

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC011221AL\
 Data File : FC051727.D
 Signal(s) : FID1A.CH
 Acq On : 13 Jan 2021 13:53
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Jan 13 14:17:34 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 011121.M
 Quant Title : GC Extractables
 QLast Update : Tue Jan 12 00:58:51 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)	11.681	2474129	19.860 ug/ml
Spiked Amount 50.000		Recovery =	39.72%
12) S 1-chlorooctadecane (S...	13.116	1927370	19.456 ug/ml
Spiked Amount 50.000		Recovery =	38.91%
Target Compounds			
1) T n-Nonane (C9)	3.412	2349344	21.044 ug/ml
2) T n-Decane (C10)	4.485	2360863	21.052 ug/ml
3) T A~Naphthalene (C11.7)	6.080	2668632	21.241 ug/ml
4) T n-Dodecane (C12)	6.511	2391912	21.207 ug/ml
5) T A~2-methylnaphthalene...	7.140	2700568	21.134 ug/ml
6) T n-Tetradecane (C14)	8.310	2365996	21.140 ug/ml
7) T n-Hexadecane (C16)	9.914	2303612	20.854 ug/ml
8) T n-Octadecane (C18)	11.359	2347184	20.450 ug/ml
10) T n-Eicosane (C20)	12.670	2296201	19.815 ug/ml
11) T n-Heneicosane (C21)	13.283	2263125	19.541 ug/ml
13) T n-Docosane (C22)	13.870	2219954	19.253 ug/ml
14) T n-Tetracosane (C24)	14.975	2139846	18.615 ug/ml
15) T n-Hexacosane (C26)	15.997	2040610	18.128 ug/ml
16) T n-Octacosane (C28)	16.947	1967905	17.794 ug/ml
17) T n-Tricontane (C30)	17.836	1897391	17.950 ug/ml
18) T n-Dotriacontane (C32)	18.669	1771869	18.659 ug/ml
19) T n-Tetratriacontane (C34)	19.454	1654290	19.302 ug/ml
20) T n-Hexatriacontane (C36)	20.194	167514	2.166 ug/ml
21) T n-Octatriacontane (C38)	20.950	1836411	25.160 ug/ml
22) T n-Tetracontane (C40)	21.898	1880632	25.242 ug/ml

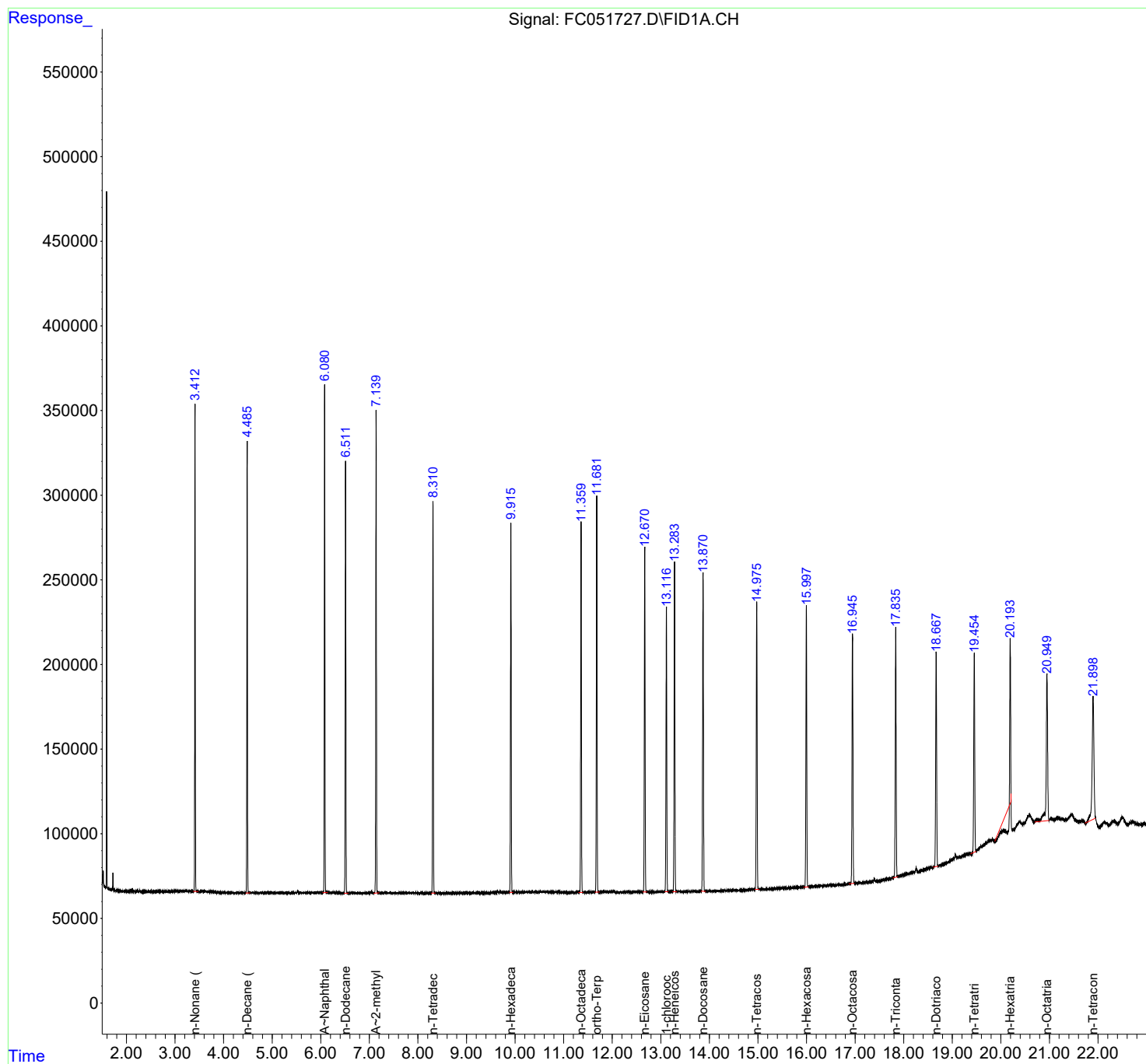
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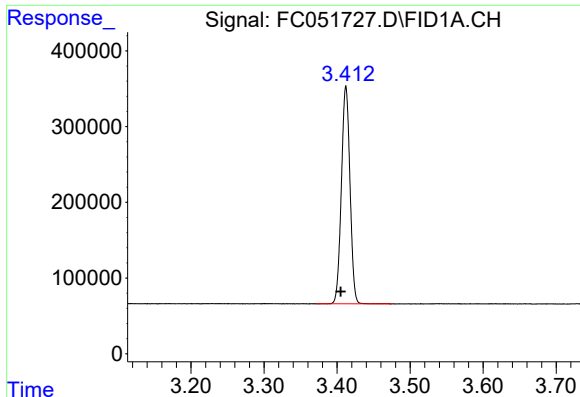
(m)=manual int.

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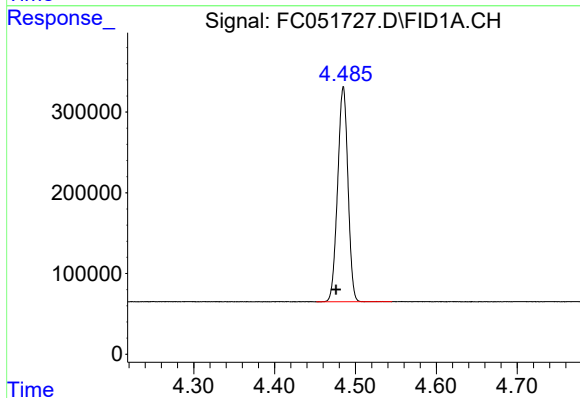
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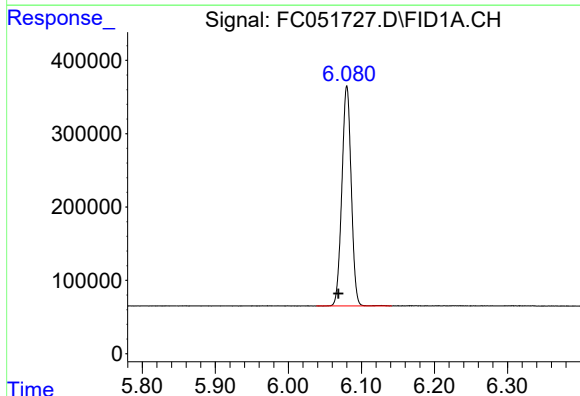
#1 n-Nonane (C9)

R.T.: 3.412 min
Delta R.T.: 0.007 min
Response: 2349344
Conc: 21.04 ug/ml



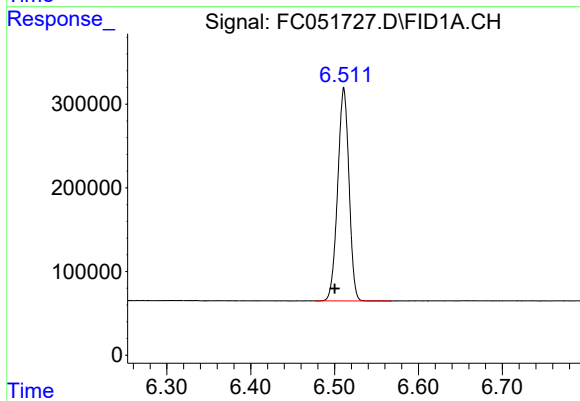
#2 n-Decane (C10)

R.T.: 4.485 min
Delta R.T.: 0.009 min
Response: 2360863
Conc: 21.05 ug/ml



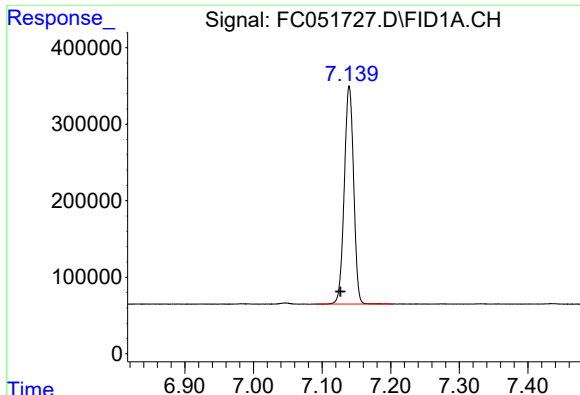
#3 A~Naphthalene (C11.7)

R.T.: 6.080 min
Delta R.T.: 0.012 min
Response: 2668632
Conc: 21.24 ug/ml



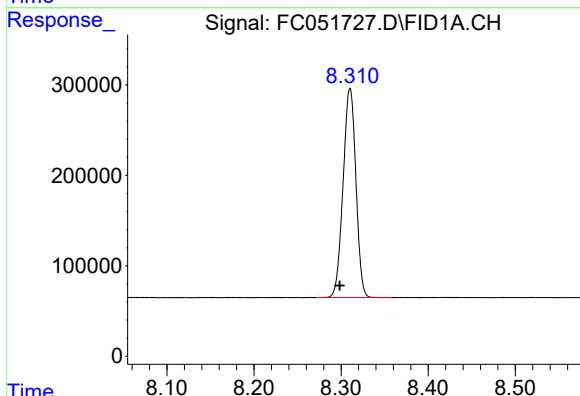
#4 n-Dodecane (C12)

R.T.: 6.511 min
Delta R.T.: 0.011 min
Response: 2391912
Conc: 21.21 ug/ml



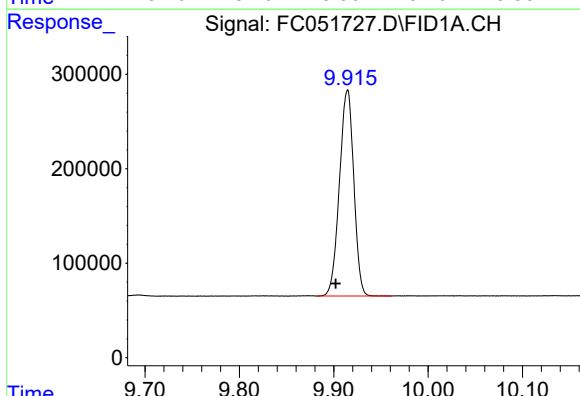
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.140 min
Delta R.T.: 0.013 min
Response: 2700568
Conc: 21.13 ug/ml



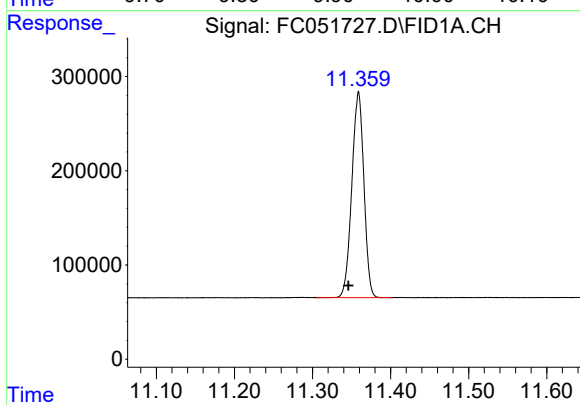
#6 n-Tetradecane (C14)

R.T.: 8.310 min
Delta R.T.: 0.012 min
Response: 2365996
Conc: 21.14 ug/ml



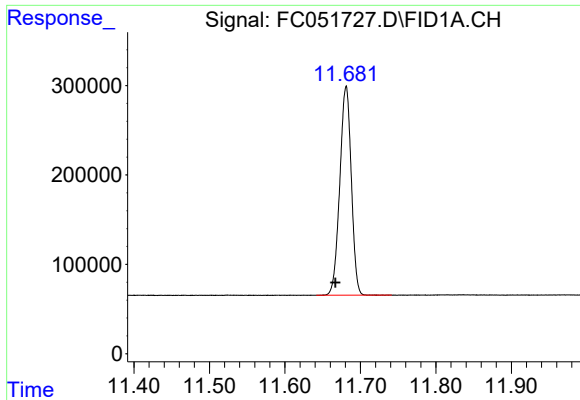
#7 n-Hexadecane (C16)

R.T.: 9.914 min
Delta R.T.: 0.012 min
Response: 2303612
Conc: 20.85 ug/ml



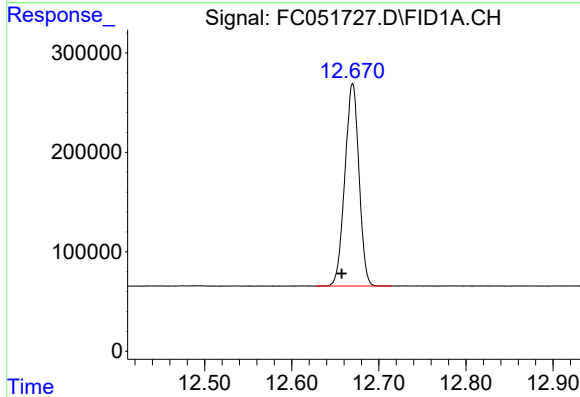
#8 n-Octadecane (C18)

R.T.: 11.359 min
Delta R.T.: 0.013 min
Response: 2347184
Conc: 20.45 ug/ml



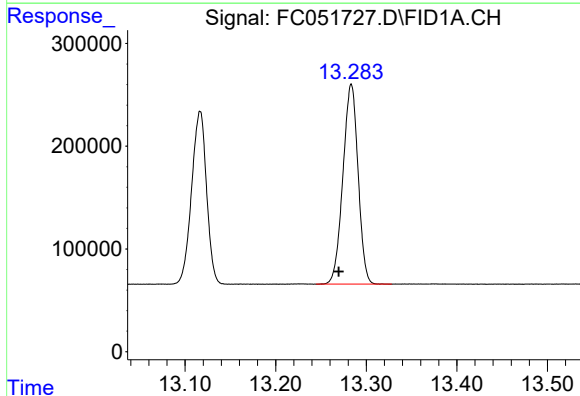
#9 ortho-Terphenyl (SURR)

R.T.: 11.681 min
Delta R.T.: 0.014 min
Response: 2474129
Conc: 19.86 ug/ml



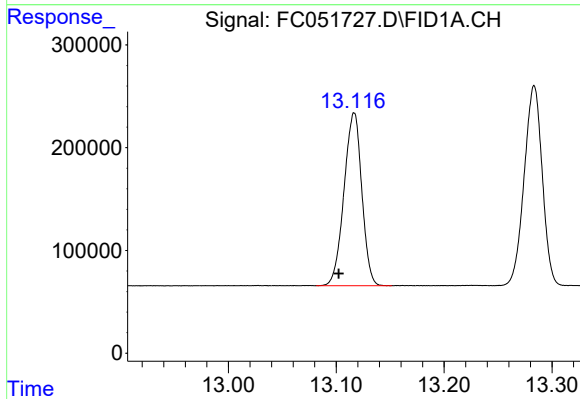
#10 n-Eicosane (C20)

R.T.: 12.670 min
Delta R.T.: 0.012 min
Response: 2296201
Conc: 19.82 ug/ml



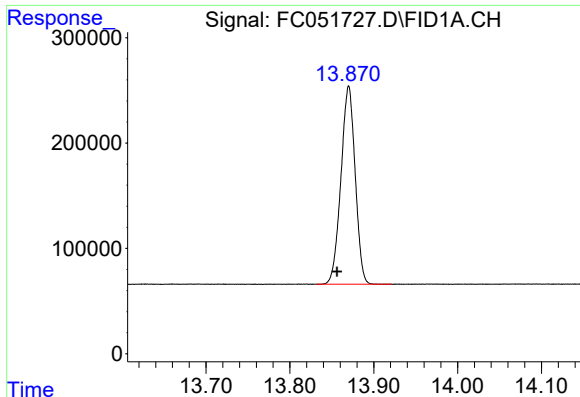
#11 n-Heneicosane (C21)

R.T.: 13.283 min
Delta R.T.: 0.014 min
Response: 2263125
Conc: 19.54 ug/ml



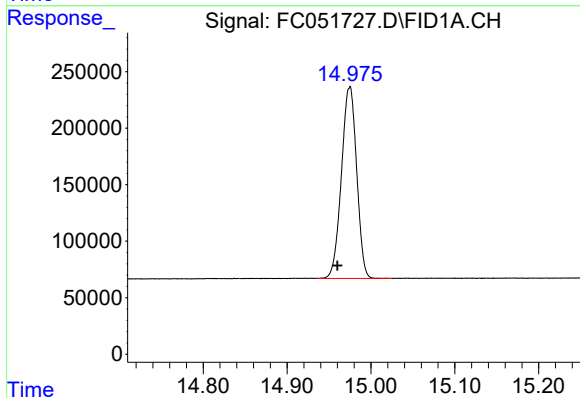
#12 1-chlorooctadecane (SURR)

R.T.: 13.116 min
Delta R.T.: 0.014 min
Response: 1927370
Conc: 19.46 ug/ml



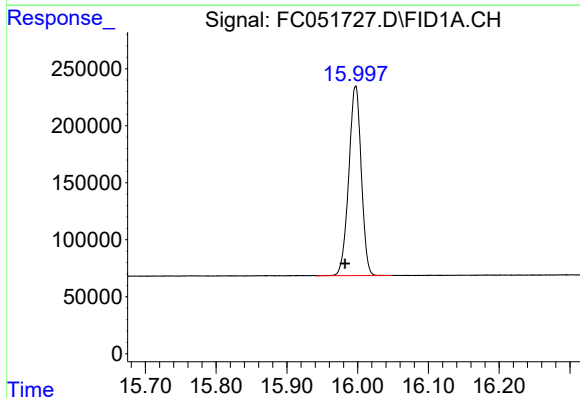
#13 n-Docosane (C22)

R.T.: 13.870 min
Delta R.T.: 0.014 min
Response: 2219954
Conc: 19.25 ug/ml



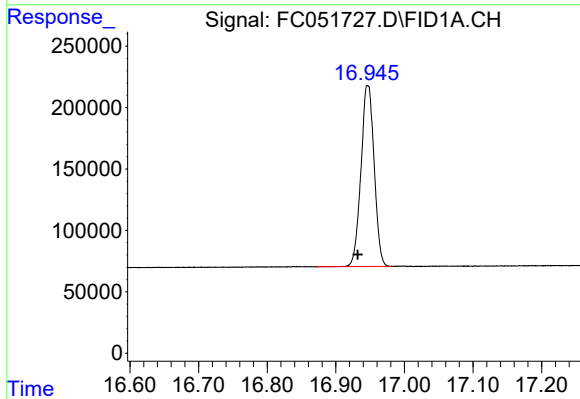
#14 n-Tetracosane (C24)

R.T.: 14.975 min
Delta R.T.: 0.014 min
Response: 2139846
Conc: 18.62 ug/ml



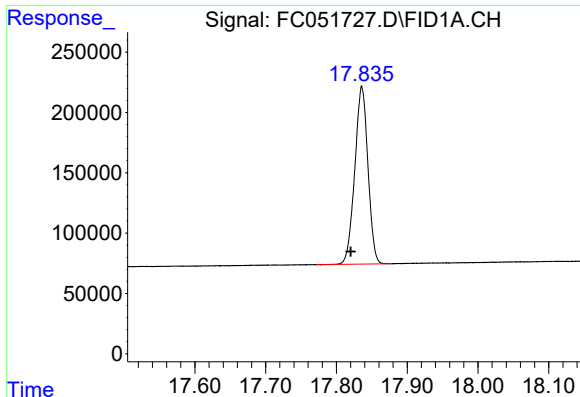
#15 n-Hexacosane (C26)

R.T.: 15.997 min
Delta R.T.: 0.015 min
Response: 2040610
Conc: 18.13 ug/ml



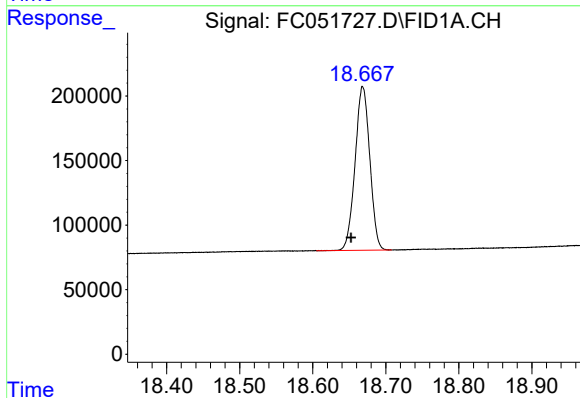
#16 n-Octacosane (C28)

R.T.: 16.947 min
Delta R.T.: 0.015 min
Response: 1967905
Conc: 17.79 ug/ml



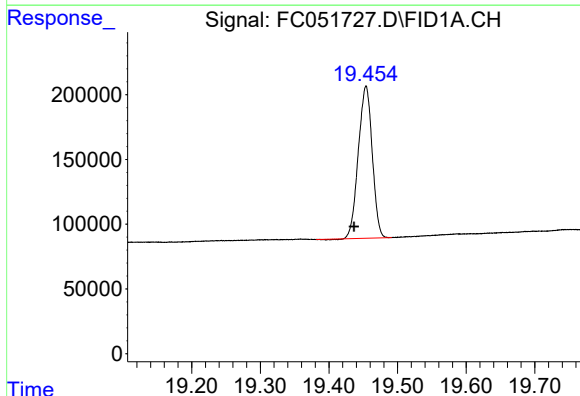
#17 n-Tricontane (C30)

R.T.: 17.836 min
Delta R.T.: 0.016 min
Response: 1897391
Conc: 17.95 ug/ml



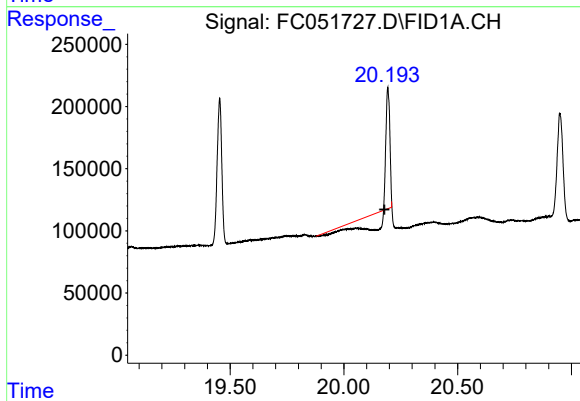
#18 n-Dotriacontane (C32)

R.T.: 18.669 min
Delta R.T.: 0.016 min
Response: 1771869
Conc: 18.66 ug/ml



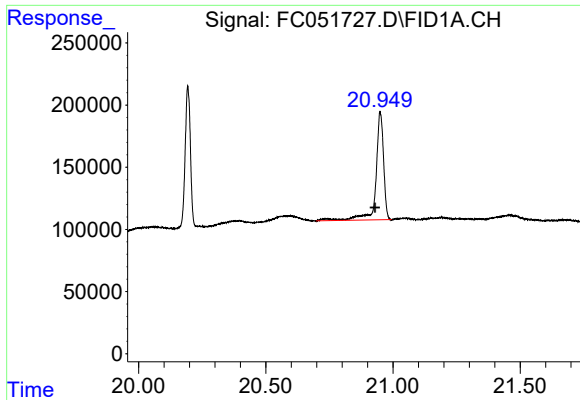
#19 n-Tetratriacontane (C34)

R.T.: 19.454 min
Delta R.T.: 0.017 min
Response: 1654290
Conc: 19.30 ug/ml



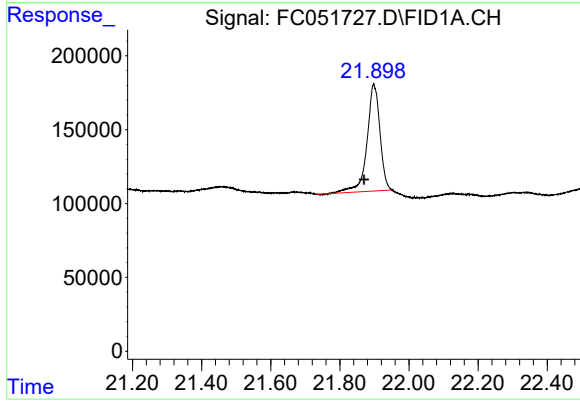
#20 n-Hexatriacontane (C36)

R.T.: 20.194 min
Delta R.T.: 0.016 min
Response: 167514
Conc: 2.17 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.950 min
Delta R.T.: 0.019 min
Response: 1836411
Conc: 25.16 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.898 min
Delta R.T.: 0.029 min
Response: 1880632
Conc: 25.24 ug/ml