

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD081919AL\
 Data File : FD030180.D
 Signal(s) : FID2B.CH
 Acq On : 19 Aug 2019 9:33
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Aug 20 02:09:20 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Alaphatic EPH 080819.M
 Quant Title : GC Extractables
 QLast Update : Thu Aug 08 17:24:17 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)	11.567	2569807	18.696 ug/ml
Spiked Amount 50.000		Recovery =	37.39%
12) S 1-chlorooctadecane (S...	12.993	2067795	18.130 ug/ml
Spiked Amount 50.000		Recovery =	36.26%
Target Compounds			
1) T n-Nonane (C9)	3.361	2507349	20.952 ug/ml
2) T n-Decane (C10)	4.424	2549791	20.966 ug/ml
3) T A~Naphthalene (C11.7)	6.006	2861201	20.783 ug/ml
4) T n-Dodecane (C12)	6.434	2556535	20.965 ug/ml
5) T A~2-methylnaphthalene...	7.059	2859115	20.673 ug/ml
6) T n-Tetradecane (C14)	8.221	2569173	20.829 ug/ml
7) T n-Hexadecane (C16)	9.815	2527010	20.238 ug/ml
8) T n-Octadecane (C18)	11.249	2476132	19.368 ug/ml
10) T n-Eicosane (C20)	12.550	2416542	18.613 ug/ml
11) T n-Heneicosane (C21)	13.158	2368022	18.233 ug/ml
13) T n-Docosane (C22)	13.740	2319302	17.762 ug/ml
14) T n-Tetracosane (C24)	14.835	2226063	16.961 ug/ml
15) T n-Hexacosane (C26)	15.849	2121095	16.445 ug/ml
16) T n-Octacosane (C28)	16.792	2063869	16.266 ug/ml
17) T n-Tricontane (C30)	17.672	1972603	16.278 ug/ml
18) T n-Dotriacontane (C32)	18.499	1906775	17.005 ug/ml
19) T n-Tetratriacontane (C34)	19.275	1771915	19.984 ug/ml
20) T n-Hexatriacontane (C36)	20.009	3249156	43.718 ug/ml
21) T n-Octatriacontane (C38)	20.725	2611696	39.236 ug/ml
22) T n-Tetracontane (C40)	21.601	1831647	25.931 ug/ml

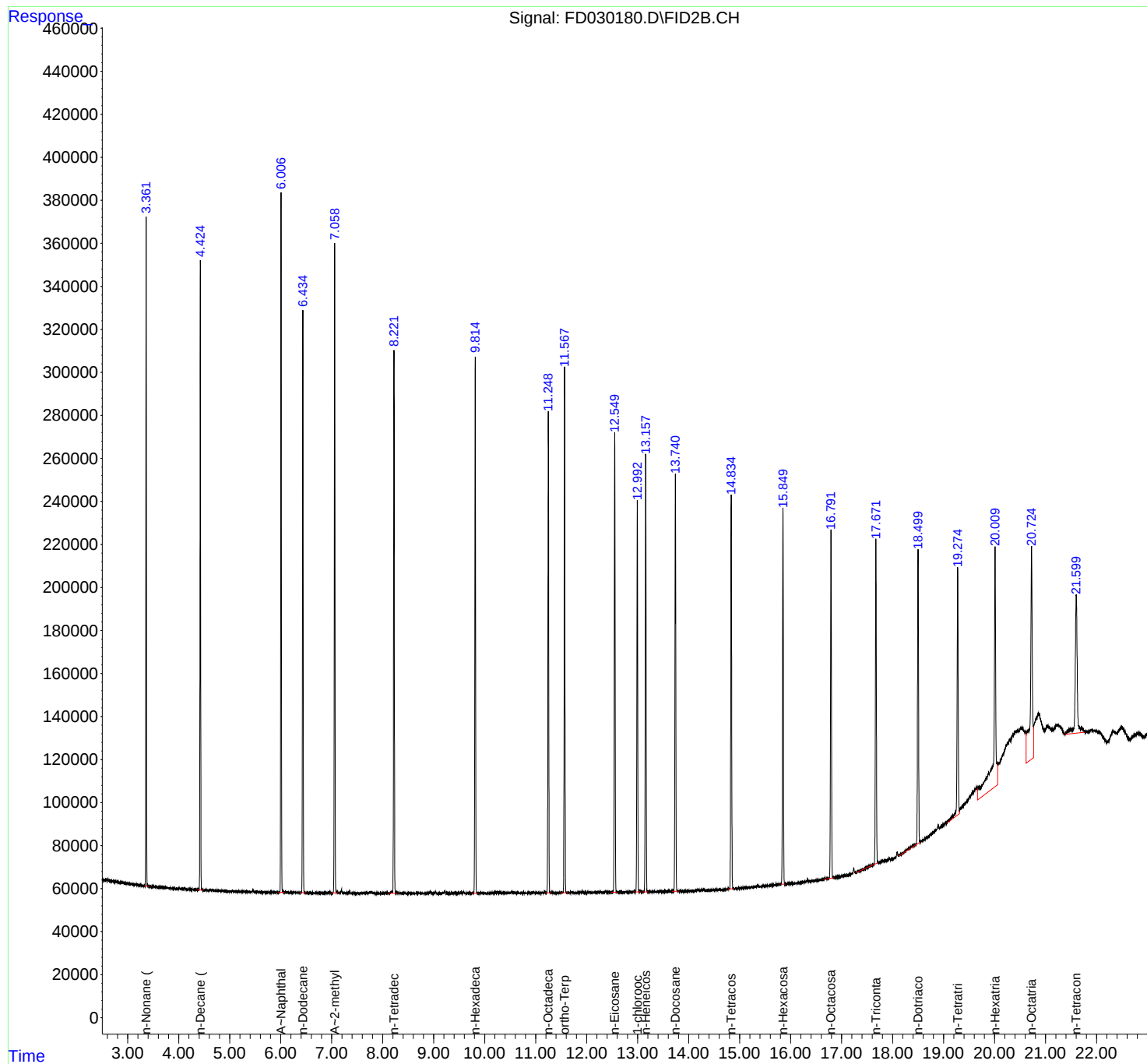
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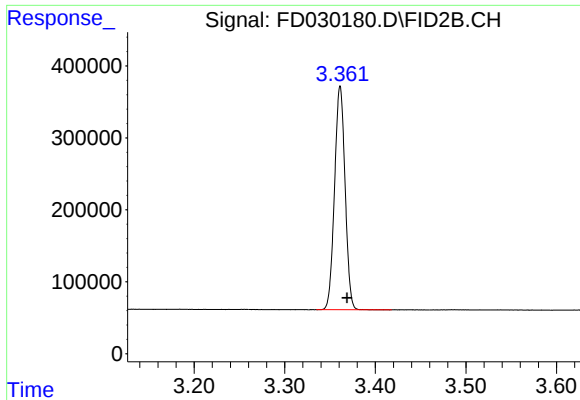
(m)=manual int.

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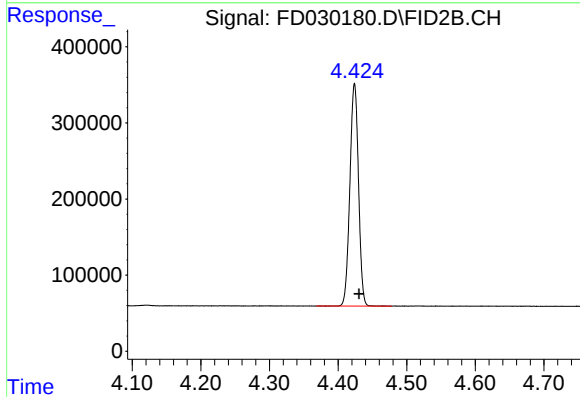
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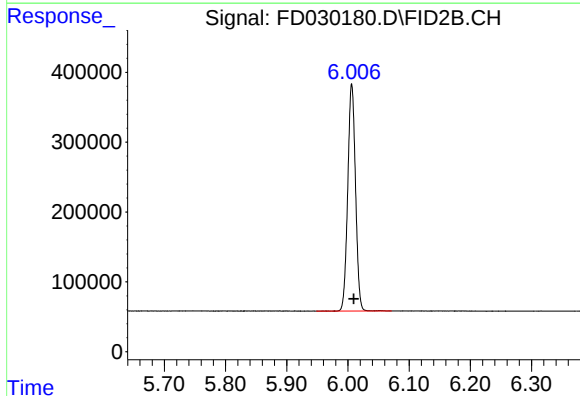
#1 n-Nonane (C9)

R.T.: 3.361 min
Delta R.T.: -0.008 min
Response: 2507349
Conc: 20.95 ug/ml



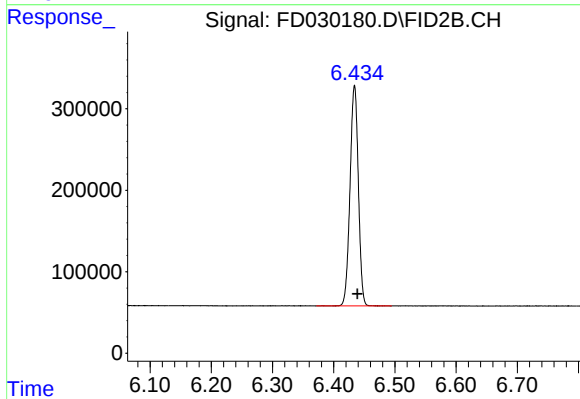
#2 n-Decane (C10)

R.T.: 4.424 min
Delta R.T.: -0.007 min
Response: 2549791
Conc: 20.97 ug/ml



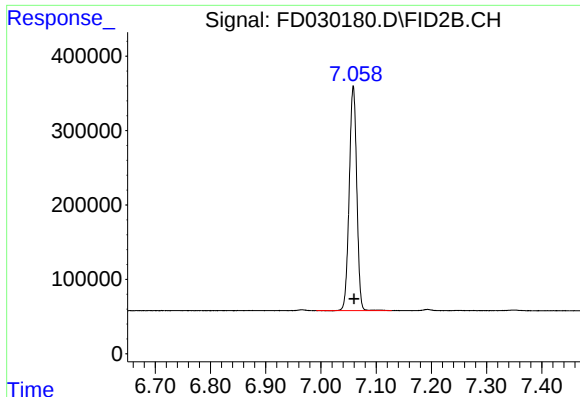
#3 A~Naphthalene (C11.7)

R.T.: 6.006 min
Delta R.T.: -0.003 min
Response: 2861201
Conc: 20.78 ug/ml



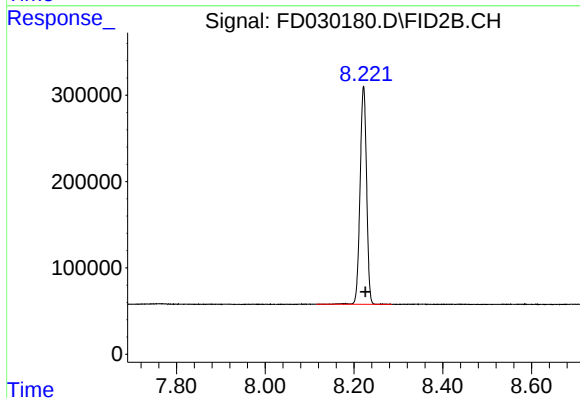
#4 n-Dodecane (C12)

R.T.: 6.434 min
Delta R.T.: -0.005 min
Response: 2556535
Conc: 20.97 ug/ml



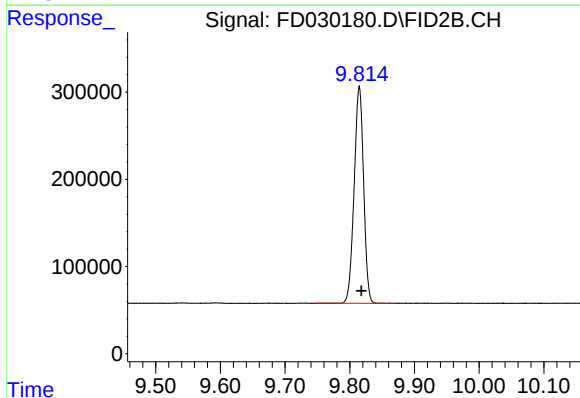
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.059 min
Delta R.T.: -0.002 min
Response: 2859115
Conc: 20.67 ug/ml



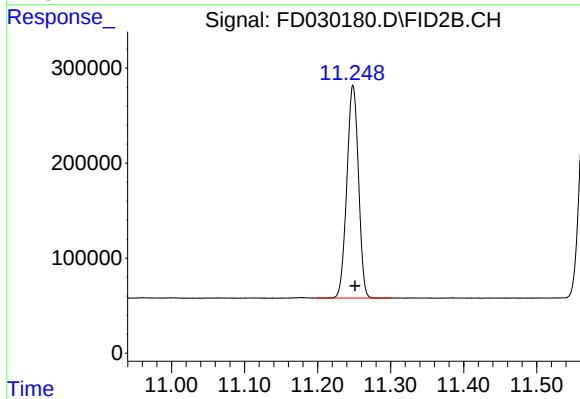
#6 n-Tetradecane (C14)

R.T.: 8.221 min
Delta R.T.: -0.004 min
Response: 2569173
Conc: 20.83 ug/ml



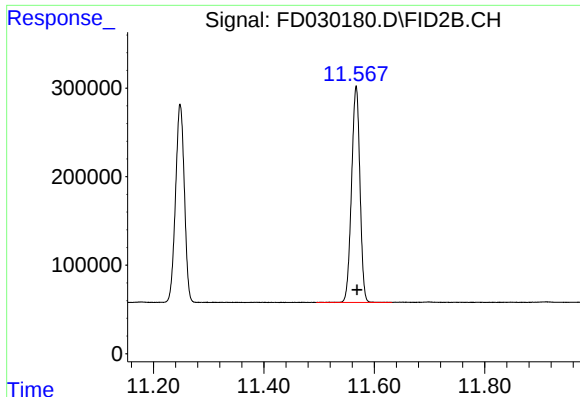
#7 n-Hexadecane (C16)

R.T.: 9.815 min
Delta R.T.: -0.003 min
Response: 2527010
Conc: 20.24 ug/ml



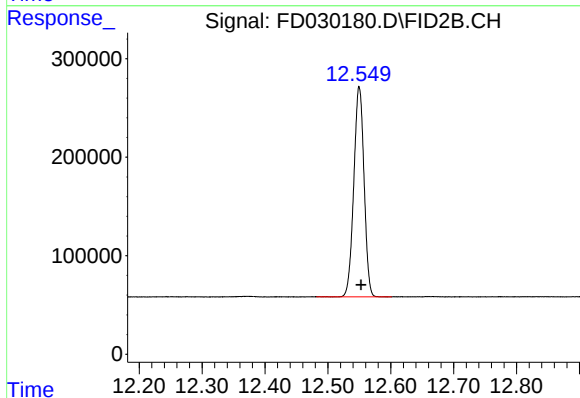
#8 n-Octadecane (C18)

R.T.: 11.249 min
Delta R.T.: -0.003 min
Response: 2476132
Conc: 19.37 ug/ml



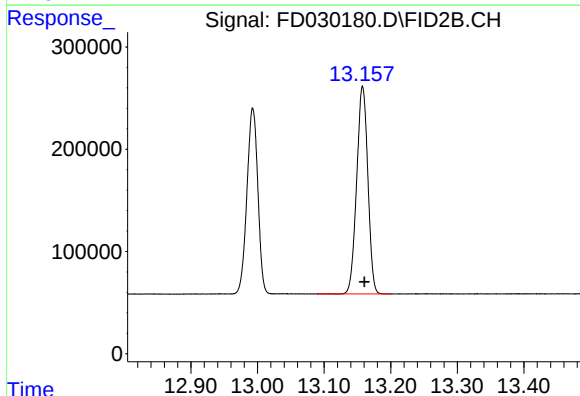
#9 ortho-Terphenyl (SURR)

R.T.: 11.567 min
Delta R.T.: -0.002 min
Response: 2569807
Conc: 18.70 ug/ml



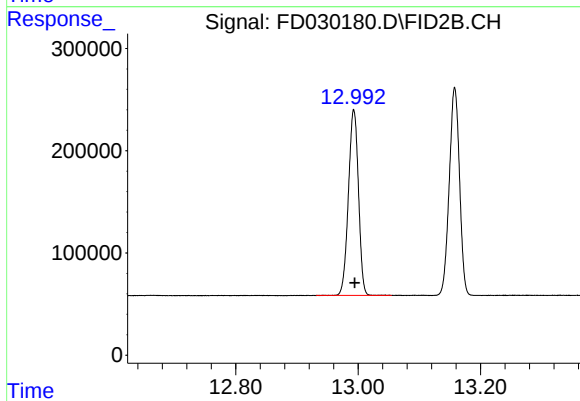
#10 n-Eicosane (C20)

R.T.: 12.550 min
Delta R.T.: -0.003 min
Response: 2416542
Conc: 18.61 ug/ml



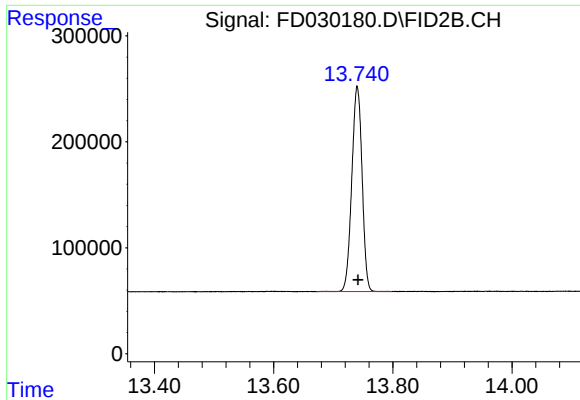
#11 n-Heneicosane (C21)

R.T.: 13.158 min
Delta R.T.: -0.003 min
Response: 2368022
Conc: 18.23 ug/ml



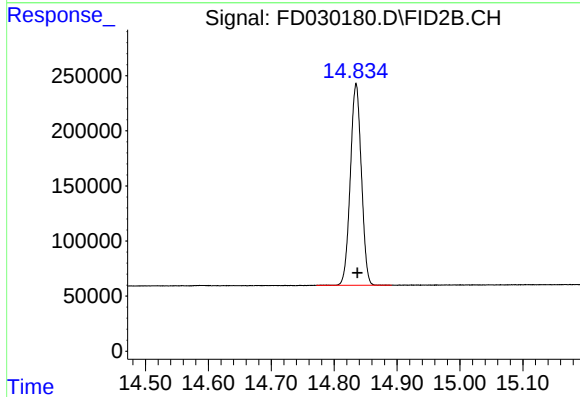
#12 1-chlorooctadecane (SURR)

R.T.: 12.993 min
Delta R.T.: -0.002 min
Response: 2067795
Conc: 18.13 ug/ml



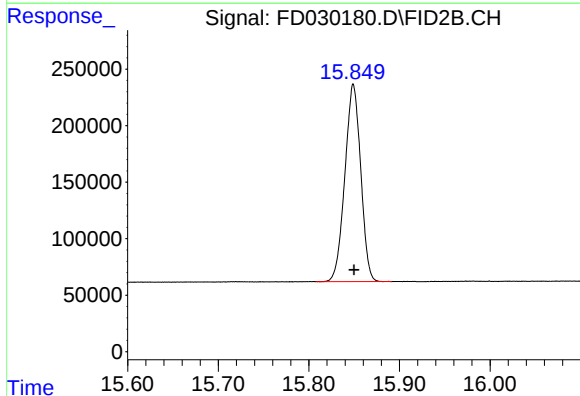
#13 n-Docosane (C22)

R.T.: 13.740 min
Delta R.T.: -0.002 min
Response: 2319302
Conc: 17.76 ug/ml



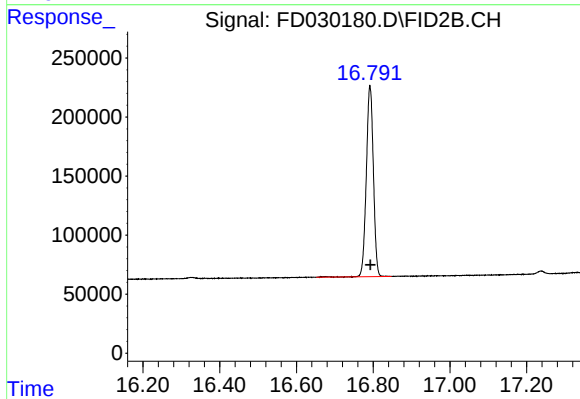
#14 n-Tetracosane (C24)

R.T.: 14.835 min
Delta R.T.: -0.002 min
Response: 2226063
Conc: 16.96 ug/ml



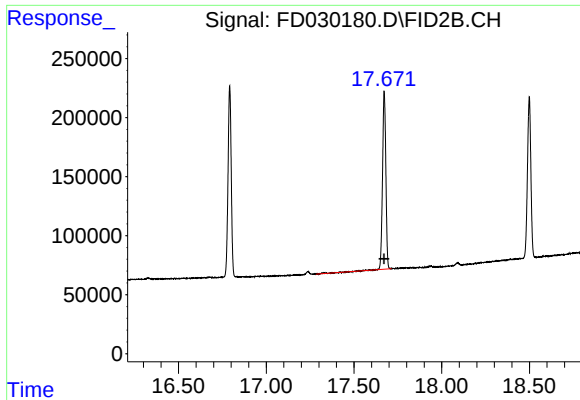
#15 n-Hexacosane (C26)

R.T.: 15.849 min
Delta R.T.: -0.001 min
Response: 2121095
Conc: 16.45 ug/ml



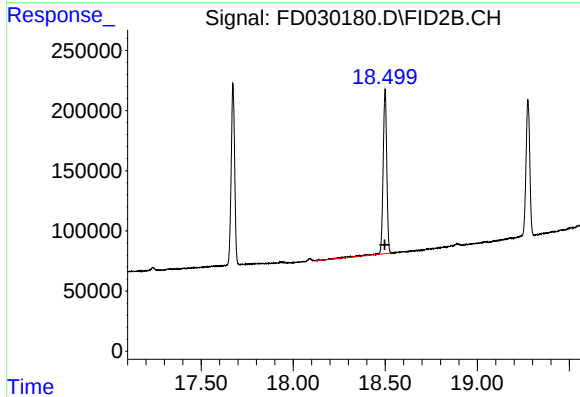
#16 n-Octacosane (C28)

R.T.: 16.792 min
Delta R.T.: 0.000 min
Response: 2063869
Conc: 16.27 ug/ml



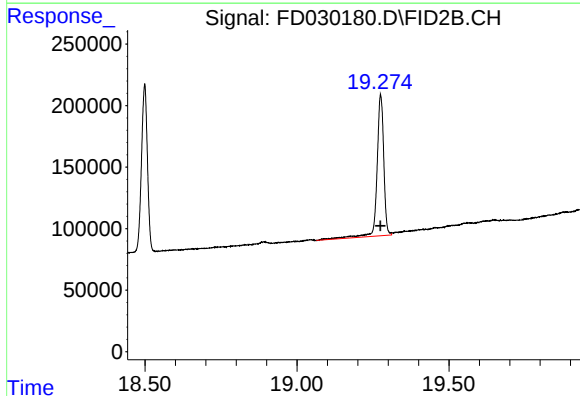
#17 n-Tricontane (C30)

R.T.: 17.672 min
Delta R.T.: 0.000 min
Response: 1972603
Conc: 16.28 ug/ml



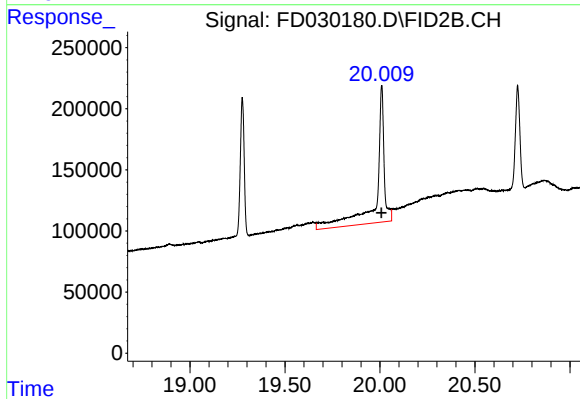
#18 n-Dotriacontane (C32)

R.T.: 18.499 min
Delta R.T.: 0.001 min
Response: 1906775
Conc: 17.01 ug/ml



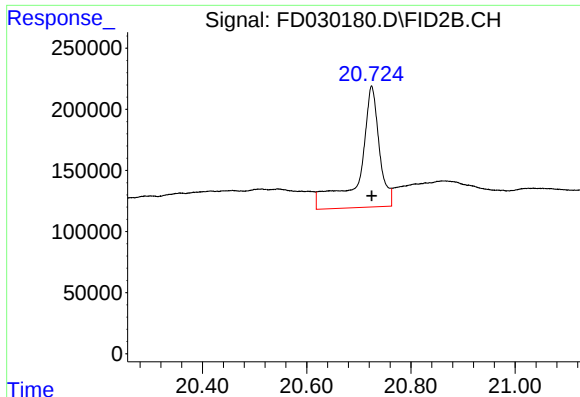
#19 n-Tetratriacontane (C34)

R.T.: 19.275 min
Delta R.T.: 0.000 min
Response: 1771915
Conc: 19.98 ug/ml



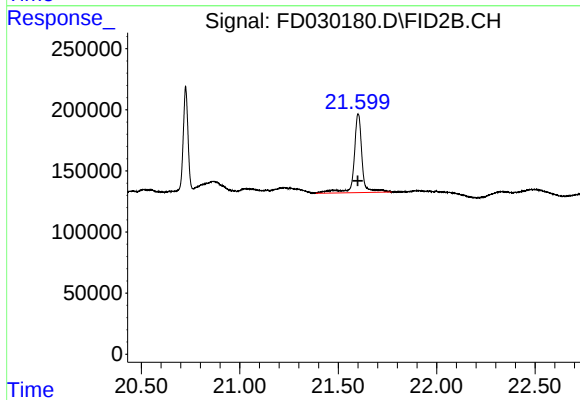
#20 n-Hexatriacontane (C36)

R.T.: 20.009 min
Delta R.T.: 0.002 min
Response: 3249156
Conc: 43.72 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.725 min
Delta R.T.: 0.000 min
Response: 2611696
Conc: 39.24 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.601 min
Delta R.T.: 0.002 min
Response: 1831647
Conc: 25.93 ug/ml