

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD012119AL\
 Data File : FD027368.D
 Signal(s) : FID2B.CH
 Acq On : 22 Jan 2019 7:25
 Operator : AJ\SJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Jan 22 07:55:56 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Alaphatic EPH 010719.M
 Quant Title : GC Extractables
 QLast Update : Tue Jan 08 08:17:25 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)	11.245	2046333	18.406 ug/ml
Spiked Amount 50.000		Recovery =	36.81%
12) S 1-chlorooctadecane (S...	12.688	1589376	18.572 ug/ml
Spiked Amount 50.000		Recovery =	37.14%
Target Compounds			
1) T n-Nonane (C9)	3.073	1715515	17.728 ug/ml
2) T n-Decane (C10)	4.133	1807812	18.223 ug/ml
3) T A~Naphthalene (C11.7)	5.692	2110799	18.944 ug/ml
4) T n-Dodecane (C12)	6.142	1897058	18.930 ug/ml
5) T A~2-methylnaphthalene...	6.741	2132040	19.088 ug/ml
6) T n-Tetradecane (C14)	7.926	1929417	18.997 ug/ml
7) T n-Hexadecane (C16)	9.518	1896040	18.681 ug/ml
8) T n-Octadecane (C18)	10.950	1866374	18.383 ug/ml
10) T n-Eicosane (C20)	12.251	1850770	18.483 ug/ml
11) T n-Heneicosane (C21)	12.860	1825542	18.493 ug/ml
13) T n-Docosane (C22)	13.443	1845913	18.855 ug/ml
14) T n-Tetracosane (C24)	14.539	1887643	19.557 ug/ml
15) T n-Hexacosane (C26)	15.554	1917105	20.383 ug/ml
16) T n-Octacosane (C28)	16.498	1973166	21.252 ug/ml
17) T n-Tricontane (C30)	17.381	1931996	21.452 ug/ml
18) T n-Dotriacontane (C32)	18.208	1734467	20.334 ug/ml
19) T n-Tetratriacontane (C34)	18.985	1604282	21.768 ug/ml
20) T n-Hexatriacontane (C36)	19.719	1426610	21.418 ug/ml
21) T n-Octatriacontane (C38)	20.416	1801523	27.763 ug/ml
22) T n-Tetracontane (C40)	21.198	1155592	18.410 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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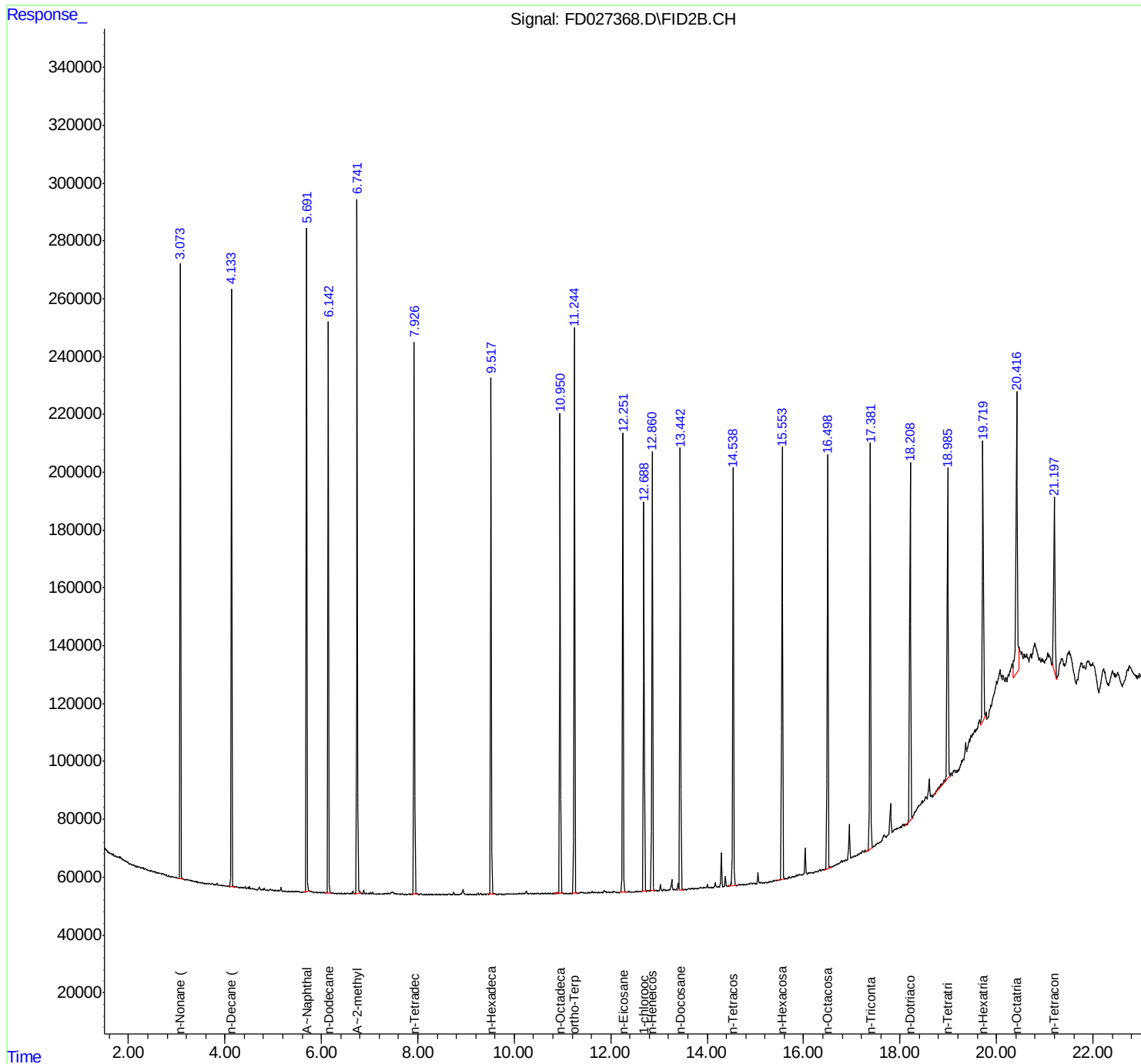
Response via : Initial Calibration

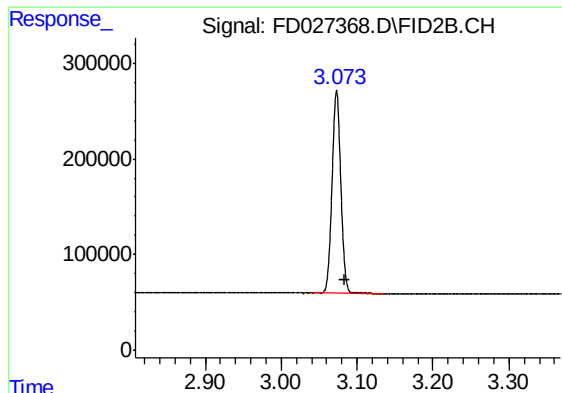
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. : 1 ul

Signal Phase : Rxi-1ms

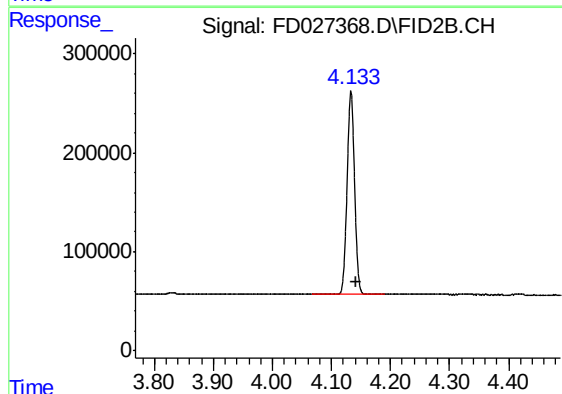
Signal Info : 20M x 0.18mm x 0.18um





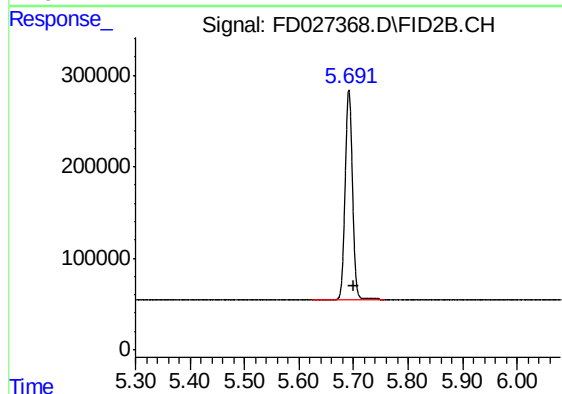
#1 n-Nonane (C9)

R.T.: 3.073 min
Delta R.T.: -0.010 min
Response: 1715515
Conc: 17.73 ug/ml



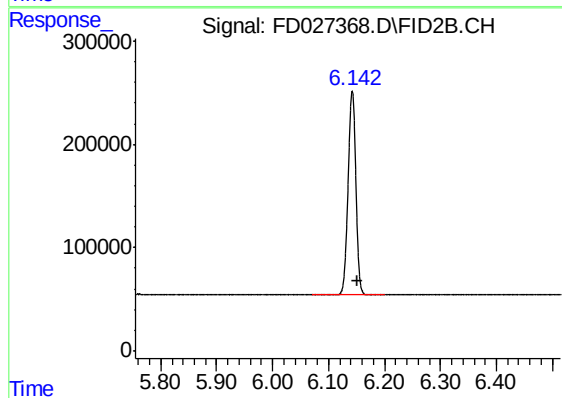
#2 n-Decane (C10)

R.T.: 4.133 min
Delta R.T.: -0.009 min
Response: 1807812
Conc: 18.22 ug/ml



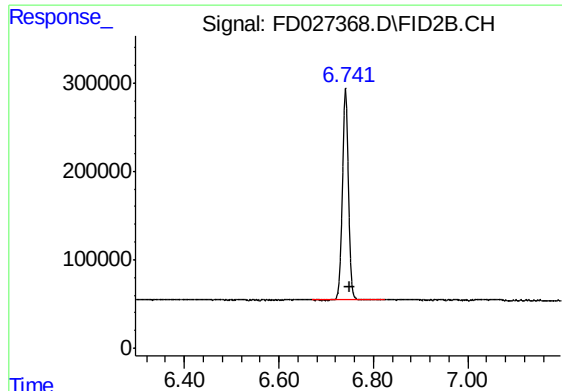
#3 A~Naphthalene (C11.7)

R.T.: 5.692 min
Delta R.T.: -0.008 min
Response: 2110799
Conc: 18.94 ug/ml



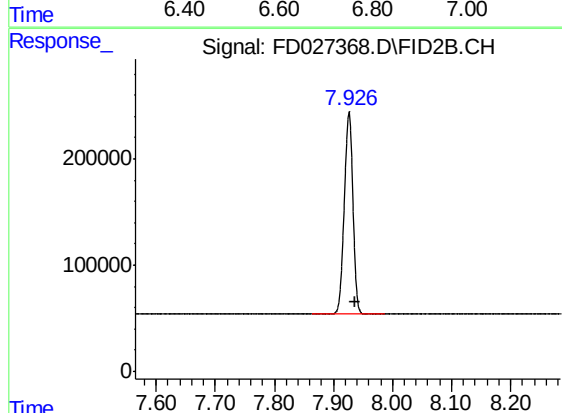
#4 n-Dodecane (C12)

R.T.: 6.142 min
Delta R.T.: -0.009 min
Response: 1897058
Conc: 18.93 ug/ml



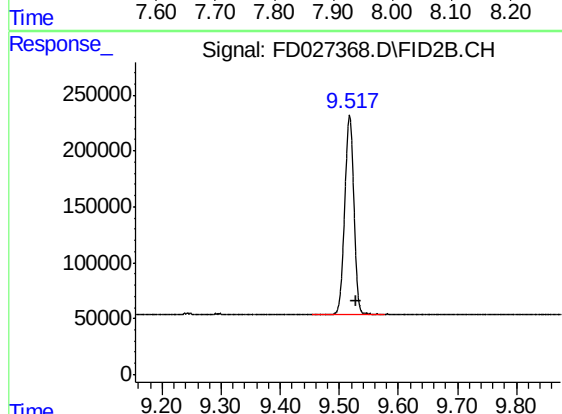
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.741 min
Delta R.T.: -0.009 min
Response: 2132040
Conc: 19.09 ug/ml



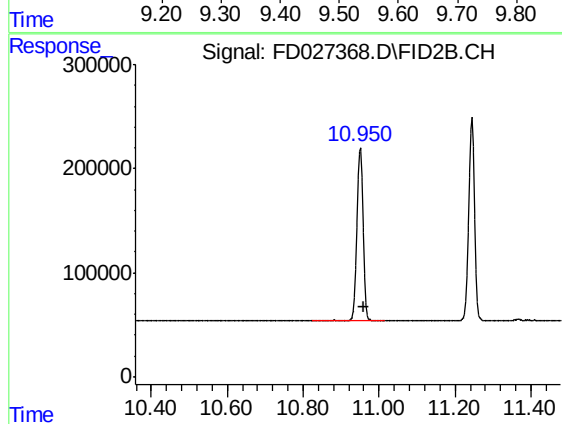
#6 n-Tetradecane (C14)

R.T.: 7.926 min
Delta R.T.: -0.010 min
Response: 1929417
Conc: 19.00 ug/ml



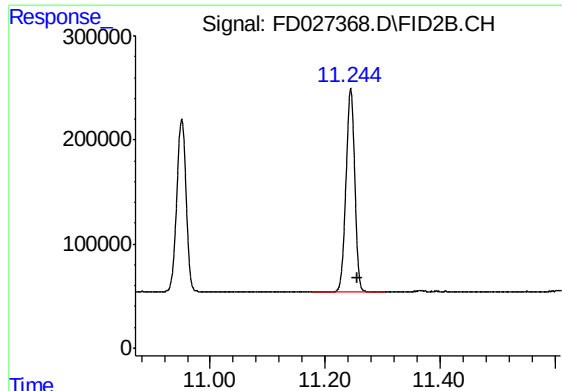
#7 n-Hexadecane (C16)

R.T.: 9.518 min
Delta R.T.: -0.010 min
Response: 1896040
Conc: 18.68 ug/ml



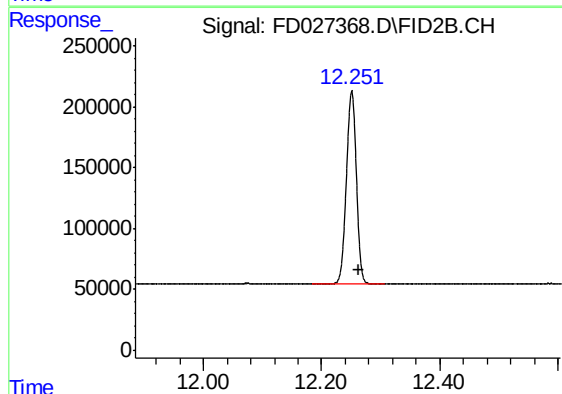
#8 n-Octadecane (C18)

R.T.: 10.950 min
Delta R.T.: -0.011 min
Response: 1866374
Conc: 18.38 ug/ml



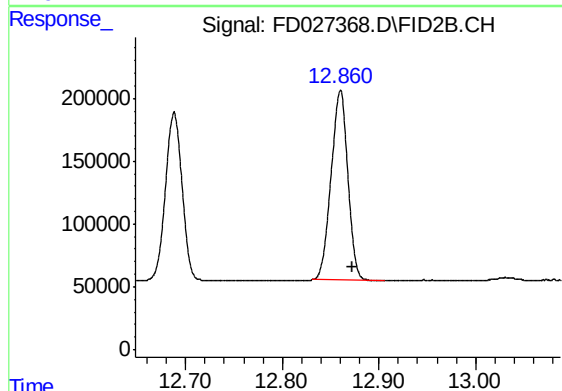
#9 ortho-Terphenyl (SURR)

R.T.: 11.245 min
Delta R.T.: -0.011 min
Response: 2046333
Conc: 18.41 ug/ml



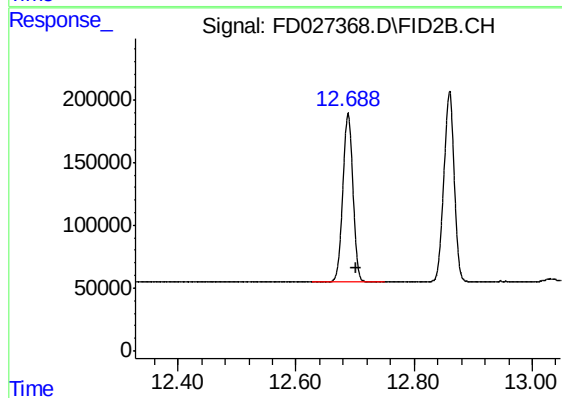
#10 n-Eicosane (C20)

R.T.: 12.251 min
Delta R.T.: -0.012 min
Response: 1850770
Conc: 18.48 ug/ml



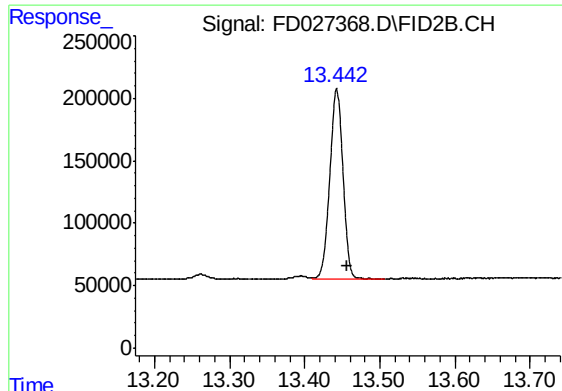
#11 n-Heneicosane (C21)

R.T.: 12.860 min
Delta R.T.: -0.012 min
Response: 1825542
Conc: 18.49 ug/ml



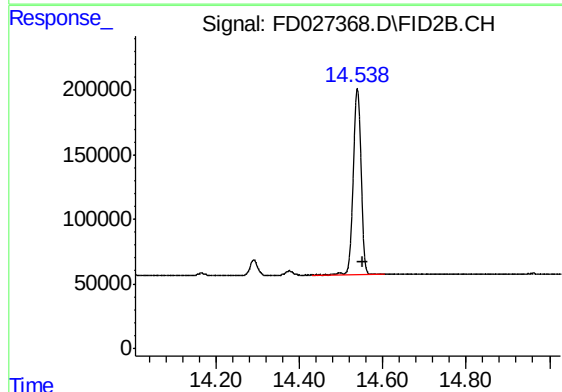
#12 1-chlorooctadecane (SURR)

R.T.: 12.688 min
Delta R.T.: -0.013 min
Response: 1589376
Conc: 18.57 ug/ml



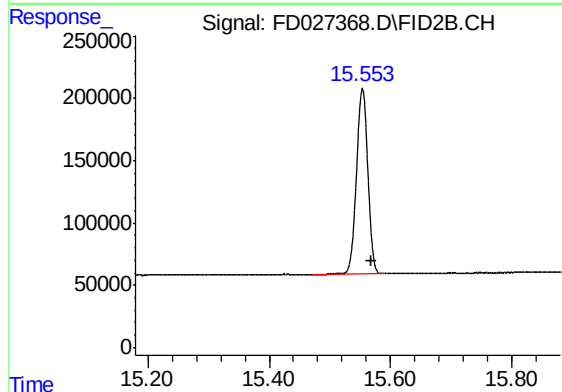
#13 n-Docosane (C22)

R.T.: 13.443 min
Delta R.T.: -0.013 min
Response: 1845913
Conc: 18.85 ug/ml



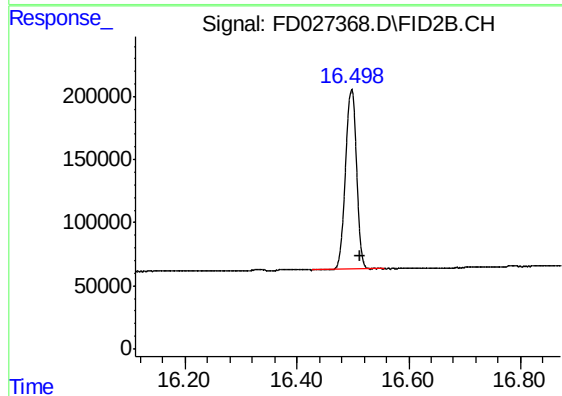
#14 n-Tetracosane (C24)

R.T.: 14.539 min
Delta R.T.: -0.014 min
Response: 1887643
Conc: 19.56 ug/ml



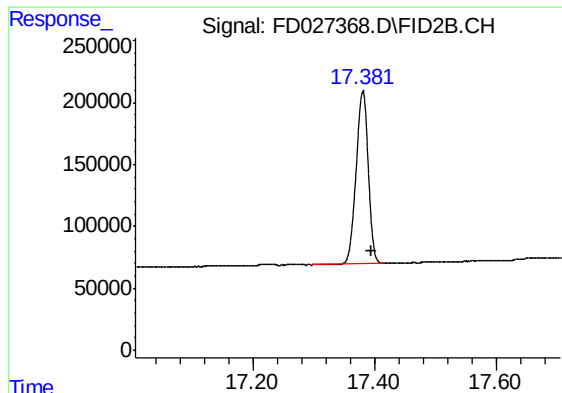
#15 n-Hexacosane (C26)

R.T.: 15.554 min
Delta R.T.: -0.015 min
Response: 1917105
Conc: 20.38 ug/ml



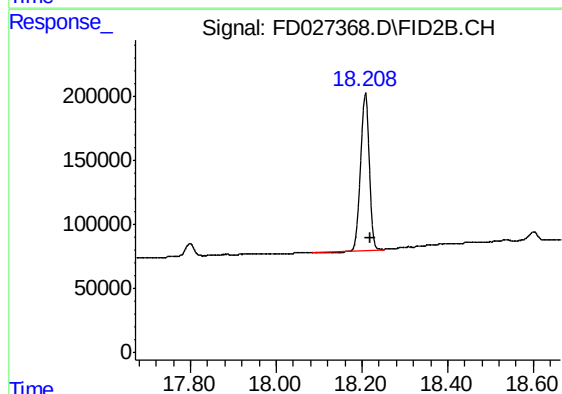
#16 n-Octacosane (C28)

R.T.: 16.498 min
Delta R.T.: -0.015 min
Response: 1973166
Conc: 21.25 ug/ml



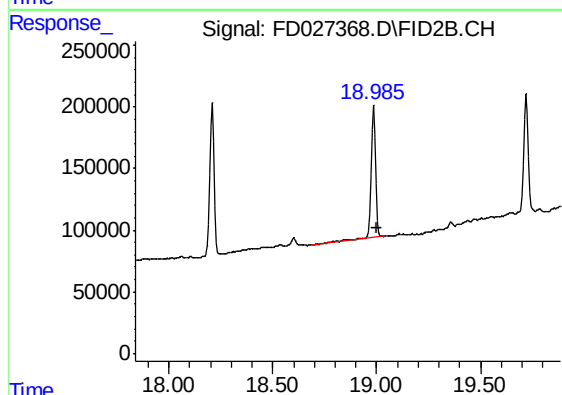
#17 n-Tricontane (C30)

R.T.: 17.381 min
Delta R.T.: -0.014 min
Response: 1931996
Conc: 21.45 ug/ml



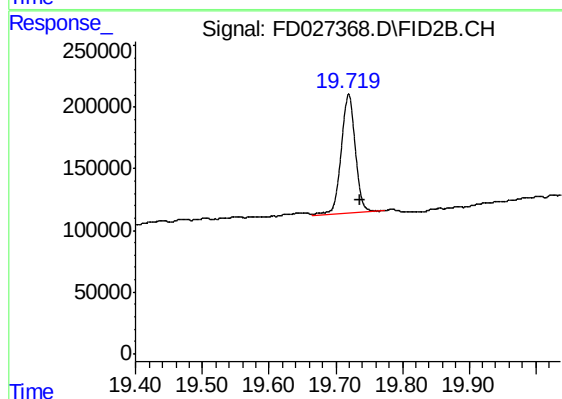
#18 n-Dotriacontane (C32)

R.T.: 18.208 min
Delta R.T.: -0.013 min
Response: 1734467
Conc: 20.33 ug/ml



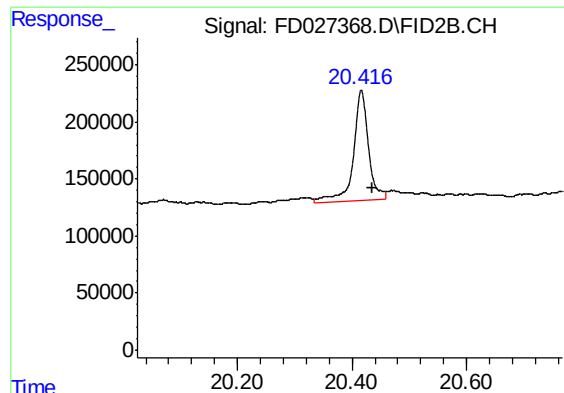
#19 n-Tetratriacontane (C34)

R.T.: 18.985 min
Delta R.T.: -0.017 min
Response: 1604282
Conc: 21.77 ug/ml



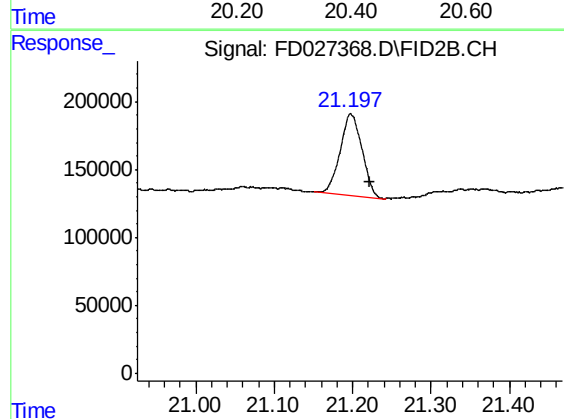
#20 n-Hexatriacontane (C36)

R.T.: 19.719 min
Delta R.T.: -0.018 min
Response: 1426610
Conc: 21.42 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.416 min
Delta R.T.: -0.019 min
Response: 1801523
Conc: 27.76 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.198 min
Delta R.T.: -0.024 min
Response: 1155592
Conc: 18.41 ug/ml