

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE121421AL\
 Data File : FE034614.D
 Signal(s) : FID1B.CH
 Acq On : 15 Dec 2021 2:55
 Operator : AJ\MA
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Dec 15 03:19:21 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 121321.M
 Quant Title : GC Extractables
 QLast Update : Tue Dec 14 05:59:54 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)	11.597f	2419476	19.901 ug/ml
Spiked Amount 50.000		Recovery =	39.80%
12) S 1-chlorooctadecane (S...	13.025f	1900191	19.833 ug/ml
Spiked Amount 50.000		Recovery =	39.67%
Target Compounds			
1) T n-Nonane (C9)	3.365	2147626	19.878 ug/ml
2) T n-Decane (C10)	4.432	2167386	19.927 ug/ml
3) T A~Naphthalene (C11.7)	6.022	2458161	20.037 ug/ml
4) T n-Dodecane (C12)	6.447	2149495	19.895 ug/ml
5) T A~2-methylnaphthalene...	7.074	2468427	20.005 ug/ml
6) T n-Tetradecane (C14)	8.237	2159470	19.850 ug/ml
7) T n-Hexadecane (C16)	9.835	2167643	19.792 ug/ml
8) T n-Octadecane (C18)	11.273f	2228505	19.775 ug/ml
10) T n-Eicosane (C20)	12.580f	2221313	19.796 ug/ml
11) T n-Heneicosane (C21)	13.190f	2246437	19.753 ug/ml
13) T n-Docosane (C22)	13.775f	2232091	19.738 ug/ml
14) T n-Tetracosane (C24)	14.875f	2262809	19.780 ug/ml
15) T n-Hexacosane (C26)	15.893f	2238770	19.849 ug/ml
16) T n-Octacosane (C28)	16.843f	2231262	19.936 ug/ml
17) T n-Tricontane (C30)	17.727f	2210546	19.975 ug/ml
18) T n-Dotriacontane (C32)	18.557f	2132501	20.323 ug/ml
19) T n-Tetratriacontane (C34)	19.339f	2075781	20.607 ug/ml
20) T n-Hexatriacontane (C36)	20.079f	1960508	20.705 ug/ml

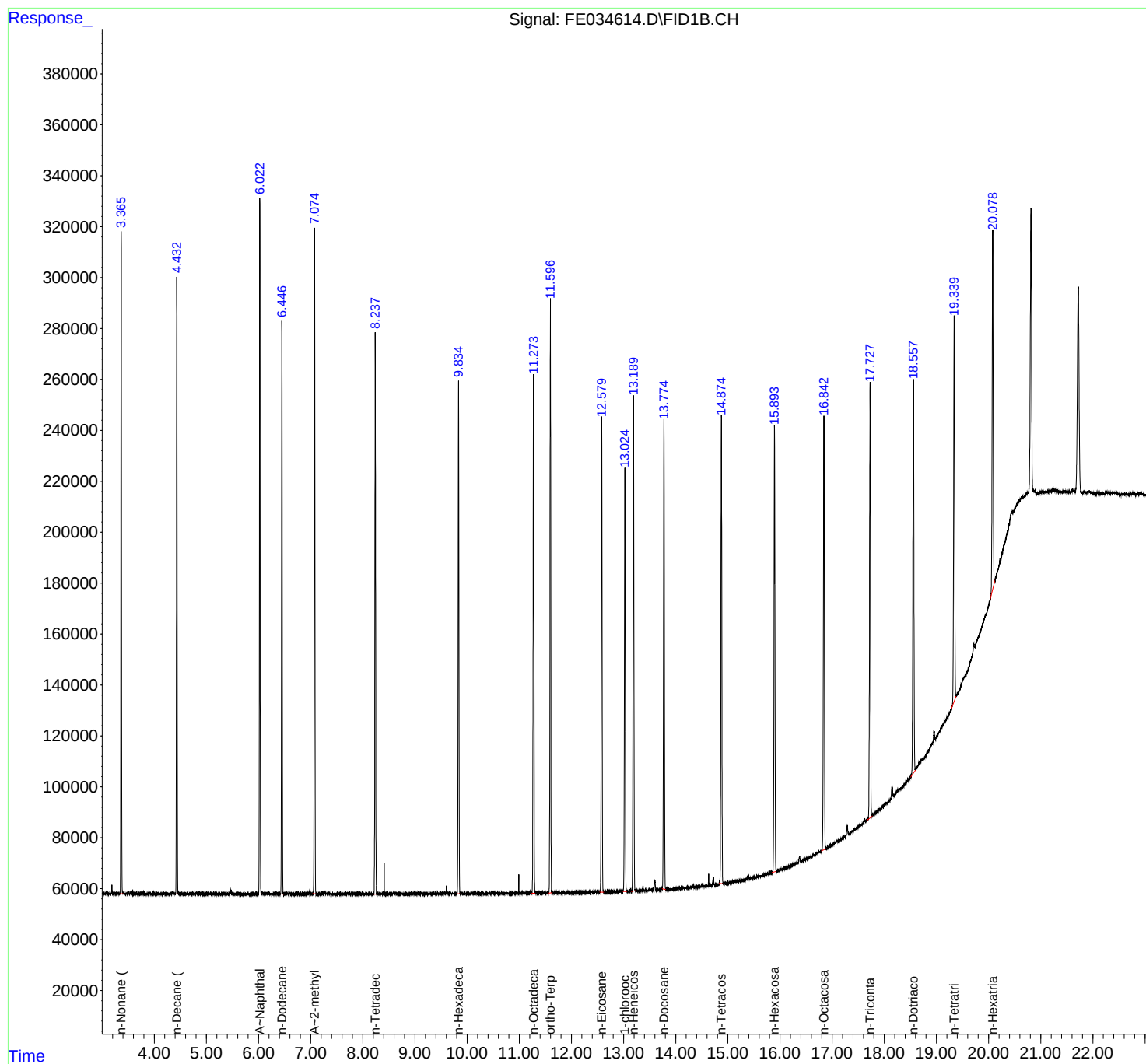
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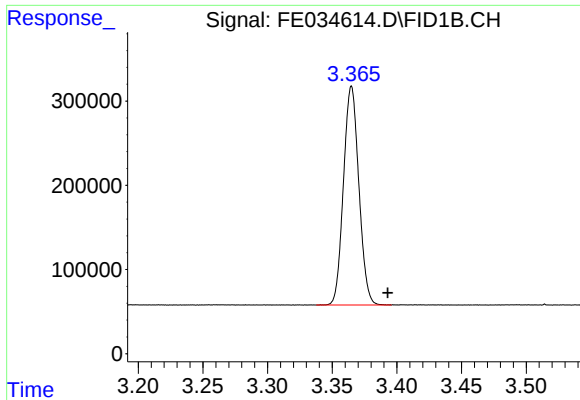
(m)=manual int.

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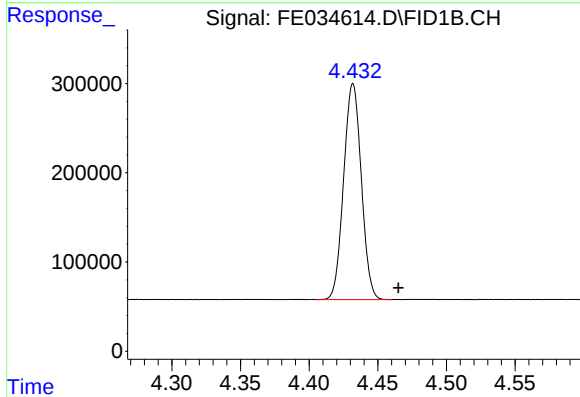
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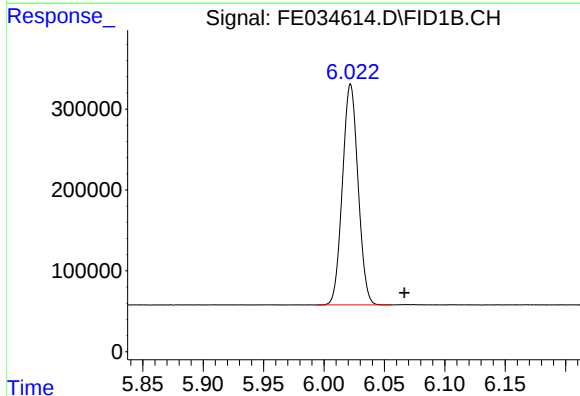
#1 n-Nonane (C9)

R.T.: 3.365 min
Delta R.T.: -0.028 min
Response: 2147626
Conc: 19.88 ug/ml



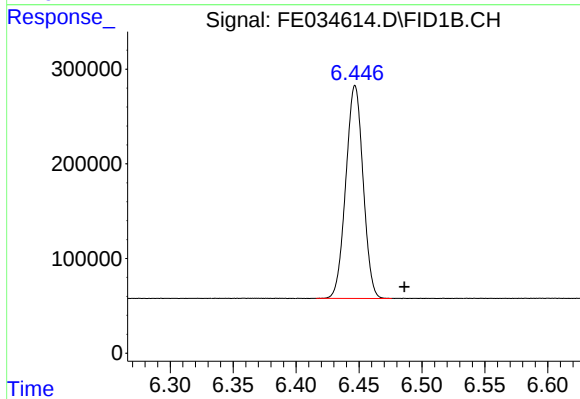
#2 n-Decane (C10)

R.T.: 4.432 min
Delta R.T.: -0.033 min
Response: 2167386
Conc: 19.93 ug/ml



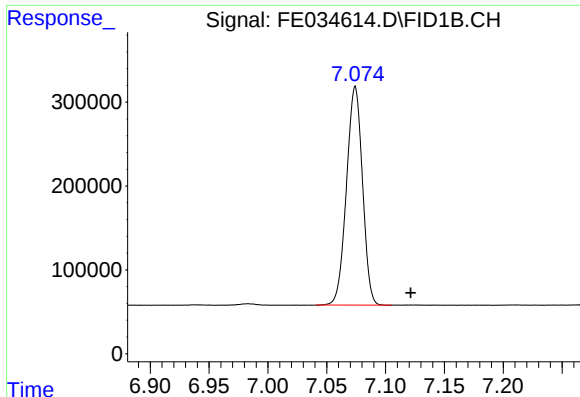
#3 A~Naphthalene (C11.7)

R.T.: 6.022 min
Delta R.T.: -0.044 min
Response: 2458161
Conc: 20.04 ug/ml



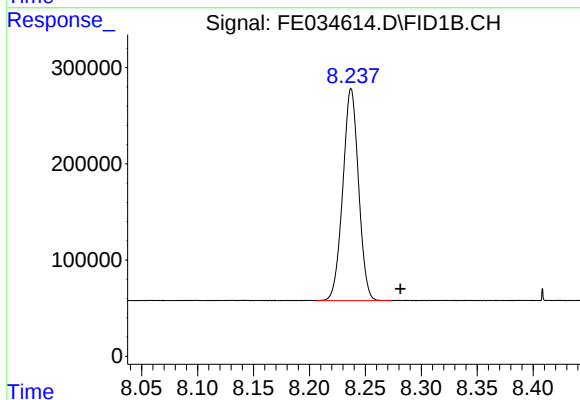
#4 n-Dodecane (C12)

R.T.: 6.447 min
Delta R.T.: -0.039 min
Response: 2149495
Conc: 19.90 ug/ml



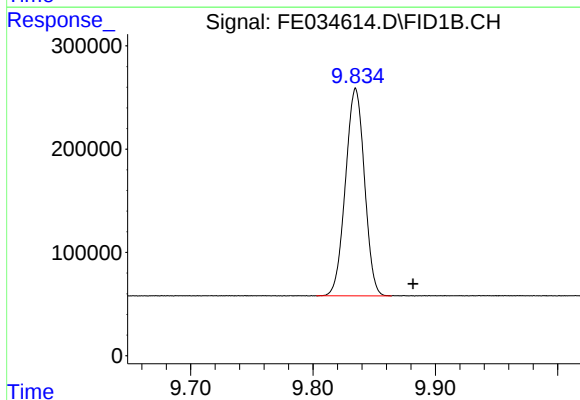
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.074 min
Delta R.T.: -0.047 min
Response: 2468427
Conc: 20.00 ug/ml



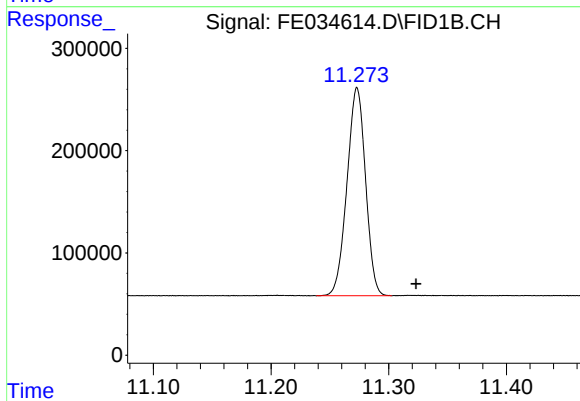
#6 n-Tetradecane (C14)

R.T.: 8.237 min
Delta R.T.: -0.044 min
Response: 2159470
Conc: 19.85 ug/ml



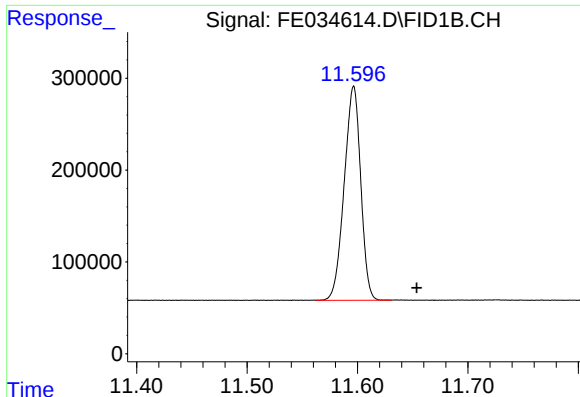
#7 n-Hexadecane (C16)

R.T.: 9.835 min
Delta R.T.: -0.047 min
Response: 2167643
Conc: 19.79 ug/ml



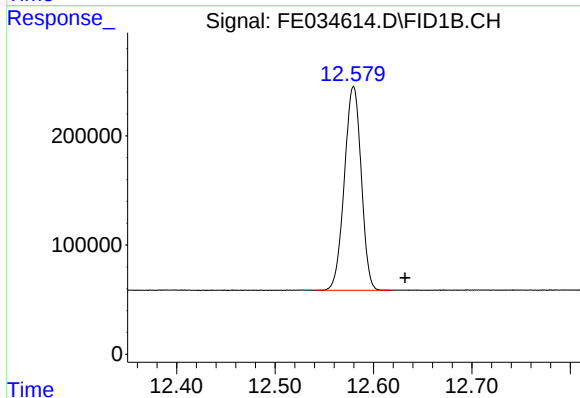
#8 n-Octadecane (C18)

R.T.: 11.273 min
Delta R.T.: -0.050 min
Response: 2228505
Conc: 19.78 ug/ml



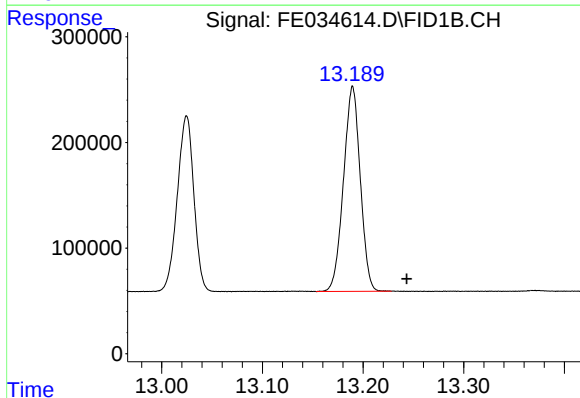
#9 ortho-Terphenyl (SURR)

R.T.: 11.597 min
Delta R.T.: -0.057 min
Response: 2419476
Conc: 19.90 ug/ml



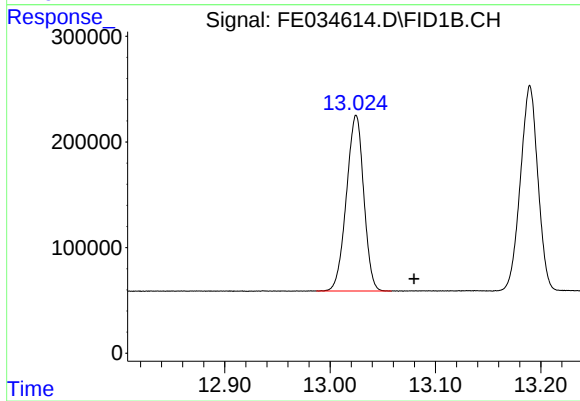
#10 n-Eicosane (C20)

R.T.: 12.580 min
Delta R.T.: -0.053 min
Response: 2221313
Conc: 19.80 ug/ml



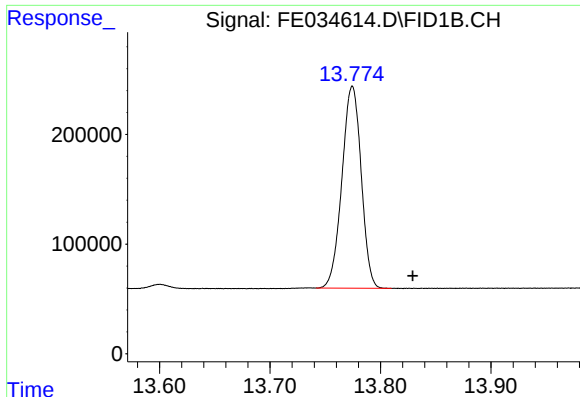
#11 n-Heneicosane (C21)

R.T.: 13.190 min
Delta R.T.: -0.054 min
Response: 2246437
Conc: 19.75 ug/ml



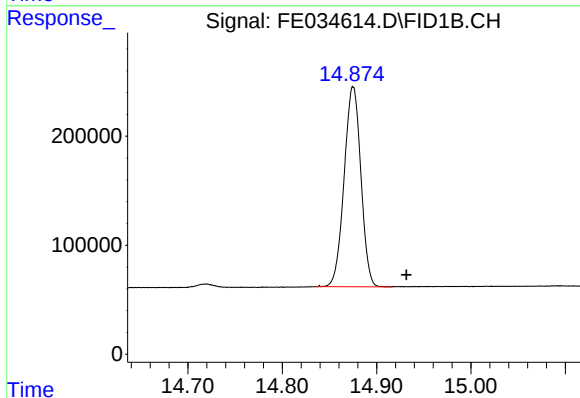
#12 1-chlorooctadecane (SURR)

R.T.: 13.025 min
Delta R.T.: -0.055 min
Response: 1900191
Conc: 19.83 ug/ml



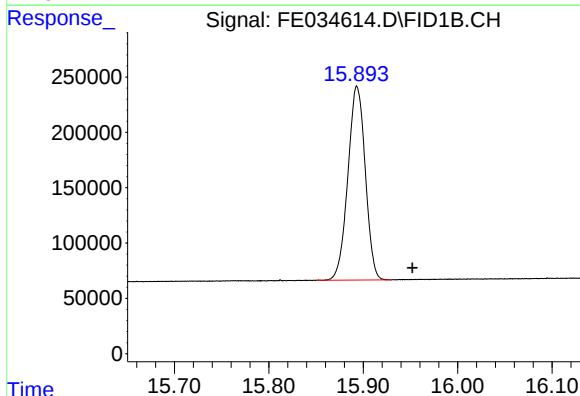
#13 n-Docosane (C22)

R.T.: 13.775 min
Delta R.T.: -0.055 min
Response: 2232091
Conc: 19.74 ug/ml



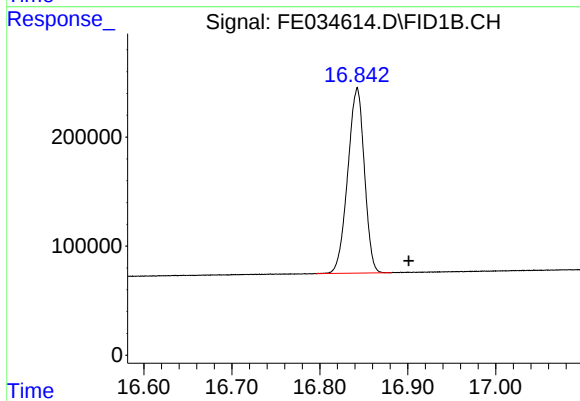
#14 n-Tetracosane (C24)

R.T.: 14.875 min
Delta R.T.: -0.057 min
Response: 2262809
Conc: 19.78 ug/ml



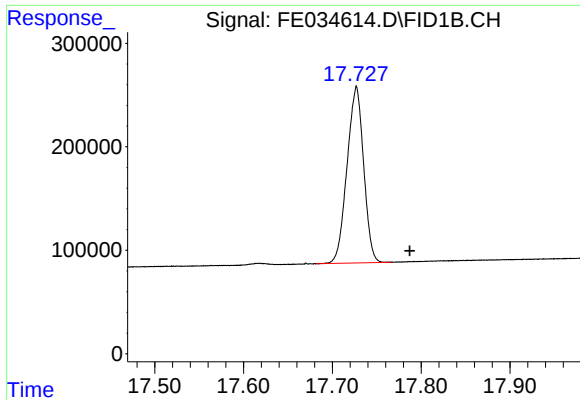
#15 n-Hexacosane (C26)

R.T.: 15.893 min
Delta R.T.: -0.058 min
Response: 2238770
Conc: 19.85 ug/ml



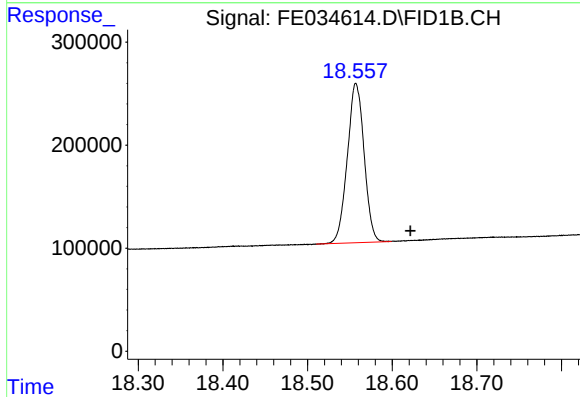
#16 n-Octacosane (C28)

R.T.: 16.843 min
Delta R.T.: -0.058 min
Response: 2231262
Conc: 19.94 ug/ml



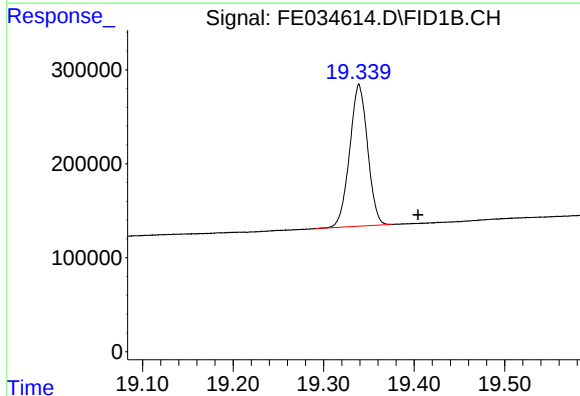
#17 n-Tricontane (C30)

R.T.: 17.727 min
Delta R.T.: -0.060 min
Response: 2210546
Conc: 19.97 ug/ml



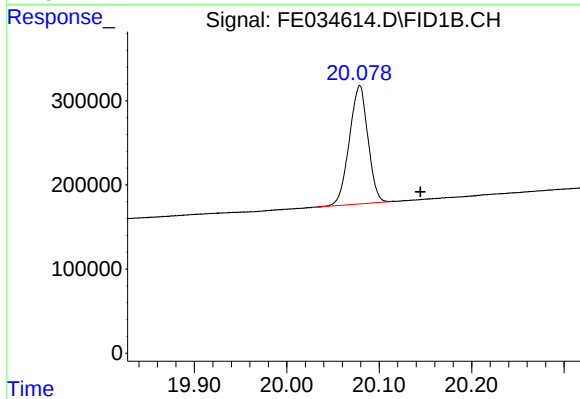
#18 n-Dotriacontane (C32)

R.T.: 18.557 min
Delta R.T.: -0.064 min
Response: 2132501
Conc: 20.32 ug/ml



#19 n-Tetratriacontane (C34)

R.T.: 19.339 min
Delta R.T.: -0.065 min
Response: 2075781
Conc: 20.61 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.079 min
Delta R.T.: -0.066 min
Response: 1960508
Conc: 20.70 ug/ml