

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC121719AL\
 Data File : FC044964.D
 Signal(s) : FID1A.CH
 Acq On : 17 Dec 2019 8:43
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: sample.E
 Quant Time: Dec 18 02:19:20 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 112219.M
 Quant Title : GC Extractables
 QLast Update : Sat Nov 23 03:00:37 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)	11.760	2397082	21.036 ug/ml
Spiked Amount 50.000		Recovery =	42.07%
12) S 1-chlorooctadecane (S...	13.185	1867031	21.084 ug/ml
Spiked Amount 50.000		Recovery =	42.17%
Target Compounds			
1) T n-Nonane (C9)	3.506	2256727	22.198 ug/ml
2) T n-Decane (C10)	4.580	2278367	22.435 ug/ml
3) T A~Naphthalene (C11.7)	6.182	2541380	22.244 ug/ml
4) T n-Dodecane (C12)	6.600	2301425	22.621 ug/ml
5) T A~2-methylnaphthalene...	7.238	2547933	22.220 ug/ml
6) T n-Tetradecane (C14)	8.392	2309234	22.655 ug/ml
7) T n-Hexadecane (C16)	9.990	2310522	22.518 ug/ml
8) T n-Octadecane (C18)	11.430	2289544	22.112 ug/ml
10) T n-Eicosane (C20)	12.738	2237132	21.445 ug/ml
11) T n-Heneicosane (C21)	13.348	2220732	21.053 ug/ml
13) T n-Docosane (C22)	13.934	2177580	20.642 ug/ml
14) T n-Tetracosane (C24)	15.035	2121147	19.813 ug/ml
15) T n-Hexacosane (C26)	16.055	2053931	19.299 ug/ml
16) T n-Octacosane (C28)	17.004	1994121	18.999 ug/ml
17) T n-Tricontane (C30)	17.890	1908895	19.065 ug/ml
18) T n-Dotriacontane (C32)	18.722	1630365	19.581 ug/ml
19) T n-Tetratriacontane (C34)	19.504	1407678	20.517 ug/ml
20) T n-Hexatriacontane (C36)	20.241	1277496	21.403 ug/ml
21) T n-Octatriacontane (C38)	21.015	1211088	22.528 ug/ml
22) T n-Tetracontane (C40)	21.986	1246417	23.264 ug/ml

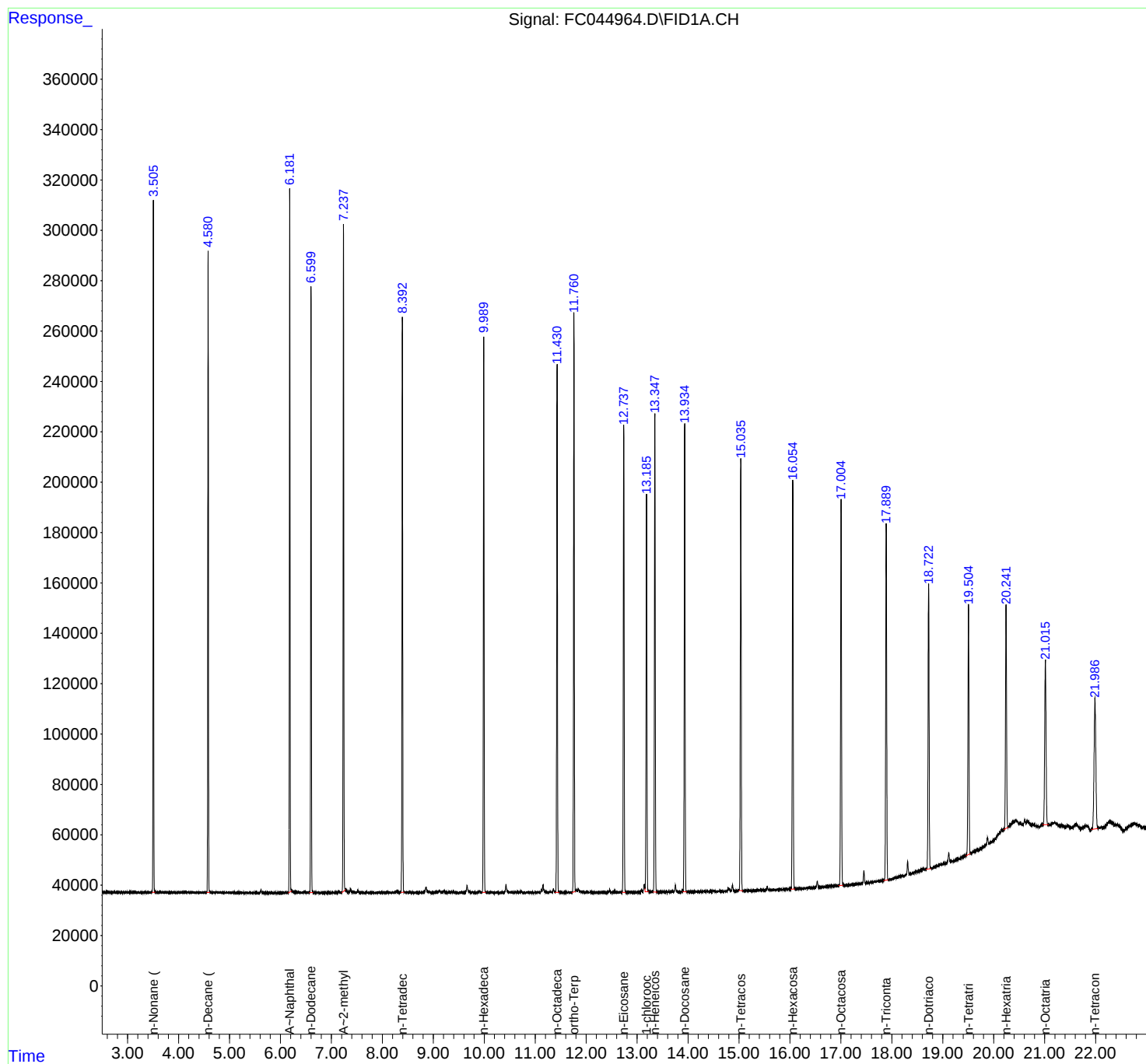
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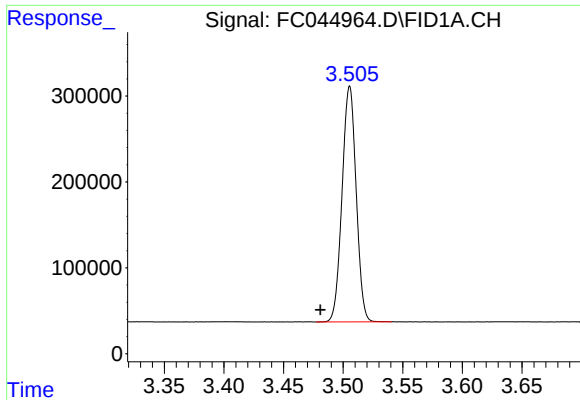
(m)=manual int.

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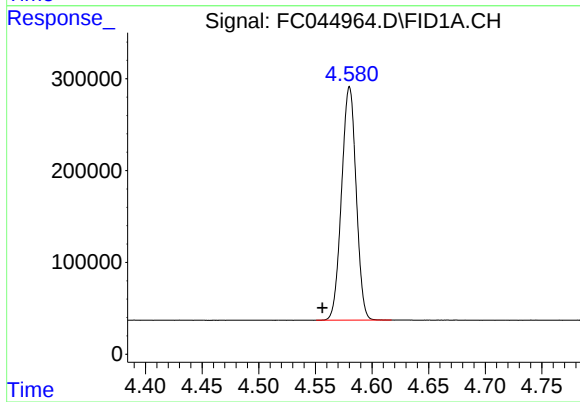
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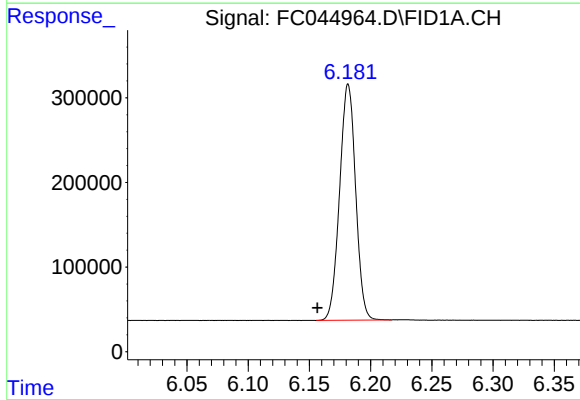
#1 n-Nonane (C9)

R.T.: 3.506 min
Delta R.T.: 0.025 min
Response: 2256727
Conc: 22.20 ug/ml



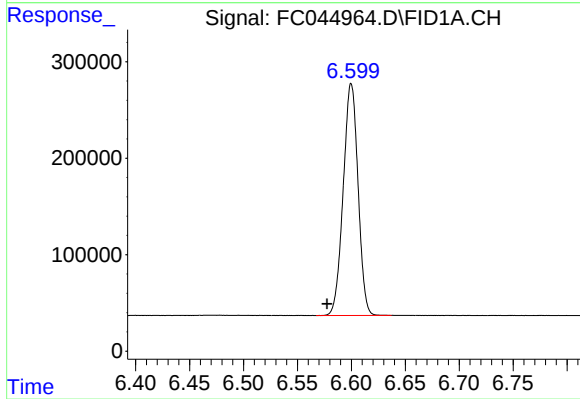
#2 n-Decane (C10)

R.T.: 4.580 min
Delta R.T.: 0.024 min
Response: 2278367
Conc: 22.44 ug/ml



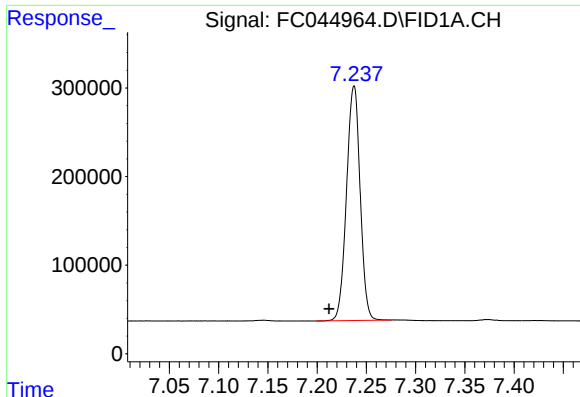
#3 A~Naphthalene (C11.7)

R.T.: 6.182 min
Delta R.T.: 0.025 min
Response: 2541380
Conc: 22.24 ug/ml



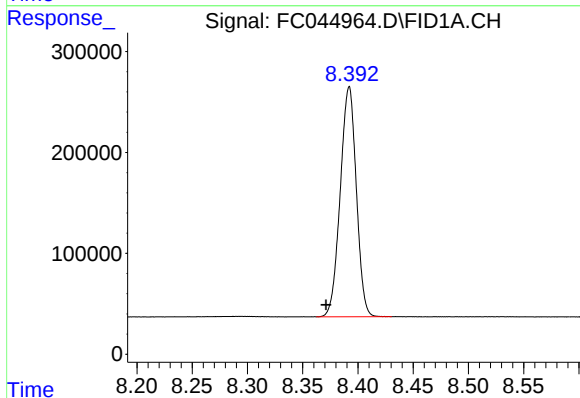
#4 n-Dodecane (C12)

R.T.: 6.600 min
Delta R.T.: 0.022 min
Response: 2301425
Conc: 22.62 ug/ml



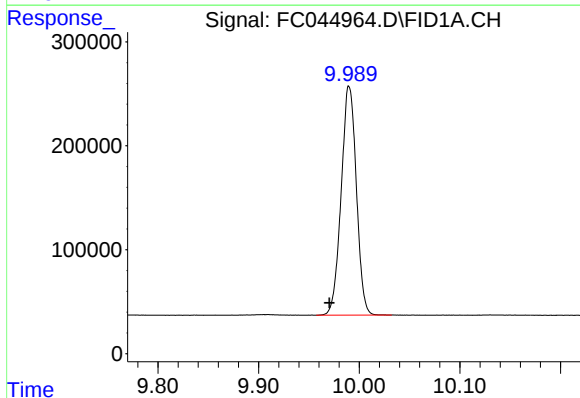
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.238 min
Delta R.T.: 0.025 min
Response: 2547933
Conc: 22.22 ug/ml



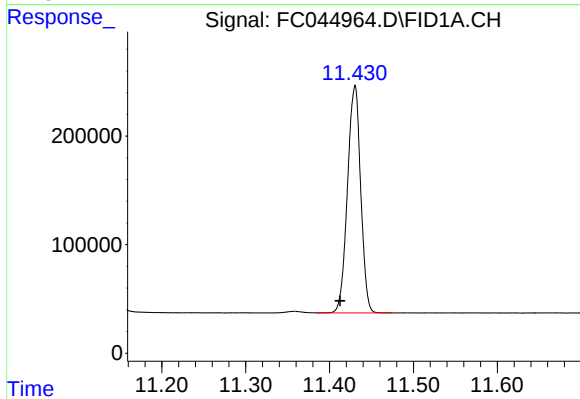
#6 n-Tetradecane (C14)

R.T.: 8.392 min
Delta R.T.: 0.021 min
Response: 2309234
Conc: 22.66 ug/ml



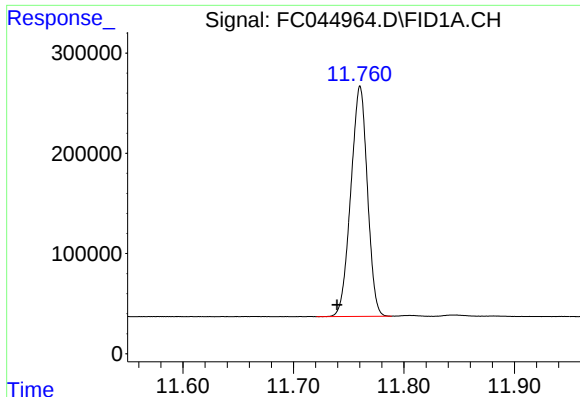
#7 n-Hexadecane (C16)

R.T.: 9.990 min
Delta R.T.: 0.020 min
Response: 2310522
Conc: 22.52 ug/ml



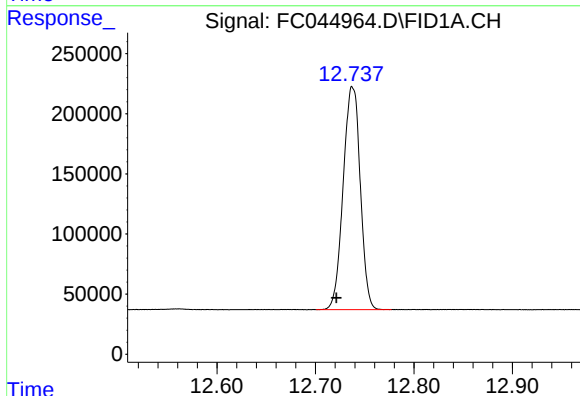
#8 n-Octadecane (C18)

R.T.: 11.430 min
Delta R.T.: 0.018 min
Response: 2289544
Conc: 22.11 ug/ml



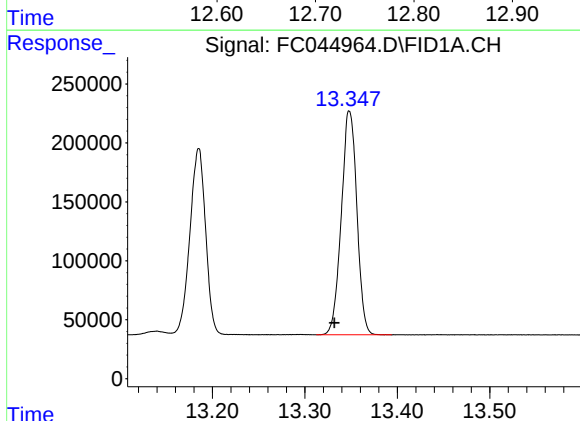
#9 ortho-Terphenyl (SURR)

R.T.: 11.760 min
Delta R.T.: 0.021 min
Response: 2397082
Conc: 21.04 ug/ml



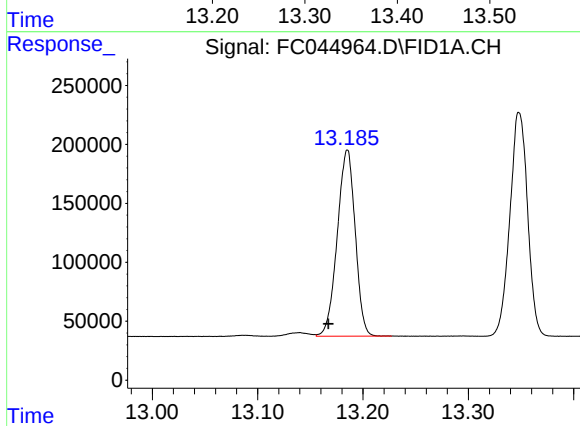
#10 n-Eicosane (C20)

R.T.: 12.738 min
Delta R.T.: 0.016 min
Response: 2237132
Conc: 21.45 ug/ml



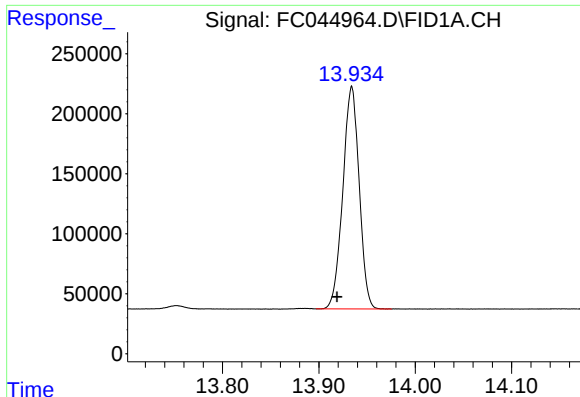
#11 n-Heneicosane (C21)

R.T.: 13.348 min
Delta R.T.: 0.016 min
Response: 2220732
Conc: 21.05 ug/ml



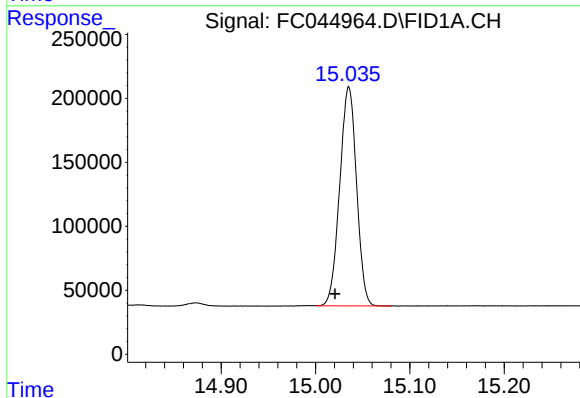
#12 1-chlorooctadecane (SURR)

R.T.: 13.185 min
Delta R.T.: 0.018 min
Response: 1867031
Conc: 21.08 ug/ml



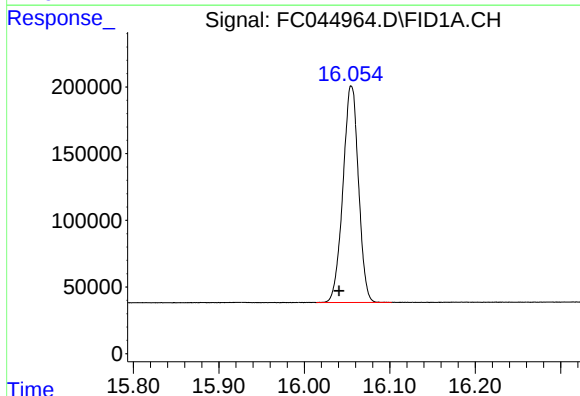
#13 n-Docosane (C22)

R.T.: 13.934 min
Delta R.T.: 0.015 min
Response: 2177580
Conc: 20.64 ug/ml



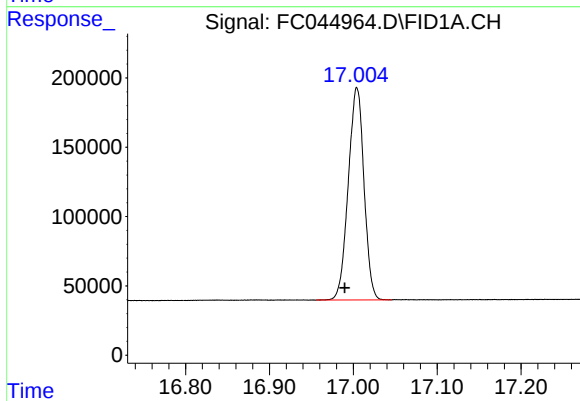
#14 n-Tetracosane (C24)

R.T.: 15.035 min
Delta R.T.: 0.015 min
Response: 2121147
Conc: 19.81 ug/ml



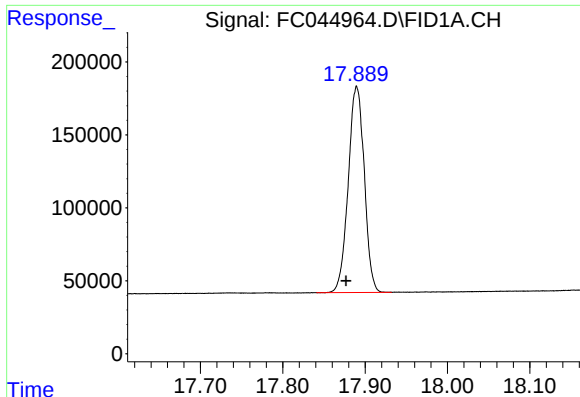
#15 n-Hexacosane (C26)

R.T.: 16.055 min
Delta R.T.: 0.014 min
Response: 2053931
Conc: 19.30 ug/ml



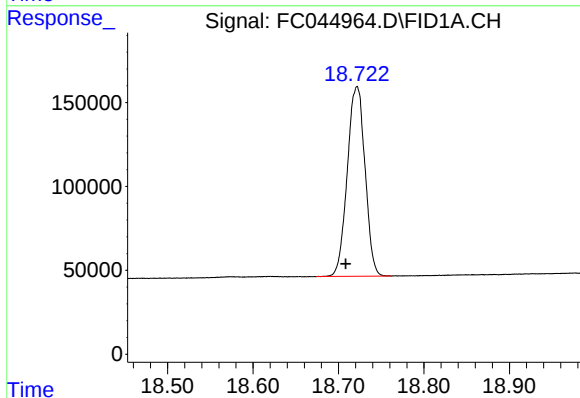
#16 n-Octacosane (C28)

R.T.: 17.004 min
Delta R.T.: 0.015 min
Response: 1994121
Conc: 19.00 ug/ml



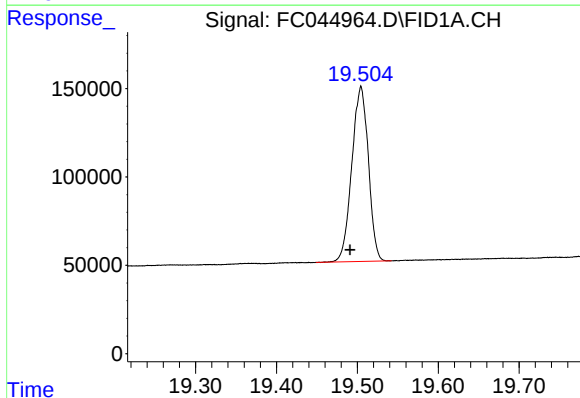
#17 n-Tricontane (C30)

R.T.: 17.890 min
Delta R.T.: 0.013 min
Response: 1908895
Conc: 19.07 ug/ml



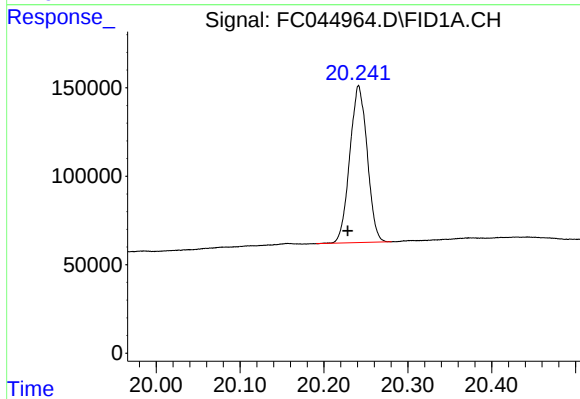
#18 n-Dotriacontane (C32)

R.T.: 18.722 min
Delta R.T.: 0.013 min
Response: 1630365
Conc: 19.58 ug/ml



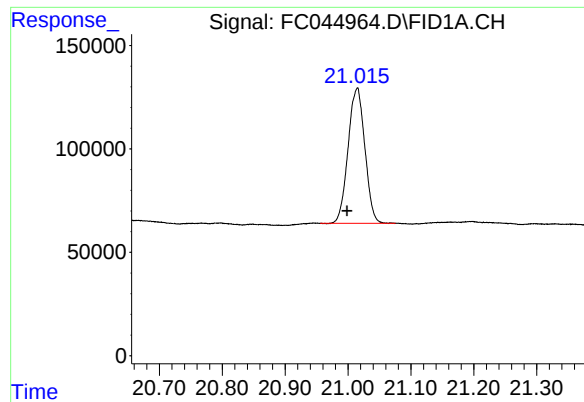
#19 n-Tetratriacontane (C34)

R.T.: 19.504 min
Delta R.T.: 0.013 min
Response: 1407678
Conc: 20.52 ug/ml



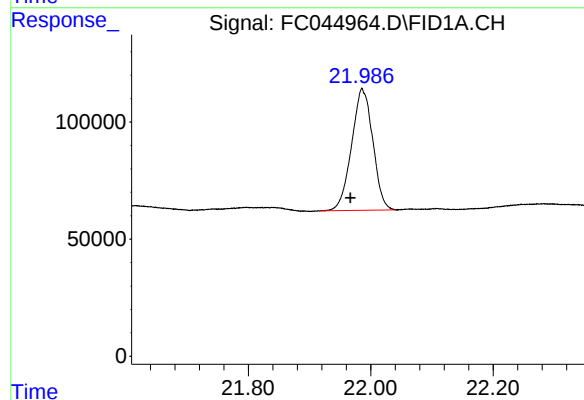
#20 n-Hexatriacontane (C36)

R.T.: 20.241 min
Delta R.T.: 0.013 min
Response: 1277496
Conc: 21.40 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.015 min
Delta R.T.: 0.016 min
Response: 1211088
Conc: 22.53 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.986 min
Delta R.T.: 0.019 min
Response: 1246417
Conc: 23.26 ug/ml