

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC100319AL\
 Data File : FC043792.D
 Signal(s) : FID1A.CH
 Acq On : 04 Oct 2019 14:10
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Oct 04 14:34:32 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)	11.576	2903257	19.128 ug/ml
Spiked Amount 50.000		Recovery =	38.26%
12) S 1-chlorooctadecane (S...	12.997	2215153	18.684 ug/ml
Spiked Amount 50.000		Recovery =	37.37%
Target Compounds			
1) T n-Nonane (C9)	3.429	2599071	21.497 ug/ml
2) T n-Decane (C10)	4.482	2659519	21.972 ug/ml
3) T A~Naphthalene (C11.7)	6.061	2554587	21.698 ug/ml
4) T n-Dodecane (C12)	6.472	2778867	21.971 ug/ml
5) T A~2-methylnaphthalene...	7.104	2605220	21.620 ug/ml
6) T n-Tetradecane (C14)	8.245	2795734	21.719 ug/ml
7) T n-Hexadecane (C16)	9.829	2787380	21.169 ug/ml
8) T n-Octadecane (C18)	11.257	2765915	20.279 ug/ml
10) T n-Eicosane (C20)	12.555	2699078	19.338 ug/ml
11) T n-Heneicosane (C21)	13.162	2678003	18.844 ug/ml
13) T n-Docosane (C22)	13.743	2624359	18.470 ug/ml
14) T n-Tetracosane (C24)	14.838	2520459	17.557 ug/ml
15) T n-Hexacosane (C26)	15.851	2441195	17.072 ug/ml
16) T n-Octacosane (C28)	16.795	2382039	16.804 ug/ml
17) T n-Tricontane (C30)	17.676	2371759	16.911 ug/ml
18) T n-Dotriacontane (C32)	18.504	2289847	17.238 ug/ml
19) T n-Tetratriacontane (C34)	19.283	2189376	17.523 ug/ml
20) T n-Hexatriacontane (C36)	20.021	2158322	18.673 ug/mlm
21) T n-Octatriacontane (C38)	20.741	2040685	19.173 ug/mlm
22) T n-Tetracontane (C40)	21.623	2087336	19.964 ug/ml

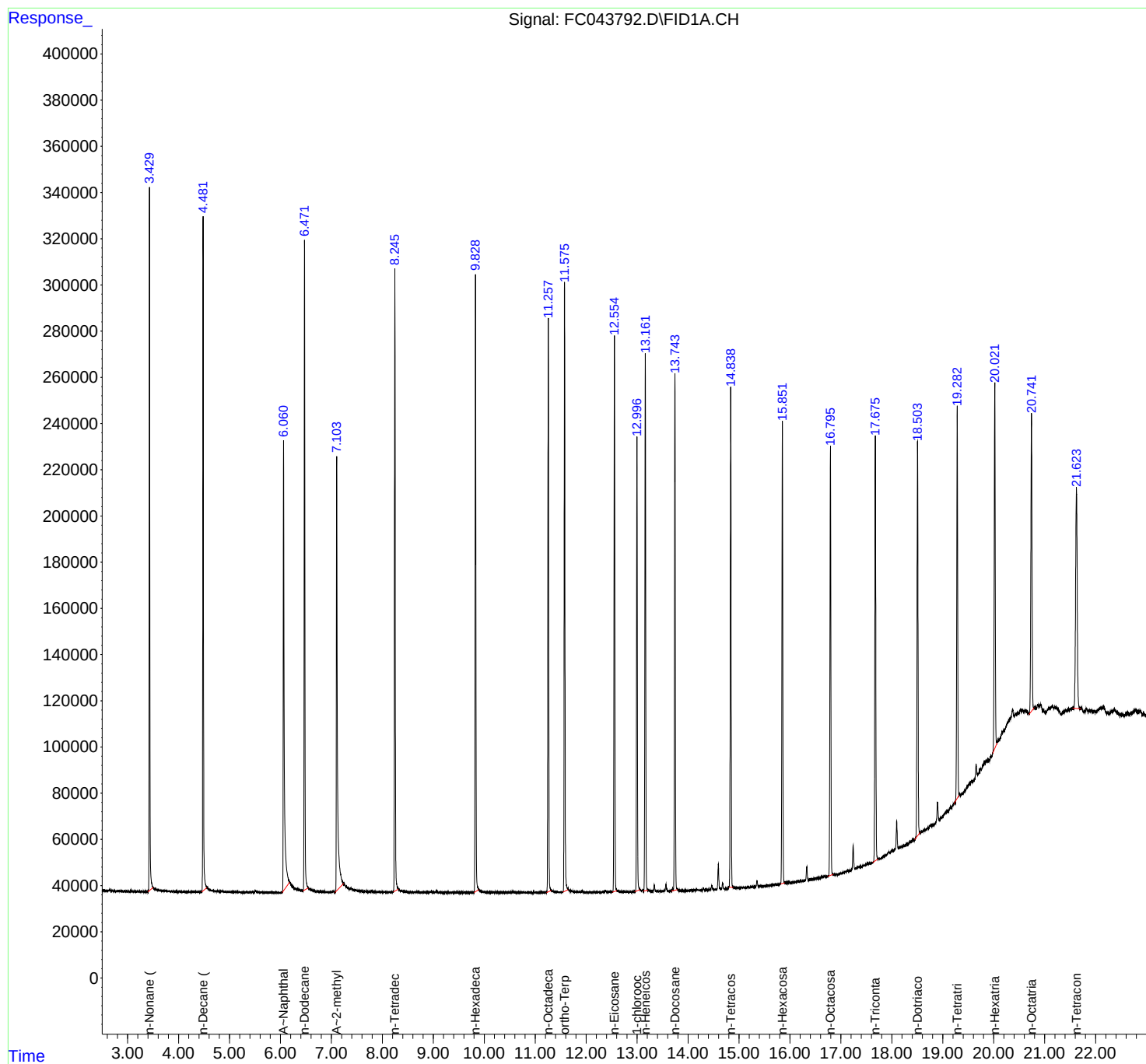
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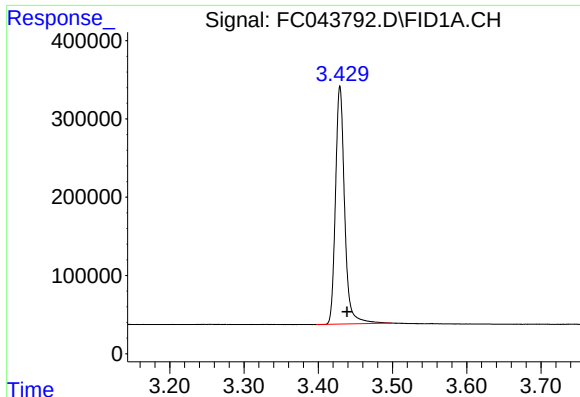
(m)=manual int.

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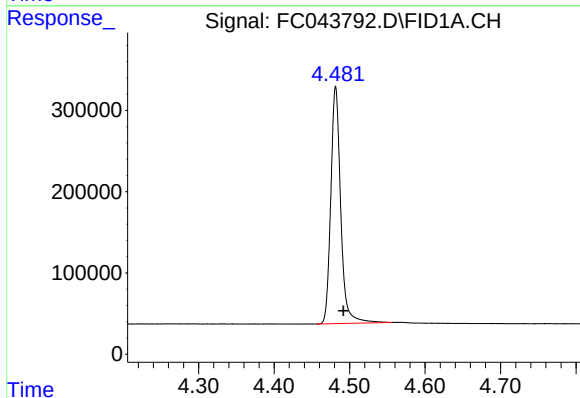
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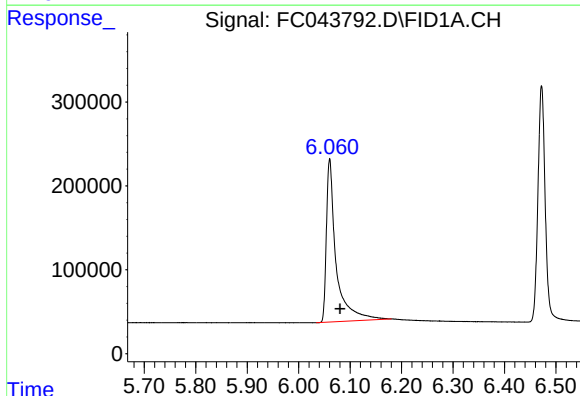
#1 n-Nonane (C9)

R.T.: 3.429 min
Delta R.T.: -0.010 min
Response: 2599071
Conc: 21.50 ug/ml



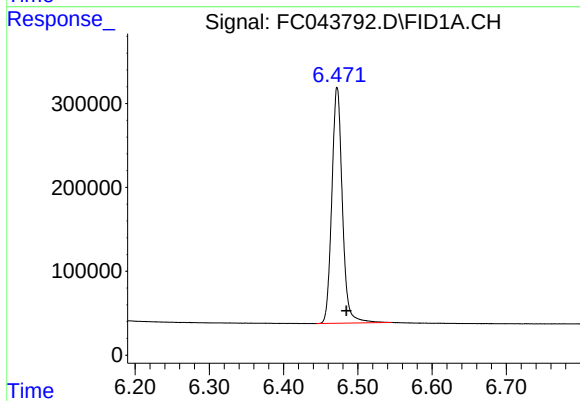
#2 n-Decane (C10)

R.T.: 4.482 min
Delta R.T.: -0.010 min
Response: 2659519
Conc: 21.97 ug/ml



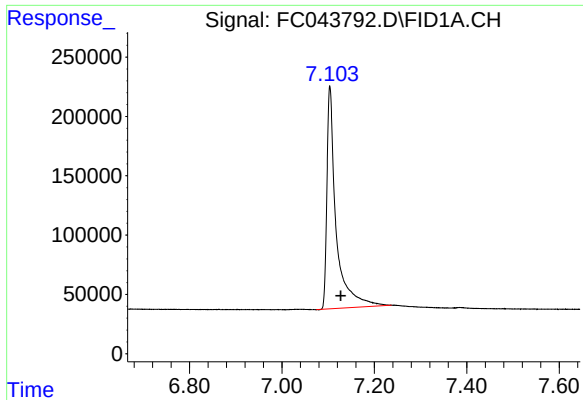
#3 A~Naphthalene (C11.7)

R.T.: 6.061 min
Delta R.T.: -0.020 min
Response: 2554587
Conc: 21.70 ug/ml



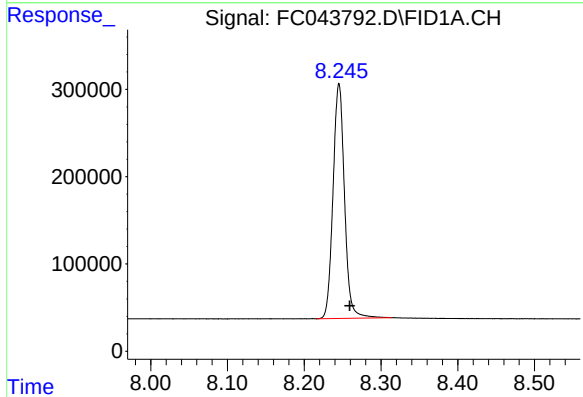
#4 n-Dodecane (C12)

R.T.: 6.472 min
Delta R.T.: -0.013 min
Response: 2778867
Conc: 21.97 ug/ml



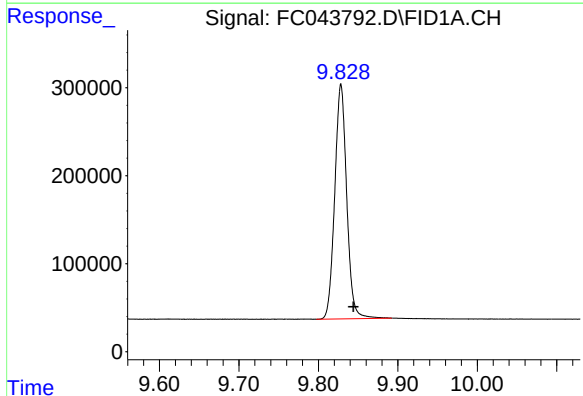
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.104 min
Delta R.T.: -0.023 min
Response: 2605220
Conc: 21.62 ug/ml



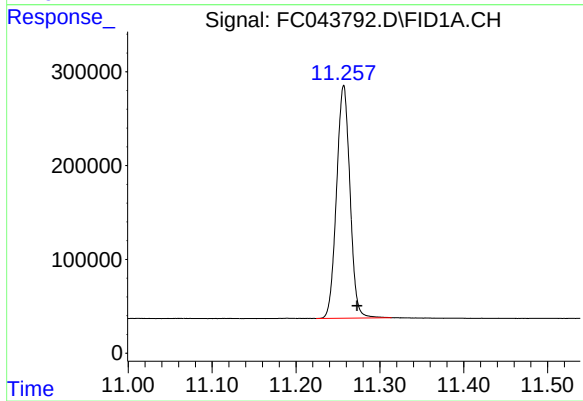
#6 n-Tetradecane (C14)

R.T.: 8.245 min
Delta R.T.: -0.014 min
Response: 2795734
Conc: 21.72 ug/ml



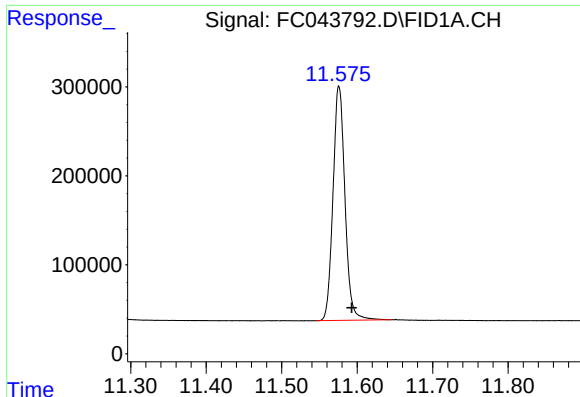
#7 n-Hexadecane (C16)

R.T.: 9.829 min
Delta R.T.: -0.016 min
Response: 2787380
Conc: 21.17 ug/ml



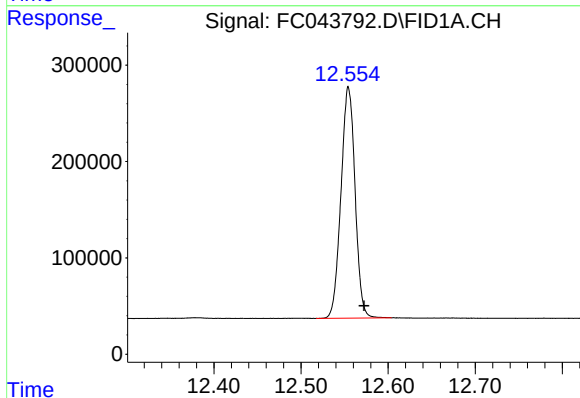
#8 n-Octadecane (C18)

R.T.: 11.257 min
Delta R.T.: -0.016 min
Response: 2765915
Conc: 20.28 ug/ml



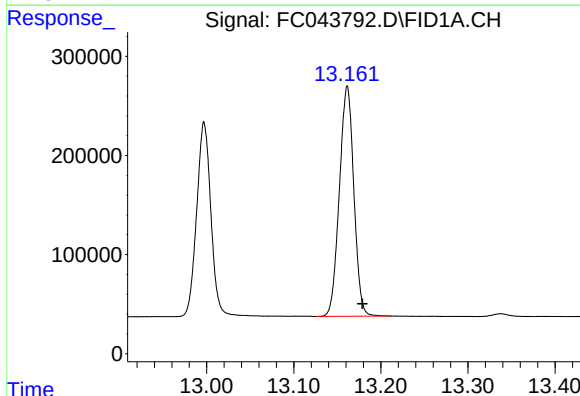
#9 ortho-Terphenyl (SURR)

R.T.: 11.576 min
Delta R.T.: -0.017 min
Response: 2903257
Conc: 19.13 ug/ml



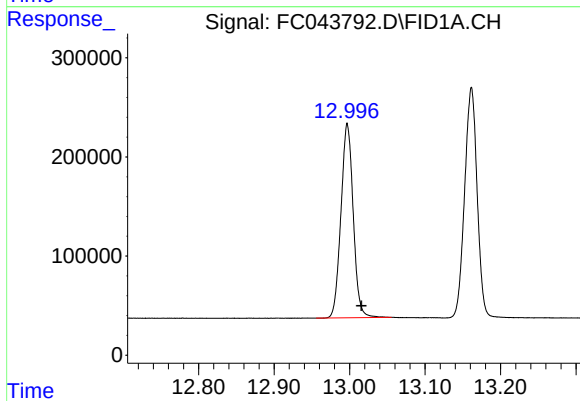
#10 n-Eicosane (C20)

R.T.: 12.555 min
Delta R.T.: -0.018 min
Response: 2699078
Conc: 19.34 ug/ml



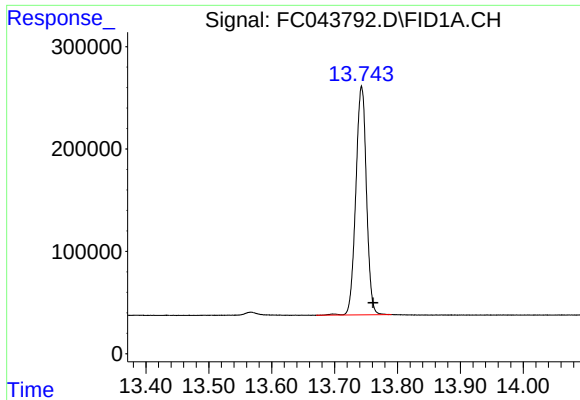
#11 n-Heneicosane (C21)

R.T.: 13.162 min
Delta R.T.: -0.017 min
Response: 2678003
Conc: 18.84 ug/ml



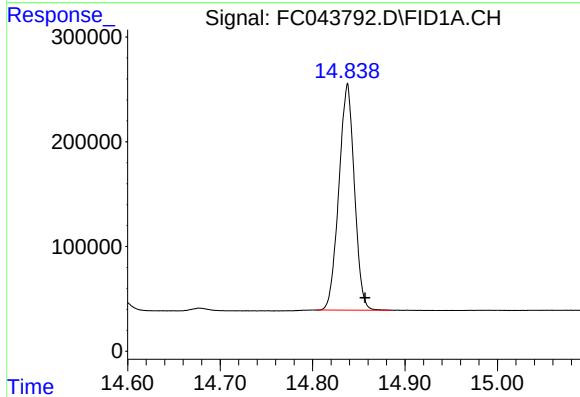
#12 1-chlorooctadecane (SURR)

R.T.: 12.997 min
Delta R.T.: -0.019 min
Response: 2215153
Conc: 18.68 ug/ml



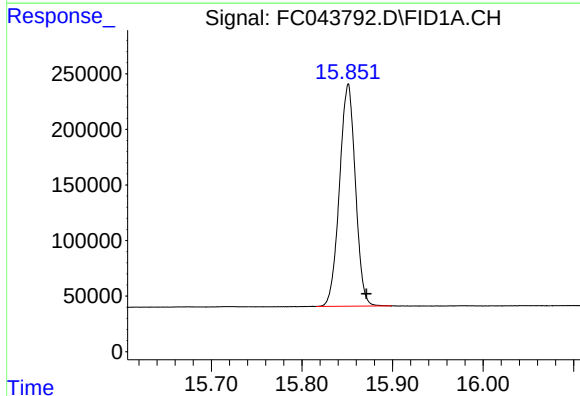
#13 n-Docosane (C22)

R.T.: 13.743 min
Delta R.T.: -0.018 min
Response: 2624359
Conc: 18.47 ug/ml



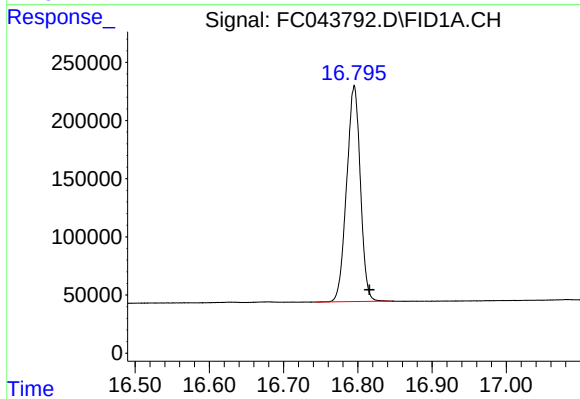
#14 n-Tetracosane (C24)

R.T.: 14.838 min
Delta R.T.: -0.019 min
Response: 2520459
Conc: 17.56 ug/ml



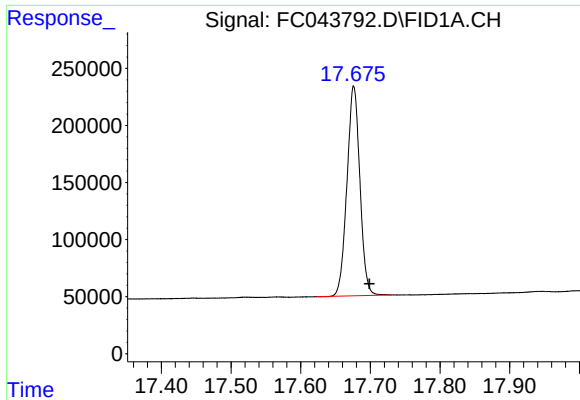
#15 n-Hexacosane (C26)

R.T.: 15.851 min
Delta R.T.: -0.020 min
Response: 2441195
Conc: 17.07 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.795 min
Delta R.T.: -0.021 min
Response: 2382039
Conc: 16.80 ug/ml



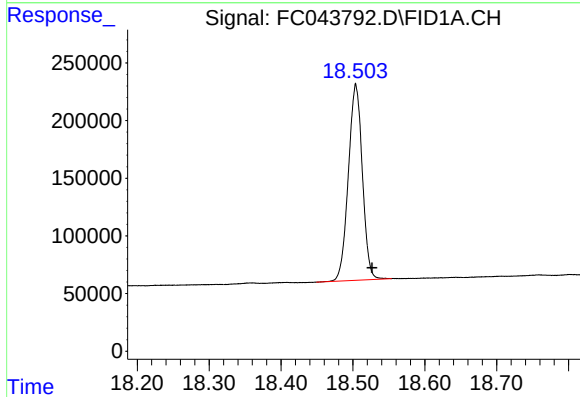
#17 n-Tricontane (C30)

R.T.: 17.676 min

Delta R.T.: -0.023 min

Response: 2371759

Conc: 16.91 ug/ml



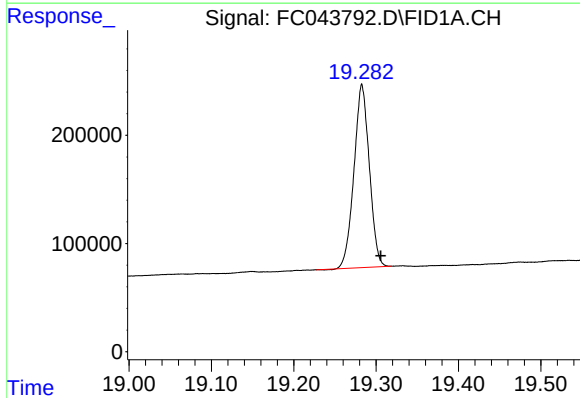
#18 n-Dotriacontane (C32)

R.T.: 18.504 min

Delta R.T.: -0.023 min

Response: 2289847

Conc: 17.24 ug/ml



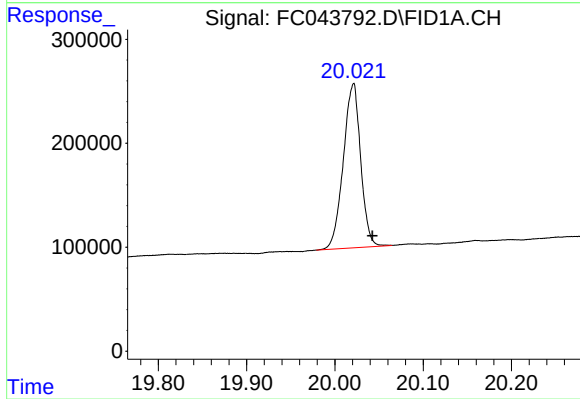
#19 n-Tetratriacontane (C34)

R.T.: 19.283 min

Delta R.T.: -0.023 min

Response: 2189376

Conc: 17.52 ug/ml



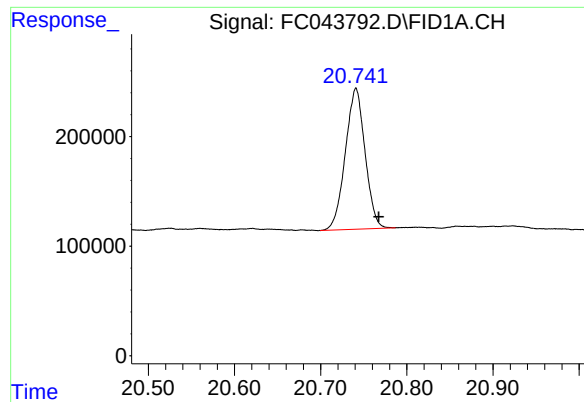
#20 n-Hexatriacontane (C36)

R.T.: 20.021 min

Delta R.T.: -0.021 min

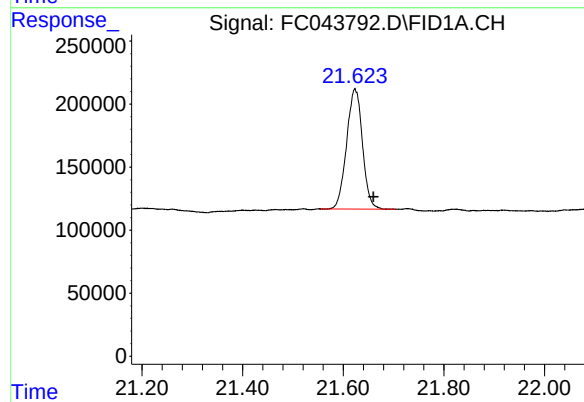
Response: 2158322

Conc: 18.67 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 20.741 min
Delta R.T.: -0.027 min
Response: 2040685
Conc: 19.17 ug/ml m



#22 n-Tetracontane (C40)

R.T.: 21.623 min
Delta R.T.: -0.037 min
Response: 2087336
Conc: 19.96 ug/ml