

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC072820AL\
 Data File : FC048717.D
 Signal(s) : FID1A.CH
 Acq On : 29 Jul 2020 12:07
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Jul 29 12:40:49 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 070820.M
 Quant Title : GC Extractables
 QLast Update : Wed Jul 08 03:03:00 2020
 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)	11.679	2679517	19.523 ug/ml
Spiked Amount 50.000		Recovery =	39.05%
12) S 1-chlorooctadecane (S...	13.112	2157257	19.144 ug/ml
Spiked Amount 50.000		Recovery =	38.29%
Target Compounds			
1) T n-Nonane (C9)	3.413	2602193	21.830 ug/ml
2) T n-Decane (C10)	4.487	2646727	21.988 ug/ml
3) T A~Naphthalene (C11.7)	6.083	2933454	21.799 ug/ml
4) T n-Dodecane (C12)	6.512	2691166	21.997 ug/ml
5) T A~2-methylnaphthalene...	7.143	2974476	21.580 ug/ml
6) T n-Tetradecane (C14)	8.311	2663932	21.625 ug/ml
7) T n-Hexadecane (C16)	9.913	2592698	21.180 ug/ml
8) T n-Octadecane (C18)	11.356	2622682	20.493 ug/ml
10) T n-Eicosane (C20)	12.666	2558277	19.780 ug/ml
11) T n-Heneicosane (C21)	13.279	2509497	19.360 ug/ml
13) T n-Docosane (C22)	13.864	2457459	18.927 ug/ml
14) T n-Tetracosane (C24)	14.967	2365357	18.044 ug/ml
15) T n-Hexacosane (C26)	15.988	2269386	17.452 ug/ml
16) T n-Octacosane (C28)	16.935	2221520	17.001 ug/ml
17) T n-Tricontane (C30)	17.822	2149414	16.719 ug/ml
18) T n-Dotriacontane (C32)	18.653	1985432	16.806 ug/ml
19) T n-Tetratriacontane (C34)	19.436	1881727	16.858 ug/ml
20) T n-Hexatriacontane (C36)	20.173	1805403	17.166 ug/ml
21) T n-Octatriacontane (C38)	20.931	1744362	17.769 ug/ml
22) T n-Tetracontane (C40)	21.881	1774085	18.256 ug/ml

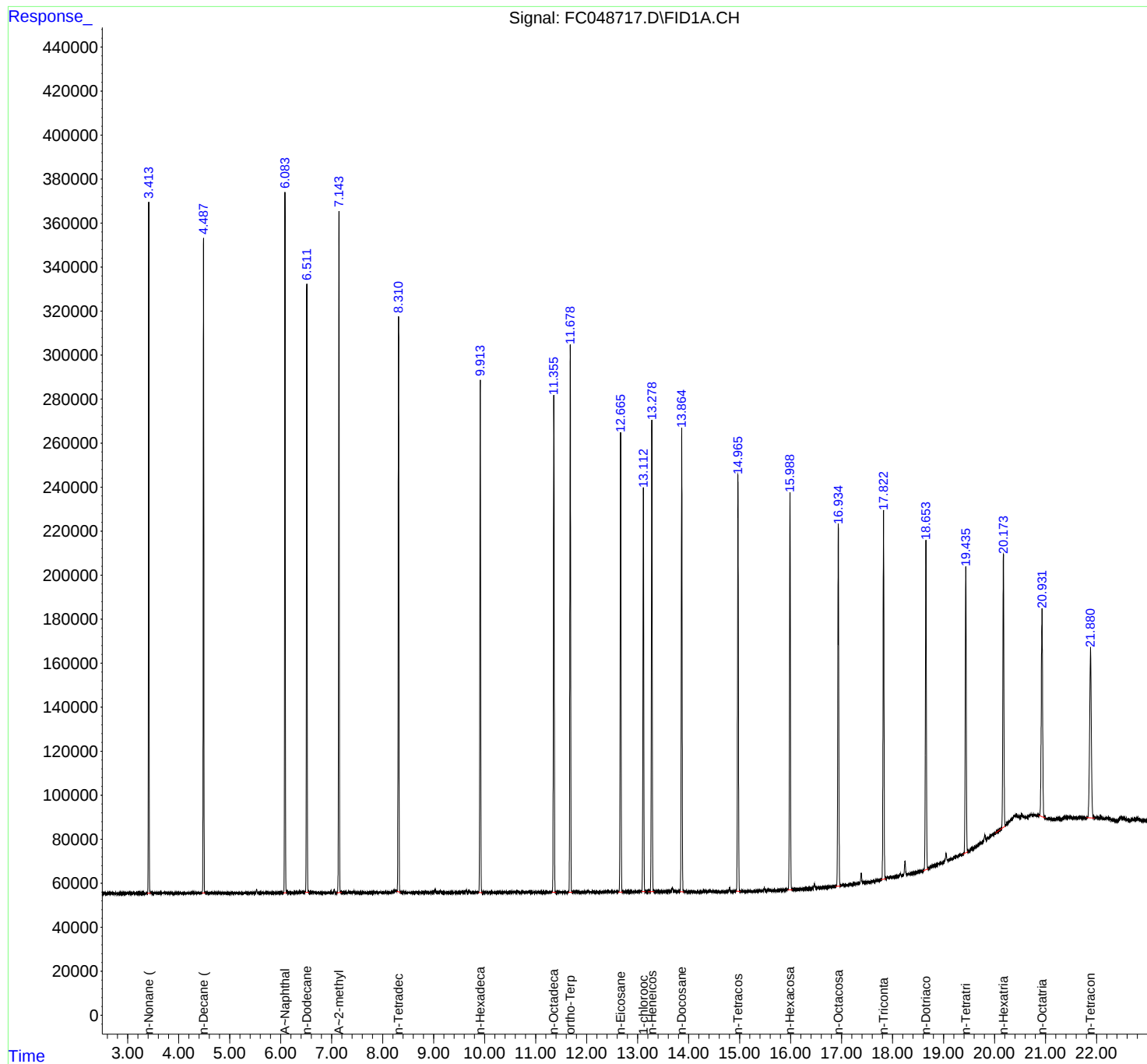
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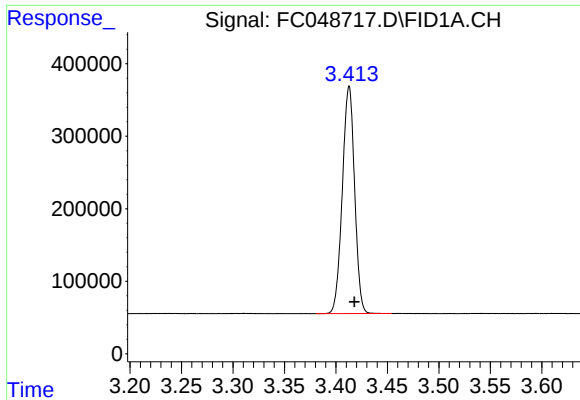
(m)=manual int.

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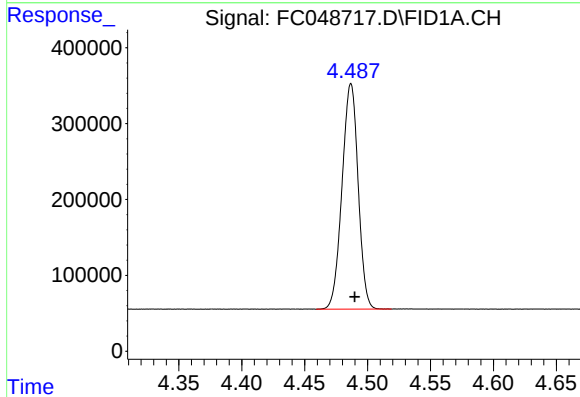
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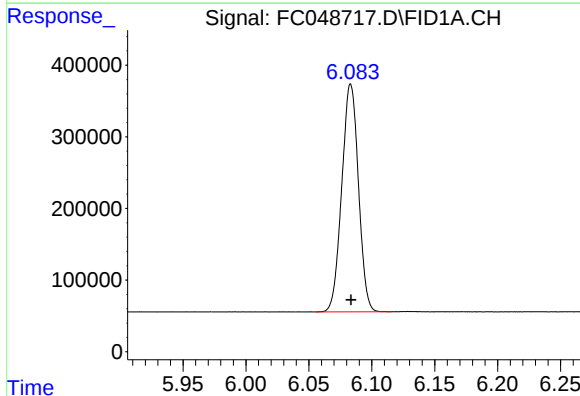
#1 n-Nonane (C9)

R.T.: 3.413 min
Delta R.T.: -0.005 min
Response: 2602193
Conc: 21.83 ug/ml



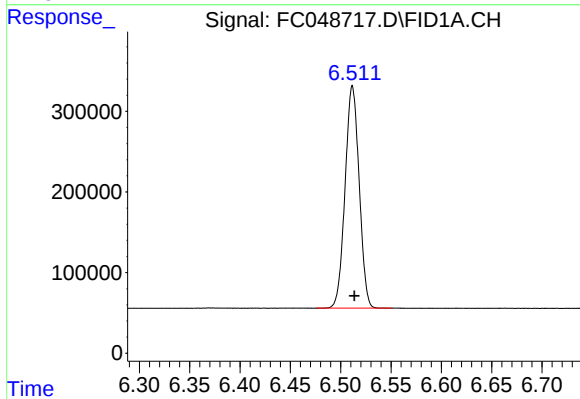
#2 n-Decane (C10)

R.T.: 4.487 min
Delta R.T.: -0.003 min
Response: 2646727
Conc: 21.99 ug/ml



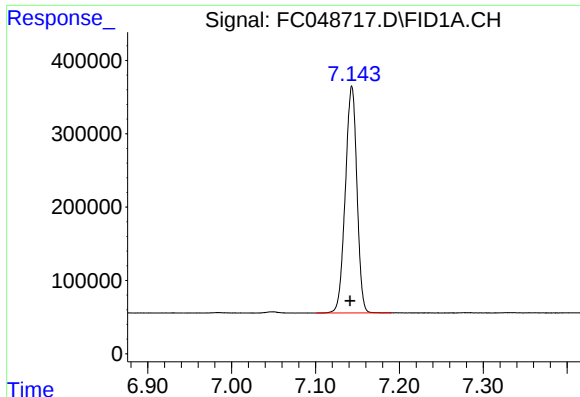
#3 A~Naphthalene (C11.7)

R.T.: 6.083 min
Delta R.T.: 0.000 min
Response: 2933454
Conc: 21.80 ug/ml



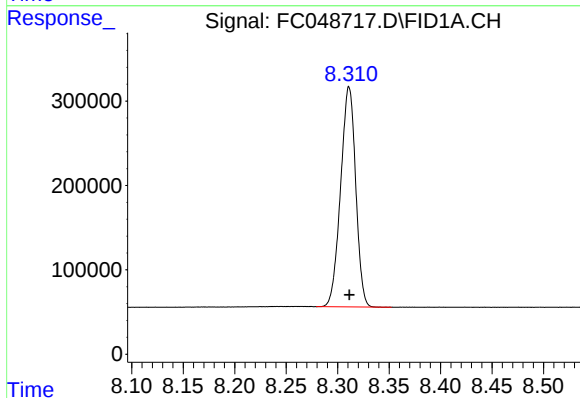
#4 n-Dodecane (C12)

R.T.: 6.512 min
Delta R.T.: -0.002 min
Response: 2691166
Conc: 22.00 ug/ml



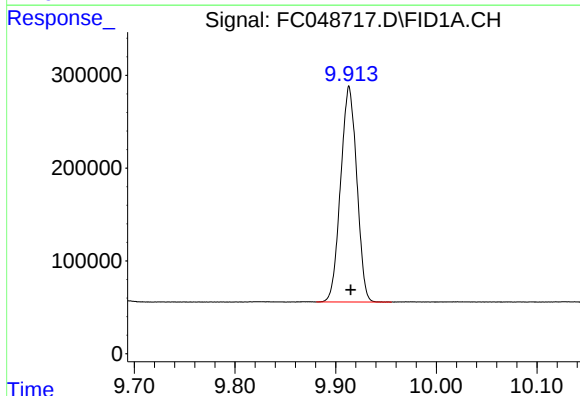
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.143 min
Delta R.T.: 0.002 min
Response: 2974476
Conc: 21.58 ug/ml



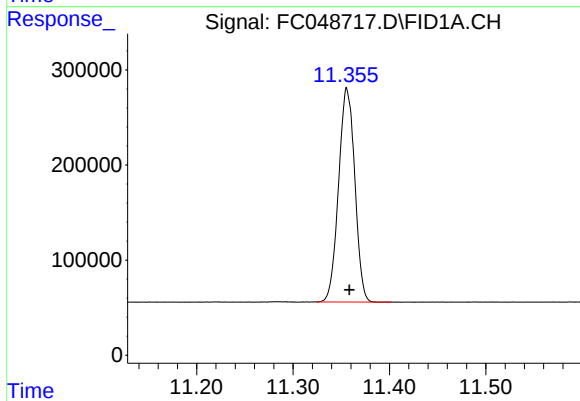
#6 n-Tetradecane (C14)

R.T.: 8.311 min
Delta R.T.: 0.000 min
Response: 2663932
Conc: 21.63 ug/ml



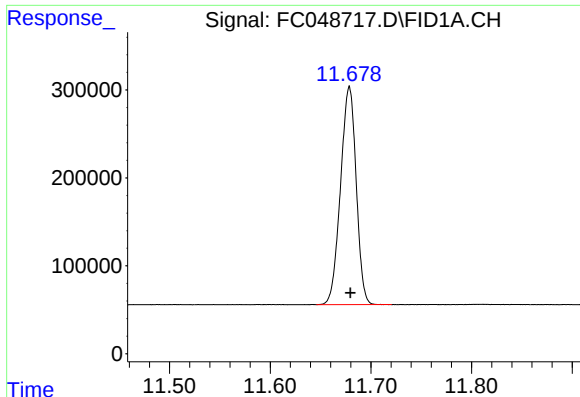
#7 n-Hexadecane (C16)

R.T.: 9.913 min
Delta R.T.: -0.002 min
Response: 2592698
Conc: 21.18 ug/ml



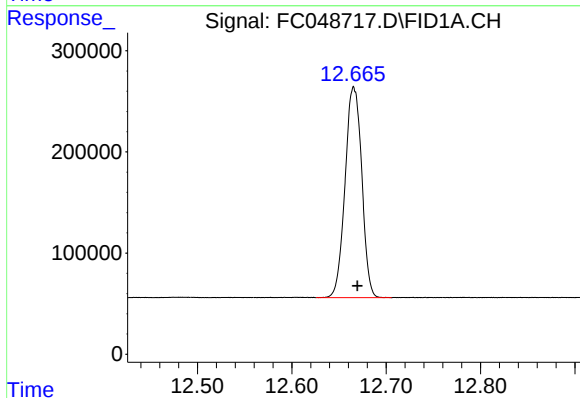
#8 n-Octadecane (C18)

R.T.: 11.356 min
Delta R.T.: -0.003 min
Response: 2622682
Conc: 20.49 ug/ml



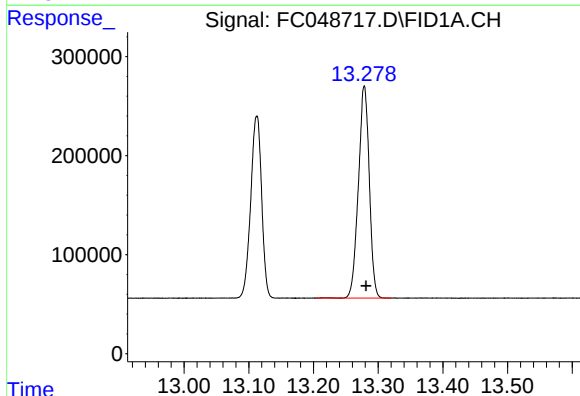
#9 ortho-Terphenyl (SURR)

R.T.: 11.679 min
Delta R.T.: 0.000 min
Response: 2679517
Conc: 19.52 ug/ml



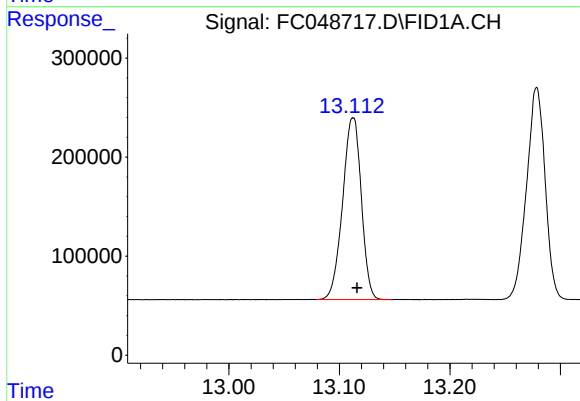
#10 n-Eicosane (C20)

R.T.: 12.666 min
Delta R.T.: -0.004 min
Response: 2558277
Conc: 19.78 ug/ml



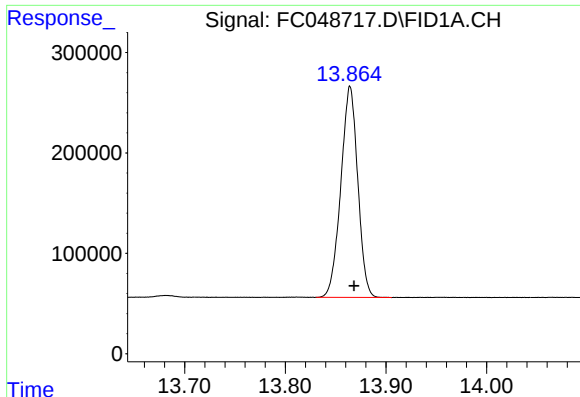
#11 n-Heneicosane (C21)

R.T.: 13.279 min
Delta R.T.: -0.003 min
Response: 2509497
Conc: 19.36 ug/ml



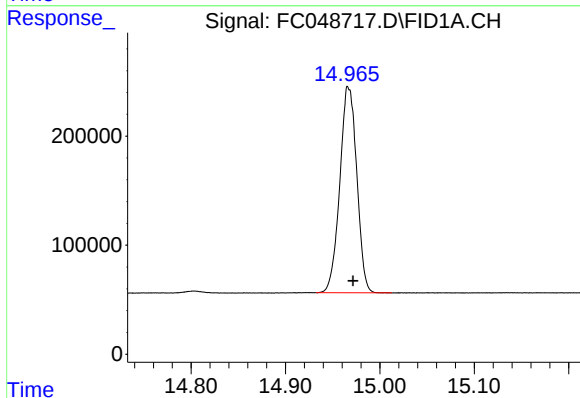
#12 1-chlorooctadecane (SURR)

R.T.: 13.112 min
Delta R.T.: -0.003 min
Response: 2157257
Conc: 19.14 ug/ml



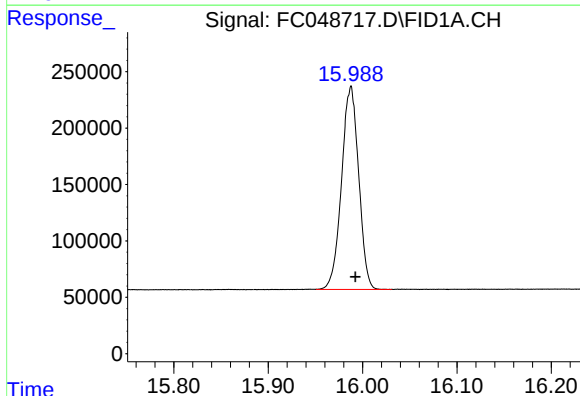
#13 n-Docosane (C22)

R.T.: 13.864 min
Delta R.T.: -0.004 min
Response: 2457459
Conc: 18.93 ug/ml



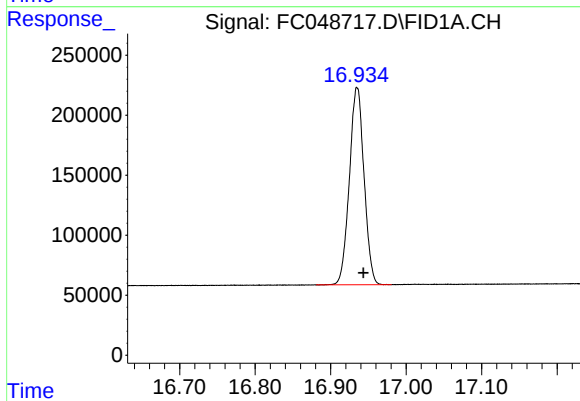
#14 n-Tetracosane (C24)

R.T.: 14.967 min
Delta R.T.: -0.005 min
Response: 2365357
Conc: 18.04 ug/ml



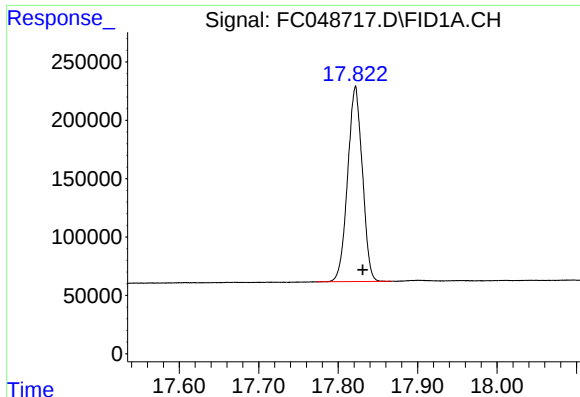
#15 n-Hexacosane (C26)

R.T.: 15.988 min
Delta R.T.: -0.005 min
Response: 2269386
Conc: 17.45 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.935 min
Delta R.T.: -0.008 min
Response: 2221520
Conc: 17.00 ug/ml



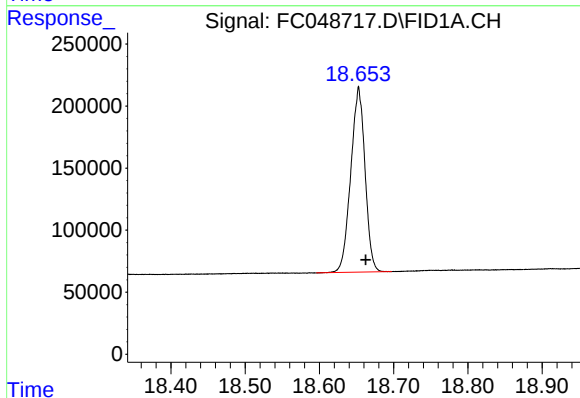
#17 n-Tricontane (C30)

R.T.: 17.822 min

Delta R.T.: -0.009 min

Response: 2149414

Conc: 16.72 ug/ml



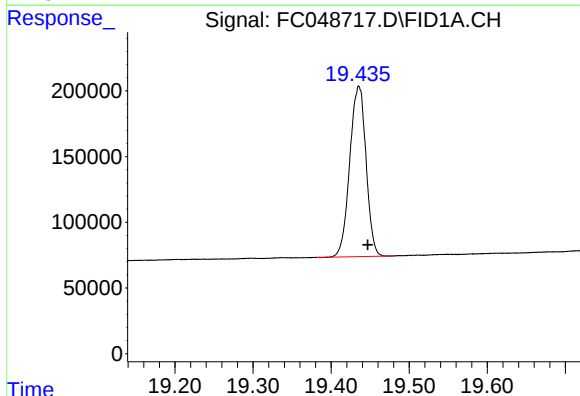
#18 n-Dotriacontane (C32)

R.T.: 18.653 min

Delta R.T.: -0.010 min

Response: 1985432

Conc: 16.81 ug/ml



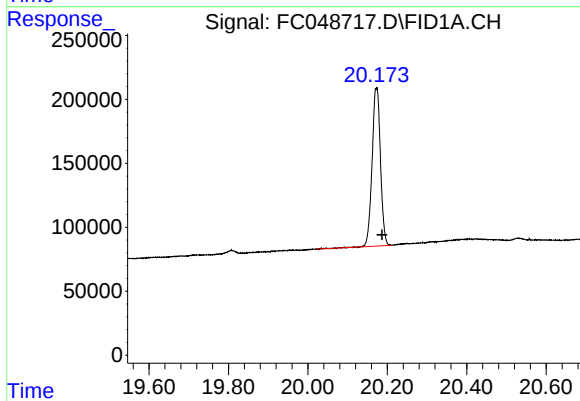
#19 n-Tetratriacontane (C34)

R.T.: 19.436 min

Delta R.T.: -0.011 min

Response: 1881727

Conc: 16.86 ug/ml



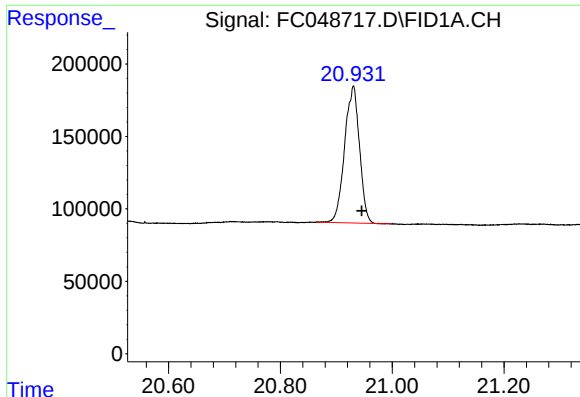
#20 n-Hexatriacontane (C36)

R.T.: 20.173 min

Delta R.T.: -0.014 min

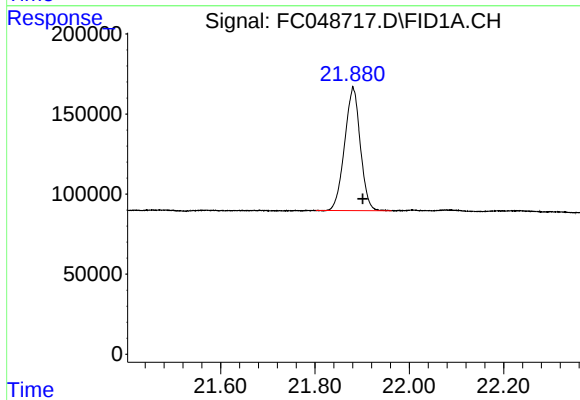
Response: 1805403

Conc: 17.17 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.931 min
Delta R.T.: -0.015 min
Response: 1744362
Conc: 17.77 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.881 min
Delta R.T.: -0.020 min
Response: 1774085
Conc: 18.26 ug/ml