

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD112420AL\
 Data File : FD035670.D
 Signal(s) : FID2B.CH
 Acq On : 25 Nov 2020 8:57
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Nov 25 10:05:33 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Alaphatic EPH 110220.M
 Quant Title : GC Extractables
 QLast Update : Tue Nov 03 11:48:08 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)	11.531	2256145	17.344 ug/ml
Spiked Amount 50.000		Recovery =	34.69%
12) S 1-chlorooctadecane (S...	12.962	1758501	16.873 ug/ml
Spiked Amount 50.000		Recovery =	33.75%
Target Compounds			
1) T n-Nonane (C9)	3.315	2055021	18.250 ug/ml
2) T n-Decane (C10)	4.381	2070304	18.321 ug/ml
3) T A~Naphthalene (C11.7)	5.965	2258421	18.467 ug/ml
4) T n-Dodecane (C12)	6.393	2113838	18.283 ug/ml
5) T A~2-methylnaphthalene...	7.019	2304589	18.418 ug/ml
6) T n-Tetradecane (C14)	8.181	2121467	18.422 ug/ml
7) T n-Hexadecane (C16)	9.777	2096788	18.350 ug/ml
8) T n-Octadecane (C18)	11.214	2172643	18.004 ug/ml
10) T n-Eicosane (C20)	12.518	2161574	17.627 ug/ml
11) T n-Heneicosane (C21)	13.128	2131992	17.341 ug/ml
13) T n-Docosane (C22)	13.712	2107326	17.090 ug/ml
14) T n-Tetracosane (C24)	14.811	2065151	16.693 ug/ml
15) T n-Hexacosane (C26)	15.828	2012558	16.351 ug/ml
16) T n-Octacosane (C28)	16.774	1997525	16.224 ug/ml
17) T n-Tricontane (C30)	17.659	1975410	16.345 ug/ml
18) T n-Dotriacontane (C32)	18.487	1877971	16.702 ug/ml
19) T n-Tetratriacontane (C34)	19.267	1798342	17.134 ug/ml
20) T n-Hexatriacontane (C36)	20.002	2047177	21.370 ug/ml
21) T n-Octatriacontane (C38)	20.725	2276859	25.633 ug/ml
22) T n-Tetracontane (C40)	21.603	1660329	18.918 ug/ml

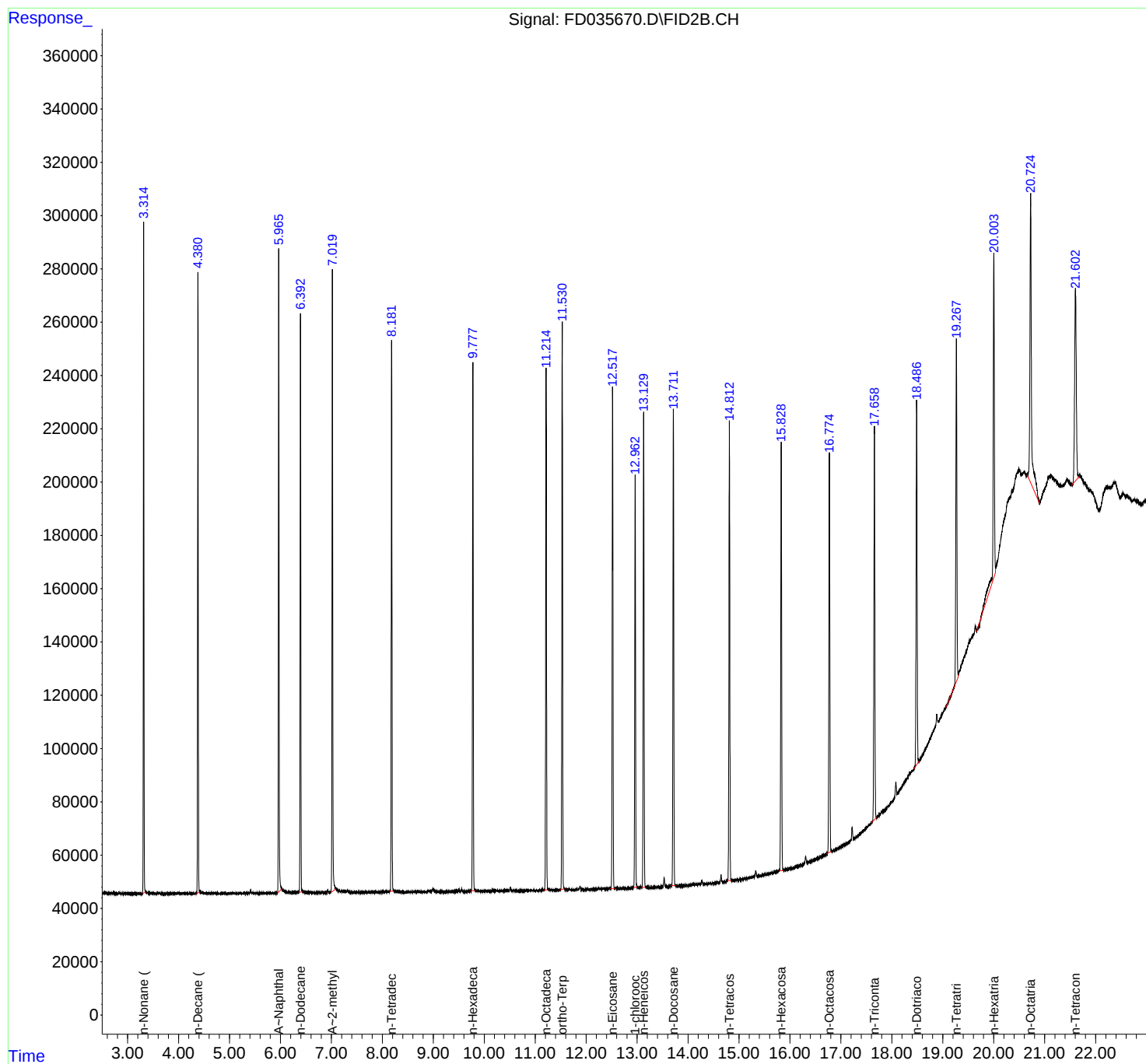
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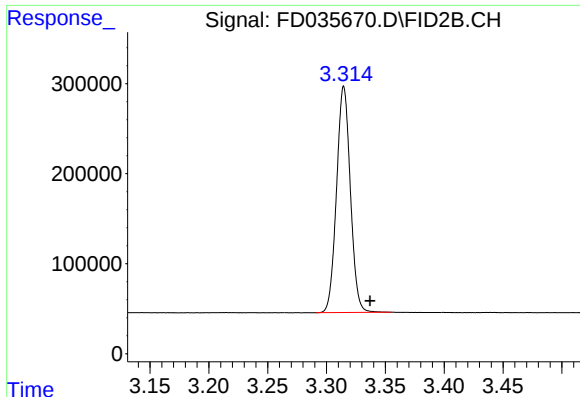
(m)=manual int.

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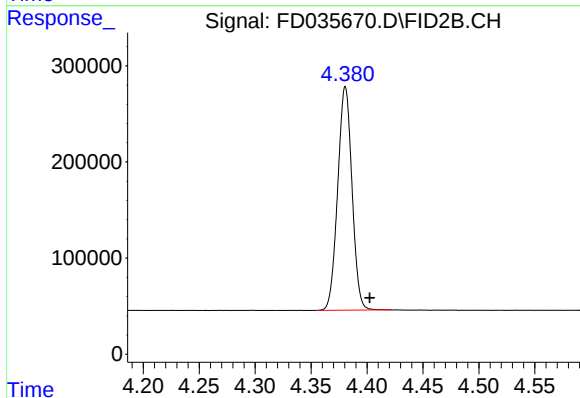
Volume Inj. : 1 uL
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um





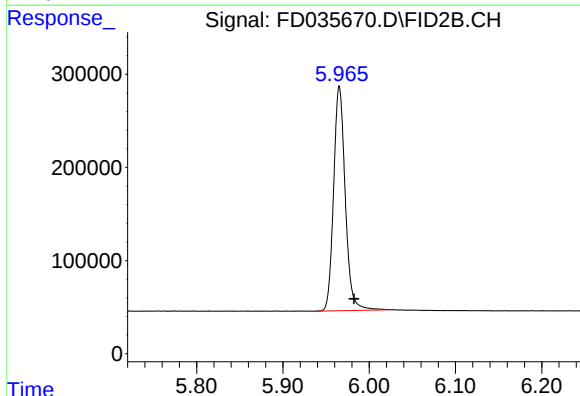
#1 n-Nonane (C9)

R.T.: 3.315 min
Delta R.T.: -0.022 min
Response: 2055021
Conc: 18.25 ug/ml



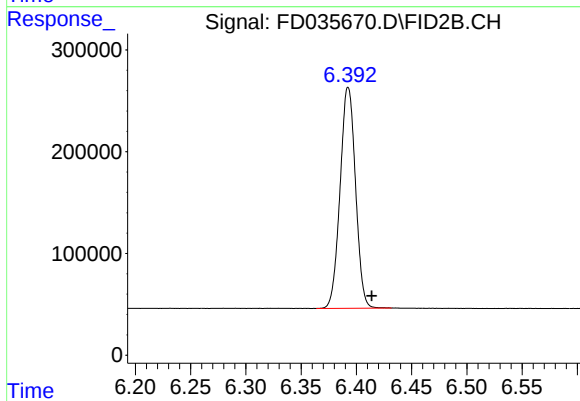
#2 n-Decane (C10)

R.T.: 4.381 min
Delta R.T.: -0.022 min
Response: 2070304
Conc: 18.32 ug/ml



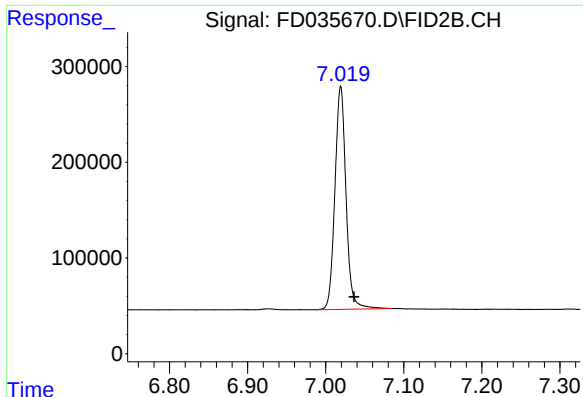
#3 A~Naphthalene (C11.7)

R.T.: 5.965 min
Delta R.T.: -0.017 min
Response: 2258421
Conc: 18.47 ug/ml



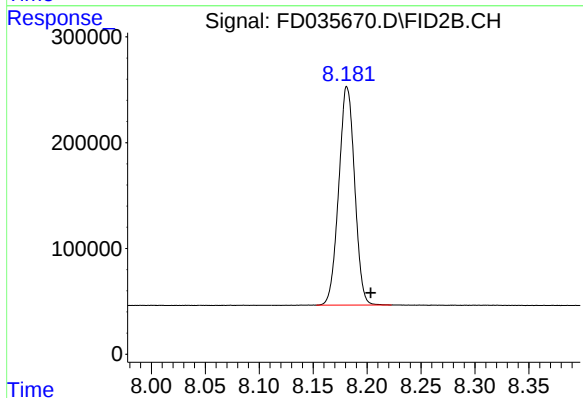
#4 n-Dodecane (C12)

R.T.: 6.393 min
Delta R.T.: -0.021 min
Response: 2113838
Conc: 18.28 ug/ml



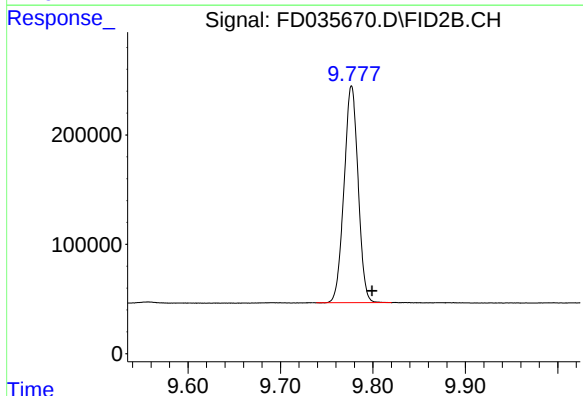
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.019 min
Delta R.T.: -0.017 min
Response: 2304589
Conc: 18.42 ug/ml



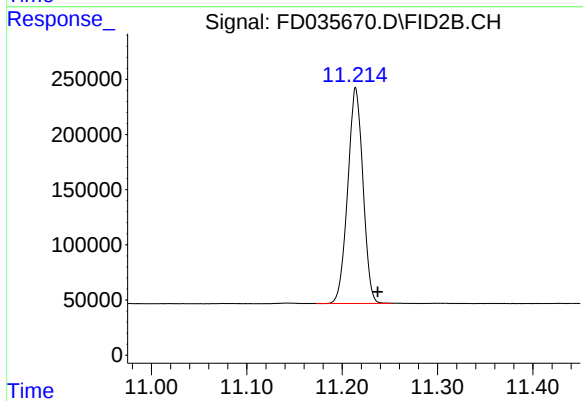
#6 n-Tetradecane (C14)

R.T.: 8.181 min
Delta R.T.: -0.022 min
Response: 2121467
Conc: 18.42 ug/ml



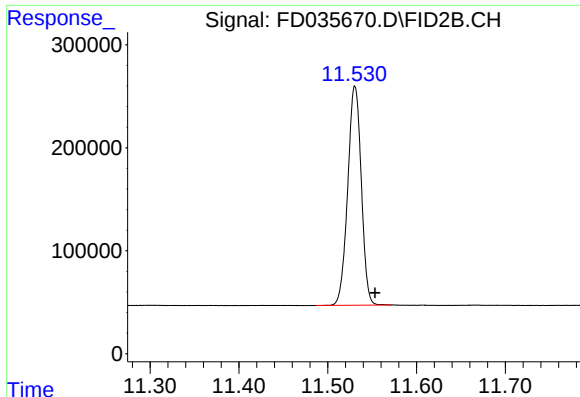
#7 n-Hexadecane (C16)

R.T.: 9.777 min
Delta R.T.: -0.022 min
Response: 2096788
Conc: 18.35 ug/ml



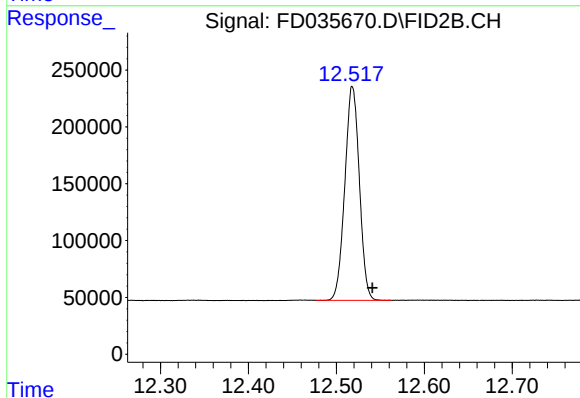
#8 n-Octadecane (C18)

R.T.: 11.214 min
Delta R.T.: -0.023 min
Response: 2172643
Conc: 18.00 ug/ml



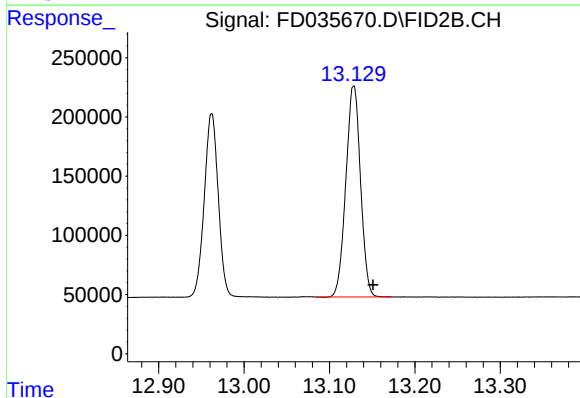
#9 ortho-Terphenyl (SURR)

R.T.: 11.531 min
Delta R.T.: -0.023 min
Response: 2256145
Conc: 17.34 ug/ml



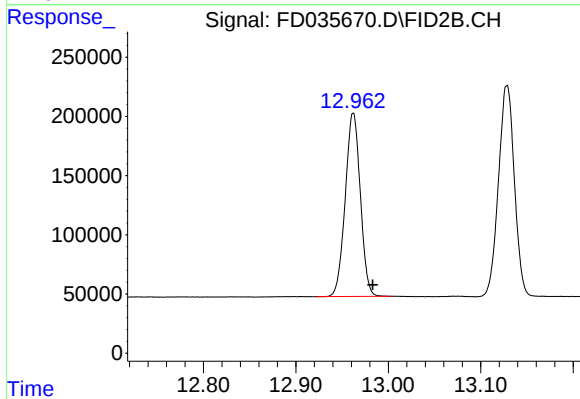
#10 n-Eicosane (C20)

R.T.: 12.518 min
Delta R.T.: -0.023 min
Response: 2161574
Conc: 17.63 ug/ml



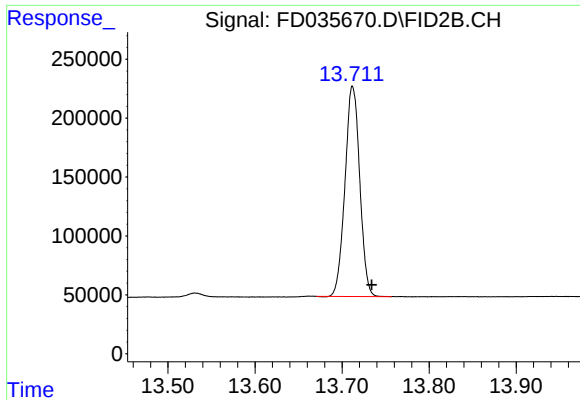
#11 n-Heneicosane (C21)

R.T.: 13.128 min
Delta R.T.: -0.023 min
Response: 2131992
Conc: 17.34 ug/ml



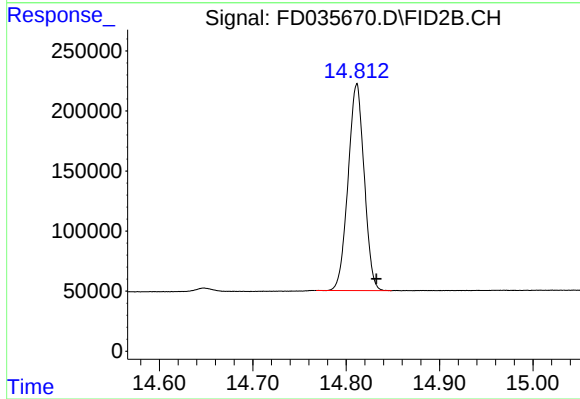
#12 1-chlorooctadecane (SURR)

R.T.: 12.962 min
Delta R.T.: -0.021 min
Response: 1758501
Conc: 16.87 ug/ml



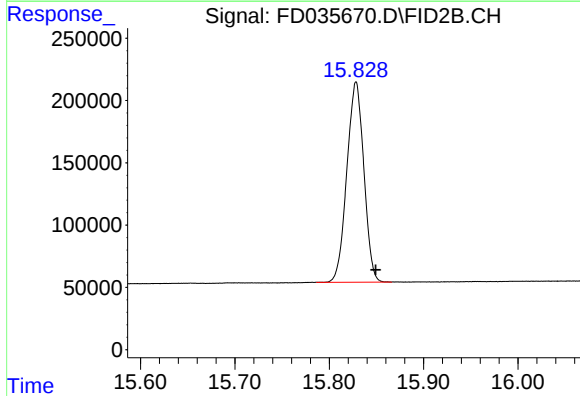
#13 n-Docosane (C22)

R.T.: 13.712 min
Delta R.T.: -0.022 min
Response: 2107326
Conc: 17.09 ug/ml



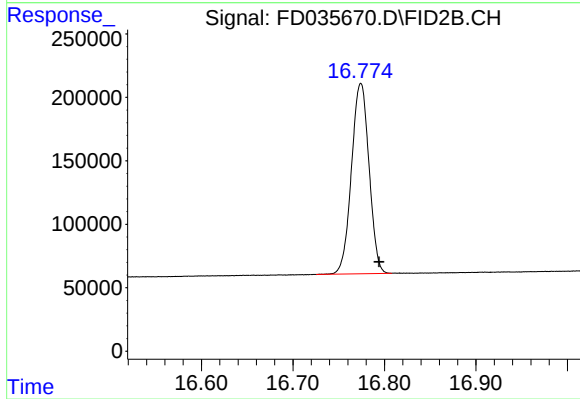
#14 n-Tetracosane (C24)

R.T.: 14.811 min
Delta R.T.: -0.021 min
Response: 2065151
Conc: 16.69 ug/ml



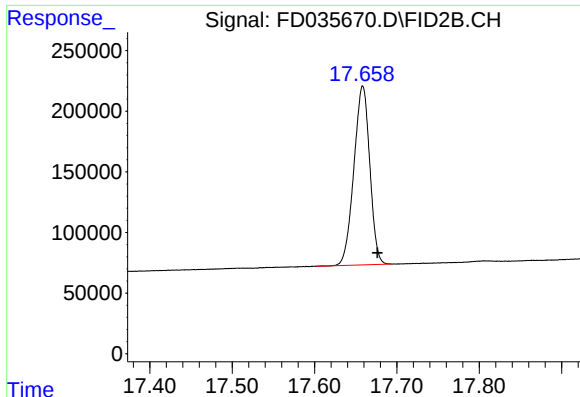
#15 n-Hexacosane (C26)

R.T.: 15.828 min
Delta R.T.: -0.021 min
Response: 2012558
Conc: 16.35 ug/ml



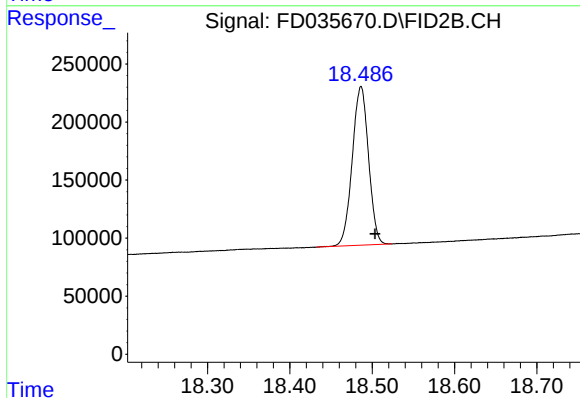
#16 n-Octacosane (C28)

R.T.: 16.774 min
Delta R.T.: -0.020 min
Response: 1997525
Conc: 16.22 ug/ml



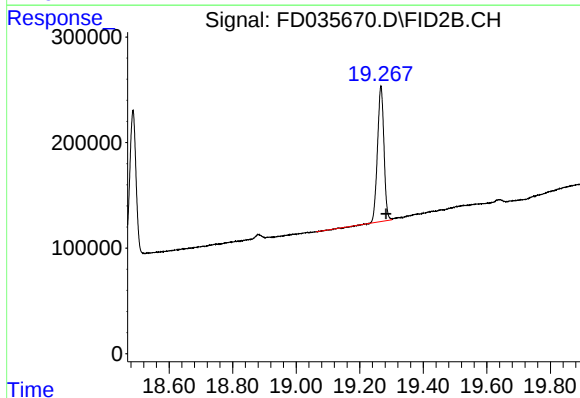
#17 n-Tricontane (C30)

R.T.: 17.659 min
Delta R.T.: -0.018 min
Response: 1975410
Conc: 16.35 ug/ml



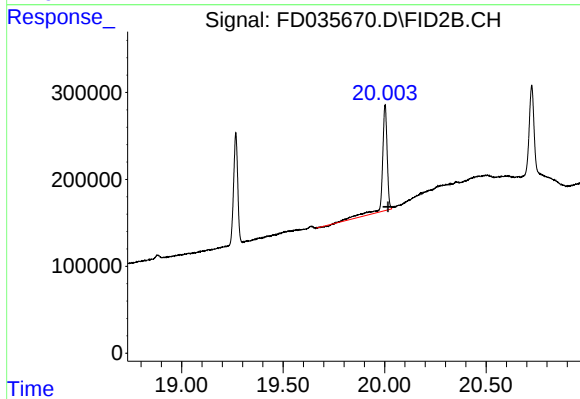
#18 n-Dotriacontane (C32)

R.T.: 18.487 min
Delta R.T.: -0.017 min
Response: 1877971
Conc: 16.70 ug/ml



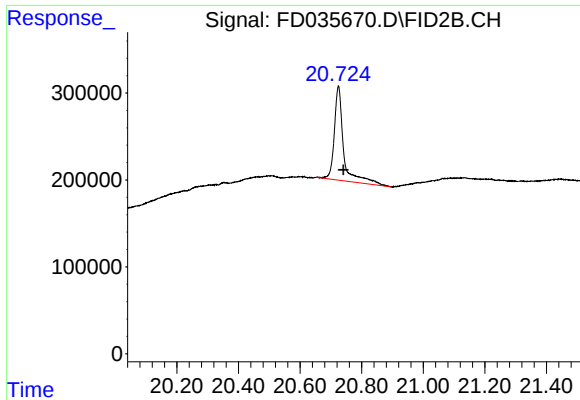
#19 n-Tetratriacontane (C34)

R.T.: 19.267 min
Delta R.T.: -0.017 min
Response: 1798342
Conc: 17.13 ug/ml



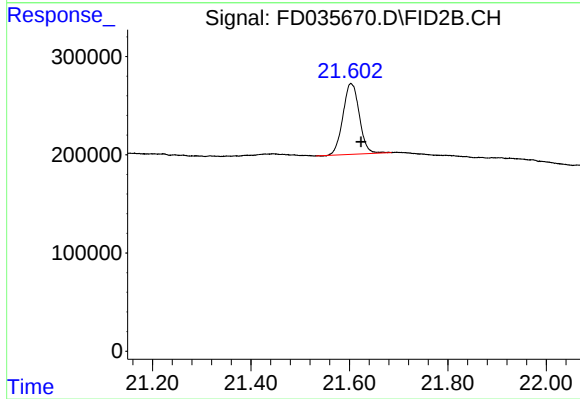
#20 n-Hexatriacontane (C36)

R.T.: 20.002 min
Delta R.T.: -0.015 min
Response: 2047177
Conc: 21.37 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.725 min
Delta R.T.: -0.016 min
Response: 2276859
Conc: 25.63 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.603 min
Delta R.T.: -0.021 min
Response: 1660329
Conc: 18.92 ug/ml