

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC112420AL\
 Data File : FC050961.D
 Signal(s) : FID1A.CH
 Acq On : 25 Nov 2020 8:57
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Nov 25 09:43:01 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	2350198	19.134 ug/ml
Spiked Amount 50.000		Recovery =	38.27%
12) S 1-chlorooctadecane (S...	13.037	1792323	18.564 ug/ml
Spiked Amount 50.000		Recovery =	37.13%
Target Compounds			
1) T n-Nonane (C9)	3.353	2234227	20.997 ug/ml
2) T n-Decane (C10)	4.423	2262387	21.273 ug/ml
3) T A~Naphthalene (C11.7)	6.018	2413230	20.955 ug/ml
4) T n-Dodecane (C12)	6.444	2324426	21.438 ug/ml
5) T A~2-methylnaphthalene...	7.076	2398620	20.907 ug/ml
6) T n-Tetradecane (C14)	8.239	2311152	21.427 ug/ml
7) T n-Hexadecane (C16)	9.841	2248803	21.125 ug/ml
8) T n-Octadecane (C18)	11.283	2298472	20.433 ug/ml
10) T n-Eicosane (C20)	12.591	2239721	19.623 ug/ml
11) T n-Heneicosane (C21)	13.203	2189736	19.195 ug/ml
13) T n-Docosane (C22)	13.788	2146043	18.805 ug/ml
14) T n-Tetracosane (C24)	14.891	2069931	18.125 ug/ml
15) T n-Hexacosane (C26)	15.911	2019238	17.809 ug/ml
16) T n-Octacosane (C28)	16.860	2002094	17.644 ug/ml
17) T n-Tricontane (C30)	17.746	1975892	17.772 ug/ml
18) T n-Dotriacontane (C32)	18.578	1873878	18.164 ug/ml
19) T n-Tetratriacontane (C34)	19.358	1790853	18.612 ug/mlm
20) T n-Hexatriacontane (C36)	20.099	1580769	17.595 ug/mlm
21) T n-Octatriacontane (C38)	20.839	1409646	16.954 ug/mlm
22) T n-Tetracontane (C40)	21.761	1560294	18.646 ug/ml

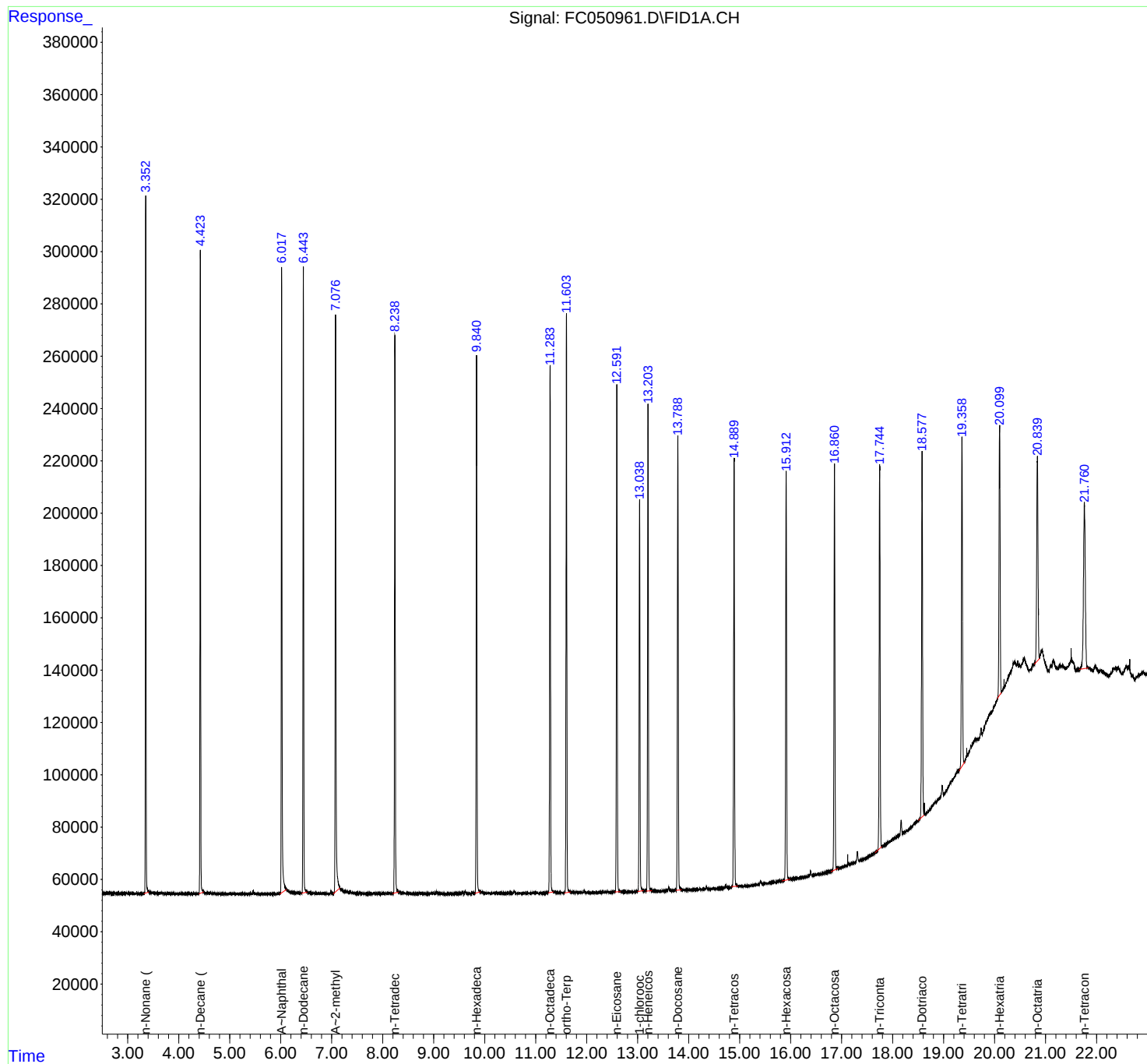
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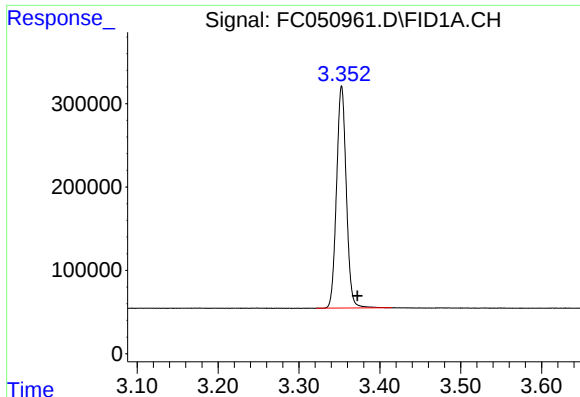
(m)=manual int.

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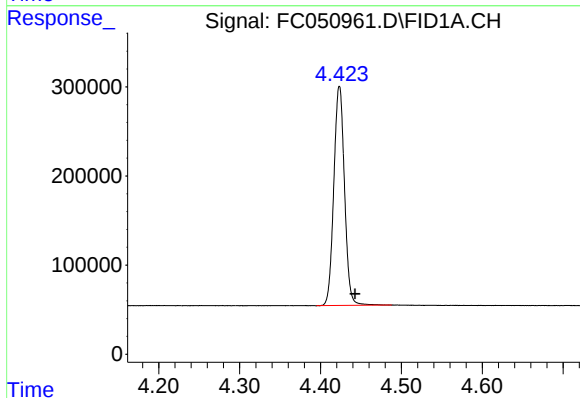
Volume Inj. : 1 ul
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Signal Info : 20M x 0.18mm x 0.18um





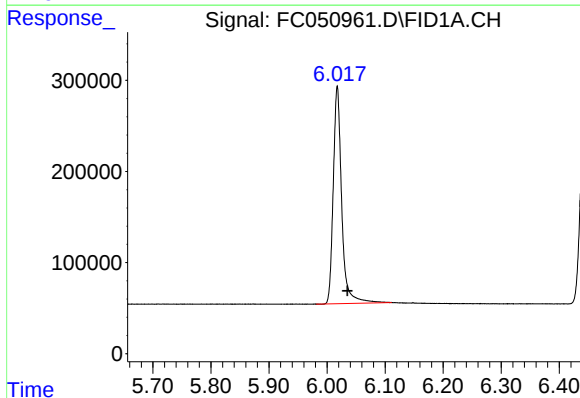
#1 n-Nonane (C9)

R.T.: 3.353 min
Delta R.T.: -0.019 min
Response: 2234227
Conc: 21.00 ug/ml



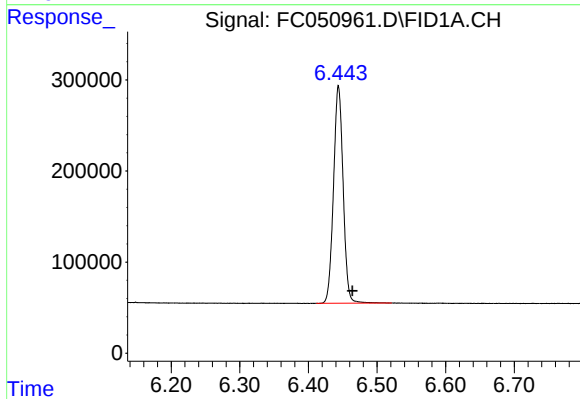
#2 n-Decane (C10)

R.T.: 4.423 min
Delta R.T.: -0.019 min
Response: 2262387
Conc: 21.27 ug/ml



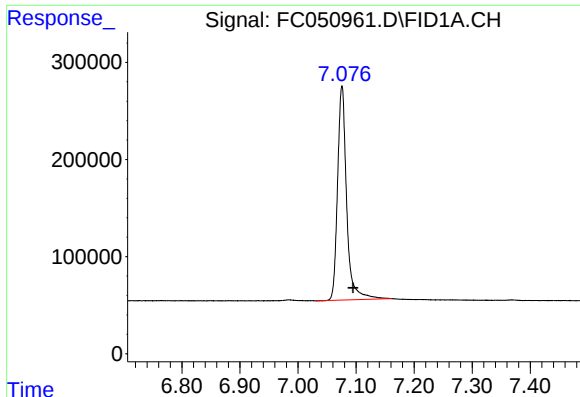
#3 A~Naphthalene (C11.7)

R.T.: 6.018 min
Delta R.T.: -0.018 min
Response: 2413230
Conc: 20.96 ug/ml



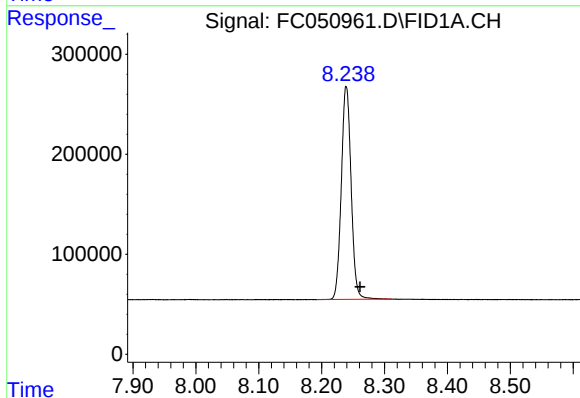
#4 n-Dodecane (C12)

R.T.: 6.444 min
Delta R.T.: -0.020 min
Response: 2324426
Conc: 21.44 ug/ml



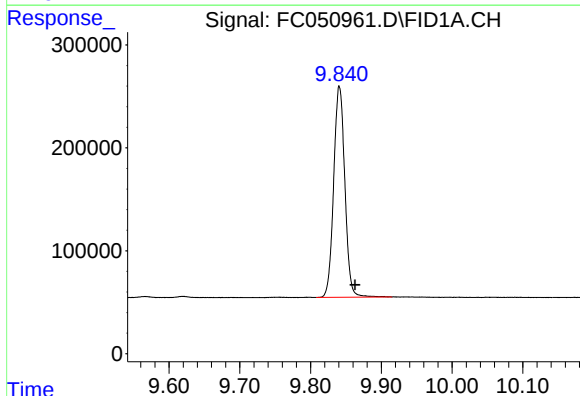
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.076 min
Delta R.T.: -0.019 min
Response: 2398620
Conc: 20.91 ug/ml



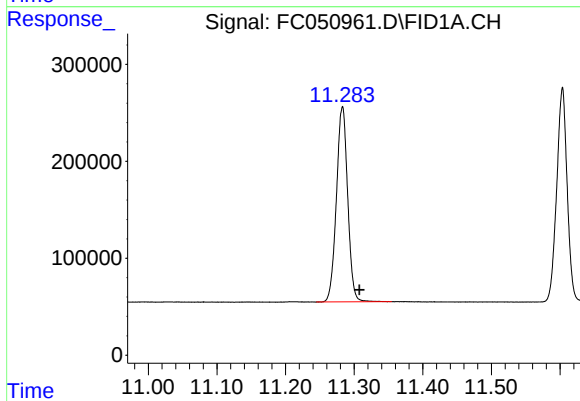
#6 n-Tetradecane (C14)

R.T.: 8.239 min
Delta R.T.: -0.022 min
Response: 2311152
Conc: 21.43 ug/ml



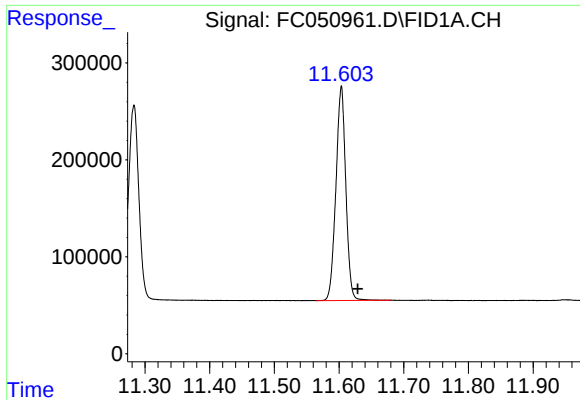
#7 n-Hexadecane (C16)

R.T.: 9.841 min
Delta R.T.: -0.022 min
Response: 2248803
Conc: 21.12 ug/ml



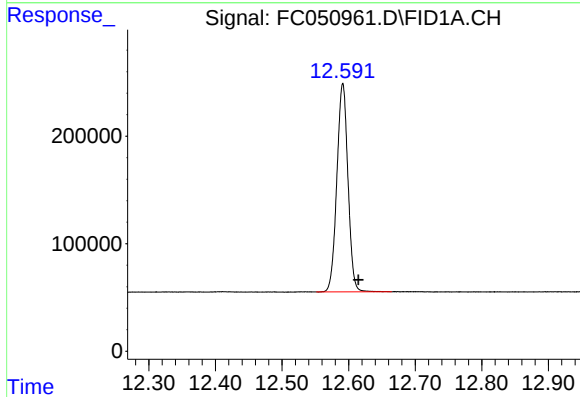
#8 n-Octadecane (C18)

R.T.: 11.283 min
Delta R.T.: -0.025 min
Response: 2298472
Conc: 20.43 ug/ml



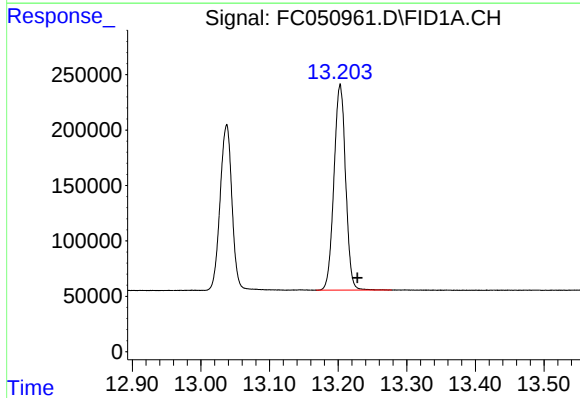
#9 ortho-Terphenyl (SURR)

R.T.: 11.603 min
Delta R.T.: -0.026 min
Response: 2350198
Conc: 19.13 ug/ml



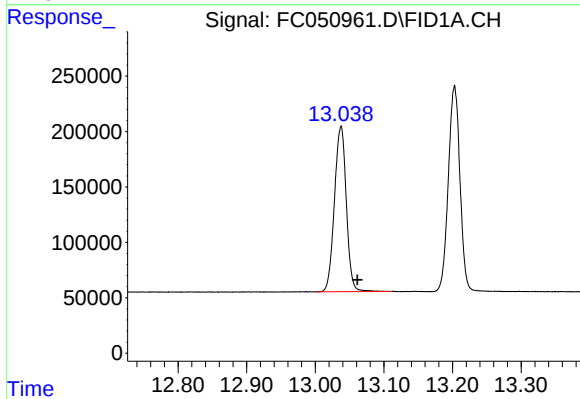
#10 n-Eicosane (C20)

R.T.: 12.591 min
Delta R.T.: -0.024 min
Response: 2239721
Conc: 19.62 ug/ml



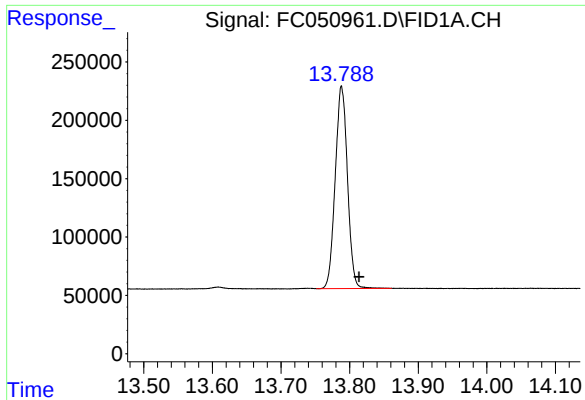
#11 n-Heneicosane (C21)

R.T.: 13.203 min
Delta R.T.: -0.025 min
Response: 2189736
Conc: 19.19 ug/ml



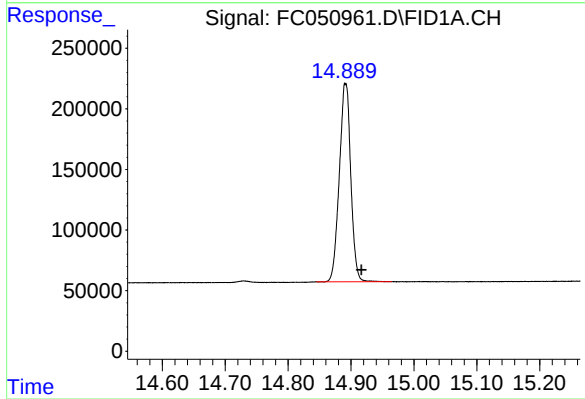
#12 1-chlorooctadecane (SURR)

R.T.: 13.037 min
Delta R.T.: -0.024 min
Response: 1792323
Conc: 18.56 ug/ml



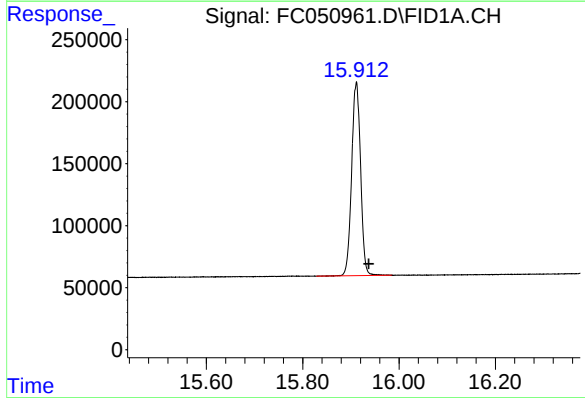
#13 n-Docosane (C22)

R.T.: 13.788 min
Delta R.T.: -0.025 min
Response: 2146043
Conc: 18.80 ug/ml



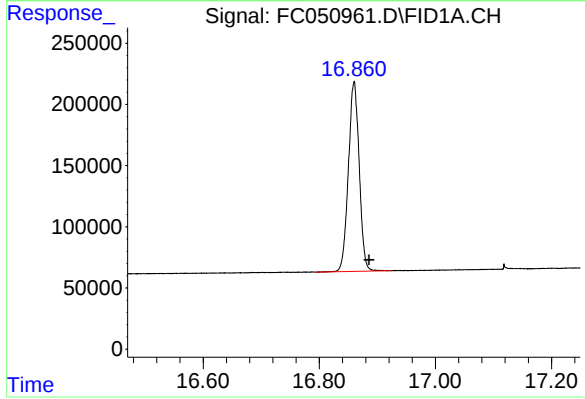
#14 n-Tetracosane (C24)

R.T.: 14.891 min
Delta R.T.: -0.025 min
Response: 2069931
Conc: 18.13 ug/ml



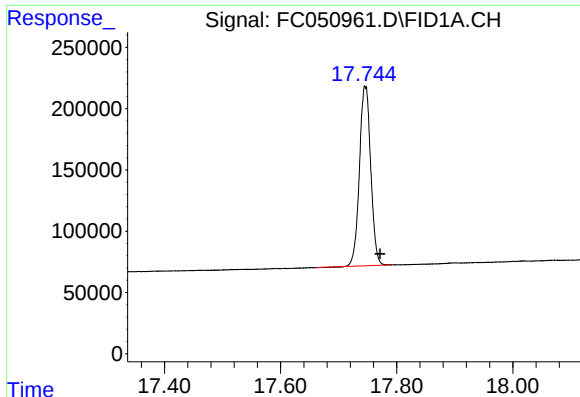
#15 n-Hexacosane (C26)

R.T.: 15.911 min
Delta R.T.: -0.025 min
Response: 2019238
Conc: 17.81 ug/ml



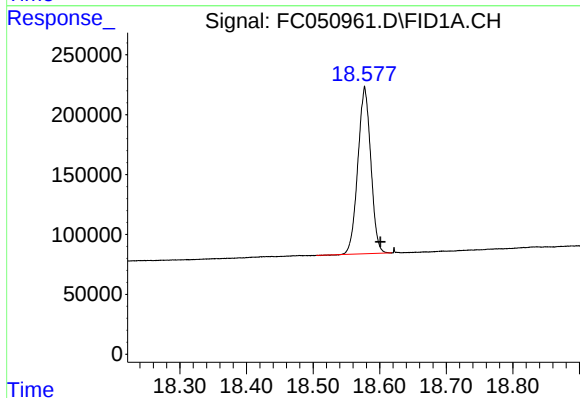
#16 n-Octacosane (C28)

R.T.: 16.860 min
Delta R.T.: -0.026 min
Response: 2002094
Conc: 17.64 ug/ml



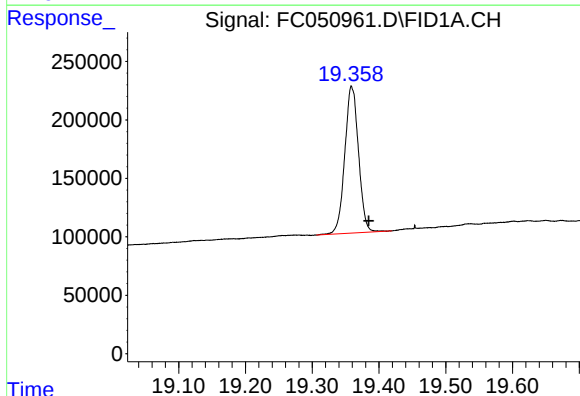
#17 n-Tricontane (C30)

R.T.: 17.746 min
Delta R.T.: -0.026 min
Response: 1975892
Conc: 17.77 ug/ml



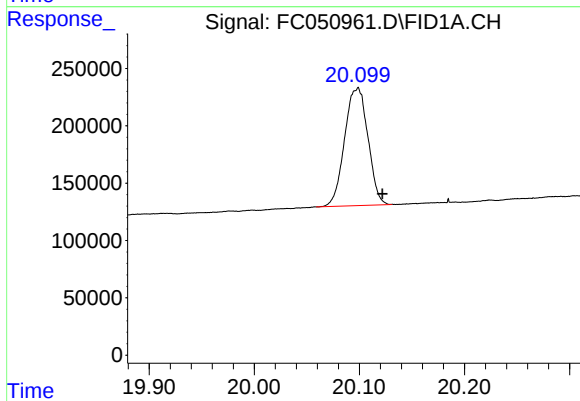
#18 n-Dotriacontane (C32)

R.T.: 18.578 min
Delta R.T.: -0.024 min
Response: 1873878
Conc: 18.16 ug/ml



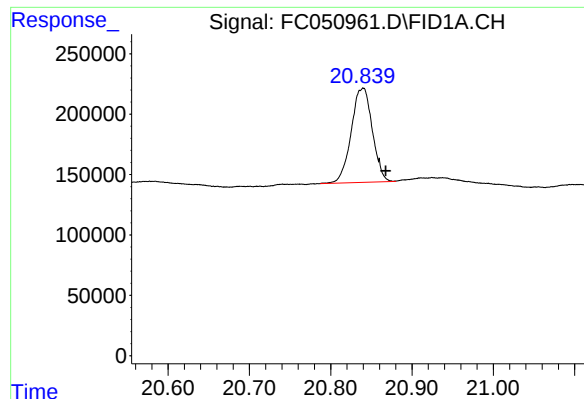
#19 n-Tetratriacontane (C34)

R.T.: 19.358 min
Delta R.T.: -0.026 min
Response: 1790853
Conc: 18.61 ug/ml m



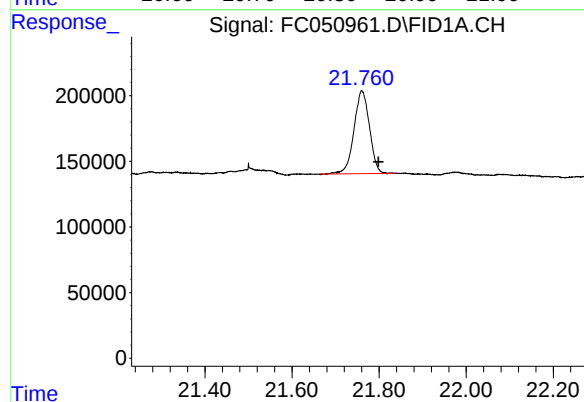
#20 n-Hexatriacontane (C36)

R.T.: 20.099 min
Delta R.T.: -0.023 min
Response: 1580769
Conc: 17.59 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 20.839 min
Delta R.T.: -0.028 min
Response: 1409646
Conc: 16.95 ug/ml m



#22 n-Tetracontane (C40)

R.T.: 21.761 min
Delta R.T.: -0.038 min
Response: 1560294
Conc: 18.65 ug/ml