

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE122724AL\
 Data File : FE051782.D
 Signal(s) : FID1B.ch
 Acq On : 27 Dec 2024 13:29
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD ICV
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 20 PPM ALIPHATIC HC STD ICV

Integration File: autoint1.e
 Quant Time: Dec 27 14:03:50 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 122724.M
 Quant Title : GC Extractables
 QLast Update : Fri Dec 27 13:22:17 2024
 Response via : Initial Calibration
 Integrator: ChemStation

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)	12.026	2968982	19.602 ug/ml
Spiked Amount 50.000		Recovery =	39.20%
12) S 1-chlorooctadecane (S...	13.448	2278624	19.587 ug/ml
Spiked Amount 50.000		Recovery =	39.17%
Target Compounds			
1) T n-Nonane (C9)	3.484	2262700	19.508 ug/ml
2) T n-Decane (C10)	4.719	2345174	19.490 ug/ml
3) T A~Naphthalene (C11.7)	6.411	2724154	19.599 ug/ml
4) T n-Dodecane (C12)	6.860	2446329	19.471 ug/ml
5) T A~2-methylnaphthalene...	7.495	2687345	19.633 ug/ml
6) T n-Tetradecane (C14)	8.673	2507104	19.497 ug/ml
7) T n-Hexadecane (C16)	10.269	2656304	19.519 ug/ml
8) T n-Octadecane (C18)	11.703	2733745	19.524 ug/ml
10) T n-Eicosane (C20)	13.004	2652047	19.595 ug/ml
11) T n-Heneicosane (C21)	13.613	2608543	19.583 ug/ml
13) T n-Docosane (C22)	14.195	2587940	19.605 ug/ml
14) T n-Tetracosane (C24)	15.291	2545089	19.614 ug/ml
15) T n-Hexacosane (C26)	16.306	2462235	19.605 ug/ml
16) T n-Octacosane (C28)	17.250	2380084	19.715 ug/ml
17) T n-Tricontane (C30)	18.132	2365410	19.654 ug/ml
18) T n-Dotriacontane (C32)	18.961	2259314	19.741 ug/ml
19) T n-Tetratriacontane (C34)	19.739	1987997	19.711 ug/ml
20) T n-Hexatriacontane (C36)	20.474	1763099	19.781 ug/ml
21) T n-Octatriacontane (C38)	21.217	1692665	19.714 ug/ml
22) T n-Tetracontane (C40)	22.154	1711027	19.400 ug/ml

(f)=RT Delta > 1/2 Window

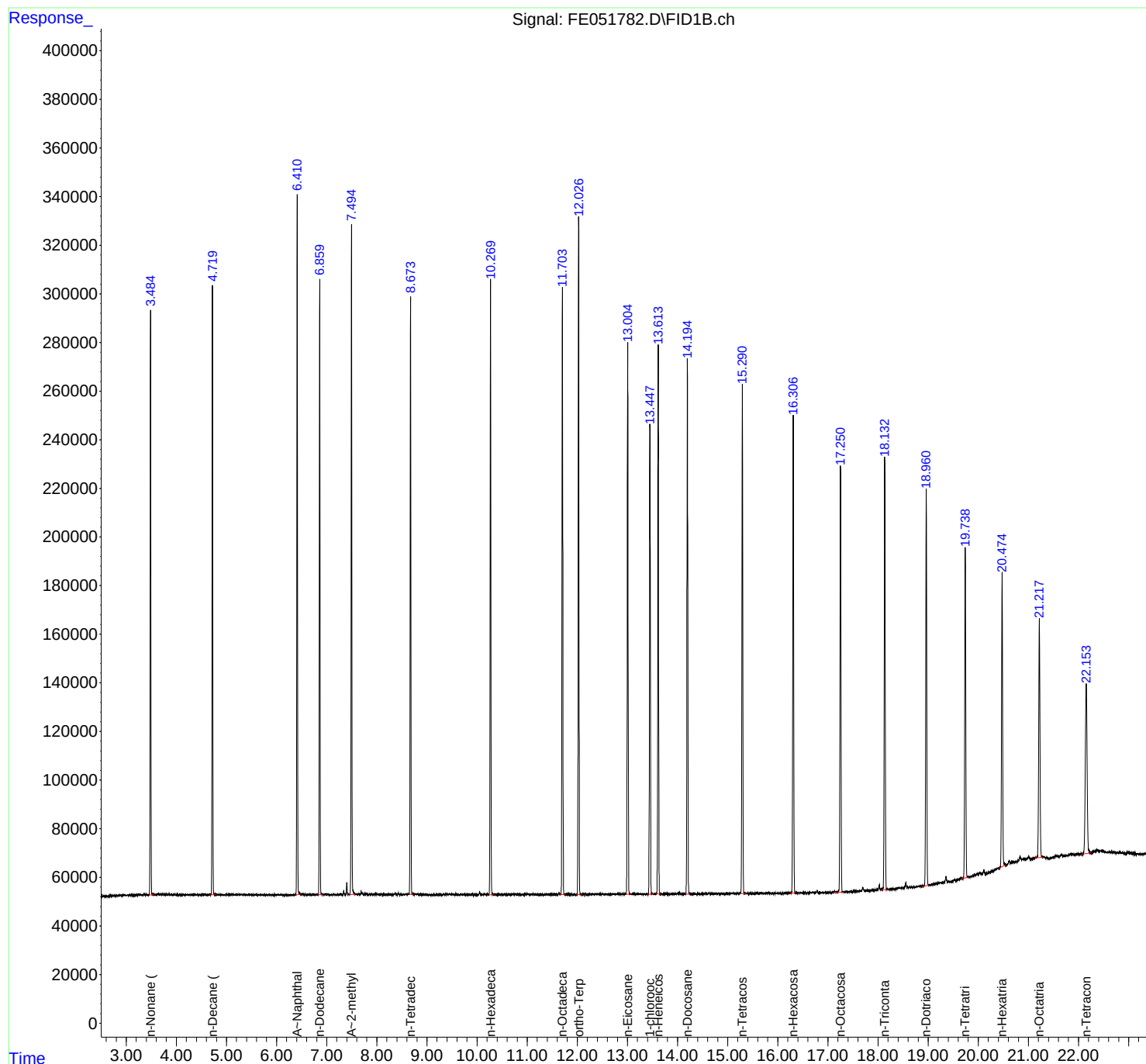
(m)=manual int.

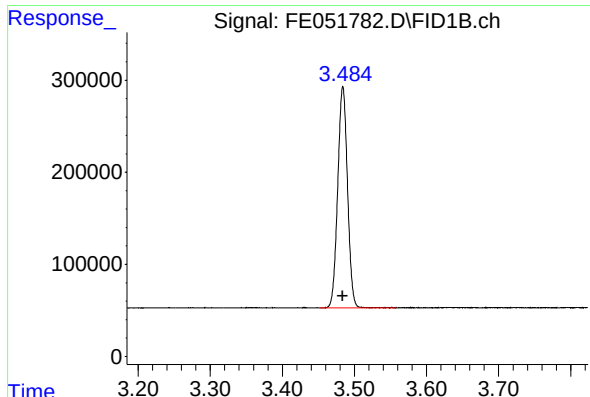
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#1 n-Nonane (C9)

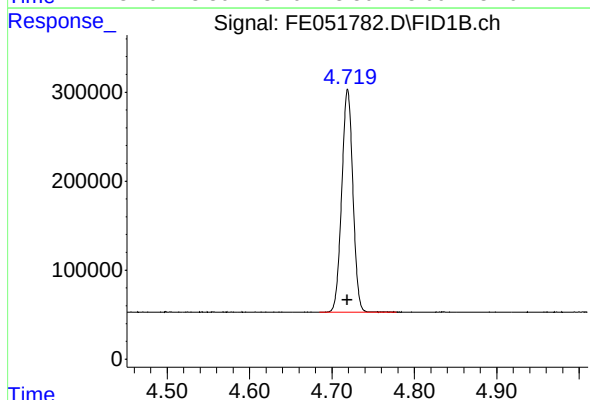
R.T.: 3.484 min
Delta R.T.: 0.000 min
Response: 2262700
Conc: 19.51 ug/ml

Instrument :

FID_E

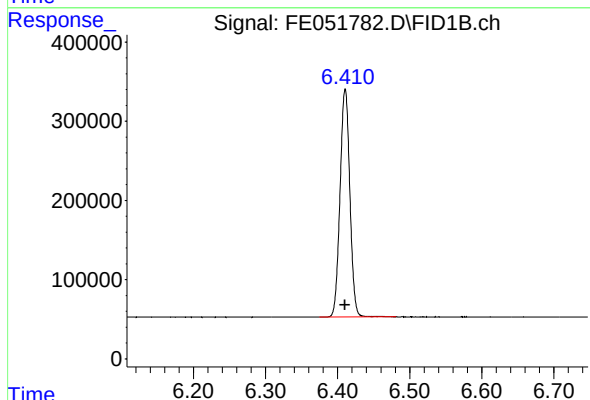
ClientSampleId :

20 PPM ALIPHATIC HC STD ICV



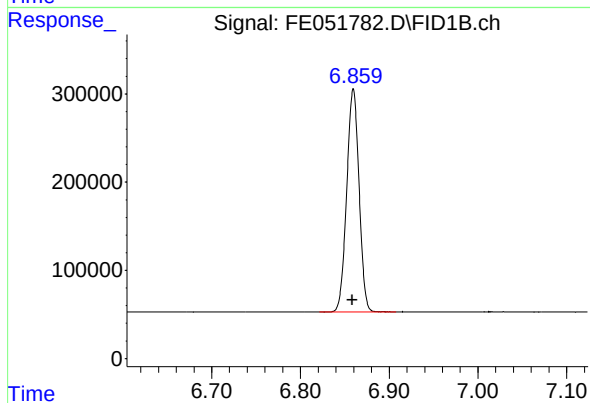
#2 n-Decane (C10)

R.T.: 4.719 min
Delta R.T.: 0.000 min
Response: 2345174
Conc: 19.49 ug/ml



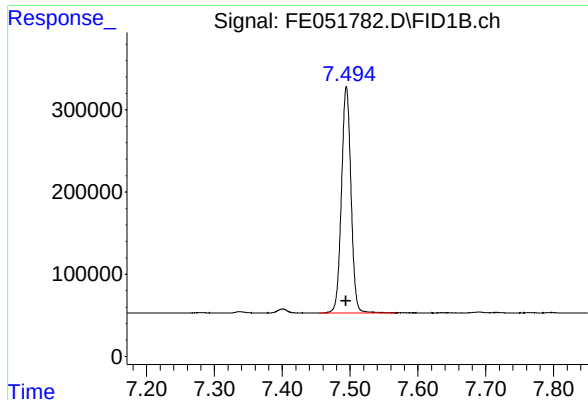
#3 A~Naphthalene (C11.7)

R.T.: 6.411 min
Delta R.T.: 0.000 min
Response: 2724154
Conc: 19.60 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.860 min
Delta R.T.: 0.001 min
Response: 2446329
Conc: 19.47 ug/ml



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

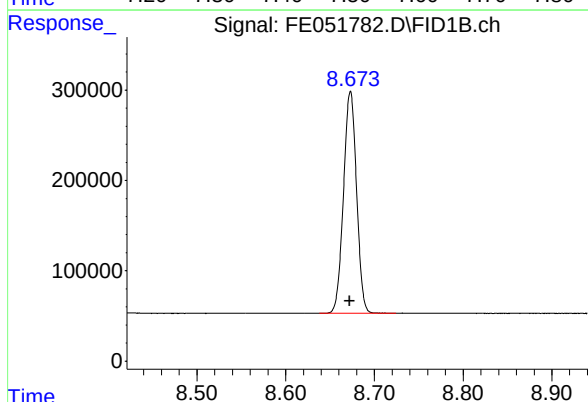
R.T.: 7.495 min
Delta R.T.: 0.000 min
Response: 2687345
Conc: 19.63 ug/ml

Instrument :

FID_E

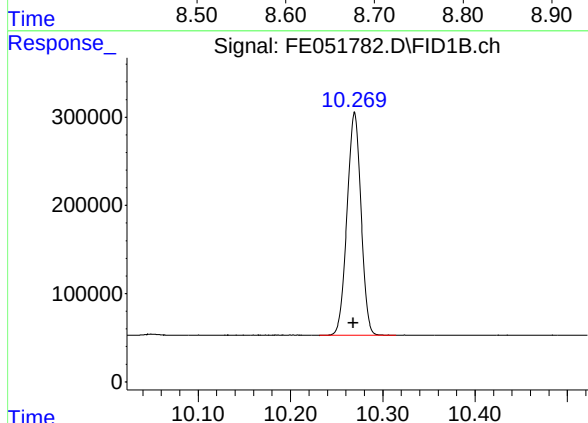
ClientSampleId :

20 PPM ALIPHATIC HC STD ICV



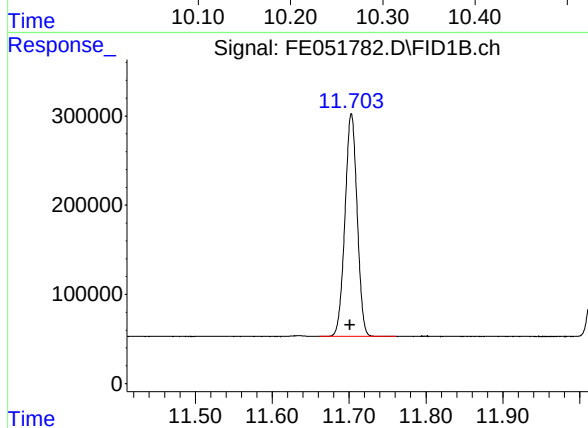
#6 n-Tetradecane (C14)

R.T.: 8.673 min
Delta R.T.: 0.000 min
Response: 2507104
Conc: 19.50 ug/ml



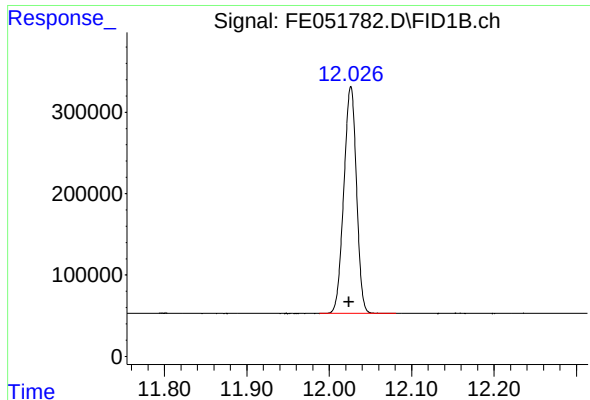
#7 n-Hexadecane (C16)

R.T.: 10.269 min
Delta R.T.: 0.001 min
Response: 2656304
Conc: 19.52 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.703 min
Delta R.T.: 0.002 min
Response: 2733745
Conc: 19.52 ug/ml



#9 ortho-Terphenyl (SURR)

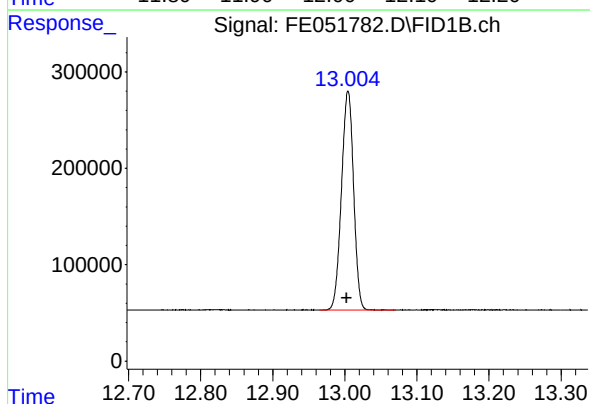
R.T.: 12.026 min
Delta R.T.: 0.002 min
Response: 2968982
Conc: 19.60 ug/ml

Instrument :

FID_E

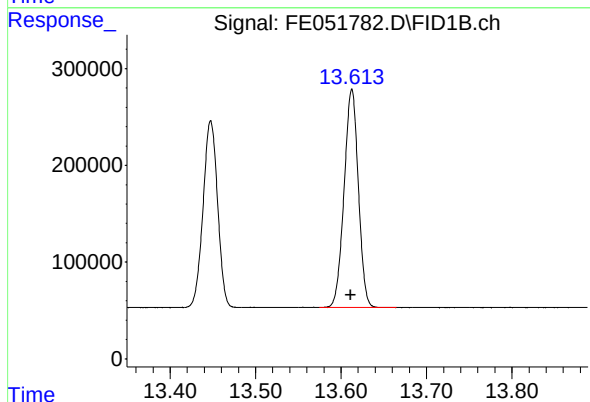
ClientSampleId :

20 PPM ALIPHATIC HC STD ICV



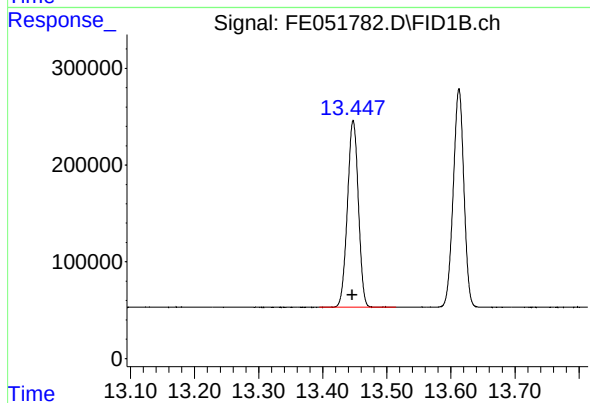
#10 n-Eicosane (C20)

R.T.: 13.004 min
Delta R.T.: 0.002 min
Response: 2652047
Conc: 19.59 ug/ml



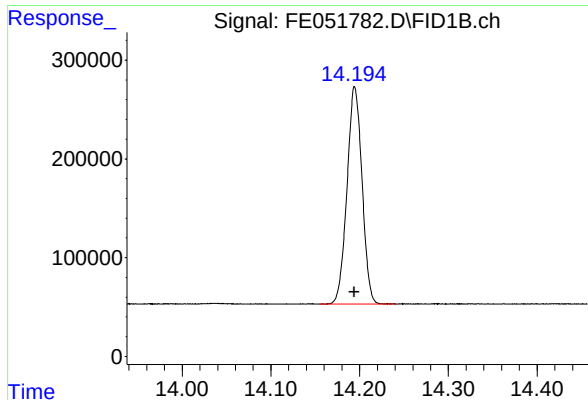
#11 n-Heneicosane (C21)

R.T.: 13.613 min
Delta R.T.: 0.001 min
Response: 2608543
Conc: 19.58 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.448 min
Delta R.T.: 0.001 min
Response: 2278624
Conc: 19.59 ug/ml



#13 n-Docosane (C22)

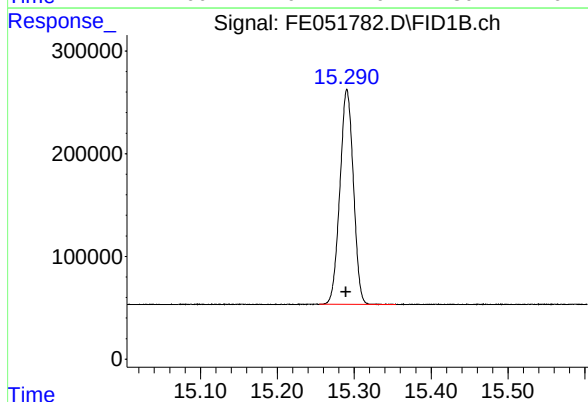
R.T.: 14.195 min
Delta R.T.: 0.000 min
Response: 2587940
Conc: 19.60 ug/ml

Instrument :

FID_E

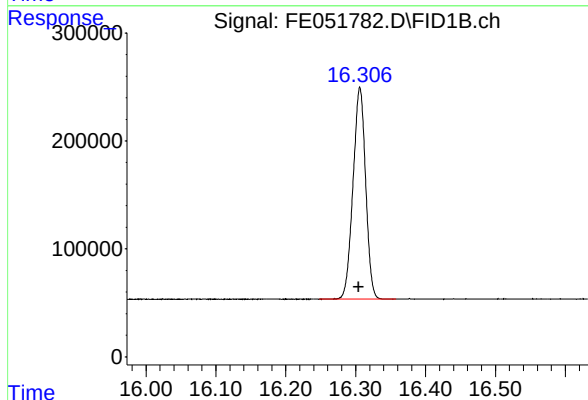
ClientSampleId :

20 PPM ALIPHATIC HC STD ICV



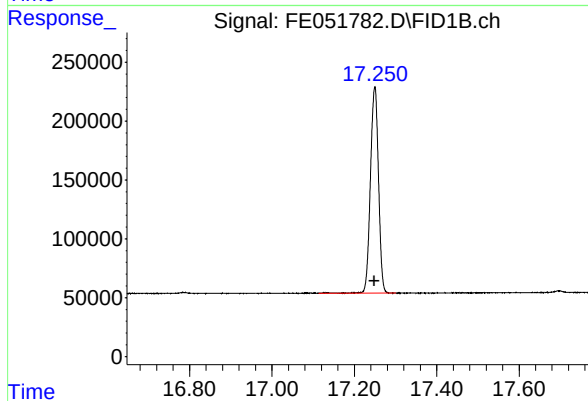
#14 n-Tetracosane (C24)

R.T.: 15.291 min
Delta R.T.: 0.001 min
Response: 2545089
Conc: 19.61 ug/ml



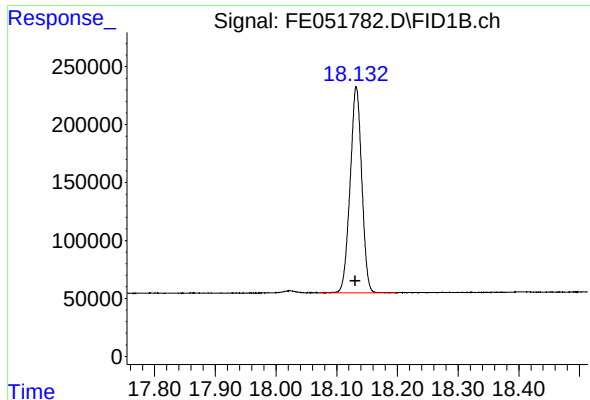
#15 n-Hexacosane (C26)

R.T.: 16.306 min
Delta R.T.: 0.002 min
Response: 2462235
Conc: 19.61 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.250 min
Delta R.T.: 0.000 min
Response: 2380084
Conc: 19.72 ug/ml



#17 n-Tricontane (C30)

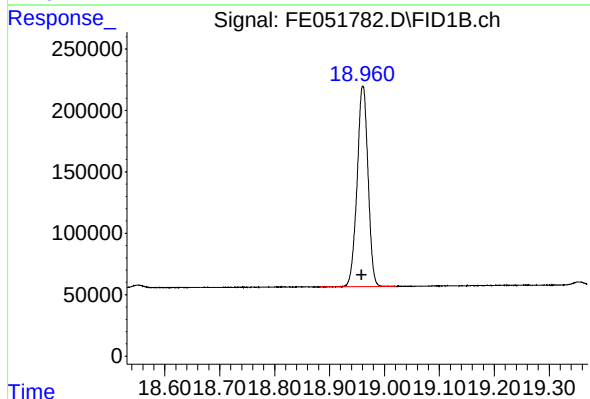
R.T.: 18.132 min
Delta R.T.: 0.002 min
Response: 2365410
Conc: 19.65 ug/ml

Instrument :

FID_E

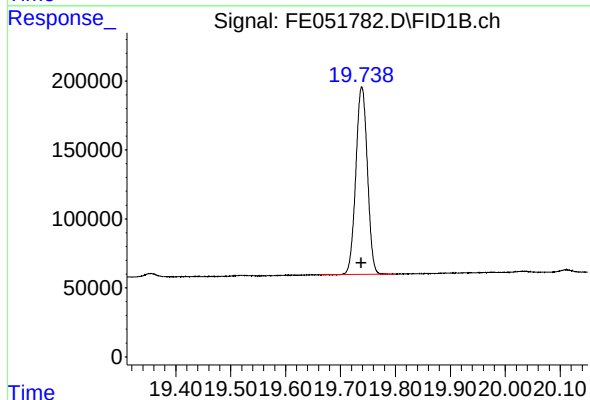
ClientSampleId :

20 PPM ALIPHATIC HC STD ICV



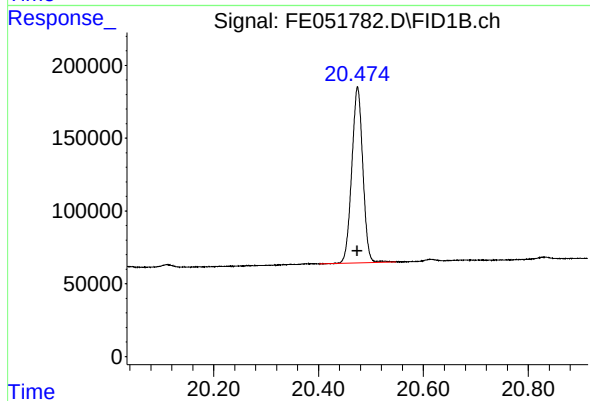
#18 n-Dotriacontane (C32)

R.T.: 18.961 min
Delta R.T.: 0.002 min
Response: 2259314
Conc: 19.74 ug/ml



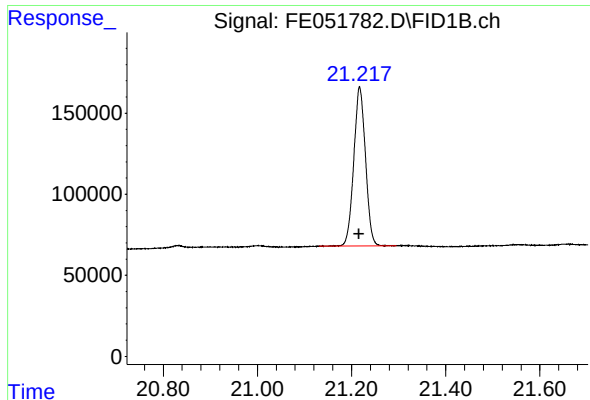
#19 n-Tetatriacontane (C34)

R.T.: 19.739 min
Delta R.T.: 0.000 min
Response: 1987997
Conc: 19.71 ug/ml



#20 n-Hexatriacontane (C36)

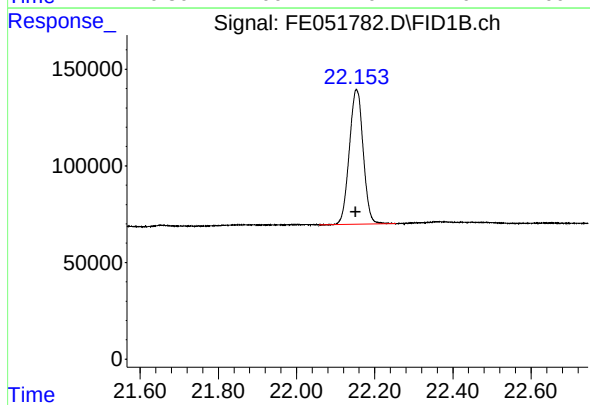
R.T.: 20.474 min
Delta R.T.: 0.000 min
Response: 1763099
Conc: 19.78 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.217 min
Delta R.T.: 0.001 min
Response: 1692665
Conc: 19.71 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.154 min
Delta R.T.: 0.002 min
Response: 1711027
Conc: 19.40 ug/ml