml
21) T n-Octatriacontane (C38)	20.525	2871428	25.385 ug/ml
22) T n-Tetracontane (C40)	21.341	2313822	20.471 ug/ml

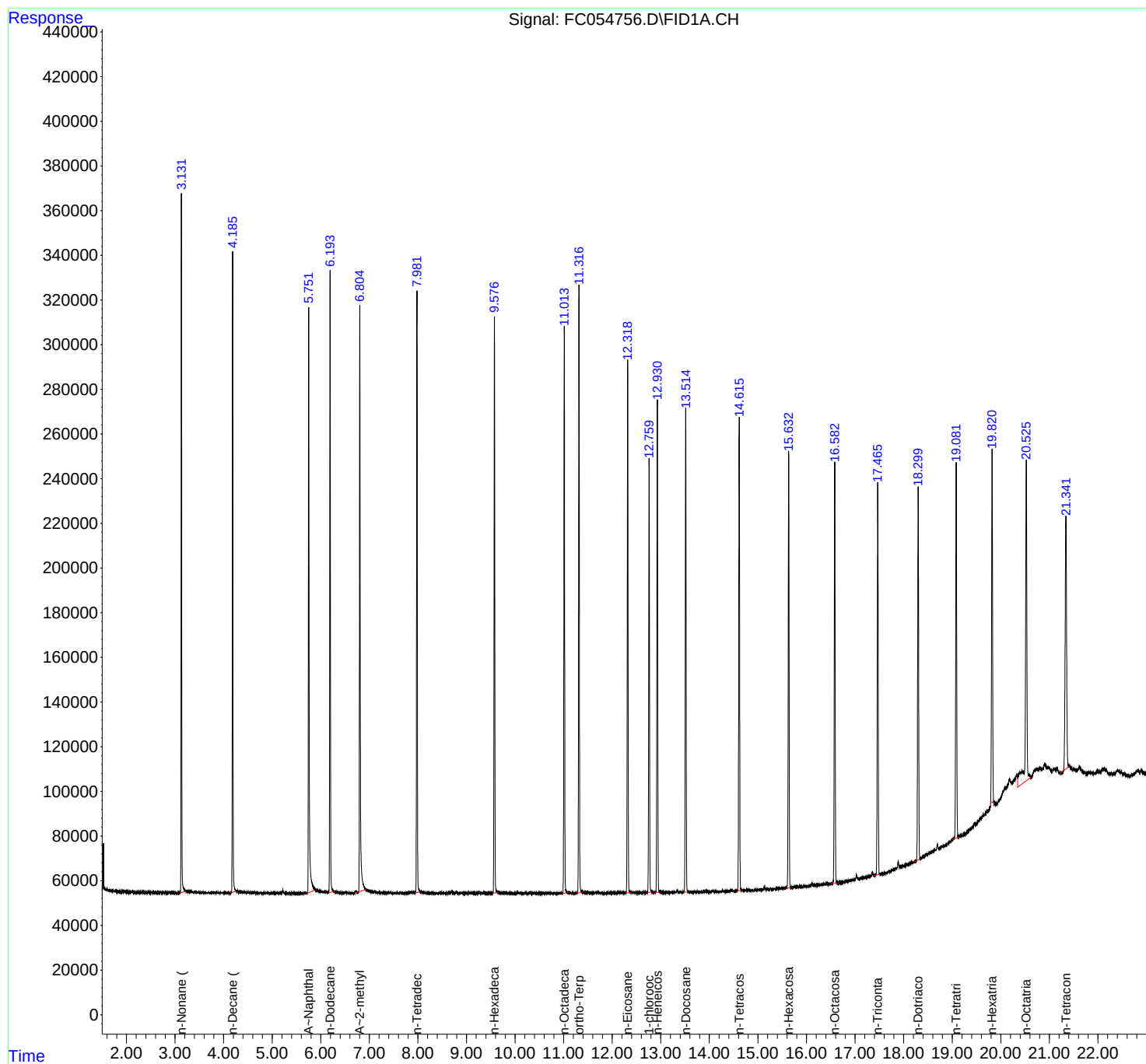
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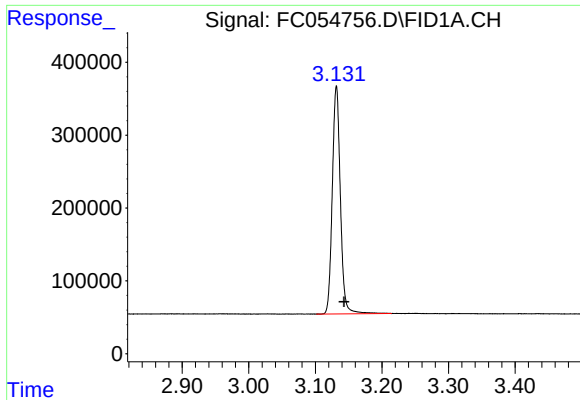
(m)=manual int.

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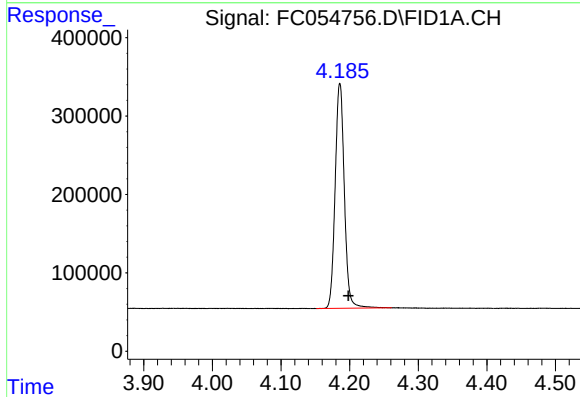
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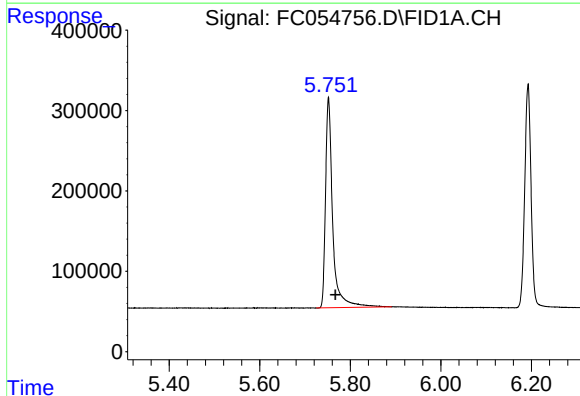
#1 n-Nonane (C9)

R.T.: 3.132 min
Delta R.T.: -0.011 min
Response: 2636633
Conc: 22.42 ug/ml



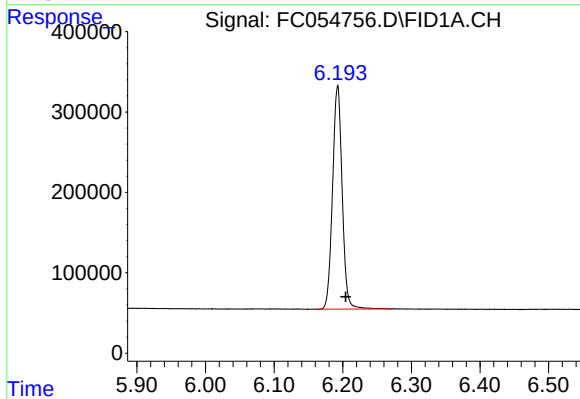
#2 n-Decane (C10)

R.T.: 4.186 min
Delta R.T.: -0.012 min
Response: 2672043
Conc: 22.50 ug/ml



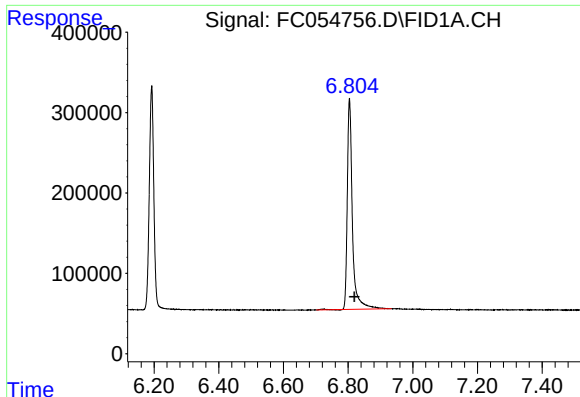
#3 A~Naphthalene (C11.7)

R.T.: 5.752 min
Delta R.T.: -0.015 min
Response: 2885648
Conc: 21.95 ug/ml



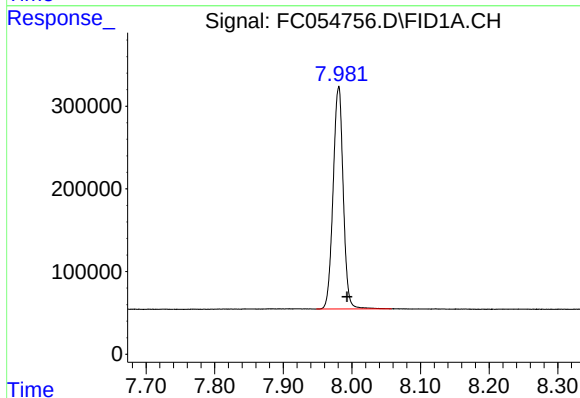
#4 n-Dodecane (C12)

R.T.: 6.192 min
Delta R.T.: -0.012 min
Response: 2715736
Conc: 22.66 ug/ml



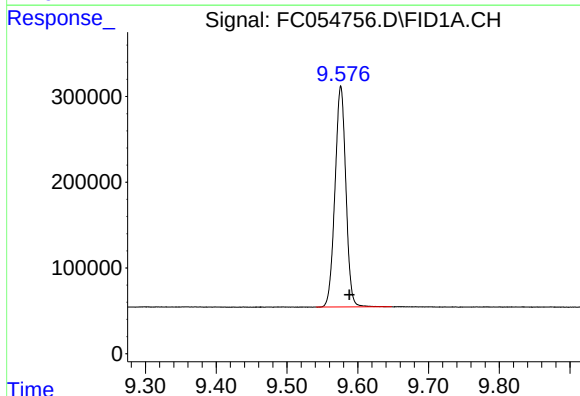
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.805 min
Delta R.T.: -0.015 min
Response: 2888317
Conc: 21.88 ug/ml



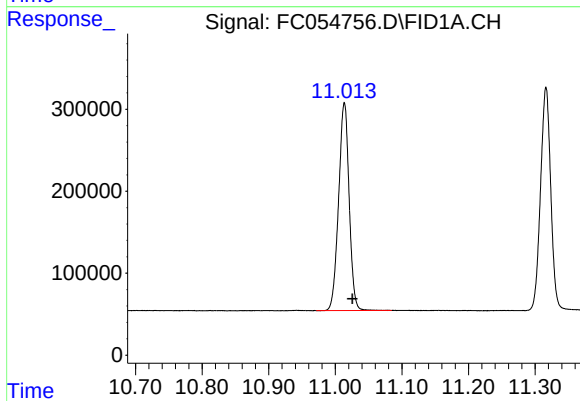
#6 n-Tetradecane (C14)

R.T.: 7.980 min
Delta R.T.: -0.013 min
Response: 2754832
Conc: 22.61 ug/ml



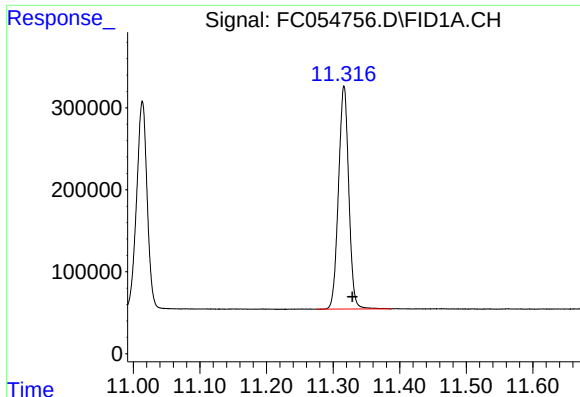
#7 n-Hexadecane (C16)

R.T.: 9.576 min
Delta R.T.: -0.012 min
Response: 2748353
Conc: 22.06 ug/ml



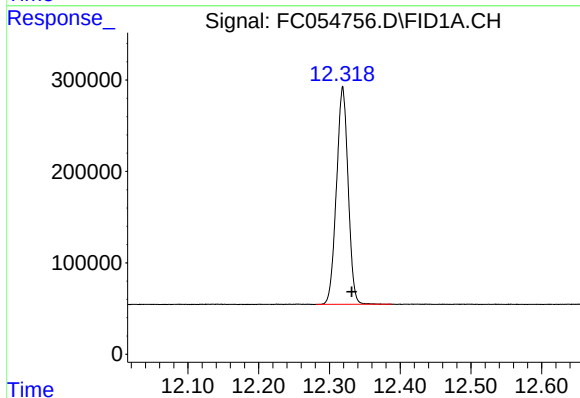
#8 n-Octadecane (C18)

R.T.: 11.014 min
Delta R.T.: -0.012 min
Response: 2787595
Conc: 21.58 ug/ml



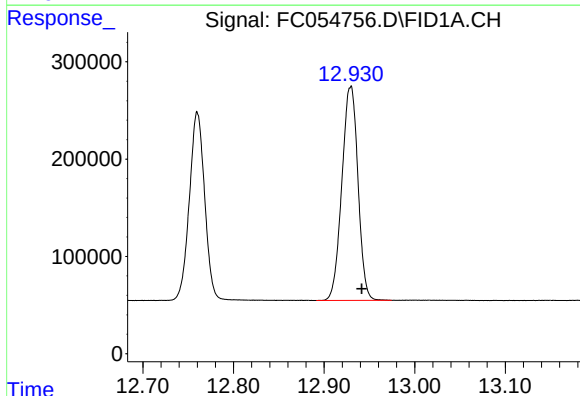
#9 ortho-Terphenyl (SURR)

R.T.: 11.316 min
Delta R.T.: -0.013 min
Response: 2913201
Conc: 20.58 ug/ml



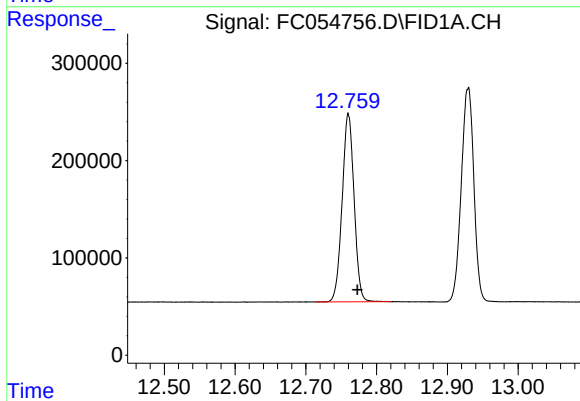
#10 n-Eicosane (C20)

R.T.: 12.319 min
Delta R.T.: -0.013 min
Response: 2725138
Conc: 20.94 ug/ml



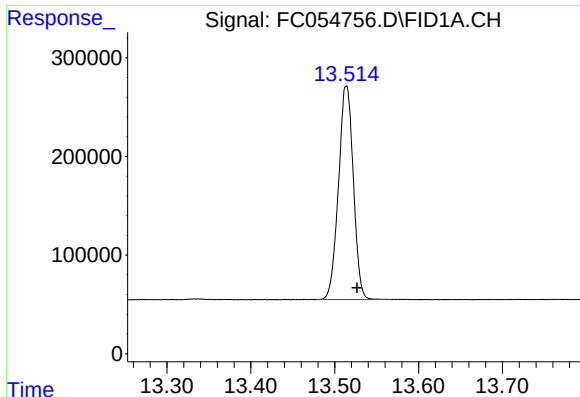
#11 n-Heneicosane (C21)

R.T.: 12.929 min
Delta R.T.: -0.012 min
Response: 2719314
Conc: 20.48 ug/ml



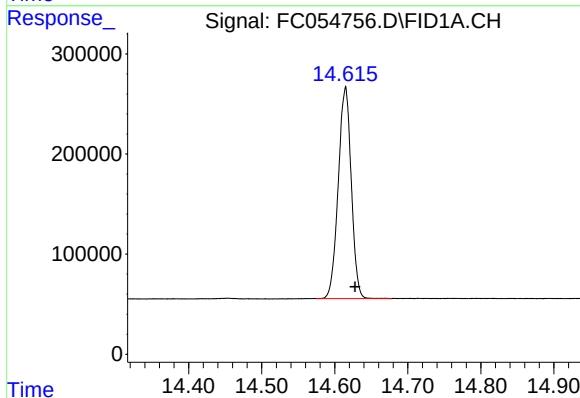
#12 1-chlorooctadecane (SURR)

R.T.: 12.760 min
Delta R.T.: -0.013 min
Response: 2269298
Conc: 20.36 ug/ml



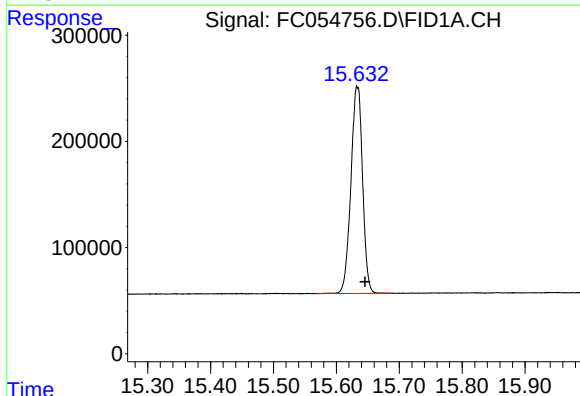
#13 n-Docosane (C22)

R.T.: 13.514 min
Delta R.T.: -0.013 min
Response: 2666930
Conc: 20.13 ug/ml



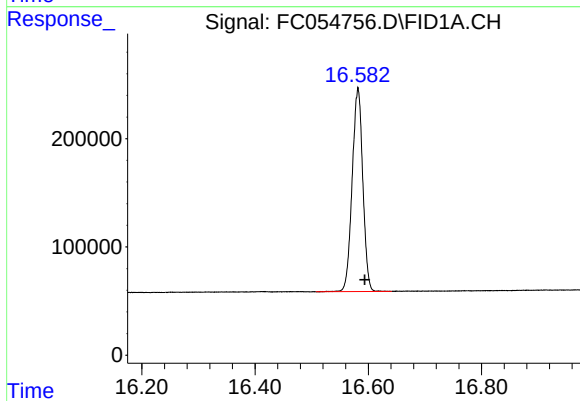
#14 n-Tetracosane (C24)

R.T.: 14.614 min
Delta R.T.: -0.013 min
Response: 2614744
Conc: 19.32 ug/ml



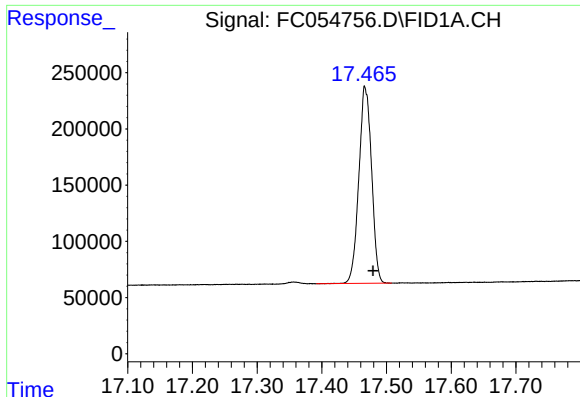
#15 n-Hexacosane (C26)

R.T.: 15.633 min
Delta R.T.: -0.012 min
Response: 2518098
Conc: 18.58 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.582 min
Delta R.T.: -0.012 min
Response: 2446178
Conc: 17.82 ug/ml



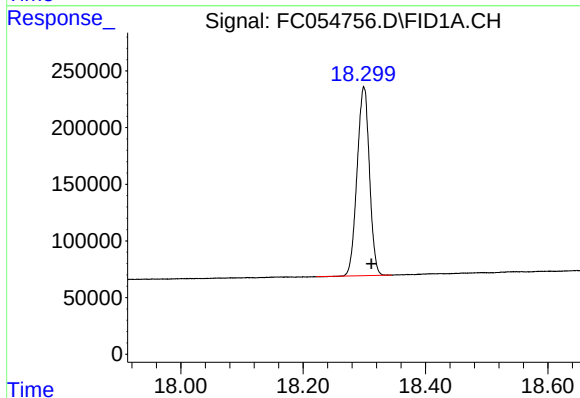
#17 n-Tricontane (C30)

R.T.: 17.467 min

Delta R.T.: -0.012 min

Response: 2392000

Conc: 17.27 ug/ml



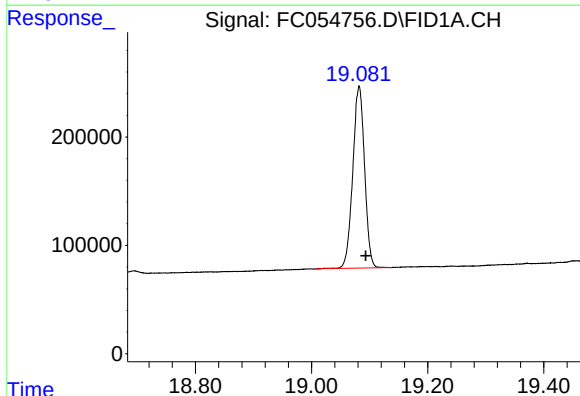
#18 n-Dotriacontane (C32)

R.T.: 18.299 min

Delta R.T.: -0.012 min

Response: 2338171

Conc: 17.09 ug/ml



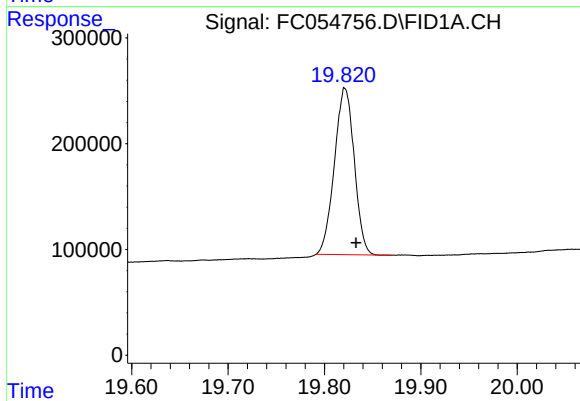
#19 n-Tetratriacontane (C34)

R.T.: 19.082 min

Delta R.T.: -0.012 min

Response: 2363382

Conc: 17.49 ug/ml



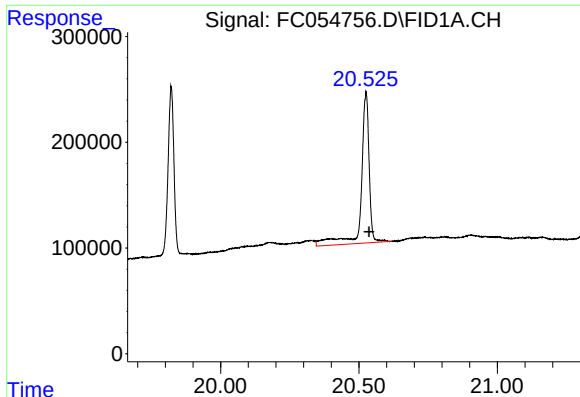
#20 n-Hexatriacontane (C36)

R.T.: 19.821 min

Delta R.T.: -0.011 min

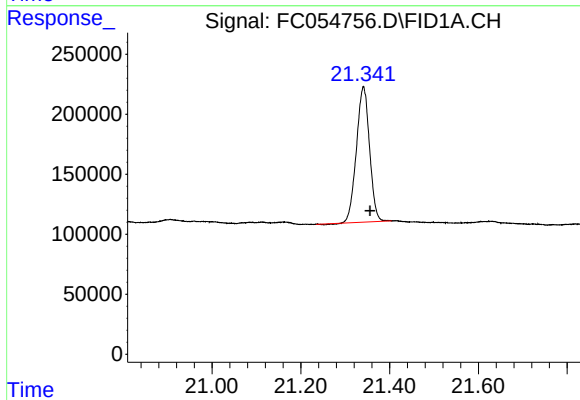
Response: 2248205

Conc: 18.21 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.525 min
Delta R.T.: -0.012 min
Response: 2871428
Conc: 25.38 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.341 min
Delta R.T.: -0.015 min
Response: 2313822
Conc: 20.47 ug/ml