

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC100319AL\
 Data File : FC043775.D
 Signal(s) : FID1A.CH
 Acq On : 04 Oct 2019 3:57
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Oct 04 08:27:47 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 092519.M
 Quant Title : GC Extractables
 QLast Update : Thu Sep 26 10:57:53 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)	11.577	2941749	19.382 ug/ml
Spiked Amount 50.000		Recovery =	38.76%
12) S 1-chlorooctadecane (S...	12.999	2265026	19.104 ug/ml
Spiked Amount 50.000		Recovery =	38.21%
Target Compounds			
1) T n-Nonane (C9)	3.429	2591149	21.431 ug/ml
2) T n-Decane (C10)	4.482	2632017	21.745 ug/ml
3) T A~Naphthalene (C11.7)	6.061	2566315	21.797 ug/ml
4) T n-Dodecane (C12)	6.473	2761278	21.832 ug/ml
5) T A~2-methylnaphthalene...	7.106	2564264	21.280 ug/ml
6) T n-Tetradecane (C14)	8.247	2780244	21.599 ug/ml
7) T n-Hexadecane (C16)	9.830	2805416	21.306 ug/ml
8) T n-Octadecane (C18)	11.257	2805354	20.568 ug/ml
10) T n-Eicosane (C20)	12.555	2755778	19.744 ug/ml
11) T n-Heneicosane (C21)	13.163	2742296	19.296 ug/ml
13) T n-Docosane (C22)	13.744	2689808	18.930 ug/ml
14) T n-Tetracosane (C24)	14.839	2592011	18.055 ug/ml
15) T n-Hexacosane (C26)	15.852	2497418	17.465 ug/ml
16) T n-Octacosane (C28)	16.795	2419244	17.066 ug/ml
17) T n-Tricontane (C30)	17.676	2390322	17.044 ug/ml
18) T n-Dotriacontane (C32)	18.501	2291521	17.251 ug/ml
19) T n-Tetratriacontane (C34)	19.281	2197704	17.590 ug/ml
20) T n-Hexatriacontane (C36)	20.017	2104010	18.203 ug/mlm
21) T n-Octatriacontane (C38)	20.740	2011597	18.900 ug/ml
22) T n-Tetracontane (C40)	21.619	2059469	19.697 ug/ml

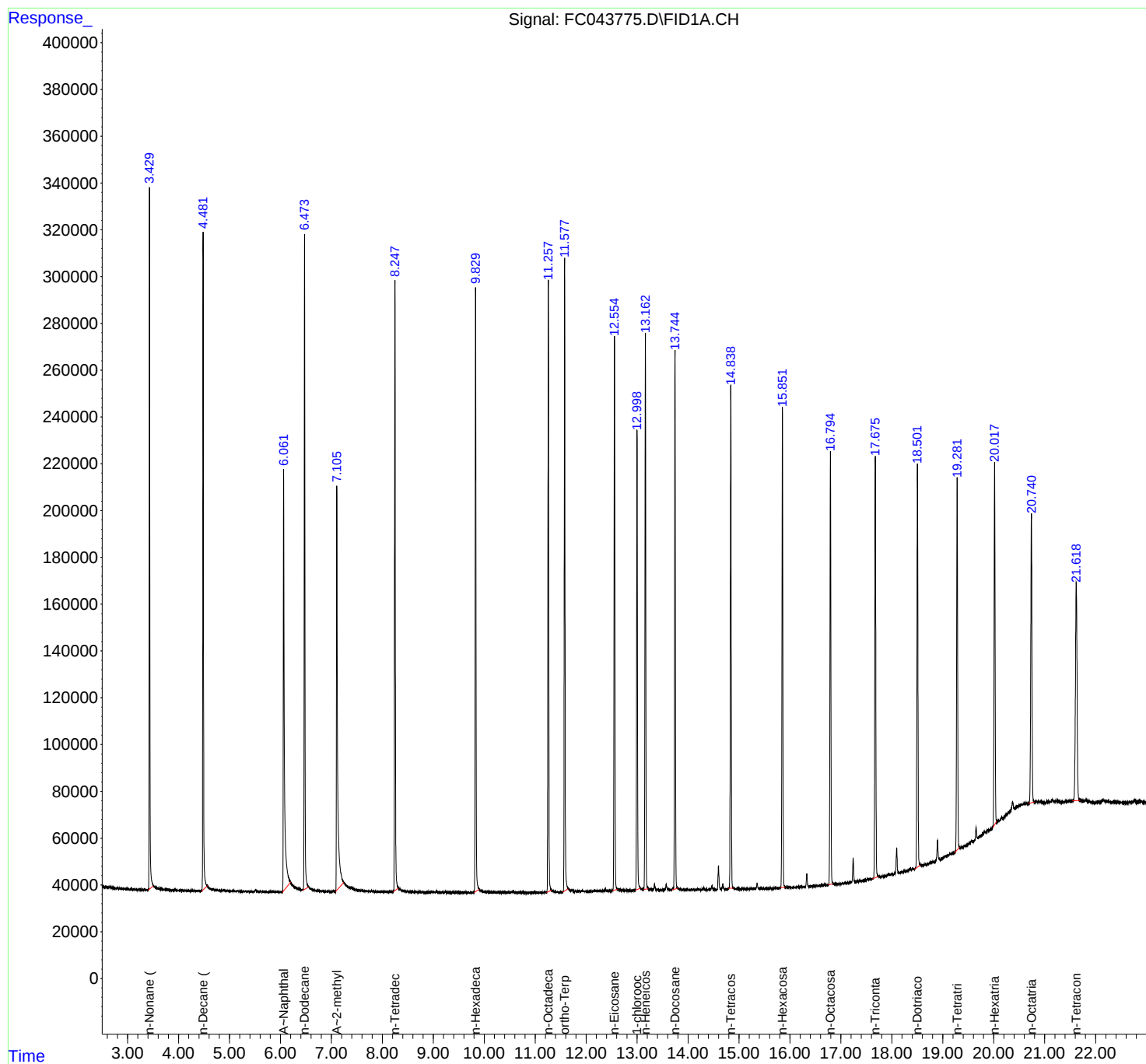
(f)=RT Delta > 1/2 Window

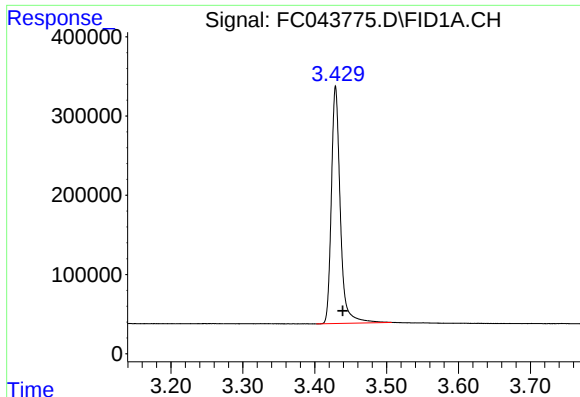
(m)=manual int.

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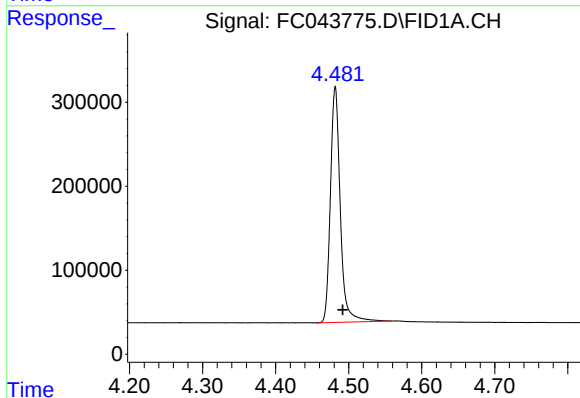
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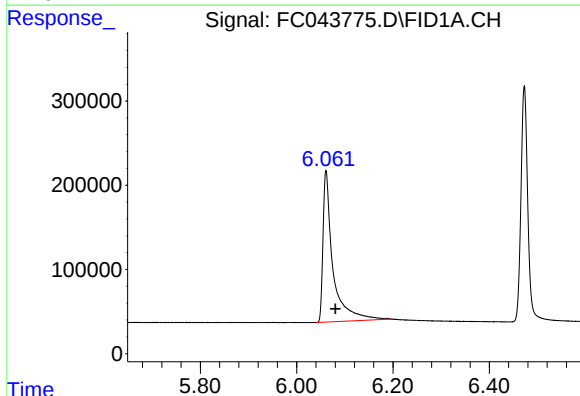
#1 n-Nonane (C9)

R.T.: 3.429 min
Delta R.T.: -0.010 min
Response: 2591149
Conc: 21.43 ug/ml



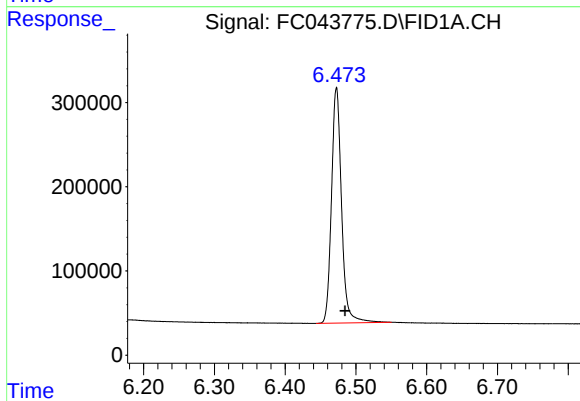
#2 n-Decane (C10)

R.T.: 4.482 min
Delta R.T.: -0.010 min
Response: 2632017
Conc: 21.75 ug/ml



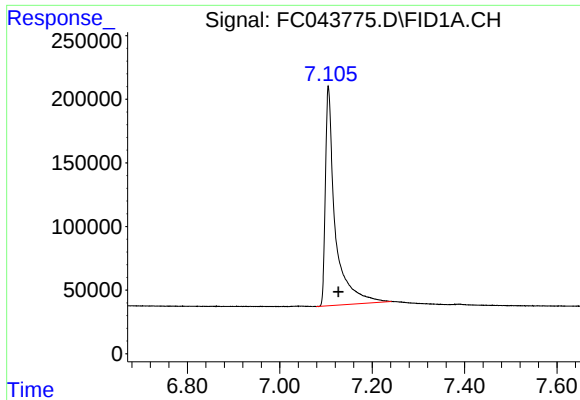
#3 A~Naphthalene (C11.7)

R.T.: 6.061 min
Delta R.T.: -0.019 min
Response: 2566315
Conc: 21.80 ug/ml



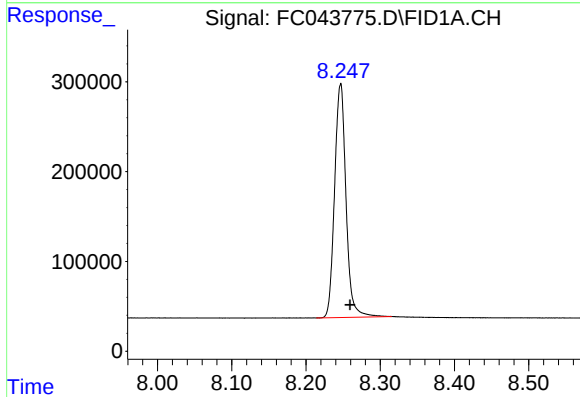
#4 n-Dodecane (C12)

R.T.: 6.473 min
Delta R.T.: -0.012 min
Response: 2761278
Conc: 21.83 ug/ml



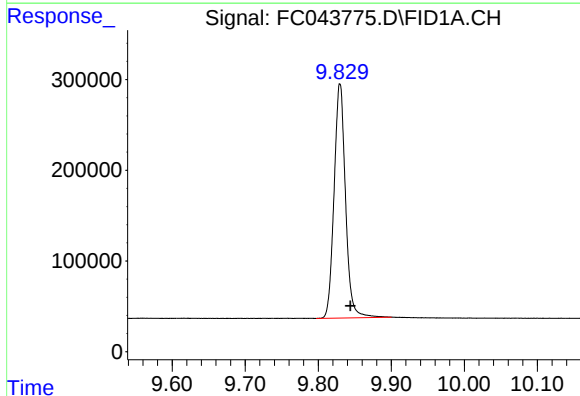
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.106 min
Delta R.T.: -0.022 min
Response: 2564264
Conc: 21.28 ug/ml



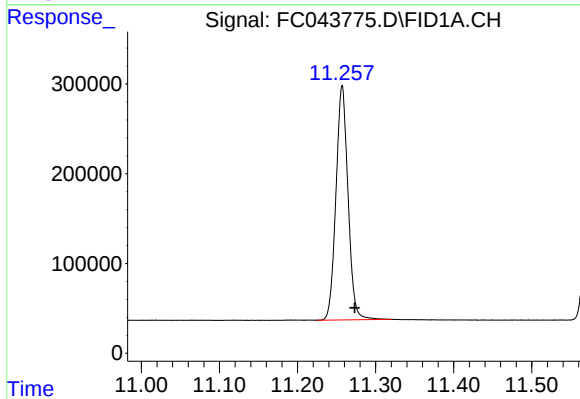
#6 n-Tetradecane (C14)

R.T.: 8.247 min
Delta R.T.: -0.013 min
Response: 2780244
Conc: 21.60 ug/ml



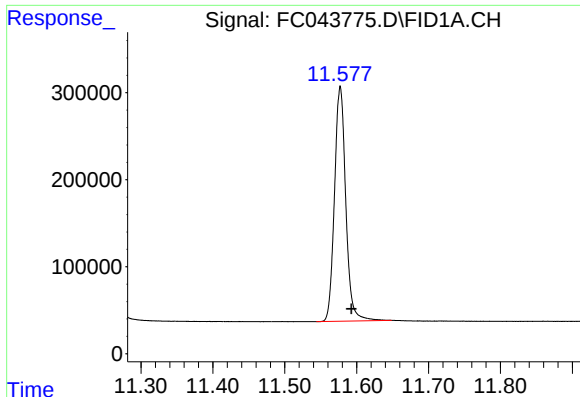
#7 n-Hexadecane (C16)

R.T.: 9.830 min
Delta R.T.: -0.014 min
Response: 2805416
Conc: 21.31 ug/ml



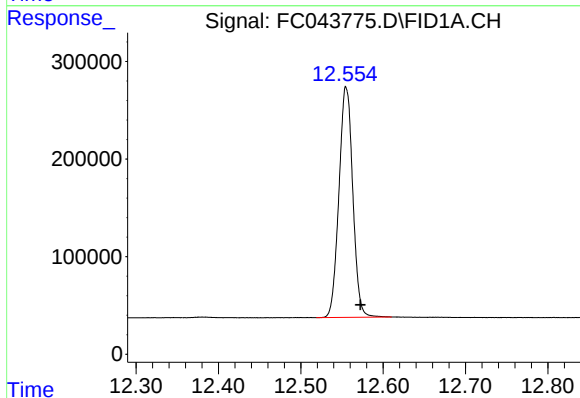
#8 n-Octadecane (C18)

R.T.: 11.257 min
Delta R.T.: -0.016 min
Response: 2805354
Conc: 20.57 ug/ml



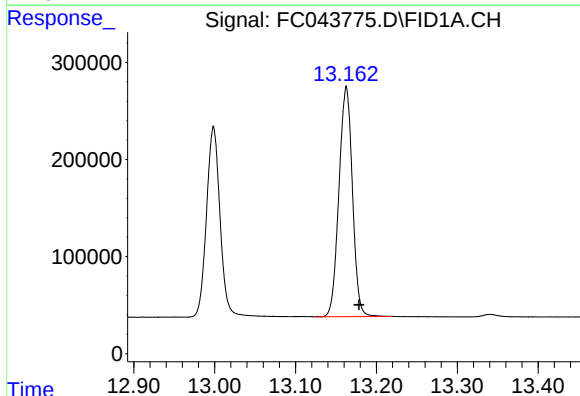
#9 ortho-Terphenyl (SURR)

R.T.: 11.577 min
Delta R.T.: -0.016 min
Response: 2941749
Conc: 19.38 ug/ml



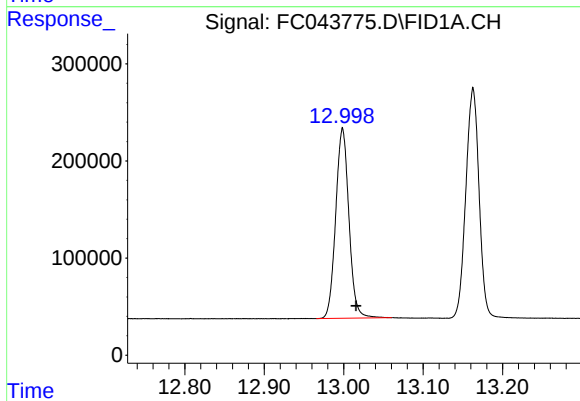
#10 n-Eicosane (C20)

R.T.: 12.555 min
Delta R.T.: -0.017 min
Response: 2755778
Conc: 19.74 ug/ml



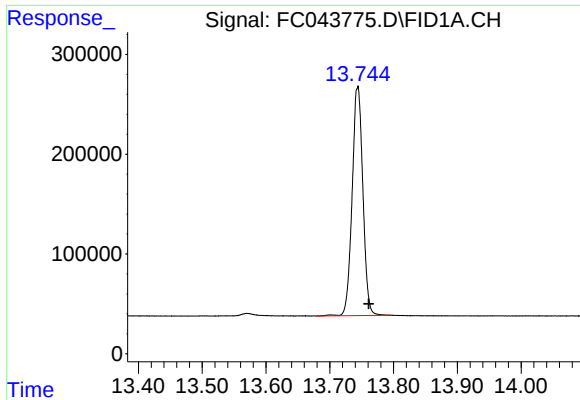
#11 n-Heneicosane (C21)

R.T.: 13.163 min
Delta R.T.: -0.016 min
Response: 2742296
Conc: 19.30 ug/ml



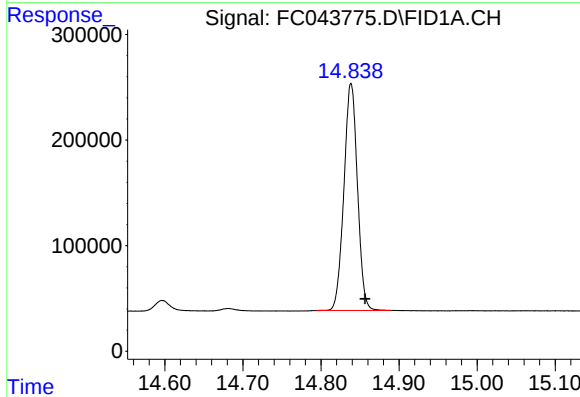
#12 1-chlorooctadecane (SURR)

R.T.: 12.999 min
Delta R.T.: -0.017 min
Response: 2265026
Conc: 19.10 ug/ml



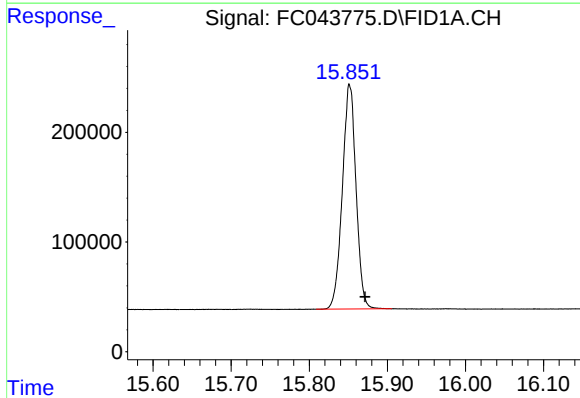
#13 n-Docosane (C22)

R.T.: 13.744 min
Delta R.T.: -0.017 min
Response: 2689808
Conc: 18.93 ug/ml



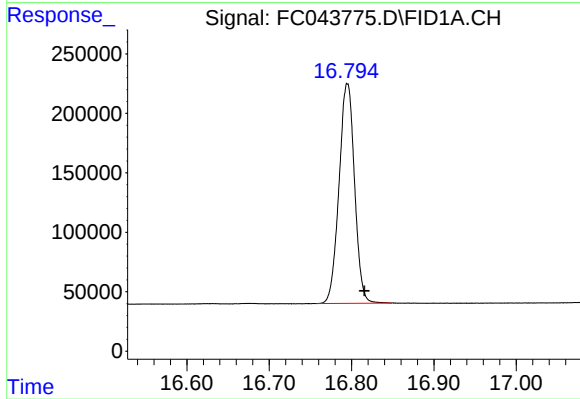
#14 n-Tetracosane (C24)

R.T.: 14.839 min
Delta R.T.: -0.018 min
Response: 2592011
Conc: 18.06 ug/ml



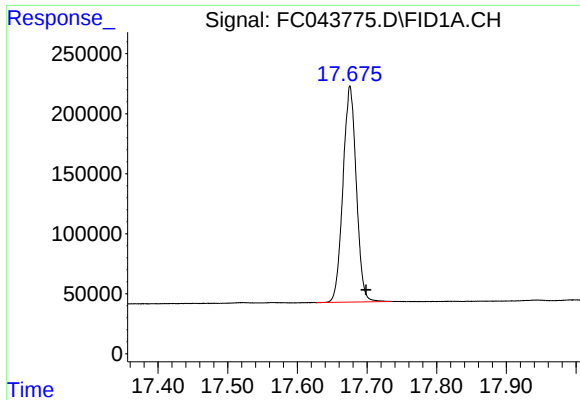
#15 n-Hexacosane (C26)

R.T.: 15.852 min
Delta R.T.: -0.019 min
Response: 2497418
Conc: 17.46 ug/ml



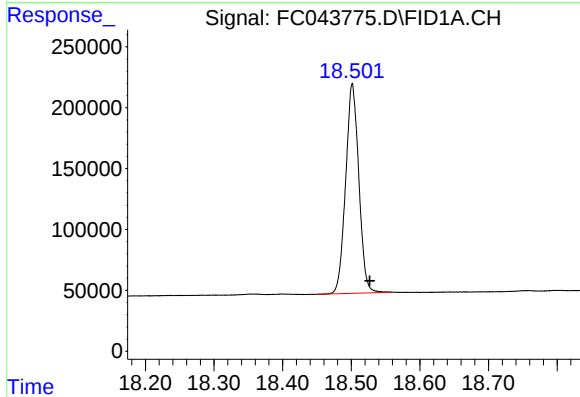
#16 n-Octacosane (C28)

R.T.: 16.795 min
Delta R.T.: -0.021 min
Response: 2419244
Conc: 17.07 ug/ml



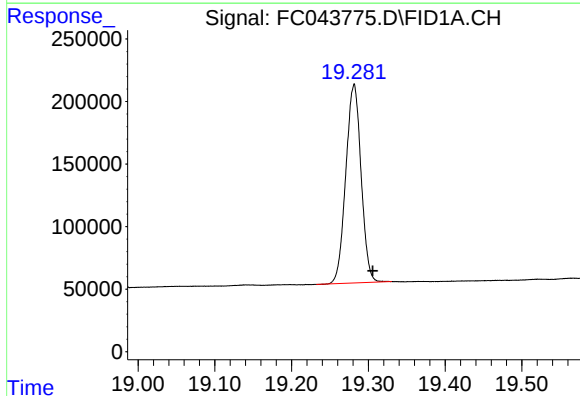
#17 n-Tricontane (C30)

R.T.: 17.676 min
Delta R.T.: -0.023 min
Response: 2390322
Conc: 17.04 ug/ml



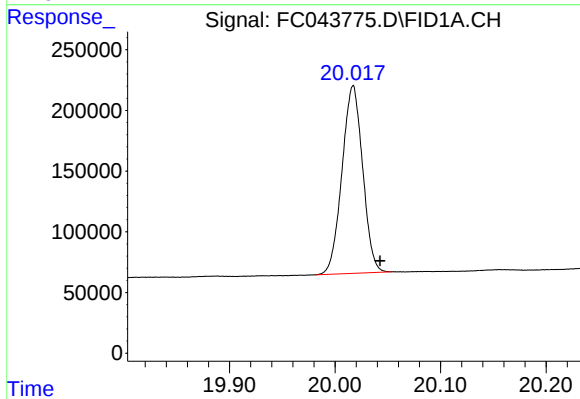
#18 n-Dotriacontane (C32)

R.T.: 18.501 min
Delta R.T.: -0.025 min
Response: 2291521
Conc: 17.25 ug/ml



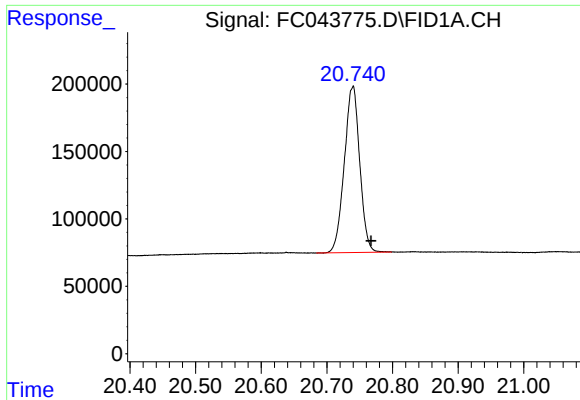
#19 n-Tetratriacontane (C34)

R.T.: 19.281 min
Delta R.T.: -0.024 min
Response: 2197704
Conc: 17.59 ug/ml



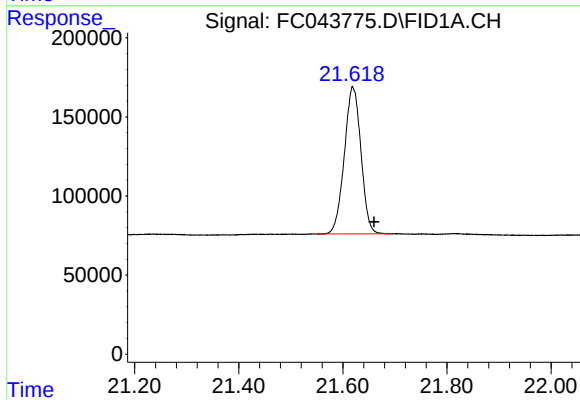
#20 n-Hexatriacontane (C36)

R.T.: 20.017 min
Delta R.T.: -0.025 min
Response: 2104010
Conc: 18.20 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 20.740 min
Delta R.T.: -0.028 min
Response: 2011597
Conc: 18.90 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.619 min
Delta R.T.: -0.041 min
Response: 2059469
Conc: 19.70 ug/ml