

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC100719AL\
 Data File : FC043795.D
 Signal(s) : FID1A.CH
 Acq On : 07 Oct 2019 10:22
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Oct 08 09:15:10 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	3027386	19.946 ug/ml
Spiked Amount 50.000		Recovery =	39.89%
12) S 1-chlorooctadecane (S...	12.997	2323369	19.596 ug/ml
Spiked Amount 50.000		Recovery =	39.19%
Target Compounds			
1) T n-Nonane (C9)	3.428	2604365	21.541 ug/ml
2) T n-Decane (C10)	4.480	2663072	22.002 ug/ml
3) T A~Naphthalene (C11.7)	6.059	2569791	21.827 ug/ml
4) T n-Dodecane (C12)	6.472	2788006	22.043 ug/ml
5) T A~2-methylnaphthalene...	7.104	2653062	22.017 ug/ml
6) T n-Tetradecane (C14)	8.246	2815121	21.870 ug/ml
7) T n-Hexadecane (C16)	9.829	2847366	21.625 ug/ml
8) T n-Octadecane (C18)	11.257	2853483	20.921 ug/ml
10) T n-Eicosane (C20)	12.555	2817979	20.190 ug/ml
11) T n-Heneicosane (C21)	13.162	2811544	19.784 ug/ml
13) T n-Docosane (C22)	13.743	2769253	19.490 ug/ml
14) T n-Tetracosane (C24)	14.838	2662889	18.549 ug/ml
15) T n-Hexacosane (C26)	15.851	2566249	17.946 ug/ml
16) T n-Octacosane (C28)	16.793	2482098	17.510 ug/ml
17) T n-Tricontane (C30)	17.677	2445391	17.436 ug/ml
18) T n-Dotriacontane (C32)	18.505	2349548	17.688 ug/ml
19) T n-Tetratriacontane (C34)	19.284	2268649	18.157 ug/ml
20) T n-Hexatriacontane (C36)	20.020	1765667	15.276 ug/ml
21) T n-Octatriacontane (C38)	20.741	2034170	19.112 ug/ml
22) T n-Tetracontane (C40)	21.624	2076231	19.857 ug/ml

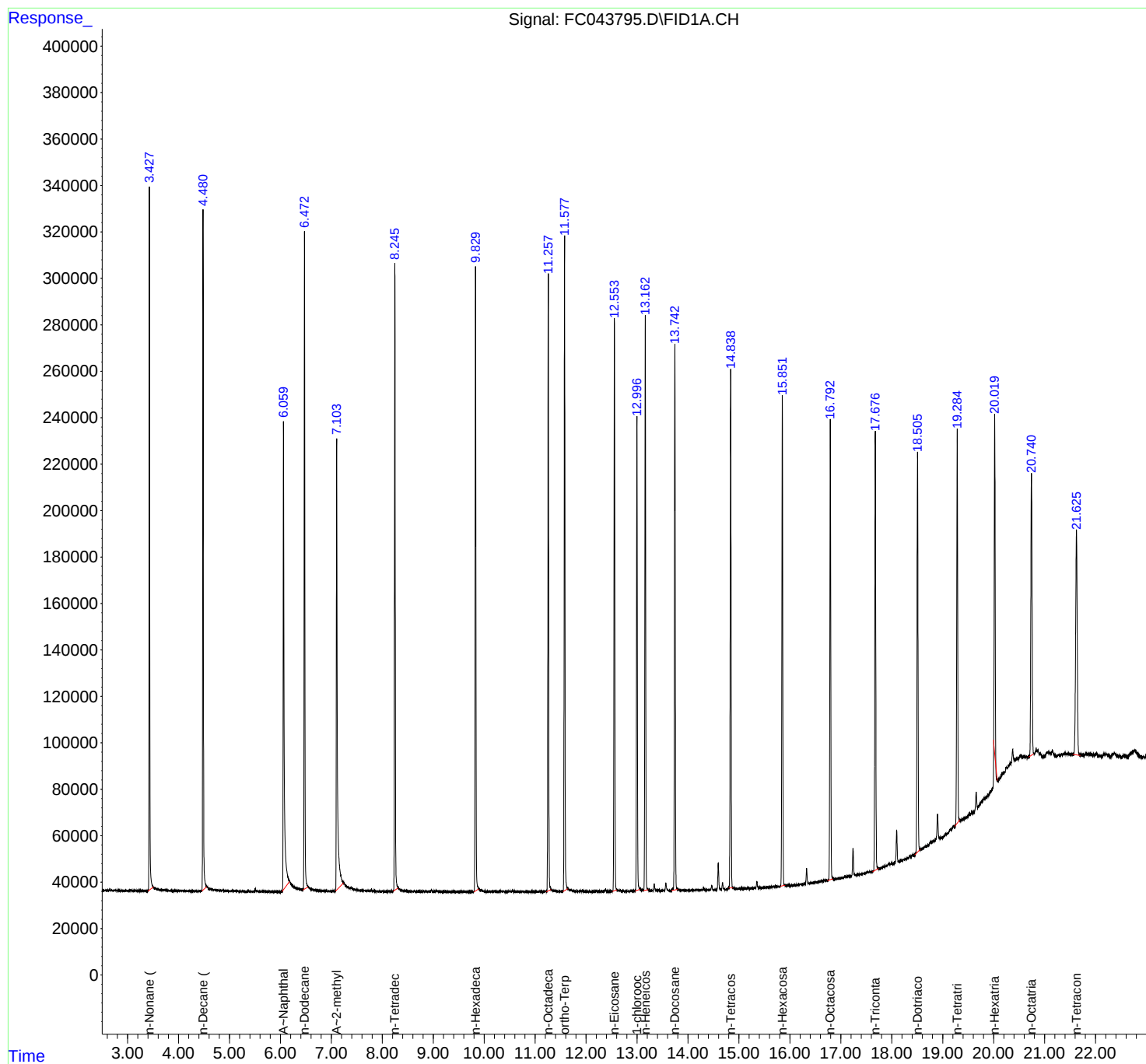
(f)=RT Delta > 1/2 Window

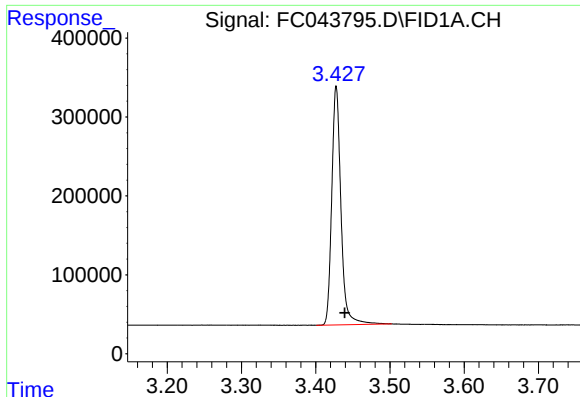
(m)=manual int.

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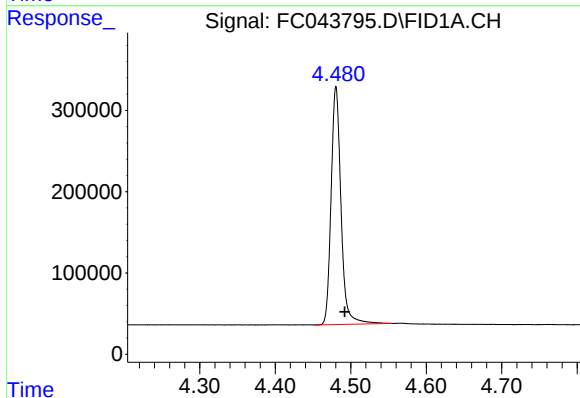
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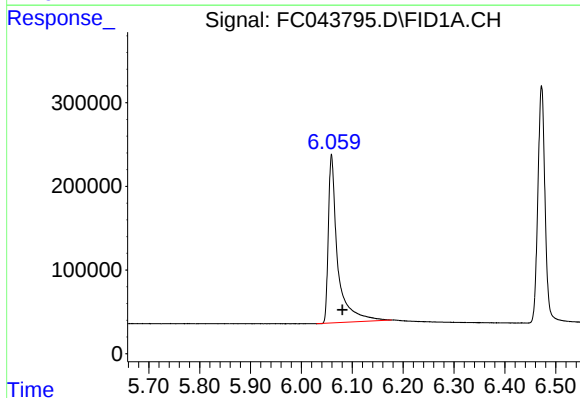
#1 n-Nonane (C9)

R.T.: 3.428 min
Delta R.T.: -0.011 min
Response: 2604365
Conc: 21.54 ug/ml



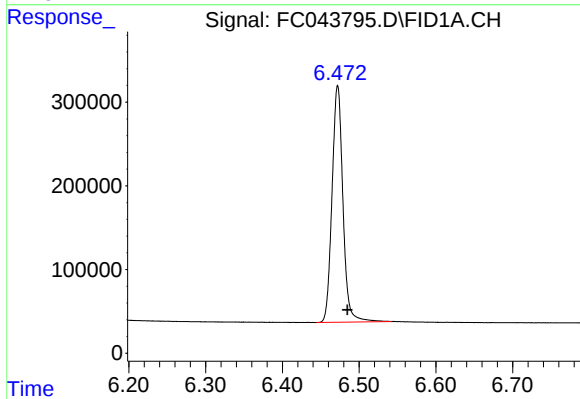
#2 n-Decane (C10)

R.T.: 4.480 min
Delta R.T.: -0.011 min
Response: 2663072
Conc: 22.00 ug/ml



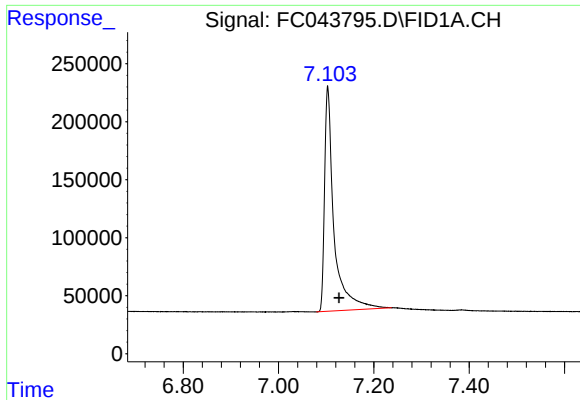
#3 A~Naphthalene (C11.7)

R.T.: 6.059 min
Delta R.T.: -0.021 min
Response: 2569791
Conc: 21.83 ug/ml



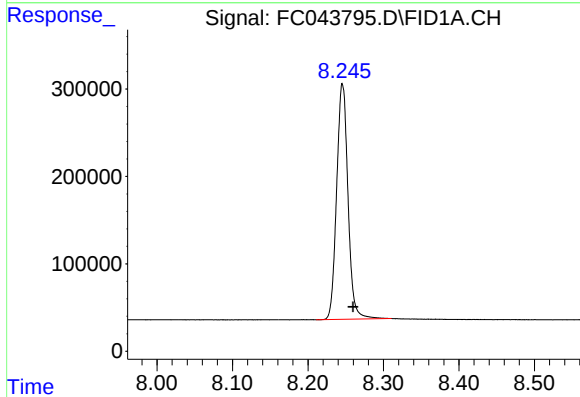
#4 n-Dodecane (C12)

R.T.: 6.472 min
Delta R.T.: -0.013 min
Response: 2788006
Conc: 22.04 ug/ml



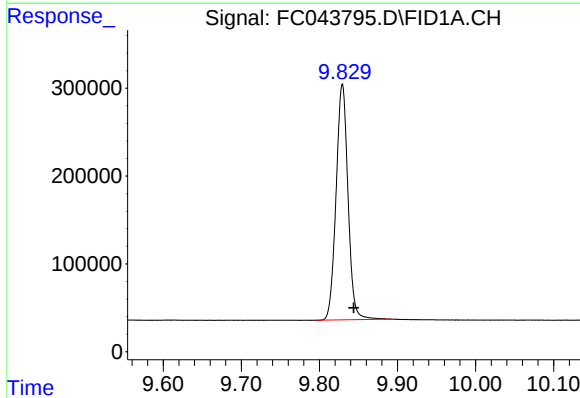
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.104 min
Delta R.T.: -0.024 min
Response: 2653062
Conc: 22.02 ug/ml



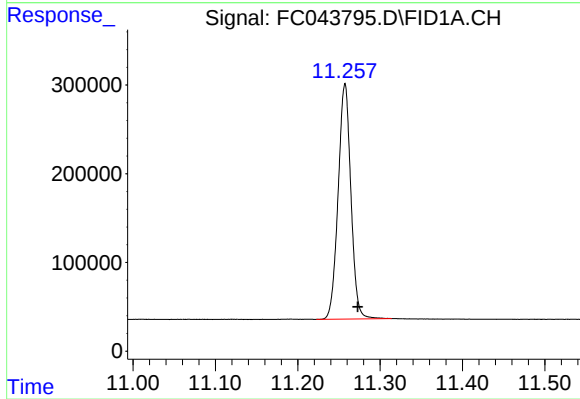
#6 n-Tetradecane (C14)

R.T.: 8.246 min
Delta R.T.: -0.014 min
Response: 2815121
Conc: 21.87 ug/ml



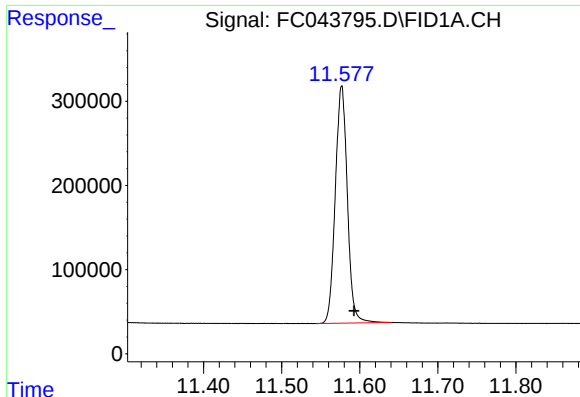
#7 n-Hexadecane (C16)

R.T.: 9.829 min
Delta R.T.: -0.015 min
Response: 2847366
Conc: 21.62 ug/ml



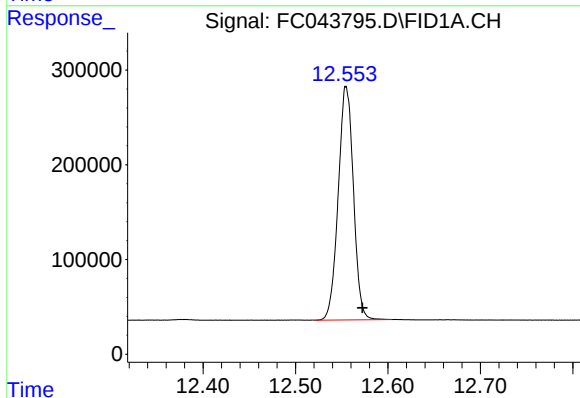
#8 n-Octadecane (C18)

R.T.: 11.257 min
Delta R.T.: -0.016 min
Response: 2853483
Conc: 20.92 ug/ml



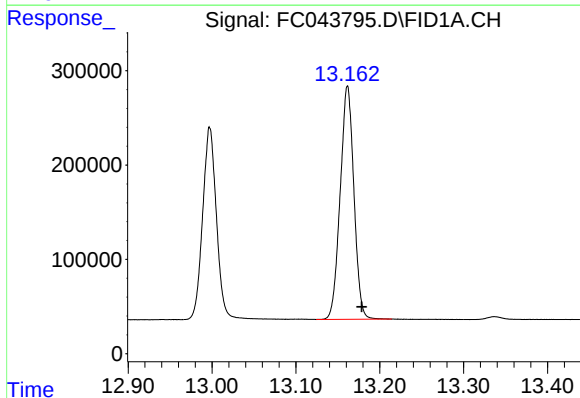
#9 ortho-Terphenyl (SURR)

R.T.: 11.577 min
Delta R.T.: -0.016 min
Response: 3027386
Conc: 19.95 ug/ml



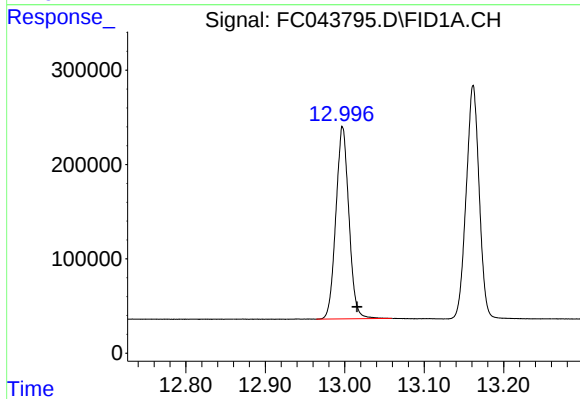
#10 n-Eicosane (C20)

R.T.: 12.555 min
Delta R.T.: -0.017 min
Response: 2817979
Conc: 20.19 ug/ml



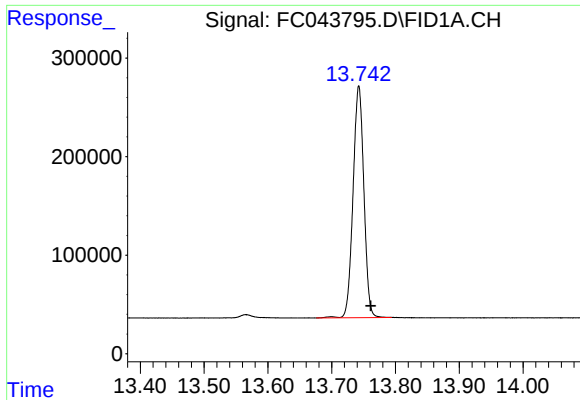
#11 n-Heneicosane (C21)

R.T.: 13.162 min
Delta R.T.: -0.017 min
Response: 2811544
Conc: 19.78 ug/ml



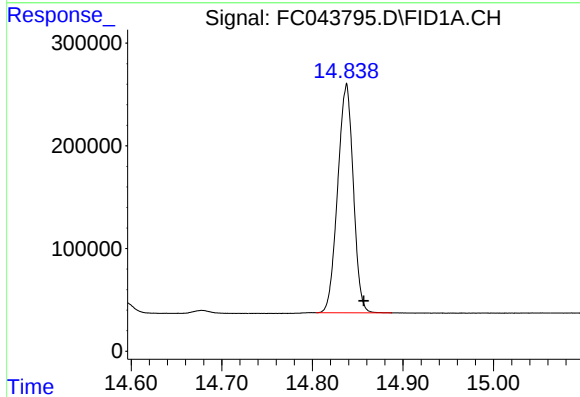
#12 1-chlorooctadecane (SURR)

R.T.: 12.997 min
Delta R.T.: -0.018 min
Response: 2323369
Conc: 19.60 ug/ml



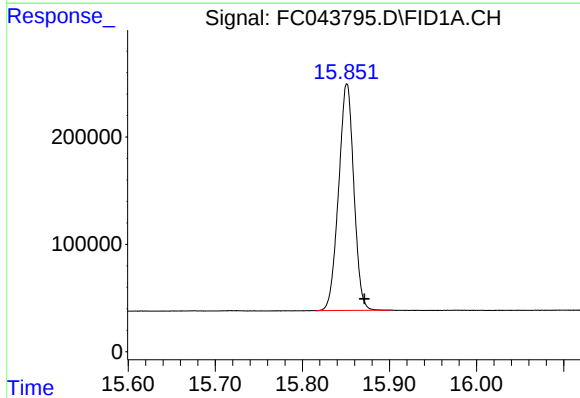
#13 n-Docosane (C22)

R.T.: 13.743 min
Delta R.T.: -0.018 min
Response: 2769253
Conc: 19.49 ug/ml



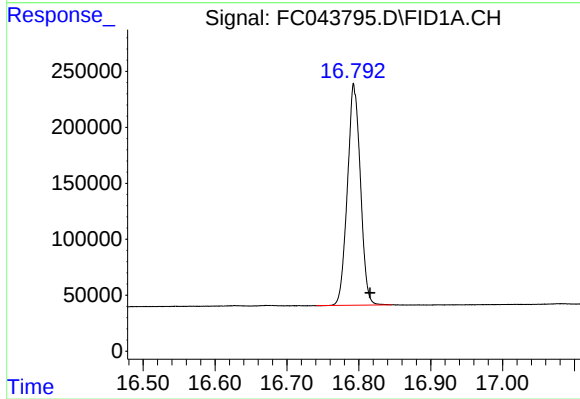
#14 n-Tetracosane (C24)

R.T.: 14.838 min
Delta R.T.: -0.019 min
Response: 2662889
Conc: 18.55 ug/ml



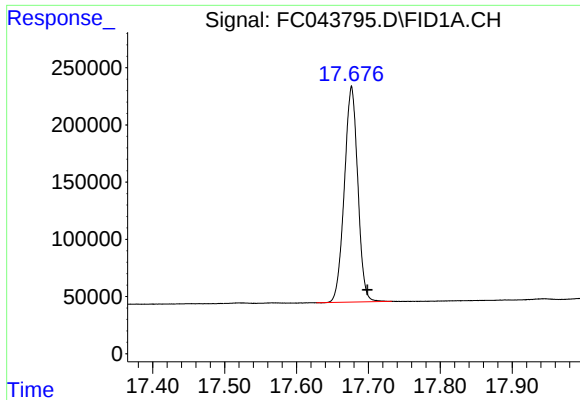
#15 n-Hexacosane (C26)

R.T.: 15.851 min
Delta R.T.: -0.020 min
Response: 2566249
Conc: 17.95 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.793 min
Delta R.T.: -0.023 min
Response: 2482098
Conc: 17.51 ug/ml



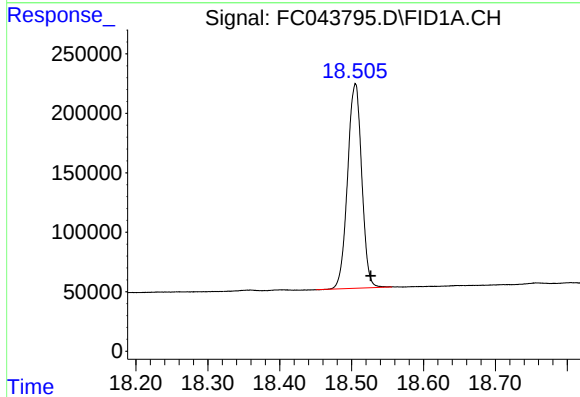
#17 n-Tricontane (C30)

R.T.: 17.677 min

Delta R.T.: -0.022 min

Response: 2445391

Conc: 17.44 ug/ml



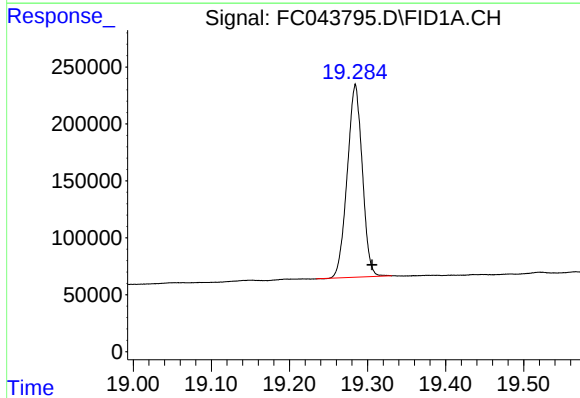
#18 n-Dotriacontane (C32)

R.T.: 18.505 min

Delta R.T.: -0.022 min

Response: 2349548

Conc: 17.69 ug/ml



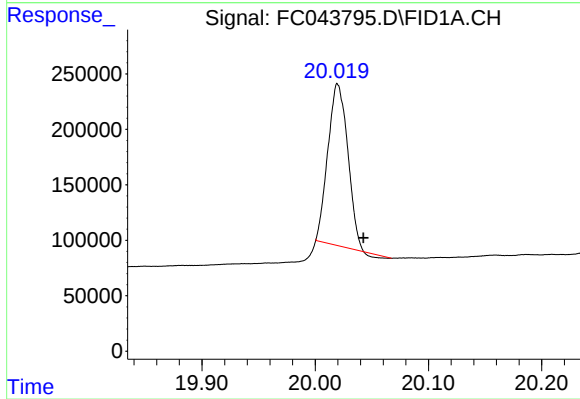
#19 n-Tetratriacontane (C34)

R.T.: 19.284 min

Delta R.T.: -0.021 min

Response: 2268649

Conc: 18.16 ug/ml



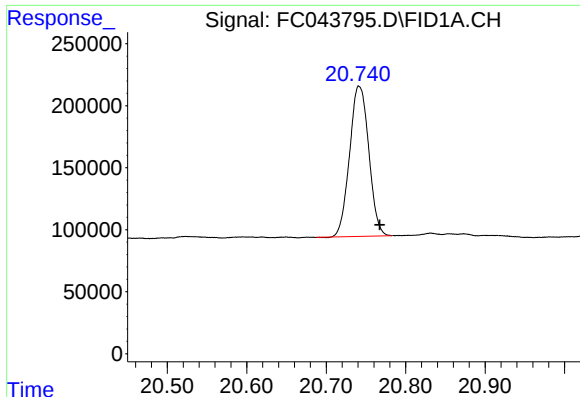
#20 n-Hexatriacontane (C36)

R.T.: 20.020 min

Delta R.T.: -0.023 min

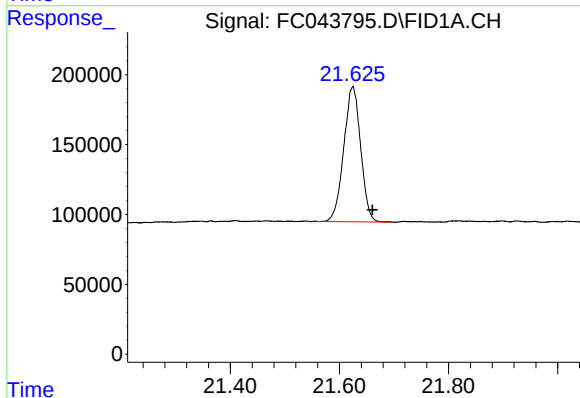
Response: 1765667

Conc: 15.28 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.741 min
Delta R.T.: -0.026 min
Response: 2034170
Conc: 19.11 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.624 min
Delta R.T.: -0.036 min
Response: 2076231
Conc: 19.86 ug/ml