

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC100621AL\
 Data File : FC056020.D
 Signal(s) : FID1A.CH
 Acq On : 06 Oct 2021 13:28
 Operator : AJ\MA
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: sample.E
 Quant Time: Oct 07 01:25:39 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 092921.M
 Quant Title : GC Extractables
 QLast Update : Thu Sep 30 01:25:44 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)	11.647	2203487	18.570 ug/ml
Spiked Amount 50.000		Recovery =	37.14%
12) S 1-chlorooctadecane (S...	13.078	1707208	18.582 ug/ml
Spiked Amount 50.000		Recovery =	37.16%
Target Compounds			
1) T n-Nonane (C9)	3.394	2270494	21.277 ug/ml
2) T n-Decane (C10)	4.463	2273365	21.267 ug/ml
3) T A~Naphthalene (C11.7)	6.058	2478215	20.597 ug/ml
4) T n-Dodecane (C12)	6.484	2259659	20.819 ug/ml
5) T A~2-methylnaphthalene...	7.116	2442708	20.109 ug/mlm
6) T n-Tetradecane (C14)	8.281	2222406	20.088 ug/ml
7) T n-Hexadecane (C16)	9.882	2160115	19.515 ug/ml
8) T n-Octadecane (C18)	11.324	2144454	19.160 ug/ml
10) T n-Eicosane (C20)	12.632	2055429	18.818 ug/ml
11) T n-Heneicosane (C21)	13.244	2042334	18.785 ug/ml
13) T n-Docosane (C22)	13.829	1996629	18.695 ug/ml
14) T n-Tetracosane (C24)	14.931	1968415	18.824 ug/ml
15) T n-Hexacosane (C26)	15.950	1924510	19.154 ug/ml
16) T n-Octacosane (C28)	16.897	1918086	19.829 ug/ml
17) T n-Tricontane (C30)	17.782	1932660	20.829 ug/ml
18) T n-Dotriacontane (C32)	18.613	1911685	21.502 ug/ml
19) T n-Tetratriacontane (C34)	19.394	1897647	21.941 ug/ml
20) T n-Hexatriacontane (C36)	20.132	1829064	22.387 ug/ml
21) T n-Octatriacontane (C38)	20.874	1772216	22.240 ug/ml
22) T n-Tetracontane (C40)	21.800	1748144	21.808 ug/ml

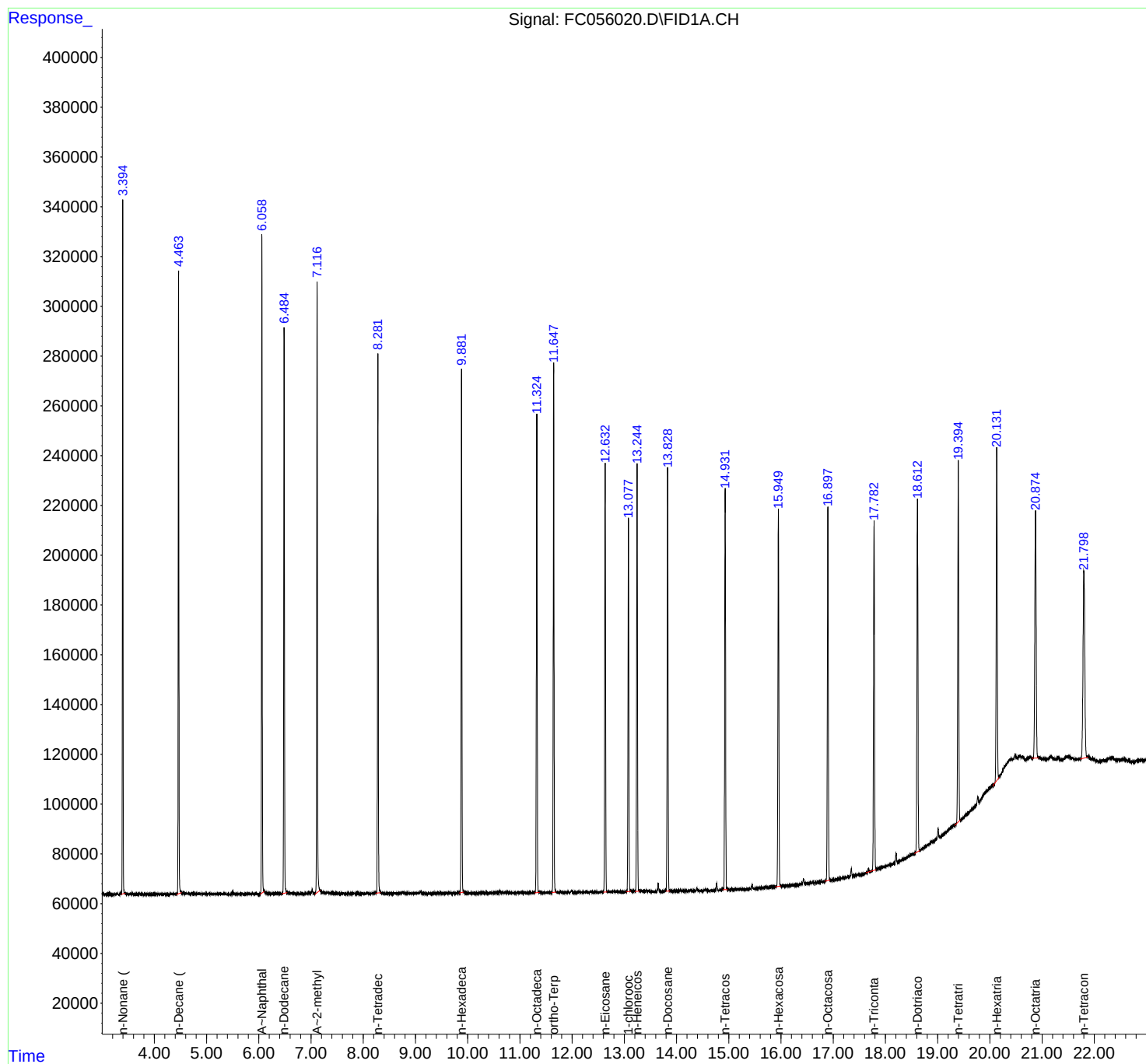
(f)=RT Delta > 1/2 Window

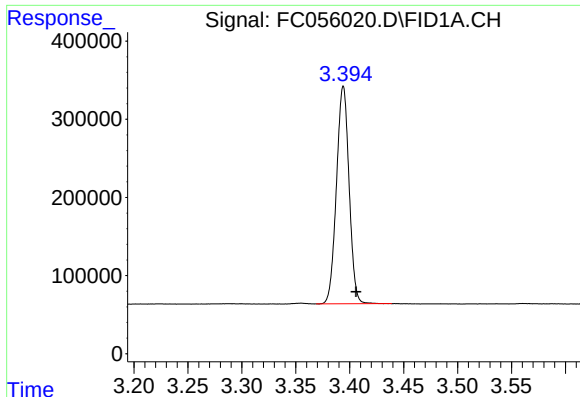
(m)=manual int.

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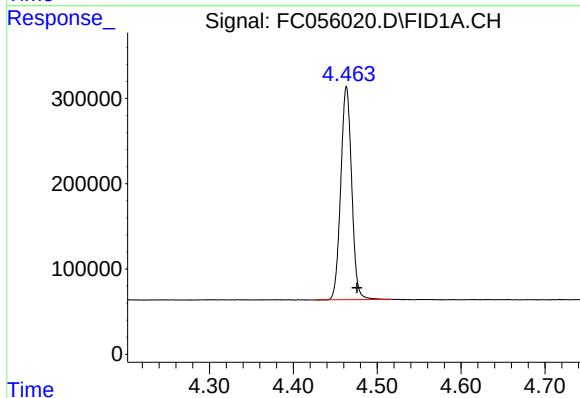
Volume Inj. : 1 ul
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Signal Info : 20M x 0.18mm x 0.18um





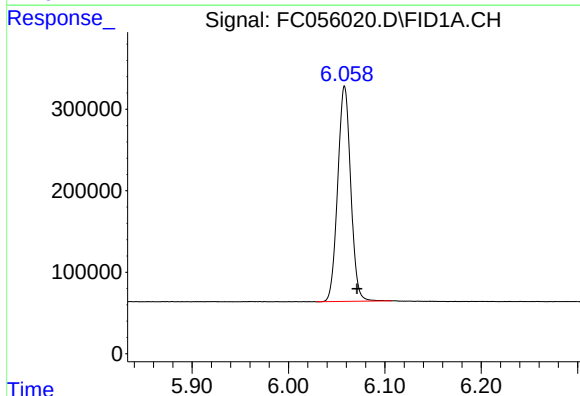
#1 n-Nonane (C9)

R.T.: 3.394 min
Delta R.T.: -0.012 min
Response: 2270494
Conc: 21.28 ug/ml



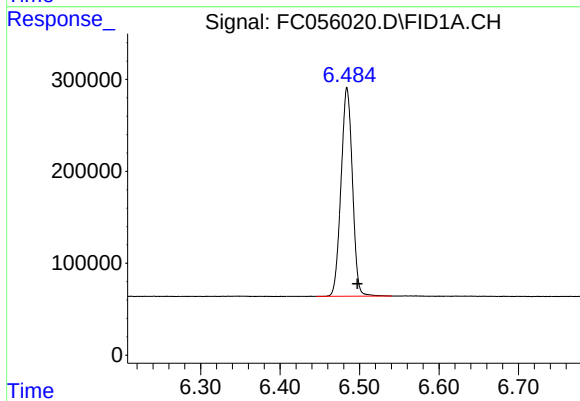
#2 n-Decane (C10)

R.T.: 4.463 min
Delta R.T.: -0.013 min
Response: 2273365
Conc: 21.27 ug/ml



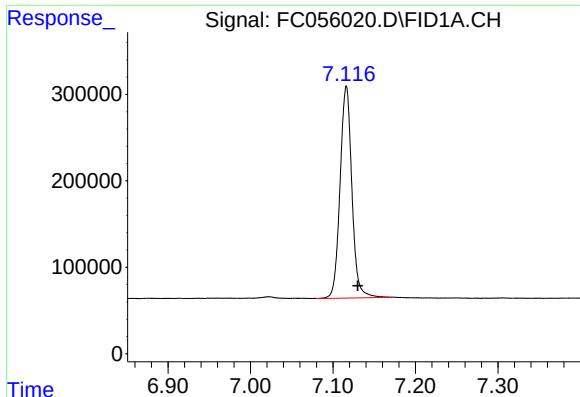
#3 A~Naphthalene (C11.7)

R.T.: 6.058 min
Delta R.T.: -0.013 min
Response: 2478215
Conc: 20.60 ug/ml



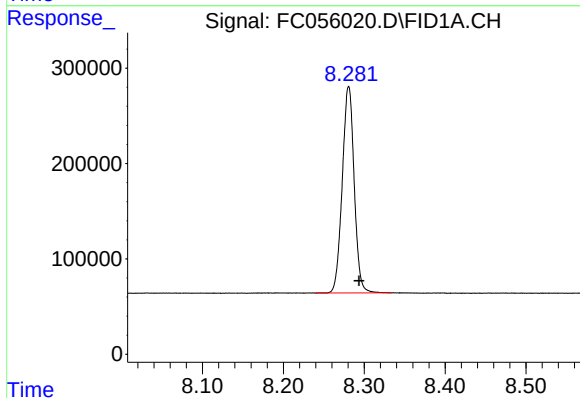
#4 n-Dodecane (C12)

R.T.: 6.484 min
Delta R.T.: -0.013 min
Response: 2259659
Conc: 20.82 ug/ml



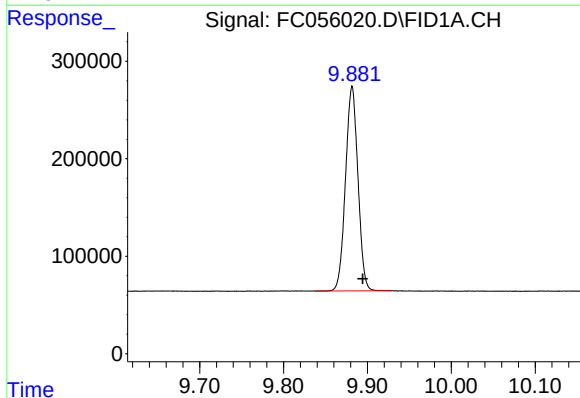
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.116 min
Delta R.T.: -0.014 min
Response: 2442708
Conc: 20.11 ug/ml m



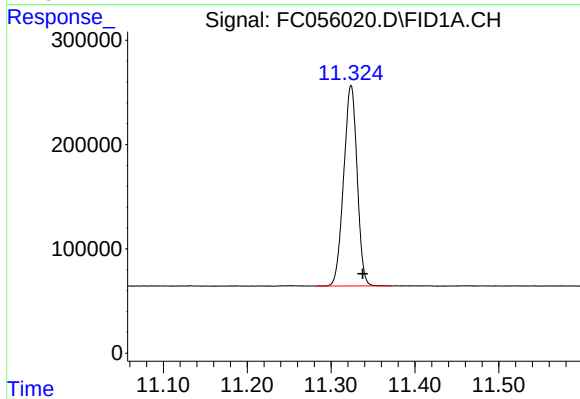
#6 n-Tetradecane (C14)

R.T.: 8.281 min
Delta R.T.: -0.013 min
Response: 2222406
Conc: 20.09 ug/ml



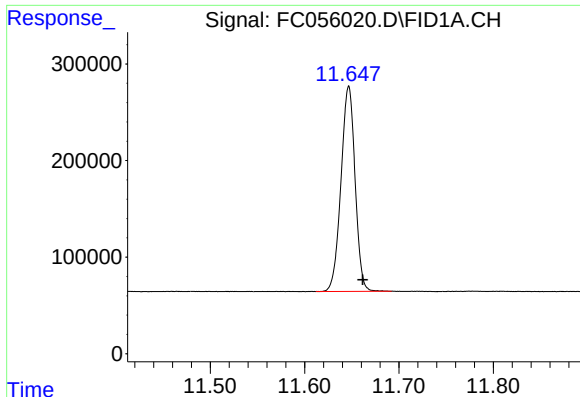
#7 n-Hexadecane (C16)

R.T.: 9.882 min
Delta R.T.: -0.013 min
Response: 2160115
Conc: 19.51 ug/ml



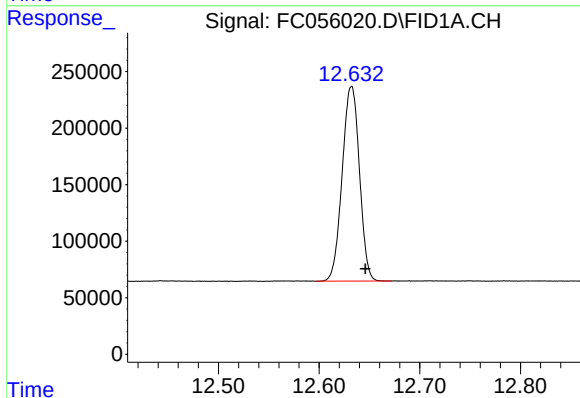
#8 n-Octadecane (C18)

R.T.: 11.324 min
Delta R.T.: -0.014 min
Response: 2144454
Conc: 19.16 ug/ml



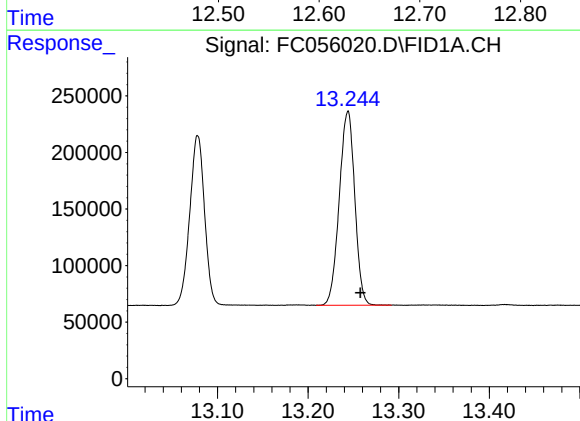
#9 ortho-Terphenyl (SURR)

R.T.: 11.647 min
Delta R.T.: -0.015 min
Response: 2203487
Conc: 18.57 ug/ml



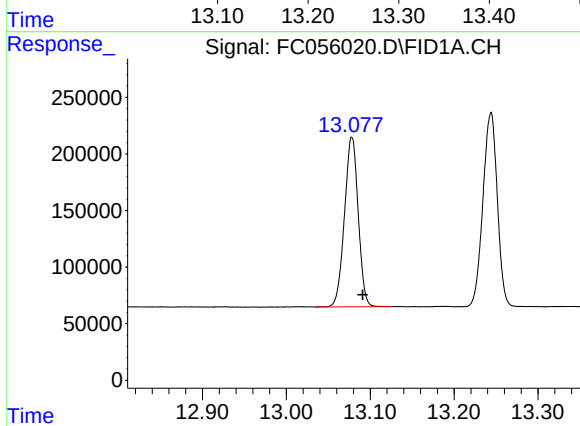
#10 n-Eicosane (C20)

R.T.: 12.632 min
Delta R.T.: -0.014 min
Response: 2055429
Conc: 18.82 ug/ml



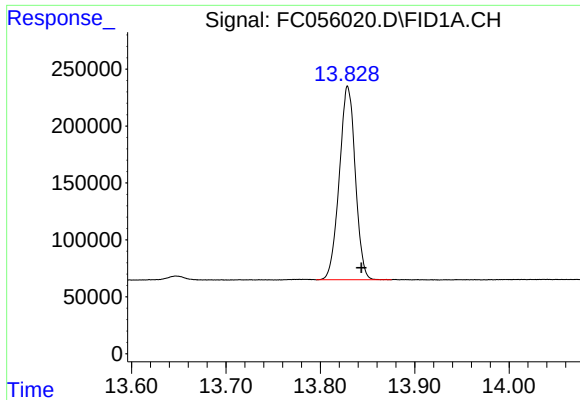
#11 n-Heneicosane (C21)

R.T.: 13.244 min
Delta R.T.: -0.014 min
Response: 2042334
Conc: 18.78 ug/ml



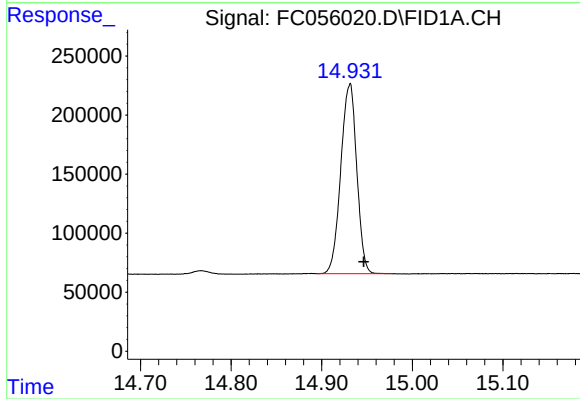
#12 1-chlorooctadecane (SURR)

R.T.: 13.078 min
Delta R.T.: -0.013 min
Response: 1707208
Conc: 18.58 ug/ml



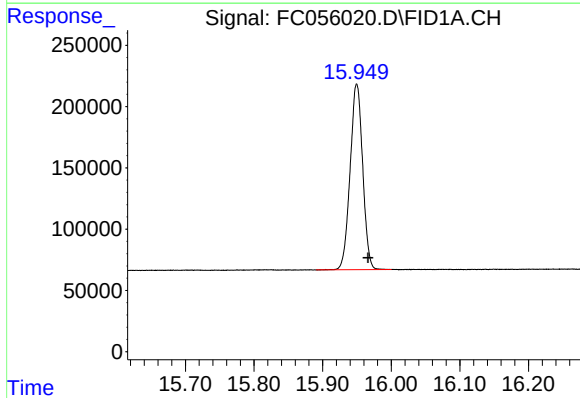
#13 n-Docosane (C22)

R.T.: 13.829 min
Delta R.T.: -0.014 min
Response: 1996629
Conc: 18.70 ug/ml



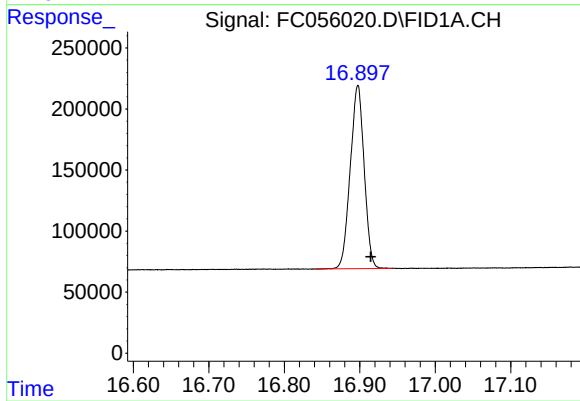
#14 n-Tetracosane (C24)

R.T.: 14.931 min
Delta R.T.: -0.016 min
Response: 1968415
Conc: 18.82 ug/ml



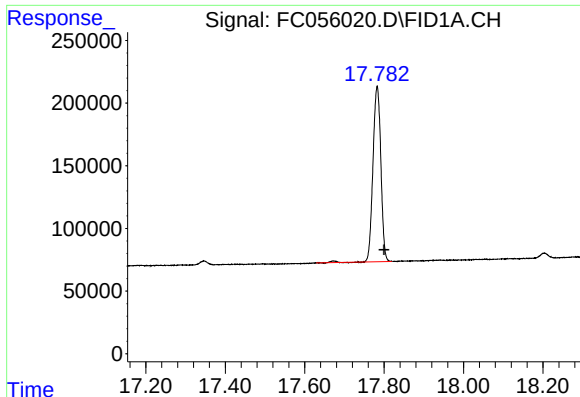
#15 n-Hexacosane (C26)

R.T.: 15.950 min
Delta R.T.: -0.016 min
Response: 1924510
Conc: 19.15 ug/ml



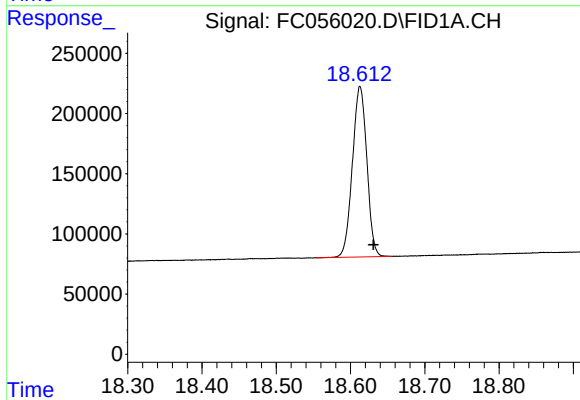
#16 n-Octacosane (C28)

R.T.: 16.897 min
Delta R.T.: -0.017 min
Response: 1918086
Conc: 19.83 ug/ml



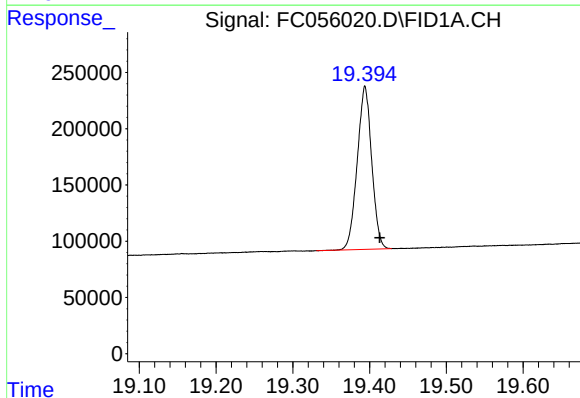
#17 n-Tricontane (C30)

R.T.: 17.782 min
Delta R.T.: -0.018 min
Response: 1932660
Conc: 20.83 ug/ml



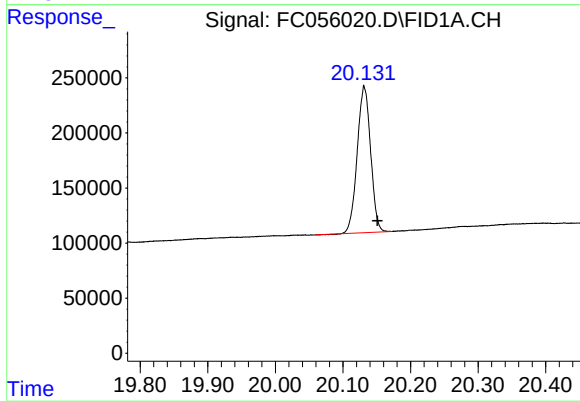
#18 n-Dotriacontane (C32)

R.T.: 18.613 min
Delta R.T.: -0.018 min
Response: 1911685
Conc: 21.50 ug/ml



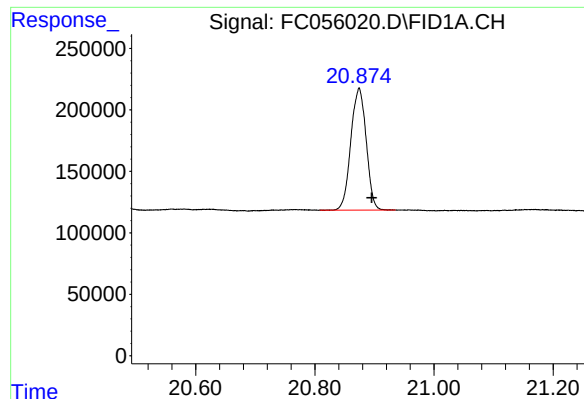
#19 n-Tetratriacontane (C34)

R.T.: 19.394 min
Delta R.T.: -0.019 min
Response: 1897647
Conc: 21.94 ug/ml



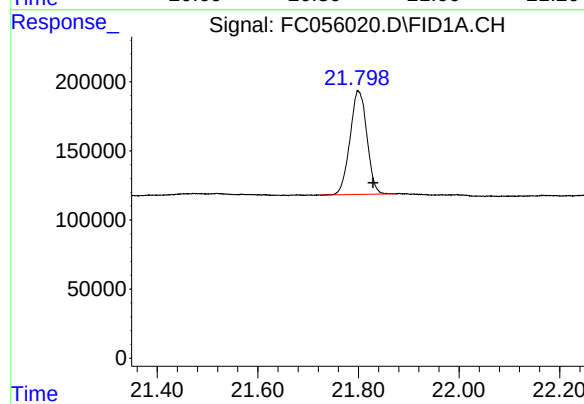
#20 n-Hexatriacontane (C36)

R.T.: 20.132 min
Delta R.T.: -0.019 min
Response: 1829064
Conc: 22.39 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.874 min
Delta R.T.: -0.021 min
Response: 1772216
Conc: 22.24 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.800 min
Delta R.T.: -0.029 min
Response: 1748144
Conc: 21.81 ug/ml