

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC031720AL\
 Data File : FC046369.D
 Signal(s) : FID1A.CH
 Acq On : 17 Mar 2020 16:37
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Mar 18 01:00:03 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 022120.M
 Quant Title : GC Extractables
 QLast Update : Sat Feb 22 03:16:45 2020
 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)	11.755	2288147	20.058 ug/ml
Spiked Amount 50.000		Recovery =	40.12%
12) S 1-chlorooctadecane (S...	13.173	1766284	19.689 ug/ml
Spiked Amount 50.000		Recovery =	39.38%
Target Compounds			
1) T n-Nonane (C9)	3.538	2221199	22.035 ug/ml
2) T n-Decane (C10)	4.607	2267669	22.483 ug/ml
3) T A~Naphthalene (C11.7)	6.206	2347400	21.141 ug/ml
4) T n-Dodecane (C12)	6.615	2289810	22.445 ug/ml
5) T A~2-methylnaphthalene...	7.256	2350897	21.134 ug/ml
6) T n-Tetradecane (C14)	8.397	2252895	22.008 ug/ml
7) T n-Hexadecane (C16)	9.990	2219474	21.437 ug/ml
8) T n-Octadecane (C18)	11.424	2199069	20.919 ug/ml
10) T n-Eicosane (C20)	12.727	2156301	20.398 ug/ml
11) T n-Heneicosane (C21)	13.336	2139749	20.062 ug/ml
13) T n-Docosane (C22)	13.919	2123619	19.986 ug/ml
14) T n-Tetracosane (C24)	15.016	2131805	19.918 ug/ml
15) T n-Hexacosane (C26)	16.033	2110282	19.855 ug/ml
16) T n-Octacosane (C28)	16.978	2099501	20.053 ug/ml
17) T n-Tricontane (C30)	17.861	2039154	20.235 ug/ml
18) T n-Dotriacontane (C32)	18.689	1754723	20.503 ug/ml
19) T n-Tetratriacontane (C34)	19.468	1511915	20.831 ug/ml
20) T n-Hexatriacontane (C36)	20.204	1413868	20.906 ug/ml
21) T n-Octatriacontane (C38)	20.966	1377110	22.784 ug/ml
22) T n-Tetracontane (C40)	21.924	1404465	22.339 ug/ml

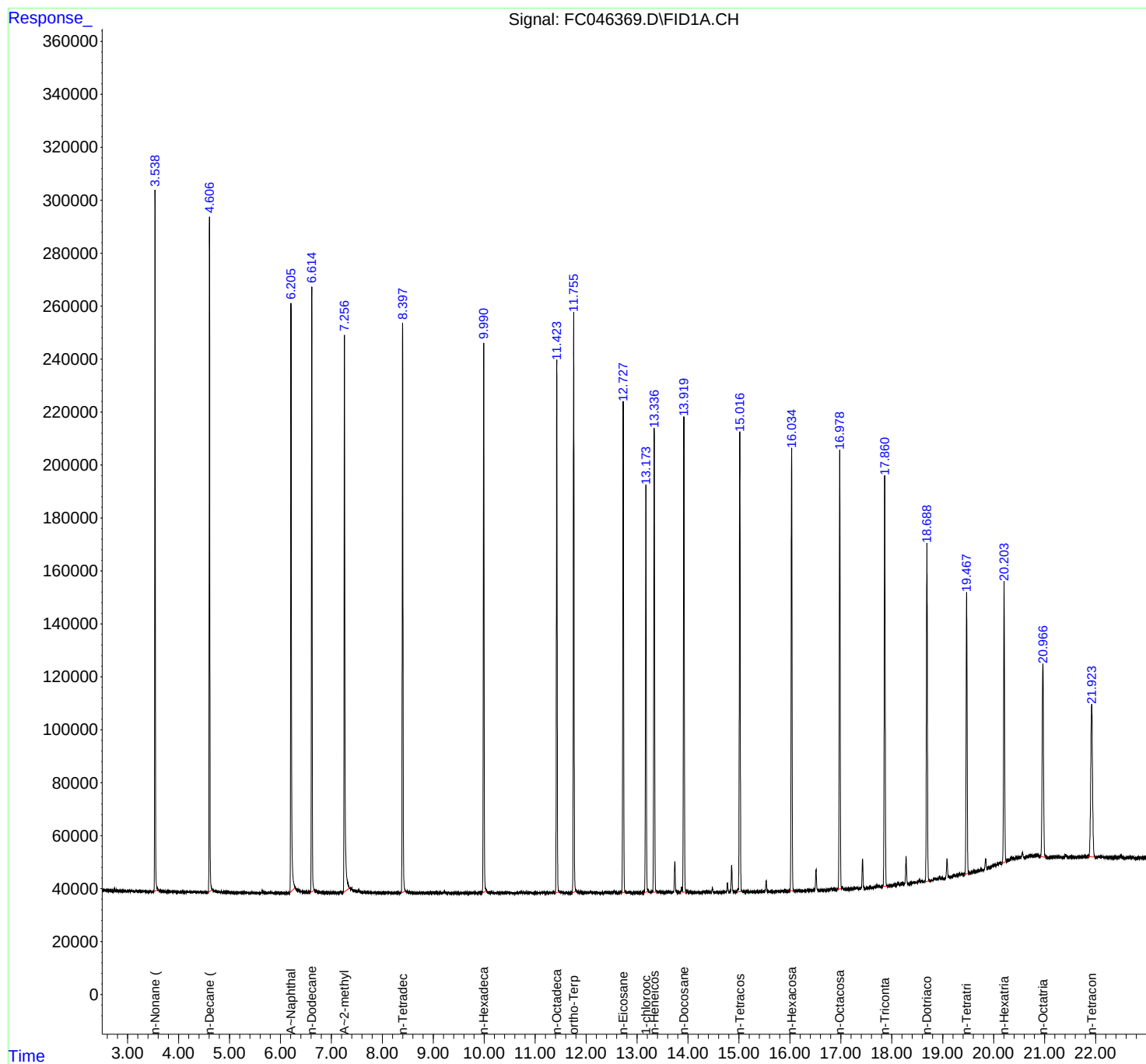
(f)=RT Delta > 1/2 Window

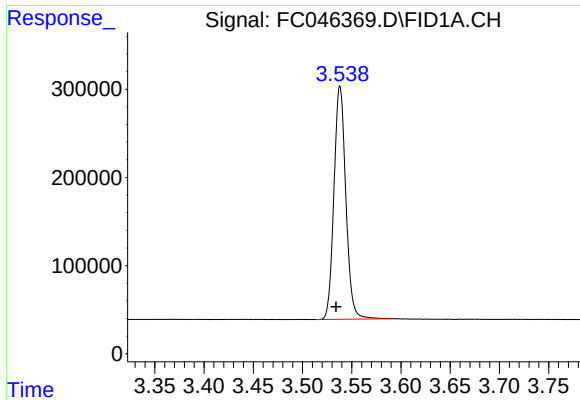
(m)=manual int.

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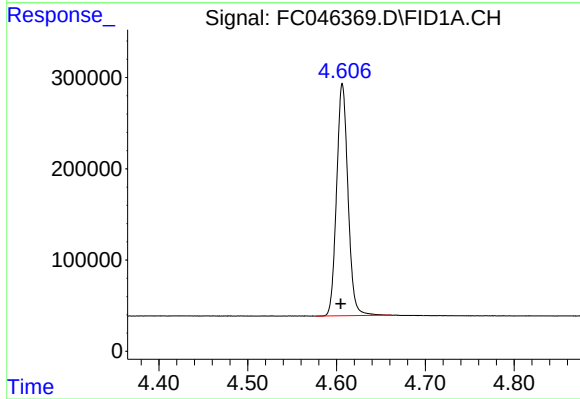
Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um





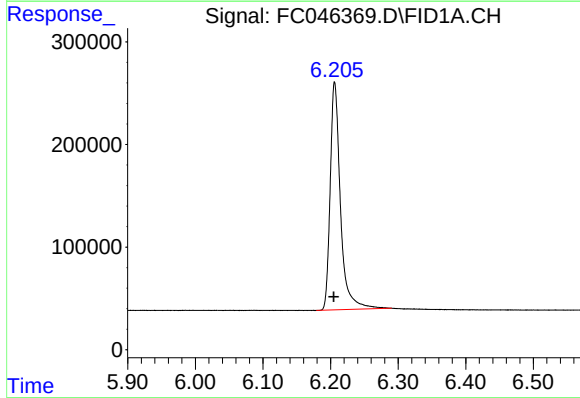
#1 n-Nonane (C9)

R.T.: 3.538 min
Delta R.T.: 0.004 min
Response: 2221199
Conc: 22.04 ug/ml



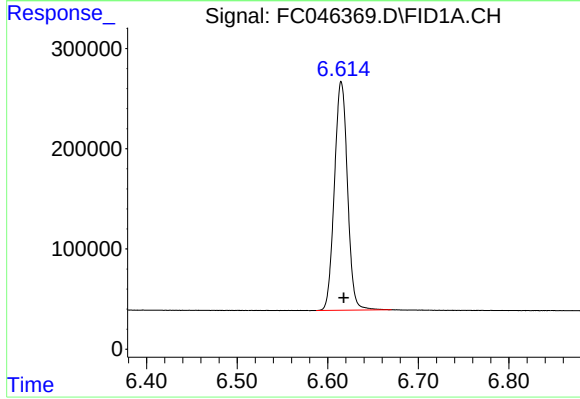
#2 n-Decane (C10)

R.T.: 4.607 min
Delta R.T.: 0.002 min
Response: 2267669
Conc: 22.48 ug/ml



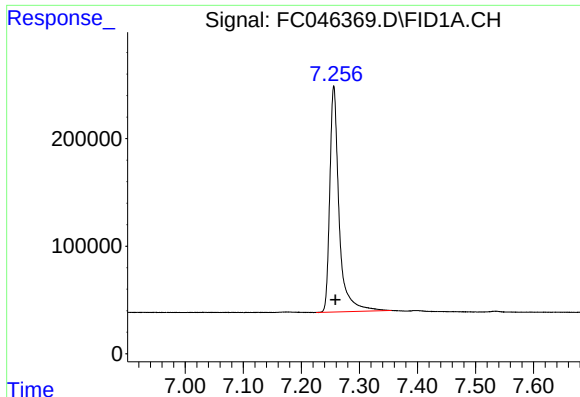
#3 A~Naphthalene (C11.7)

R.T.: 6.206 min
Delta R.T.: 0.001 min
Response: 2347400
Conc: 21.14 ug/ml



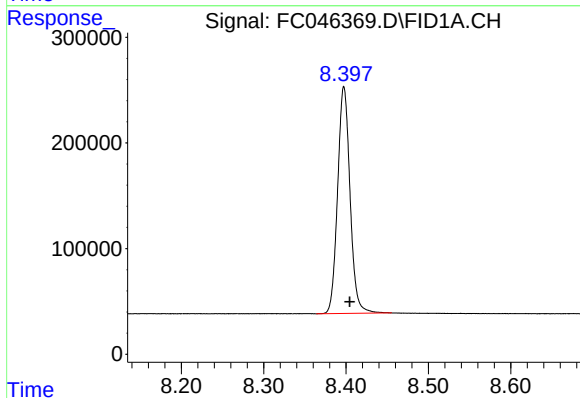
#4 n-Dodecane (C12)

R.T.: 6.615 min
Delta R.T.: -0.002 min
Response: 2289810
Conc: 22.44 ug/ml



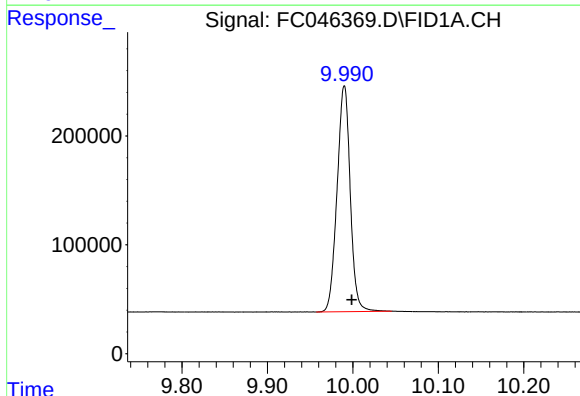
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.256 min
Delta R.T.: -0.002 min
Response: 2350897
Conc: 21.13 ug/ml



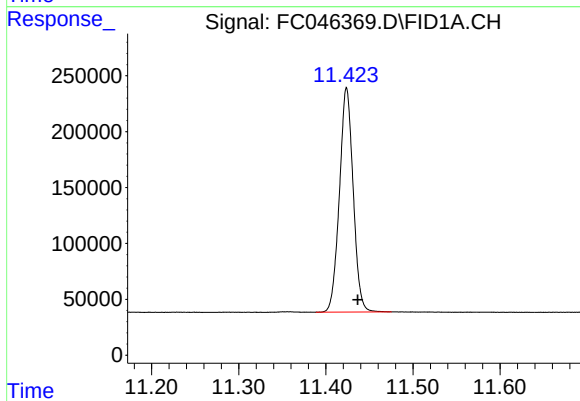
#6 n-Tetradecane (C14)

R.T.: 8.397 min
Delta R.T.: -0.007 min
Response: 2252895
Conc: 22.01 ug/ml



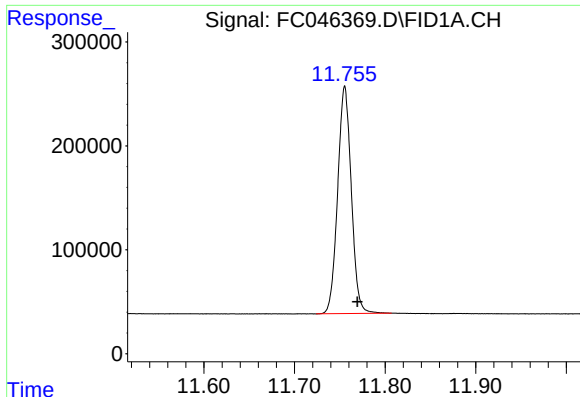
#7 n-Hexadecane (C16)

R.T.: 9.990 min
Delta R.T.: -0.009 min
Response: 2219474
Conc: 21.44 ug/ml



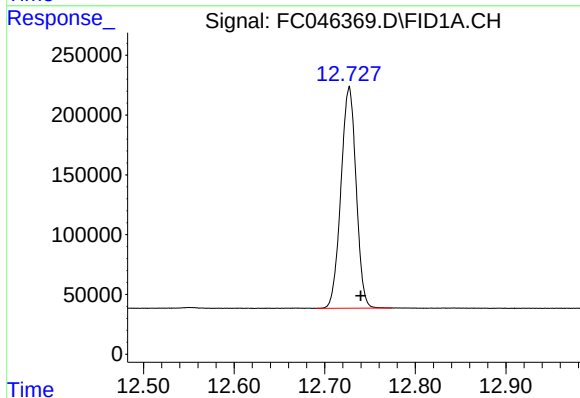
#8 n-Octadecane (C18)

R.T.: 11.424 min
Delta R.T.: -0.013 min
Response: 2199069
Conc: 20.92 ug/ml



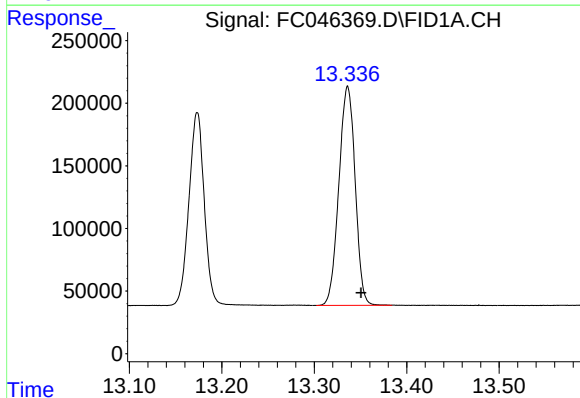
#9 ortho-Terphenyl (SURR)

R.T.: 11.755 min
Delta R.T.: -0.014 min
Response: 2288147
Conc: 20.06 ug/ml



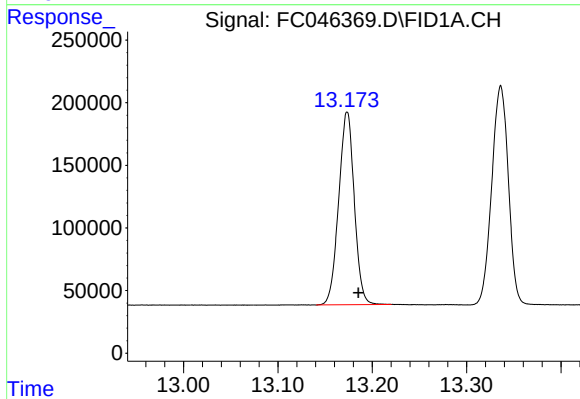
#10 n-Eicosane (C20)

R.T.: 12.727 min
Delta R.T.: -0.013 min
Response: 2156301
Conc: 20.40 ug/ml



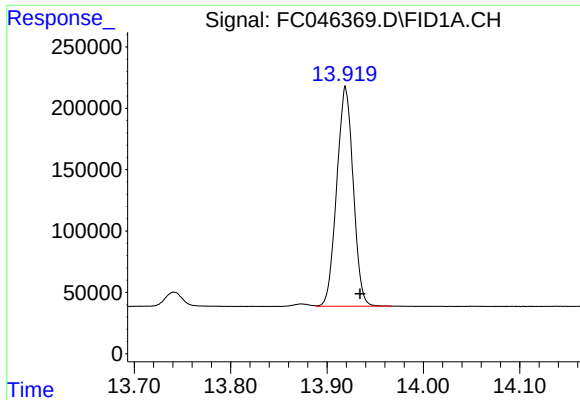
#11 n-Heneicosane (C21)

R.T.: 13.336 min
Delta R.T.: -0.014 min
Response: 2139749
Conc: 20.06 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.173 min
Delta R.T.: -0.012 min
Response: 1766284
Conc: 19.69 ug/ml



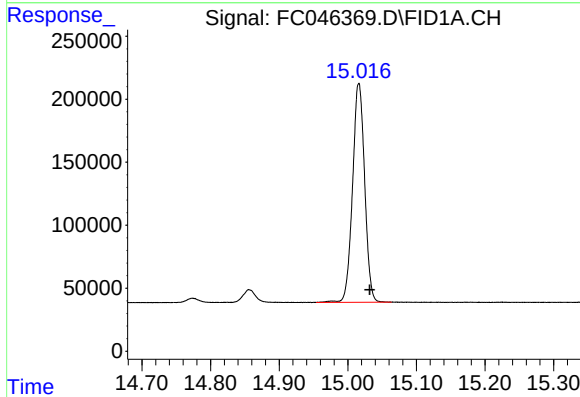
#13 n-Docosane (C22)

R.T.: 13.919 min

Delta R.T.: -0.015 min

Response: 2123619

Conc: 19.99 ug/ml



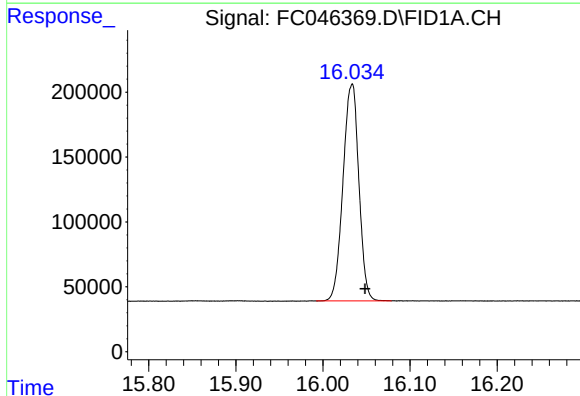
#14 n-Tetracosane (C24)

R.T.: 15.016 min

Delta R.T.: -0.016 min

Response: 2131805

Conc: 19.92 ug/ml



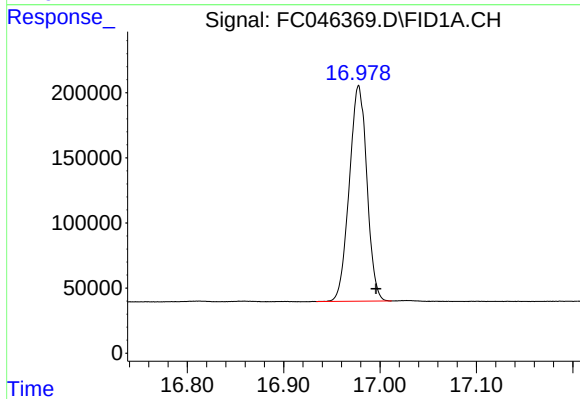
#15 n-Hexacosane (C26)

R.T.: 16.033 min

Delta R.T.: -0.015 min

Response: 2110282

Conc: 19.86 ug/ml



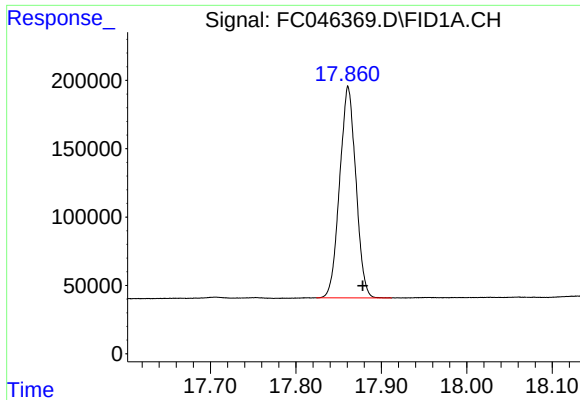
#16 n-Octacosane (C28)

R.T.: 16.978 min

Delta R.T.: -0.018 min

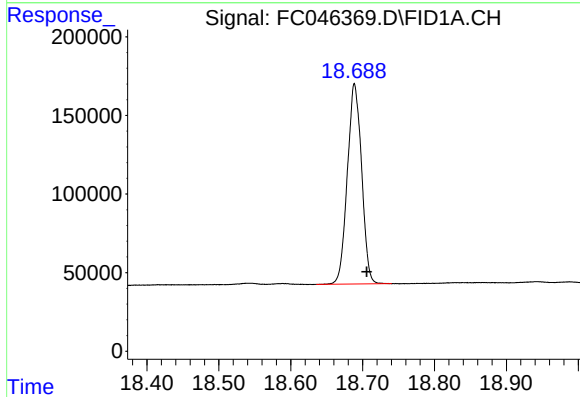
Response: 2099501

Conc: 20.05 ug/ml



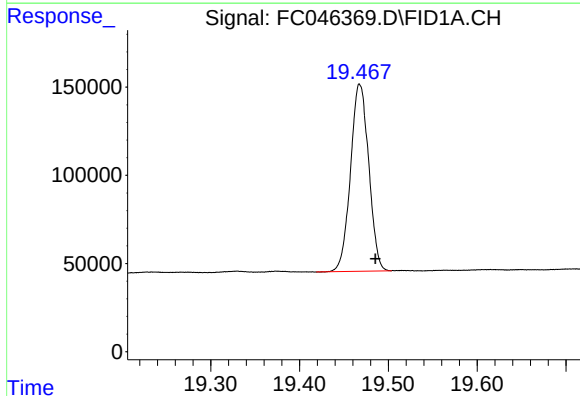
#17 n-Tricontane (C30)

R.T.: 17.861 min
Delta R.T.: -0.017 min
Response: 2039154
Conc: 20.24 ug/ml



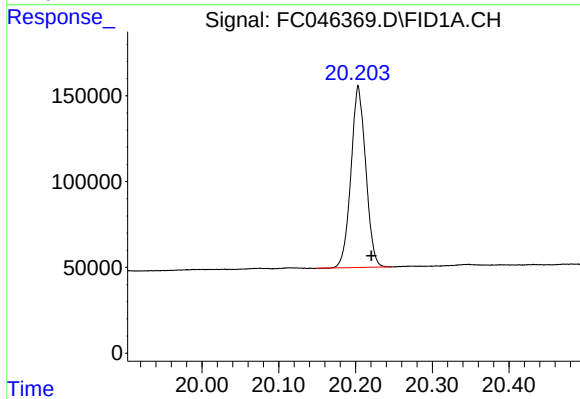
#18 n-Dotriacontane (C32)

R.T.: 18.689 min
Delta R.T.: -0.017 min
Response: 1754723
Conc: 20.50 ug/ml



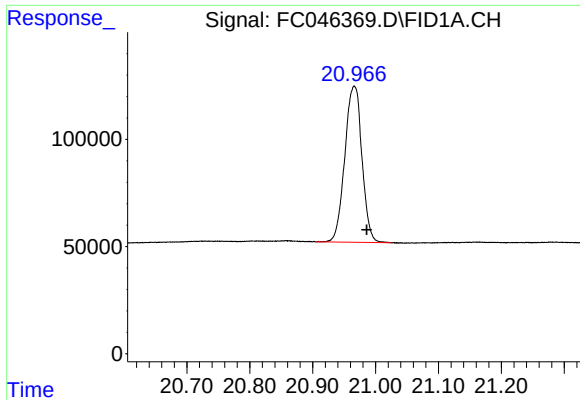
#19 n-Tetratriacontane (C34)

R.T.: 19.468 min
Delta R.T.: -0.018 min
Response: 1511915
Conc: 20.83 ug/ml



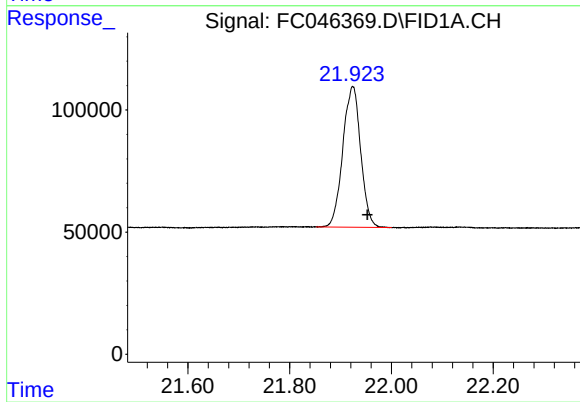
#20 n-Hexatriacontane (C36)

R.T.: 20.204 min
Delta R.T.: -0.017 min
Response: 1413868
Conc: 20.91 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.966 min
Delta R.T.: -0.020 min
Response: 1377110
Conc: 22.78 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.924 min
Delta R.T.: -0.029 min
Response: 1404465
Conc: 22.34 ug/ml