

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC121121AL\
 Data File : FC057382.D
 Signal(s) : FID1A.CH
 Acq On : 11 Dec 2021 7:16
 Operator : AJ\MA
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Dec 12 02:35:17 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 120921.M
 Quant Title : GC Extractables
 QLast Update : Thu Dec 09 22:19:01 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)	11.574	2219468	21.995 ug/ml
Spiked Amount 50.000		Recovery =	43.99%
12) S 1-chlorooctadecane (S...	13.004	1690956	22.269 ug/ml
Spiked Amount 50.000		Recovery =	44.54%
Target Compounds			
1) T n-Nonane (C9)	3.339	2010906	21.376 ug/ml
2) T n-Decane (C10)	4.405	2064238	22.054 ug/ml
3) T A~Naphthalene (C11.7)	5.997	2166673	22.047 ug/ml
4) T n-Dodecane (C12)	6.422	2070495	21.672 ug/ml
5) T A~2-methylnaphthalene...	7.052	2160058	22.077 ug/ml
6) T n-Tetradecane (C14)	8.214	2086356	21.719 ug/ml
7) T n-Hexadecane (C16)	9.813	2111467	21.784 ug/ml
8) T n-Octadecane (C18)	11.253	2128267	21.606 ug/ml
10) T n-Eicosane (C20)	12.561	2085851	21.674 ug/ml
11) T n-Heneicosane (C21)	13.171	2080449	21.754 ug/ml
13) T n-Docosane (C22)	13.756	2045487	21.944 ug/ml
14) T n-Tetracosane (C24)	14.857	2023666	22.037 ug/ml
15) T n-Hexacosane (C26)	15.875	1920260	22.214 ug/ml
16) T n-Octacosane (C28)	16.823	1878888	22.034 ug/ml
17) T n-Tricontane (C30)	17.708	1830572	21.898 ug/ml
18) T n-Dotriacontane (C32)	18.539	1807093	22.095 ug/ml
19) T n-Tetratriacontane (C34)	19.321	1746709	21.285 ug/ml
20) T n-Hexatriacontane (C36)	20.059	1711700	21.461 ug/ml
21) T n-Octatriacontane (C38)	20.791	1728662	22.766 ug/mlm
22) T n-Tetracontane (C40)	21.691	1768426	23.658 ug/ml

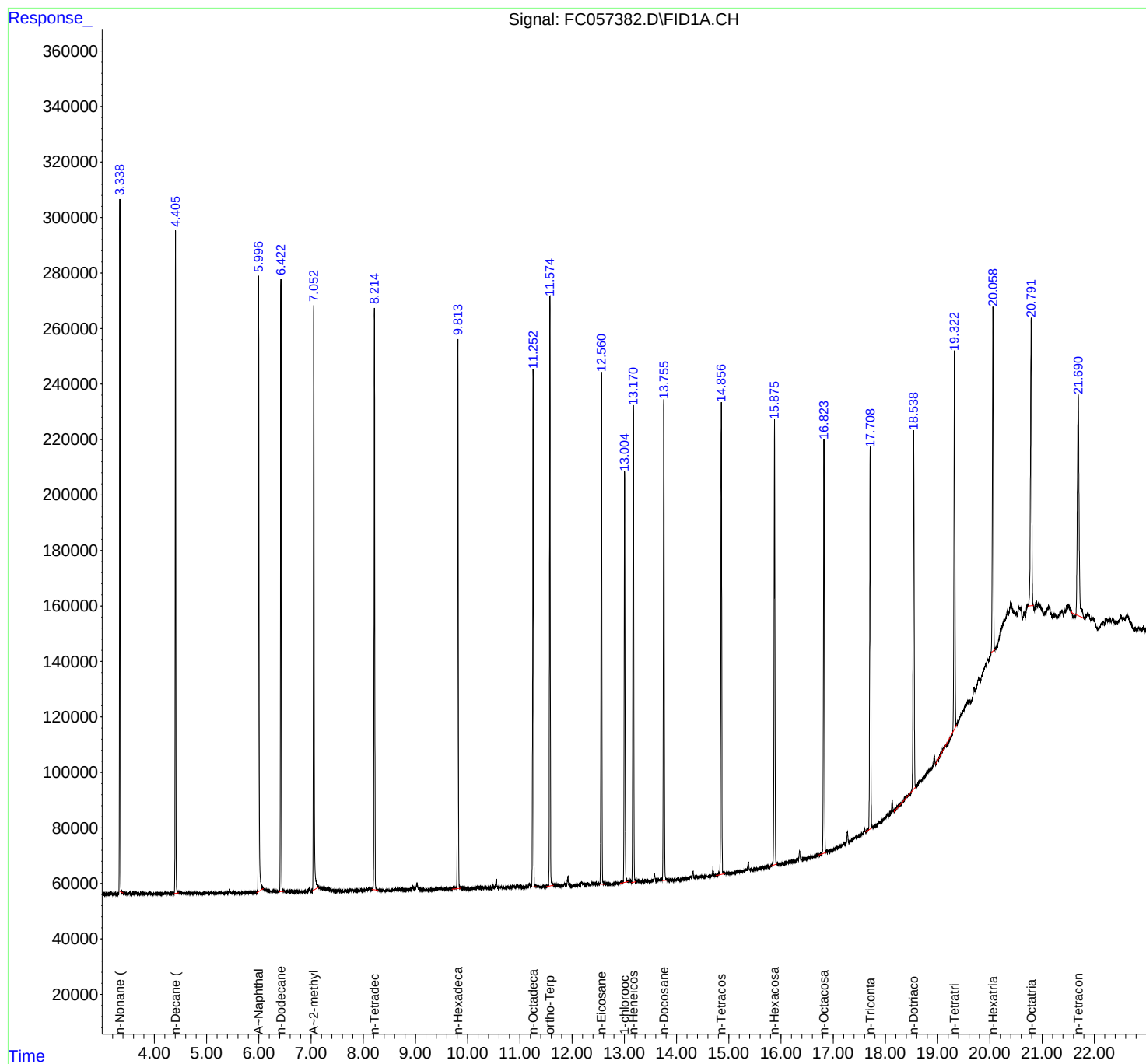
(f)=RT Delta > 1/2 Window

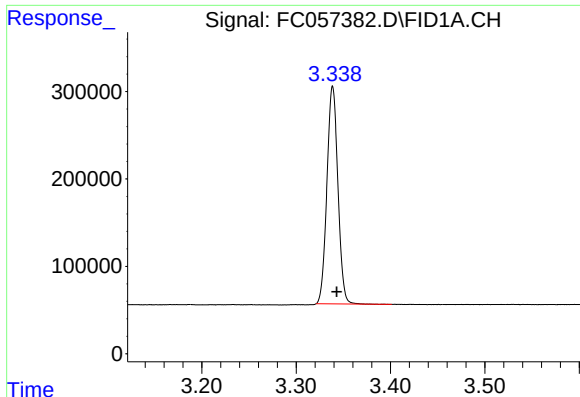
(m)=manual int.

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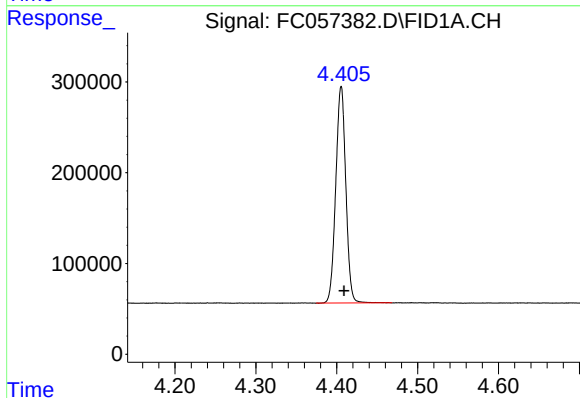
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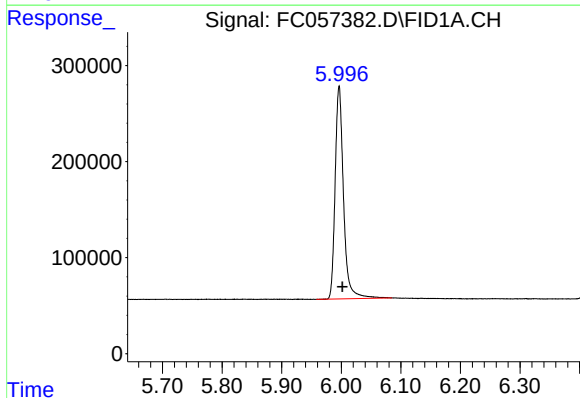
#1 n-Nonane (C9)

R.T.: 3.339 min
Delta R.T.: -0.004 min
Response: 2010906
Conc: 21.38 ug/ml



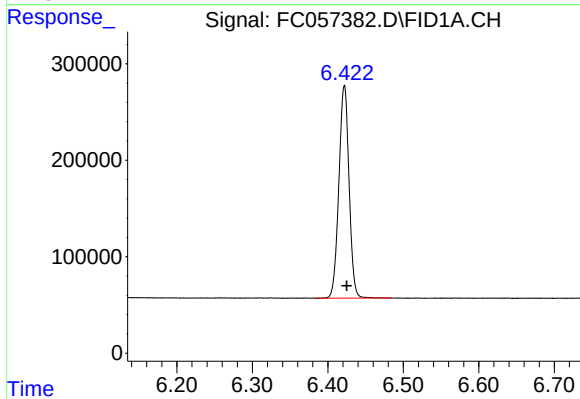
#2 n-Decane (C10)

R.T.: 4.405 min
Delta R.T.: -0.004 min
Response: 2064238
Conc: 22.05 ug/ml



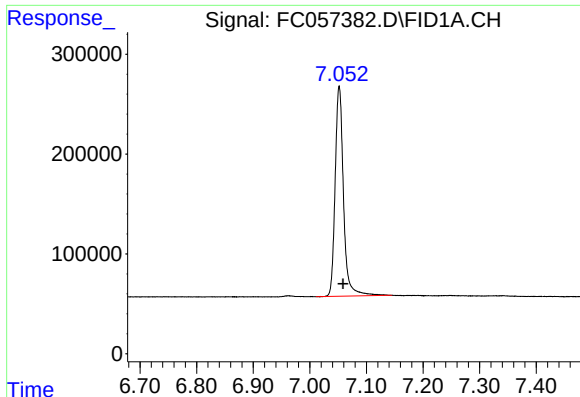
#3 A~Naphthalene (C11.7)

R.T.: 5.997 min
Delta R.T.: -0.006 min
Response: 2166673
Conc: 22.05 ug/ml



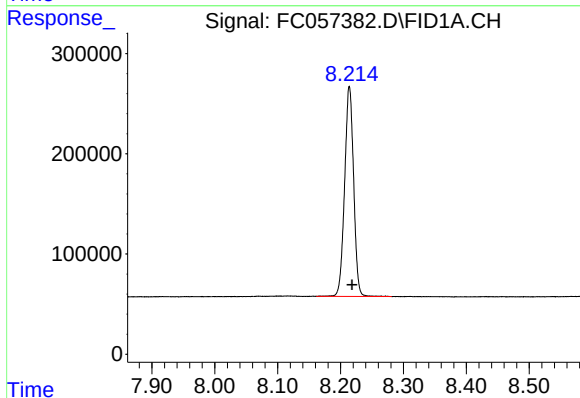
#4 n-Dodecane (C12)

R.T.: 6.422 min
Delta R.T.: -0.003 min
Response: 2070495
Conc: 21.67 ug/ml



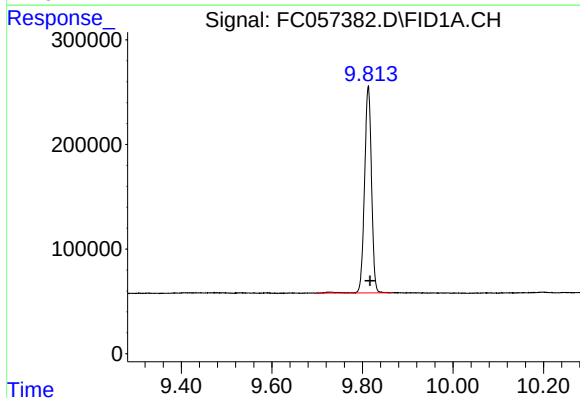
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.052 min
Delta R.T.: -0.007 min
Response: 2160058
Conc: 22.08 ug/ml



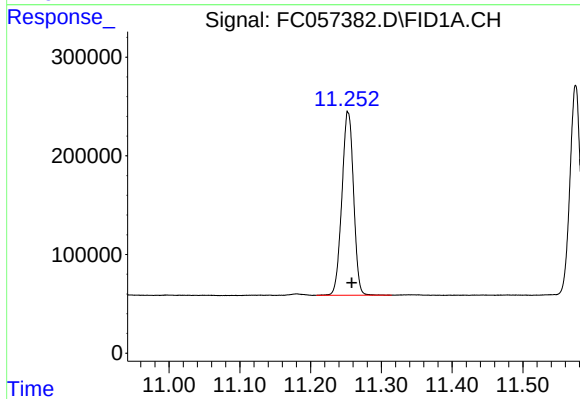
#6 n-Tetradecane (C14)

R.T.: 8.214 min
Delta R.T.: -0.004 min
Response: 2086356
Conc: 21.72 ug/ml



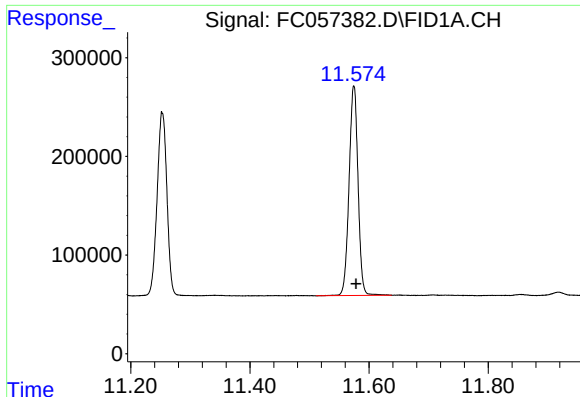
#7 n-Hexadecane (C16)

R.T.: 9.813 min
Delta R.T.: -0.004 min
Response: 2111467
Conc: 21.78 ug/ml



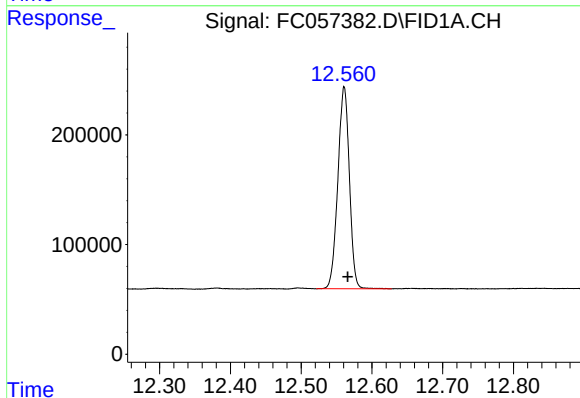
#8 n-Octadecane (C18)

R.T.: 11.253 min
Delta R.T.: -0.005 min
Response: 2128267
Conc: 21.61 ug/ml



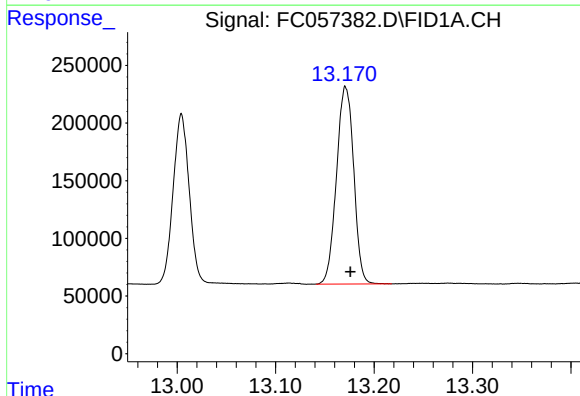
#9 ortho-Terphenyl (SURR)

R.T.: 11.574 min
Delta R.T.: -0.004 min
Response: 2219468
Conc: 22.00 ug/ml



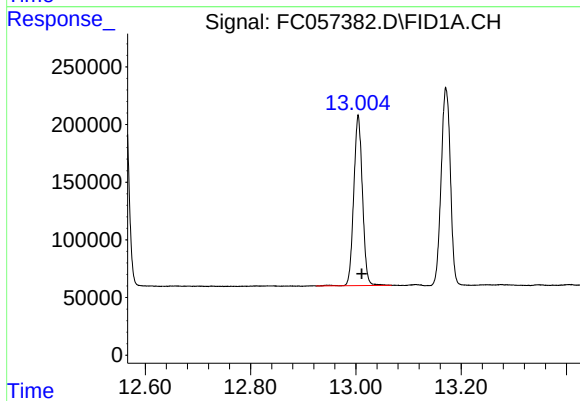
#10 n-Eicosane (C20)

R.T.: 12.561 min
Delta R.T.: -0.005 min
Response: 2085851
Conc: 21.67 ug/ml



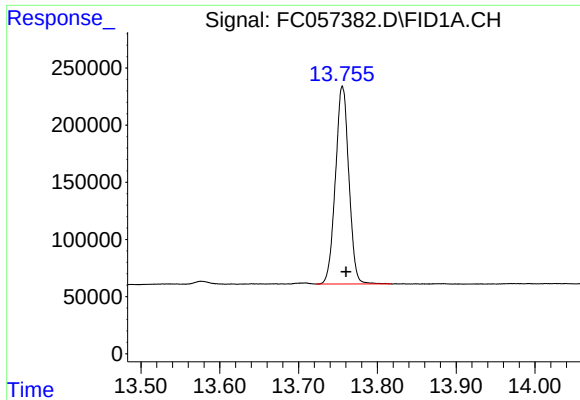
#11 n-Heneicosane (C21)

R.T.: 13.171 min
Delta R.T.: -0.005 min
Response: 2080449
Conc: 21.75 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.004 min
Delta R.T.: -0.007 min
Response: 1690956
Conc: 22.27 ug/ml



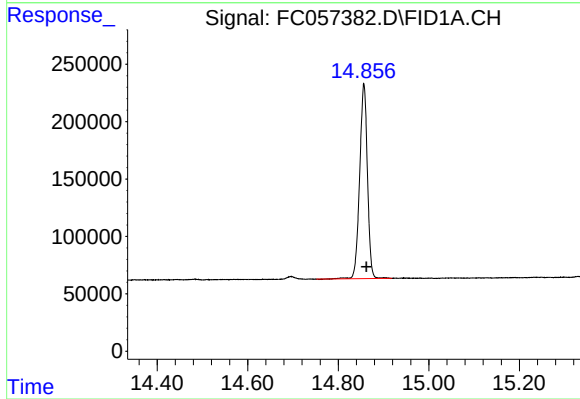
#13 n-Docosane (C22)

R.T.: 13.756 min

Delta R.T.: -0.005 min

Response: 2045487

Conc: 21.94 ug/ml



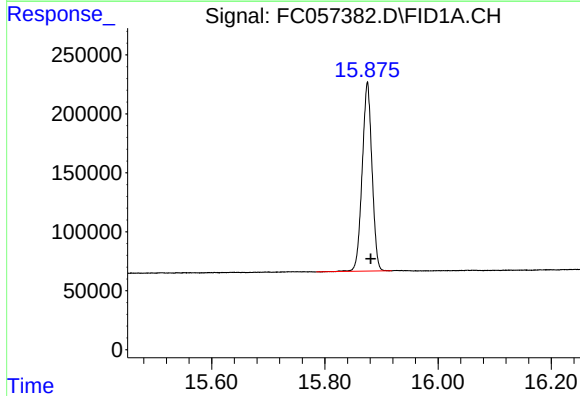
#14 n-Tetracosane (C24)

R.T.: 14.857 min

Delta R.T.: -0.006 min

Response: 2023666

Conc: 22.04 ug/ml



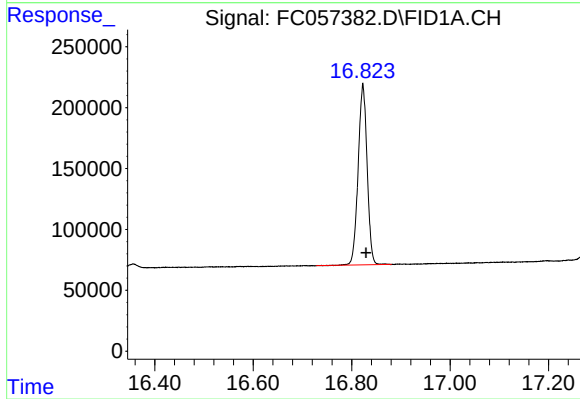
#15 n-Hexacosane (C26)

R.T.: 15.875 min

Delta R.T.: -0.006 min

Response: 1920260

Conc: 22.21 ug/ml



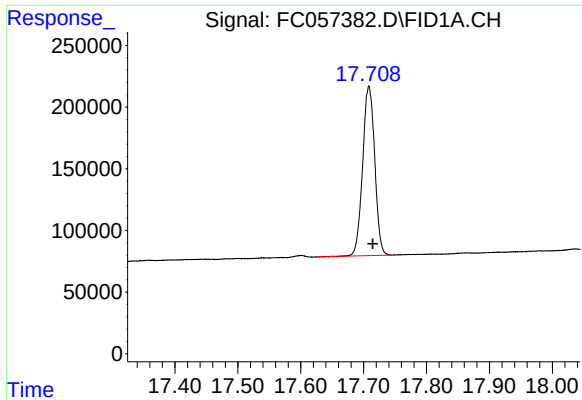
#16 n-Octacosane (C28)

R.T.: 16.823 min

Delta R.T.: -0.007 min

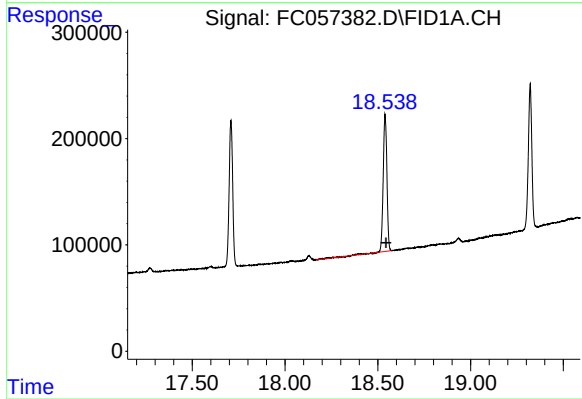
Response: 1878888

Conc: 22.03 ug/ml



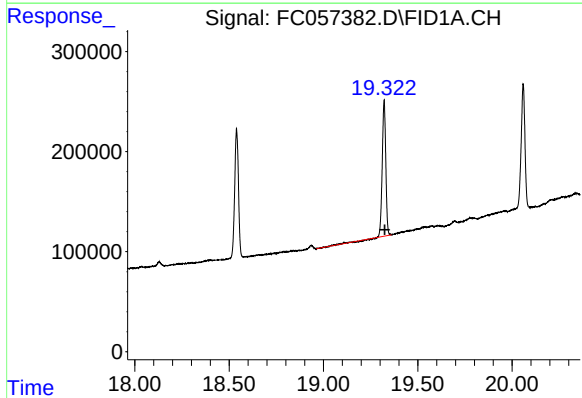
#17 n-Tricontane (C30)

R.T.: 17.708 min
Delta R.T.: -0.006 min
Response: 1830572
Conc: 21.90 ug/ml



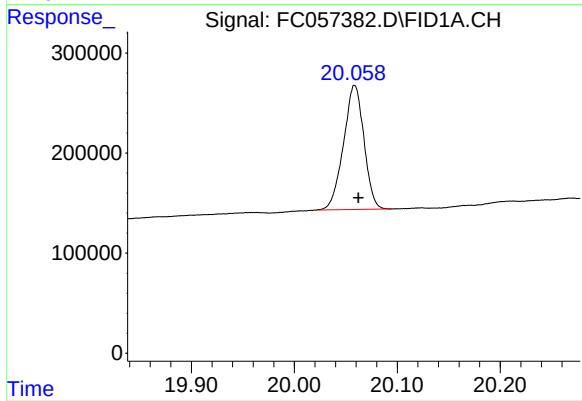
#18 n-Dotriacontane (C32)

R.T.: 18.539 min
Delta R.T.: -0.005 min
Response: 1807093
Conc: 22.09 ug/ml



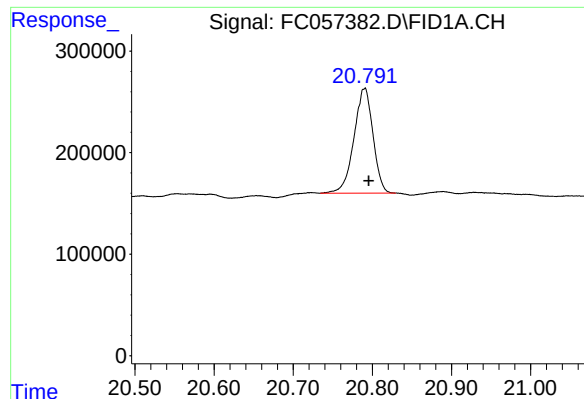
#19 n-Tetratriacontane (C34)

R.T.: 19.321 min
Delta R.T.: -0.004 min
Response: 1746709
Conc: 21.28 ug/ml



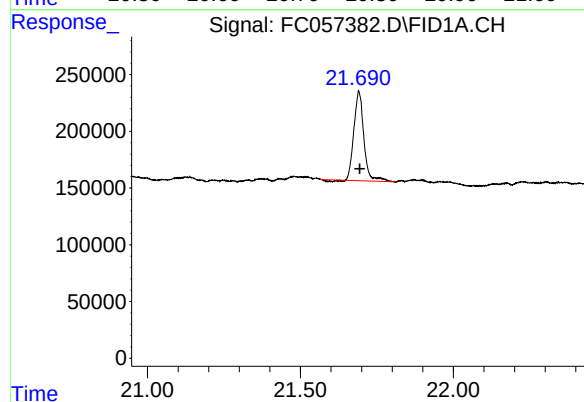
#20 n-Hexatriacontane (C36)

R.T.: 20.059 min
Delta R.T.: -0.004 min
Response: 1711700
Conc: 21.46 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.791 min
Delta R.T.: -0.004 min
Response: 1728662
Conc: 22.77 ug/ml m



#22 n-Tetracontane (C40)

R.T.: 21.691 min
Delta R.T.: -0.003 min
Response: 1768426
Conc: 23.66 ug/ml