

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD062619AL\
 Data File : FD029533.D
 Signal(s) : FID2B.CH
 Acq On : 26 Jun 2019 9:47
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Jun 26 12:39:12 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Alaphatic EPH 061219.M
 Quant Title : GC Extractables
 QLast Update : Thu Jun 13 08:26:29 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)	11.615	2500091	18.917 ug/ml
Spiked Amount 50.000		Recovery =	37.83%
12) S 1-chlorooctadecane (S...	13.037	1974011	18.242 ug/ml
Spiked Amount 50.000		Recovery =	36.48%
Target Compounds			
1) T n-Nonane (C9)	3.403	2387222	20.630 ug/ml
2) T n-Decane (C10)	4.468	2430761	20.752 ug/ml
3) T A~Naphthalene (C11.7)	6.053	2749163	20.547 ug/ml
4) T n-Dodecane (C12)	6.480	2422871	20.669 ug/ml
5) T A~2-methylnaphthalene...	7.105	2745666	20.461 ug/ml
6) T n-Tetradecane (C14)	8.267	2420249	20.366 ug/ml
7) T n-Hexadecane (C16)	9.860	2385628	19.914 ug/ml
8) T n-Octadecane (C18)	11.294	2337371	19.260 ug/ml
10) T n-Eicosane (C20)	12.595	2294628	18.656 ug/ml
11) T n-Heneicosane (C21)	13.203	2251762	18.313 ug/ml
13) T n-Docosane (C22)	13.786	2235768	18.159 ug/ml
14) T n-Tetracosane (C24)	14.881	2226501	18.039 ug/ml
15) T n-Hexacosane (C26)	15.895	2161397	17.749 ug/ml
16) T n-Octacosane (C28)	16.837	2123388	17.677 ug/ml
17) T n-Tricontane (C30)	17.717	2064517	17.652 ug/ml
18) T n-Dotriacontane (C32)	18.543	1912459	17.651 ug/ml
19) T n-Tetratriacontane (C34)	19.319	1646246	18.481 ug/ml
20) T n-Hexatriacontane (C36)	20.051	1213572	16.398 ug/ml
21) T n-Octatriacontane (C38)	20.774	1443161	20.804 ug/ml
22) T n-Tetracontane (C40)	21.665	1356188	19.160 ug/ml

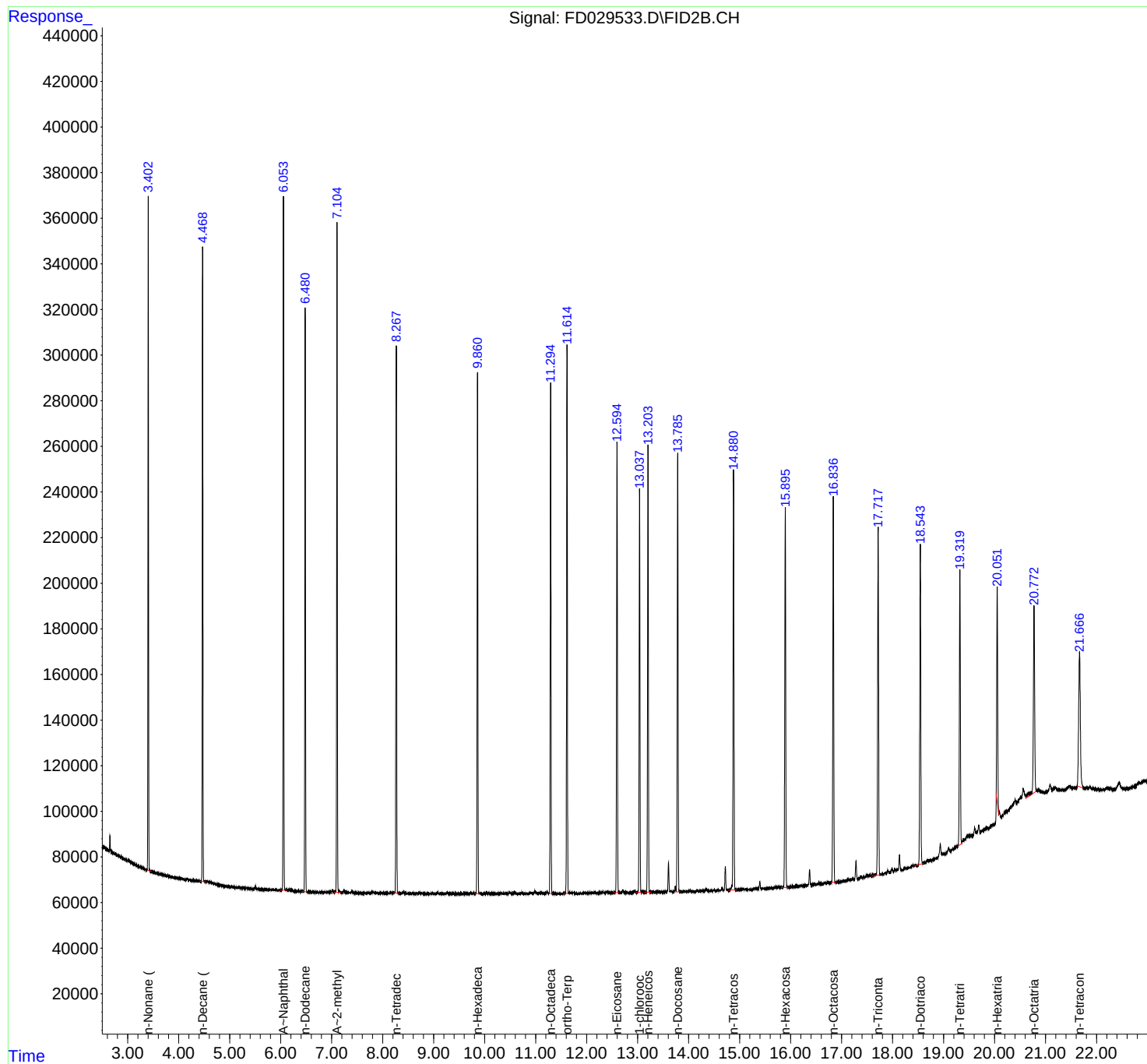
(f)=RT Delta > 1/2 Window

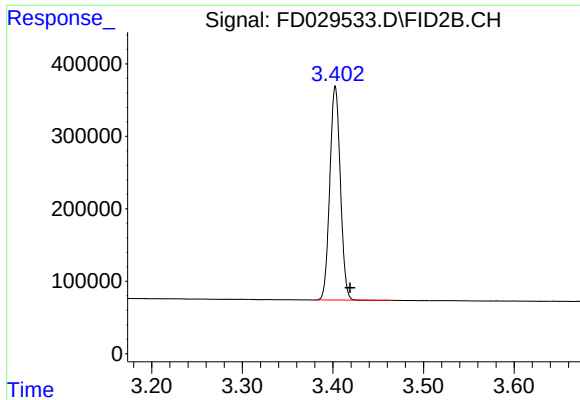
(m)=manual int.

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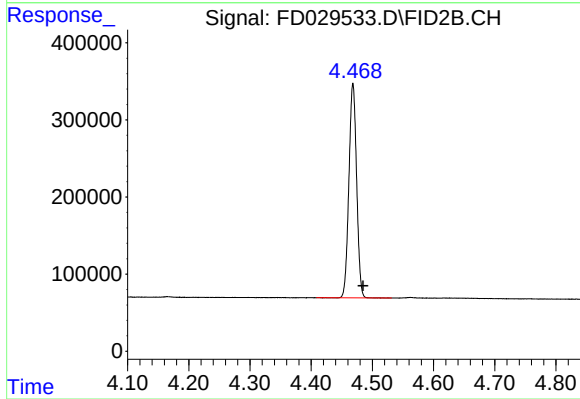
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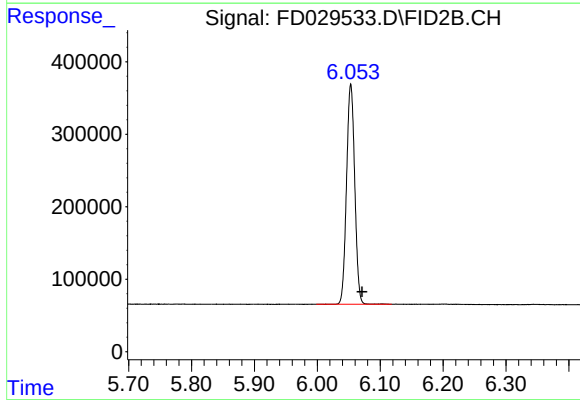
#1 n-Nonane (C9)

R.T.: 3.403 min
Delta R.T.: -0.016 min
Response: 2387222
Conc: 20.63 ug/ml



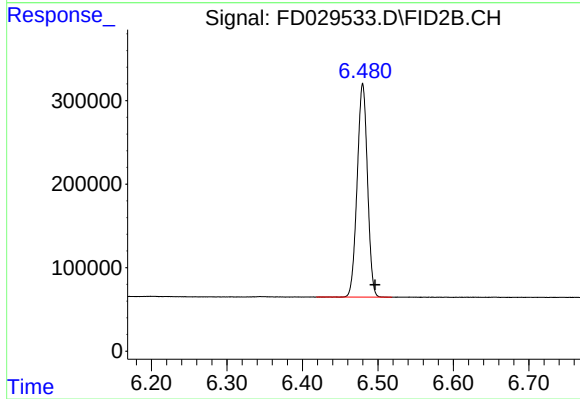
#2 n-Decane (C10)

R.T.: 4.468 min
Delta R.T.: -0.017 min
Response: 2430761
Conc: 20.75 ug/ml



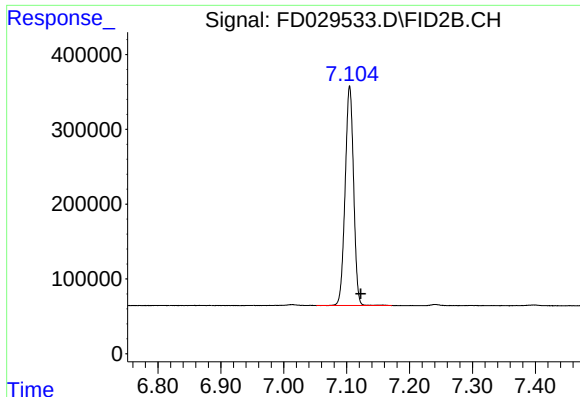
#3 A~Naphthalene (C11.7)

R.T.: 6.053 min
Delta R.T.: -0.018 min
Response: 2749163
Conc: 20.55 ug/ml



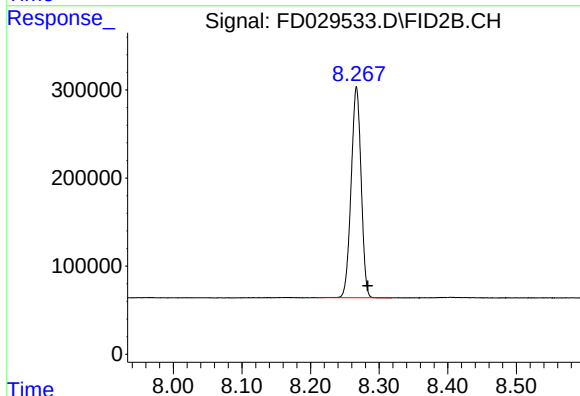
#4 n-Dodecane (C12)

R.T.: 6.480 min
Delta R.T.: -0.016 min
Response: 2422871
Conc: 20.67 ug/ml



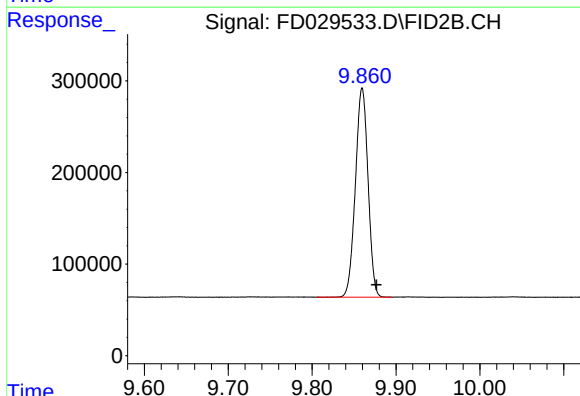
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.105 min
Delta R.T.: -0.018 min
Response: 2745666
Conc: 20.46 ug/ml



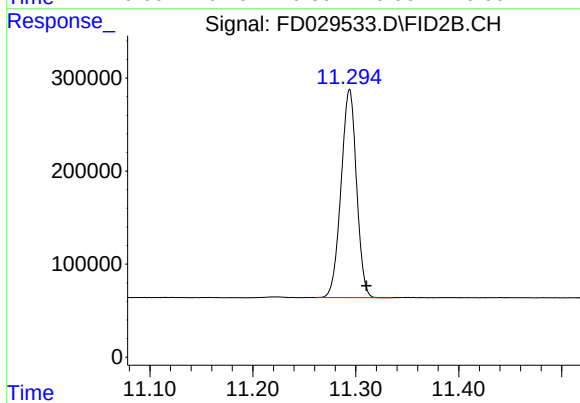
#6 n-Tetradecane (C14)

R.T.: 8.267 min
Delta R.T.: -0.016 min
Response: 2420249
Conc: 20.37 ug/ml



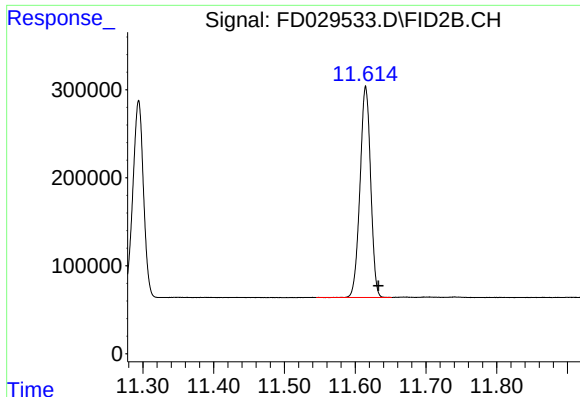
#7 n-Hexadecane (C16)

R.T.: 9.860 min
Delta R.T.: -0.017 min
Response: 2385628
Conc: 19.91 ug/ml



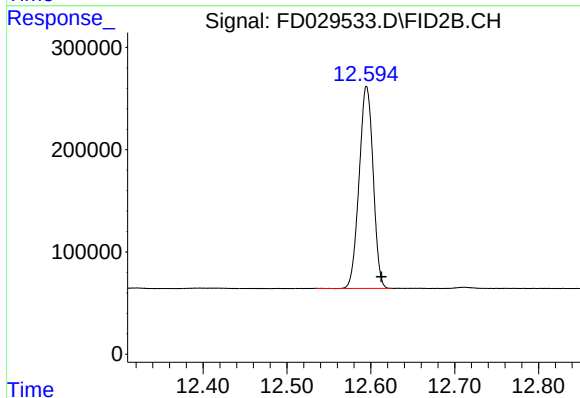
#8 n-Octadecane (C18)

R.T.: 11.294 min
Delta R.T.: -0.017 min
Response: 2337371
Conc: 19.26 ug/ml



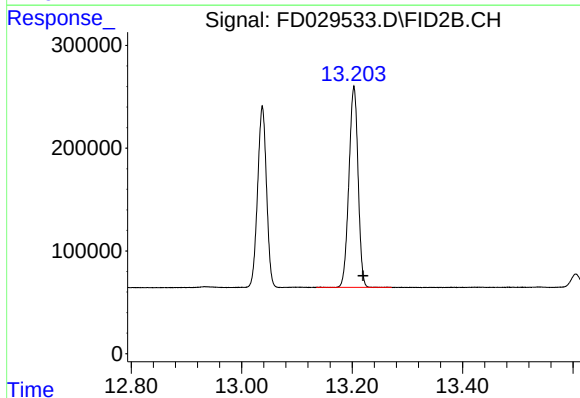
#9 ortho-Terphenyl (SURR)

R.T.: 11.615 min
Delta R.T.: -0.018 min
Response: 2500091
Conc: 18.92 ug/ml



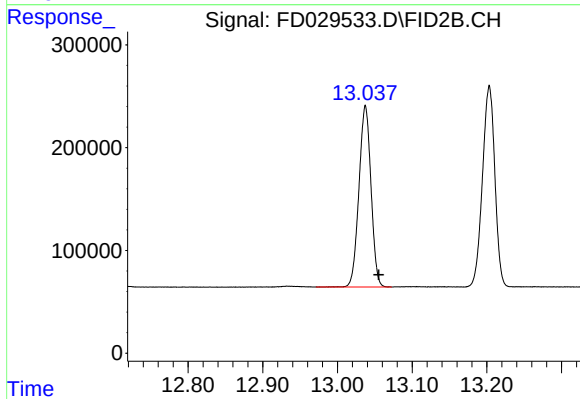
#10 n-Eicosane (C20)

R.T.: 12.595 min
Delta R.T.: -0.018 min
Response: 2294628
Conc: 18.66 ug/ml



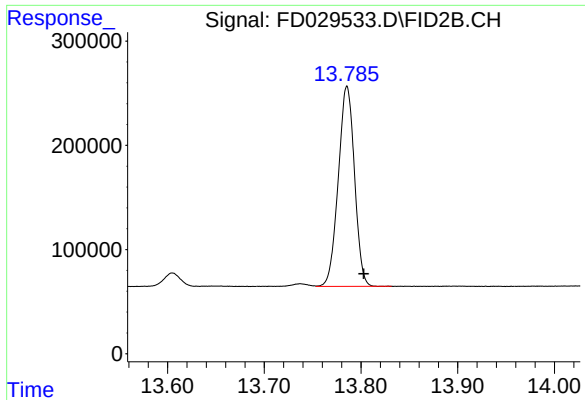
#11 n-Heneicosane (C21)

R.T.: 13.203 min
Delta R.T.: -0.017 min
Response: 2251762
Conc: 18.31 ug/ml



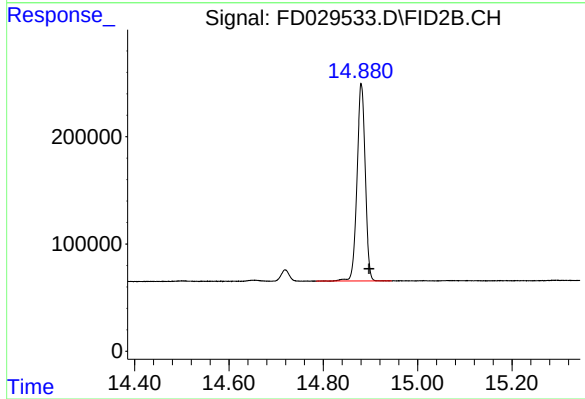
#12 1-chlorooctadecane (SURR)

R.T.: 13.037 min
Delta R.T.: -0.018 min
Response: 1974011
Conc: 18.24 ug/ml



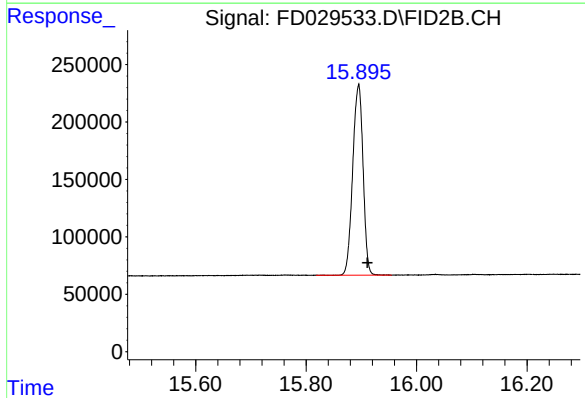
#13 n-Docosane (C22)

R.T.: 13.786 min
Delta R.T.: -0.017 min
Response: 2235768
Conc: 18.16 ug/ml



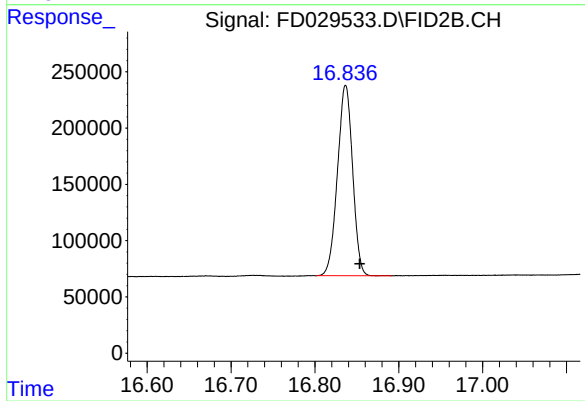
#14 n-Tetracosane (C24)

R.T.: 14.881 min
Delta R.T.: -0.017 min
Response: 2226501
Conc: 18.04 ug/ml



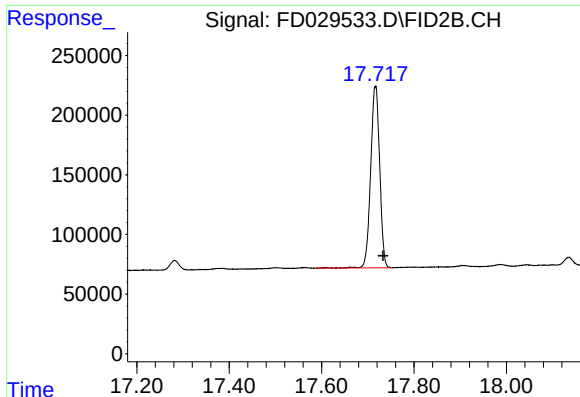
#15 n-Hexacosane (C26)

R.T.: 15.895 min
Delta R.T.: -0.017 min
Response: 2161397
Conc: 17.75 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.837 min
Delta R.T.: -0.017 min
Response: 2123388
Conc: 17.68 ug/ml



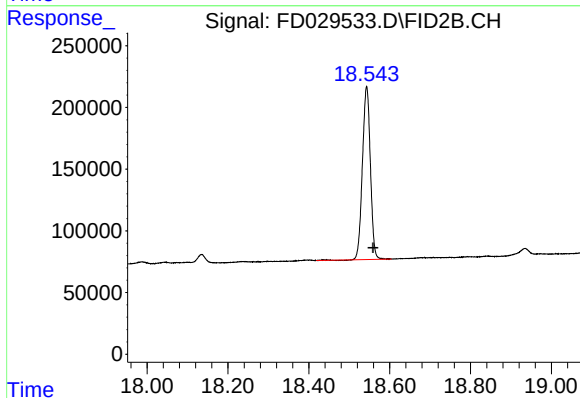
#17 n-Tricontane (C30)

R.T.: 17.717 min

Delta R.T.: -0.016 min

Response: 2064517

Conc: 17.65 ug/ml



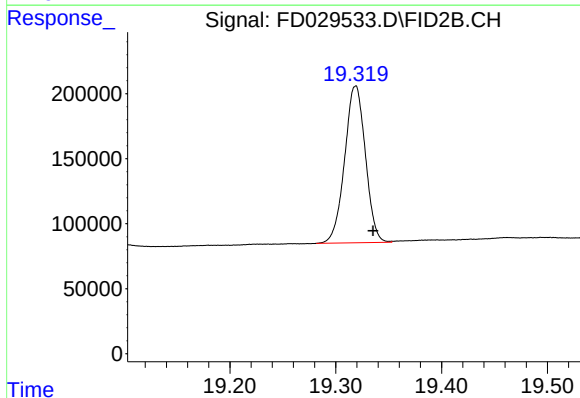
#18 n-Dotriacontane (C32)

R.T.: 18.543 min

Delta R.T.: -0.016 min

Response: 1912459

Conc: 17.65 ug/ml



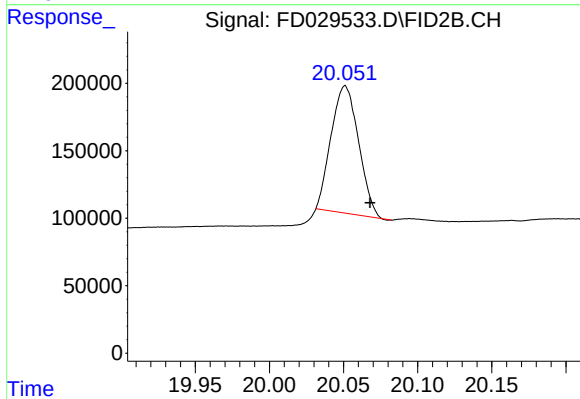
#19 n-Tetratriacontane (C34)

R.T.: 19.319 min

Delta R.T.: -0.017 min

Response: 1646246

Conc: 18.48 ug/ml



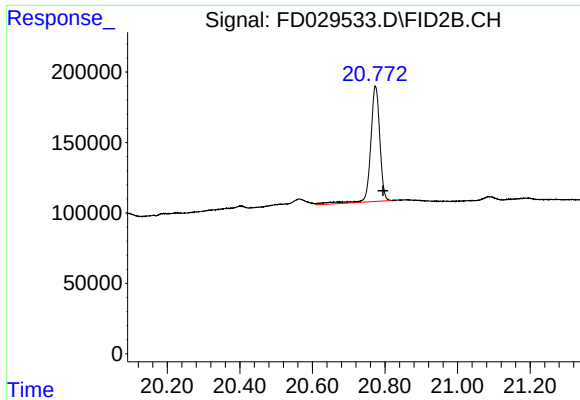
#20 n-Hexatriacontane (C36)

R.T.: 20.051 min

Delta R.T.: -0.017 min

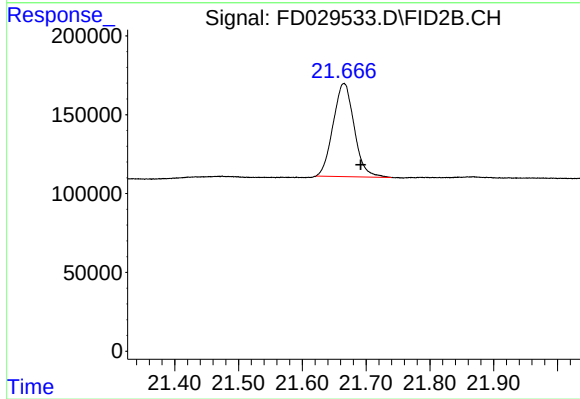
Response: 1213572

Conc: 16.40 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.774 min
Delta R.T.: -0.021 min
Response: 1443161
Conc: 20.80 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.665 min
Delta R.T.: -0.026 min
Response: 1356188
Conc: 19.16 ug/ml