

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC102821AL\
 Data File : FC056485.D
 Signal(s) : FID1A.CH
 Acq On : 29 Oct 2021 3:51
 Operator : AJ\MA
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: sample.E
 Quant Time: Oct 29 06:59:46 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 102121.M
 Quant Title : GC Extractables
 QLast Update : Thu Oct 21 01:00:25 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)	11.626	2197397	17.747 ug/ml
Spiked Amount 50.000		Recovery =	35.49%
12) S 1-chlorooctadecane (S...	13.057	1685784	17.519 ug/ml
Spiked Amount 50.000		Recovery =	35.04%
Target Compounds			
1) T n-Nonane (C9)	3.382	2215455	20.469 ug/ml
2) T n-Decane (C10)	4.449	2223412	20.641 ug/ml
3) T A~Naphthalene (C11.7)	6.042	2473603	20.289 ug/ml
4) T n-Dodecane (C12)	6.469	2235537	20.279 ug/ml
5) T A~2-methylnaphthalene...	7.100	2434219	19.878 ug/ml
6) T n-Tetradecane (C14)	8.264	2215986	19.738 ug/ml
7) T n-Hexadecane (C16)	9.864	2177907	19.157 ug/ml
8) T n-Octadecane (C18)	11.305	2164490	18.522 ug/ml
10) T n-Eicosane (C20)	12.612	2056423	17.893 ug/ml
11) T n-Heneicosane (C21)	13.223	2024439	17.616 ug/ml
13) T n-Docosane (C22)	13.809	1984765	17.629 ug/ml
14) T n-Tetracosane (C24)	14.908	1898205	17.225 ug/ml
15) T n-Hexacosane (C26)	15.925	1829404	17.333 ug/ml
16) T n-Octacosane (C28)	16.873	1794555	17.301 ug/ml
17) T n-Tricontane (C30)	17.757	1828011	17.643 ug/mlm
18) T n-Dotriacontane (C32)	18.586	1844283	19.250 ug/mlm
19) T n-Tetratriacontane (C34)	19.364	1817516	20.722 ug/mlm
20) T n-Hexatriacontane (C36)	20.102	1788121	21.846 ug/mlm
21) T n-Octatriacontane (C38)	20.839	1853078	23.170 ug/mlm
22) T n-Tetracontane (C40)	21.757	1846092	22.407 ug/mlm

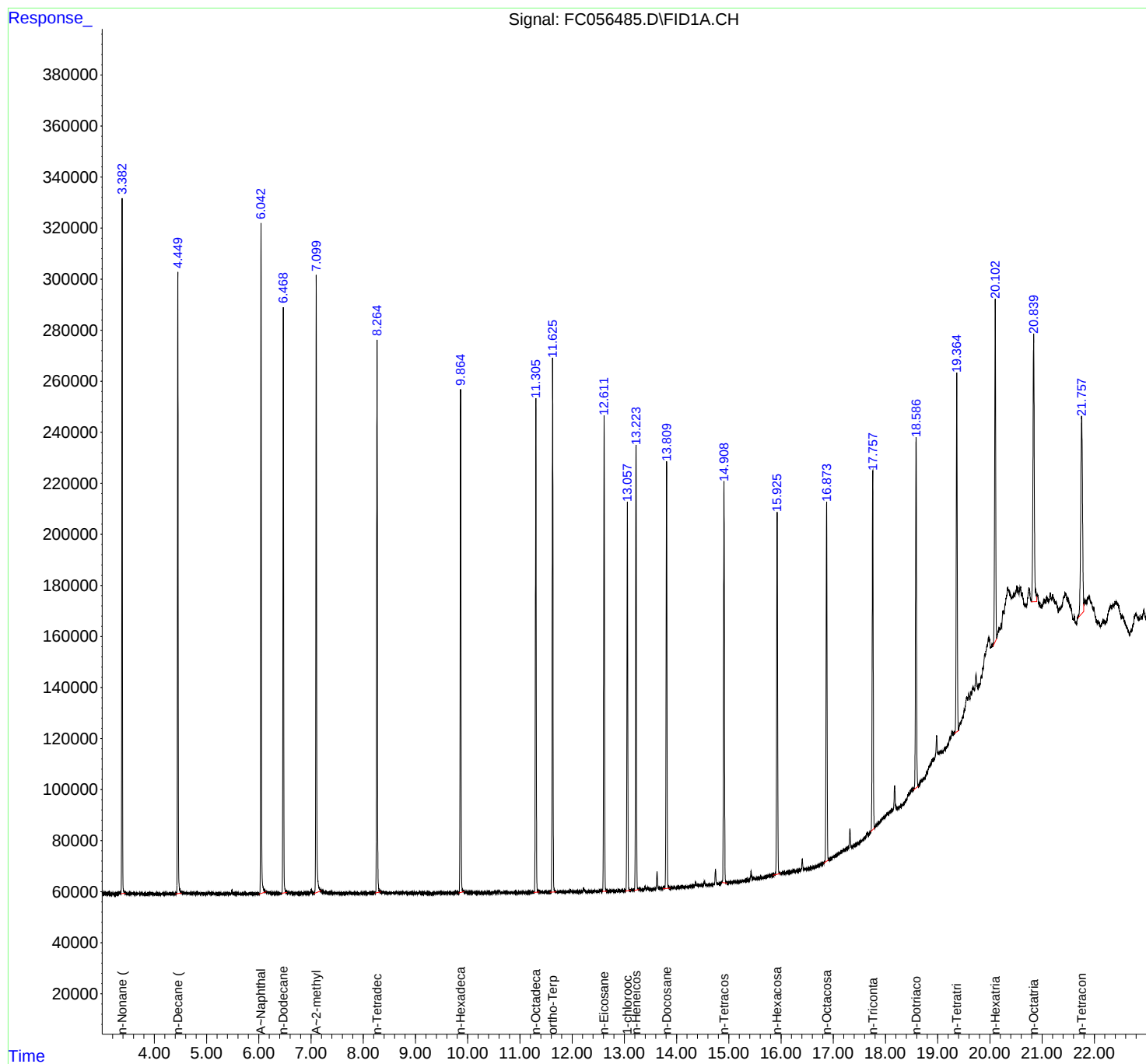
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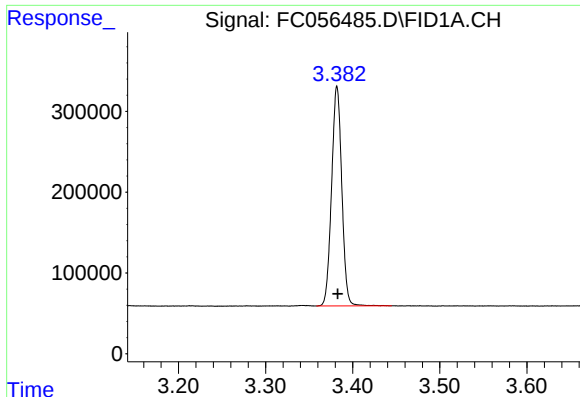
(m)=manual int.

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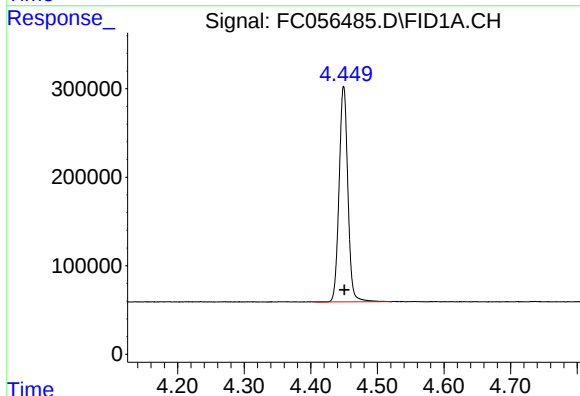
Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um





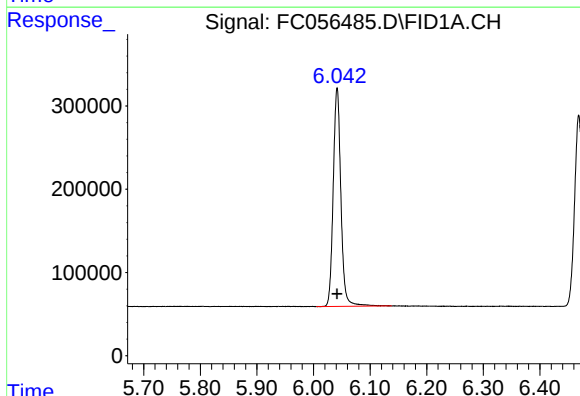
#1 n-Nonane (C9)

R.T.: 3.382 min
Delta R.T.: -0.001 min
Response: 2215455
Conc: 20.47 ug/ml



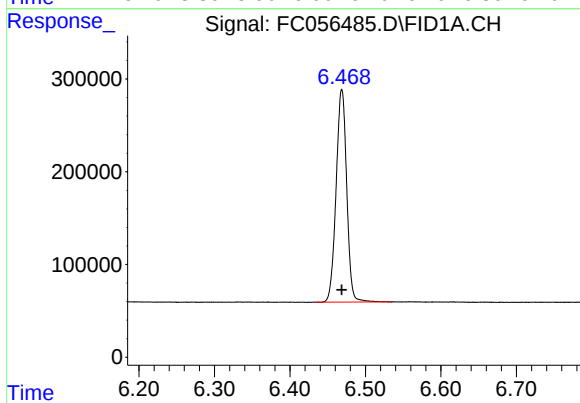
#2 n-Decane (C10)

R.T.: 4.449 min
Delta R.T.: 0.000 min
Response: 2223412
Conc: 20.64 ug/ml



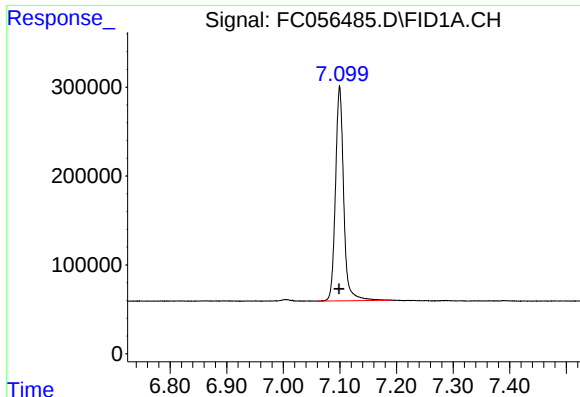
#3 A~Naphthalene (C11.7)

R.T.: 6.042 min
Delta R.T.: 0.000 min
Response: 2473603
Conc: 20.29 ug/ml



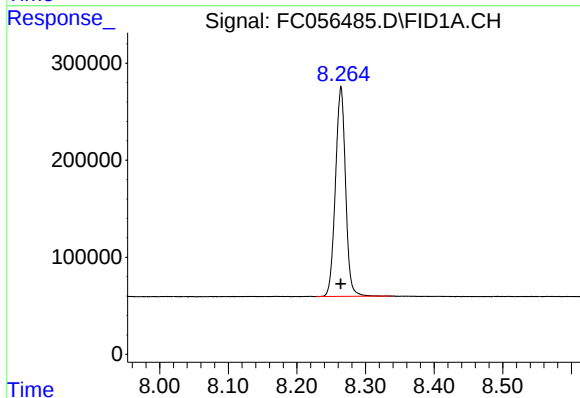
#4 n-Dodecane (C12)

R.T.: 6.469 min
Delta R.T.: 0.000 min
Response: 2235537
Conc: 20.28 ug/ml



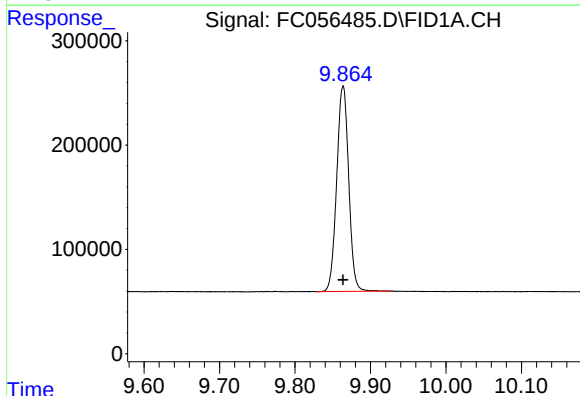
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.100 min
Delta R.T.: 0.000 min
Response: 2434219
Conc: 19.88 ug/ml



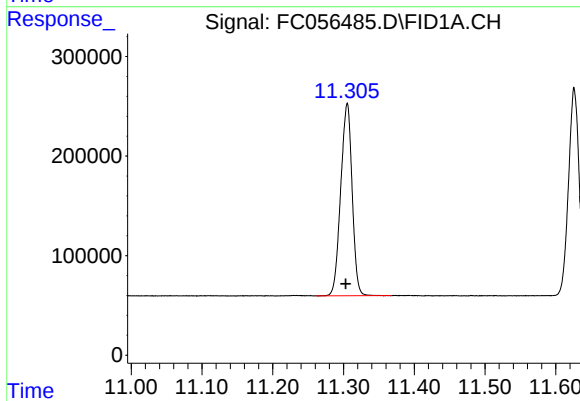
#6 n-Tetradecane (C14)

R.T.: 8.264 min
Delta R.T.: 0.000 min
Response: 2215986
Conc: 19.74 ug/ml



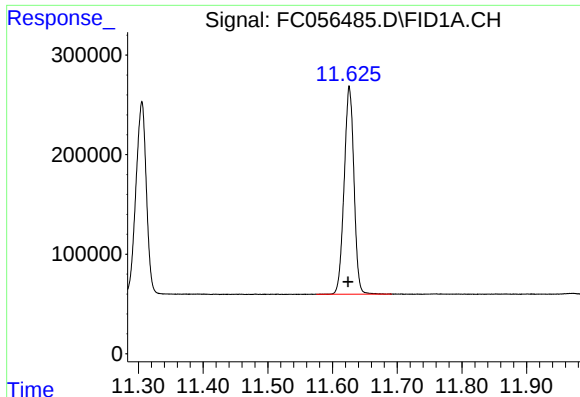
#7 n-Hexadecane (C16)

R.T.: 9.864 min
Delta R.T.: 0.000 min
Response: 2177907
Conc: 19.16 ug/ml



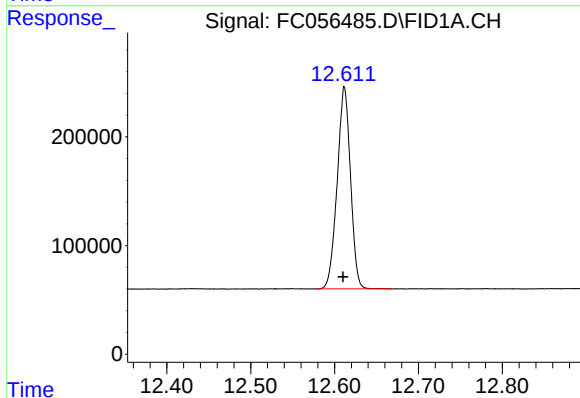
#8 n-Octadecane (C18)

R.T.: 11.305 min
Delta R.T.: 0.002 min
Response: 2164490
Conc: 18.52 ug/ml



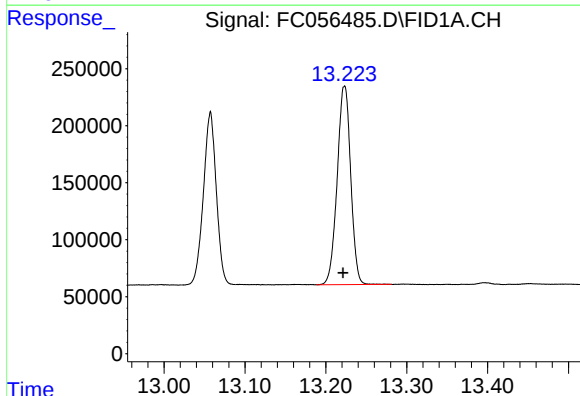
#9 ortho-Terphenyl (SURR)

R.T.: 11.626 min
Delta R.T.: 0.002 min
Response: 2197397
Conc: 17.75 ug/ml



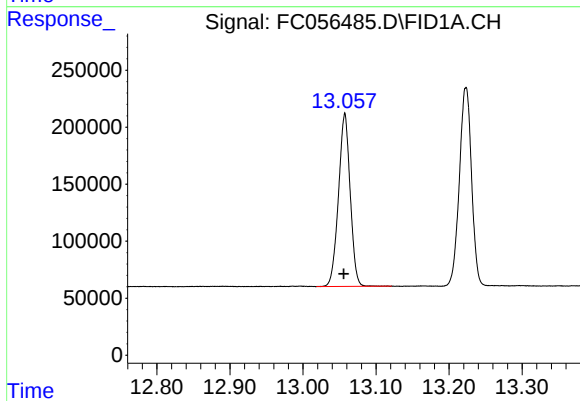
#10 n-Eicosane (C20)

R.T.: 12.612 min
Delta R.T.: 0.001 min
Response: 2056423
Conc: 17.89 ug/ml



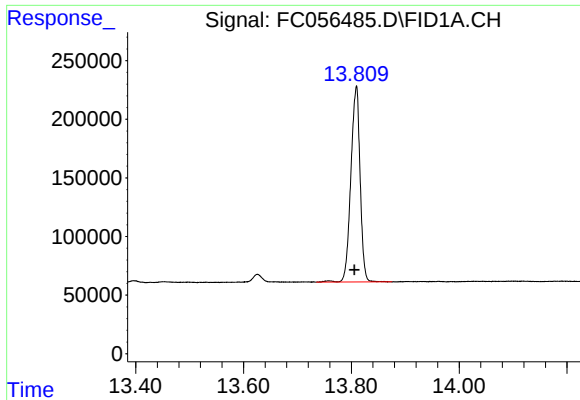
#11 n-Heneicosane (C21)

R.T.: 13.223 min
Delta R.T.: 0.002 min
Response: 2024439
Conc: 17.62 ug/ml



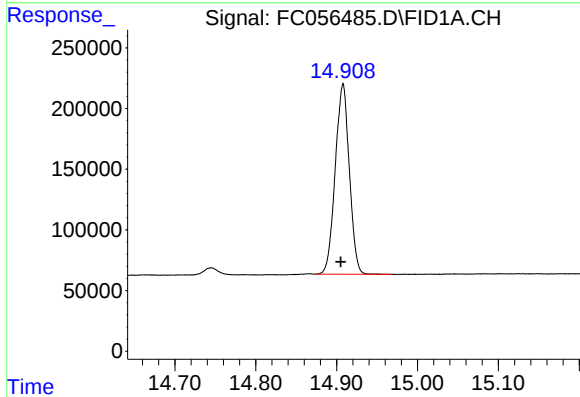
#12 1-chlorooctadecane (SURR)

R.T.: 13.057 min
Delta R.T.: 0.002 min
Response: 1685784
Conc: 17.52 ug/ml



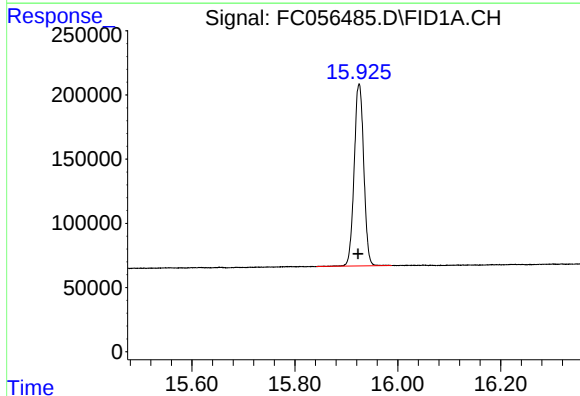
#13 n-Docosane (C22)

R.T.: 13.809 min
Delta R.T.: 0.003 min
Response: 1984765
Conc: 17.63 ug/ml



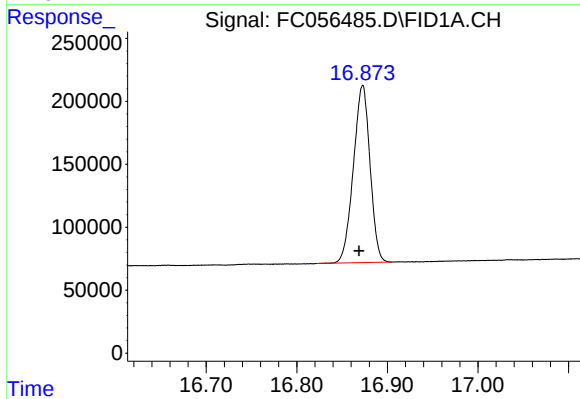
#14 n-Tetracosane (C24)

R.T.: 14.908 min
Delta R.T.: 0.003 min
Response: 1898205
Conc: 17.22 ug/ml



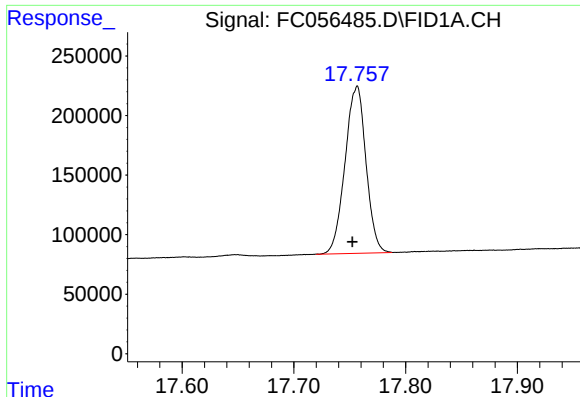
#15 n-Hexacosane (C26)

R.T.: 15.925 min
Delta R.T.: 0.002 min
Response: 1829404
Conc: 17.33 ug/ml



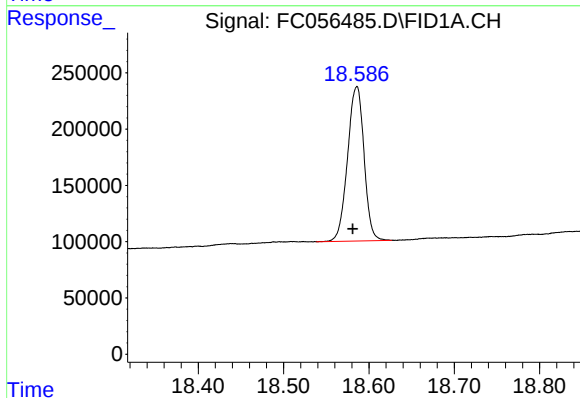
#16 n-Octacosane (C28)

R.T.: 16.873 min
Delta R.T.: 0.004 min
Response: 1794555
Conc: 17.30 ug/ml



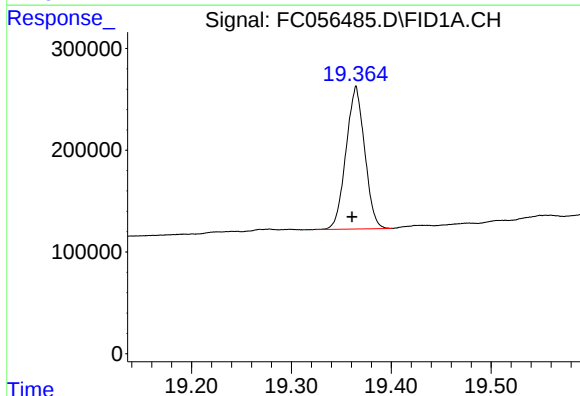
#17 n-Tricontane (C30)

R.T.: 17.757 min
Delta R.T.: 0.004 min
Response: 1828011
Conc: 17.64 ug/ml m



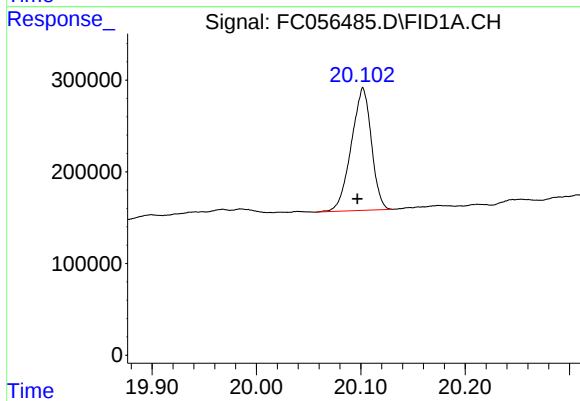
#18 n-Dotriacontane (C32)

R.T.: 18.586 min
Delta R.T.: 0.005 min
Response: 1844283
Conc: 19.25 ug/ml m



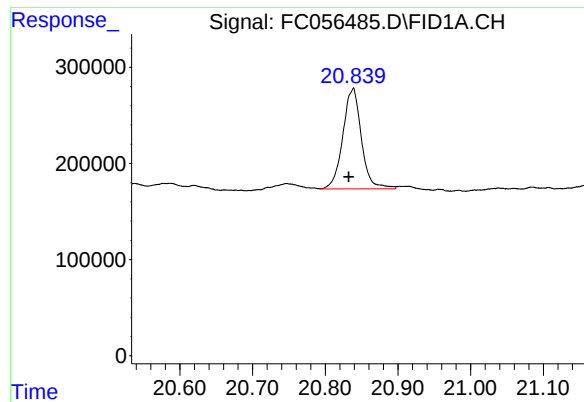
#19 n-Tetratriacontane (C34)

R.T.: 19.364 min
Delta R.T.: 0.004 min
Response: 1817516
Conc: 20.72 ug/ml m



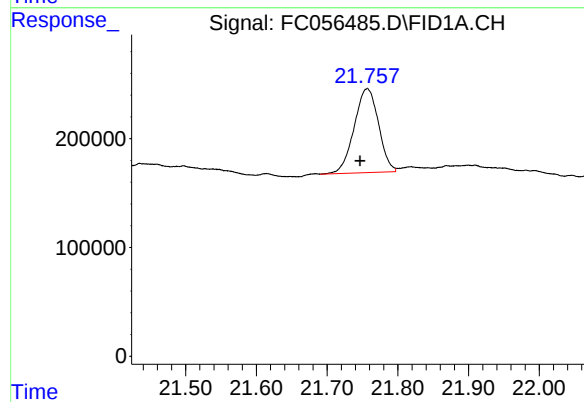
#20 n-Hexatriacontane (C36)

R.T.: 20.102 min
Delta R.T.: 0.005 min
Response: 1788121
Conc: 21.85 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 20.839 min
Delta R.T.: 0.006 min
Response: 1853078
Conc: 23.17 ug/ml m



#22 n-Tetracontane (C40)

R.T.: 21.757 min
Delta R.T.: 0.010 min
Response: 1846092
Conc: 22.41 ug/ml m