

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD092320AL\
 Data File : FD034867.D
 Signal(s) : FID2B.CH
 Acq On : 24 Sep 2020 5:23
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Sep 24 06:14:29 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Alaphatic EPH 083120.M
 Quant Title : GC Extractables
 QLast Update : Tue Sep 01 01:55:21 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)	11.588	2354138	19.052 ug/ml
Spiked Amount 50.000		Recovery =	38.10%
12) S 1-chlorooctadecane (S...	13.017	1833474	18.720 ug/ml
Spiked Amount 50.000		Recovery =	37.44%
Target Compounds			
1) T n-Nonane (C9)	3.366	2229378	20.533 ug/ml
2) T n-Decane (C10)	4.433	2247026	20.506 ug/ml
3) T A~Naphthalene (C11.7)	6.017	2456098	20.406 ug/ml
4) T n-Dodecane (C12)	6.447	2287978	20.515 ug/ml
5) T A~2-methylnaphthalene...	7.071	2500239	20.324 ug/ml
6) T n-Tetradecane (C14)	8.237	2276040	20.245 ug/ml
7) T n-Hexadecane (C16)	9.833	2212590	19.876 ug/ml
8) T n-Octadecane (C18)	11.269	2260464	19.472 ug/ml
10) T n-Eicosane (C20)	12.574	2226655	19.036 ug/ml
11) T n-Heneicosane (C21)	13.185	2196162	18.829 ug/ml
13) T n-Docosane (C22)	13.768	2169174	18.659 ug/ml
14) T n-Tetracosane (C24)	14.866	2124826	18.387 ug/ml
15) T n-Hexacosane (C26)	15.883	2062605	18.200 ug/ml
16) T n-Octacosane (C28)	16.828	2036918	18.196 ug/ml
17) T n-Tricontane (C30)	17.713	1998829	18.429 ug/ml
18) T n-Dotriacontane (C32)	18.540	1884794	18.705 ug/ml
19) T n-Tetratriacontane (C34)	19.321	1813594	19.205 ug/ml
20) T n-Hexatriacontane (C36)	20.056	1734218	19.962 ug/ml
21) T n-Octatriacontane (C38)	20.784	1666318	20.306 ug/ml
22) T n-Tetracontane (C40)	21.679	1712790	20.174 ug/ml

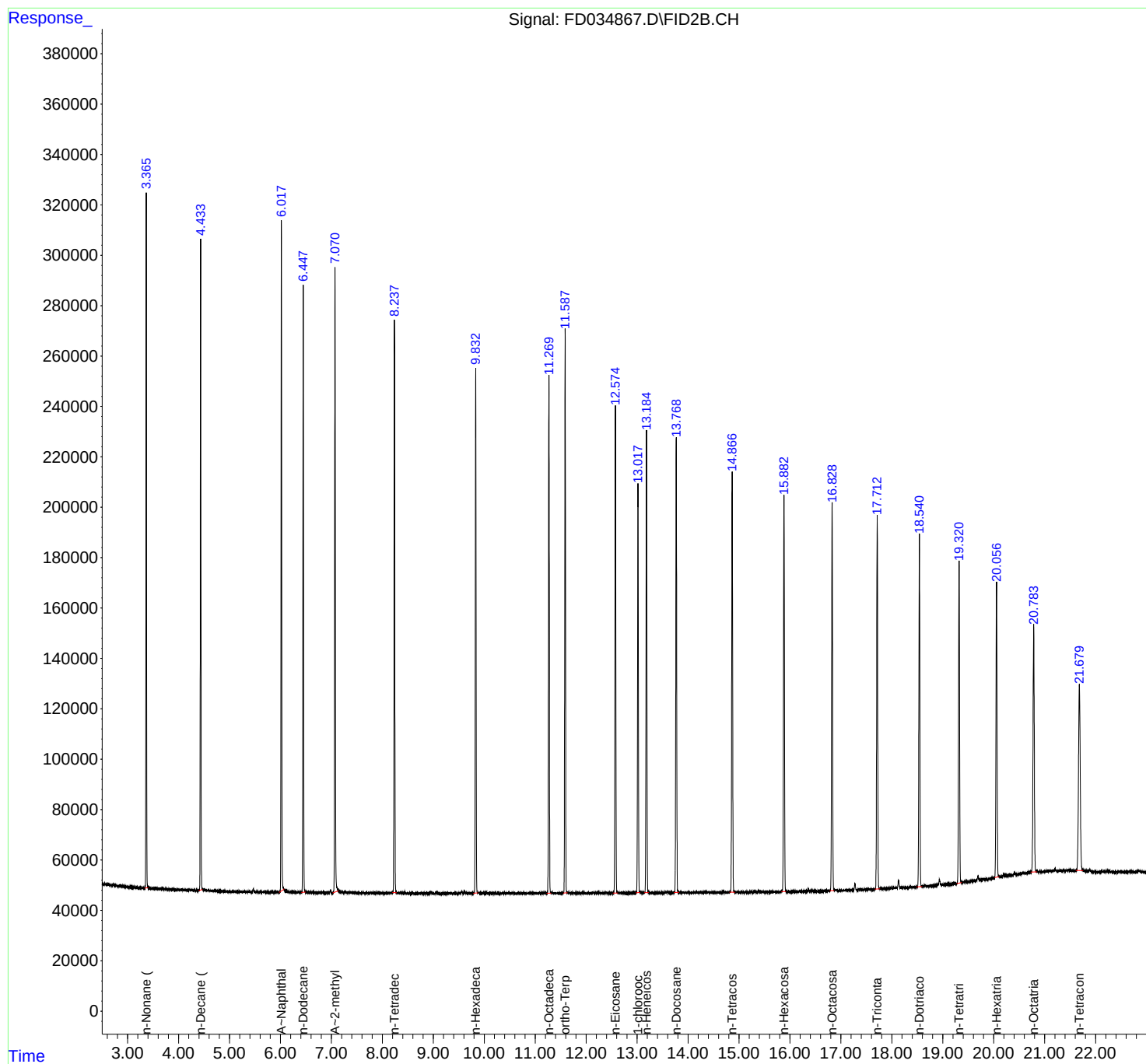
(f)=RT Delta > 1/2 Window

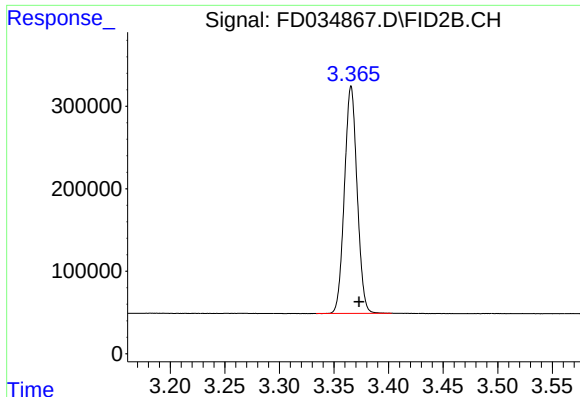
(m)=manual int.

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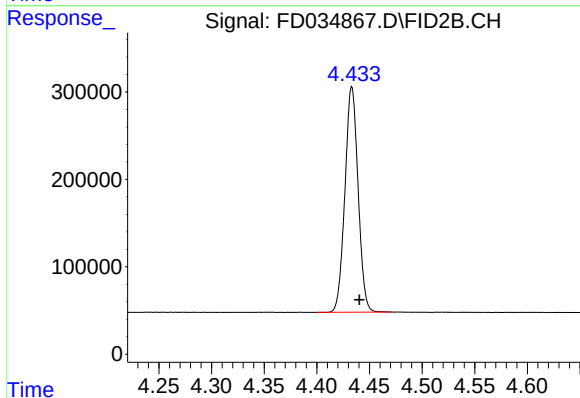
Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um





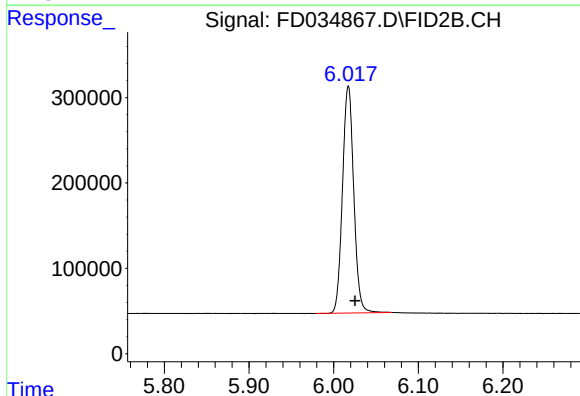
#1 n-Nonane (C9)

R.T.: 3.366 min
Delta R.T.: -0.007 min
Response: 2229378
Conc: 20.53 ug/ml



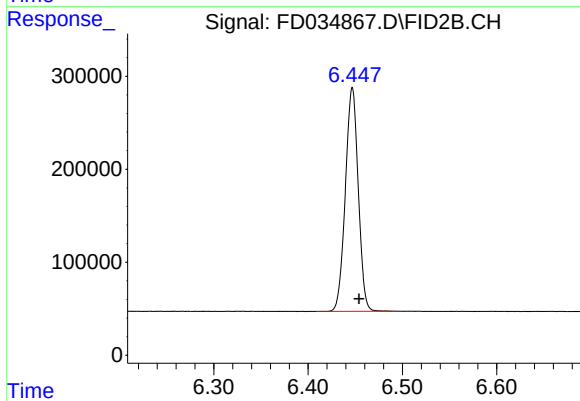
#2 n-Decane (C10)

R.T.: 4.433 min
Delta R.T.: -0.007 min
Response: 2247026
Conc: 20.51 ug/ml



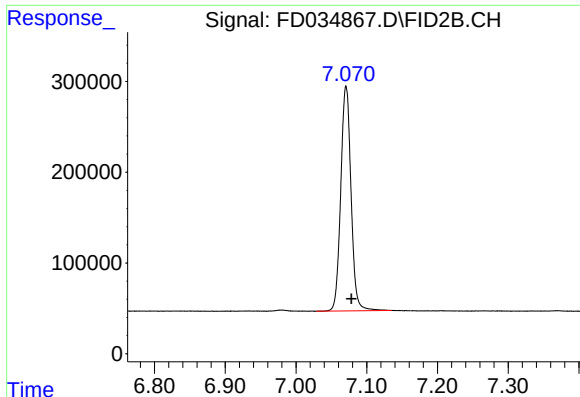
#3 A~Naphthalene (C11.7)

R.T.: 6.017 min
Delta R.T.: -0.008 min
Response: 2456098
Conc: 20.41 ug/ml



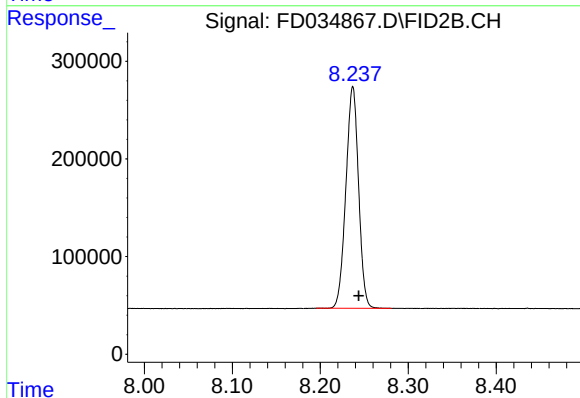
#4 n-Dodecane (C12)

R.T.: 6.447 min
Delta R.T.: -0.007 min
Response: 2287978
Conc: 20.52 ug/ml



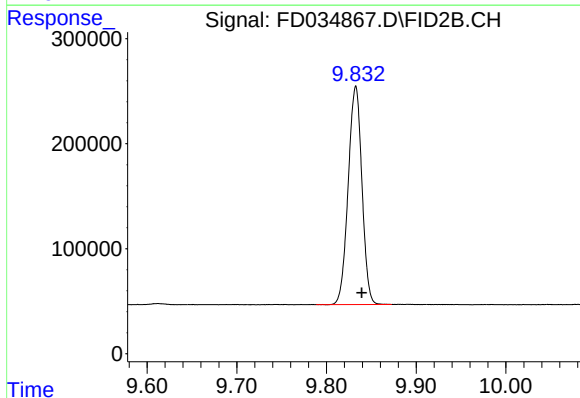
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.071 min
Delta R.T.: -0.007 min
Response: 2500239
Conc: 20.32 ug/ml



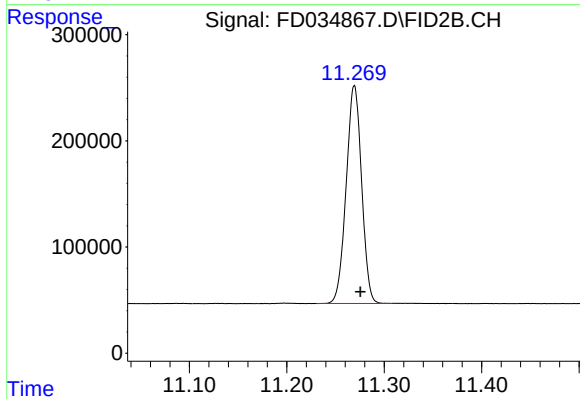
#6 n-Tetradecane (C14)

R.T.: 8.237 min
Delta R.T.: -0.007 min
Response: 2276040
Conc: 20.25 ug/ml



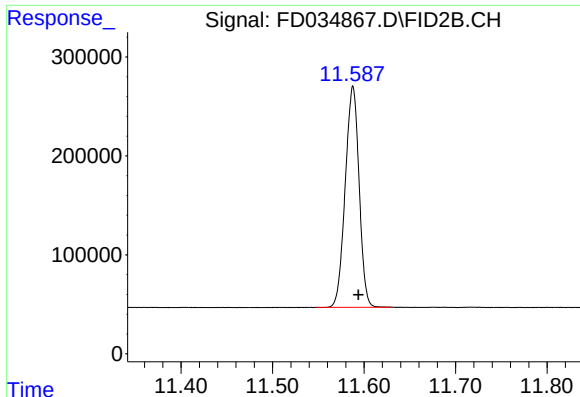
#7 n-Hexadecane (C16)

R.T.: 9.833 min
Delta R.T.: -0.007 min
Response: 2212590
Conc: 19.88 ug/ml



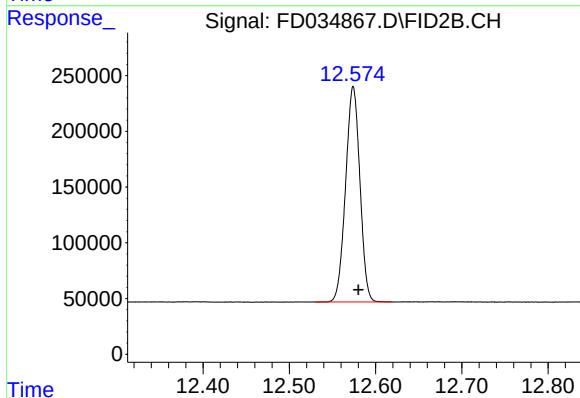
#8 n-Octadecane (C18)

R.T.: 11.269 min
Delta R.T.: -0.006 min
Response: 2260464
Conc: 19.47 ug/ml



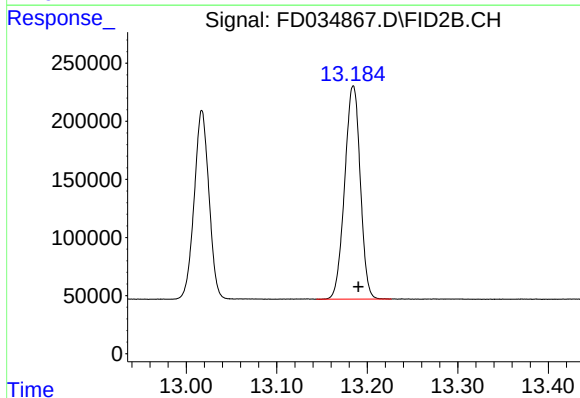
#9 ortho-Terphenyl (SURR)

R.T.: 11.588 min
Delta R.T.: -0.006 min
Response: 2354138
Conc: 19.05 ug/ml



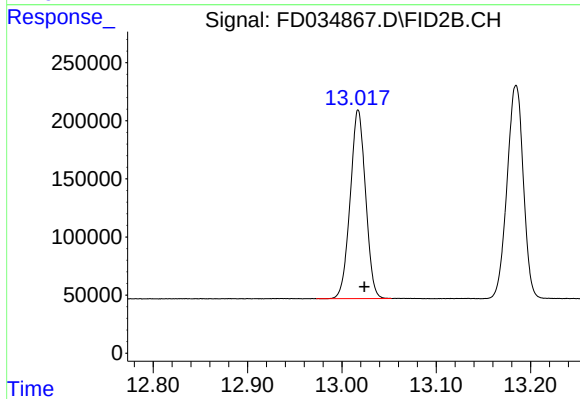
#10 n-Eicosane (C20)

R.T.: 12.574 min
Delta R.T.: -0.006 min
Response: 2226655
Conc: 19.04 ug/ml



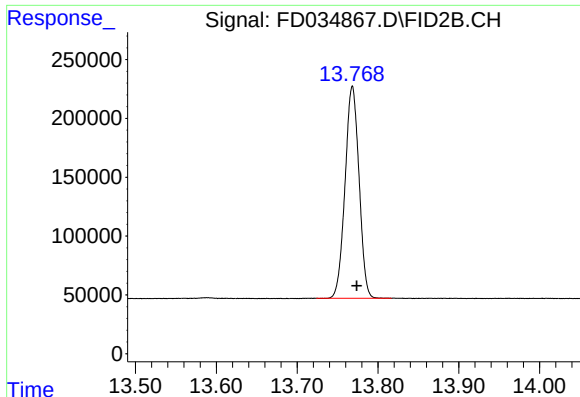
#11 n-Heneicosane (C21)

R.T.: 13.185 min
Delta R.T.: -0.006 min
Response: 2196162
Conc: 18.83 ug/ml



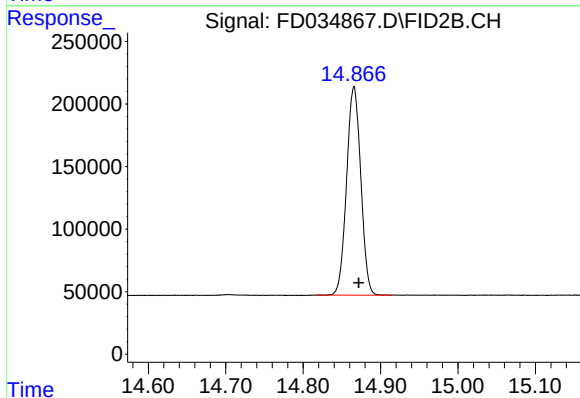
#12 1-chlorooctadecane (SURR)

R.T.: 13.017 min
Delta R.T.: -0.006 min
Response: 1833474
Conc: 18.72 ug/ml



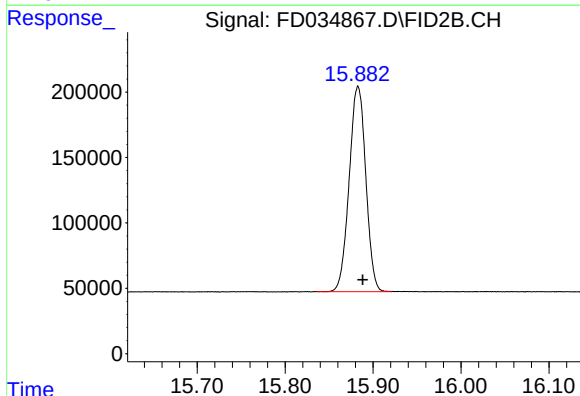
#13 n-Docosane (C22)

R.T.: 13.768 min
Delta R.T.: -0.005 min
Response: 2169174
Conc: 18.66 ug/ml



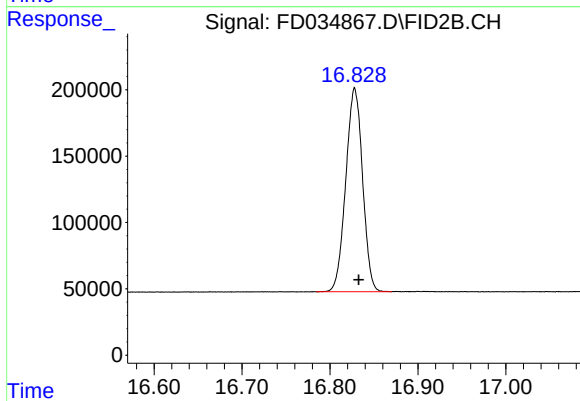
#14 n-Tetracosane (C24)

R.T.: 14.866 min
Delta R.T.: -0.006 min
Response: 2124826
Conc: 18.39 ug/ml



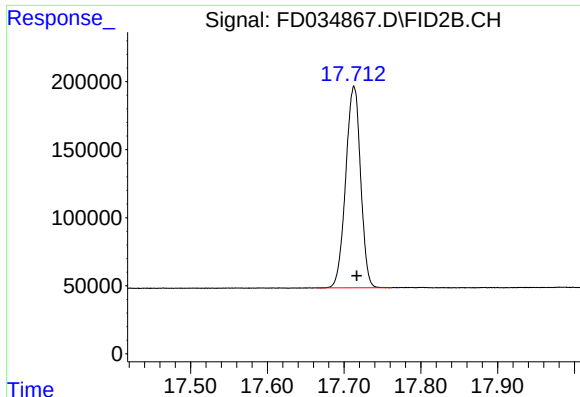
#15 n-Hexacosane (C26)

R.T.: 15.883 min
Delta R.T.: -0.005 min
Response: 2062605
Conc: 18.20 ug/ml



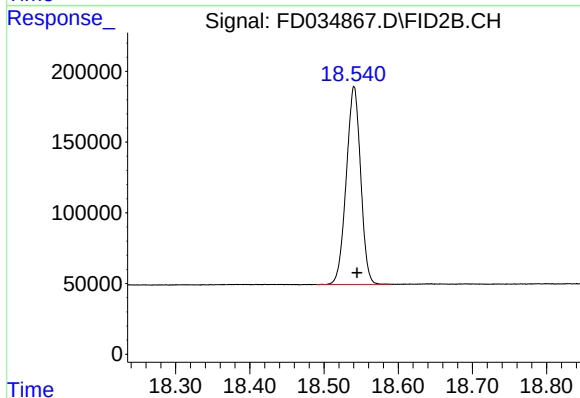
#16 n-Octacosane (C28)

R.T.: 16.828 min
Delta R.T.: -0.005 min
Response: 2036918
Conc: 18.20 ug/ml



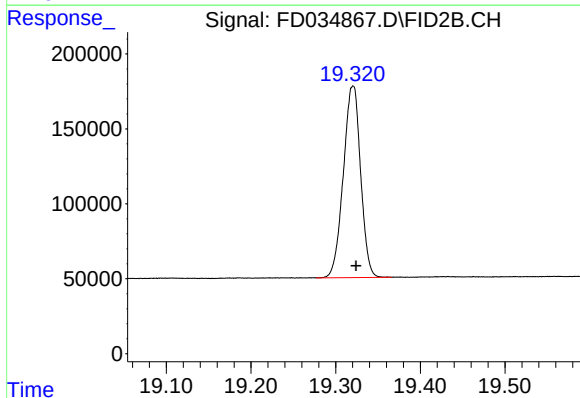
#17 n-Tricontane (C30)

R.T.: 17.713 min
Delta R.T.: -0.003 min
Response: 1998829
Conc: 18.43 ug/ml



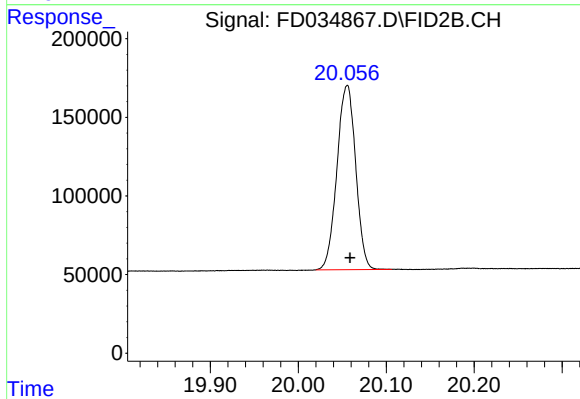
#18 n-Dotriacontane (C32)

R.T.: 18.540 min
Delta R.T.: -0.004 min
Response: 1884794
Conc: 18.71 ug/ml



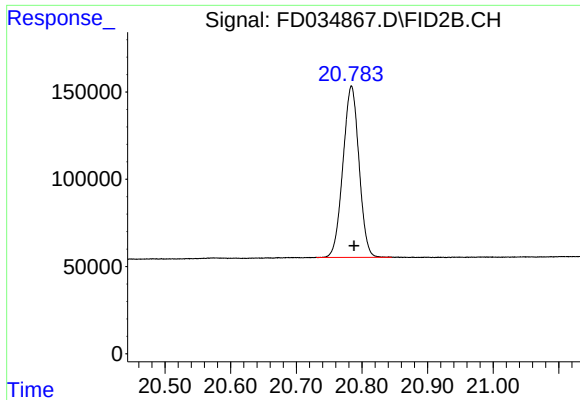
#19 n-Tetratriacontane (C34)

R.T.: 19.321 min
Delta R.T.: -0.003 min
Response: 1813594
Conc: 19.21 ug/ml



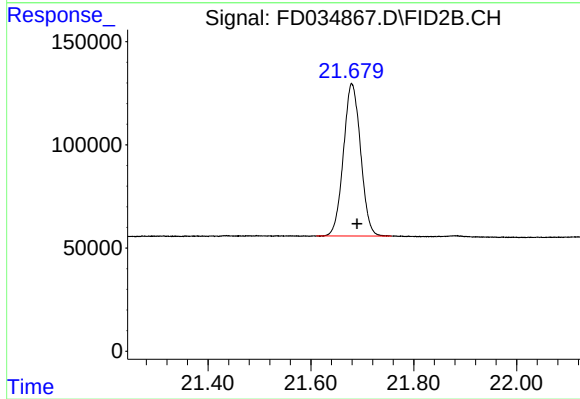
#20 n-Hexatriacontane (C36)

R.T.: 20.056 min
Delta R.T.: -0.003 min
Response: 1734218
Conc: 19.96 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.784 min
Delta R.T.: -0.004 min
Response: 1666318
Conc: 20.31 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.679 min
Delta R.T.: -0.010 min
Response: 1712790
Conc: 20.17 ug/ml