

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC100521AL\
 Data File : FC056013.D
 Signal(s) : FID1A.CH
 Acq On : 06 Oct 2021 8:11
 Operator : AJ\MA
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Oct 06 08:34:37 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)	11.649	2171513	18.300 ug/ml
Spiked Amount 50.000		Recovery =	36.60%
12) S 1-chlorooctadecane (S...	13.080	1676238	18.245 ug/ml
Spiked Amount 50.000		Recovery =	36.49%
Target Compounds			
1) T n-Nonane (C9)	3.393	2251629	21.100 ug/ml
2) T n-Decane (C10)	4.463	2254395	21.090 ug/ml
3) T A~Naphthalene (C11.7)	6.060	2443704	20.310 ug/ml
4) T n-Dodecane (C12)	6.486	2225289	20.502 ug/ml
5) T A~2-methylnaphthalene...	7.118	2387492	19.654 ug/ml
6) T n-Tetradecane (C14)	8.282	2182247	19.725 ug/ml
7) T n-Hexadecane (C16)	9.883	2123720	19.186 ug/ml
8) T n-Octadecane (C18)	11.325	2102106	18.782 ug/ml
10) T n-Eicosane (C20)	12.634	2014955	18.447 ug/ml
11) T n-Heneicosane (C21)	13.245	2002175	18.415 ug/ml
13) T n-Docosane (C22)	13.832	1963536	18.385 ug/ml
14) T n-Tetracosane (C24)	14.933	1942298	18.574 ug/ml
15) T n-Hexacosane (C26)	15.952	1901891	18.929 ug/ml
16) T n-Octacosane (C28)	16.901	1905880	19.703 ug/ml
17) T n-Tricontane (C30)	17.787	1928826	20.788 ug/ml
18) T n-Dotriacontane (C32)	18.616	1912441	21.511 ug/ml
19) T n-Tetratriacontane (C34)	19.398	1889450	21.846 ug/ml
20) T n-Hexatriacontane (C36)	20.135	2157294	26.404 ug/ml
21) T n-Octatriacontane (C38)	20.878	1935286	24.286 ug/ml
22) T n-Tetracontane (C40)	21.805	1873018	23.366 ug/ml

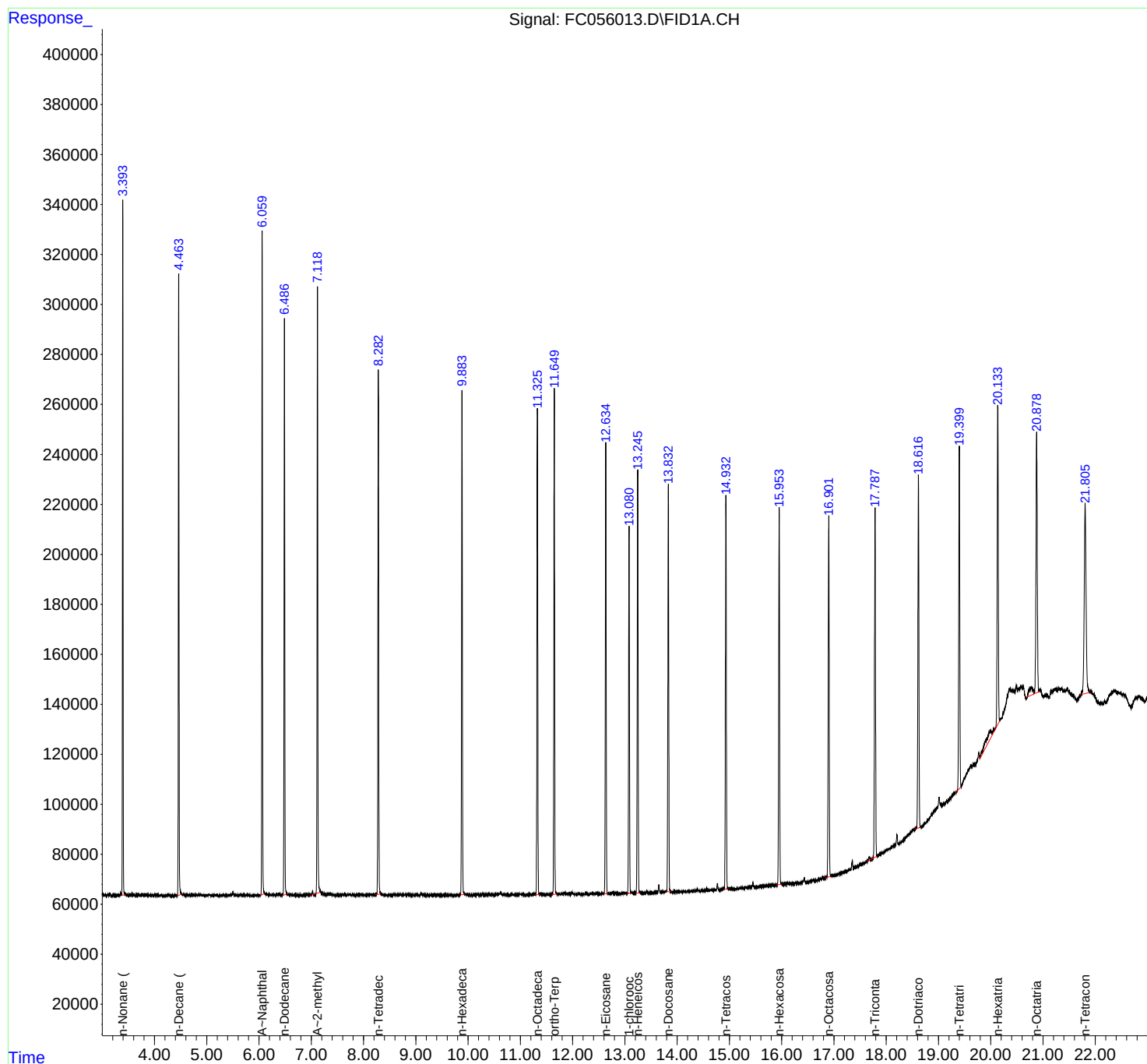
(f)=RT Delta > 1/2 Window

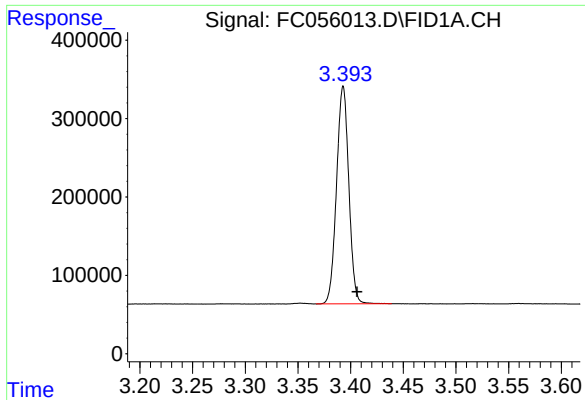
(m)=manual int.

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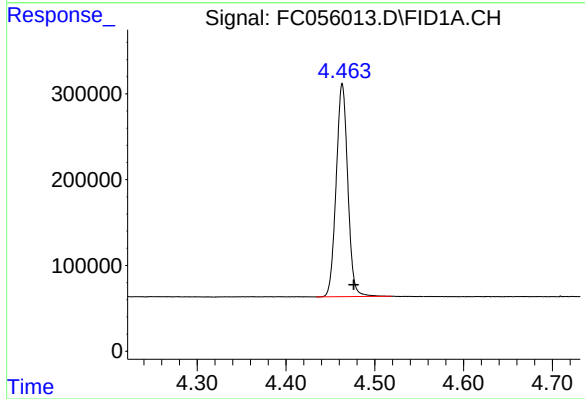
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Signal Info : 20M x 0.18mm x 0.18um





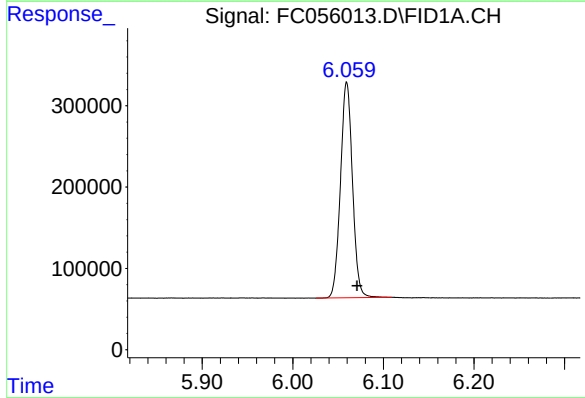
#1 n-Nonane (C9)

R.T.: 3.393 min
Delta R.T.: -0.013 min
Response: 2251629
Conc: 21.10 ug/ml



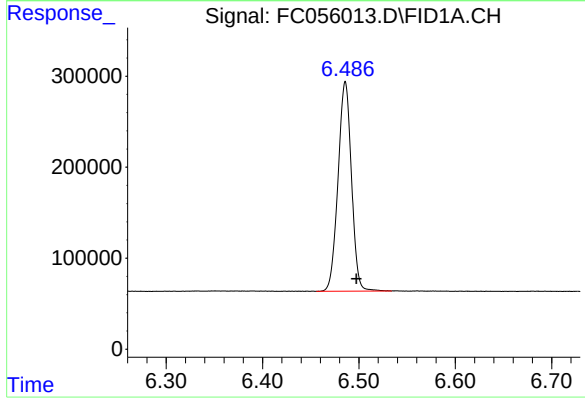
#2 n-Decane (C10)

R.T.: 4.463 min
Delta R.T.: -0.013 min
Response: 2254395
Conc: 21.09 ug/ml



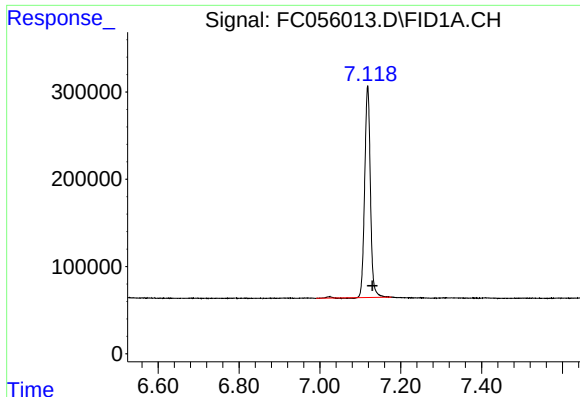
#3 A~Naphthalene (C11.7)

R.T.: 6.060 min
Delta R.T.: -0.011 min
Response: 2443704
Conc: 20.31 ug/ml



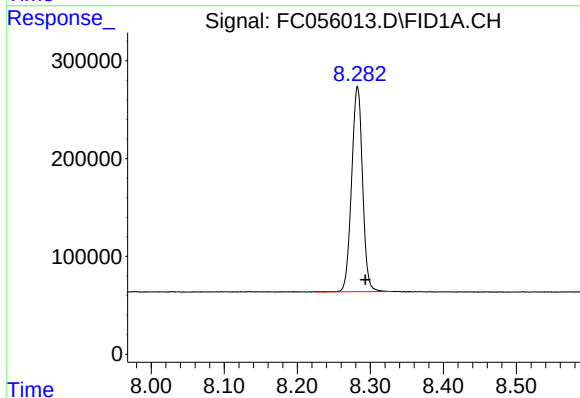
#4 n-Dodecane (C12)

R.T.: 6.486 min
Delta R.T.: -0.011 min
Response: 2225289
Conc: 20.50 ug/ml



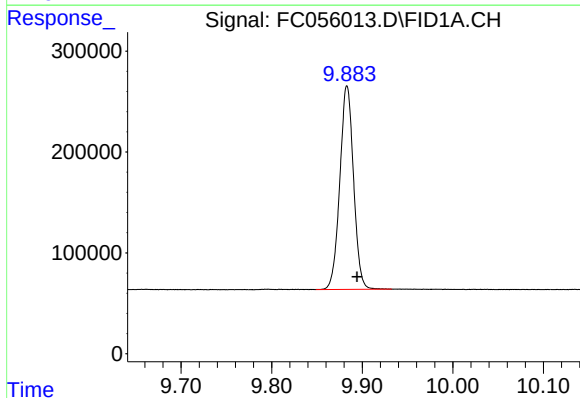
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.118 min
Delta R.T.: -0.012 min
Response: 2387492
Conc: 19.65 ug/ml



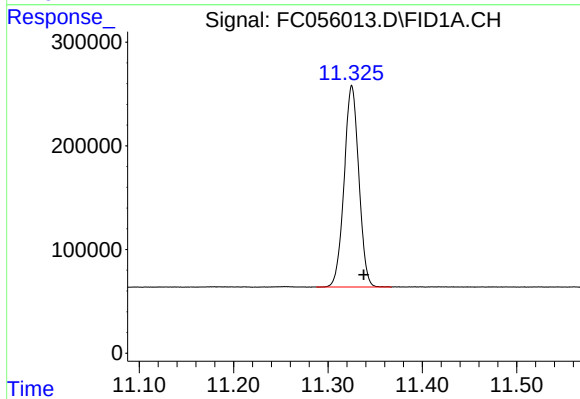
#6 n-Tetradecane (C14)

R.T.: 8.282 min
Delta R.T.: -0.011 min
Response: 2182247
Conc: 19.72 ug/ml



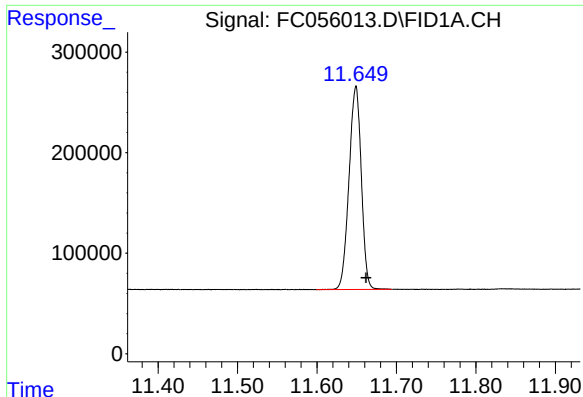
#7 n-Hexadecane (C16)

R.T.: 9.883 min
Delta R.T.: -0.011 min
Response: 2123720
Conc: 19.19 ug/ml



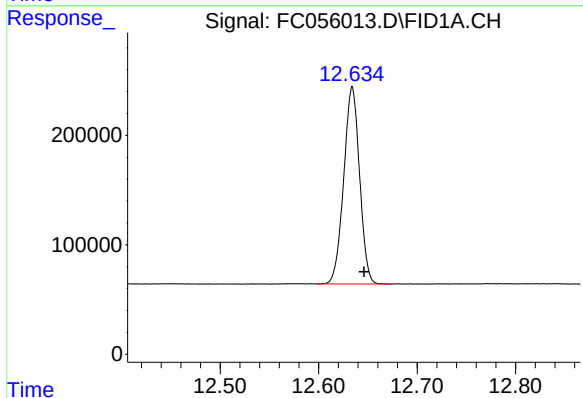
#8 n-Octadecane (C18)

R.T.: 11.325 min
Delta R.T.: -0.012 min
Response: 2102106
Conc: 18.78 ug/ml



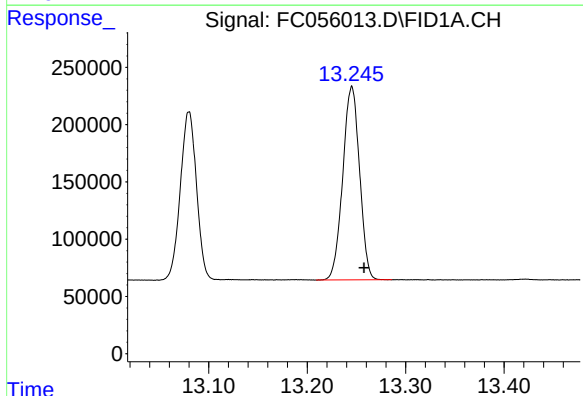
#9 ortho-Terphenyl (SURR)

R.T.: 11.649 min
Delta R.T.: -0.013 min
Response: 2171513
Conc: 18.30 ug/ml



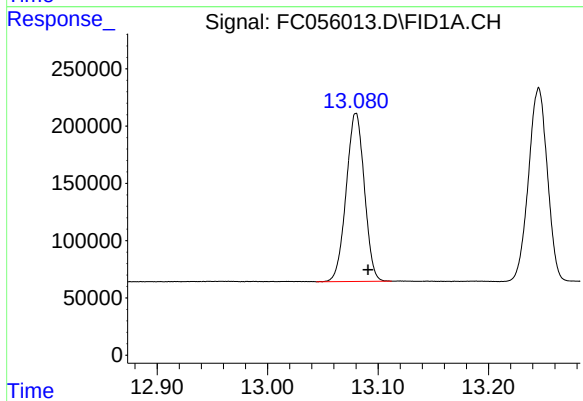
#10 n-Eicosane (C20)

R.T.: 12.634 min
Delta R.T.: -0.012 min
Response: 2014955
Conc: 18.45 ug/ml



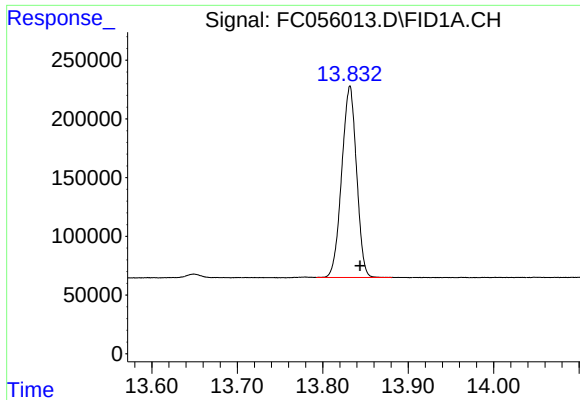
#11 n-Heneicosane (C21)

R.T.: 13.245 min
Delta R.T.: -0.013 min
Response: 2002175
Conc: 18.42 ug/ml



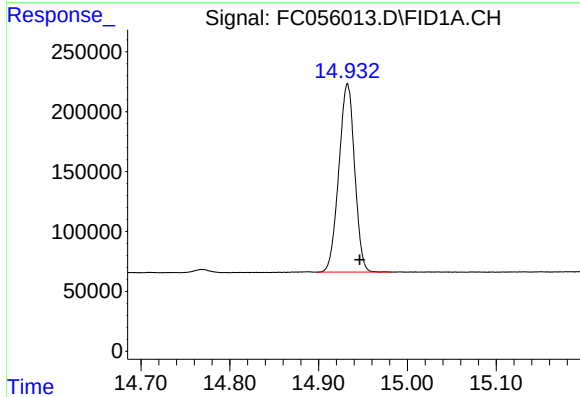
#12 1-chlorooctadecane (SURR)

R.T.: 13.080 min
Delta R.T.: -0.011 min
Response: 1676238
Conc: 18.25 ug/ml



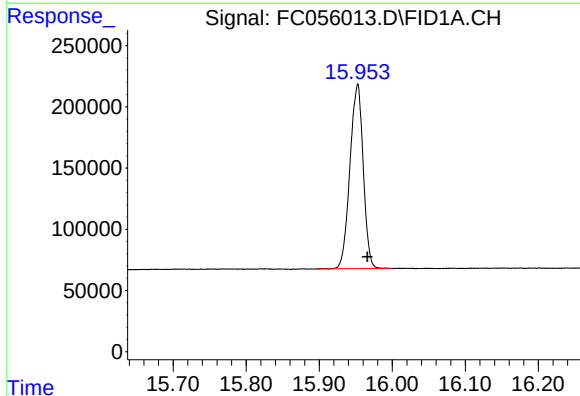
#13 n-Docosane (C22)

R.T.: 13.832 min
Delta R.T.: -0.012 min
Response: 1963536
Conc: 18.39 ug/ml



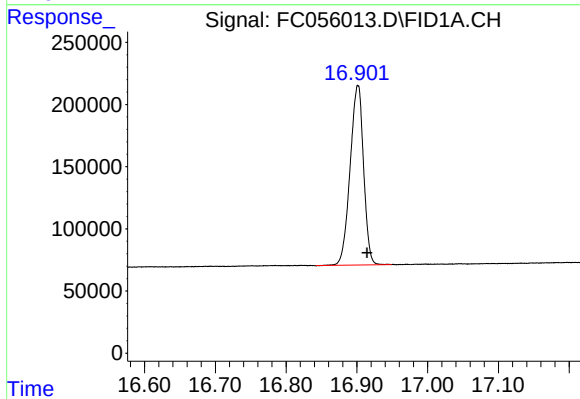
#14 n-Tetracosane (C24)

R.T.: 14.933 min
Delta R.T.: -0.014 min
Response: 1942298
Conc: 18.57 ug/ml



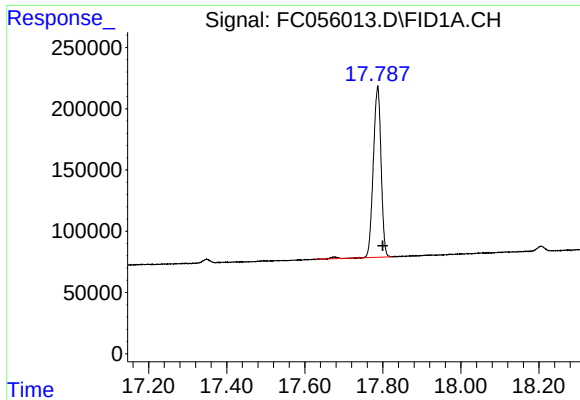
#15 n-Hexacosane (C26)

R.T.: 15.952 min
Delta R.T.: -0.014 min
Response: 1901891
Conc: 18.93 ug/ml



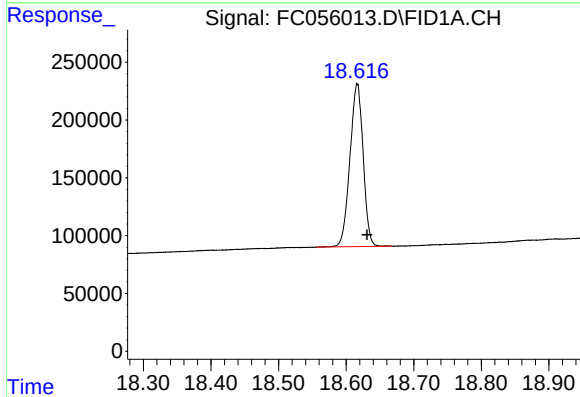
#16 n-Octacosane (C28)

R.T.: 16.901 min
Delta R.T.: -0.013 min
Response: 1905880
Conc: 19.70 ug/ml



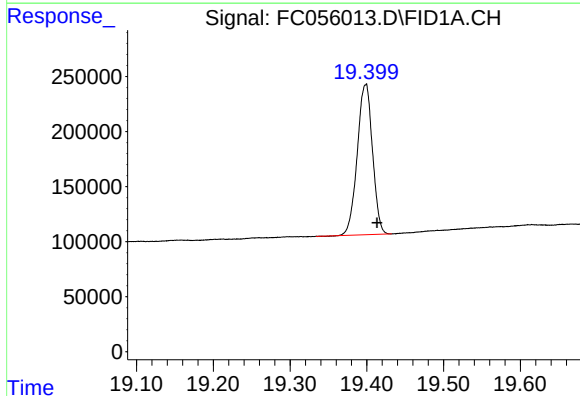
#17 n-Tricontane (C30)

R.T.: 17.787 min
Delta R.T.: -0.014 min
Response: 1928826
Conc: 20.79 ug/ml



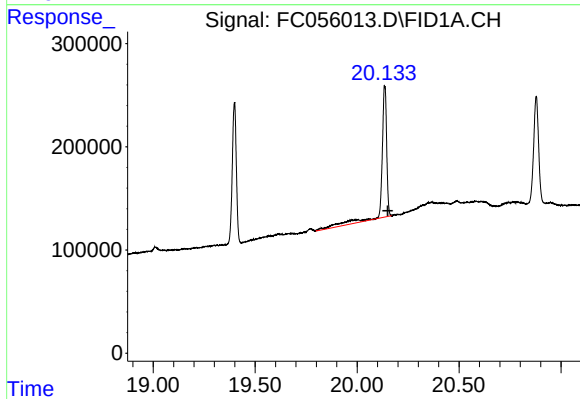
#18 n-Dotriacontane (C32)

R.T.: 18.616 min
Delta R.T.: -0.015 min
Response: 1912441
Conc: 21.51 ug/ml



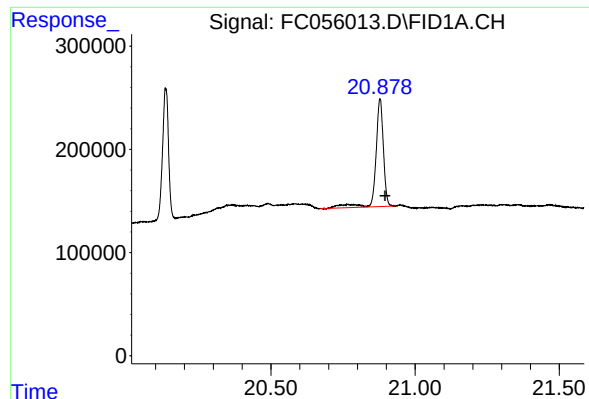
#19 n-Tetratriacontane (C34)

R.T.: 19.398 min
Delta R.T.: -0.015 min
Response: 1889450
Conc: 21.85 ug/ml



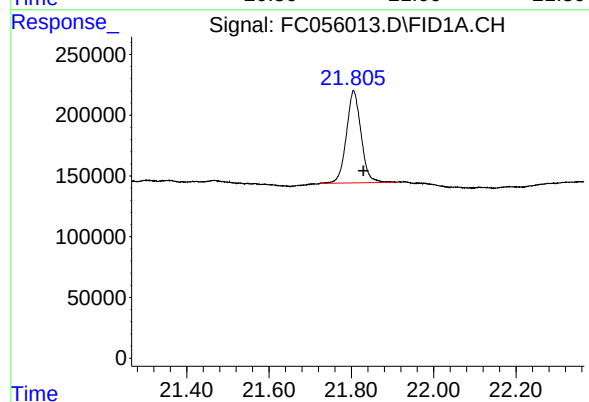
#20 n-Hexatriacontane (C36)

R.T.: 20.135 min
Delta R.T.: -0.016 min
Response: 2157294
Conc: 26.40 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.878 min
Delta R.T.: -0.017 min
Response: 1935286
Conc: 24.29 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.805 min
Delta R.T.: -0.024 min
Response: 1873018
Conc: 23.37 ug/ml