

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC031819AL\
 Data File : FC039976.D
 Signal(s) : FID1A.CH
 Acq On : 19 Mar 2019 10:55 am
 Operator : AJ\SJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: sample.E
 Quant Time: Mar 19 11:24:01 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 022219.M
 Quant Title : GC Extractables
 QLast Update : Mon Feb 25 18:21:16 2019
 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)	11.138	3136964	18.650 ug/ml
Spiked Amount 50.000		Recovery =	37.30%
12) S 1-chlorooctadecane (S...	12.584	2322782	18.414 ug/ml
Spiked Amount 50.000		Recovery =	36.83%
Target Compounds			
1) T n-Nonane (C9)	3.009	1649244	13.741 ug/ml
2) T n-Decane (C10)	4.059	1829531	15.186 ug/ml
3) T A~Naphthalene (C11.7)	5.610	2365451	18.178 ug/ml
4) T n-Dodecane (C12)	6.057	2155868	17.450 ug/ml
5) T A~2-methylnaphthalene...	6.655	2327119	17.944 ug/ml
6) T n-Tetradecane (C14)	7.833	2351309	18.461 ug/ml
7) T n-Hexadecane (C16)	9.418	2401982	18.535 ug/ml
8) T n-Octadecane (C18)	10.848	2381281	17.702 ug/ml
10) T n-Eicosane (C20)	12.148	2378726	18.242 ug/ml
11) T n-Heneicosane (C21)	12.755	2362711	18.630 ug/ml
13) T n-Docosane (C22)	13.338	2367750	18.797 ug/ml
14) T n-Tetracosane (C24)	14.433	2389129	19.115 ug/ml
15) T n-Hexacosane (C26)	15.448	2389500	19.157 ug/ml
16) T n-Octacosane (C28)	16.391	2400041	17.957 ug/ml
17) T n-Tricontane (C30)	17.275	2366262	16.124 ug/ml
18) T n-Dotriacontane (C32)	18.101	2233608	16.627 ug/ml
19) T n-Tetratriacontane (C34)	18.882	2047615	18.002 ug/mlm
20) T n-Hexatriacontane (C36)	19.617	1791997	18.580 ug/mlm
21) T n-Octatriacontane (C38)	20.313	1684963	18.351 ug/mlm
22) T n-Tetracontane (C40)	21.070	1520288	16.751 ug/ml

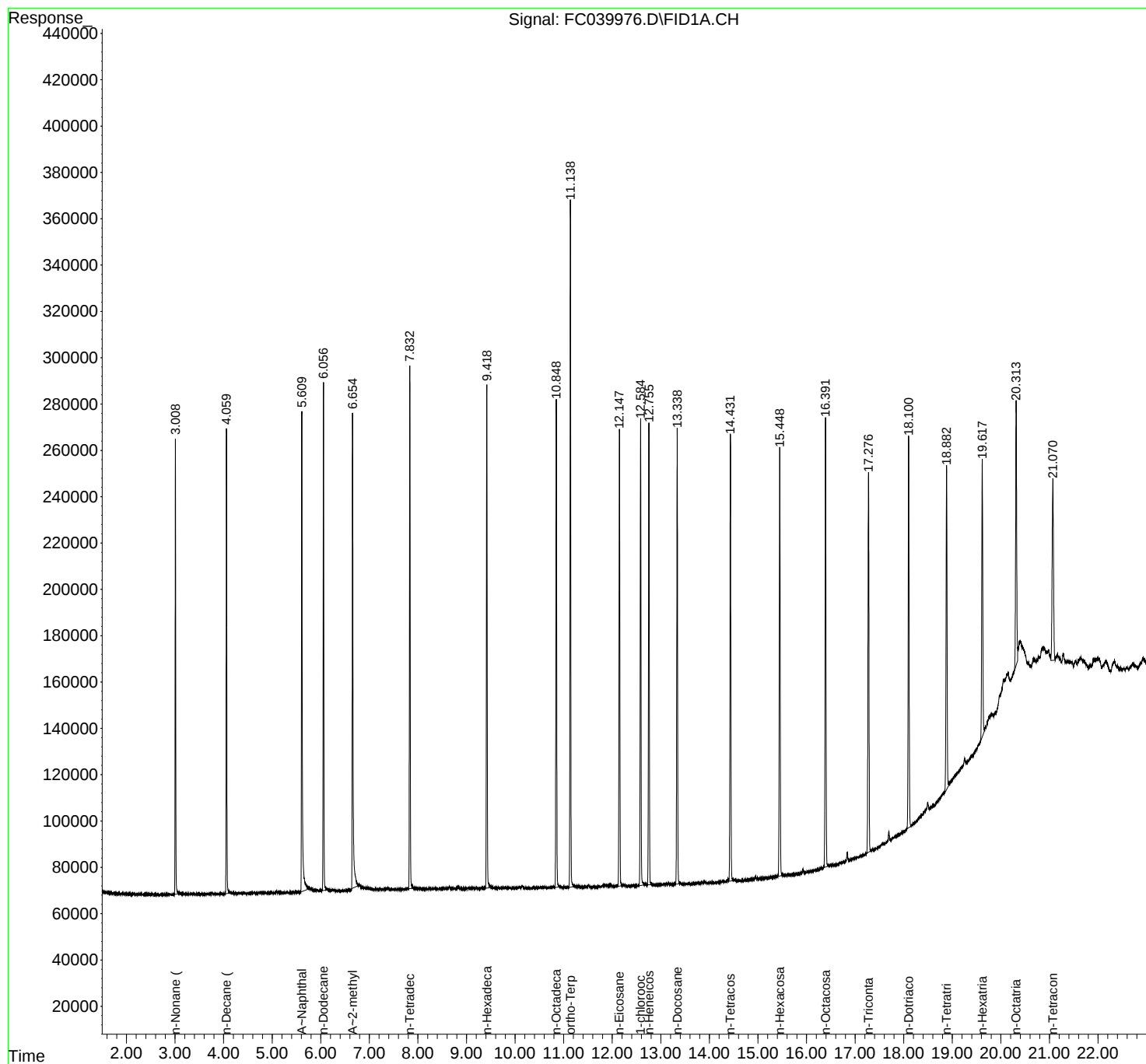
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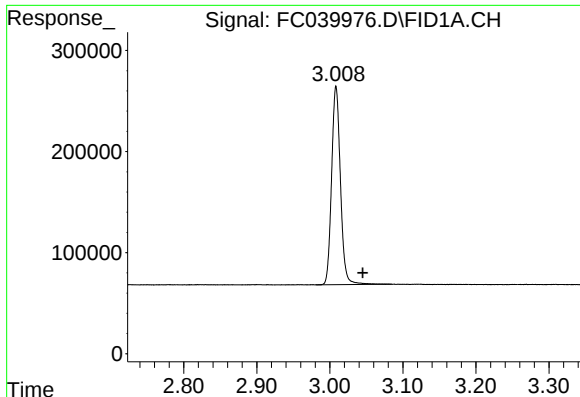
(m)=manual int.

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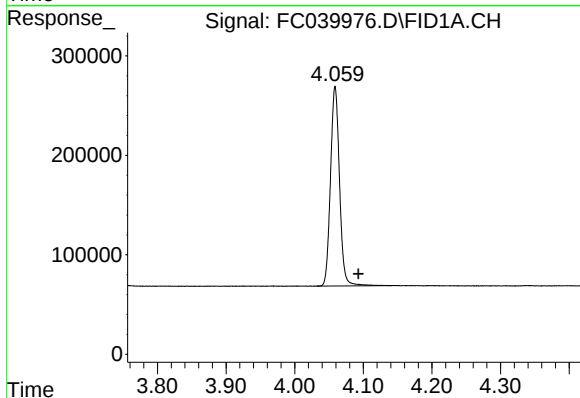
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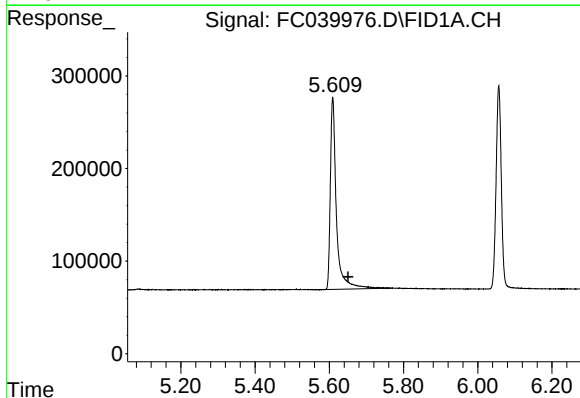
#1 n-Nonane (C9)

R.T.: 3.009 min
Delta R.T.: -0.036 min
Response: 1649244
Conc: 13.74 ug/ml



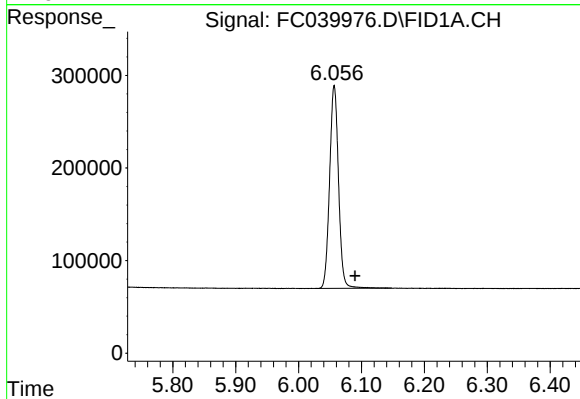
#2 n-Decane (C10)

R.T.: 4.059 min
Delta R.T.: -0.034 min
Response: 1829531
Conc: 15.19 ug/ml



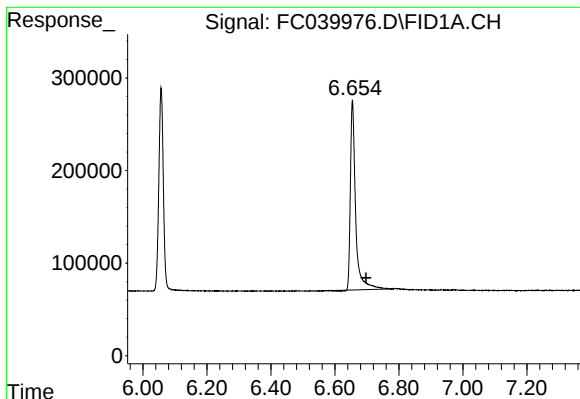
#3 A~Naphthalene (C11.7)

R.T.: 5.610 min
Delta R.T.: -0.041 min
Response: 2365451
Conc: 18.18 ug/ml



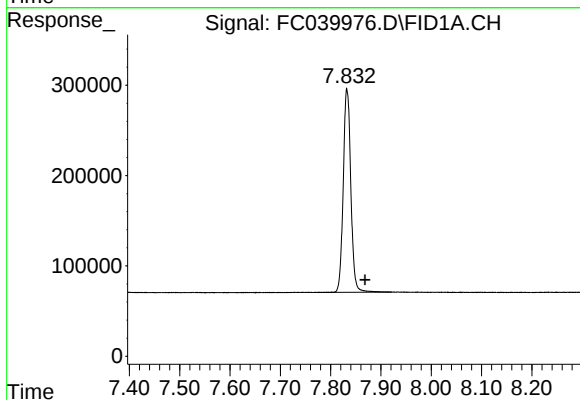
#4 n-Dodecane (C12)

R.T.: 6.057 min
Delta R.T.: -0.033 min
Response: 2155868
Conc: 17.45 ug/ml



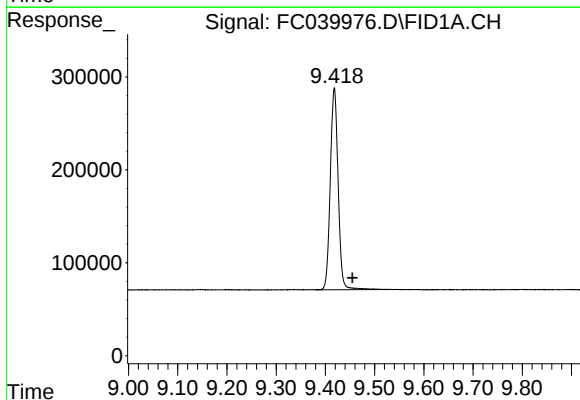
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.655 min
Delta R.T.: -0.042 min
Response: 2327119
Conc: 17.94 ug/ml



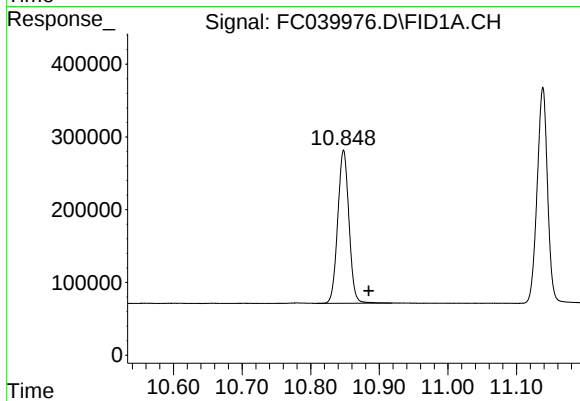
#6 n-Tetradecane (C14)

R.T.: 7.833 min
Delta R.T.: -0.035 min
Response: 2351309
Conc: 18.46 ug/ml



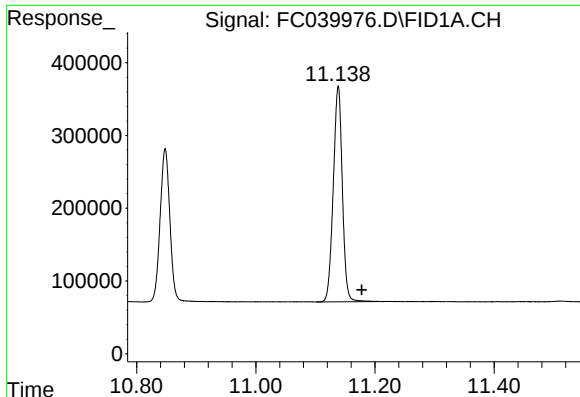
#7 n-Hexadecane (C16)

R.T.: 9.418 min
Delta R.T.: -0.037 min
Response: 2401982
Conc: 18.54 ug/ml



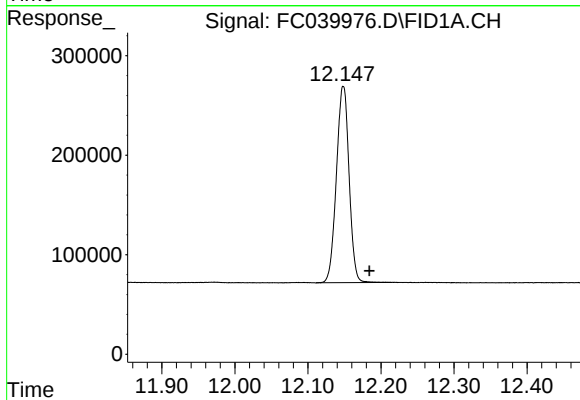
#8 n-Octadecane (C18)

R.T.: 10.848 min
Delta R.T.: -0.037 min
Response: 2381281
Conc: 17.70 ug/ml



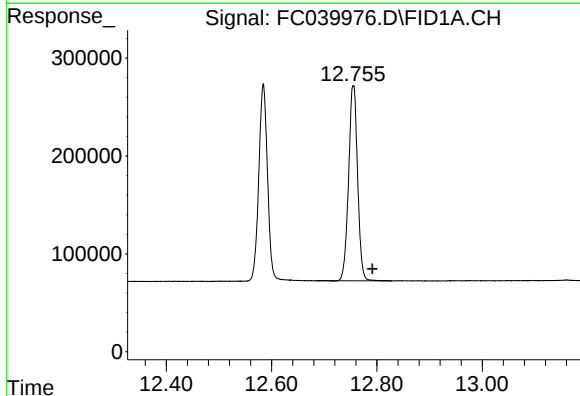
#9 ortho-Terphenyl (SURR)

R.T.: 11.138 min
Delta R.T.: -0.040 min
Response: 3136964
Conc: 18.65 ug/ml



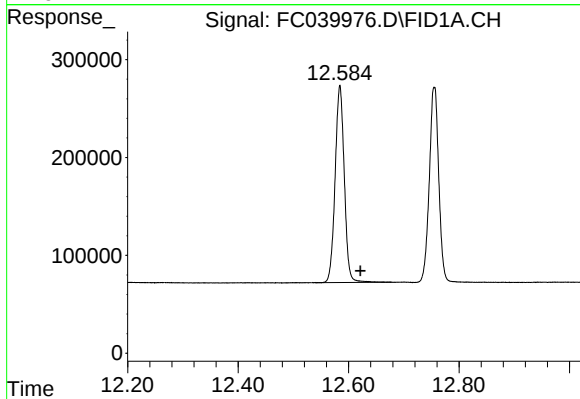
#10 n-Eicosane (C20)

R.T.: 12.148 min
Delta R.T.: -0.036 min
Response: 2378726
Conc: 18.24 ug/ml



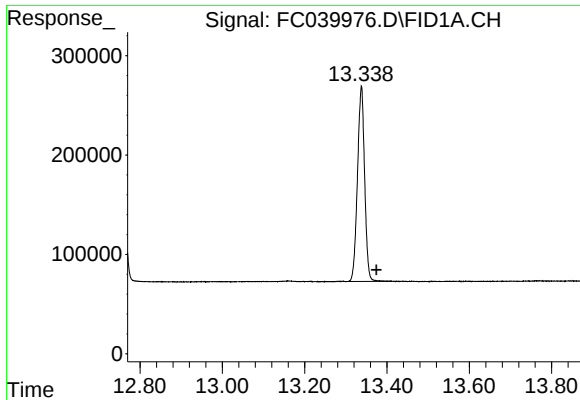
#11 n-Heneicosane (C21)

R.T.: 12.755 min
Delta R.T.: -0.036 min
Response: 2362711
Conc: 18.63 ug/ml



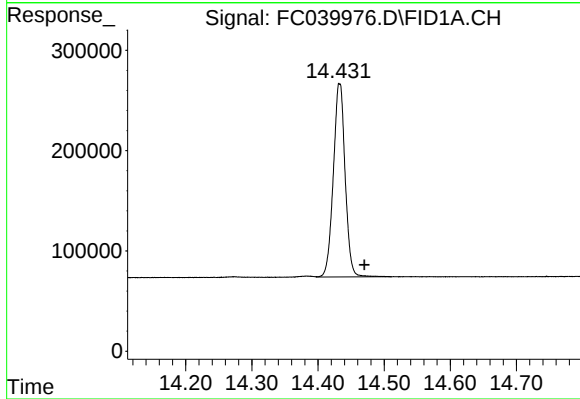
#12 1-chlorooctadecane (SURR)

R.T.: 12.584 min
Delta R.T.: -0.037 min
Response: 2322782
Conc: 18.41 ug/ml



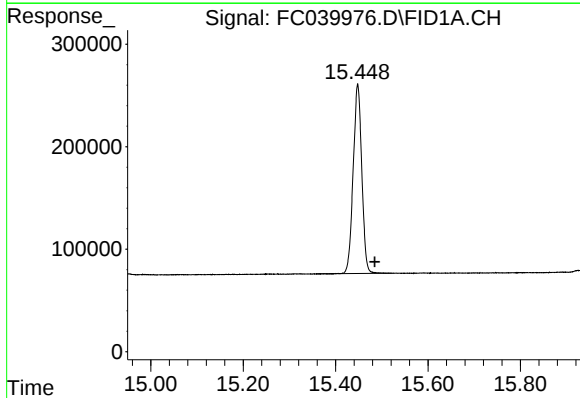
#13 n-Docosane (C22)

R.T.: 13.338 min
Delta R.T.: -0.037 min
Response: 2367750
Conc: 18.80 ug/ml



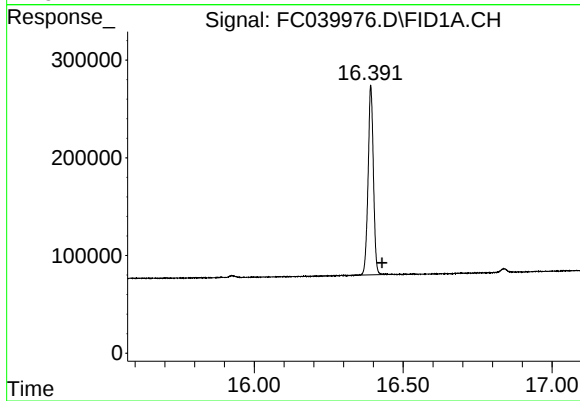
#14 n-Tetracosane (C24)

R.T.: 14.433 min
Delta R.T.: -0.037 min
Response: 2389129
Conc: 19.12 ug/ml



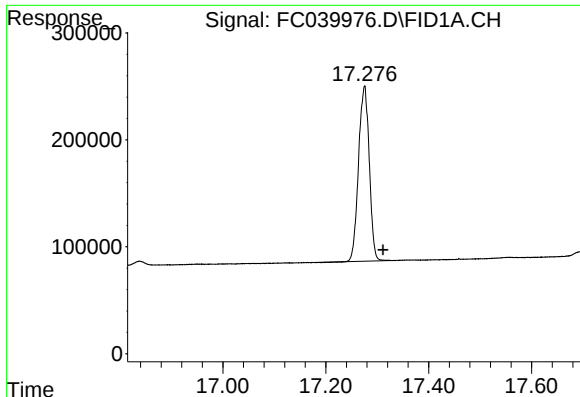
#15 n-Hexacosane (C26)

R.T.: 15.448 min
Delta R.T.: -0.037 min
Response: 2389500
Conc: 19.16 ug/ml



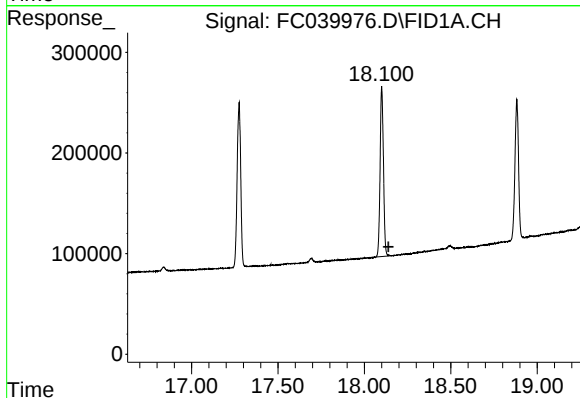
#16 n-Octacosane (C28)

R.T.: 16.391 min
Delta R.T.: -0.037 min
Response: 2400041
Conc: 17.96 ug/ml



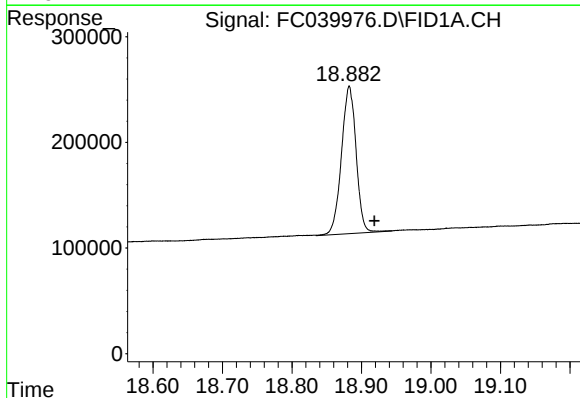
#17 n-Tricontane (C30)

R.T.: 17.275 min
Delta R.T.: -0.037 min
Response: 2366262
Conc: 16.12 ug/ml



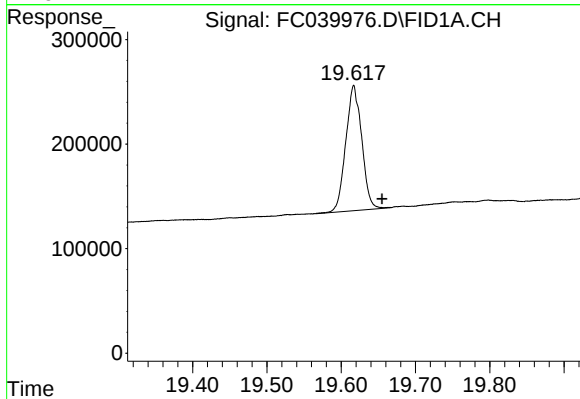
#18 n-Dotriacontane (C32)

R.T.: 18.101 min
Delta R.T.: -0.039 min
Response: 2233608
Conc: 16.63 ug/ml



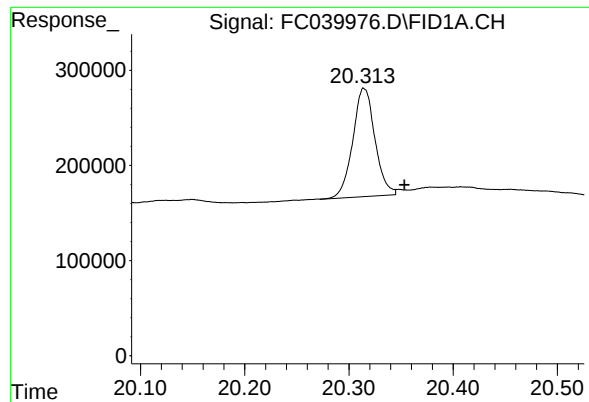
#19 n-Tetratriacontane (C34)

R.T.: 18.882 min
Delta R.T.: -0.037 min
Response: 2047615
Conc: 18.00 ug/ml m



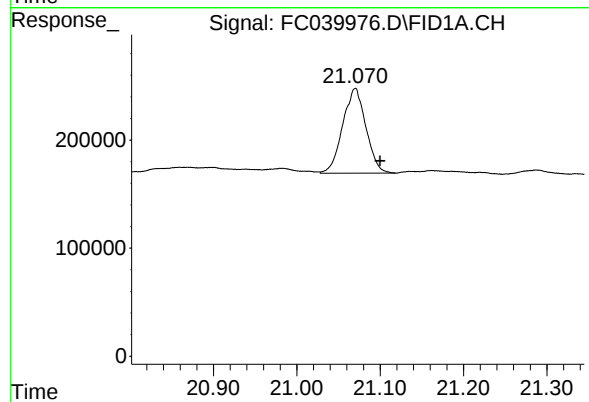
#20 n-Hexatriacontane (C36)

R.T.: 19.617 min
Delta R.T.: -0.038 min
Response: 1791997
Conc: 18.58 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 20.313 min
Delta R.T.: -0.040 min
Response: 1684963
Conc: 18.35 ug/ml m



#22 n-Tetracontane (C40)

R.T.: 21.070 min
Delta R.T.: -0.030 min
Response: 1520288
Conc: 16.75 ug/ml