

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD012419AL\
 Data File : FD027413.D
 Signal(s) : FID2B.CH
 Acq On : 25 Jan 2019 3:59
 Operator : AJ\SJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: sample.E
 Quant Time: Jan 25 04:54:44 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)	11.246	2101130	18.899 ug/ml
Spiked Amount 50.000		Recovery =	37.80%
12) S 1-chlorooctadecane (S...	12.691	1646849	19.244 ug/ml
Spiked Amount 50.000		Recovery =	38.49%
Target Compounds			
1) T n-Nonane (C9)	3.074	1733512	17.914 ug/ml
2) T n-Decane (C10)	4.133	1805643	18.201 ug/ml
3) T A~Naphthalene (C11.7)	5.691	2098489	18.834 ug/ml
4) T n-Dodecane (C12)	6.142	1861192	18.572 ug/ml
5) T A~2-methylnaphthalene...	6.742	2119951	18.980 ug/ml
6) T n-Tetradecane (C14)	7.926	1896052	18.669 ug/ml
7) T n-Hexadecane (C16)	9.518	1896832	18.689 ug/ml
8) T n-Octadecane (C18)	10.951	1907548	18.788 ug/ml
10) T n-Eicosane (C20)	12.253	1918773	19.162 ug/ml
11) T n-Heneicosane (C21)	12.862	1906767	19.315 ug/ml
13) T n-Docosane (C22)	13.444	1945422	19.871 ug/ml
14) T n-Tetracosane (C24)	14.542	2004178	20.764 ug/ml
15) T n-Hexacosane (C26)	15.557	2107219	22.405 ug/ml
16) T n-Octacosane (C28)	16.502	2206129	23.761 ug/ml
17) T n-Tricontane (C30)	17.384	2192270	24.342 ug/ml
18) T n-Dotriacontane (C32)	18.211	2057891	24.125 ug/ml
19) T n-Tetratriacontane (C34)	18.990	1742470	23.643 ug/ml
20) T n-Hexatriacontane (C36)	19.724	1515281	22.749 ug/ml
21) T n-Octatriacontane (C38)	20.421	1449872	22.344 ug/ml
22) T n-Tetracontane (C40)	21.205	1251711	19.941 ug/ml

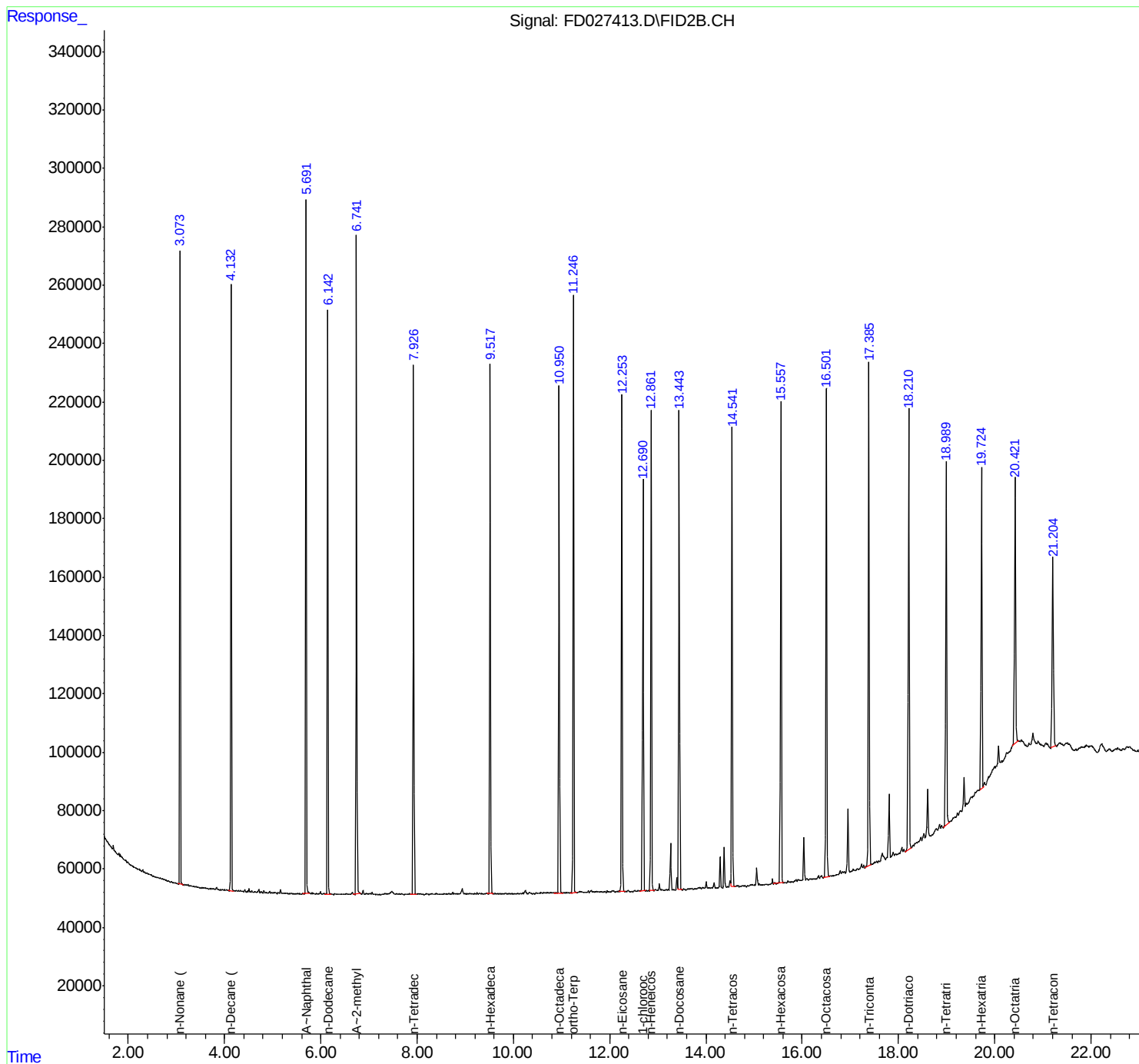
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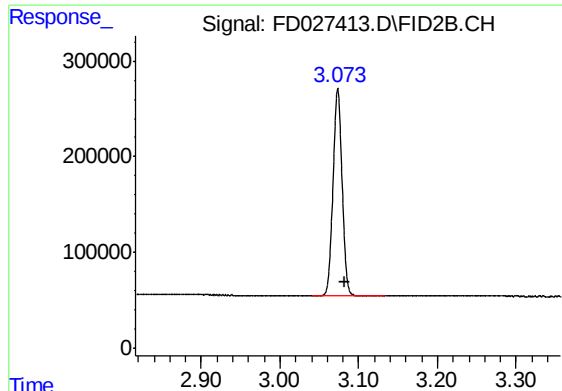
(m)=manual int.

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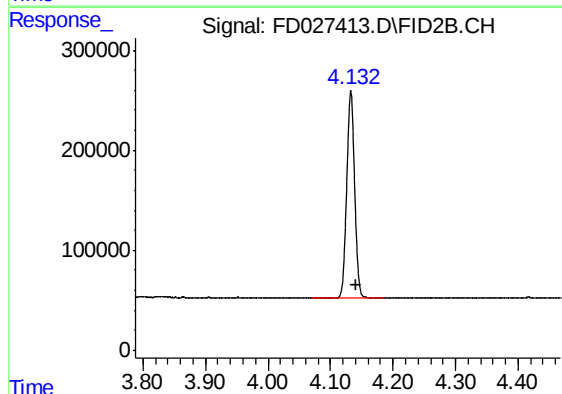
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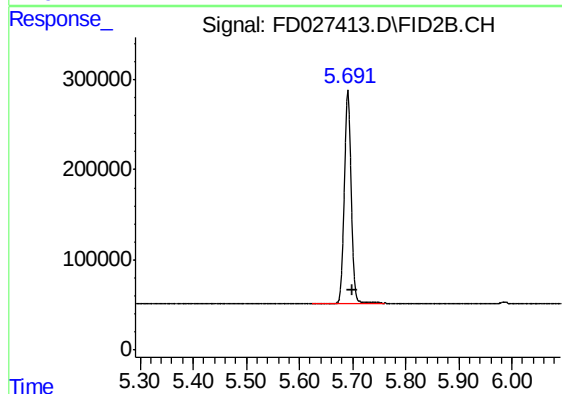
#1 n-Nonane (C9)

R.T.: 3.074 min
Delta R.T.: -0.009 min
Response: 1733512
Conc: 17.91 ug/ml



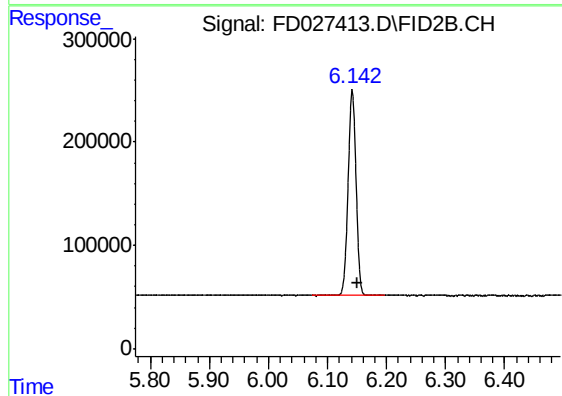
#2 n-Decane (C10)

R.T.: 4.133 min
Delta R.T.: -0.009 min
Response: 1805643
Conc: 18.20 ug/ml



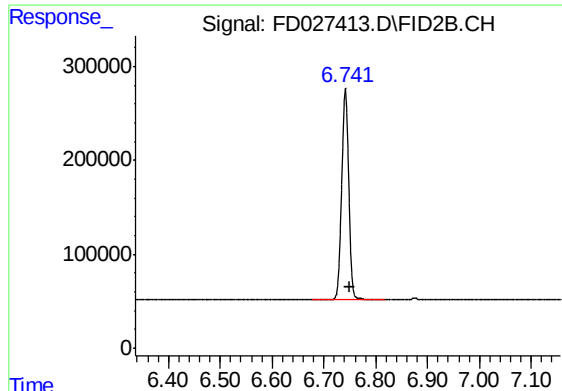
#3 A~Naphthalene (C11.7)

R.T.: 5.691 min
Delta R.T.: -0.009 min
Response: 2098489
Conc: 18.83 ug/ml



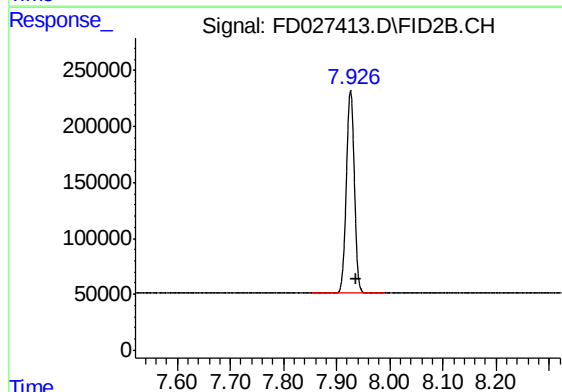
#4 n-Dodecane (C12)

R.T.: 6.142 min
Delta R.T.: -0.009 min
Response: 1861192
Conc: 18.57 ug/ml



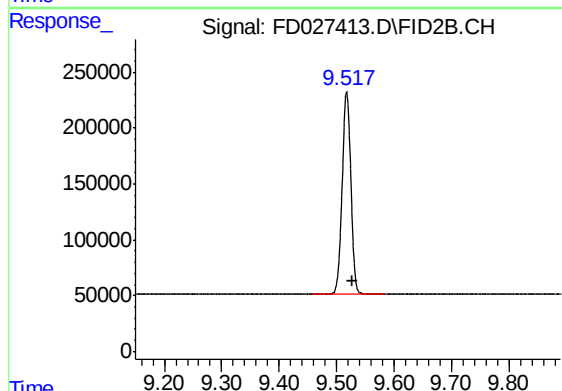
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.742 min
Delta R.T.: -0.008 min
Response: 2119951
Conc: 18.98 ug/ml



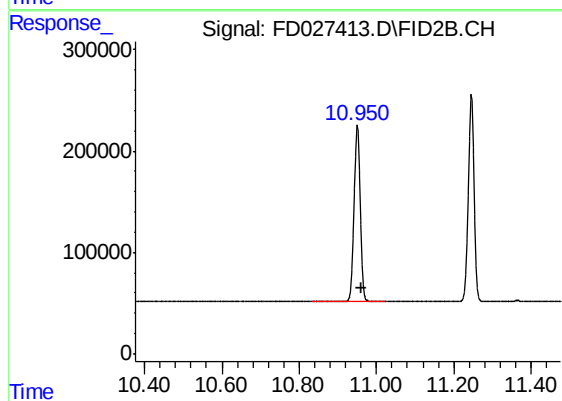
#6 n-Tetradecane (C14)

R.T.: 7.926 min
Delta R.T.: -0.010 min
Response: 1896052
Conc: 18.67 ug/ml



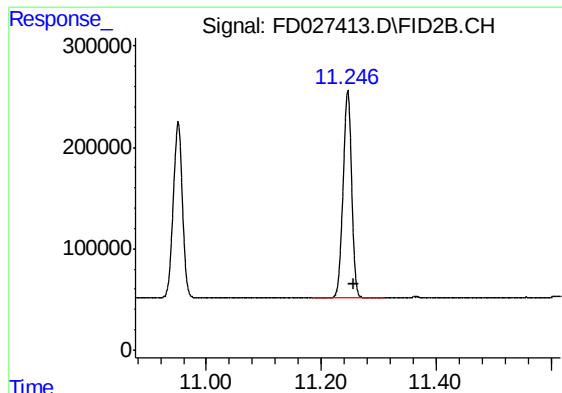
#7 n-Hexadecane (C16)

R.T.: 9.518 min
Delta R.T.: -0.010 min
Response: 1896832
Conc: 18.69 ug/ml



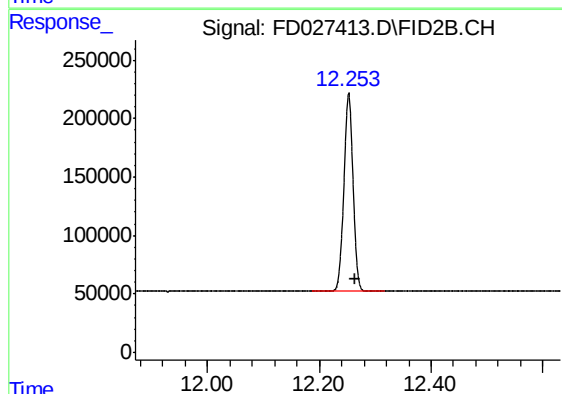
#8 n-Octadecane (C18)

R.T.: 10.951 min
Delta R.T.: -0.010 min
Response: 1907548
Conc: 18.79 ug/ml



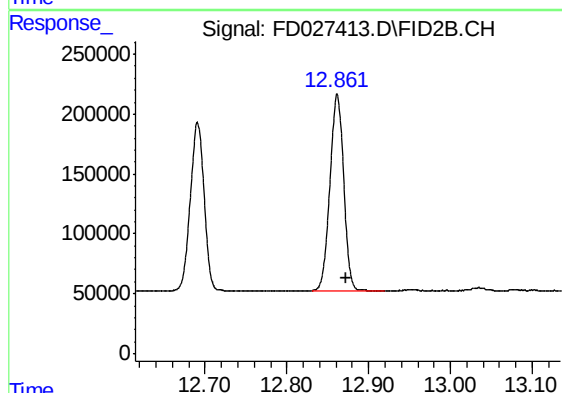
#9 ortho-Terphenyl (SURR)

R.T.: 11.246 min
Delta R.T.: -0.010 min
Response: 2101130
Conc: 18.90 ug/ml



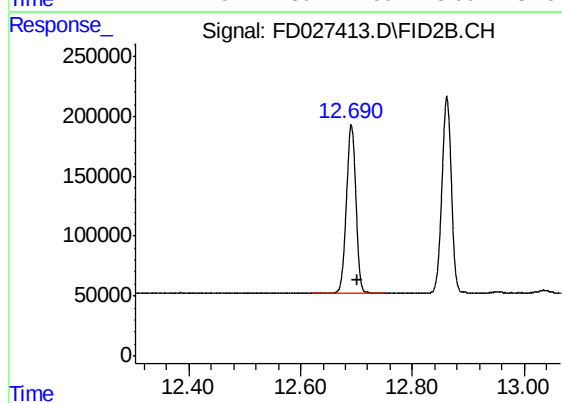
#10 n-Eicosane (C20)

R.T.: 12.253 min
Delta R.T.: -0.010 min
Response: 1918773
Conc: 19.16 ug/ml



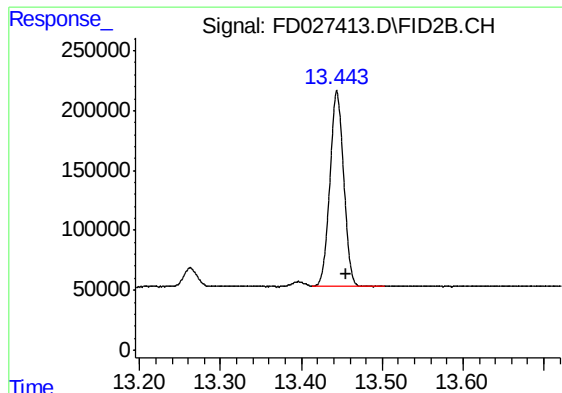
#11 n-Heneicosane (C21)

R.T.: 12.862 min
Delta R.T.: -0.010 min
Response: 1906767
Conc: 19.32 ug/ml



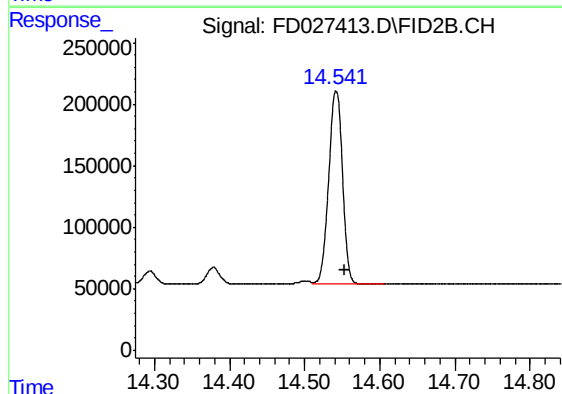
#12 1-chlorooctadecane (SURR)

R.T.: 12.691 min
Delta R.T.: -0.010 min
Response: 1646849
Conc: 19.24 ug/ml



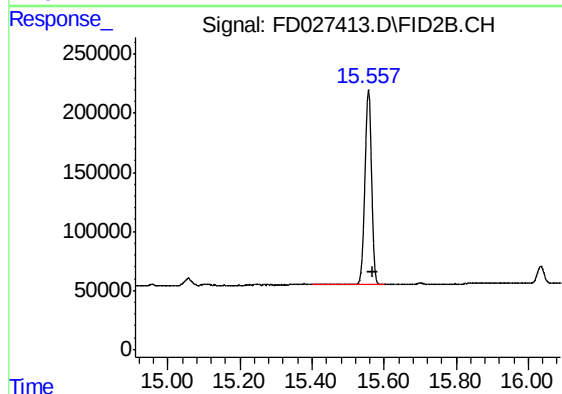
#13 n-Docosane (C22)

R.T.: 13.444 min
Delta R.T.: -0.012 min
Response: 1945422
Conc: 19.87 ug/ml



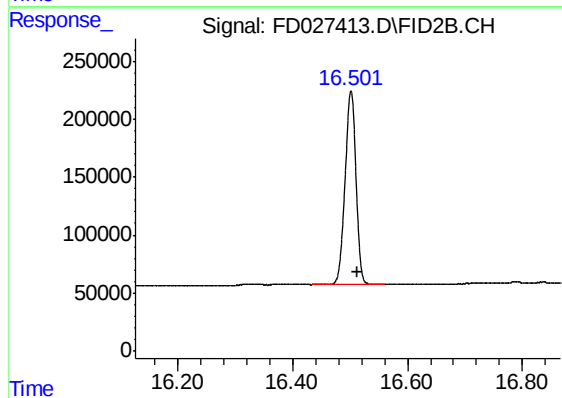
#14 n-Tetracosane (C24)

R.T.: 14.542 min
Delta R.T.: -0.011 min
Response: 2004178
Conc: 20.76 ug/ml



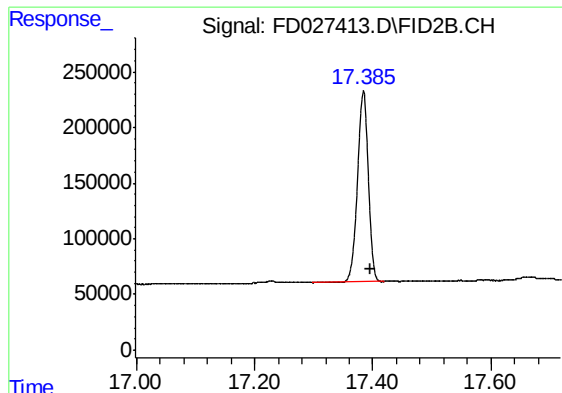
#15 n-Hexacosane (C26)

R.T.: 15.557 min
Delta R.T.: -0.012 min
Response: 2107219
Conc: 22.40 ug/ml



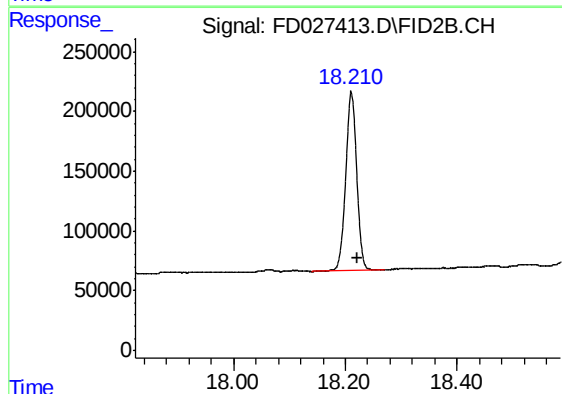
#16 n-Octacosane (C28)

R.T.: 16.502 min
Delta R.T.: -0.011 min
Response: 2206129
Conc: 23.76 ug/ml



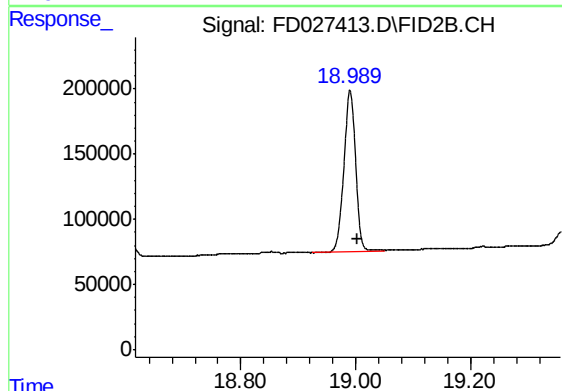
#17 n-Tricontane (C30)

R.T.: 17.384 min
Delta R.T.: -0.011 min
Response: 2192270
Conc: 24.34 ug/ml



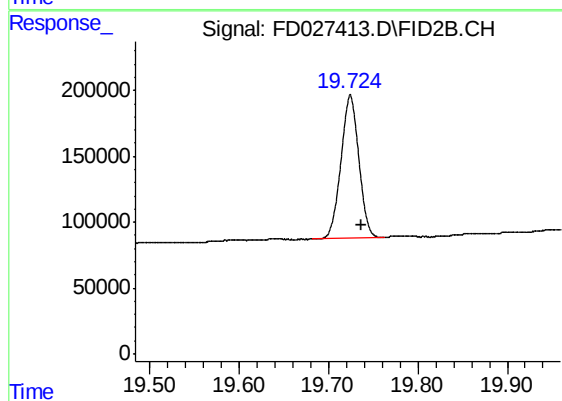
#18 n-Dotriacontane (C32)

R.T.: 18.211 min
Delta R.T.: -0.010 min
Response: 2057891
Conc: 24.13 ug/ml



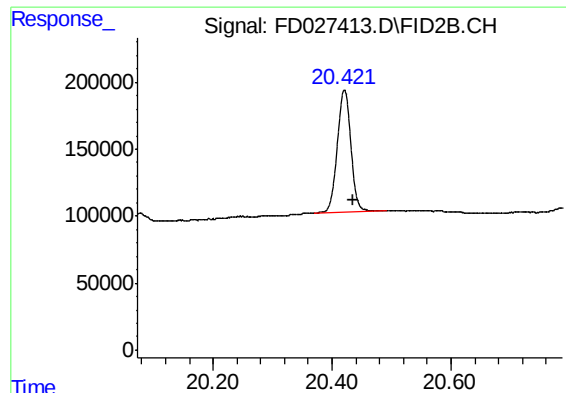
#19 n-Tetratriacontane (C34)

R.T.: 18.990 min
Delta R.T.: -0.012 min
Response: 1742470
Conc: 23.64 ug/ml



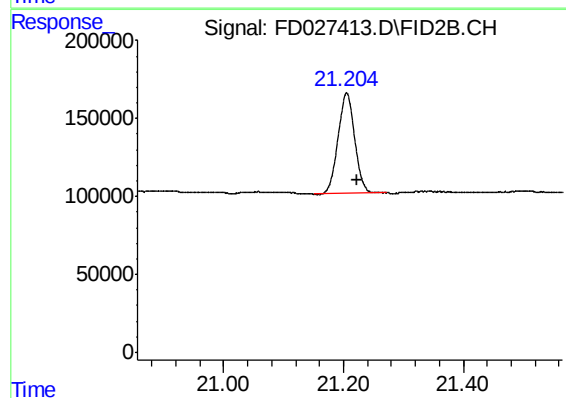
#20 n-Hexatriacontane (C36)

R.T.: 19.724 min
Delta R.T.: -0.013 min
Response: 1515281
Conc: 22.75 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 20.421 min
Delta R.T.: -0.014 min
Response: 1449872
Conc: 22.34 ug/ml m



#22 n-Tetracontane (C40)

R.T.: 21.205 min
Delta R.T.: -0.017 min
Response: 1251711
Conc: 19.94 ug/ml