

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD122420AL\
 Data File : FD035862.D
 Signal(s) : FID2B.CH
 Acq On : 24 Dec 2020 15:13
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Dec 24 15:47:39 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Alaphatic EPH 122120.M
 Quant Title : GC Extractables
 QLast Update : Tue Dec 22 01:48:46 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)	11.483	2594042	19.626 ug/ml
Spiked Amount 50.000		Recovery =	39.25%
12) S 1-chlorooctadecane (S...	12.915	2056512	19.435 ug/ml
Spiked Amount 50.000		Recovery =	38.87%
Target Compounds			
1) T n-Nonane (C9)	3.287	2331758	20.550 ug/ml
2) T n-Decane (C10)	4.347	2361665	20.681 ug/ml
3) T A~Naphthalene (C11.7)	5.924	2475167	20.370 ug/ml
4) T n-Dodecane (C12)	6.354	2437335	20.602 ug/ml
5) T A~2-methylnaphthalene...	6.976	2520361	20.425 ug/ml
6) T n-Tetradecane (C14)	8.140	2438027	20.475 ug/ml
7) T n-Hexadecane (C16)	9.733	2379767	20.317 ug/ml
8) T n-Octadecane (C18)	11.169	2476135	20.046 ug/ml
10) T n-Eicosane (C20)	12.472	2469338	19.720 ug/ml
11) T n-Heneicosane (C21)	13.082	2439778	19.524 ug/ml
13) T n-Docosane (C22)	13.665	2440011	19.616 ug/ml
14) T n-Tetracosane (C24)	14.762	2430214	19.708 ug/ml
15) T n-Hexacosane (C26)	15.776	2340935	19.470 ug/ml
16) T n-Octacosane (C28)	16.721	2276266	19.415 ug/ml
17) T n-Tricontane (C30)	17.605	2191408	19.569 ug/ml
18) T n-Dotriacontane (C32)	18.432	2014061	19.828 ug/ml
19) T n-Tetratriacontane (C34)	19.212	1868882	19.923 ug/ml
20) T n-Hexatriacontane (C36)	19.947	1773025	20.355 ug/ml
21) T n-Octatriacontane (C38)	20.660	1704518	20.646 ug/ml
22) T n-Tetracontane (C40)	21.518	1761130	21.112 ug/ml

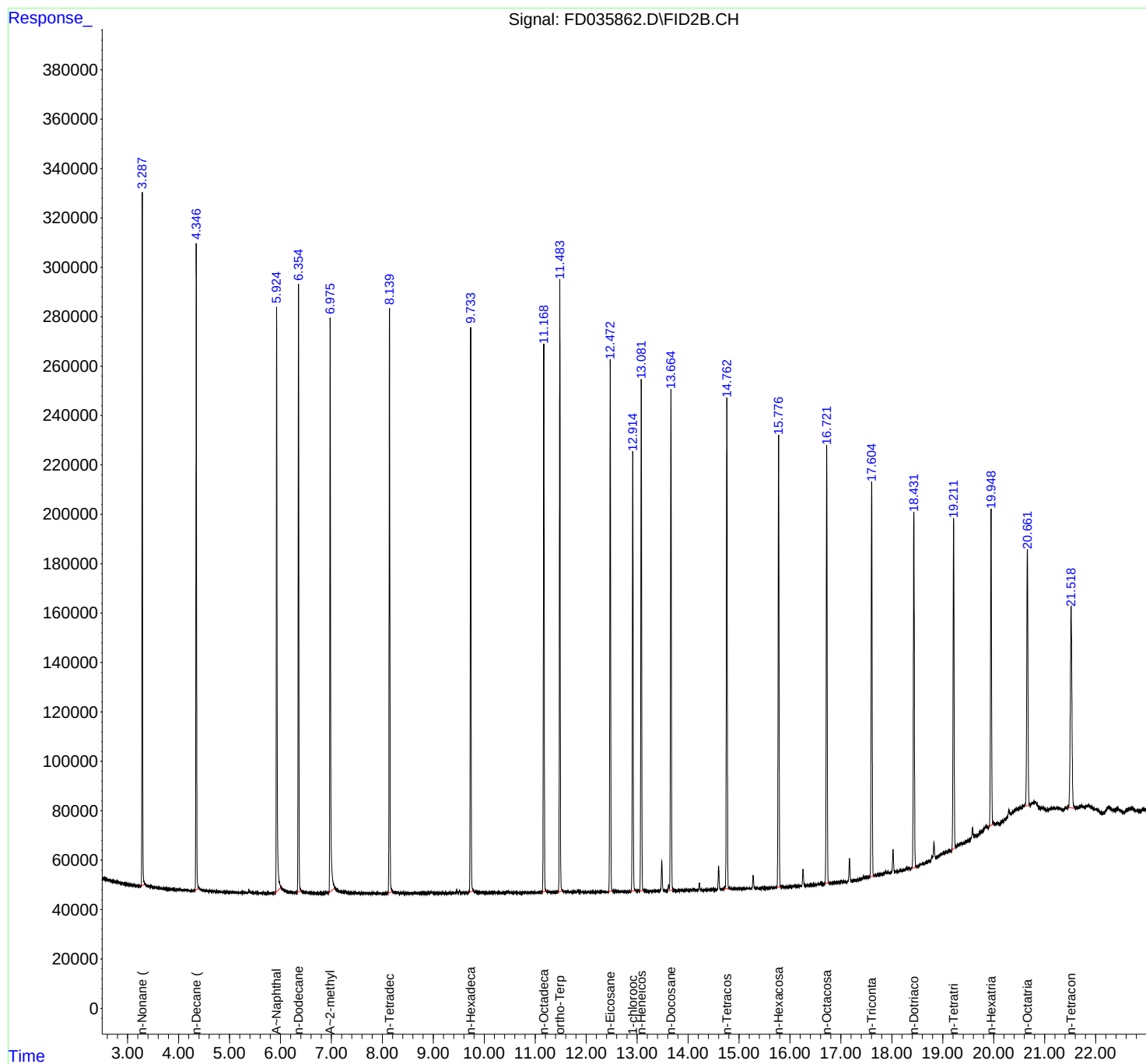
(f)=RT Delta > 1/2 Window

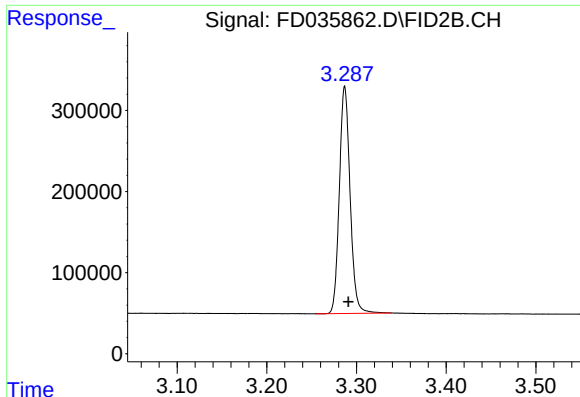
(m)=manual int.

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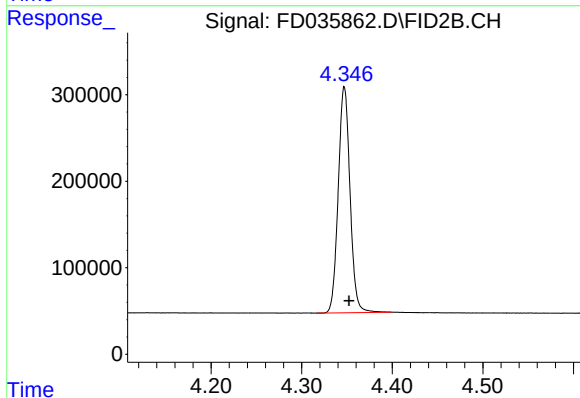
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Signal Info : 20M x 0.18mm x 0.18um





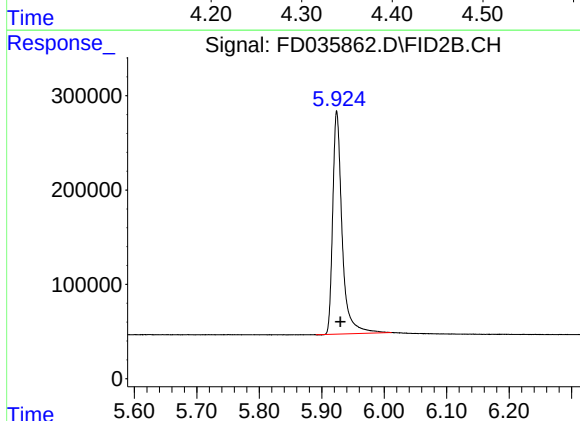
#1 n-Nonane (C9)

R.T.: 3.287 min
Delta R.T.: -0.004 min
Response: 2331758
Conc: 20.55 ug/ml



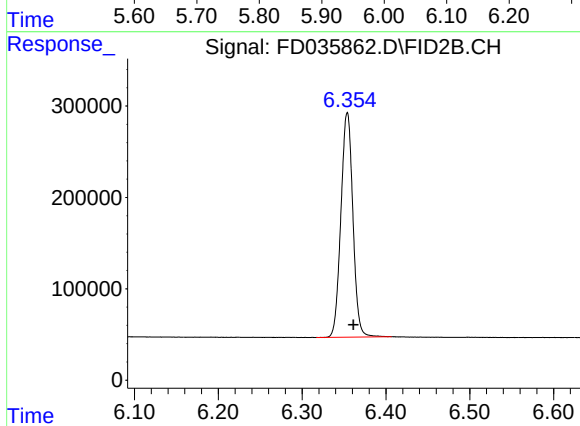
#2 n-Decane (C10)

R.T.: 4.347 min
Delta R.T.: -0.005 min
Response: 2361665
Conc: 20.68 ug/ml



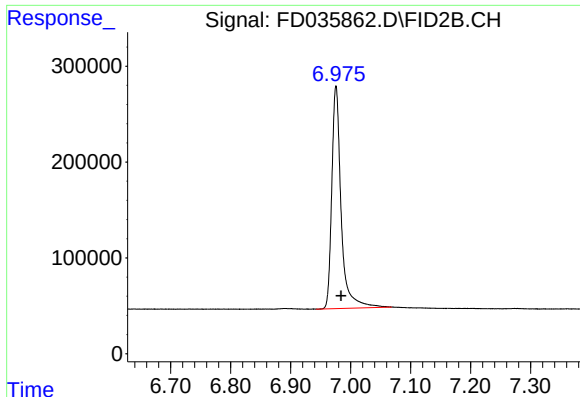
#3 A~Naphthalene (C11.7)

R.T.: 5.924 min
Delta R.T.: -0.006 min
Response: 2475167
Conc: 20.37 ug/ml



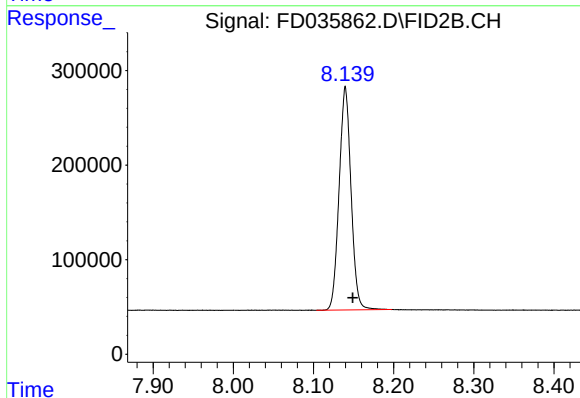
#4 n-Dodecane (C12)

R.T.: 6.354 min
Delta R.T.: -0.007 min
Response: 2437335
Conc: 20.60 ug/ml



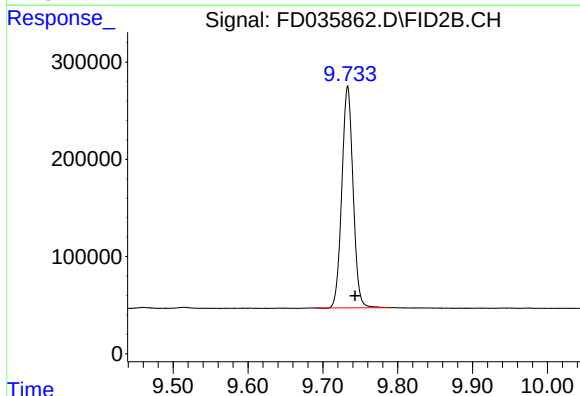
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.976 min
Delta R.T.: -0.008 min
Response: 2520361
Conc: 20.43 ug/ml



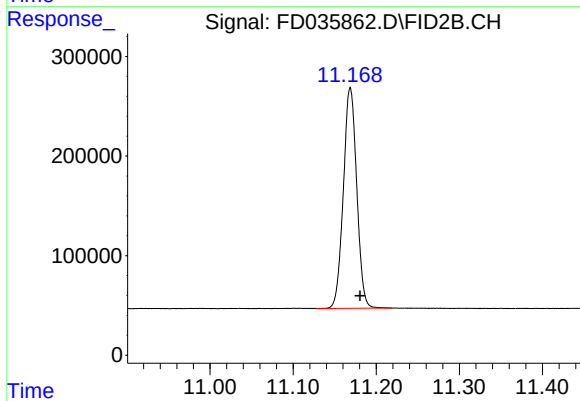
#6 n-Tetradecane (C14)

R.T.: 8.140 min
Delta R.T.: -0.009 min
Response: 2438027
Conc: 20.48 ug/ml



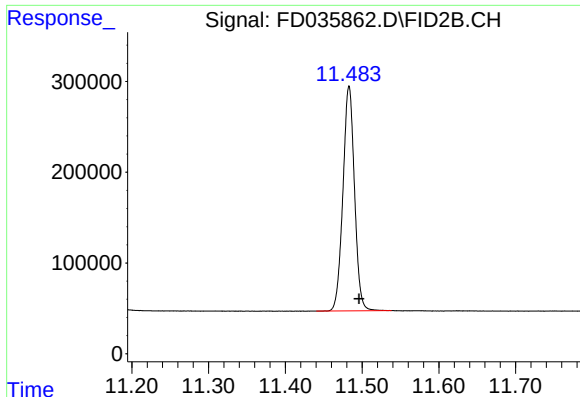
#7 n-Hexadecane (C16)

R.T.: 9.733 min
Delta R.T.: -0.010 min
Response: 2379767
Conc: 20.32 ug/ml



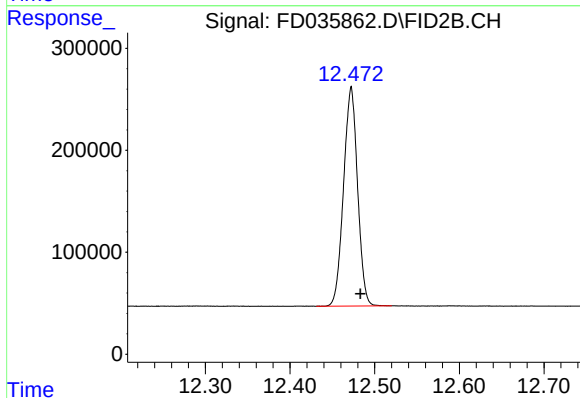
#8 n-Octadecane (C18)

R.T.: 11.169 min
Delta R.T.: -0.012 min
Response: 2476135
Conc: 20.05 ug/ml



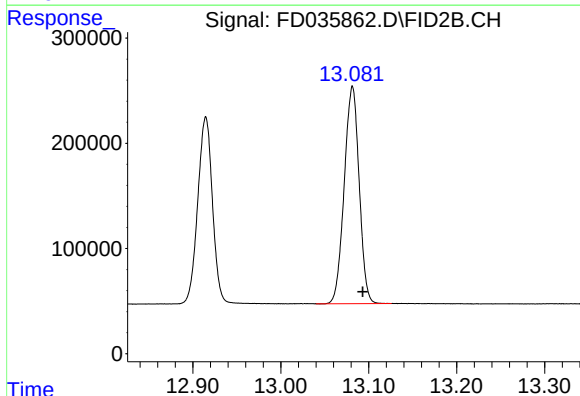
#9 ortho-Terphenyl (SURR)

R.T.: 11.483 min
Delta R.T.: -0.013 min
Response: 2594042
Conc: 19.63 ug/ml



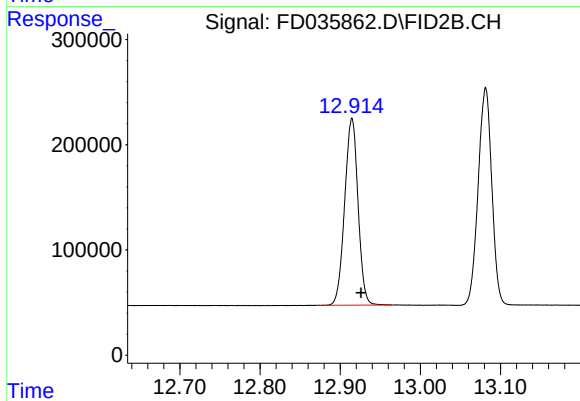
#10 n-Eicosane (C20)

R.T.: 12.472 min
Delta R.T.: -0.011 min
Response: 2469338
Conc: 19.72 ug/ml



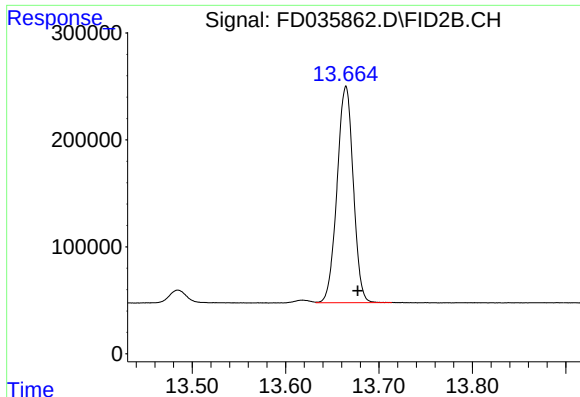
#11 n-Heneicosane (C21)

R.T.: 13.082 min
Delta R.T.: -0.012 min
Response: 2439778
Conc: 19.52 ug/ml



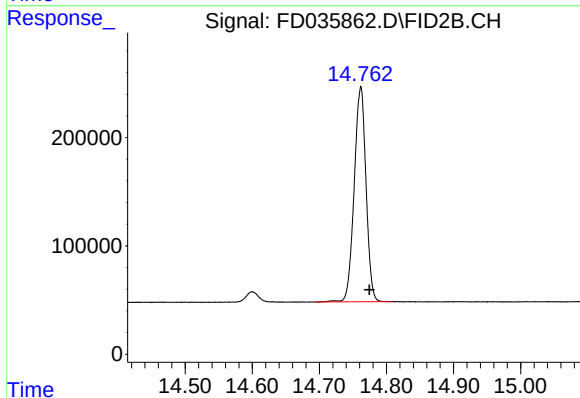
#12 1-chlorooctadecane (SURR)

R.T.: 12.915 min
Delta R.T.: -0.011 min
Response: 2056512
Conc: 19.43 ug/ml



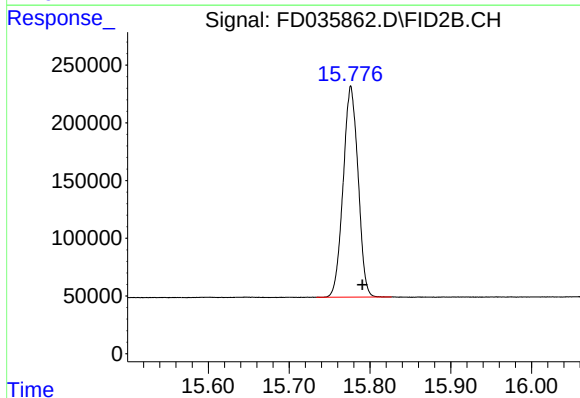
#13 n-Docosane (C22)

R.T.: 13.665 min
Delta R.T.: -0.013 min
Response: 2440011
Conc: 19.62 ug/ml



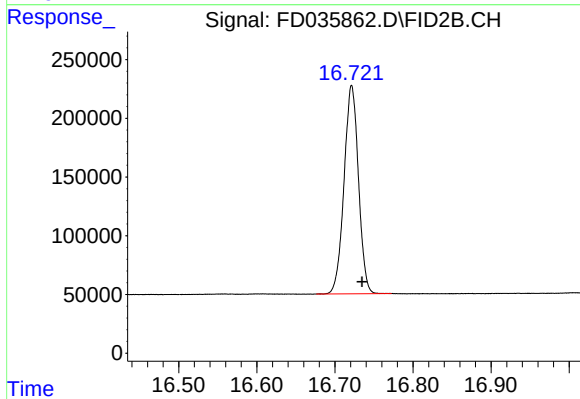
#14 n-Tetracosane (C24)

R.T.: 14.762 min
Delta R.T.: -0.013 min
Response: 2430214
Conc: 19.71 ug/ml



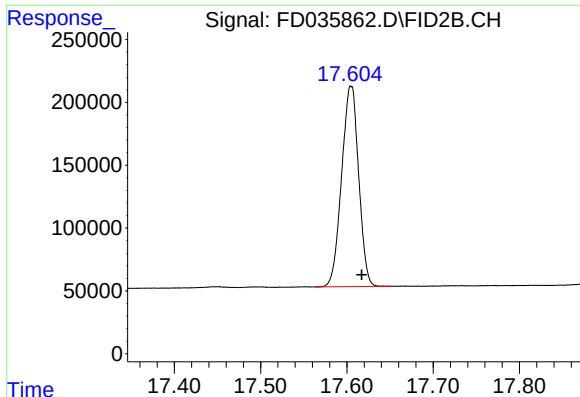
#15 n-Hexacosane (C26)

R.T.: 15.776 min
Delta R.T.: -0.014 min
Response: 2340935
Conc: 19.47 ug/ml



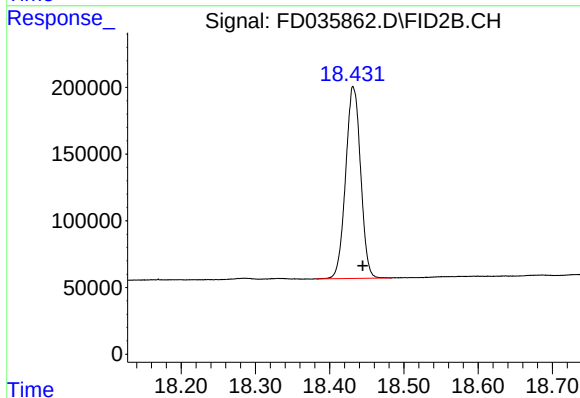
#16 n-Octacosane (C28)

R.T.: 16.721 min
Delta R.T.: -0.014 min
Response: 2276266
Conc: 19.42 ug/ml



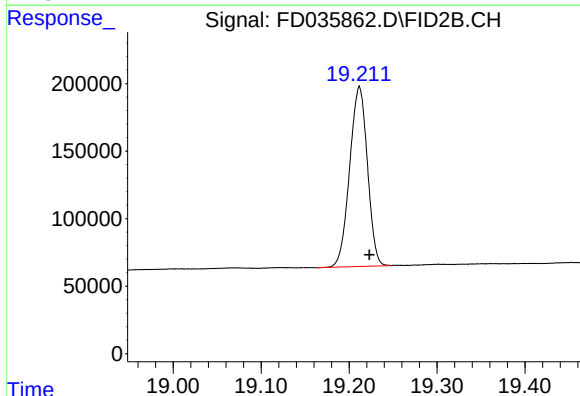
#17 n-Tricontane (C30)

R.T.: 17.605 min
Delta R.T.: -0.012 min
Response: 2191408
Conc: 19.57 ug/ml



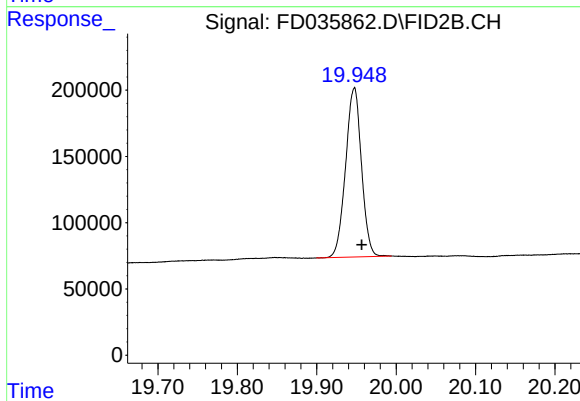
#18 n-Dotriacontane (C32)

R.T.: 18.432 min
Delta R.T.: -0.013 min
Response: 2014061
Conc: 19.83 ug/ml



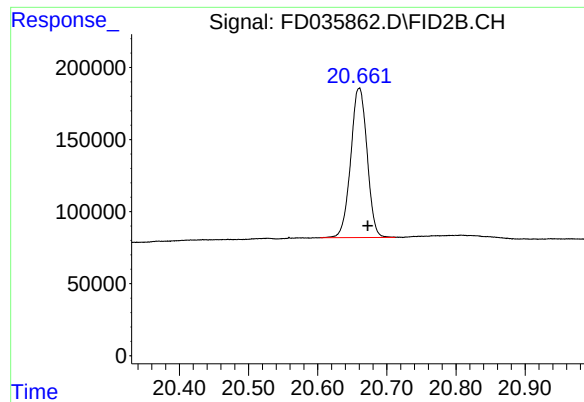
#19 n-Tetratriacontane (C34)

R.T.: 19.212 min
Delta R.T.: -0.012 min
Response: 1868882
Conc: 19.92 ug/ml



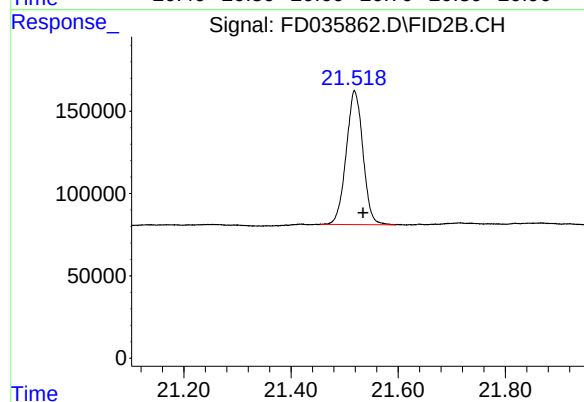
#20 n-Hexatriacontane (C36)

R.T.: 19.947 min
Delta R.T.: -0.009 min
Response: 1773025
Conc: 20.35 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.660 min
Delta R.T.: -0.013 min
Response: 1704518
Conc: 20.65 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.518 min
Delta R.T.: -0.016 min
Response: 1761130
Conc: 21.11 ug/ml