

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD012521AL\
 Data File : FD036181.D
 Signal(s) : FID2B.CH
 Acq On : 26 Jan 2021 2:01
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Jan 26 03:59:42 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Alaphatic EPH 011121.M
 Quant Title : GC Extractables
 QLast Update : Tue Jan 12 02:11:59 2021
 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)	11.524	2748669	18.543 ug/ml
Spiked Amount 50.000		Recovery =	37.09%
12) S 1-chlorooctadecane (S...	12.956	2134855	18.149 ug/ml
Spiked Amount 50.000		Recovery =	36.30%
Target Compounds			
1) T n-Nonane (C9)	3.314	2732140	21.193 ug/ml
2) T n-Decane (C10)	4.377	2766225	21.259 ug/ml
3) T A-Naphthalene (C11.7)	5.957	3063496	20.918 ug/ml
4) T n-Dodecane (C12)	6.390	2807191	21.110 ug/ml
5) T A~2-methylnaphthalene...	7.010	3097698	20.625 ug/ml
6) T n-Tetradecane (C14)	8.179	2773397	20.754 ug/ml
7) T n-Hexadecane (C16)	9.774	2659998	20.099 ug/ml
8) T n-Octadecane (C18)	11.210	2676329	19.451 ug/ml
10) T n-Eicosane (C20)	12.514	2589549	18.742 ug/ml
11) T n-Heneicosane (C21)	13.124	2522249	18.252 ug/ml
13) T n-Docosane (C22)	13.707	2491170	18.145 ug/ml
14) T n-Tetracosane (C24)	14.804	2436479	17.923 ug/ml
15) T n-Hexacosane (C26)	15.820	2313753	17.429 ug/ml
16) T n-Octacosane (C28)	16.765	2247789	17.373 ug/ml
17) T n-Tricontane (C30)	17.648	2200010	17.843 ug/ml
18) T n-Dotriacontane (C32)	18.476	2059547	18.686 ug/ml
19) T n-Tetratriacontane (C34)	19.254	1929826	19.467 ug/ml
20) T n-Hexatriacontane (C36)	19.990	1826090	20.303 ug/ml
21) T n-Octatriacontane (C38)	20.704	1795873	21.616 ug/ml
22) T n-Tetracontane (C40)	21.567	1919010	22.816 ug/ml

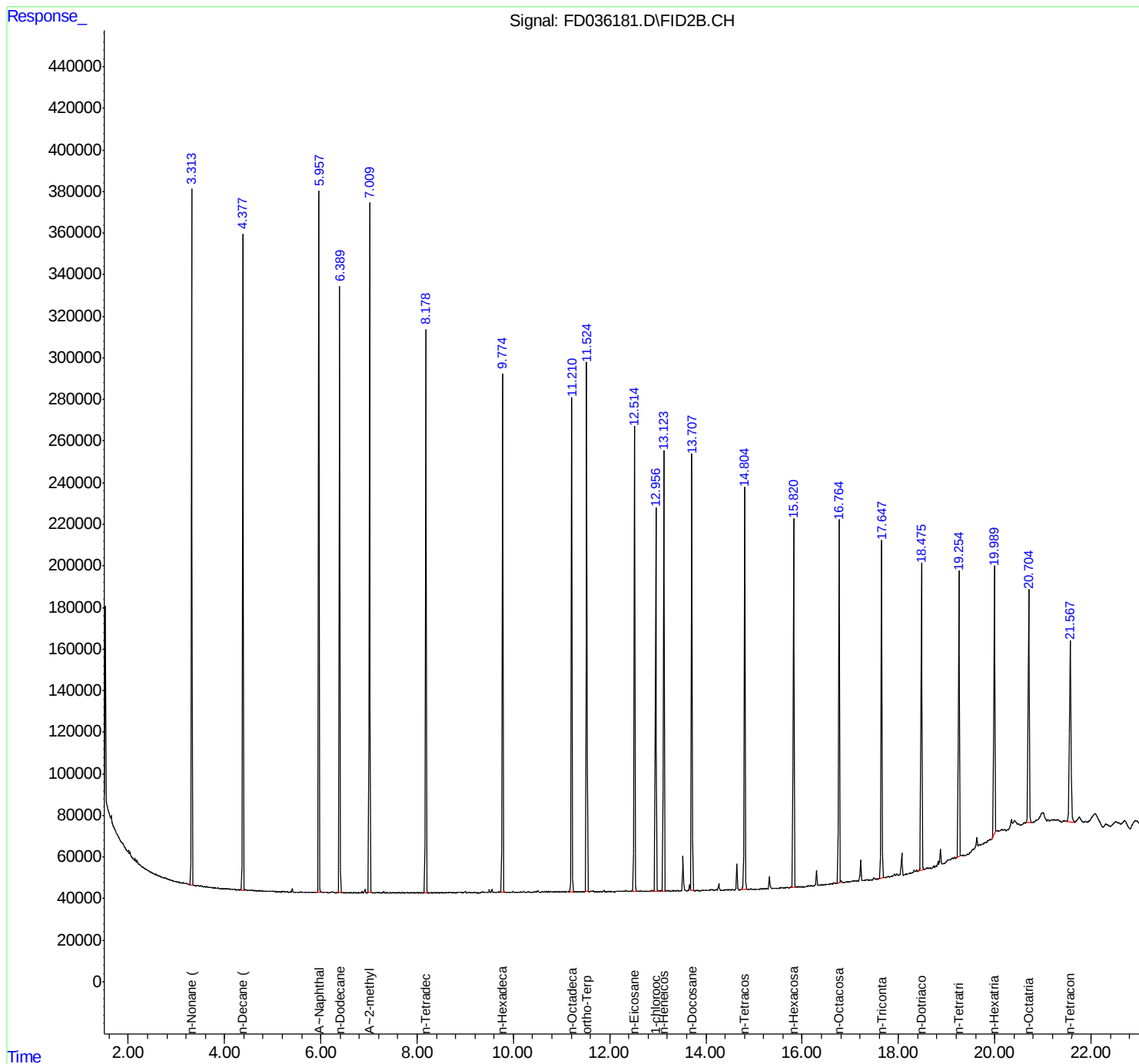
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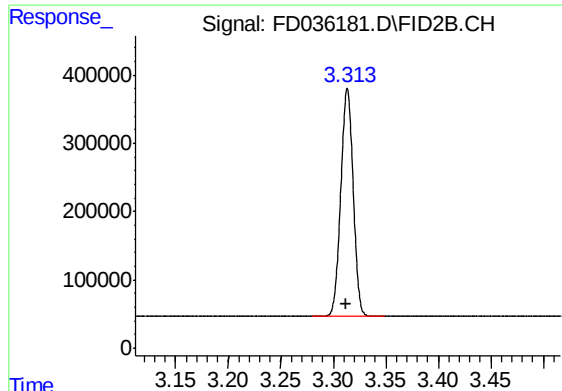
(m)=manual int.

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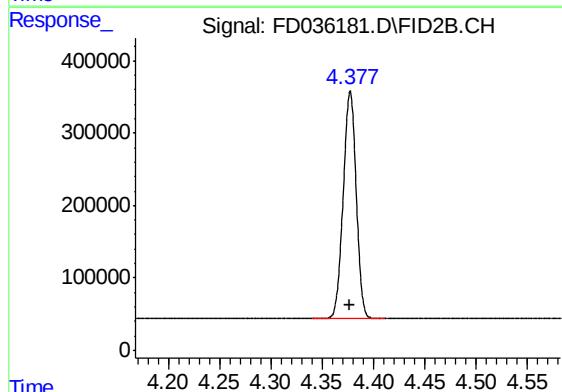
Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um





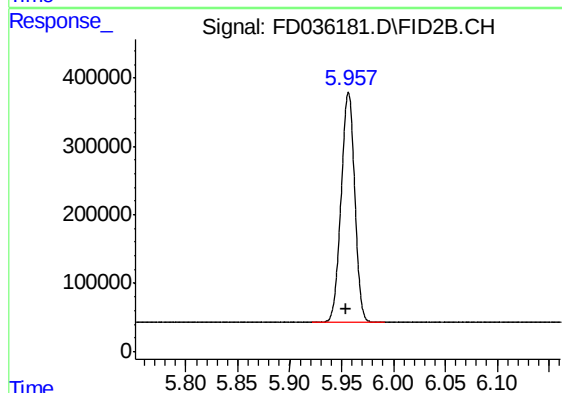
#1 n-Nonane (C9)

R.T.: 3.314 min
Delta R.T.: 0.002 min
Response: 2732140
Conc: 21.19 ug/ml



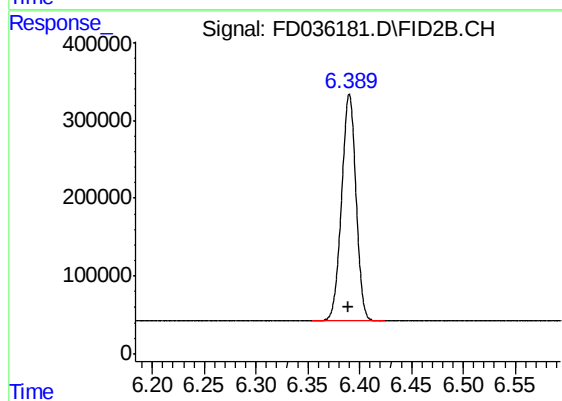
#2 n-Decane (C10)

R.T.: 4.377 min
Delta R.T.: 0.000 min
Response: 2766225
Conc: 21.26 ug/ml



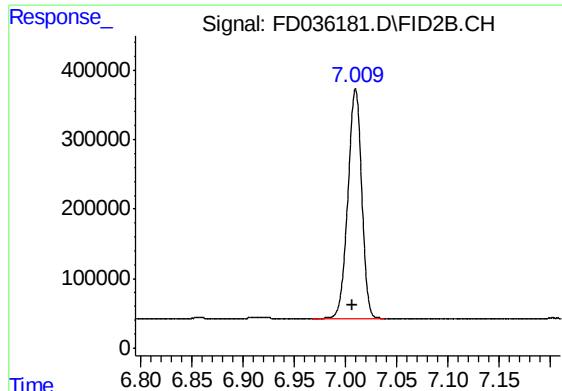
#3 A~Naphthalene (C11.7)

R.T.: 5.957 min
Delta R.T.: 0.002 min
Response: 3063496
Conc: 20.92 ug/ml



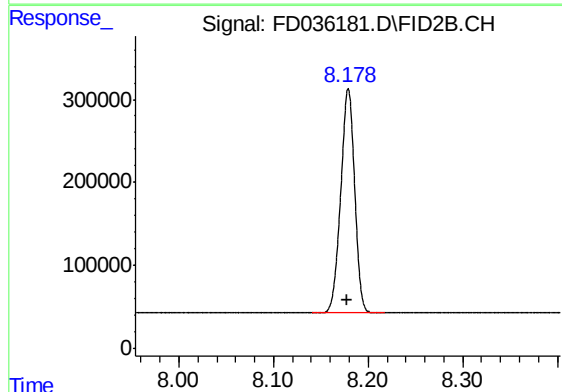
#4 n-Dodecane (C12)

R.T.: 6.390 min
Delta R.T.: 0.000 min
Response: 2807191
Conc: 21.11 ug/ml



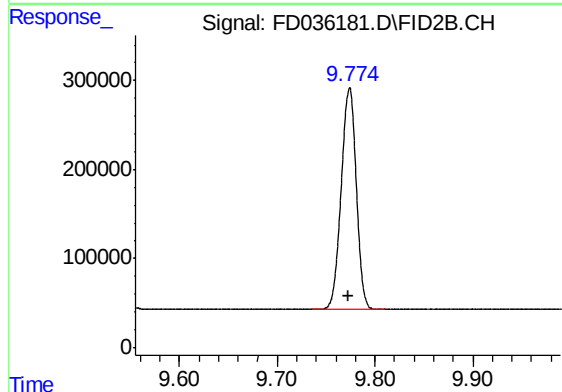
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.010 min
Delta R.T.: 0.003 min
Response: 3097698
Conc: 20.62 ug/ml



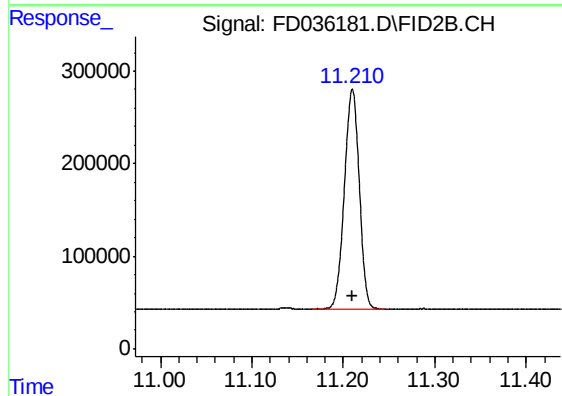
#6 n-Tetradecane (C14)

R.T.: 8.179 min
Delta R.T.: 0.000 min
Response: 2773397
Conc: 20.75 ug/ml



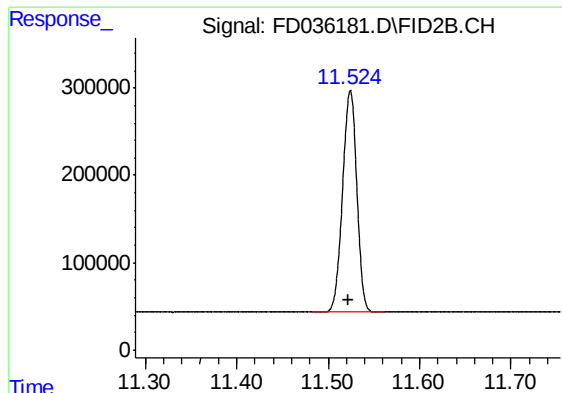
#7 n-Hexadecane (C16)

R.T.: 9.774 min
Delta R.T.: 0.002 min
Response: 2659998
Conc: 20.10 ug/ml



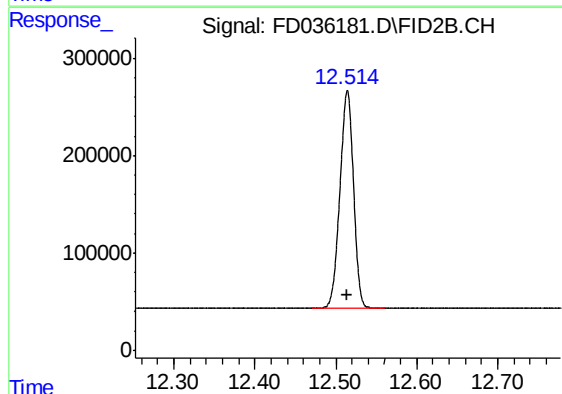
#8 n-Octadecane (C18)

R.T.: 11.210 min
Delta R.T.: 0.000 min
Response: 2676329
Conc: 19.45 ug/ml



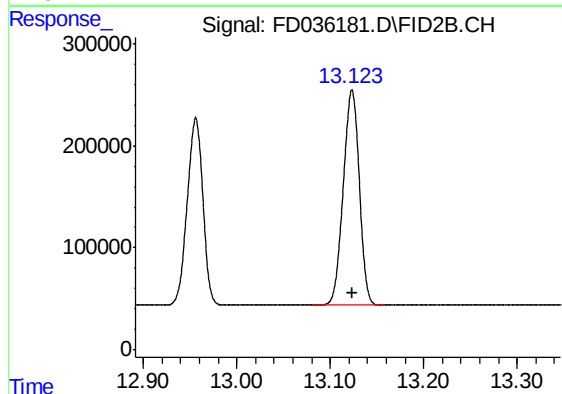
#9 ortho-Terphenyl (SURR)

R.T.: 11.524 min
Delta R.T.: 0.001 min
Response: 2748669
Conc: 18.54 ug/ml



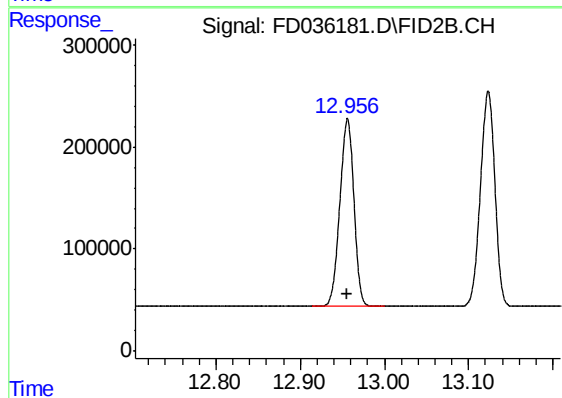
#10 n-Eicosane (C20)

R.T.: 12.514 min
Delta R.T.: 0.000 min
Response: 2589549
Conc: 18.74 ug/ml



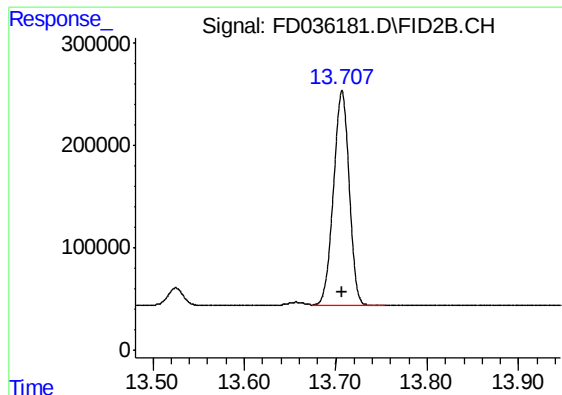
#11 n-Heneicosane (C21)

R.T.: 13.124 min
Delta R.T.: 0.000 min
Response: 2522249
Conc: 18.25 ug/ml



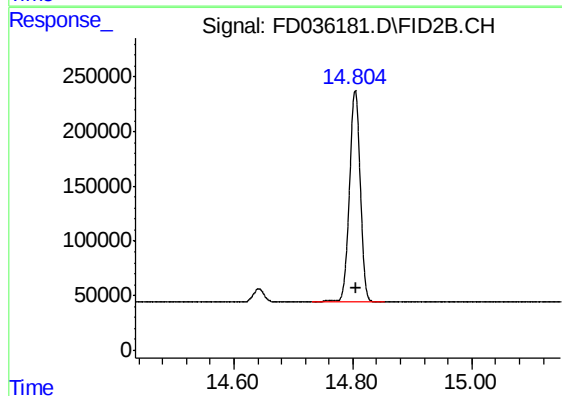
#12 1-chlorooctadecane (SURR)

R.T.: 12.956 min
Delta R.T.: 0.000 min
Response: 2134855
Conc: 18.15 ug/ml



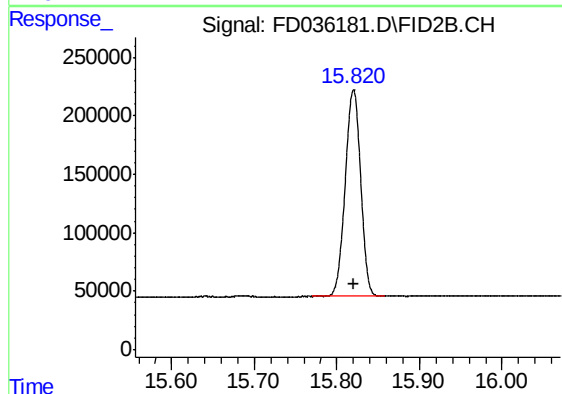
#13 n-Docosane (C22)

R.T.: 13.707 min
Delta R.T.: 0.000 min
Response: 2491170
Conc: 18.14 ug/ml



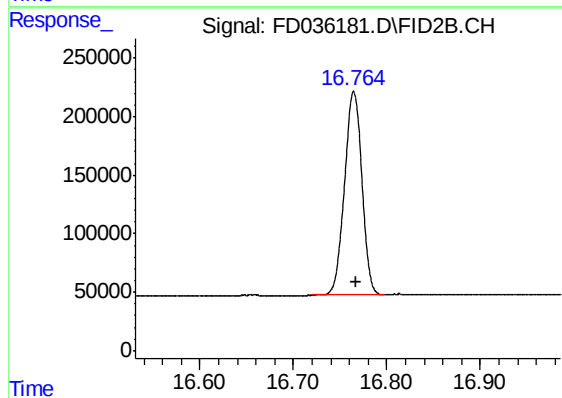
#14 n-Tetracosane (C24)

R.T.: 14.804 min
Delta R.T.: -0.002 min
Response: 2436479
Conc: 17.92 ug/ml



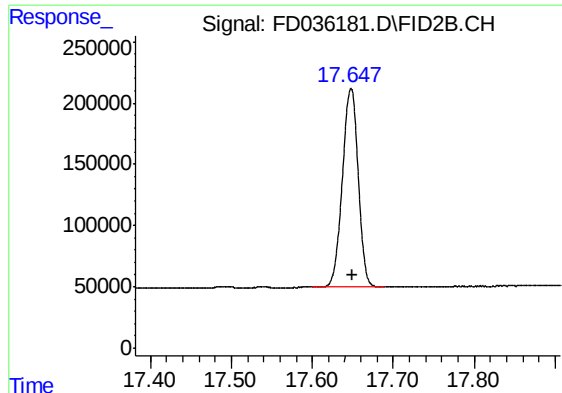
#15 n-Hexacosane (C26)

R.T.: 15.820 min
Delta R.T.: 0.000 min
Response: 2313753
Conc: 17.43 ug/ml



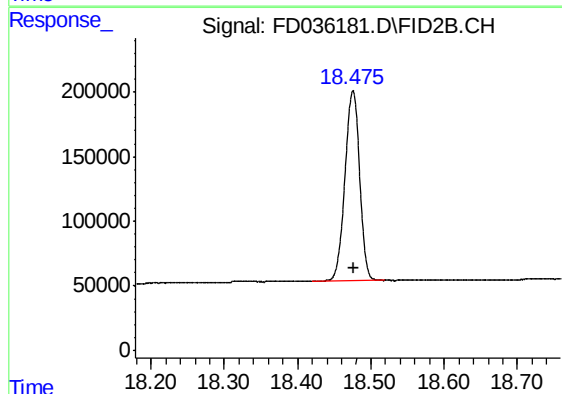
#16 n-Octacosane (C28)

R.T.: 16.765 min
Delta R.T.: -0.002 min
Response: 2247789
Conc: 17.37 ug/ml



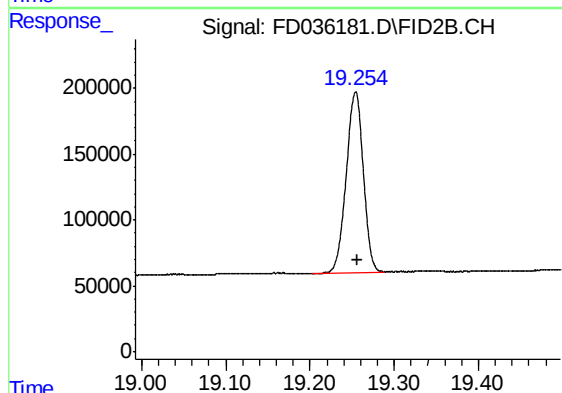
#17 n-Tricontane (C30)

R.T.: 17.648 min
Delta R.T.: -0.001 min
Response: 2200010
Conc: 17.84 ug/ml



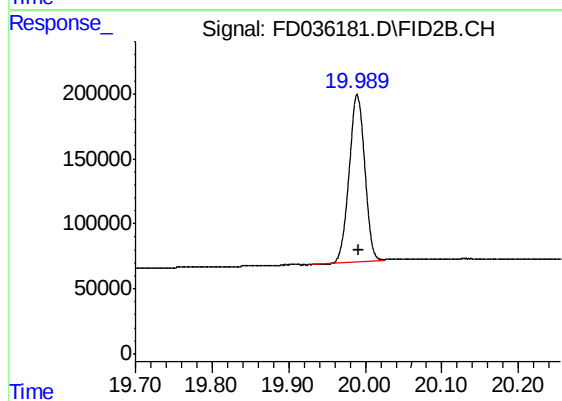
#18 n-Dotriacontane (C32)

R.T.: 18.476 min
Delta R.T.: -0.001 min
Response: 2059547
Conc: 18.69 ug/ml



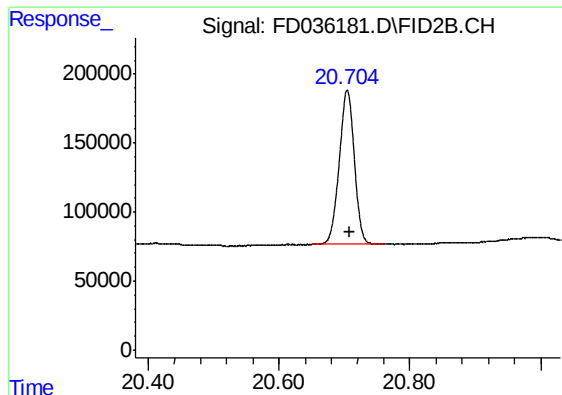
#19 n-Tetatriacontane (C34)

R.T.: 19.254 min
Delta R.T.: -0.002 min
Response: 1929826
Conc: 19.47 ug/ml



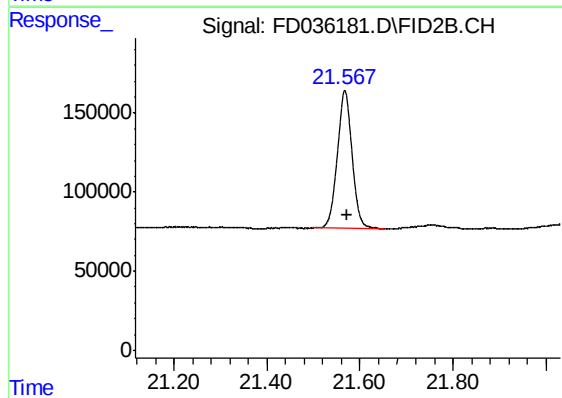
#20 n-Hexatriacontane (C36)

R.T.: 19.990 min
Delta R.T.: -0.002 min
Response: 1826090
Conc: 20.30 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.704 min
Delta R.T.: -0.003 min
Response: 1795873
Conc: 21.62 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.567 min
Delta R.T.: -0.006 min
Response: 1919010
Conc: 22.82 ug/ml