

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC020519AL\
 Data File : FC038970.D
 Signal(s) : FID1A.CH
 Acq On : 05 Feb 2019 19:22
 Operator : AJ\SJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: sample.E
 Quant Time: Feb 06 01:04:51 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 010919.M
 Quant Title : GC Extractables
 QLast Update : Thu Jan 10 05:47:13 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)	11.234	2108017	19.528 ug/ml
Spiked Amount 50.000		Recovery =	39.06%
12) S 1-chlorooctadecane (S...	12.677	1567595	19.857 ug/ml
Spiked Amount 50.000		Recovery =	39.71%
Target Compounds			
1) T n-Nonane (C9)	3.084	1670373	18.693 ug/ml
2) T n-Decane (C10)	4.138	1673978	18.819 ug/ml
3) T A~Naphthalene (C11.7)	5.696	1864779	19.098 ug/ml
4) T n-Dodecane (C12)	6.140	1724299	19.242 ug/ml
5) T A~2-methylnaphthalene...	6.743	1876872	19.565 ug/ml
6) T n-Tetradecane (C14)	7.919	1760537	19.564 ug/ml
7) T n-Hexadecane (C16)	9.508	1818146	20.065 ug/ml
8) T n-Octadecane (C18)	10.938	1836648	20.130 ug/ml
10) T n-Eicosane (C20)	12.239	1866903	20.421 ug/ml
11) T n-Heneicosane (C21)	12.847	1857702	20.765 ug/ml
13) T n-Docosane (C22)	13.431	1867022	20.919 ug/ml
14) T n-Tetracosane (C24)	14.528	1881016	21.303 ug/ml
15) T n-Hexacosane (C26)	15.542	1881077	21.621 ug/ml
16) T n-Octacosane (C28)	16.486	1915555	22.054 ug/ml
17) T n-Tricontane (C30)	17.371	1889896	21.878 ug/ml
18) T n-Dotriacontane (C32)	18.198	1754108	21.557 ug/mlm
19) T n-Tetratriacontane (C34)	18.977	1514773	22.356 ug/ml
20) T n-Hexatriacontane (C36)	19.714	1340201	22.421 ug/ml
21) T n-Octatriacontane (C38)	20.412	1267668	19.913 ug/ml
22) T n-Tetracontane (C40)	21.200	1299495	22.342 ug/ml

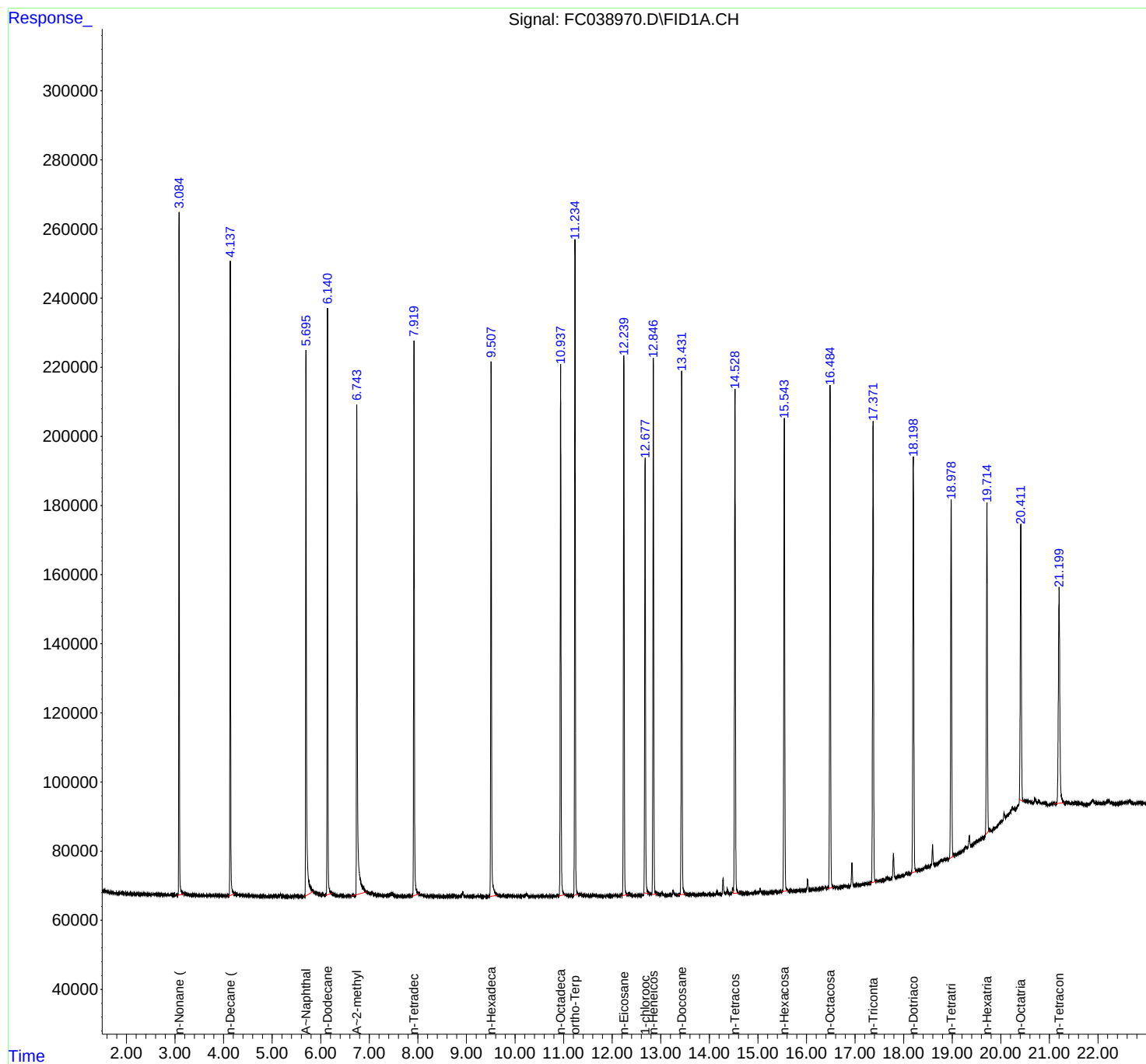
(f)=RT Delta > 1/2 Window

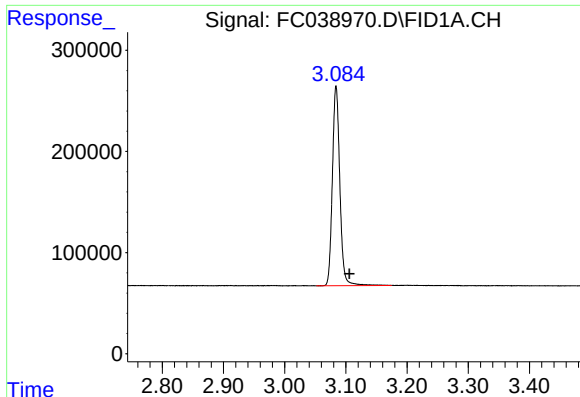
(m)=manual int.

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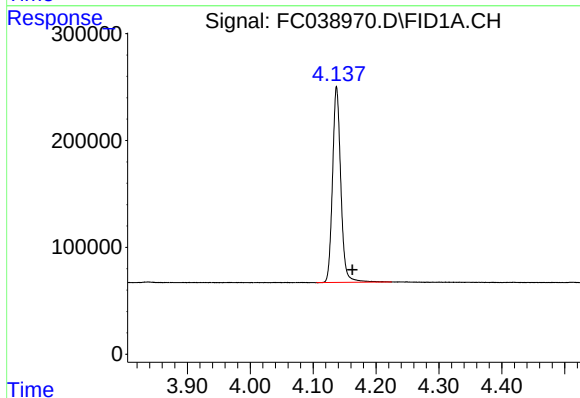
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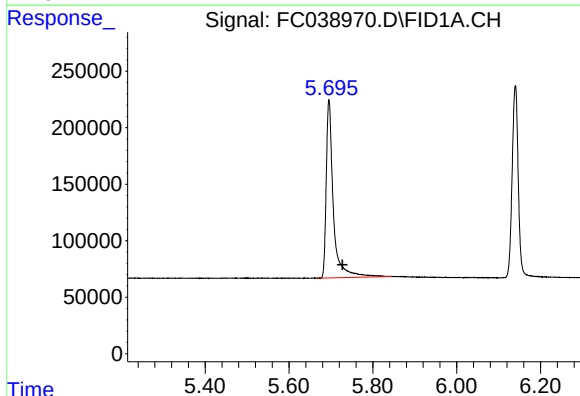
#1 n-Nonane (C9)

R.T.: 3.084 min
Delta R.T.: -0.022 min
Response: 1670373
Conc: 18.69 ug/ml



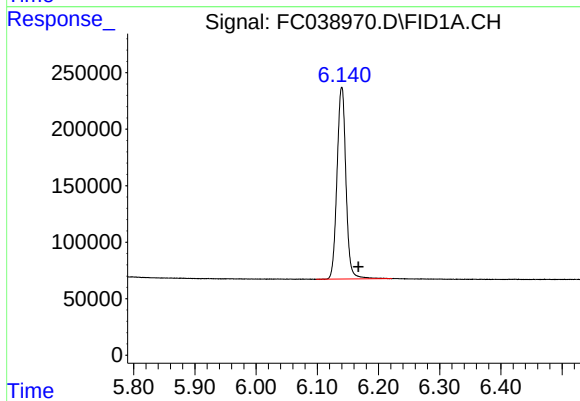
#2 n-Decane (C10)

R.T.: 4.138 min
Delta R.T.: -0.025 min
Response: 1673978
Conc: 18.82 ug/ml



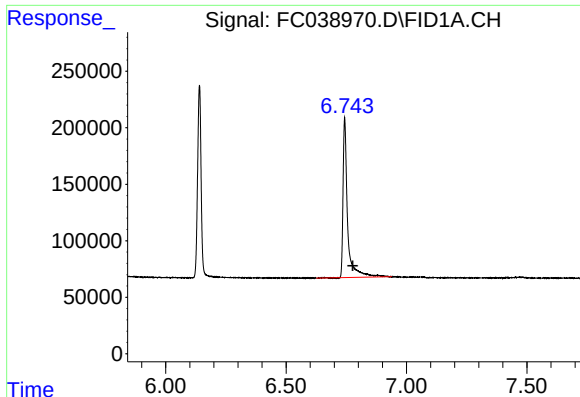
#3 A~Naphthalene (C11.7)

R.T.: 5.696 min
Delta R.T.: -0.032 min
Response: 1864779
Conc: 19.10 ug/ml



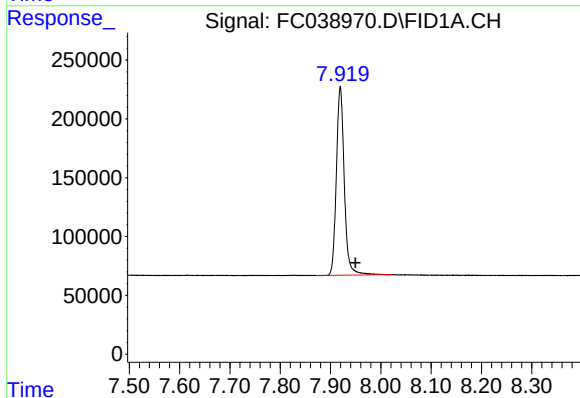
#4 n-Dodecane (C12)

R.T.: 6.140 min
Delta R.T.: -0.027 min
Response: 1724299
Conc: 19.24 ug/ml



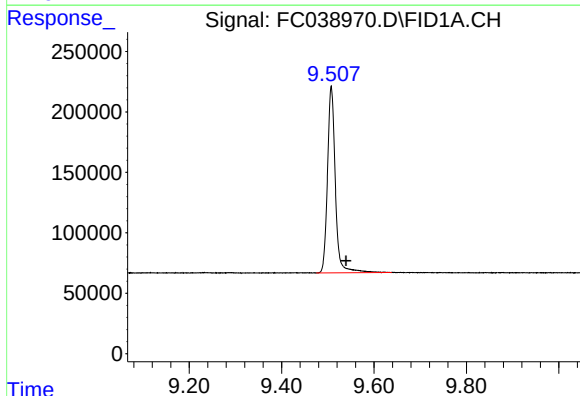
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.743 min
Delta R.T.: -0.034 min
Response: 1876872
Conc: 19.56 ug/ml



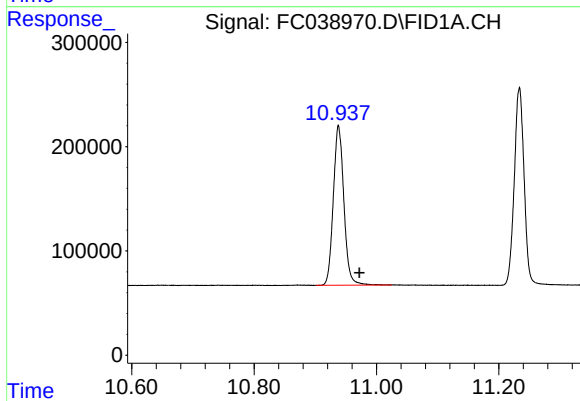
#6 n-Tetradecane (C14)

R.T.: 7.919 min
Delta R.T.: -0.030 min
Response: 1760537
Conc: 19.56 ug/ml



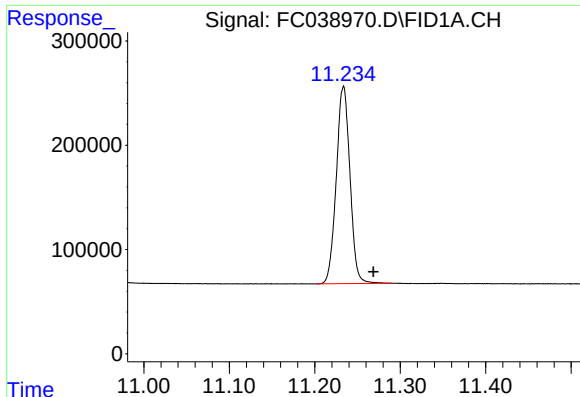
#7 n-Hexadecane (C16)

R.T.: 9.508 min
Delta R.T.: -0.032 min
Response: 1818146
Conc: 20.07 ug/ml



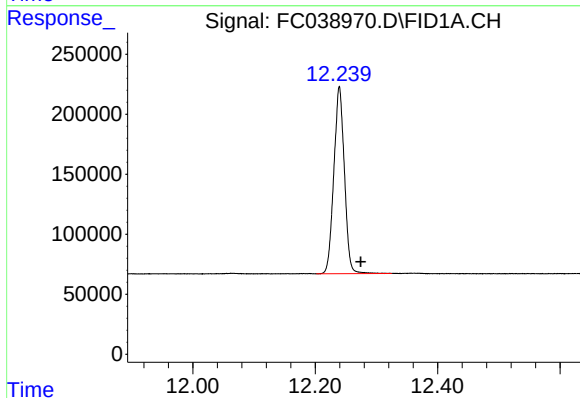
#8 n-Octadecane (C18)

R.T.: 10.938 min
Delta R.T.: -0.034 min
Response: 1836648
Conc: 20.13 ug/ml



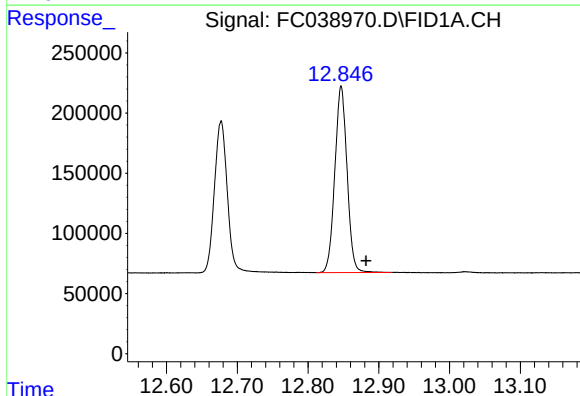
#9 ortho-Terphenyl (SURR)

R.T.: 11.234 min
Delta R.T.: -0.035 min
Response: 2108017
Conc: 19.53 ug/ml



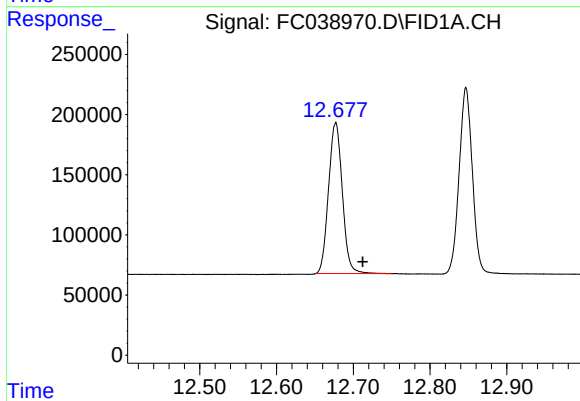
#10 n-Eicosane (C20)

R.T.: 12.239 min
Delta R.T.: -0.035 min
Response: 1866903
Conc: 20.42 ug/ml



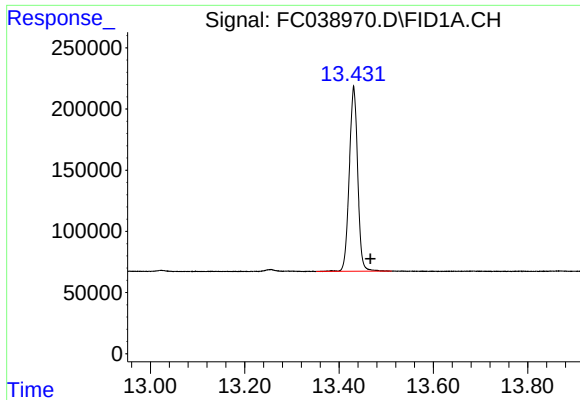
#11 n-Heneicosane (C21)

R.T.: 12.847 min
Delta R.T.: -0.035 min
Response: 1857702
Conc: 20.77 ug/ml



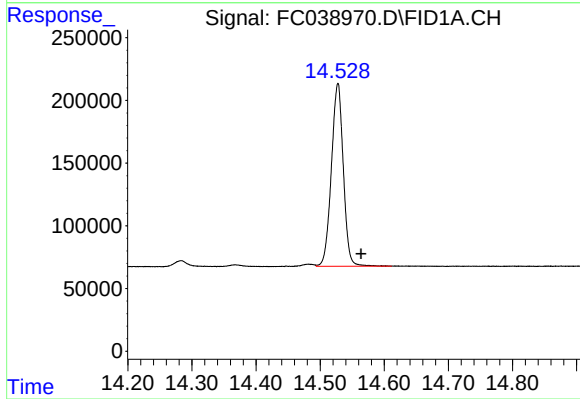
#12 1-chlorooctadecane (SURR)

R.T.: 12.677 min
Delta R.T.: -0.035 min
Response: 1567595
Conc: 19.86 ug/ml



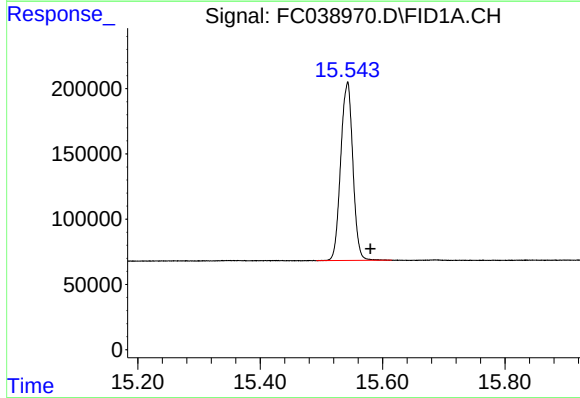
#13 n-Docosane (C22)

R.T.: 13.431 min
Delta R.T.: -0.035 min
Response: 1867022
Conc: 20.92 ug/ml



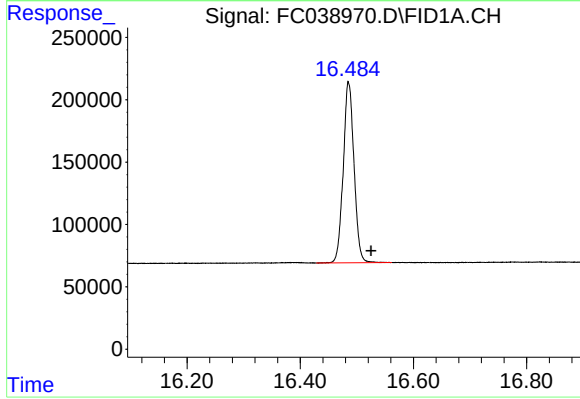
#14 n-Tetracosane (C24)

R.T.: 14.528 min
Delta R.T.: -0.036 min
Response: 1881016
Conc: 21.30 ug/ml



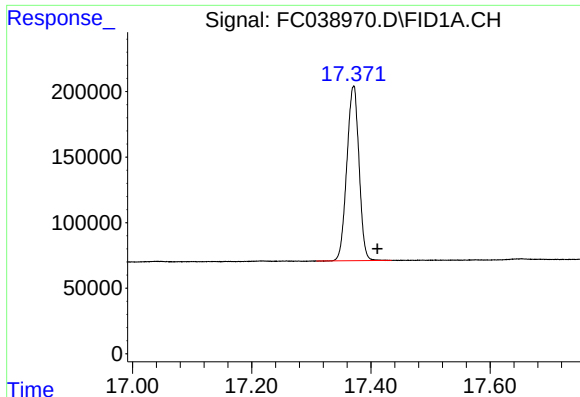
#15 n-Hexacosane (C26)

R.T.: 15.542 min
Delta R.T.: -0.038 min
Response: 1881077
Conc: 21.62 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.486 min
Delta R.T.: -0.040 min
Response: 1915555
Conc: 22.05 ug/ml



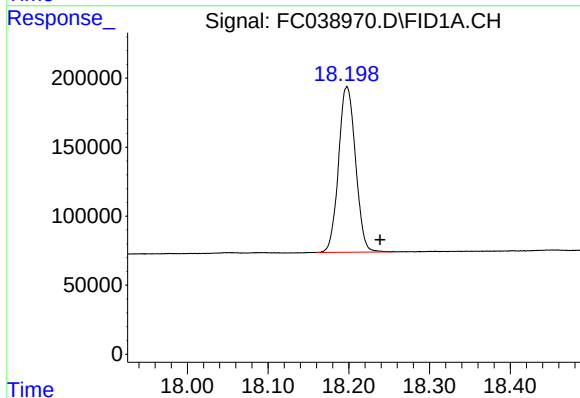
#17 n-Tricontane (C30)

R.T.: 17.371 min

Delta R.T.: -0.040 min

Response: 1889896

Conc: 21.88 ug/ml



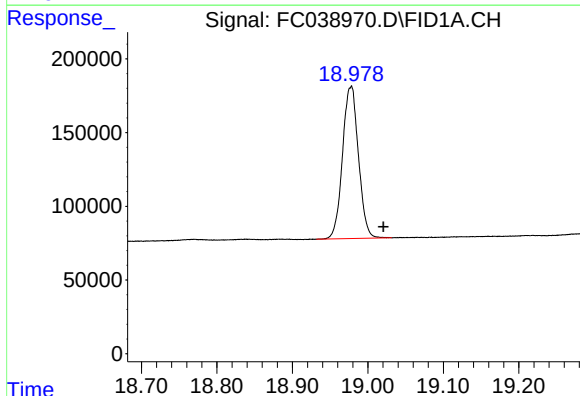
#18 n-Dotriacontane (C32)

R.T.: 18.198 min

Delta R.T.: -0.041 min

Response: 1754108

Conc: 21.56 ug/ml m



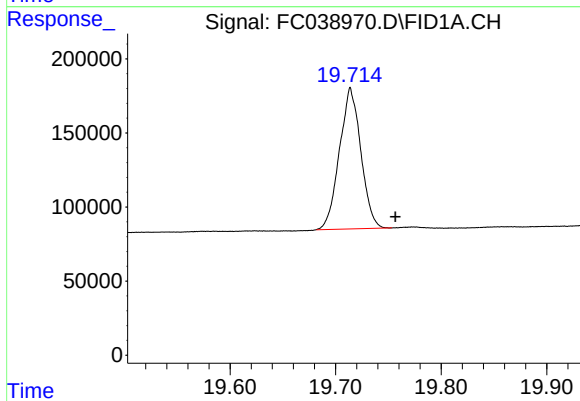
#19 n-Tetratriacontane (C34)

R.T.: 18.977 min

Delta R.T.: -0.043 min

Response: 1514773

Conc: 22.36 ug/ml



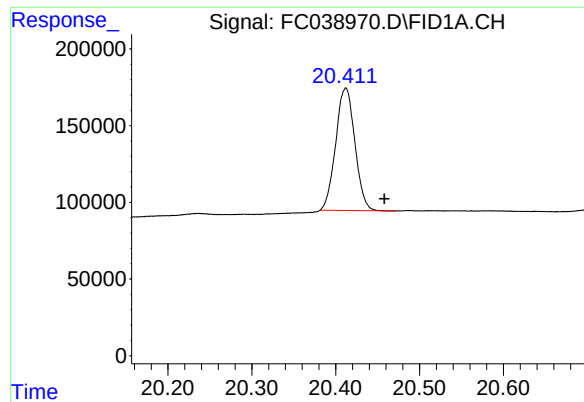
#20 n-Hexatriacontane (C36)

R.T.: 19.714 min

Delta R.T.: -0.042 min

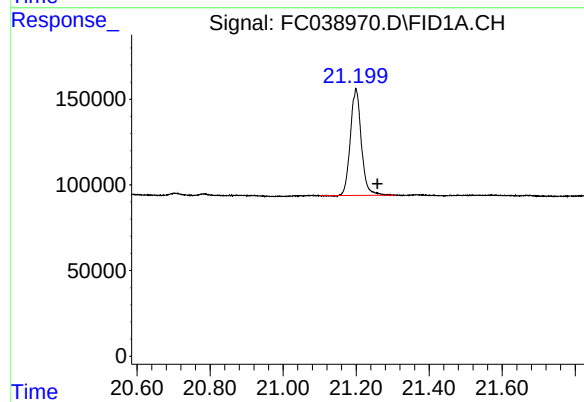
Response: 1340201

Conc: 22.42 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.412 min
Delta R.T.: -0.046 min
Response: 1267668
Conc: 19.91 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.200 min
Delta R.T.: -0.059 min
Response: 1299495
Conc: 22.34 ug/ml