

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC100720AL\
 Data File : FC049975.D
 Signal(s) : FID1A.CH
 Acq On : 08 Oct 2020 1:30
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: sample.E
 Quant Time: Oct 08 06:33:53 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 100620.M
 Quant Title : GC Extractables
 QLast Update : Wed Oct 07 04:53:04 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)	11.651	2205376	19.675 ug/ml
Spiked Amount 50.000		Recovery =	39.35%
12) S 1-chlorooctadecane (S...	13.085	1702240	19.651 ug/ml
Spiked Amount 50.000		Recovery =	39.30%
Target Compounds			
1) T n-Nonane (C9)	3.388	2037757	20.563 ug/ml
2) T n-Decane (C10)	4.461	2053327	20.624 ug/ml
3) T A~Naphthalene (C11.7)	6.057	2253423	20.445 ug/ml
4) T n-Dodecane (C12)	6.484	2069148	20.506 ug/ml
5) T A~2-methylnaphthalene...	7.116	2277881	20.465 ug/ml
6) T n-Tetradecane (C14)	8.282	2045422	20.417 ug/ml
7) T n-Hexadecane (C16)	9.885	1993843	20.231 ug/ml
8) T n-Octadecane (C18)	11.327	2065677	20.002 ug/ml
10) T n-Eicosane (C20)	12.638	2057645	19.775 ug/ml
11) T n-Heneicosane (C21)	13.250	2040915	19.640 ug/ml
13) T n-Docosane (C22)	13.837	2036219	19.616 ug/ml
14) T n-Tetracosane (C24)	14.940	1998184	19.238 ug/ml
15) T n-Hexacosane (C26)	15.960	1953429	18.957 ug/ml
16) T n-Octacosane (C28)	16.909	1919263	18.545 ug/ml
17) T n-Tricontane (C30)	17.795	1876704	18.390 ug/mlm
18) T n-Dotriacontane (C32)	18.626	1769274	18.417 ug/mlm
19) T n-Tetratriacontane (C34)	19.410	1654603	18.039 ug/mlm
20) T n-Hexatriacontane (C36)	20.147	1677290	18.936 ug/mlm
21) T n-Octatriacontane (C38)	20.902	1812283	21.978 ug/mlm
22) T n-Tetracontane (C40)	21.839	1645880	19.683 ug/ml

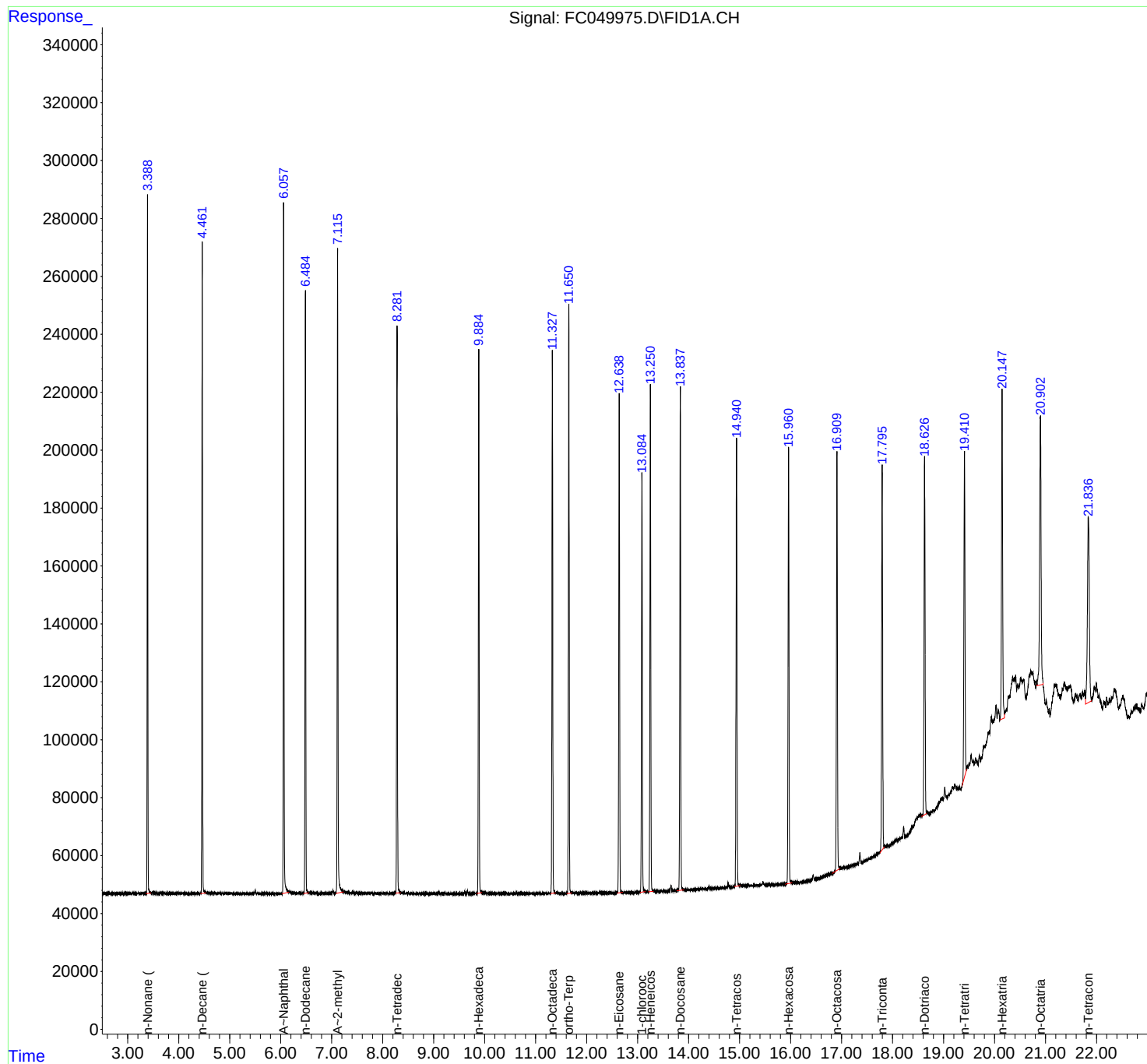
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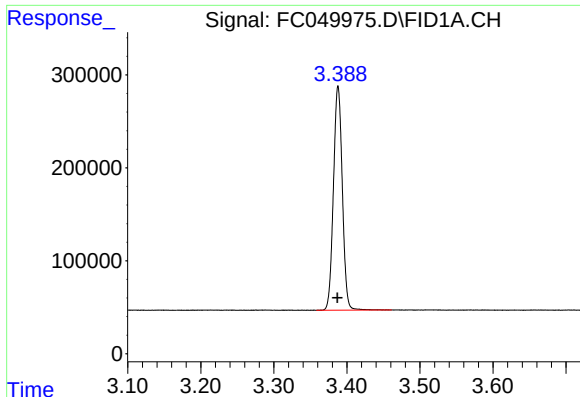
(m)=manual int.

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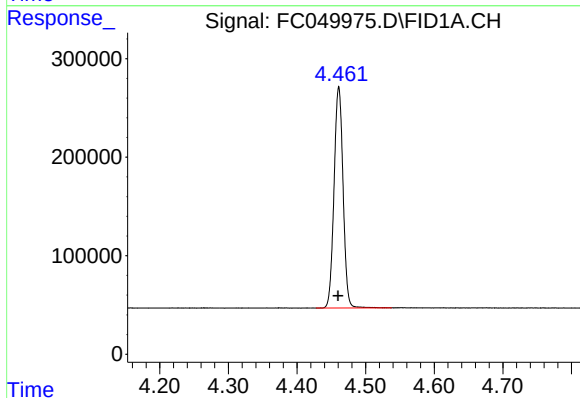
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Signal Info : 20M x 0.18mm x 0.18um





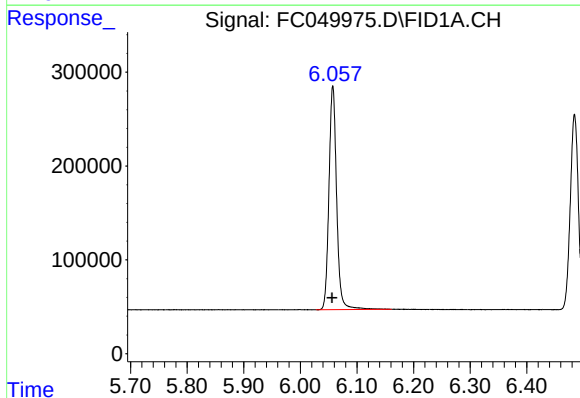
#1 n-Nonane (C9)

R.T.: 3.388 min
Delta R.T.: 0.000 min
Response: 2037757
Conc: 20.56 ug/ml



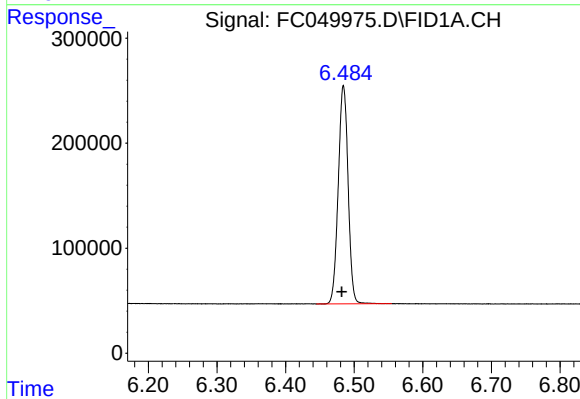
#2 n-Decane (C10)

R.T.: 4.461 min
Delta R.T.: 0.001 min
Response: 2053327
Conc: 20.62 ug/ml



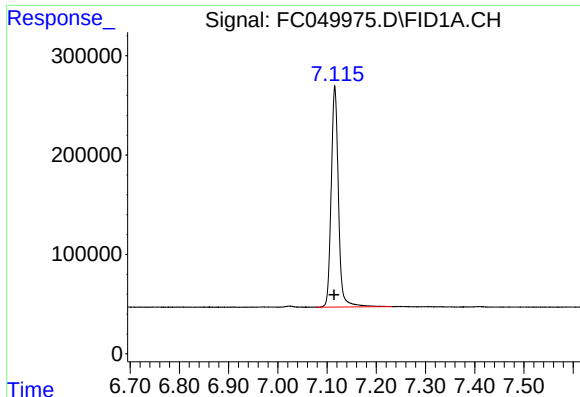
#3 A~Naphthalene (C11.7)

R.T.: 6.057 min
Delta R.T.: 0.001 min
Response: 2253423
Conc: 20.45 ug/ml



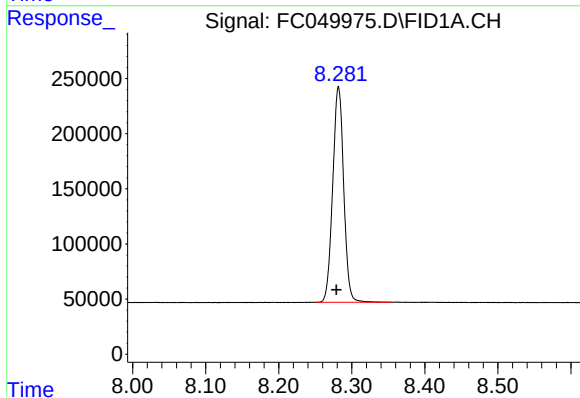
#4 n-Dodecane (C12)

R.T.: 6.484 min
Delta R.T.: 0.003 min
Response: 2069148
Conc: 20.51 ug/ml



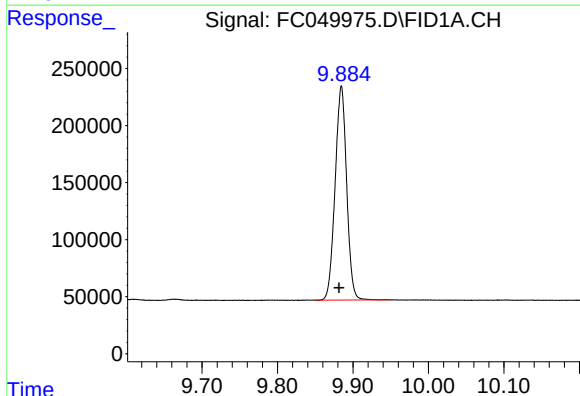
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.116 min
Delta R.T.: 0.002 min
Response: 2277881
Conc: 20.47 ug/ml



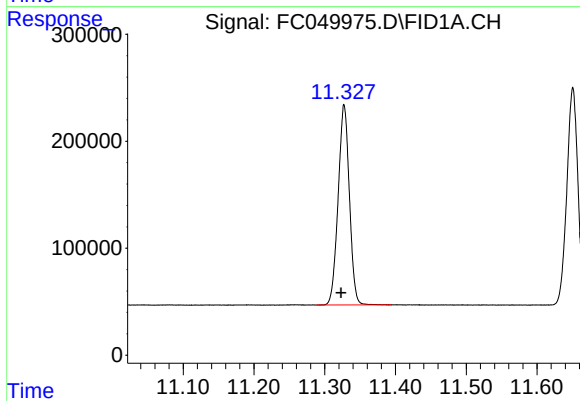
#6 n-Tetradecane (C14)

R.T.: 8.282 min
Delta R.T.: 0.003 min
Response: 2045422
Conc: 20.42 ug/ml



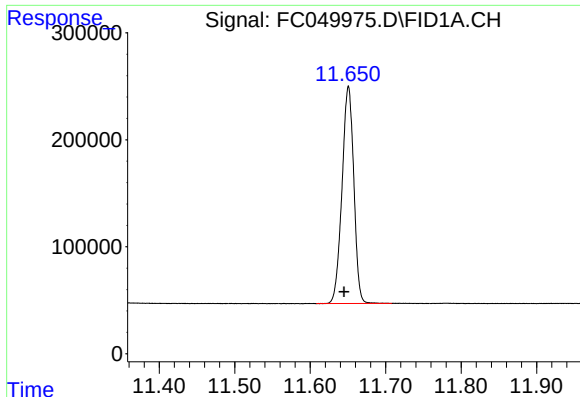
#7 n-Hexadecane (C16)

R.T.: 9.885 min
Delta R.T.: 0.003 min
Response: 1993843
Conc: 20.23 ug/ml



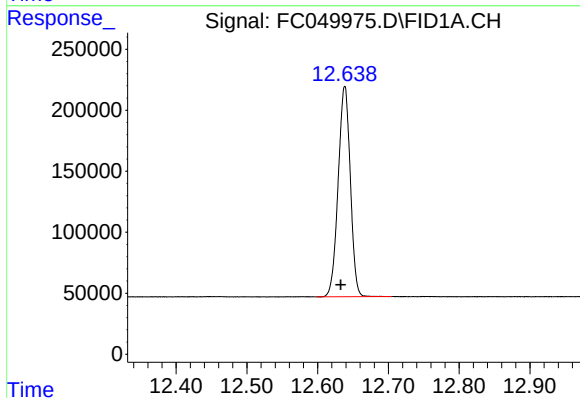
#8 n-Octadecane (C18)

R.T.: 11.327 min
Delta R.T.: 0.004 min
Response: 2065677
Conc: 20.00 ug/ml



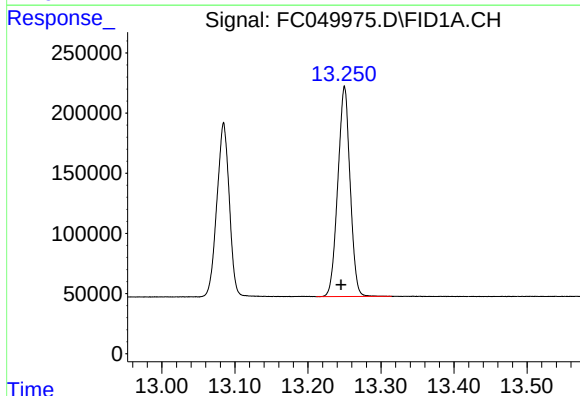
#9 ortho-Terphenyl (SURR)

R.T.: 11.651 min
Delta R.T.: 0.006 min
Response: 2205376
Conc: 19.67 ug/ml



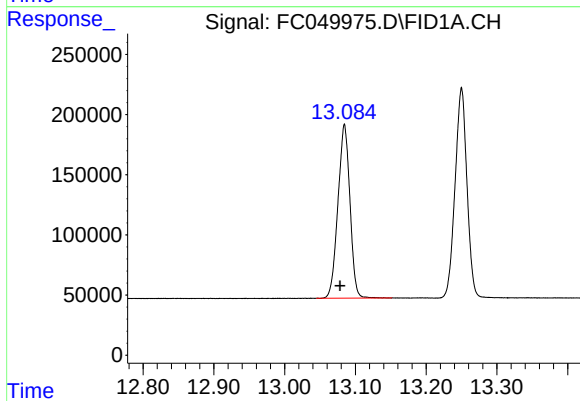
#10 n-Eicosane (C20)

R.T.: 12.638 min
Delta R.T.: 0.006 min
Response: 2057645
Conc: 19.77 ug/ml



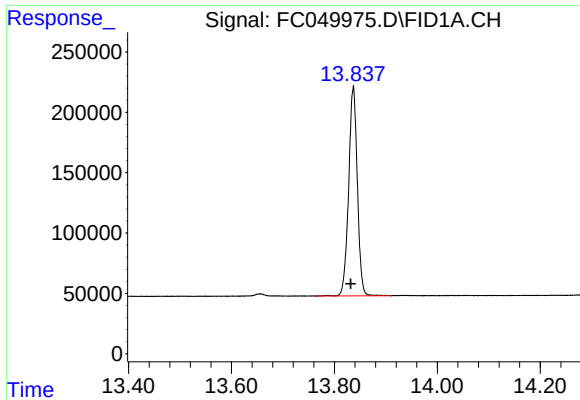
#11 n-Heneicosane (C21)

R.T.: 13.250 min
Delta R.T.: 0.005 min
Response: 2040915
Conc: 19.64 ug/ml



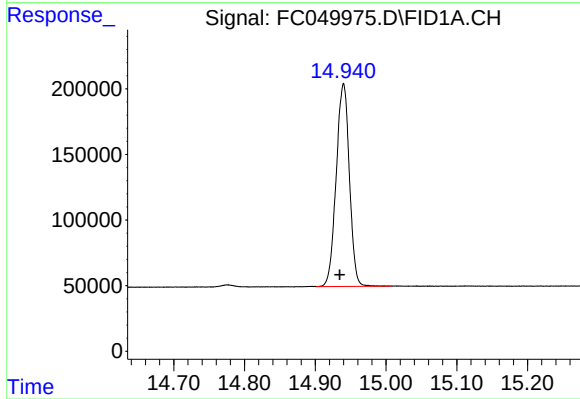
#12 1-chlorooctadecane (SURR)

R.T.: 13.085 min
Delta R.T.: 0.006 min
Response: 1702240
Conc: 19.65 ug/ml



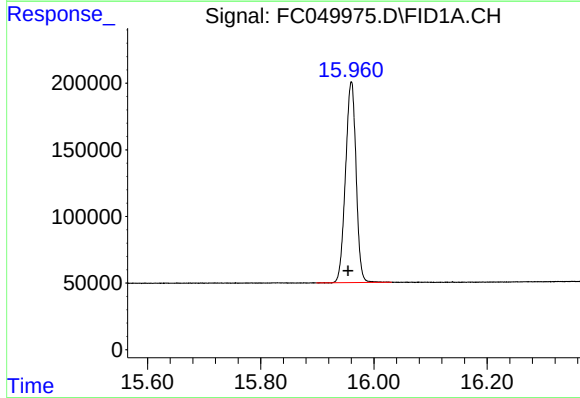
#13 n-Docosane (C22)

R.T.: 13.837 min
Delta R.T.: 0.005 min
Response: 2036219
Conc: 19.62 ug/ml



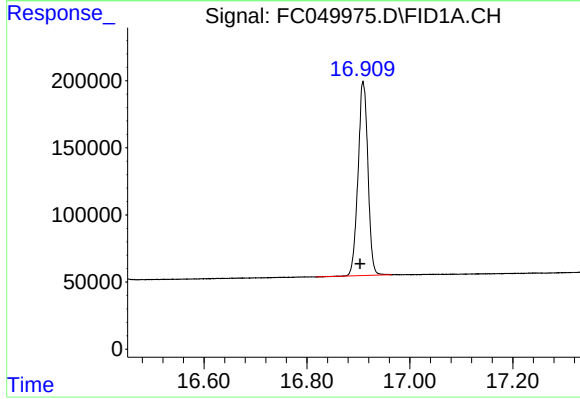
#14 n-Tetracosane (C24)

R.T.: 14.940 min
Delta R.T.: 0.005 min
Response: 1998184
Conc: 19.24 ug/ml



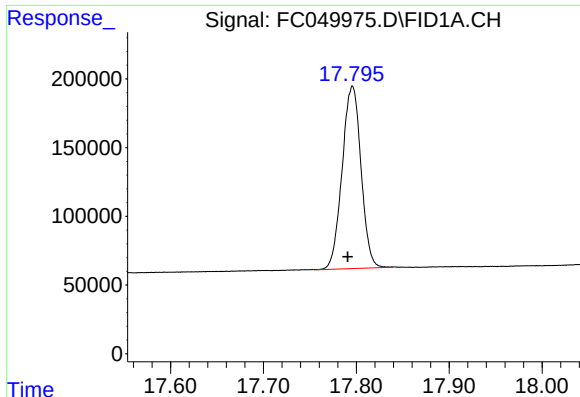
#15 n-Hexacosane (C26)

R.T.: 15.960 min
Delta R.T.: 0.006 min
Response: 1953429
Conc: 18.96 ug/ml



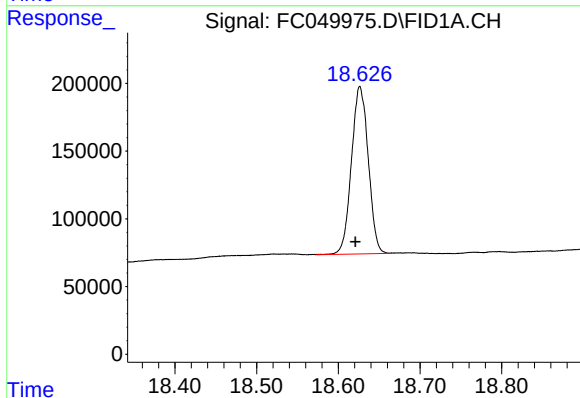
#16 n-Octacosane (C28)

R.T.: 16.909 min
Delta R.T.: 0.006 min
Response: 1919263
Conc: 18.54 ug/ml



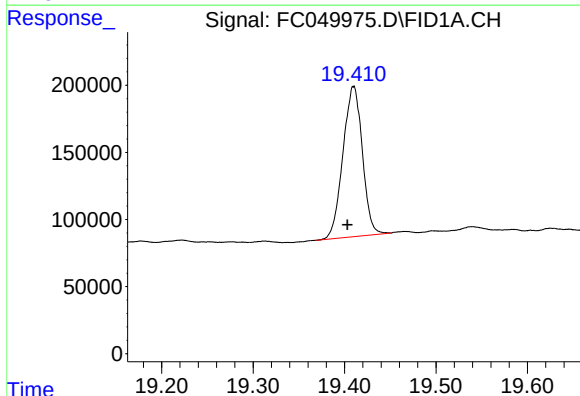
#17 n-Tricontane (C30)

R.T.: 17.795 min
Delta R.T.: 0.004 min
Response: 1876704
Conc: 18.39 ug/ml m



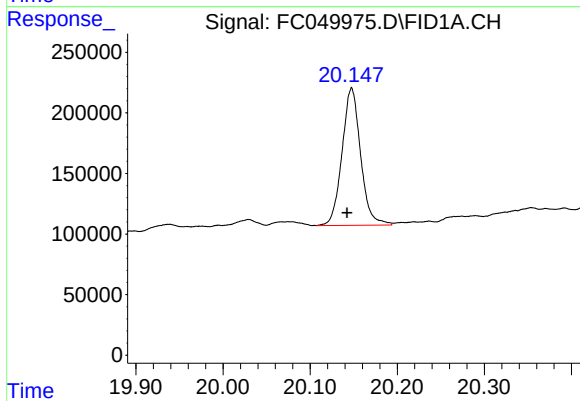
#18 n-Dotriacontane (C32)

R.T.: 18.626 min
Delta R.T.: 0.005 min
Response: 1769274
Conc: 18.42 ug/ml m



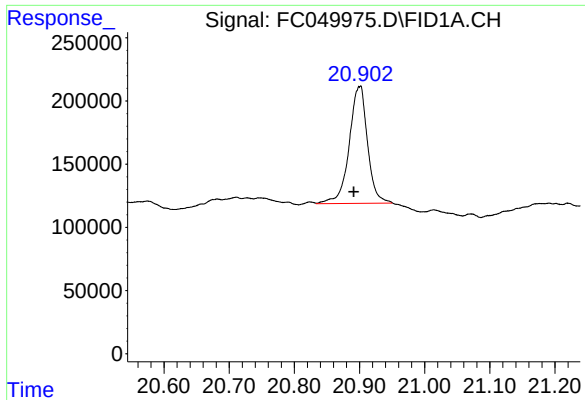
#19 n-Tetratriacontane (C34)

R.T.: 19.410 min
Delta R.T.: 0.007 min
Response: 1654603
Conc: 18.04 ug/ml m



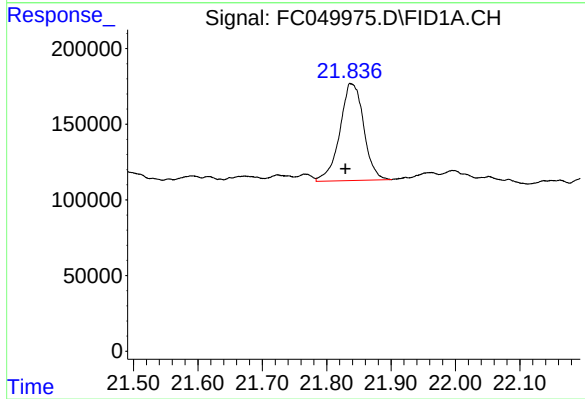
#20 n-Hexatriacontane (C36)

R.T.: 20.147 min
Delta R.T.: 0.005 min
Response: 1677290
Conc: 18.94 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 20.902 min
Delta R.T.: 0.011 min
Response: 1812283
Conc: 21.98 ug/ml m



#22 n-Tetracontane (C40)

R.T.: 21.839 min
Delta R.T.: 0.010 min
Response: 1645880
Conc: 19.68 ug/ml