

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD081719AL\
 Data File : FD030142.D
 Signal(s) : FID2B.CH
 Acq On : 16 Aug 2019 8:41
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Aug 17 03:20:53 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)	11.558	2698179	19.630 ug/ml
Spiked Amount 50.000		Recovery =	39.26%
12) S 1-chlorooctadecane (S...	12.984	2199502	19.285 ug/ml
Spiked Amount 50.000		Recovery =	38.57%
Target Compounds			
1) T n-Nonane (C9)	3.359	2518823	21.048 ug/ml
2) T n-Decane (C10)	4.421	2578895	21.206 ug/ml
3) T A~Naphthalene (C11.7)	6.000	2906155	21.109 ug/ml
4) T n-Dodecane (C12)	6.430	2583008	21.183 ug/ml
5) T A~2-methylnaphthalene...	7.051	2912893	21.062 ug/ml
6) T n-Tetradecane (C14)	8.216	2616860	21.216 ug/ml
7) T n-Hexadecane (C16)	9.808	2601722	20.836 ug/ml
8) T n-Octadecane (C18)	11.241	2600411	20.340 ug/ml
10) T n-Eicosane (C20)	12.542	2567598	19.776 ug/ml
11) T n-Heneicosane (C21)	13.150	2513027	19.350 ug/ml
13) T n-Docosane (C22)	13.732	2518703	19.290 ug/ml
14) T n-Tetracosane (C24)	14.827	2506934	19.101 ug/ml
15) T n-Hexacosane (C26)	15.840	2592293	20.099 ug/ml
16) T n-Octacosane (C28)	16.783	2691750	21.215 ug/ml
17) T n-Tricontane (C30)	17.663	2635672	21.749 ug/ml
18) T n-Dotriacontane (C32)	18.487	2361570	21.061 ug/ml
19) T n-Tetratriacontane (C34)	19.264	1871676	21.110 ug/ml
20) T n-Hexatriacontane (C36)	19.997	1591118	21.409 ug/ml
21) T n-Octatriacontane (C38)	20.711	1475103	22.161 ug/ml
22) T n-Tetracontane (C40)	21.581	1470554	20.819 ug/ml

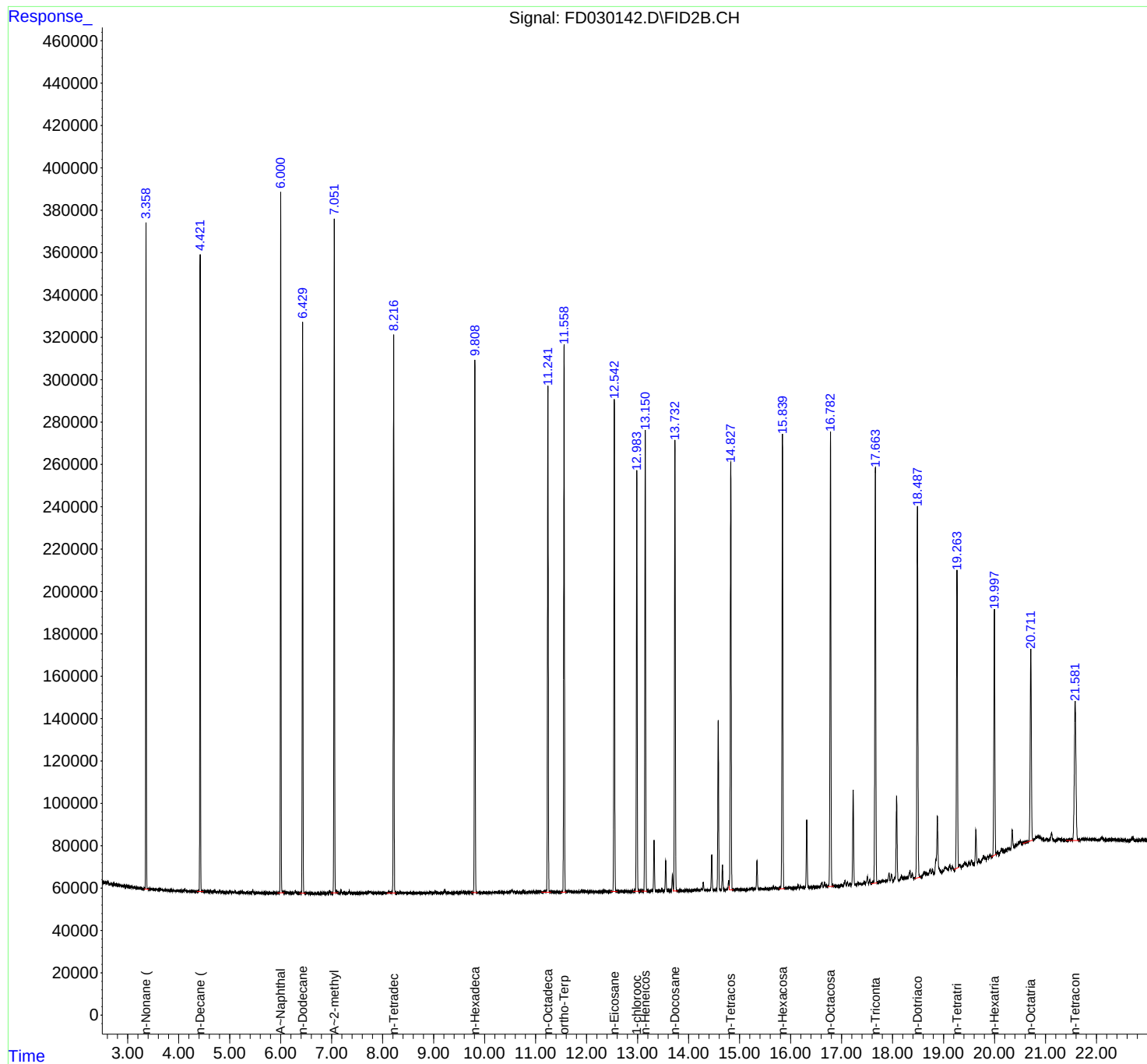
(f)=RT Delta > 1/2 Window

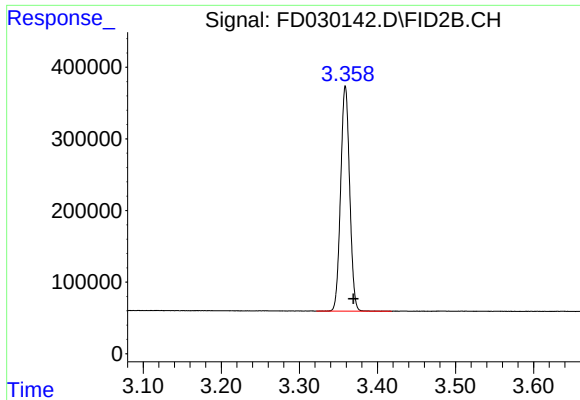
(m)=manual int.

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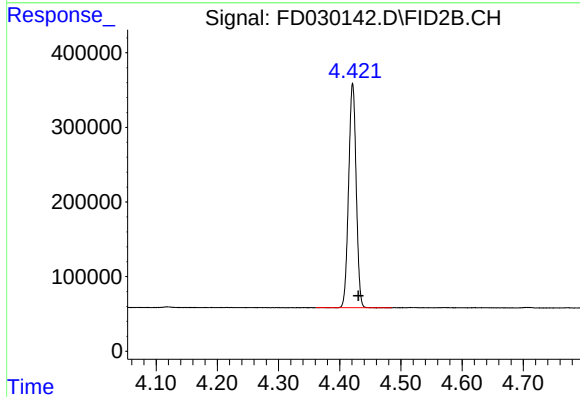
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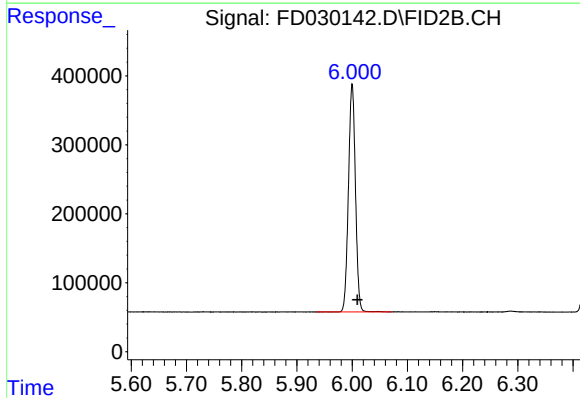
#1 n-Nonane (C9)

R.T.: 3.359 min
Delta R.T.: -0.010 min
Response: 2518823
Conc: 21.05 ug/ml



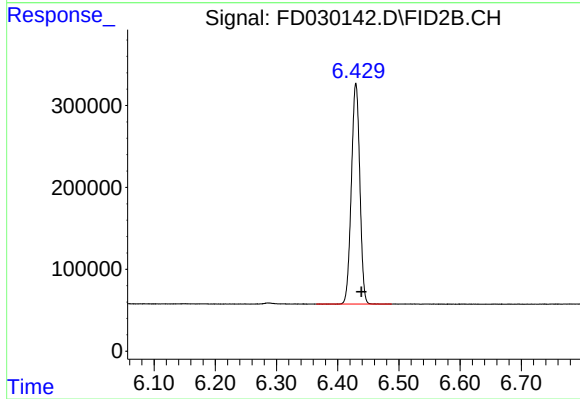
#2 n-Decane (C10)

R.T.: 4.421 min
Delta R.T.: -0.010 min
Response: 2578895
Conc: 21.21 ug/ml



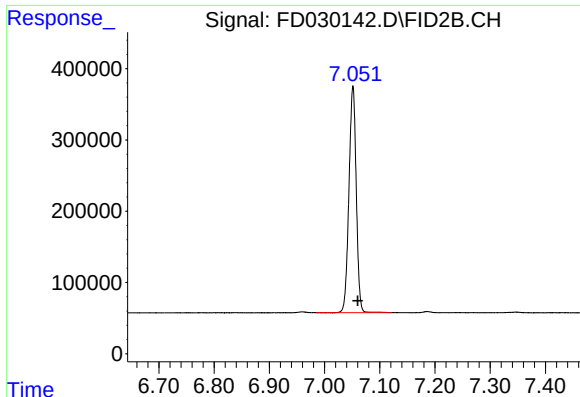
#3 A~Naphthalene (C11.7)

R.T.: 6.000 min
Delta R.T.: -0.009 min
Response: 2906155
Conc: 21.11 ug/ml



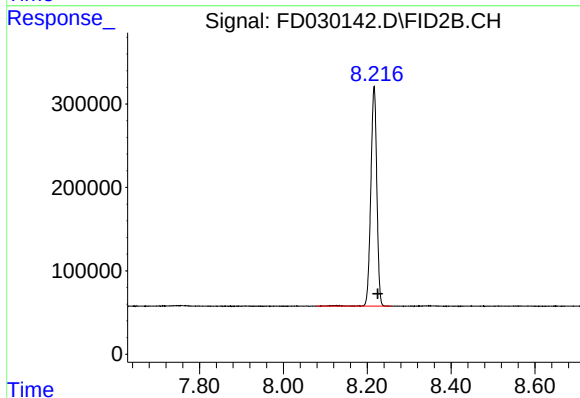
#4 n-Dodecane (C12)

R.T.: 6.430 min
Delta R.T.: -0.009 min
Response: 2583008
Conc: 21.18 ug/ml



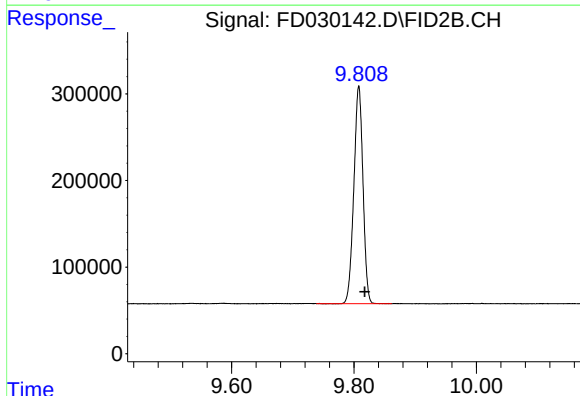
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.051 min
Delta R.T.: -0.009 min
Response: 2912893
Conc: 21.06 ug/ml



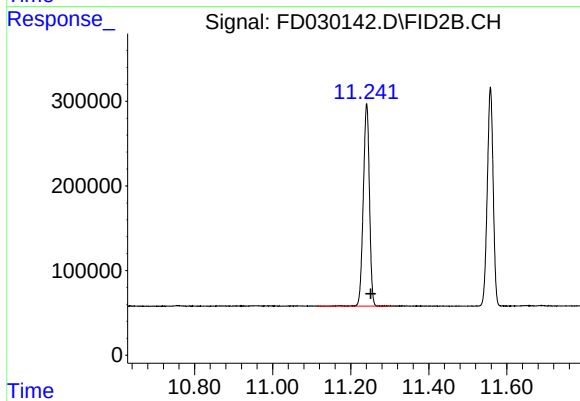
#6 n-Tetradecane (C14)

R.T.: 8.216 min
Delta R.T.: -0.009 min
Response: 2616860
Conc: 21.22 ug/ml



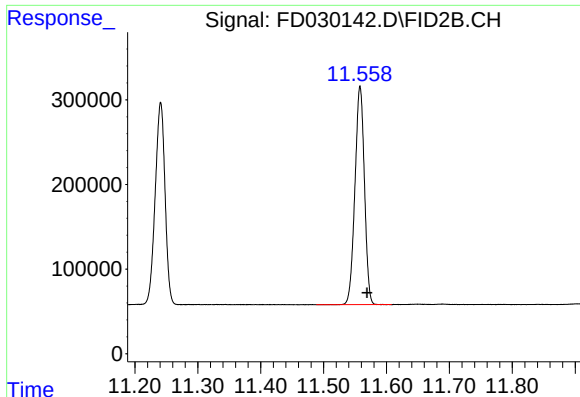
#7 n-Hexadecane (C16)

R.T.: 9.808 min
Delta R.T.: -0.010 min
Response: 2601722
Conc: 20.84 ug/ml



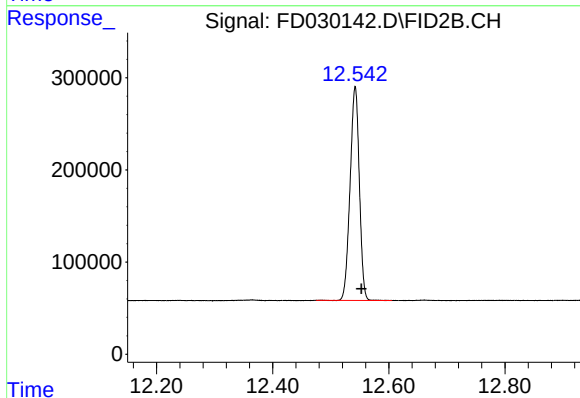
#8 n-Octadecane (C18)

R.T.: 11.241 min
Delta R.T.: -0.011 min
Response: 2600411
Conc: 20.34 ug/ml



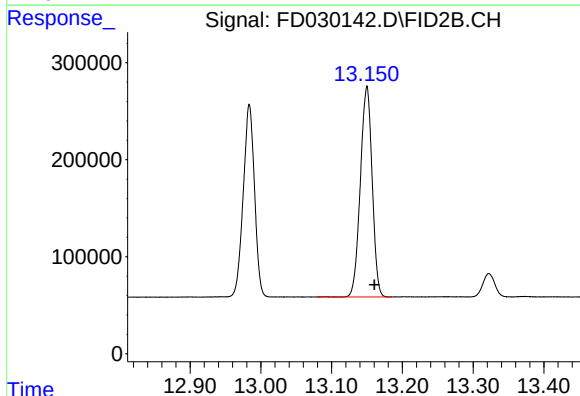
#9 ortho-Terphenyl (SURR)

R.T.: 11.558 min
Delta R.T.: -0.011 min
Response: 2698179
Conc: 19.63 ug/ml



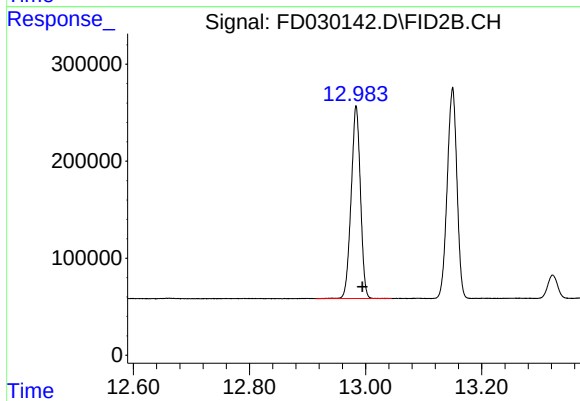
#10 n-Eicosane (C20)

R.T.: 12.542 min
Delta R.T.: -0.011 min
Response: 2567598
Conc: 19.78 ug/ml



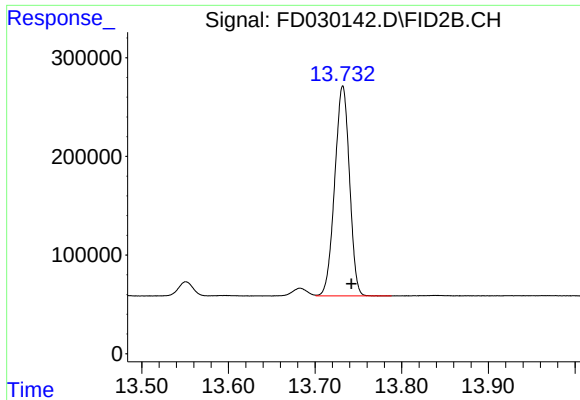
#11 n-Heneicosane (C21)

R.T.: 13.150 min
Delta R.T.: -0.011 min
Response: 2513027
Conc: 19.35 ug/ml



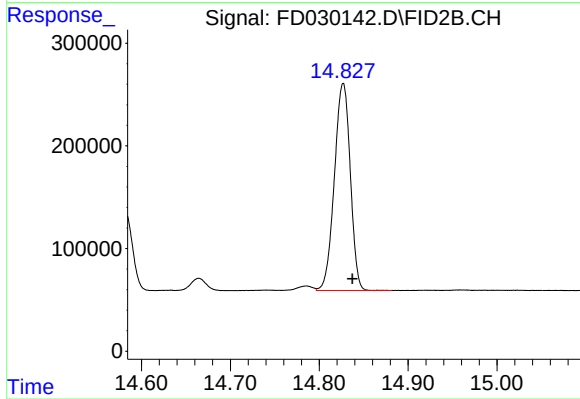
#12 1-chlorooctadecane (SURR)

R.T.: 12.984 min
Delta R.T.: -0.011 min
Response: 2199502
Conc: 19.28 ug/ml



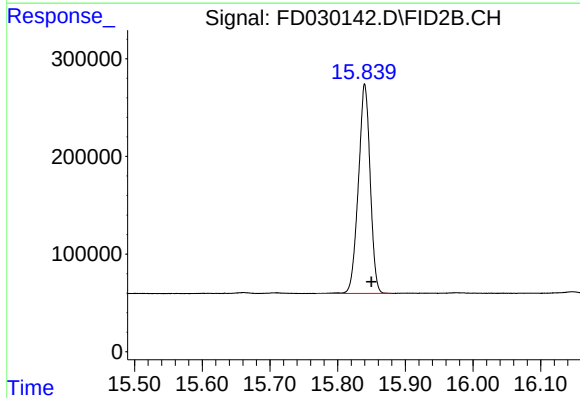
#13 n-Docosane (C22)

R.T.: 13.732 min
Delta R.T.: -0.010 min
Response: 2518703
Conc: 19.29 ug/ml



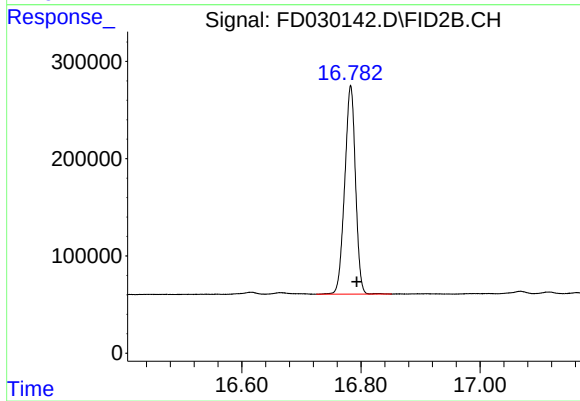
#14 n-Tetracosane (C24)

R.T.: 14.827 min
Delta R.T.: -0.010 min
Response: 2506934
Conc: 19.10 ug/ml



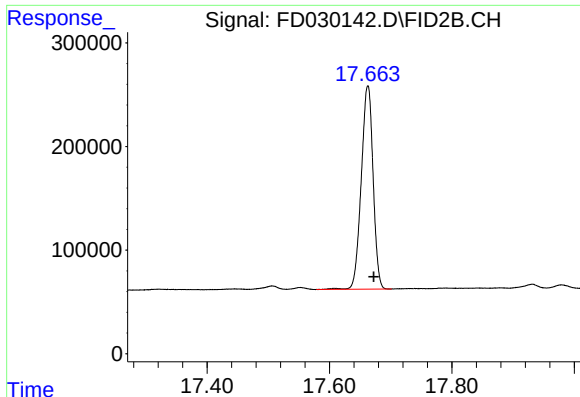
#15 n-Hexacosane (C26)

R.T.: 15.840 min
Delta R.T.: -0.010 min
Response: 2592293
Conc: 20.10 ug/ml



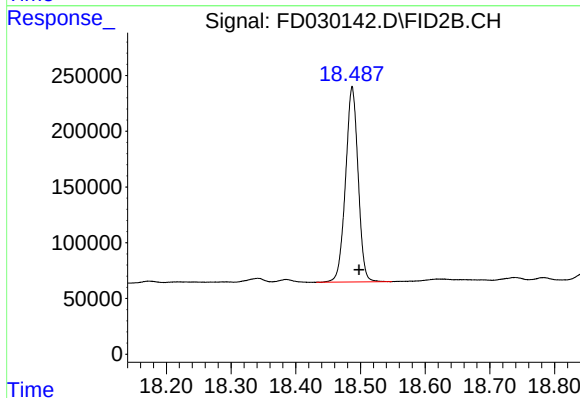
#16 n-Octacosane (C28)

R.T.: 16.783 min
Delta R.T.: -0.010 min
Response: 2691750
Conc: 21.21 ug/ml



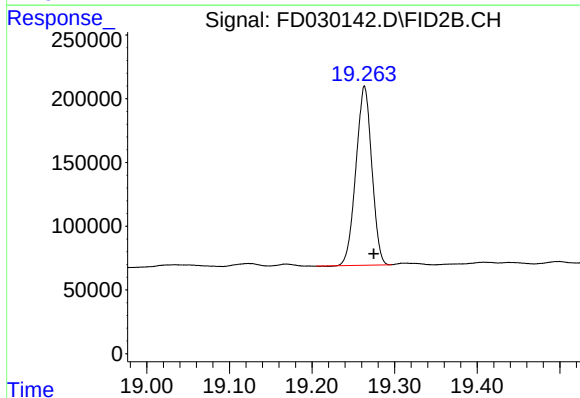
#17 n-Tricontane (C30)

R.T.: 17.663 min
Delta R.T.: -0.010 min
Response: 2635672
Conc: 21.75 ug/ml



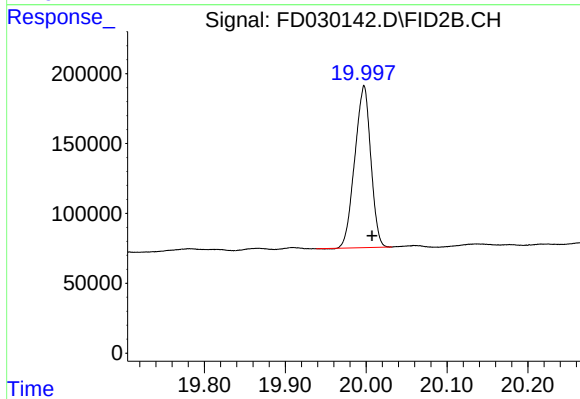
#18 n-Dotriacontane (C32)

R.T.: 18.487 min
Delta R.T.: -0.011 min
Response: 2361570
Conc: 21.06 ug/ml



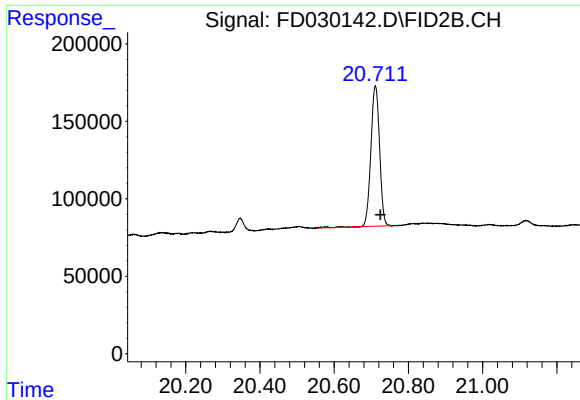
#19 n-Tetratriacontane (C34)

R.T.: 19.264 min
Delta R.T.: -0.011 min
Response: 1871676
Conc: 21.11 ug/ml



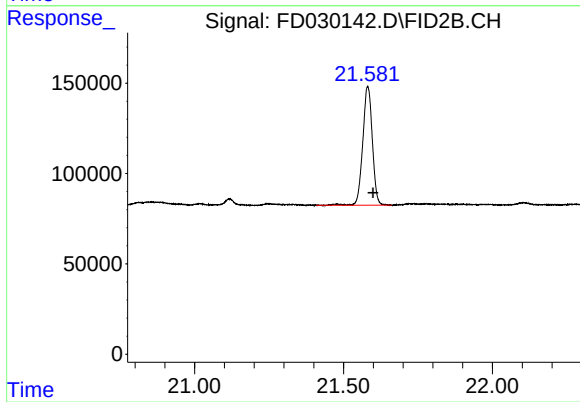
#20 n-Hexatriacontane (C36)

R.T.: 19.997 min
Delta R.T.: -0.010 min
Response: 1591118
Conc: 21.41 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.711 min
Delta R.T.: -0.014 min
Response: 1475103
Conc: 22.16 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.581 min
Delta R.T.: -0.018 min
Response: 1470554
Conc: 20.82 ug/ml