

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC100719AL\
 Data File : FC043815.D
 Signal(s) : FID1A.CH
 Acq On : 08 Oct 2019 3:42
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Oct 08 09:16:57 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)	11.578	2980299	19.636 ug/ml
Spiked Amount 50.000		Recovery =	39.27%
12) S 1-chlorooctadecane (S...	12.999	2282498	19.252 ug/ml
Spiked Amount 50.000		Recovery =	38.50%
Target Compounds			
1) T n-Nonane (C9)	3.428	2625502	21.716 ug/ml
2) T n-Decane (C10)	4.481	2685776	22.189 ug/ml
3) T A~Naphthalene (C11.7)	6.060	2681521	22.776 ug/ml
4) T n-Dodecane (C12)	6.473	2802864	22.160 ug/ml
5) T A~2-methylnaphthalene...	7.105	2693174	22.349 ug/ml
6) T n-Tetradecane (C14)	8.247	2831862	22.000 ug/ml
7) T n-Hexadecane (C16)	9.831	2848078	21.630 ug/ml
8) T n-Octadecane (C18)	11.259	2831393	20.759 ug/ml
10) T n-Eicosane (C20)	12.556	2775943	19.889 ug/ml
11) T n-Heneicosane (C21)	13.164	2750284	19.353 ug/ml
13) T n-Docosane (C22)	13.745	2686415	18.907 ug/ml
14) T n-Tetracosane (C24)	14.840	2587716	18.025 ug/ml
15) T n-Hexacosane (C26)	15.854	2493453	17.437 ug/ml
16) T n-Octacosane (C28)	16.796	2434112	17.171 ug/ml
17) T n-Tricontane (C30)	17.680	2431386	17.337 ug/ml
18) T n-Dotriacontane (C32)	18.507	2361987	17.781 ug/ml
19) T n-Tetratriacontane (C34)	19.287	2329815	18.647 ug/ml
20) T n-Hexatriacontane (C36)	20.023	2001771	17.319 ug/ml
21) T n-Octatriacontane (C38)	20.746	2083869	19.579 ug/ml
22) T n-Tetracontane (C40)	21.629	2182380	20.873 ug/ml

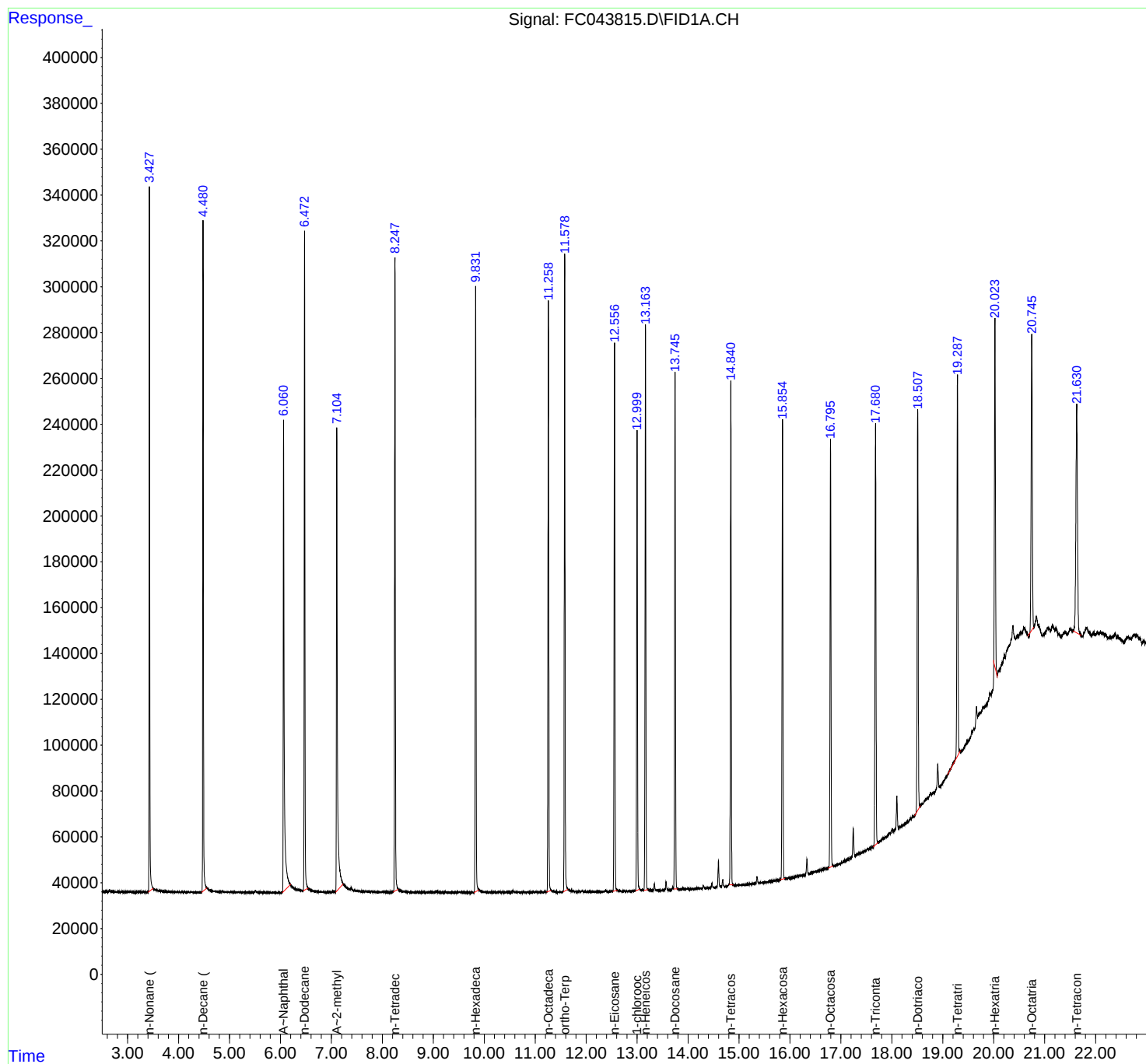
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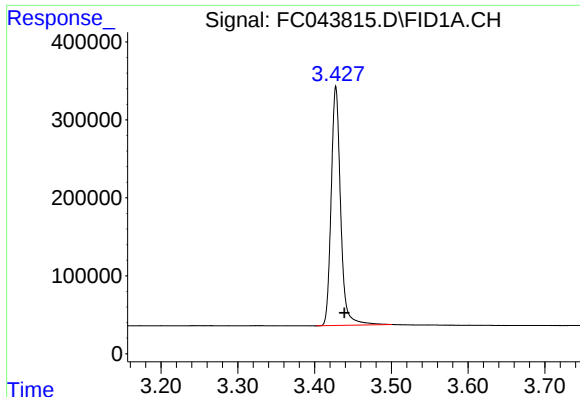
(m)=manual int.

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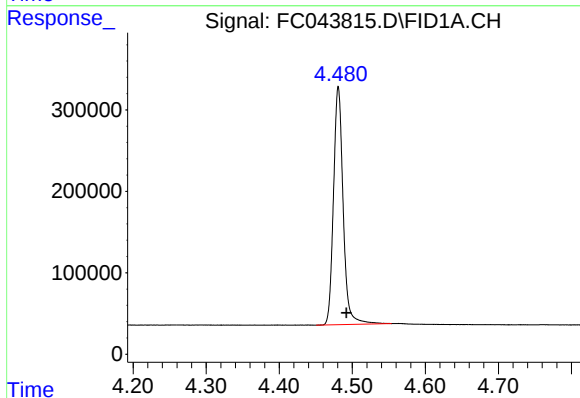
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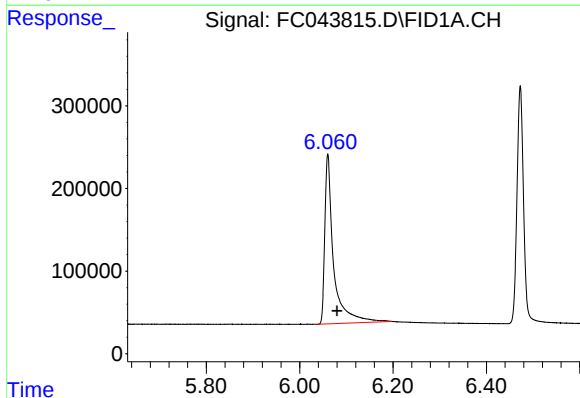
#1 n-Nonane (C9)

R.T.: 3.428 min
Delta R.T.: -0.011 min
Response: 2625502
Conc: 21.72 ug/ml



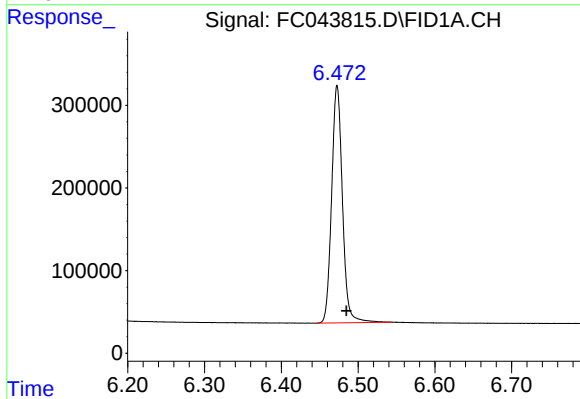
#2 n-Decane (C10)

R.T.: 4.481 min
Delta R.T.: -0.011 min
Response: 2685776
Conc: 22.19 ug/ml



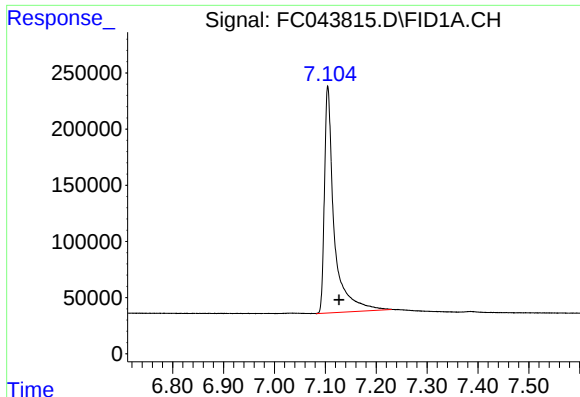
#3 A~Naphthalene (C11.7)

R.T.: 6.060 min
Delta R.T.: -0.020 min
Response: 2681521
Conc: 22.78 ug/ml



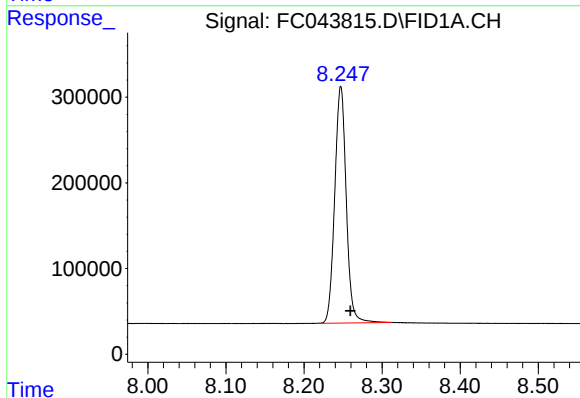
#4 n-Dodecane (C12)

R.T.: 6.473 min
Delta R.T.: -0.012 min
Response: 2802864
Conc: 22.16 ug/ml



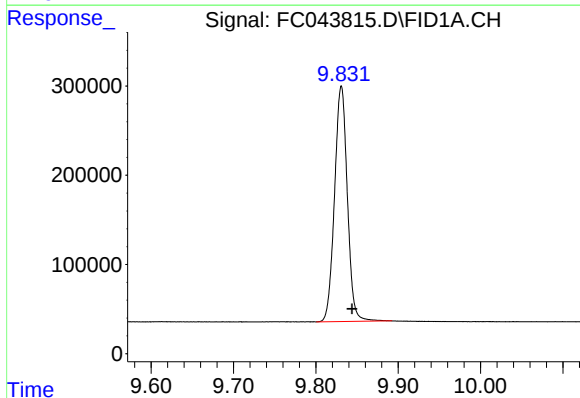
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.105 min
Delta R.T.: -0.022 min
Response: 2693174
Conc: 22.35 ug/ml



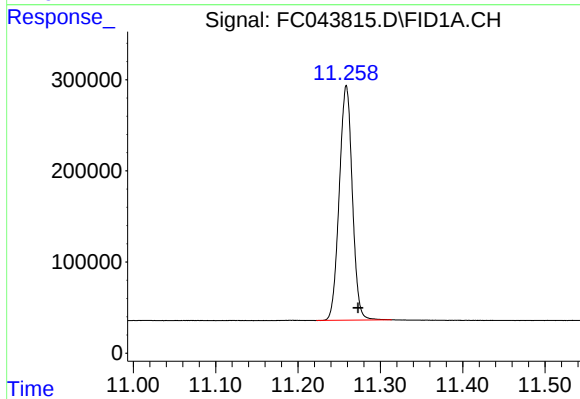
#6 n-Tetradecane (C14)

R.T.: 8.247 min
Delta R.T.: -0.012 min
Response: 2831862
Conc: 22.00 ug/ml



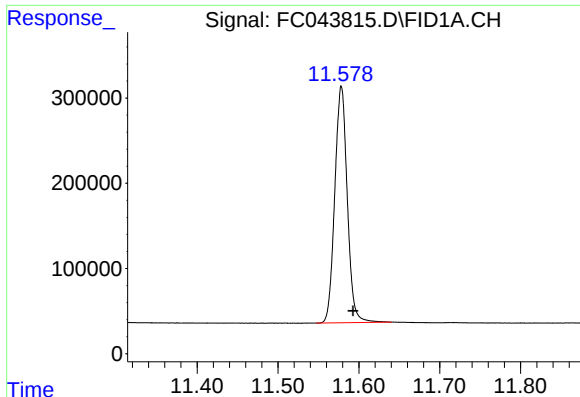
#7 n-Hexadecane (C16)

R.T.: 9.831 min
Delta R.T.: -0.013 min
Response: 2848078
Conc: 21.63 ug/ml



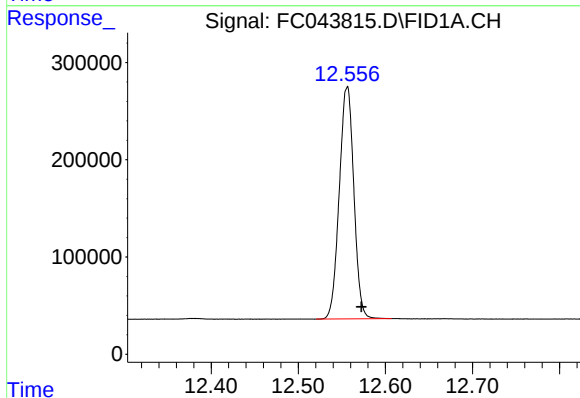
#8 n-Octadecane (C18)

R.T.: 11.259 min
Delta R.T.: -0.014 min
Response: 2831393
Conc: 20.76 ug/ml



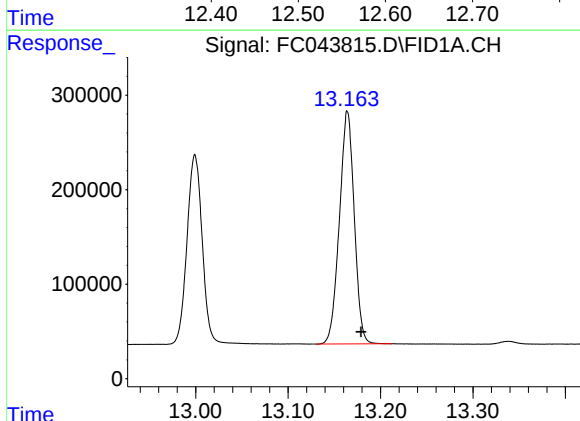
#9 ortho-Terphenyl (SURR)

R.T.: 11.578 min
Delta R.T.: -0.014 min
Response: 2980299
Conc: 19.64 ug/ml



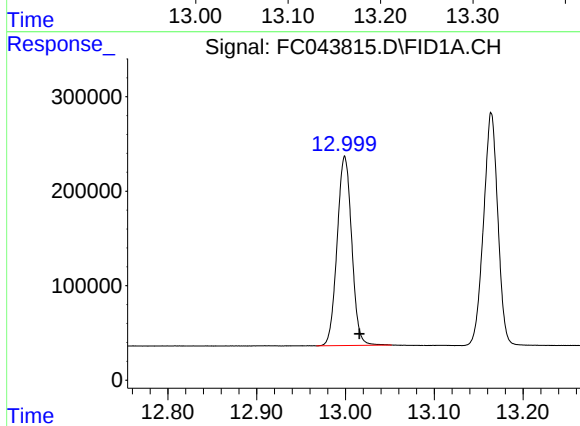
#10 n-Eicosane (C20)

R.T.: 12.556 min
Delta R.T.: -0.016 min
Response: 2775943
Conc: 19.89 ug/ml



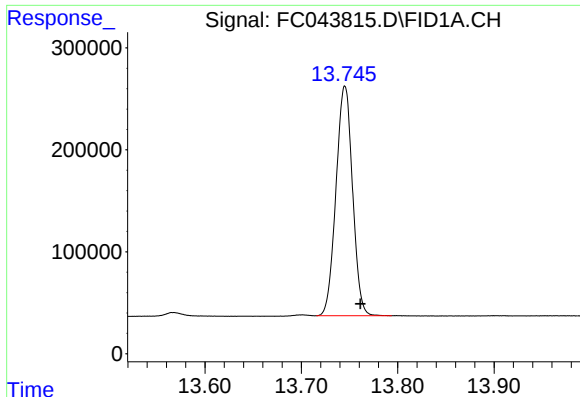
#11 n-Heneicosane (C21)

R.T.: 13.164 min
Delta R.T.: -0.014 min
Response: 2750284
Conc: 19.35 ug/ml



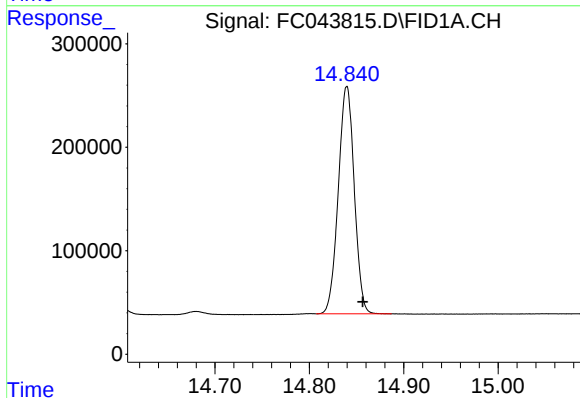
#12 1-chlorooctadecane (SURR)

R.T.: 12.999 min
Delta R.T.: -0.016 min
Response: 2282498
Conc: 19.25 ug/ml



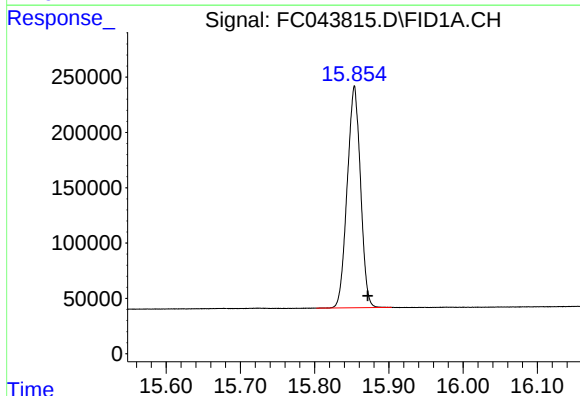
#13 n-Docosane (C22)

R.T.: 13.745 min
Delta R.T.: -0.016 min
Response: 2686415
Conc: 18.91 ug/ml



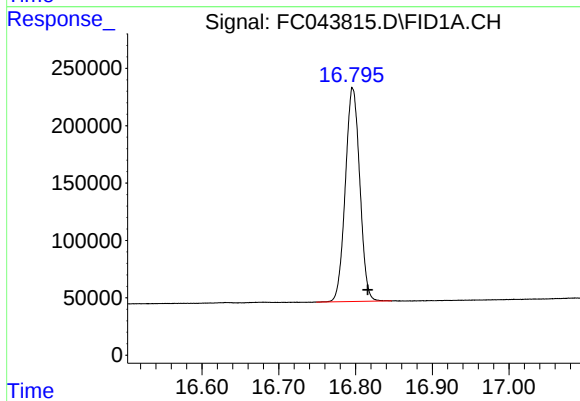
#14 n-Tetracosane (C24)

R.T.: 14.840 min
Delta R.T.: -0.017 min
Response: 2587716
Conc: 18.03 ug/ml



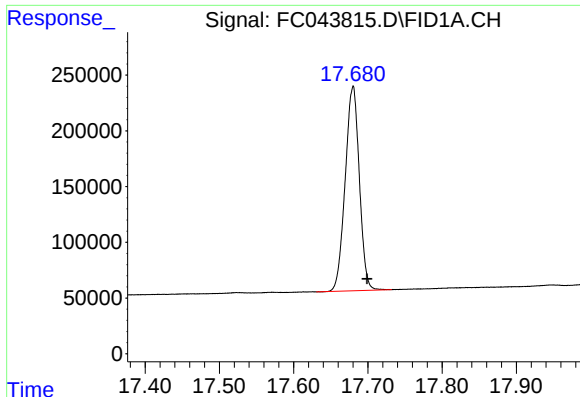
#15 n-Hexacosane (C26)

R.T.: 15.854 min
Delta R.T.: -0.018 min
Response: 2493453
Conc: 17.44 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.796 min
Delta R.T.: -0.019 min
Response: 2434112
Conc: 17.17 ug/ml



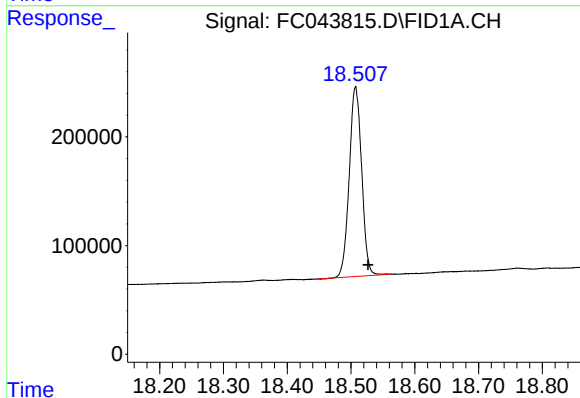
#17 n-Tricontane (C30)

R.T.: 17.680 min

Delta R.T.: -0.019 min

Response: 2431386

Conc: 17.34 ug/ml



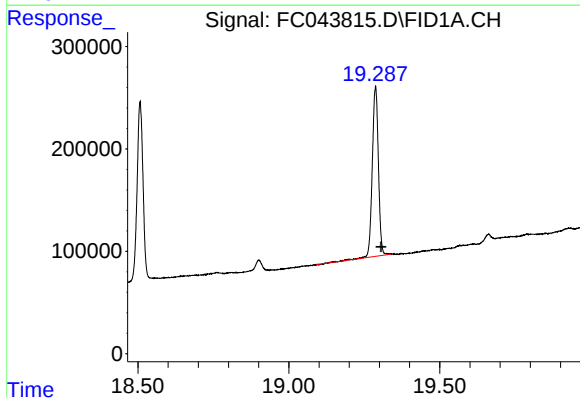
#18 n-Dotriacontane (C32)

R.T.: 18.507 min

Delta R.T.: -0.020 min

Response: 2361987

Conc: 17.78 ug/ml



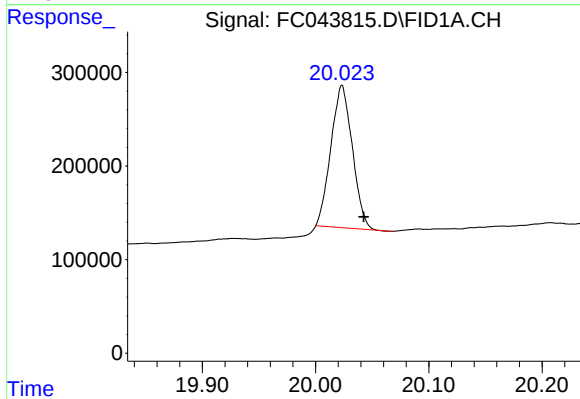
#19 n-Tetratriacontane (C34)

R.T.: 19.287 min

Delta R.T.: -0.019 min

Response: 2329815

Conc: 18.65 ug/ml



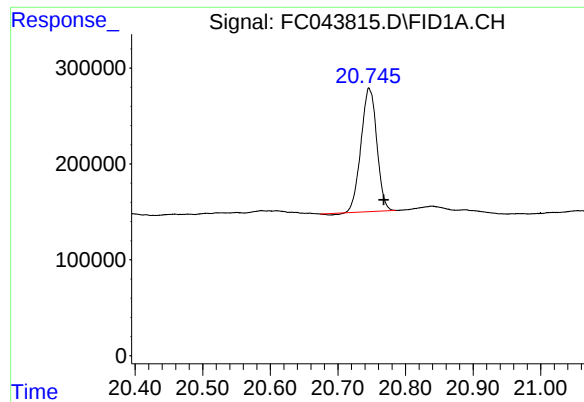
#20 n-Hexatriacontane (C36)

R.T.: 20.023 min

Delta R.T.: -0.019 min

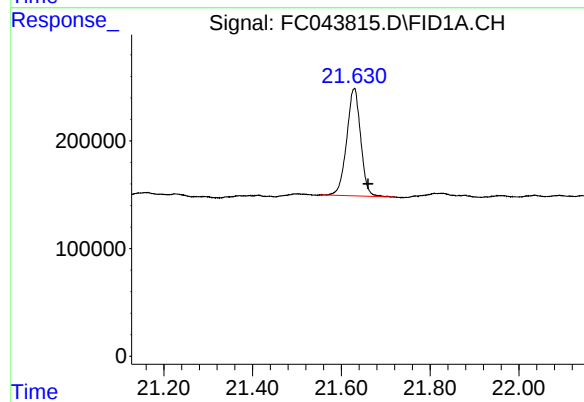
Response: 2001771

Conc: 17.32 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.746 min
Delta R.T.: -0.021 min
Response: 2083869
Conc: 19.58 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.629 min
Delta R.T.: -0.031 min
Response: 2182380
Conc: 20.87 ug/ml