

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC102021AL\
 Data File : FC056287.D
 Signal(s) : FID1A.CH
 Acq On : 20 Oct 2021 10:20
 Operator : AJ\MA
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: sample.E
 Quant Time: Oct 21 08:50:37 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)	11.627	1961913	16.534 ug/ml
Spiked Amount 50.000		Recovery =	33.07%
12) S 1-chlorooctadecane (S...	13.057	1510649	16.443 ug/ml
Spiked Amount 50.000		Recovery =	32.89%
Target Compounds			
1) T n-Nonane (C9)	3.383	2056091	19.268 ug/ml
2) T n-Decane (C10)	4.451	2052221	19.199 ug/ml
3) T A~Naphthalene (C11.7)	6.043	2212469	18.388 ug/ml
4) T n-Dodecane (C12)	6.470	2035777	18.756 ug/ml
5) T A~2-methylnaphthalene...	7.100	2167363	17.842 ug/ml
6) T n-Tetradecane (C14)	8.265	1997298	18.053 ug/ml
7) T n-Hexadecane (C16)	9.865	1936553	17.495 ug/ml
8) T n-Octadecane (C18)	11.305	1927532	17.222 ug/ml
10) T n-Eicosane (C20)	12.612	1835589	16.805 ug/ml
11) T n-Heneicosane (C21)	13.223	1815187	16.695 ug/ml
13) T n-Docosane (C22)	13.808	1774677	16.617 ug/ml
14) T n-Tetracosane (C24)	14.909	1743974	16.678 ug/ml
15) T n-Hexacosane (C26)	15.926	1699354	16.913 ug/ml
16) T n-Octacosane (C28)	16.872	1692757	17.500 ug/ml
17) T n-Tricontane (C30)	17.756	1697670	18.297 ug/ml
18) T n-Dotriacontane (C32)	18.585	1681677	18.915 ug/ml
19) T n-Tetratriacontane (C34)	19.365	1640030	18.962 ug/ml
20) T n-Hexatriacontane (C36)	20.100	1549220	18.962 ug/ml
21) T n-Octatriacontane (C38)	20.836	1467676	18.418 ug/ml
22) T n-Tetracontane (C40)	21.755	1732732	21.616 ug/ml

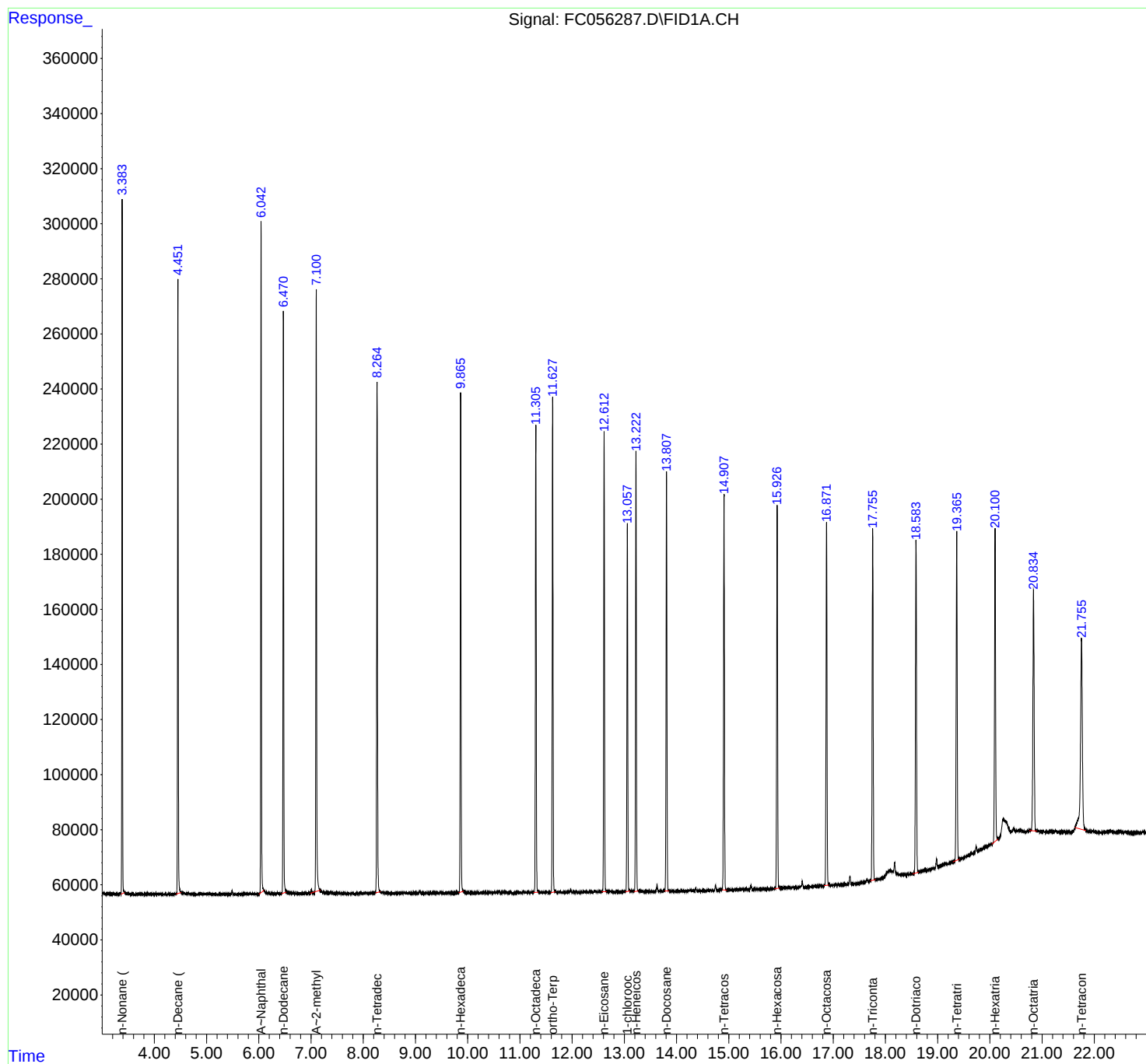
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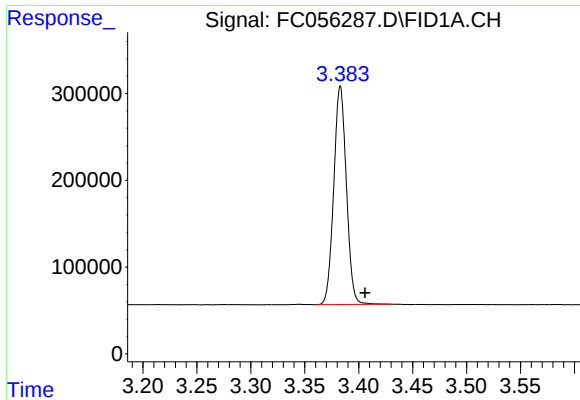
(m)=manual int.

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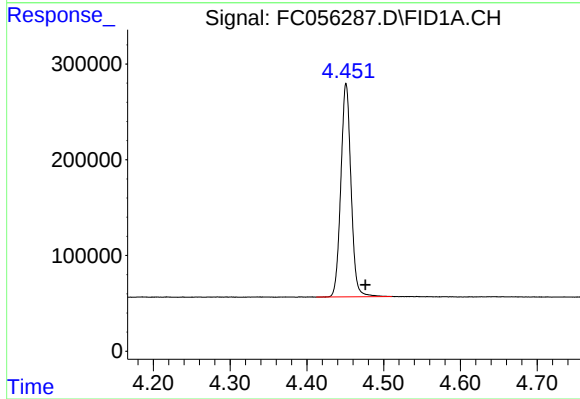
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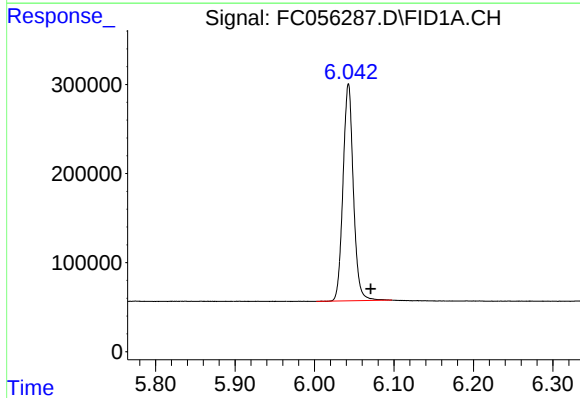
#1 n-Nonane (C9)

R.T.: 3.383 min
Delta R.T.: -0.023 min
Response: 2056091
Conc: 19.27 ug/ml



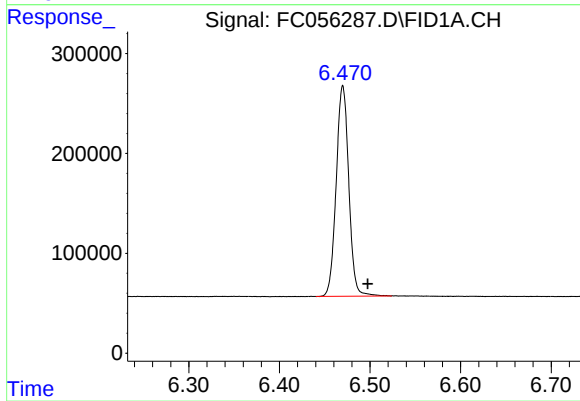
#2 n-Decane (C10)

R.T.: 4.451 min
Delta R.T.: -0.025 min
Response: 2052221
Conc: 19.20 ug/ml



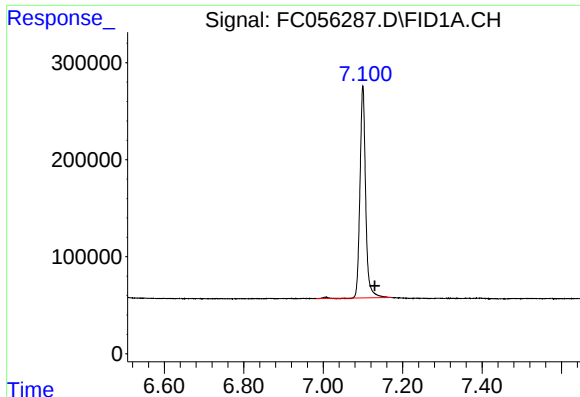
#3 A~Naphthalene (C11.7)

R.T.: 6.043 min
Delta R.T.: -0.028 min
Response: 2212469
Conc: 18.39 ug/ml



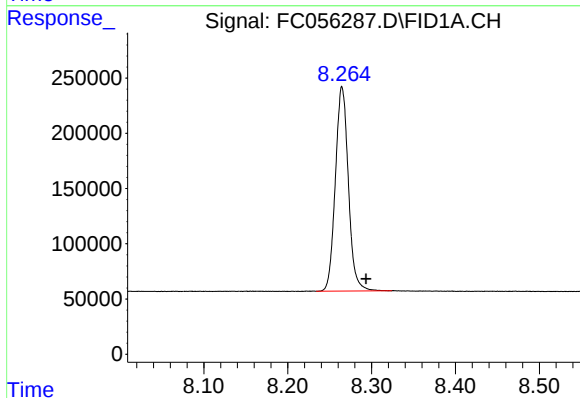
#4 n-Dodecane (C12)

R.T.: 6.470 min
Delta R.T.: -0.027 min
Response: 2035777
Conc: 18.76 ug/ml



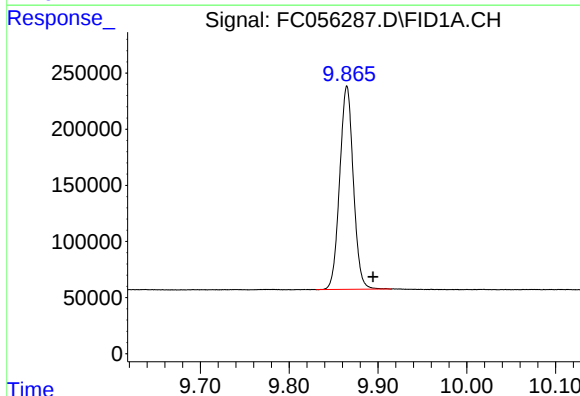
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.100 min
Delta R.T.: -0.030 min
Response: 2167363
Conc: 17.84 ug/ml



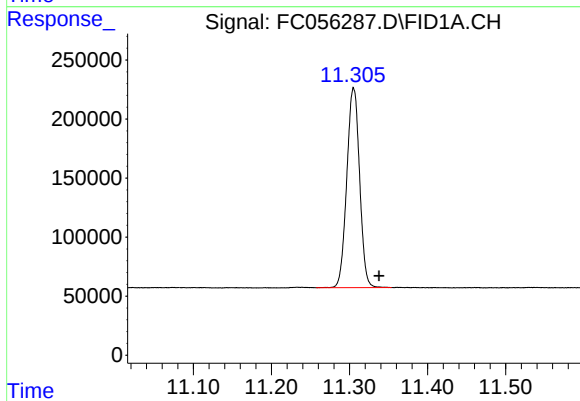
#6 n-Tetradecane (C14)

R.T.: 8.265 min
Delta R.T.: -0.029 min
Response: 1997298
Conc: 18.05 ug/ml



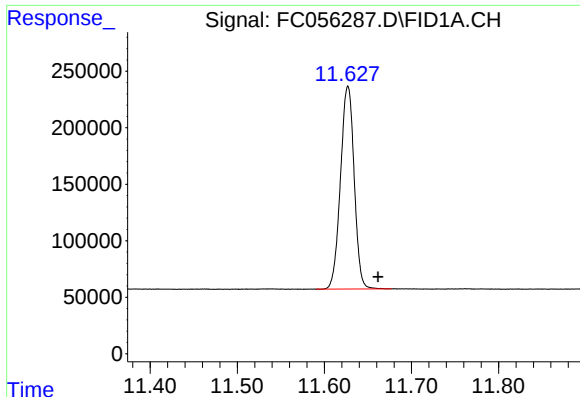
#7 n-Hexadecane (C16)

R.T.: 9.865 min
Delta R.T.: -0.029 min
Response: 1936553
Conc: 17.50 ug/ml



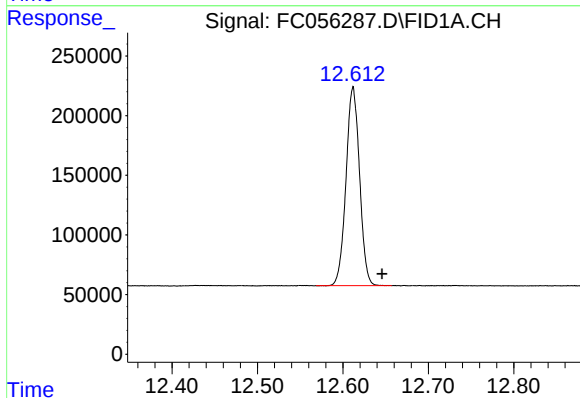
#8 n-Octadecane (C18)

R.T.: 11.305 min
Delta R.T.: -0.033 min
Response: 1927532
Conc: 17.22 ug/ml



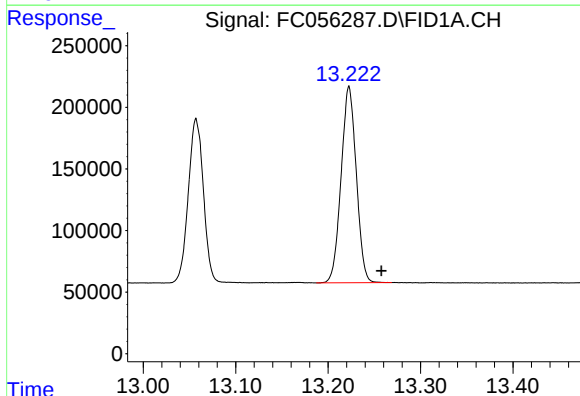
#9 ortho-Terphenyl (SURR)

R.T.: 11.627 min
Delta R.T.: -0.035 min
Response: 1961913
Conc: 16.53 ug/ml



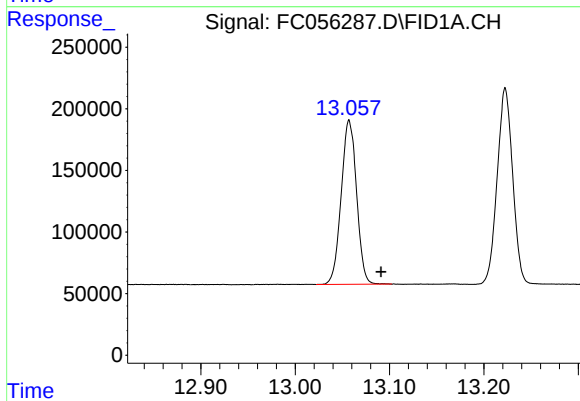
#10 n-Eicosane (C20)

R.T.: 12.612 min
Delta R.T.: -0.034 min
Response: 1835589
Conc: 16.81 ug/ml



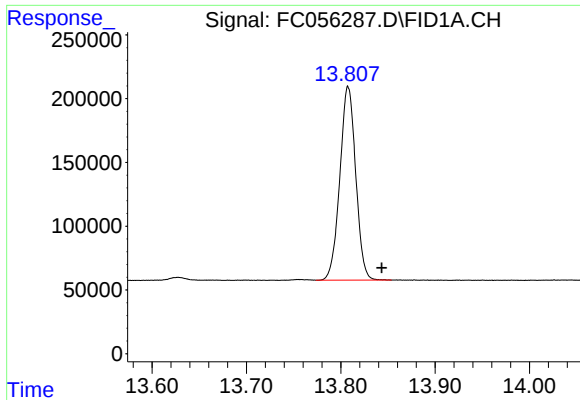
#11 n-Heneicosane (C21)

R.T.: 13.223 min
Delta R.T.: -0.035 min
Response: 1815187
Conc: 16.70 ug/ml



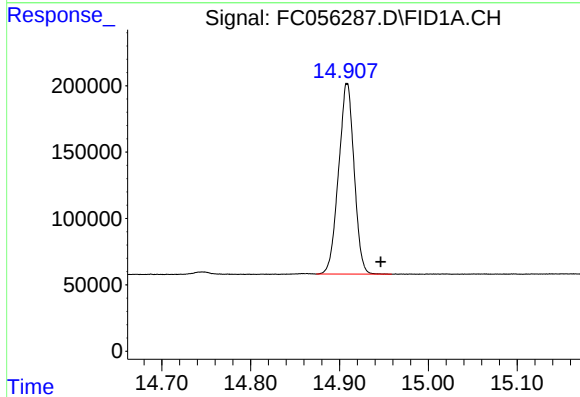
#12 1-chlorooctadecane (SURR)

R.T.: 13.057 min
Delta R.T.: -0.034 min
Response: 1510649
Conc: 16.44 ug/ml



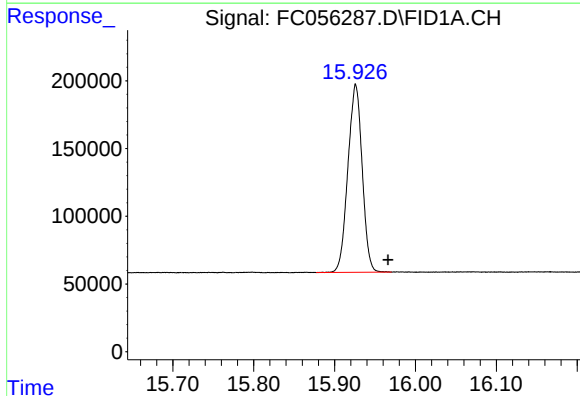
#13 n-Docosane (C22)

R.T.: 13.808 min
Delta R.T.: -0.036 min
Response: 1774677
Conc: 16.62 ug/ml



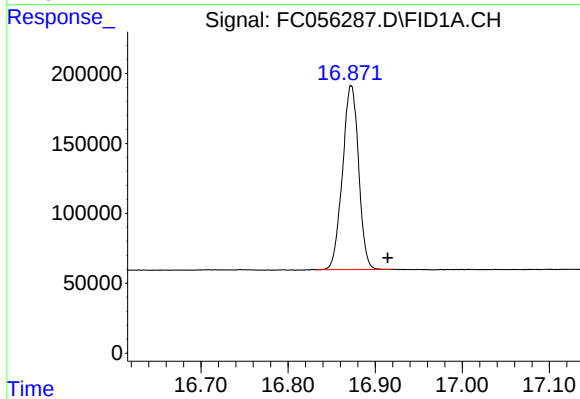
#14 n-Tetracosane (C24)

R.T.: 14.909 min
Delta R.T.: -0.038 min
Response: 1743974
Conc: 16.68 ug/ml



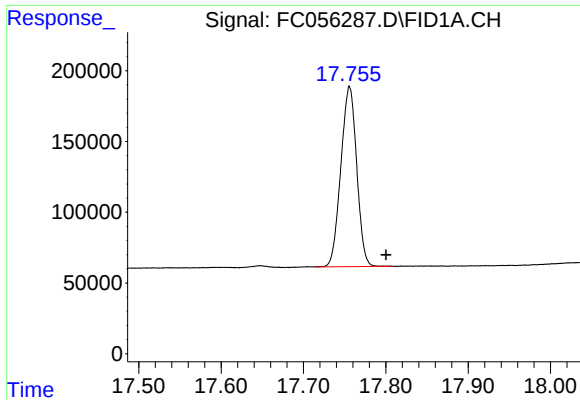
#15 n-Hexacosane (C26)

R.T.: 15.926 min
Delta R.T.: -0.040 min
Response: 1699354
Conc: 16.91 ug/ml



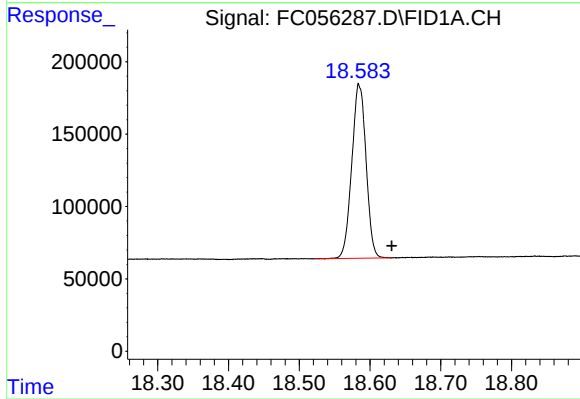
#16 n-Octacosane (C28)

R.T.: 16.872 min
Delta R.T.: -0.042 min
Response: 1692757
Conc: 17.50 ug/ml



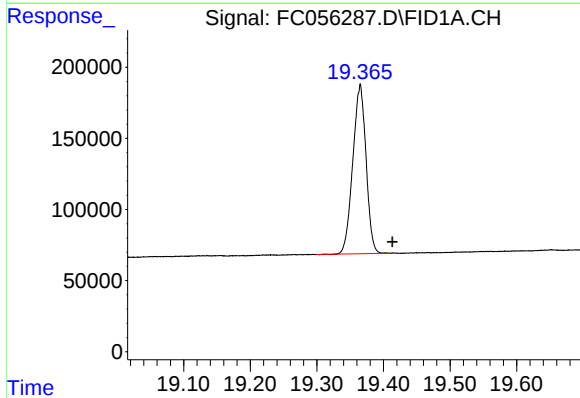
#17 n-Tricontane (C30)

R.T.: 17.756 min
Delta R.T.: -0.044 min
Response: 1697670
Conc: 18.30 ug/ml



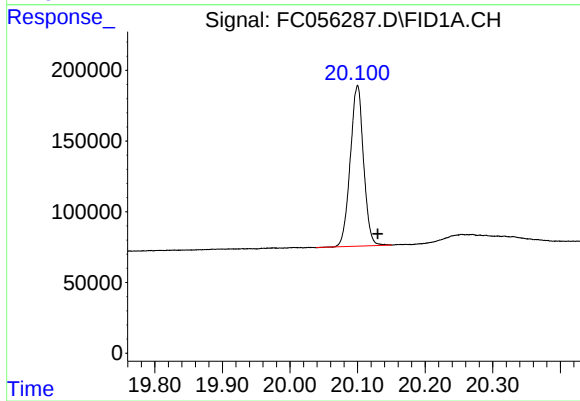
#18 n-Dotriacontane (C32)

R.T.: 18.585 min
Delta R.T.: -0.046 min
Response: 1681677
Conc: 18.92 ug/ml



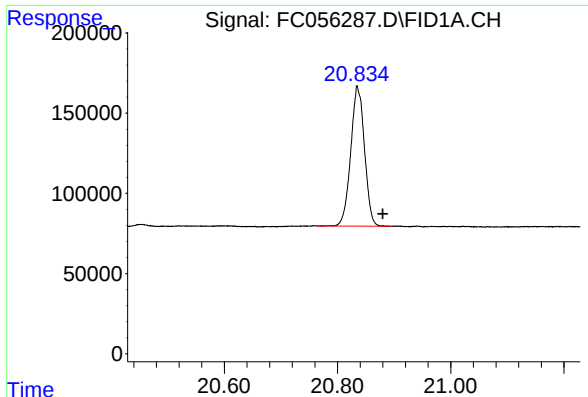
#19 n-Tetratriacontane (C34)

R.T.: 19.365 min
Delta R.T.: -0.048 min
Response: 1640030
Conc: 18.96 ug/ml



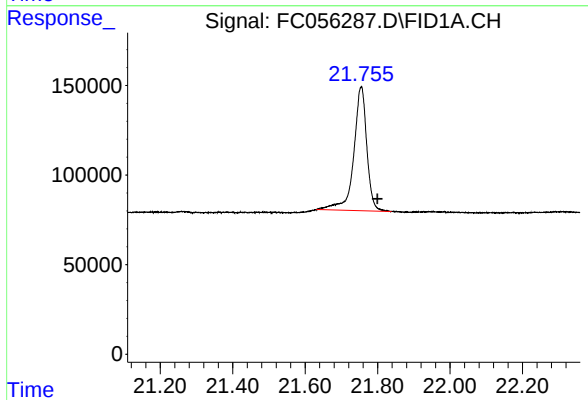
#20 n-Hexatriacontane (C36)

R.T.: 20.100 min
Delta R.T.: -0.030 min
Response: 1549220
Conc: 18.96 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.836 min
Delta R.T.: -0.044 min
Response: 1467676
Conc: 18.42 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.755 min
Delta R.T.: -0.045 min
Response: 1732732
Conc: 21.62 ug/ml