

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC101019AL\
 Data File : FC043870.D
 Signal(s) : FID1A.CH
 Acq On : 10 Oct 2019 9:17
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Oct 11 01:41:35 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)	11.575	2925250	19.273 ug/ml
Spiked Amount 50.000		Recovery =	38.55%
12) S 1-chlorooctadecane (S...	12.996	2214822	18.681 ug/ml
Spiked Amount 50.000		Recovery =	37.36%
Target Compounds			
1) T n-Nonane (C9)	3.423	2738762	22.652 ug/ml
2) T n-Decane (C10)	4.476	2764416	22.839 ug/ml
3) T A~Naphthalene (C11.7)	6.056	2698707	22.922 ug/ml
4) T n-Dodecane (C12)	6.469	2872296	22.709 ug/ml
5) T A~2-methylnaphthalene...	7.102	2679090	22.233 ug/ml
6) T n-Tetradecane (C14)	8.245	2872909	22.319 ug/ml
7) T n-Hexadecane (C16)	9.829	2841593	21.581 ug/ml
8) T n-Octadecane (C18)	11.257	2799028	20.522 ug/ml
10) T n-Eicosane (C20)	12.553	2714733	19.450 ug/ml
11) T n-Heneicosane (C21)	13.160	2680687	18.863 ug/ml
13) T n-Docosane (C22)	13.742	2611767	18.381 ug/ml
14) T n-Tetracosane (C24)	14.836	2520158	17.555 ug/ml
15) T n-Hexacosane (C26)	15.850	2427395	16.975 ug/ml
16) T n-Octacosane (C28)	16.795	2375100	16.755 ug/ml
17) T n-Tricontane (C30)	17.677	2363981	16.856 ug/ml
18) T n-Dotriacontane (C32)	18.505	2300578	17.319 ug/ml
19) T n-Tetratriacontane (C34)	19.284	2288895	18.319 ug/ml
20) T n-Hexatriacontane (C36)	20.019	1886470	16.321 ug/ml
21) T n-Octatriacontane (C38)	20.744	2133594	20.046 ug/ml
22) T n-Tetracontane (C40)	21.624	2191327	20.958 ug/ml

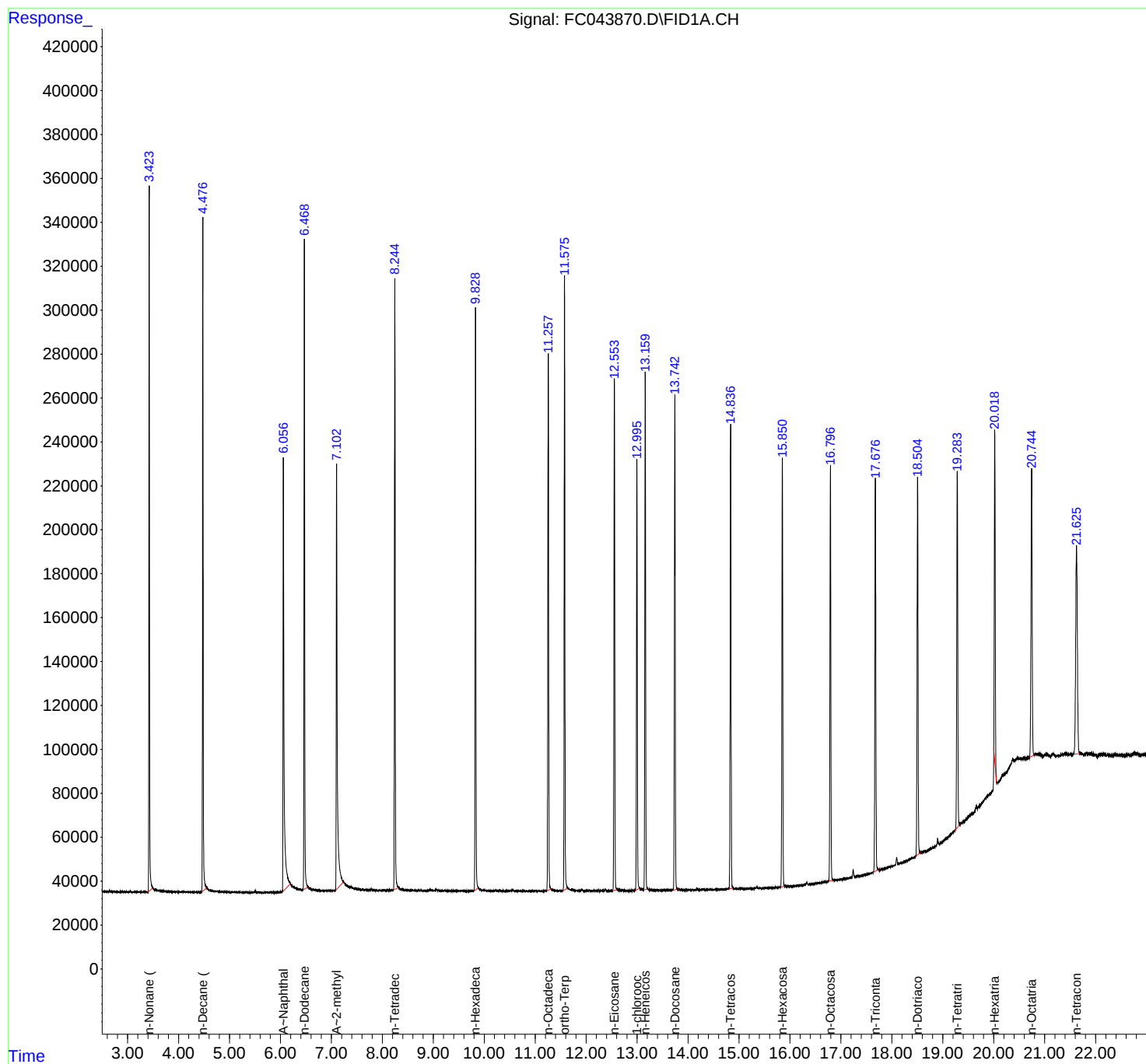
(f)=RT Delta > 1/2 Window

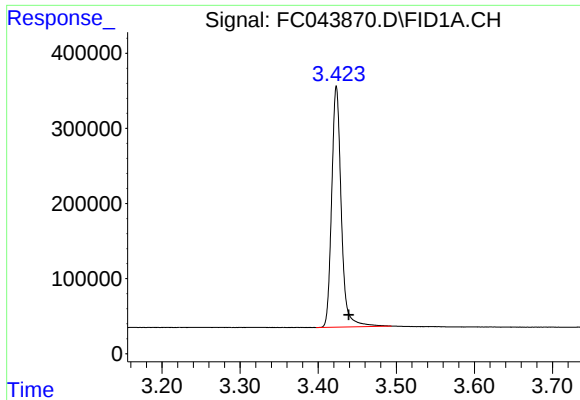
(m)=manual int.

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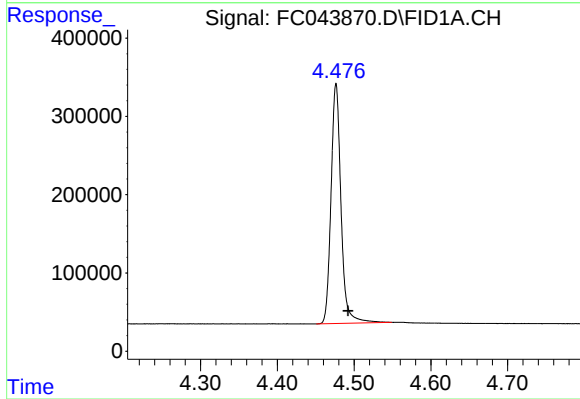
Volume Inj. : 1 ul
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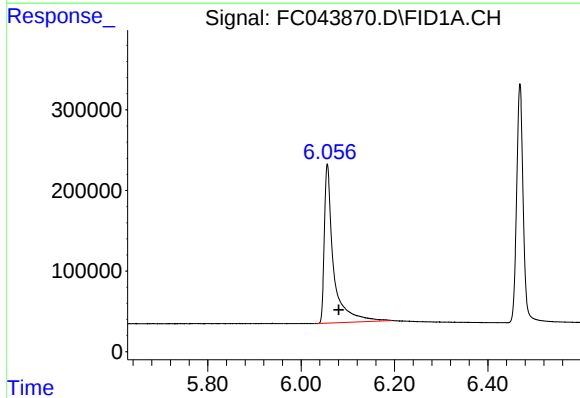
#1 n-Nonane (C9)

R.T.: 3.423 min
Delta R.T.: -0.016 min
Response: 2738762
Conc: 22.65 ug/ml



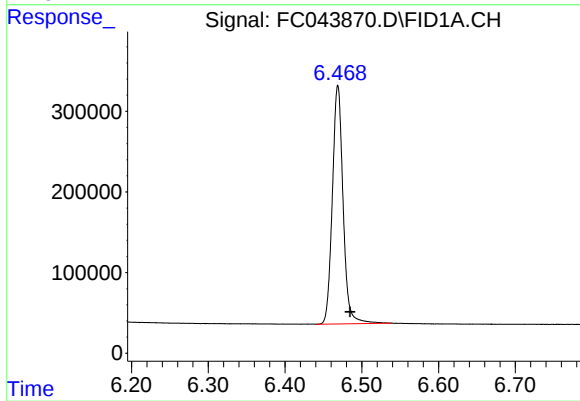
#2 n-Decane (C10)

R.T.: 4.476 min
Delta R.T.: -0.015 min
Response: 2764416
Conc: 22.84 ug/ml



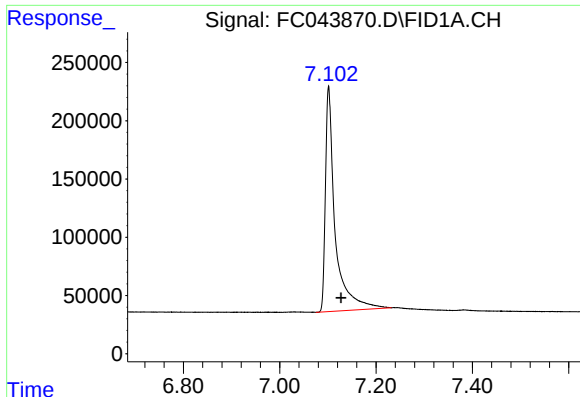
#3 A~Naphthalene (C11.7)

R.T.: 6.056 min
Delta R.T.: -0.024 min
Response: 2698707
Conc: 22.92 ug/ml



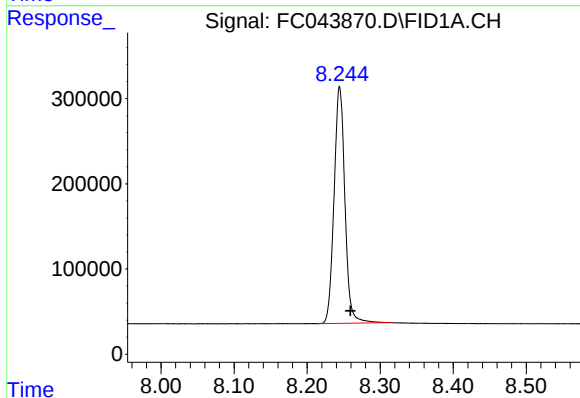
#4 n-Dodecane (C12)

R.T.: 6.469 min
Delta R.T.: -0.016 min
Response: 2872296
Conc: 22.71 ug/ml



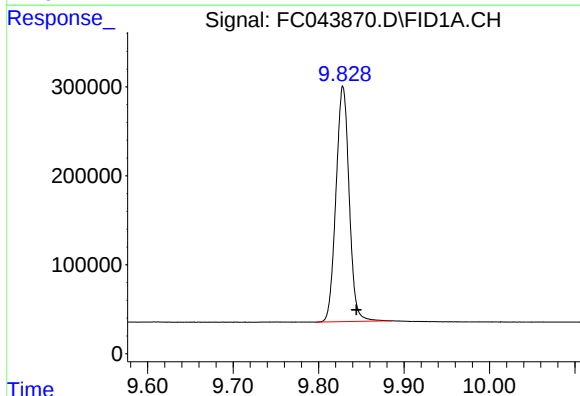
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.102 min
Delta R.T.: -0.026 min
Response: 2679090
Conc: 22.23 ug/ml



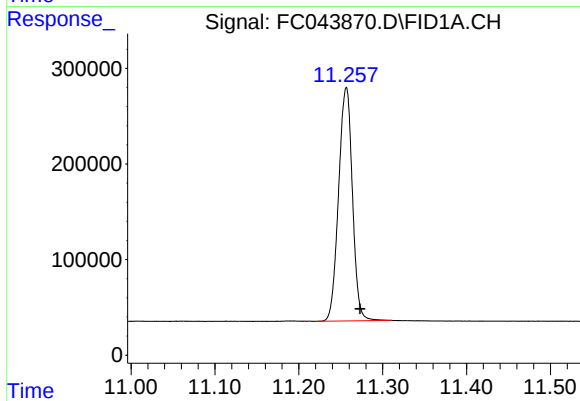
#6 n-Tetradecane (C14)

R.T.: 8.245 min
Delta R.T.: -0.015 min
Response: 2872909
Conc: 22.32 ug/ml



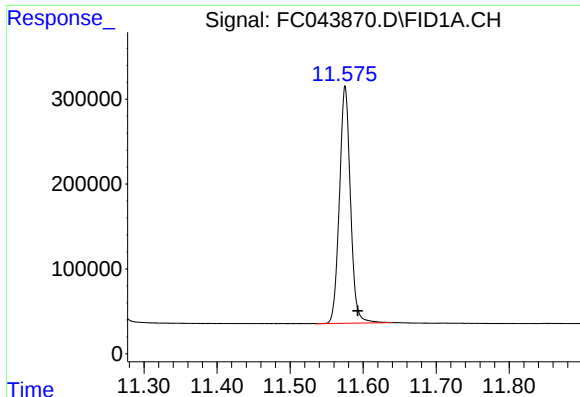
#7 n-Hexadecane (C16)

R.T.: 9.829 min
Delta R.T.: -0.015 min
Response: 2841593
Conc: 21.58 ug/ml



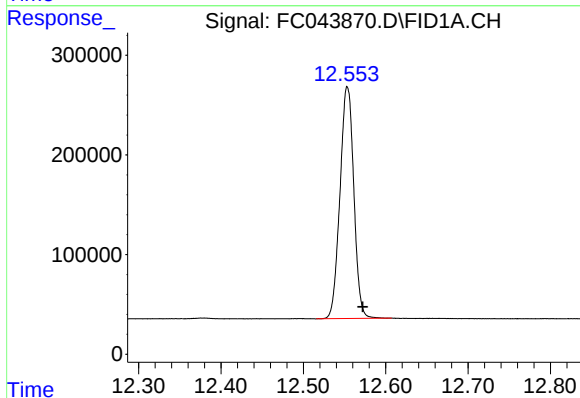
#8 n-Octadecane (C18)

R.T.: 11.257 min
Delta R.T.: -0.016 min
Response: 2799028
Conc: 20.52 ug/ml



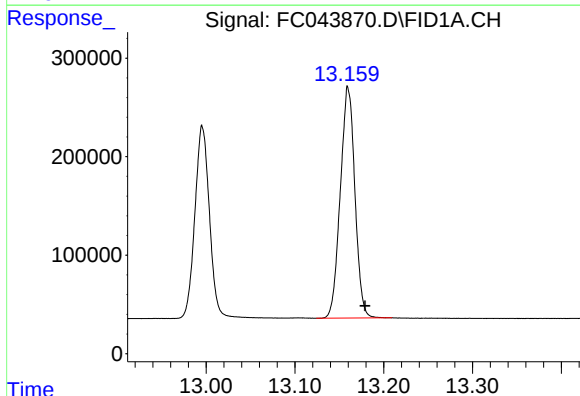
#9 ortho-Terphenyl (SURR)

R.T.: 11.575 min
Delta R.T.: -0.017 min
Response: 2925250
Conc: 19.27 ug/ml



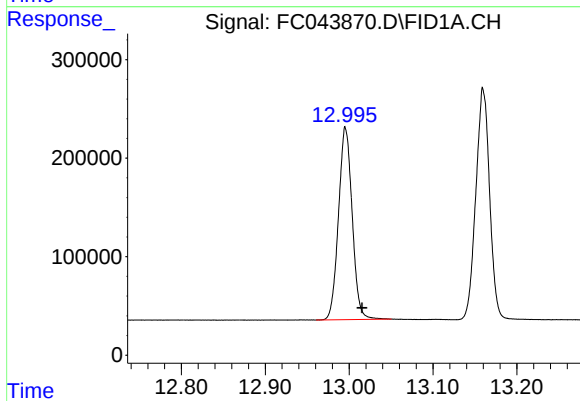
#10 n-Eicosane (C20)

R.T.: 12.553 min
Delta R.T.: -0.019 min
Response: 2714733
Conc: 19.45 ug/ml



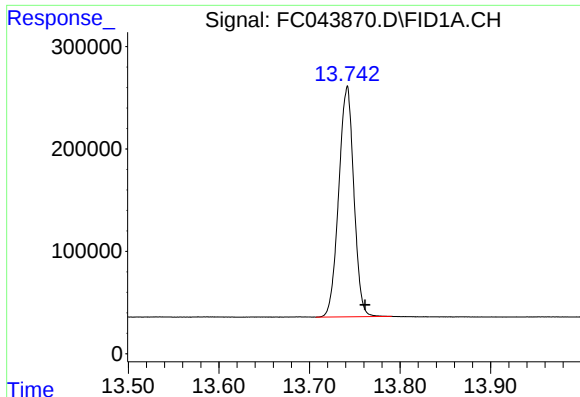
#11 n-Heneicosane (C21)

R.T.: 13.160 min
Delta R.T.: -0.019 min
Response: 2680687
Conc: 18.86 ug/ml



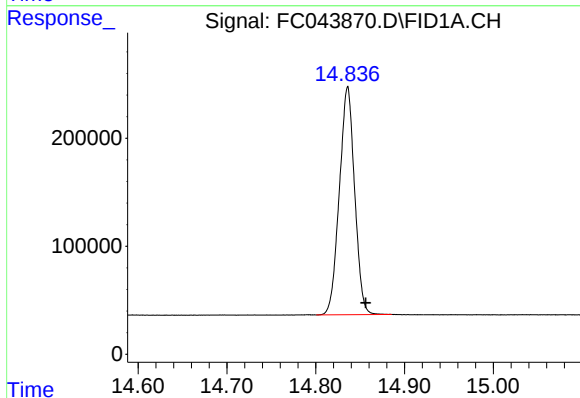
#12 1-chlorooctadecane (SURR)

R.T.: 12.996 min
Delta R.T.: -0.020 min
Response: 2214822
Conc: 18.68 ug/ml



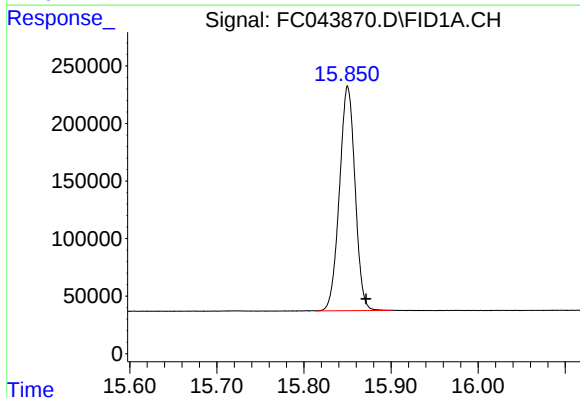
#13 n-Docosane (C22)

R.T.: 13.742 min
Delta R.T.: -0.019 min
Response: 2611767
Conc: 18.38 ug/ml



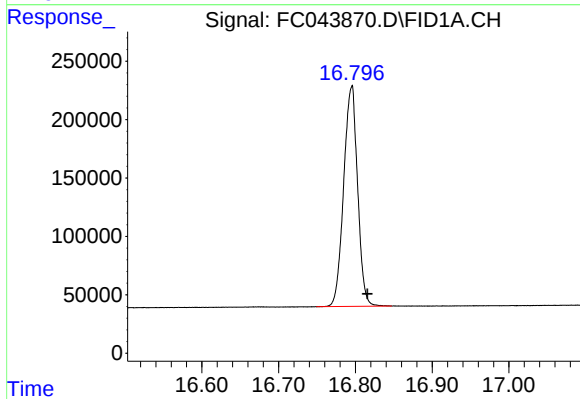
#14 n-Tetracosane (C24)

R.T.: 14.836 min
Delta R.T.: -0.021 min
Response: 2520158
Conc: 17.55 ug/ml



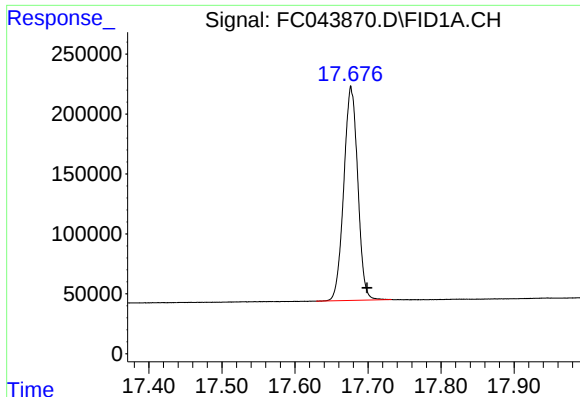
#15 n-Hexacosane (C26)

R.T.: 15.850 min
Delta R.T.: -0.021 min
Response: 2427395
Conc: 16.98 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.795 min
Delta R.T.: -0.021 min
Response: 2375100
Conc: 16.75 ug/ml



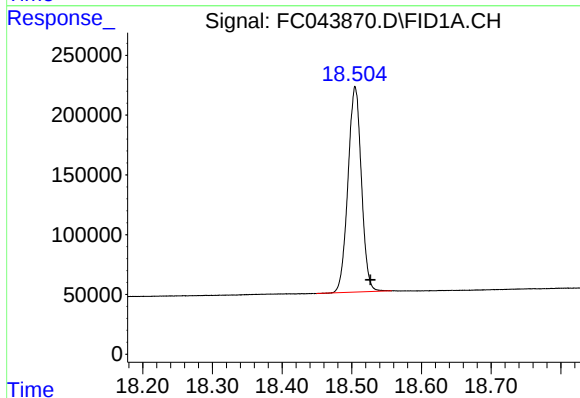
#17 n-Tricontane (C30)

R.T.: 17.677 min

Delta R.T.: -0.022 min

Response: 2363981

Conc: 16.86 ug/ml



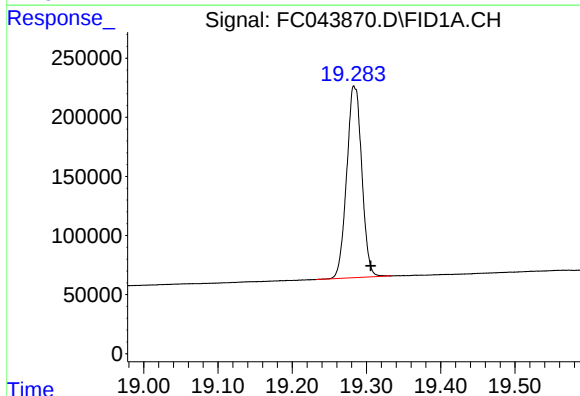
#18 n-Dotriacontane (C32)

R.T.: 18.505 min

Delta R.T.: -0.022 min

Response: 2300578

Conc: 17.32 ug/ml



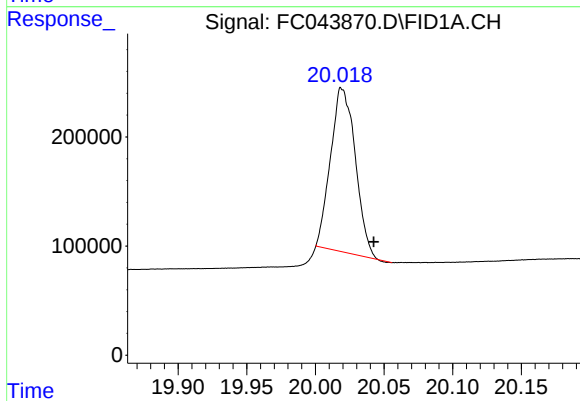
#19 n-Tetratriacontane (C34)

R.T.: 19.284 min

Delta R.T.: -0.022 min

Response: 2288895

Conc: 18.32 ug/ml



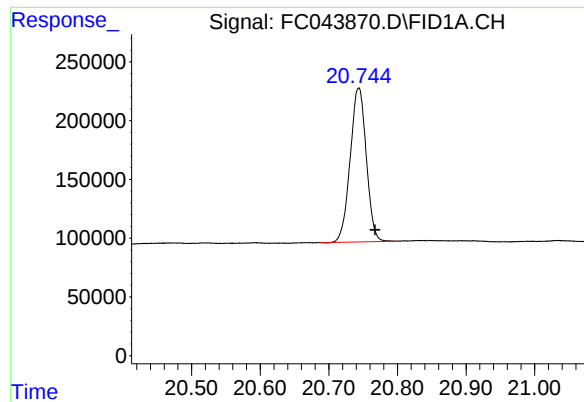
#20 n-Hexatriacontane (C36)

R.T.: 20.019 min

Delta R.T.: -0.023 min

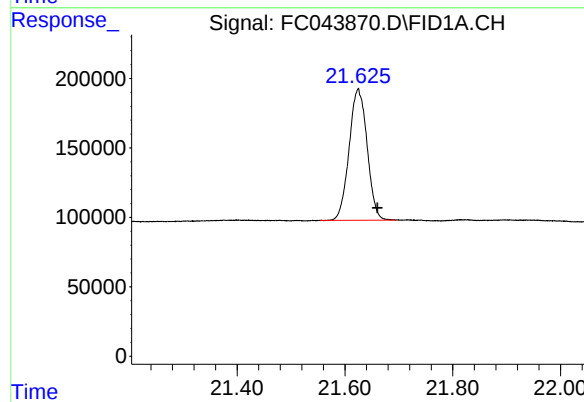
Response: 1886470

Conc: 16.32 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.744 min
Delta R.T.: -0.024 min
Response: 2133594
Conc: 20.05 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.624 min
Delta R.T.: -0.036 min
Response: 2191327
Conc: 20.96 ug/ml