

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC032020AL\
 Data File : FC046438.D
 Signal(s) : FID1A.CH
 Acq On : 20 Mar 2020 13:25
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Mar 20 23:59:05 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	2310237	20.251 ug/ml
Spiked Amount 50.000		Recovery =	40.50%
12) S 1-chlorooctadecane (S...	13.172	1775131	19.788 ug/ml
Spiked Amount 50.000		Recovery =	39.58%
Target Compounds			
1) T n-Nonane (C9)	3.538	2200839	21.833 ug/ml
2) T n-Decane (C10)	4.606	2273151	22.537 ug/ml
3) T A~Naphthalene (C11.7)	6.206	2343639	21.107 ug/ml
4) T n-Dodecane (C12)	6.615	2304382	22.588 ug/ml
5) T A~2-methylnaphthalene...	7.257	2333558	20.978 ug/ml
6) T n-Tetradecane (C14)	8.398	2270497	22.180 ug/ml
7) T n-Hexadecane (C16)	9.990	2246022	21.693 ug/ml
8) T n-Octadecane (C18)	11.424	2220610	21.124 ug/ml
10) T n-Eicosane (C20)	12.725	2175619	20.581 ug/ml
11) T n-Heneicosane (C21)	13.335	2160110	20.253 ug/ml
13) T n-Docosane (C22)	13.918	2145662	20.193 ug/ml
14) T n-Tetracosane (C24)	15.015	2156427	20.148 ug/ml
15) T n-Hexacosane (C26)	16.032	2143061	20.163 ug/ml
16) T n-Octacosane (C28)	16.977	2144247	20.481 ug/ml
17) T n-Tricontane (C30)	17.862	2112073	20.959 ug/ml
18) T n-Dotriacontane (C32)	18.689	1826049	21.336 ug/ml
19) T n-Tetratriacontane (C34)	19.469	1559249	21.484 ug/ml
20) T n-Hexatriacontane (C36)	20.203	1450161	21.443 ug/ml
21) T n-Octatriacontane (C38)	20.966	1387283	22.952 ug/ml
22) T n-Tetracontane (C40)	21.924	1418683	22.565 ug/ml

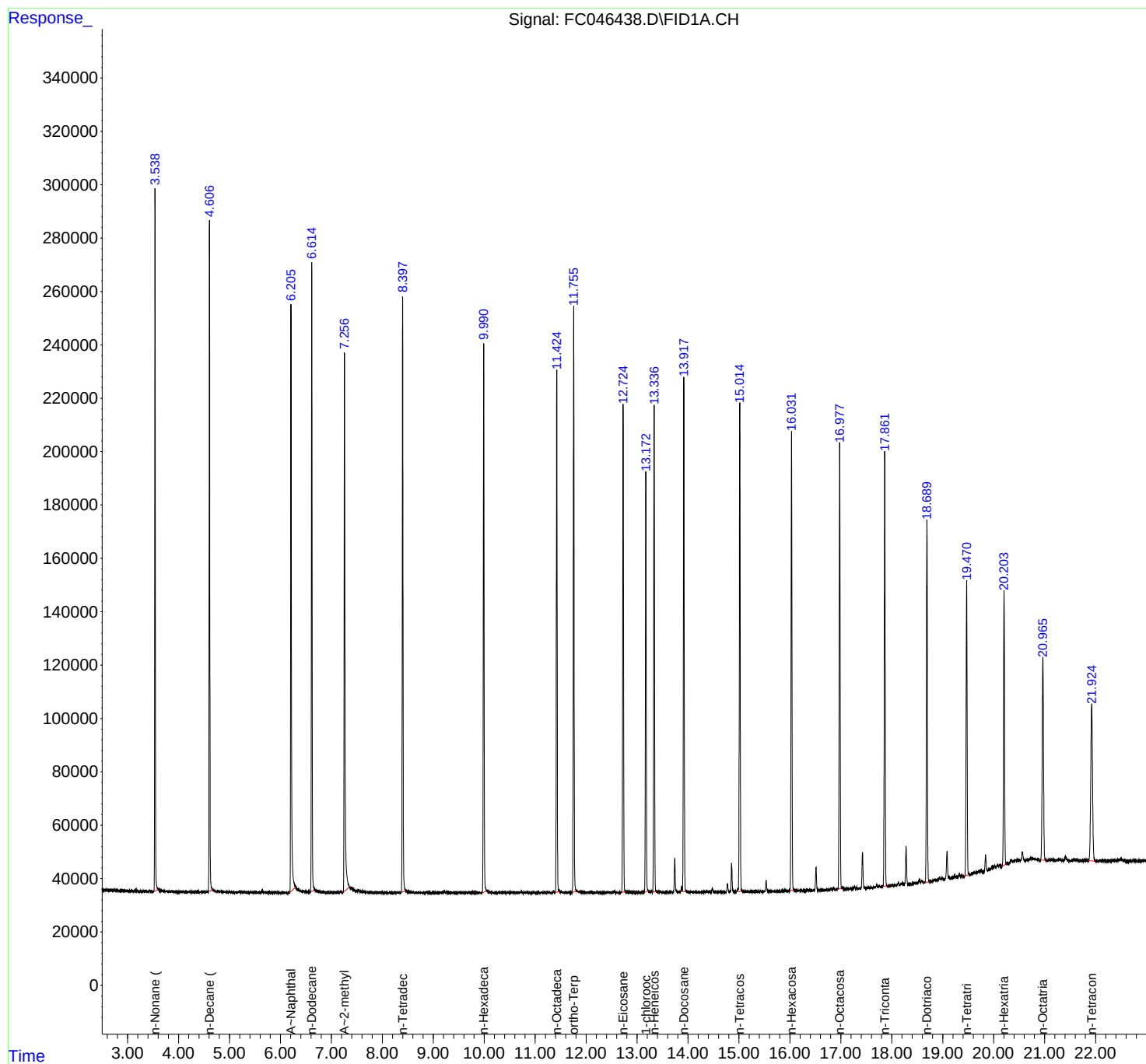
(f)=RT Delta > 1/2 Window

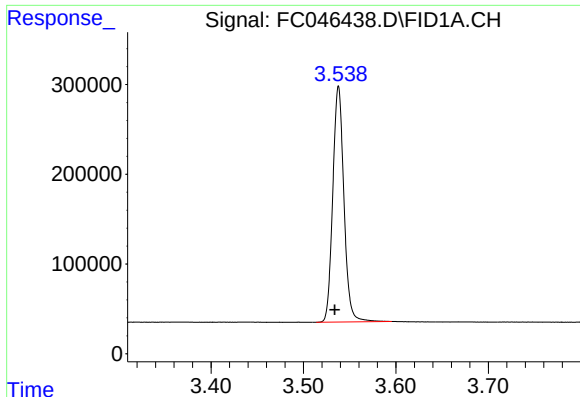
(m)=manual int.

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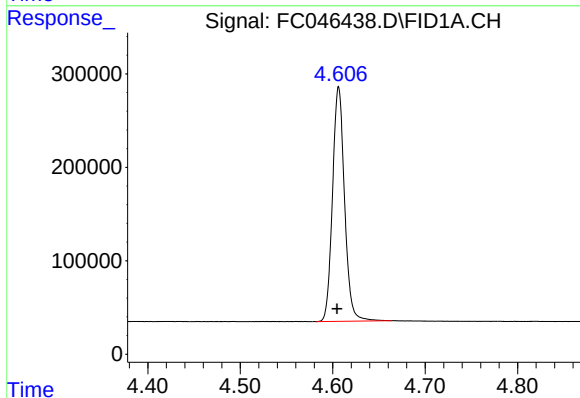
Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um





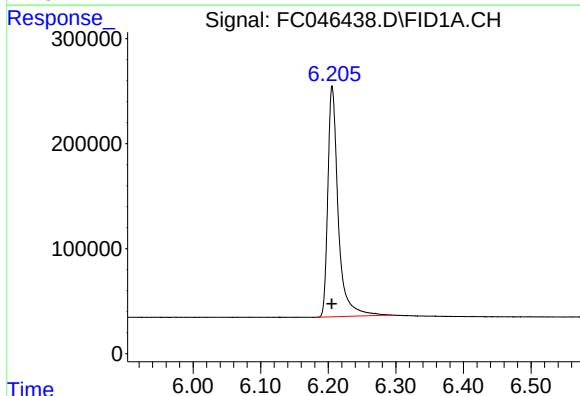
#1 n-Nonane (C9)

R.T.: 3.538 min
Delta R.T.: 0.004 min
Response: 2200839
Conc: 21.83 ug/ml



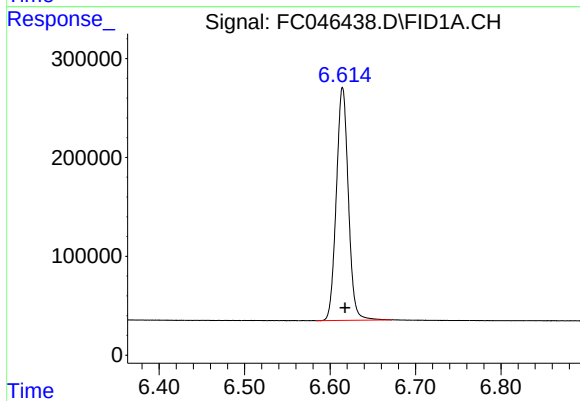
#2 n-Decane (C10)

R.T.: 4.606 min
Delta R.T.: 0.002 min
Response: 2273151
Conc: 22.54 ug/ml



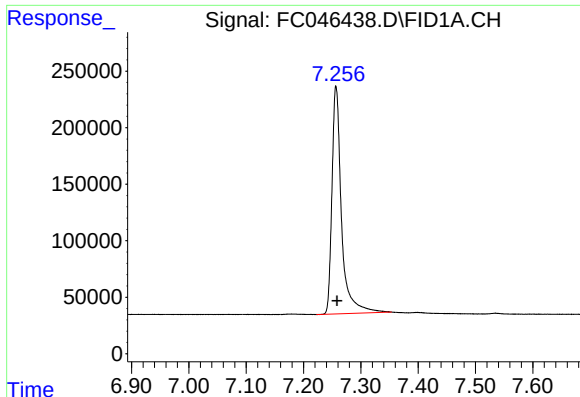
#3 A~Naphthalene (C11.7)

R.T.: 6.206 min
Delta R.T.: 0.000 min
Response: 2343639
Conc: 21.11 ug/ml



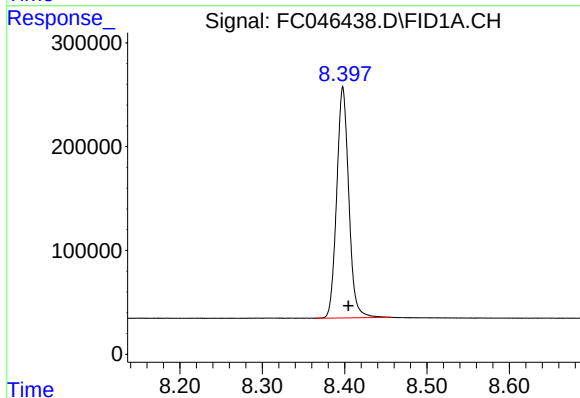
#4 n-Dodecane (C12)

R.T.: 6.615 min
Delta R.T.: -0.003 min
Response: 2304382
Conc: 22.59 ug/ml



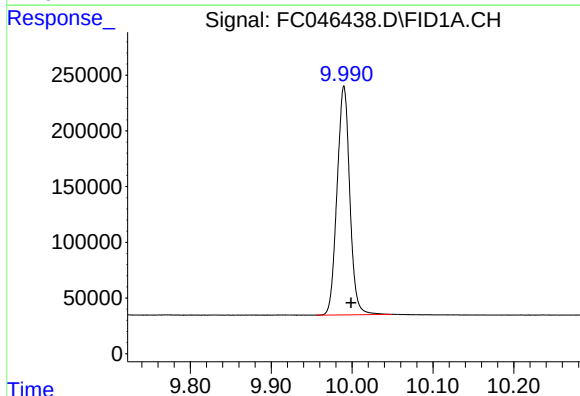
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.257 min
Delta R.T.: -0.002 min
Response: 2333558
Conc: 20.98 ug/ml



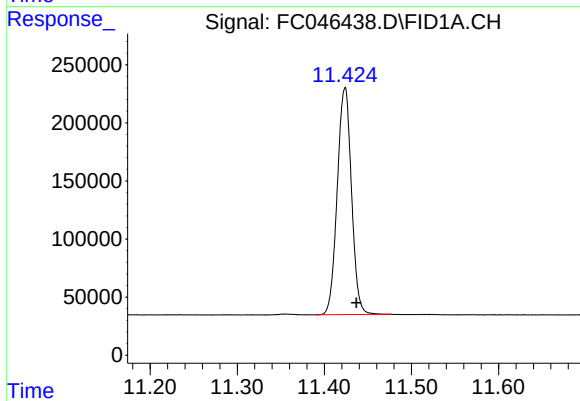
#6 n-Tetradecane (C14)

R.T.: 8.398 min
Delta R.T.: -0.007 min
Response: 2270497
Conc: 22.18 ug/ml



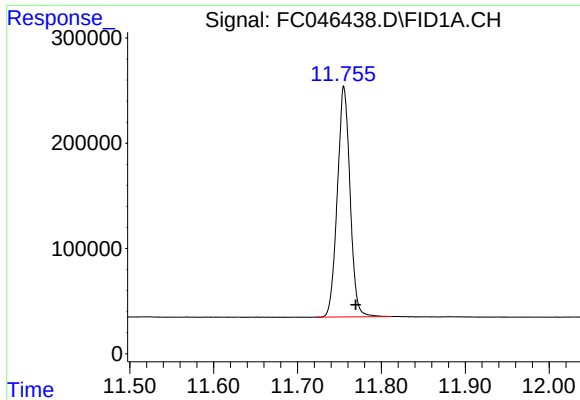
#7 n-Hexadecane (C16)

R.T.: 9.990 min
Delta R.T.: -0.009 min
Response: 2246022
Conc: 21.69 ug/ml



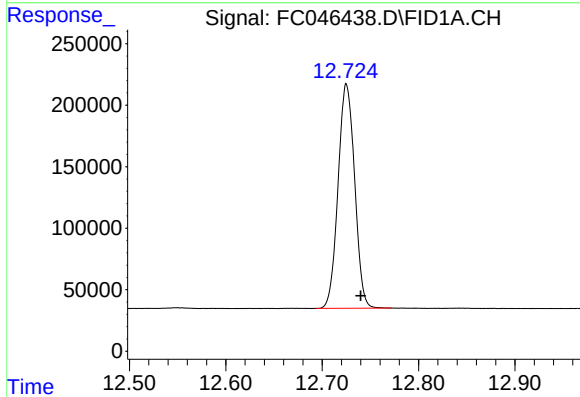
#8 n-Octadecane (C18)

R.T.: 11.424 min
Delta R.T.: -0.013 min
Response: 2220610
Conc: 21.12 ug/ml



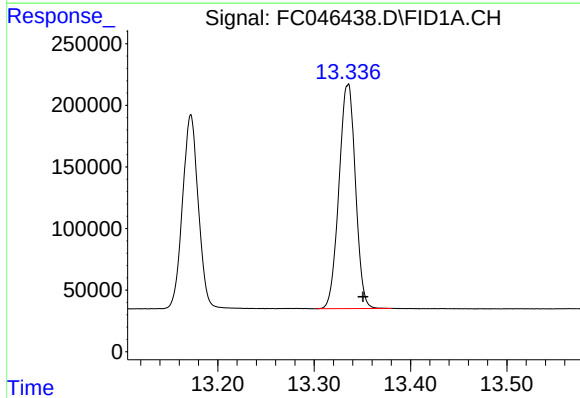
#9 ortho-Terphenyl (SURR)

R.T.: 11.755 min
Delta R.T.: -0.014 min
Response: 2310237
Conc: 20.25 ug/ml



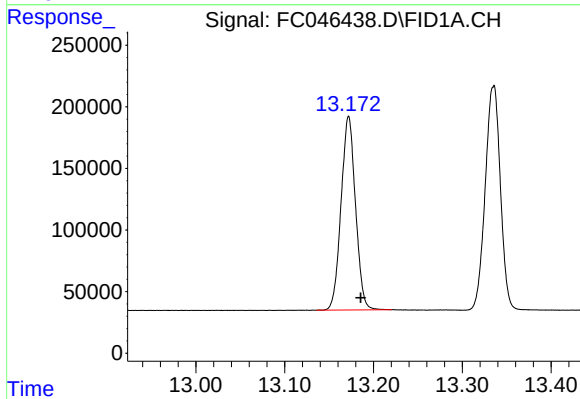
#10 n-Eicosane (C20)

R.T.: 12.725 min
Delta R.T.: -0.015 min
Response: 2175619
Conc: 20.58 ug/ml



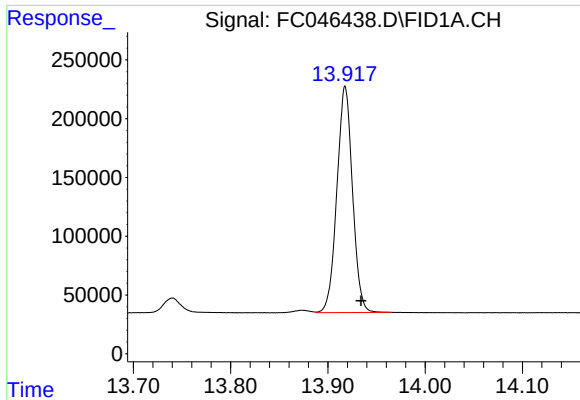
#11 n-Heneicosane (C21)

R.T.: 13.335 min
Delta R.T.: -0.015 min
Response: 2160110
Conc: 20.25 ug/ml



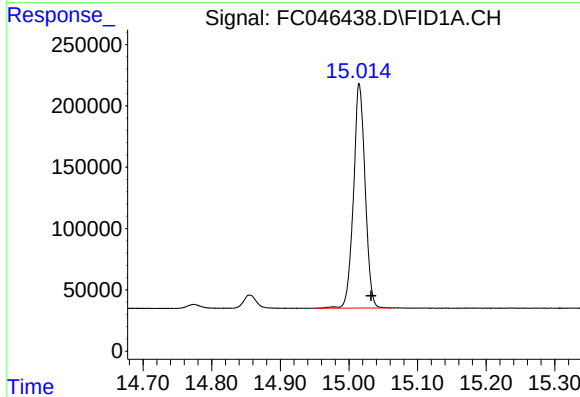
#12 1-chlorooctadecane (SURR)

R.T.: 13.172 min
Delta R.T.: -0.013 min
Response: 1775131
Conc: 19.79 ug/ml



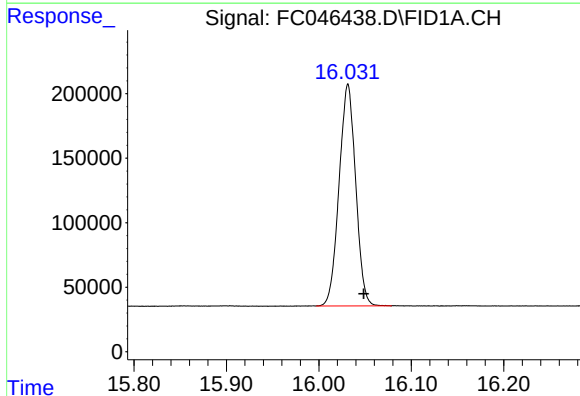
#13 n-Docosane (C22)

R.T.: 13.918 min
Delta R.T.: -0.016 min
Response: 2145662
Conc: 20.19 ug/ml



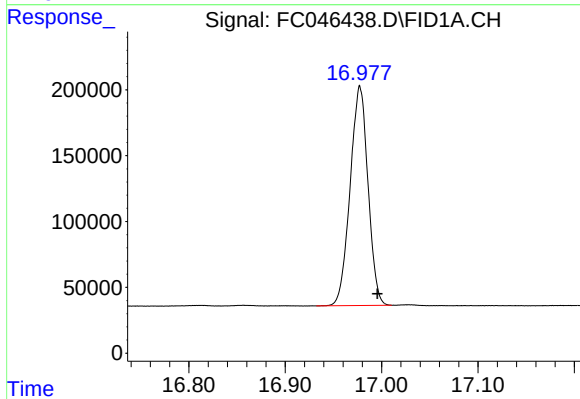
#14 n-Tetracosane (C24)

R.T.: 15.015 min
Delta R.T.: -0.017 min
Response: 2156427
Conc: 20.15 ug/ml



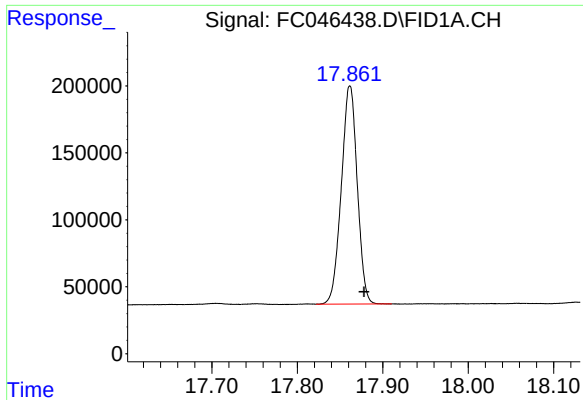
#15 n-Hexacosane (C26)

R.T.: 16.032 min
Delta R.T.: -0.017 min
Response: 2143061
Conc: 20.16 ug/ml



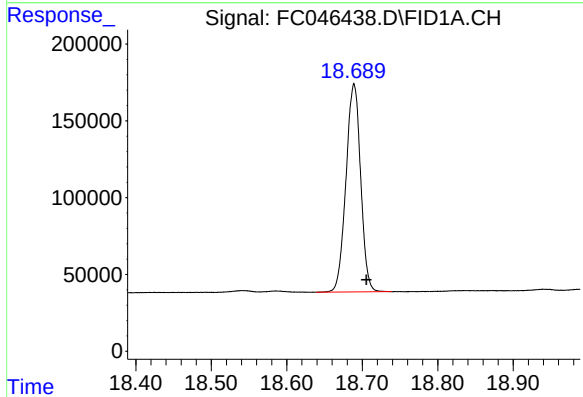
#16 n-Octacosane (C28)

R.T.: 16.977 min
Delta R.T.: -0.018 min
Response: 2144247
Conc: 20.48 ug/ml



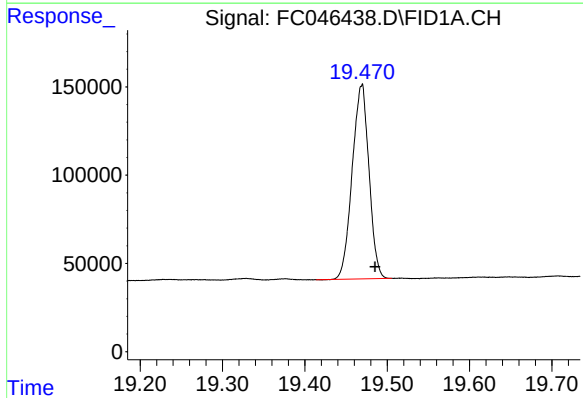
#17 n-Tricontane (C30)

R.T.: 17.862 min
Delta R.T.: -0.017 min
Response: 2112073
Conc: 20.96 ug/ml



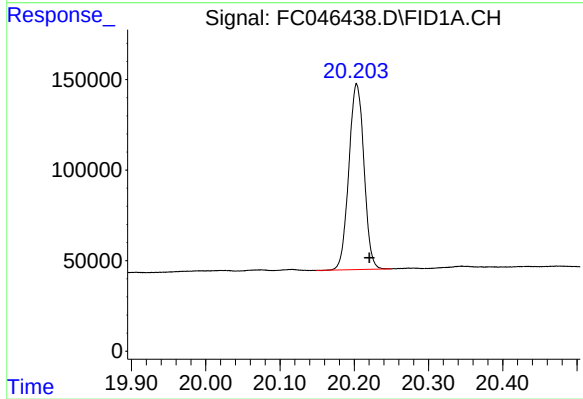
#18 n-Dotriacontane (C32)

R.T.: 18.689 min
Delta R.T.: -0.017 min
Response: 1826049
Conc: 21.34 ug/ml



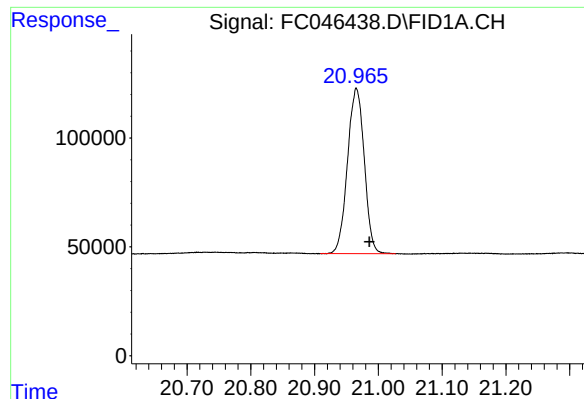
#19 n-Tetratriacontane (C34)

R.T.: 19.469 min
Delta R.T.: -0.016 min
Response: 1559249
Conc: 21.48 ug/ml



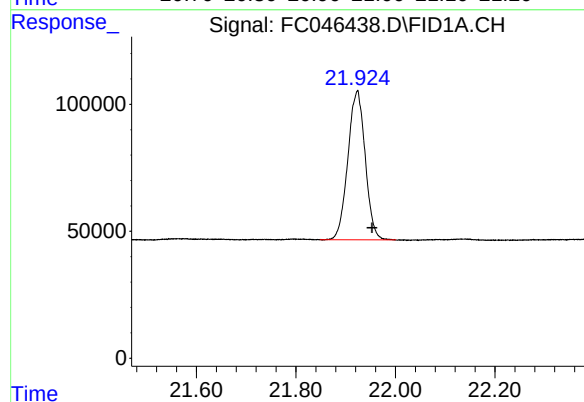
#20 n-Hexatriacontane (C36)

R.T.: 20.203 min
Delta R.T.: -0.017 min
Response: 1450161
Conc: 21.44 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.966 min
Delta R.T.: -0.021 min
Response: 1387283
Conc: 22.95 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.924 min
Delta R.T.: -0.029 min
Response: 1418683
Conc: 22.56 ug/ml