

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC080921AL\
 Data File : FC055071.D
 Signal(s) : FID1A.CH
 Acq On : 09 Aug 2021 10:30
 Operator : AJ\MA
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Aug 09 15:04:03 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 080321.M
 Quant Title : GC Extractables
 QLast Update : Wed Aug 04 02:08:31 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)	11.309	2190143	17.396 ug/ml
Spiked Amount 50.000		Recovery =	34.79%
12) S 1-chlorooctadecane (S...	12.751	1708518	17.239 ug/ml
Spiked Amount 50.000		Recovery =	34.48%
Target Compounds			
1) T n-Nonane (C9)	3.141	2002785	19.153 ug/ml
2) T n-Decane (C10)	4.192	2025817	19.237 ug/ml
3) T A~Naphthalene (C11.7)	5.757	2111572	19.433 ug/ml
4) T n-Dodecane (C12)	6.193	2074671	19.105 ug/ml
5) T A~2-methylnaphthalene...	6.807	2139657	19.605 ug/ml
6) T n-Tetradecane (C14)	7.978	2105170	18.857 ug/ml
7) T n-Hexadecane (C16)	9.571	2109654	18.497 ug/ml
8) T n-Octadecane (C18)	11.007	2127821	18.044 ug/ml
10) T n-Eicosane (C20)	12.309	2057259	17.523 ug/ml
11) T n-Heneicosane (C21)	12.919	2050183	17.363 ug/ml
13) T n-Docosane (C22)	13.503	1999116	17.116 ug/ml
14) T n-Tetracosane (C24)	14.602	1927397	16.651 ug/ml
15) T n-Hexacosane (C26)	15.619	1823351	16.270 ug/ml
16) T n-Octacosane (C28)	16.566	1756289	16.176 ug/ml
17) T n-Tricontane (C30)	17.450	1695846	16.242 ug/ml
18) T n-Dotriacontane (C32)	18.281	1647272	16.633 ug/ml
19) T n-Tetratriacontane (C34)	19.063	1627171	17.168 ug/ml
20) T n-Hexatriacontane (C36)	19.801	1618593	17.912 ug/ml
21) T n-Octatriacontane (C38)	20.502	1644696	19.035 ug/ml
22) T n-Tetracontane (C40)	21.310	1547966	17.382 ug/ml

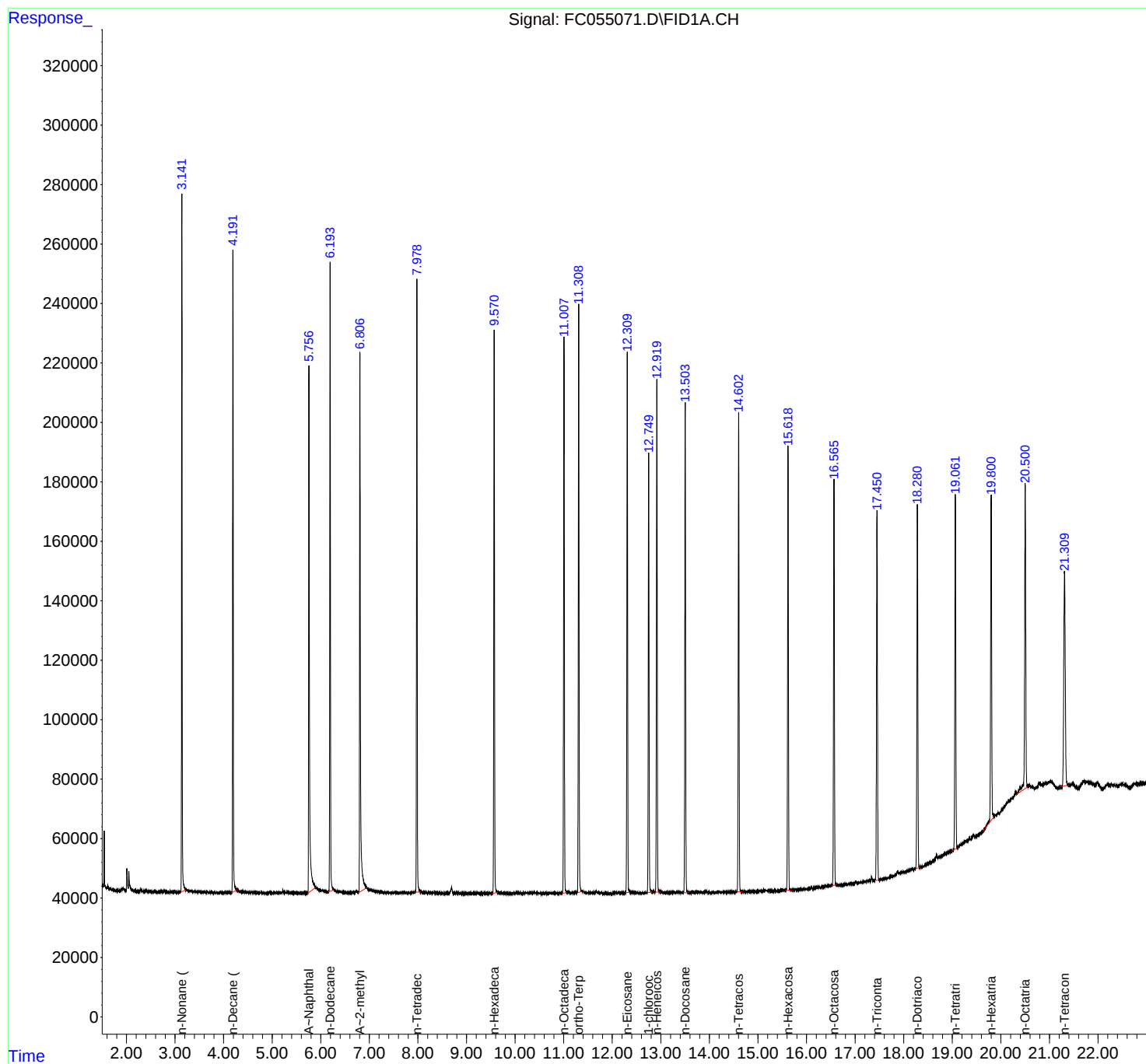
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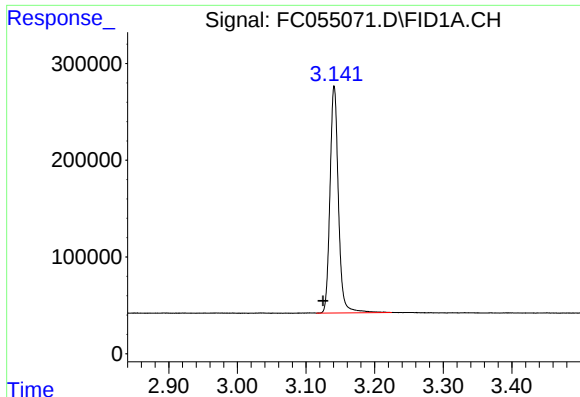
(m)=manual int.

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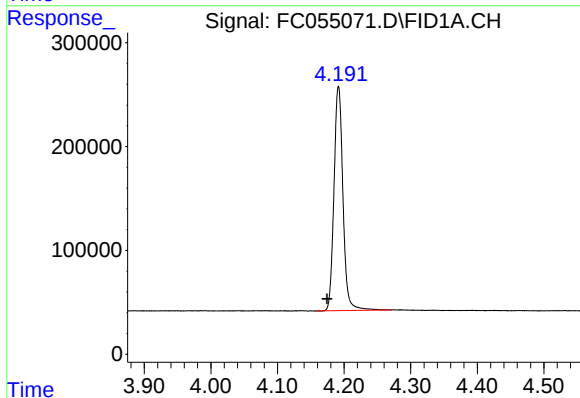
Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um





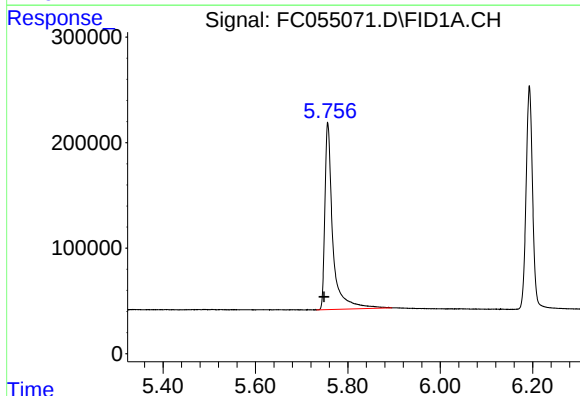
#1 n-Nonane (C9)

R.T.: 3.141 min
Delta R.T.: 0.016 min
Response: 2002785
Conc: 19.15 ug/ml



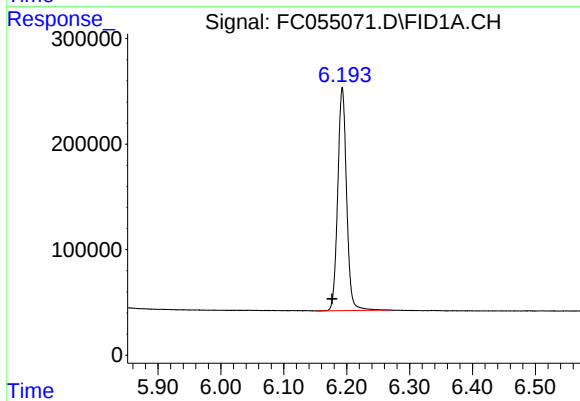
#2 n-Decane (C10)

R.T.: 4.192 min
Delta R.T.: 0.017 min
Response: 2025817
Conc: 19.24 ug/ml



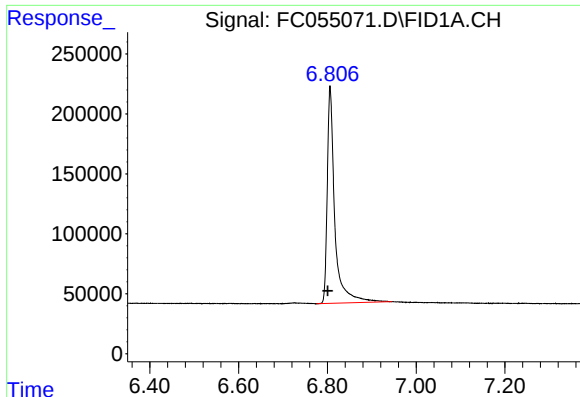
#3 A~Naphthalene (C11.7)

R.T.: 5.757 min
Delta R.T.: 0.008 min
Response: 2111572
Conc: 19.43 ug/ml



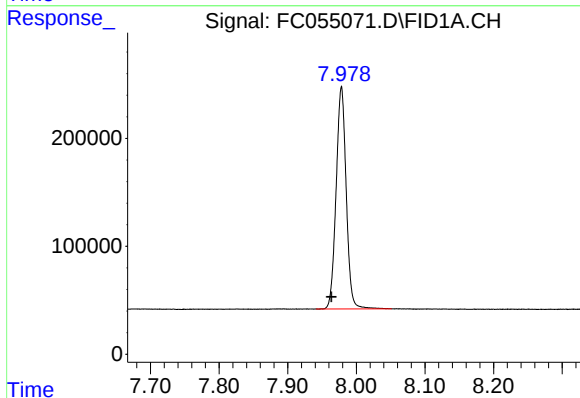
#4 n-Dodecane (C12)

R.T.: 6.193 min
Delta R.T.: 0.016 min
Response: 2074671
Conc: 19.11 ug/ml



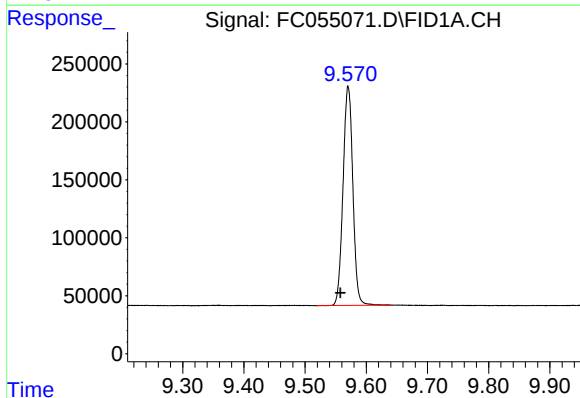
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.807 min
Delta R.T.: 0.006 min
Response: 2139657
Conc: 19.60 ug/ml



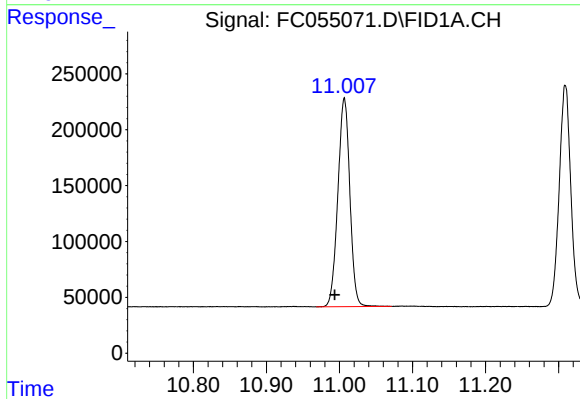
#6 n-Tetradecane (C14)

R.T.: 7.978 min
Delta R.T.: 0.014 min
Response: 2105170
Conc: 18.86 ug/ml



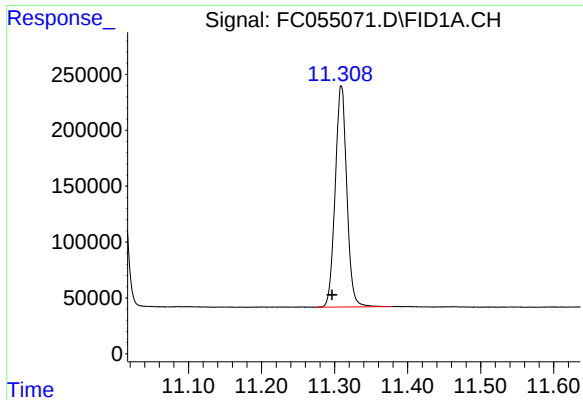
#7 n-Hexadecane (C16)

R.T.: 9.571 min
Delta R.T.: 0.013 min
Response: 2109654
Conc: 18.50 ug/ml



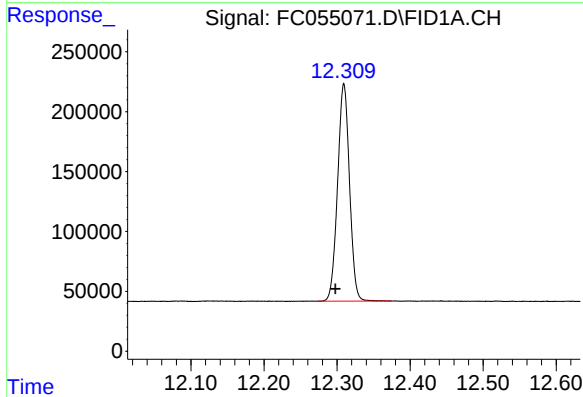
#8 n-Octadecane (C18)

R.T.: 11.007 min
Delta R.T.: 0.013 min
Response: 2127821
Conc: 18.04 ug/ml



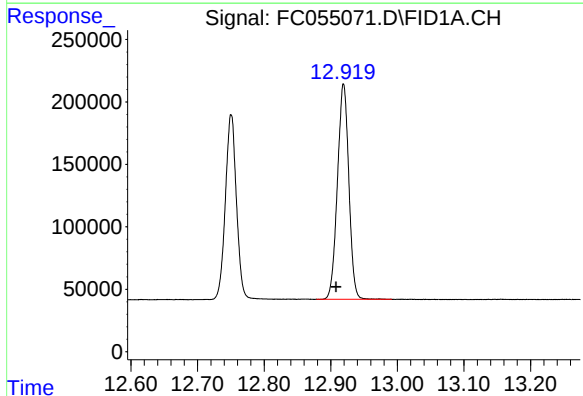
#9 ortho-Terphenyl (SURR)

R.T.: 11.309 min
Delta R.T.: 0.013 min
Response: 2190143
Conc: 17.40 ug/ml



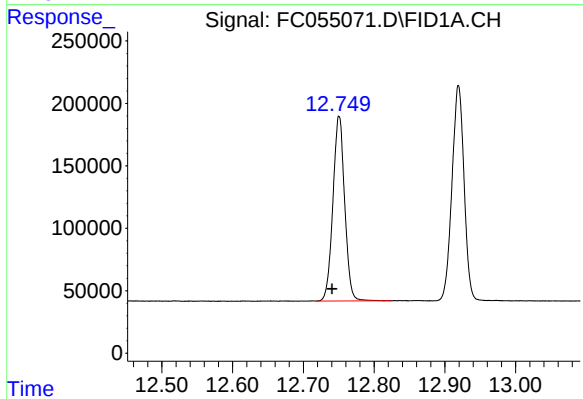
#10 n-Eicosane (C20)

R.T.: 12.309 min
Delta R.T.: 0.012 min
Response: 2057259
Conc: 17.52 ug/ml



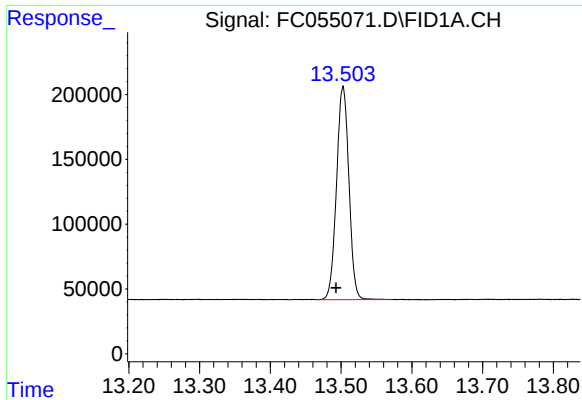
#11 n-Heneicosane (C21)

R.T.: 12.919 min
Delta R.T.: 0.011 min
Response: 2050183
Conc: 17.36 ug/ml



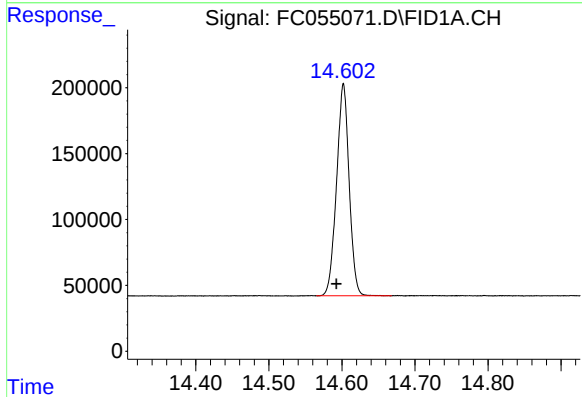
#12 1-chlorooctadecane (SURR)

R.T.: 12.751 min
Delta R.T.: 0.010 min
Response: 1708518
Conc: 17.24 ug/ml



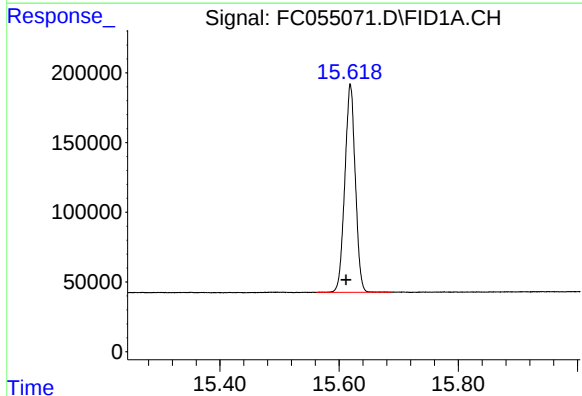
#13 n-Docosane (C22)

R.T.: 13.503 min
Delta R.T.: 0.010 min
Response: 1999116
Conc: 17.12 ug/ml



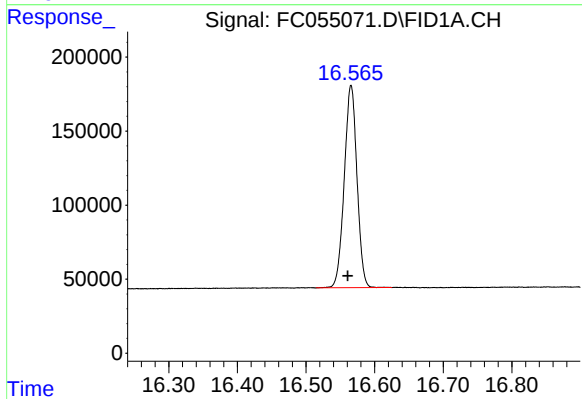
#14 n-Tetracosane (C24)

R.T.: 14.602 min
Delta R.T.: 0.009 min
Response: 1927397
Conc: 16.65 ug/ml



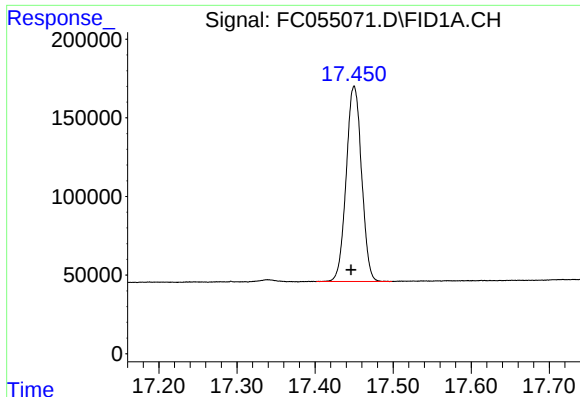
#15 n-Hexacosane (C26)

R.T.: 15.619 min
Delta R.T.: 0.007 min
Response: 1823351
Conc: 16.27 ug/ml



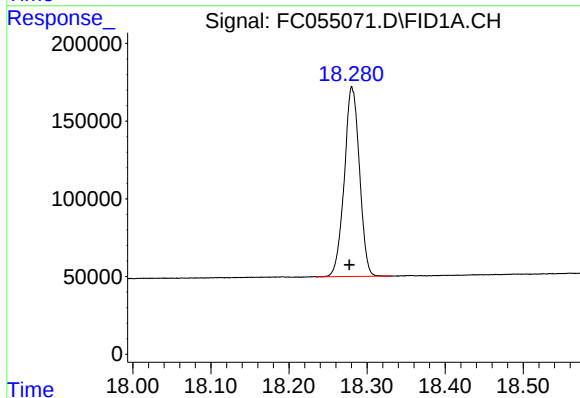
#16 n-Octacosane (C28)

R.T.: 16.566 min
Delta R.T.: 0.005 min
Response: 1756289
Conc: 16.18 ug/ml



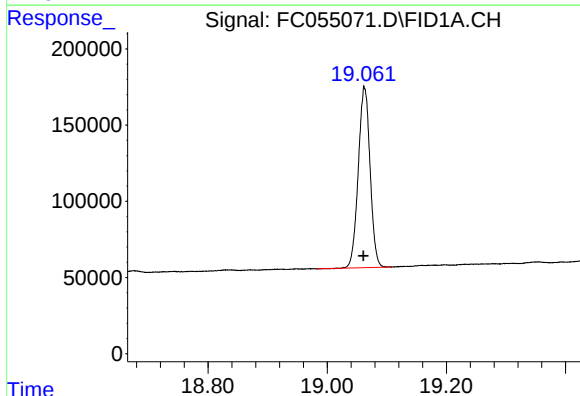
#17 n-Tricontane (C30)

R.T.: 17.450 min
Delta R.T.: 0.004 min
Response: 1695846
Conc: 16.24 ug/ml



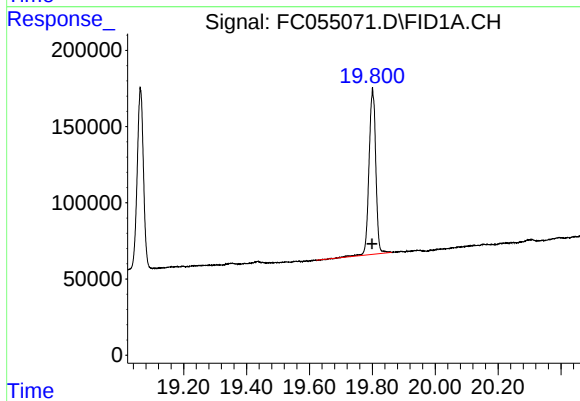
#18 n-Dotriacontane (C32)

R.T.: 18.281 min
Delta R.T.: 0.004 min
Response: 1647272
Conc: 16.63 ug/ml



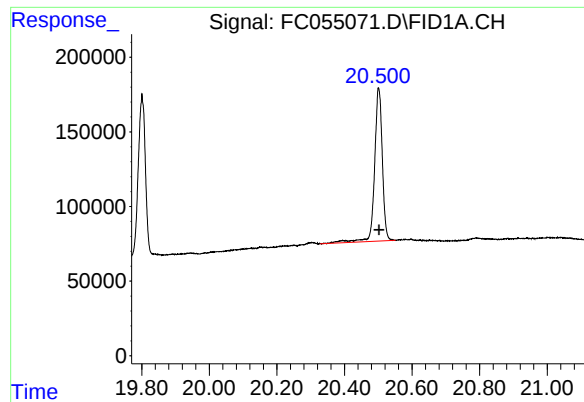
#19 n-Tetratriacontane (C34)

R.T.: 19.063 min
Delta R.T.: 0.002 min
Response: 1627171
Conc: 17.17 ug/ml



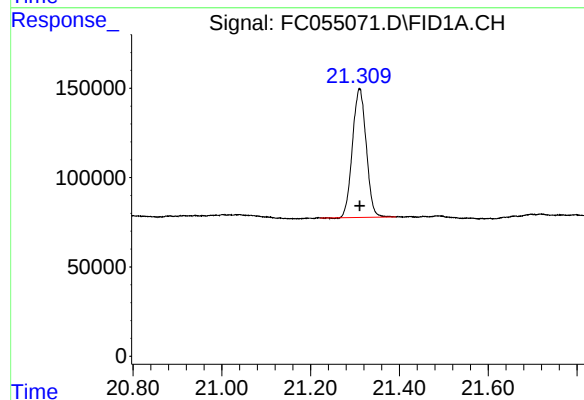
#20 n-Hexatriacontane (C36)

R.T.: 19.801 min
Delta R.T.: 0.002 min
Response: 1618593
Conc: 17.91 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.502 min
Delta R.T.: -0.001 min
Response: 1644696
Conc: 19.03 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.310 min
Delta R.T.: 0.000 min
Response: 1547966
Conc: 17.38 ug/ml