

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC112420AL\
 Data File : FC050949.D
 Signal(s) : FID1A.CH
 Acq On : 25 Nov 2020 1:31
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Nov 25 02:29:15 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 110220.M
 Quant Title : GC Extractables
 QLast Update : Tue Nov 03 02:36:40 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)	11.603	2312940	18.831 ug/ml
Spiked Amount 50.000		Recovery =	37.66%
12) S 1-chlorooctadecane (S...	13.037	1768010	18.312 ug/ml
Spiked Amount 50.000		Recovery =	36.62%
Target Compounds			
1) T n-Nonane (C9)	3.353	2196070	20.639 ug/ml
2) T n-Decane (C10)	4.424	2221641	20.890 ug/ml
3) T A~Naphthalene (C11.7)	6.017	2356171	20.460 ug/ml
4) T n-Dodecane (C12)	6.444	2278243	21.012 ug/ml
5) T A~2-methylnaphthalene...	7.075	2363608	20.602 ug/ml
6) T n-Tetradecane (C14)	8.240	2261291	20.965 ug/ml
7) T n-Hexadecane (C16)	9.841	2201291	20.679 ug/ml
8) T n-Octadecane (C18)	11.282	2259062	20.082 ug/ml
10) T n-Eicosane (C20)	12.591	2205499	19.324 ug/ml
11) T n-Heneicosane (C21)	13.202	2159914	18.933 ug/ml
13) T n-Docosane (C22)	13.789	2117362	18.553 ug/ml
14) T n-Tetracosane (C24)	14.891	2053579	17.982 ug/ml
15) T n-Hexacosane (C26)	15.911	1985066	17.508 ug/ml
16) T n-Octacosane (C28)	16.860	1960120	17.274 ug/ml
17) T n-Tricontane (C30)	17.746	1946941	17.511 ug/ml
18) T n-Dotriacontane (C32)	18.577	1864158	18.070 ug/ml
19) T n-Tetratriacontane (C34)	19.358	1690669	17.570 ug/mlm
20) T n-Hexatriacontane (C36)	20.096	1586580	17.660 ug/ml
21) T n-Octatriacontane (C38)	20.838	1327815	15.969 ug/mlm
22) T n-Tetracontane (C40)	21.762	1398530	16.713 ug/ml

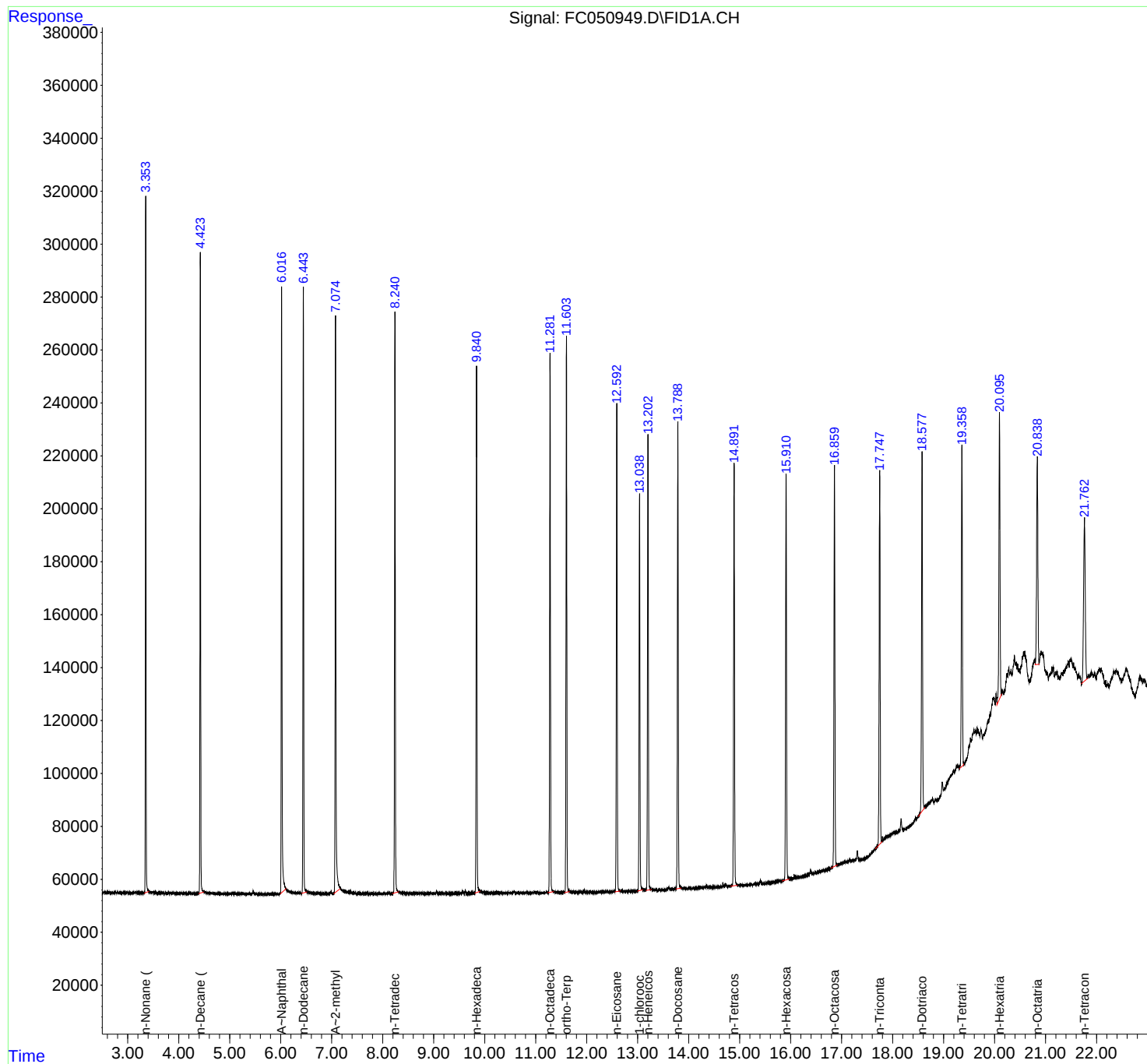
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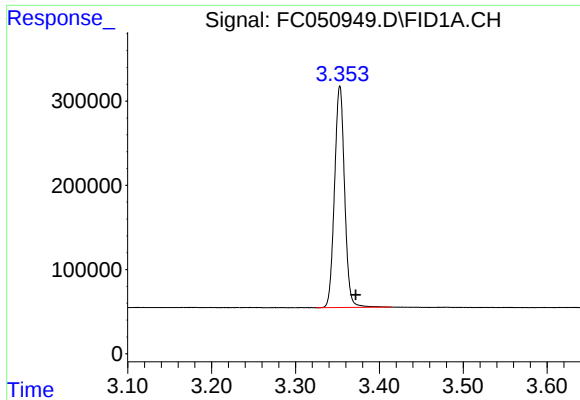
(m)=manual int.

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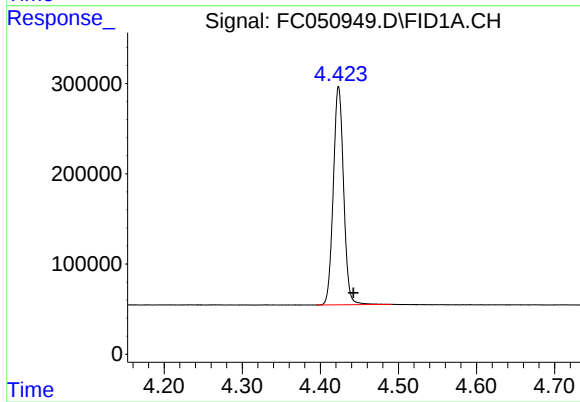
Volume Inj. : 1 uL
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um





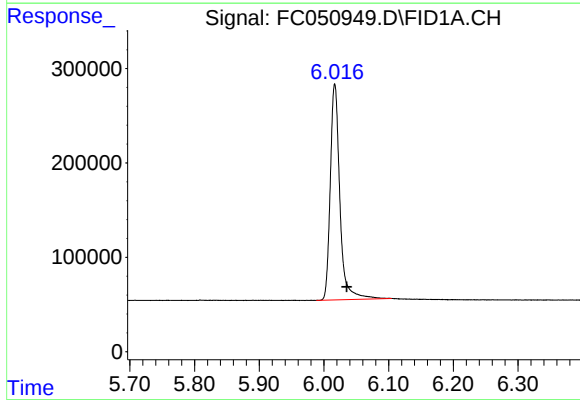
#1 n-Nonane (C9)

R.T.: 3.353 min
Delta R.T.: -0.019 min
Response: 2196070
Conc: 20.64 ug/ml



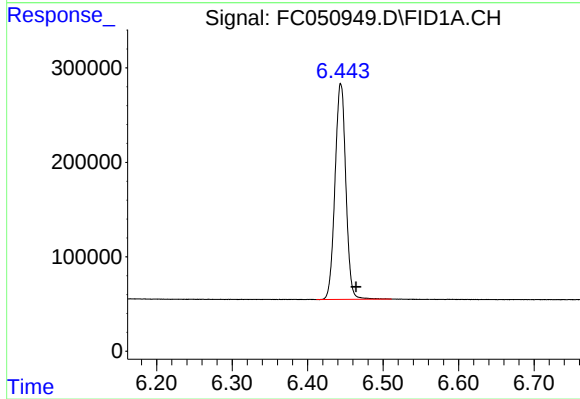
#2 n-Decane (C10)

R.T.: 4.424 min
Delta R.T.: -0.019 min
Response: 2221641
Conc: 20.89 ug/ml



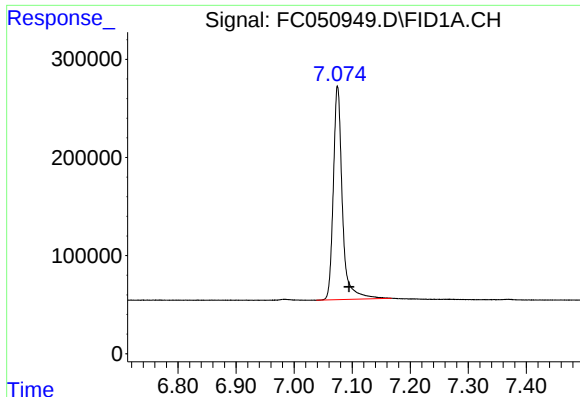
#3 A~Naphthalene (C11.7)

R.T.: 6.017 min
Delta R.T.: -0.018 min
Response: 2356171
Conc: 20.46 ug/ml



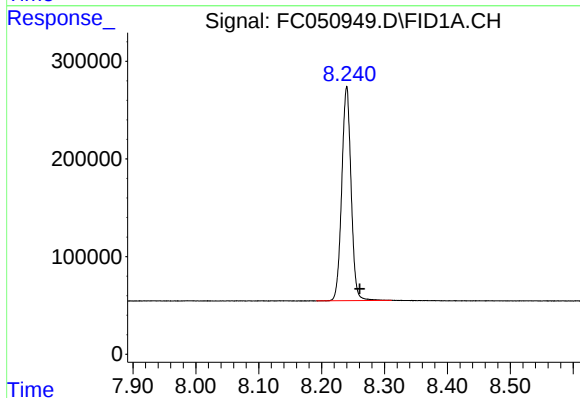
#4 n-Dodecane (C12)

R.T.: 6.444 min
Delta R.T.: -0.020 min
Response: 2278243
Conc: 21.01 ug/ml



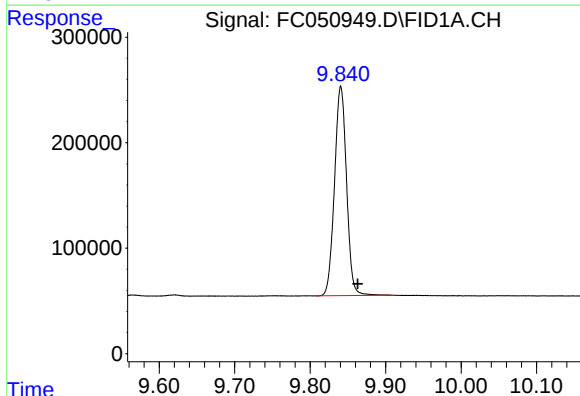
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.075 min
Delta R.T.: -0.020 min
Response: 2363608
Conc: 20.60 ug/ml



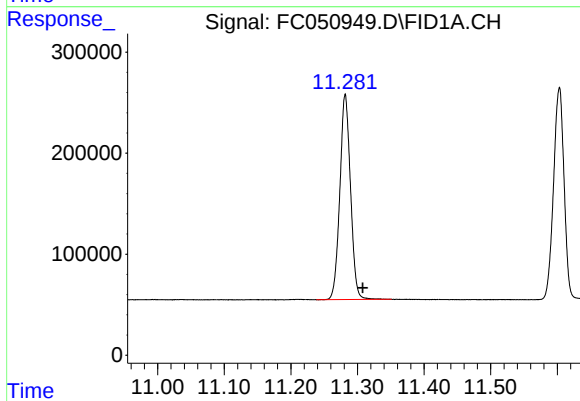
#6 n-Tetradecane (C14)

R.T.: 8.240 min
Delta R.T.: -0.021 min
Response: 2261291
Conc: 20.97 ug/ml



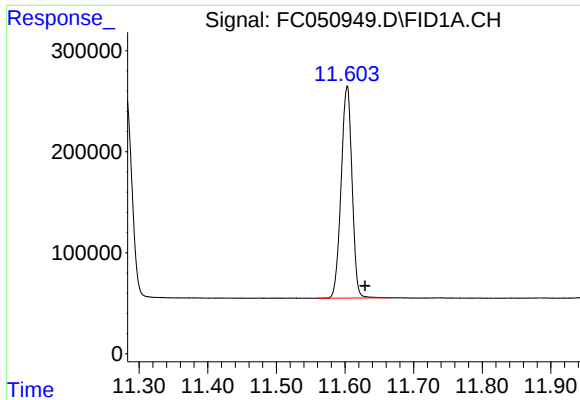
#7 n-Hexadecane (C16)

R.T.: 9.841 min
Delta R.T.: -0.022 min
Response: 2201291
Conc: 20.68 ug/ml



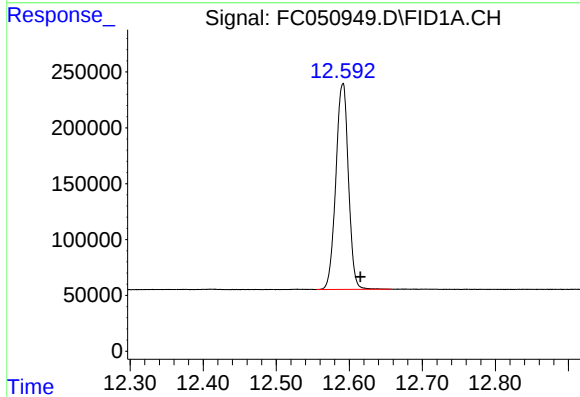
#8 n-Octadecane (C18)

R.T.: 11.282 min
Delta R.T.: -0.026 min
Response: 2259062
Conc: 20.08 ug/ml



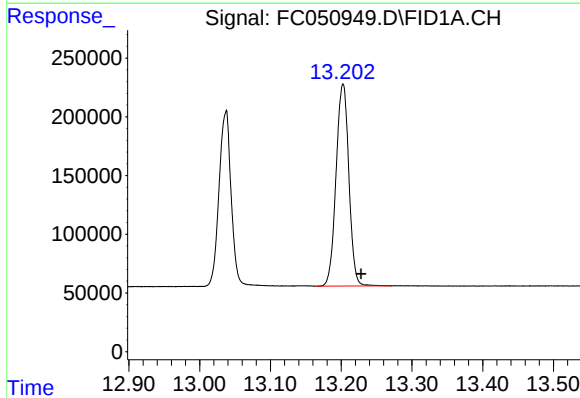
#9 ortho-Terphenyl (SURR)

R.T.: 11.603 min
Delta R.T.: -0.026 min
Response: 2312940
Conc: 18.83 ug/ml



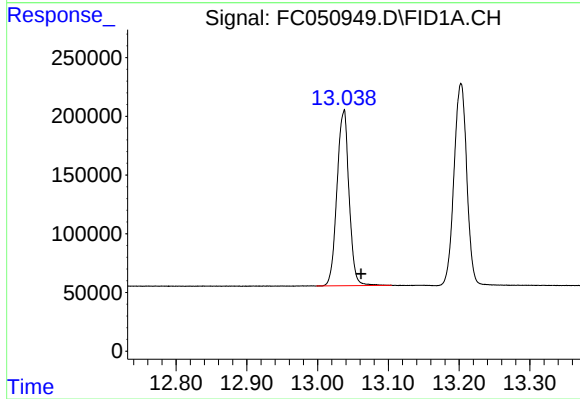
#10 n-Eicosane (C20)

R.T.: 12.591 min
Delta R.T.: -0.024 min
Response: 2205499
Conc: 19.32 ug/ml



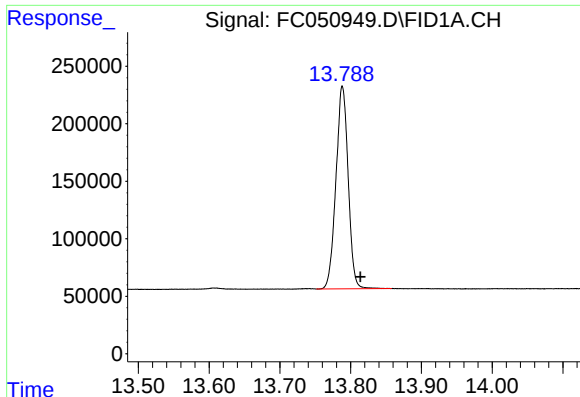
#11 n-Heneicosane (C21)

R.T.: 13.202 min
Delta R.T.: -0.026 min
Response: 2159914
Conc: 18.93 ug/ml



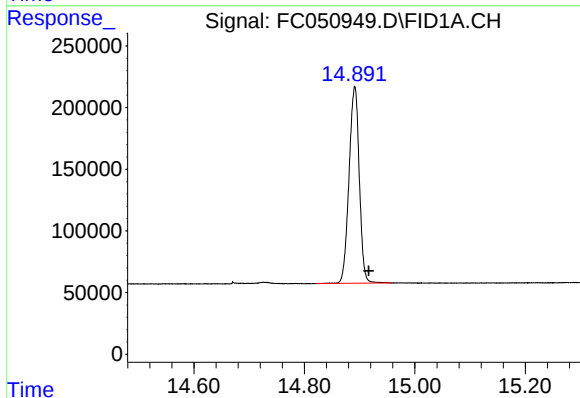
#12 1-chlorooctadecane (SURR)

R.T.: 13.037 min
Delta R.T.: -0.025 min
Response: 1768010
Conc: 18.31 ug/ml



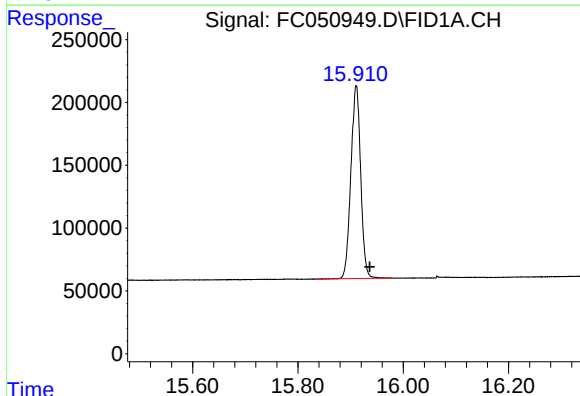
#13 n-Docosane (C22)

R.T.: 13.789 min
Delta R.T.: -0.025 min
Response: 2117362
Conc: 18.55 ug/ml



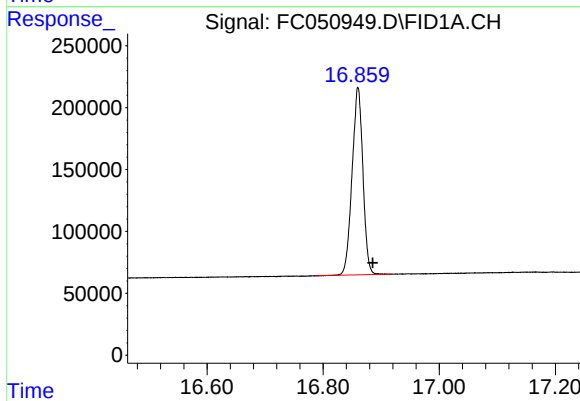
#14 n-Tetracosane (C24)

R.T.: 14.891 min
Delta R.T.: -0.026 min
Response: 2053579
Conc: 17.98 ug/ml



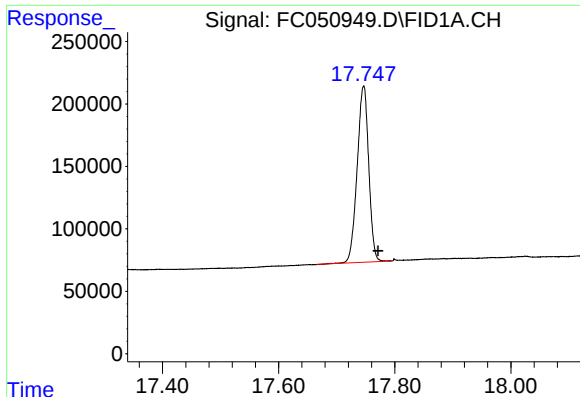
#15 n-Hexacosane (C26)

R.T.: 15.911 min
Delta R.T.: -0.026 min
Response: 1985066
Conc: 17.51 ug/ml



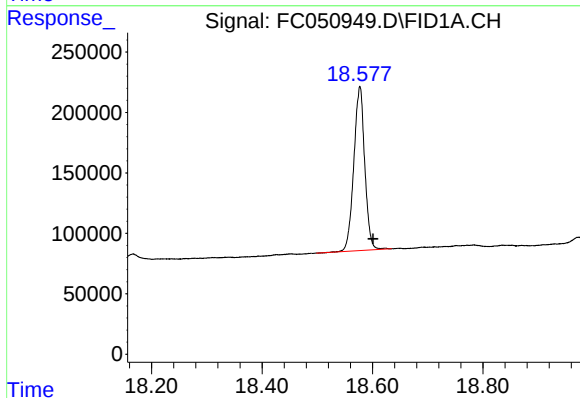
#16 n-Octacosane (C28)

R.T.: 16.860 min
Delta R.T.: -0.025 min
Response: 1960120
Conc: 17.27 ug/ml



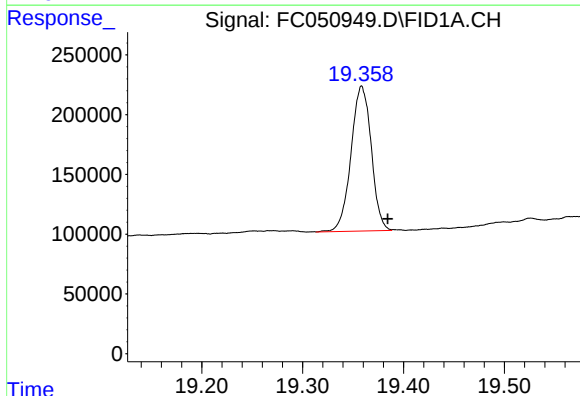
#17 n-Tricontane (C30)

R.T.: 17.746 min
Delta R.T.: -0.025 min
Response: 1946941
Conc: 17.51 ug/ml



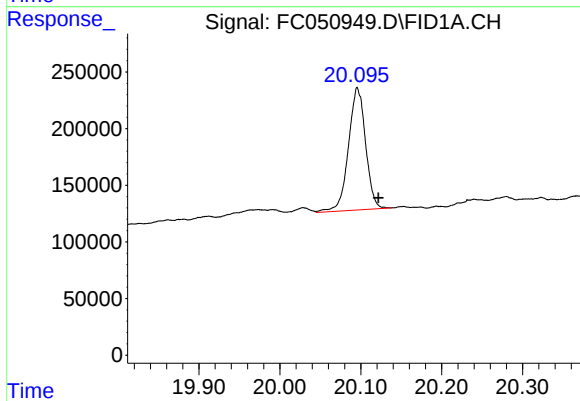
#18 n-Dotriacontane (C32)

R.T.: 18.577 min
Delta R.T.: -0.024 min
Response: 1864158
Conc: 18.07 ug/ml



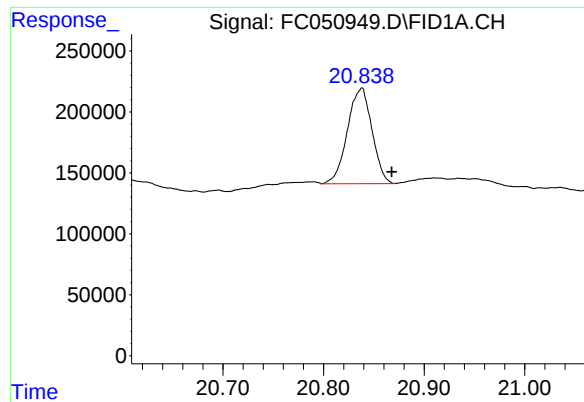
#19 n-Tetratriacontane (C34)

R.T.: 19.358 min
Delta R.T.: -0.026 min
Response: 1690669
Conc: 17.57 ug/ml m



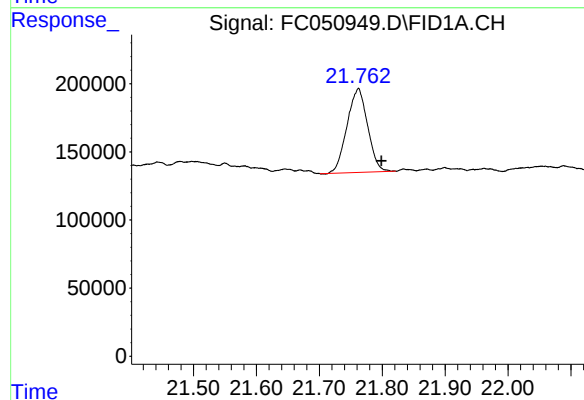
#20 n-Hexatriacontane (C36)

R.T.: 20.096 min
Delta R.T.: -0.026 min
Response: 1586580
Conc: 17.66 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.838 min
Delta R.T.: -0.030 min
Response: 1327815
Conc: 15.97 ug/ml m



#22 n-Tetracontane (C40)

R.T.: 21.762 min
Delta R.T.: -0.037 min
Response: 1398530
Conc: 16.71 ug/ml