

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD010820AL\
 Data File : FD031963.D
 Signal(s) : FID2B.CH
 Acq On : 08 Jan 2020 10:25
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Jan 09 02:50:22 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Alaphatic EPH 010620.M
 Quant Title : GC Extractables
 QLast Update : Tue Jan 07 01:05:13 2020
 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)	11.533	2932581	21.228 ug/ml
Spiked Amount	50.000	Recovery	= 42.46%
12) S 1-chlorooctadecane (S...	12.962	2283167	20.960 ug/ml
Spiked Amount	50.000	Recovery	= 41.92%
Target Compounds			
1) T n-Nonane (C9)	3.337	2509427	21.350 ug/ml
2) T n-Decane (C10)	4.399	2522814	21.415 ug/ml
3) T A~Naphthalene (C11.7)	5.975	2846116	21.513 ug/ml
4) T n-Dodecane (C12)	6.407	2564737	21.550 ug/ml
5) T A~2-methylnaphthalene...	7.026	2882718	21.506 ug/ml
6) T n-Tetradecane (C14)	8.193	2610565	21.509 ug/ml
7) T n-Hexadecane (C16)	9.785	2658083	21.446 ug/ml
8) T n-Octadecane (C18)	11.218	2685125	21.263 ug/ml
10) T n-Eicosane (C20)	12.520	2696398	21.131 ug/ml
11) T n-Heneicosane (C21)	13.129	2701477	20.972 ug/ml
13) T n-Docosane (C22)	13.711	2712200	21.083 ug/ml
14) T n-Tetracosane (C24)	14.808	2733913	21.053 ug/ml
15) T n-Hexacosane (C26)	15.823	2743087	21.282 ug/ml
16) T n-Octacosane (C28)	16.767	2704535	21.218 ug/ml
17) T n-Tricontane (C30)	17.650	2584200	21.080 ug/ml
18) T n-Dotriacontane (C32)	18.477	2170781	20.736 ug/ml
19) T n-Tetratriacontane (C34)	19.256	1790913	20.251 ug/ml
20) T n-Hexatriacontane (C36)	19.991	1534989	19.477 ug/ml
21) T n-Octatriacontane (C38)	20.706	1496141	20.290 ug/ml
22) T n-Tetracontane (C40)	21.571	1483951	19.606 ug/ml

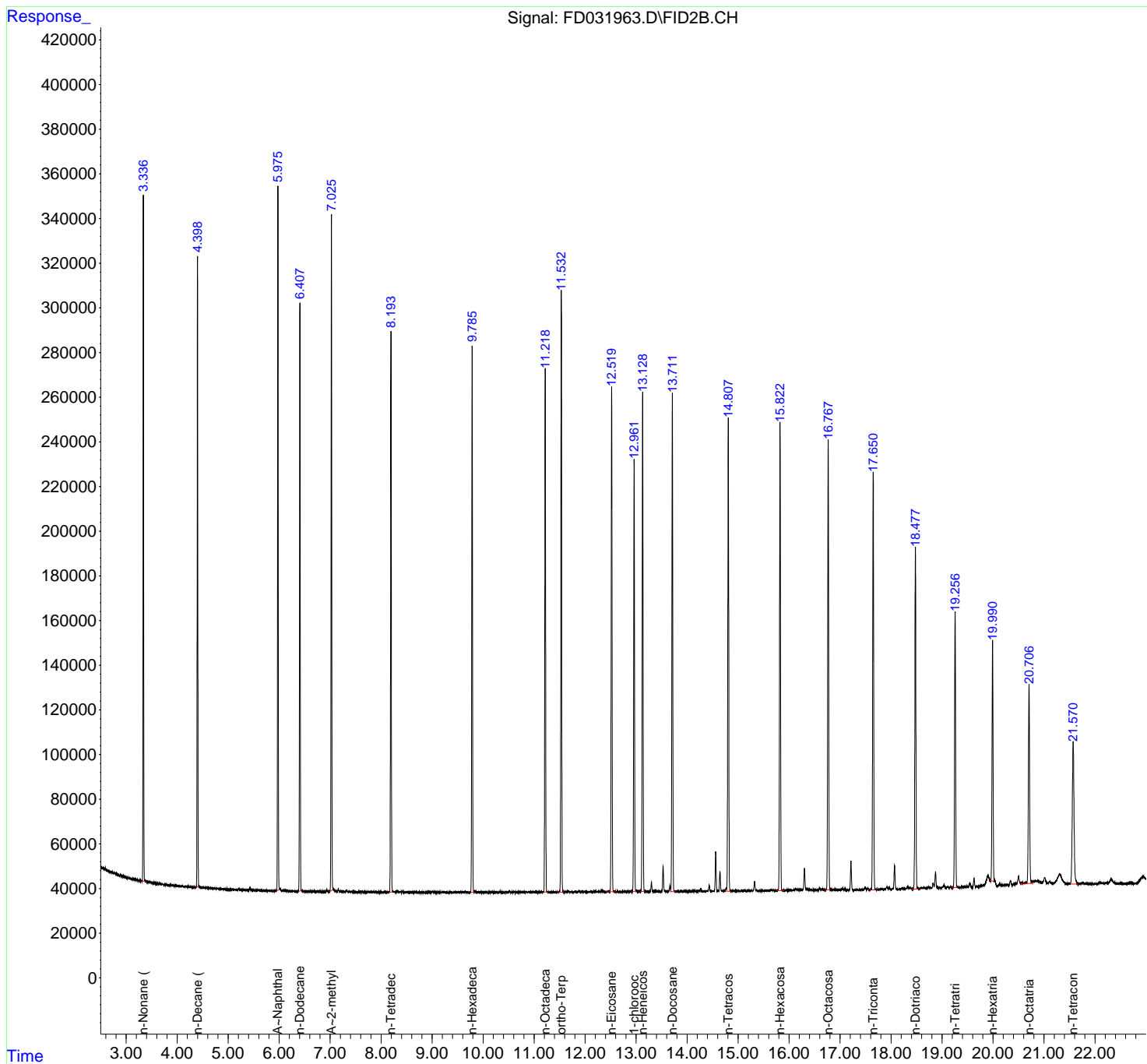
(f)=RT Delta > 1/2 Window

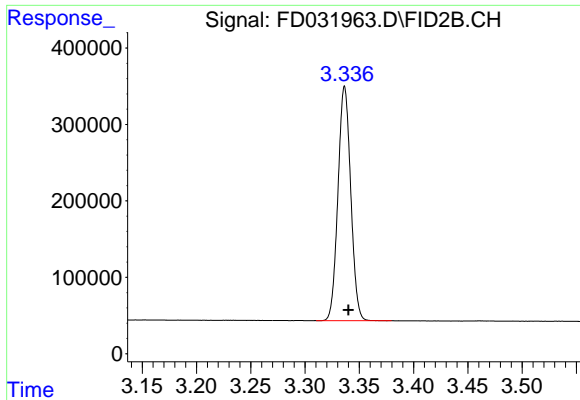
(m)=manual int.

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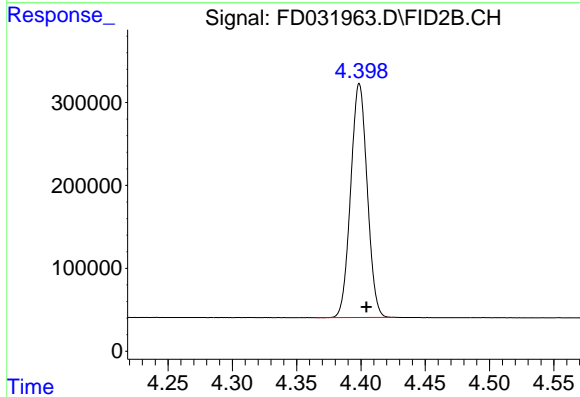
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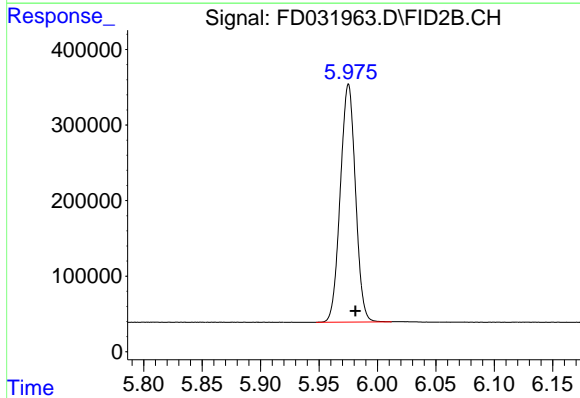




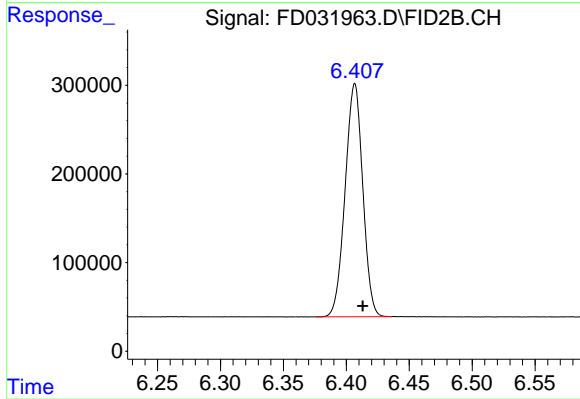
#1 n-Nonane (C9)
R.T.: 3.337 min
Delta R.T.: -0.003 min
Response: 2509427
Conc: 21.35 ug/ml



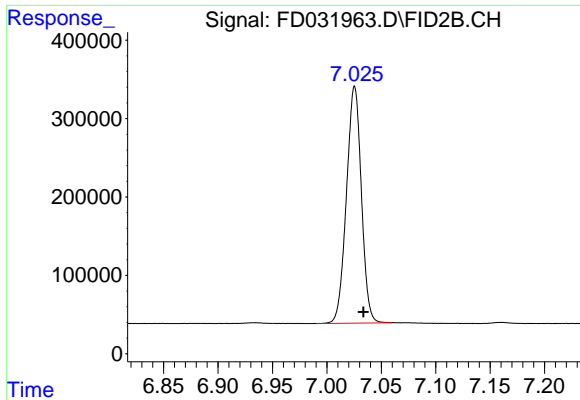
#2 n-Decane (C10)
R.T.: 4.399 min
Delta R.T.: -0.005 min
Response: 2522814
Conc: 21.41 ug/ml



#3 A~Naphthalene (C11.7)
R.T.: 5.975 min
Delta R.T.: -0.006 min
Response: 2846116
Conc: 21.51 ug/ml

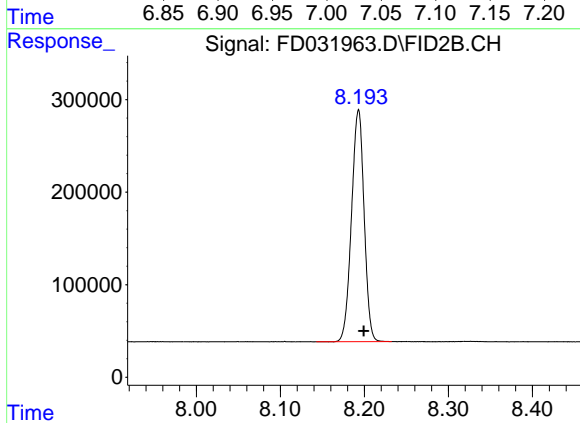


#4 n-Dodecane (C12)
R.T.: 6.407 min
Delta R.T.: -0.006 min
Response: 2564737
Conc: 21.55 ug/ml



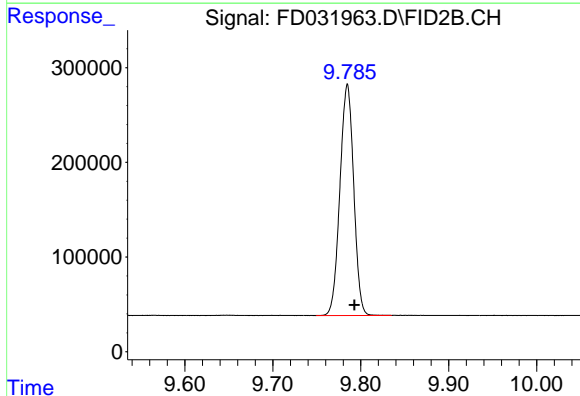
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.026 min
Delta R.T.: -0.008 min
Response: 2882718
Conc: 21.51 ug/ml



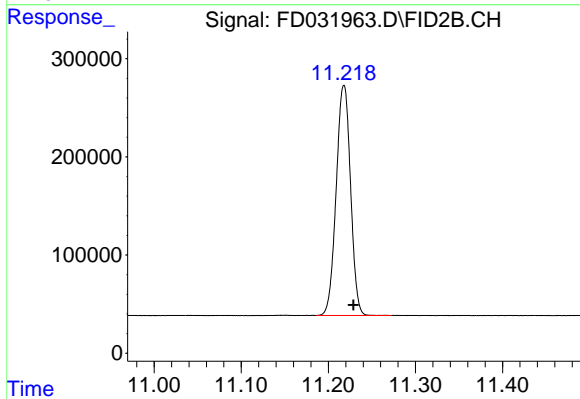
#6 n-Tetradecane (C14)

R.T.: 8.193 min
Delta R.T.: -0.006 min
Response: 2610565
Conc: 21.51 ug/ml



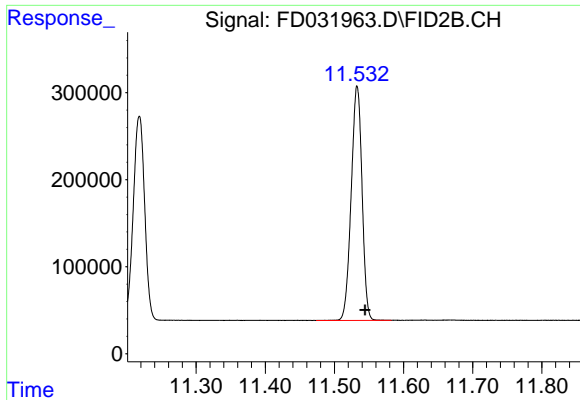
#7 n-Hexadecane (C16)

R.T.: 9.785 min
Delta R.T.: -0.008 min
Response: 2658083
Conc: 21.45 ug/ml



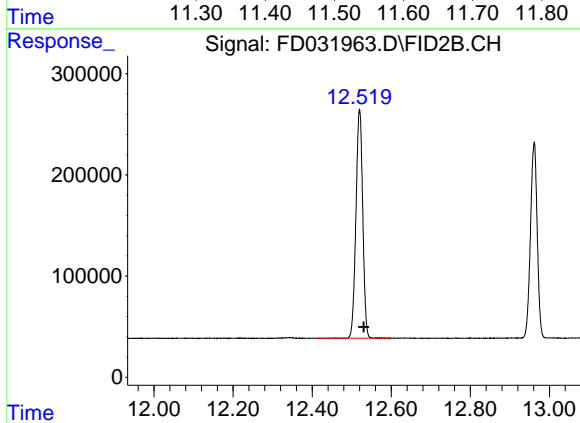
#8 n-Octadecane (C18)

R.T.: 11.218 min
Delta R.T.: -0.011 min
Response: 2685125
Conc: 21.26 ug/ml



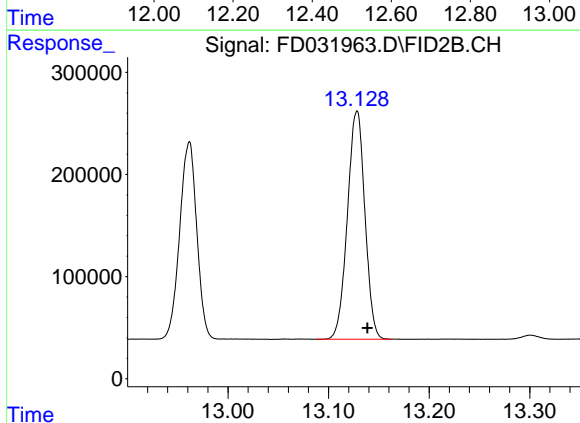
#9 ortho-Terphenyl (SURR)

R.T.: 11.533 min
Delta R.T.: -0.011 min
Response: 2932581
Conc: 21.23 ug/ml



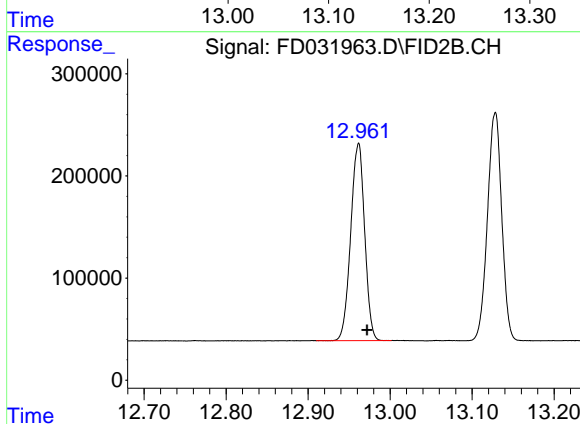
#10 n-Eicosane (C20)

R.T.: 12.520 min
Delta R.T.: -0.010 min
Response: 2696398
Conc: 21.13 ug/ml



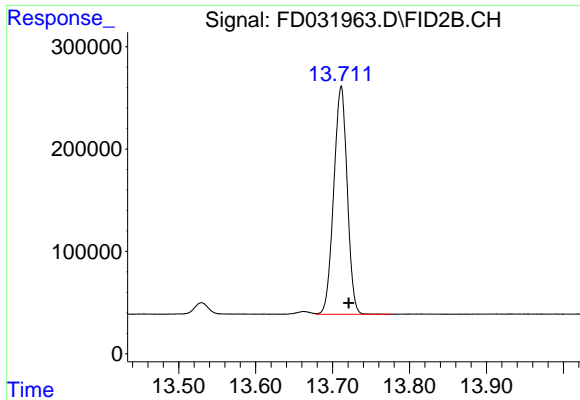
#11 n-Heneicosane (C21)

R.T.: 13.129 min
Delta R.T.: -0.010 min
Response: 2701477
Conc: 20.97 ug/ml

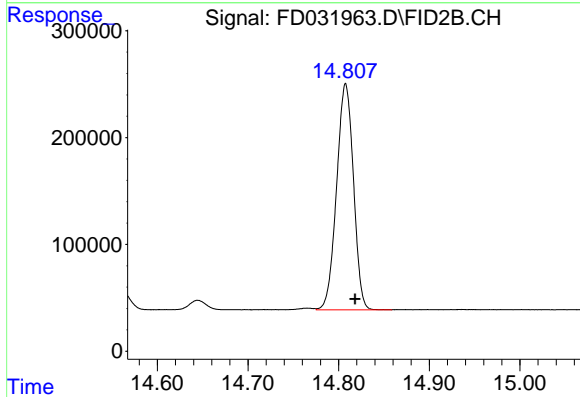


#12 1-chlorooctadecane (SURR)

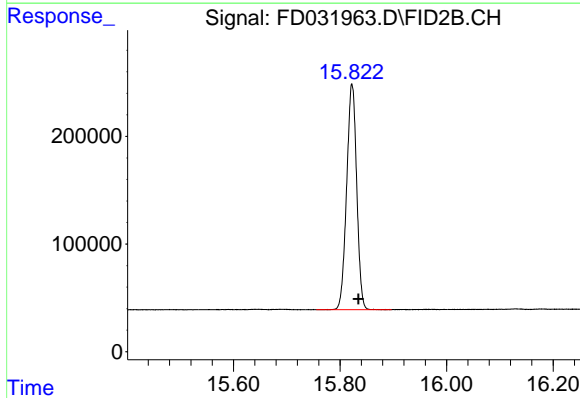
R.T.: 12.962 min
Delta R.T.: -0.010 min
Response: 2283167
Conc: 20.96 ug/ml



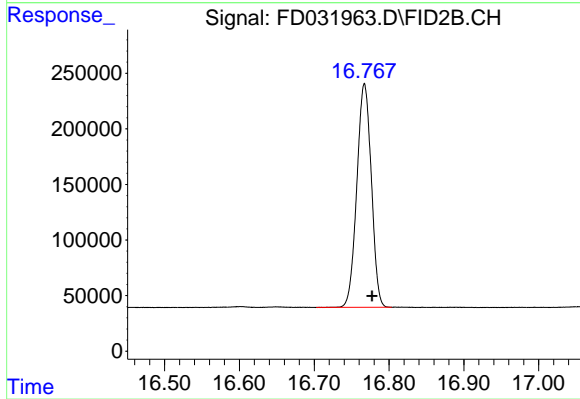
#13 n-Docosane (C22)
R.T.: 13.711 min
Delta R.T.: -0.010 min
Response: 2712200
Conc: 21.08 ug/ml



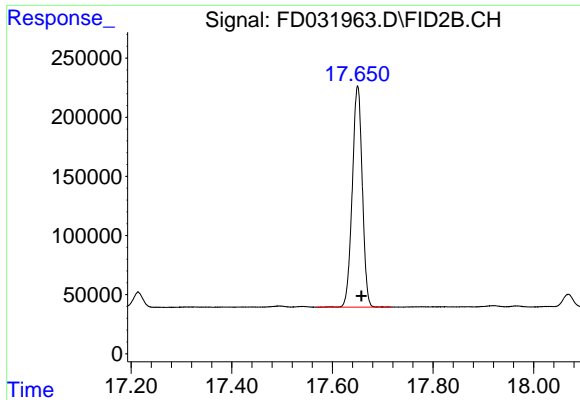
#14 n-Tetracosane (C24)
R.T.: 14.808 min
Delta R.T.: -0.010 min
Response: 2733913
Conc: 21.05 ug/ml



#15 n-Hexacosane (C26)
R.T.: 15.823 min
Delta R.T.: -0.012 min
Response: 2743087
Conc: 21.28 ug/ml

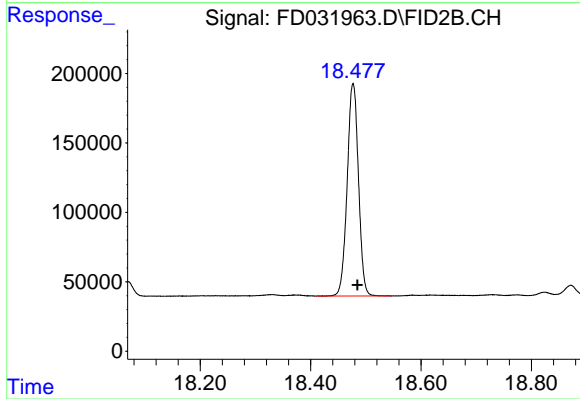


#16 n-Octacosane (C28)
R.T.: 16.767 min
Delta R.T.: -0.010 min
Response: 2704535
Conc: 21.22 ug/ml



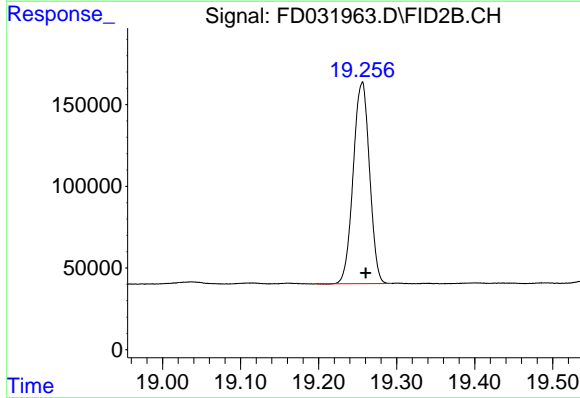
#17 n-Tricontane (C30)

R.T.: 17.650 min
Delta R.T.: -0.008 min
Response: 2584200
Conc: 21.08 ug/ml



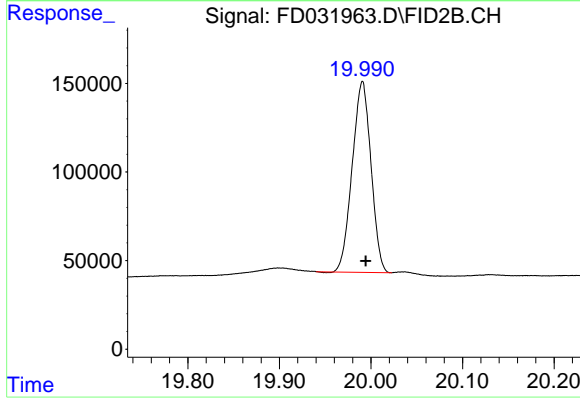
#18 n-Dotriacontane (C32)

R.T.: 18.477 min
Delta R.T.: -0.007 min
Response: 2170781
Conc: 20.74 ug/ml



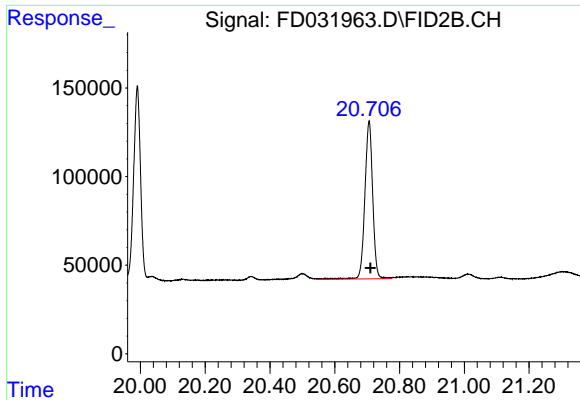
#19 n-Tetratriacontane (C34)

R.T.: 19.256 min
Delta R.T.: -0.005 min
Response: 1790913
Conc: 20.25 ug/ml



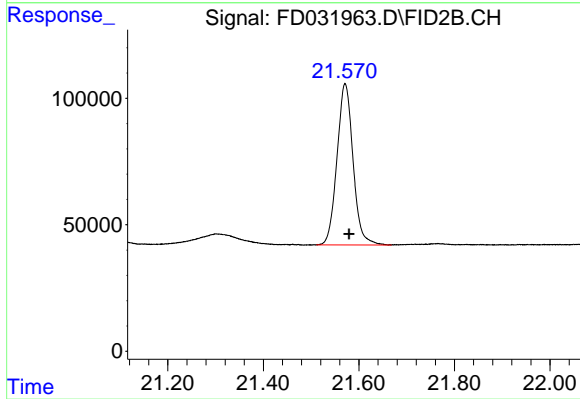
#20 n-Hexatriacontane (C36)

R.T.: 19.991 min
Delta R.T.: -0.004 min
Response: 1534989
Conc: 19.48 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.706 min
Delta R.T.: -0.005 min
Response: 1496141
Conc: 20.29 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.571 min
Delta R.T.: -0.008 min
Response: 1483951
Conc: 19.61 ug/ml