

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE011625AL\
 Data File : FE051939.D
 Signal(s) : FID1B.ch
 Acq On : 16 Jan 2025 16:12
 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: Jan 16 16:33:42 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 011625.M
 Quant Title : GC Extractables
 QLast Update : Thu Jan 16 16:05:07 2025
 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)	12.183	2684843	18.785 ug/ml
Spiked Amount 50.000		Recovery =	37.57%
12) S 1-chlorooctadecane (S...	13.605	2147483	18.720 ug/ml
Spiked Amount 50.000		Recovery =	37.44%
Target Compounds			
1) T n-Nonane (C9)	3.613	2023169	18.977 ug/ml
2) T n-Decane (C10)	4.850	2077238	18.974 ug/ml
3) T A~Naphthalene (C11.7)	6.553	2307662	18.991 ug/ml
4) T n-Dodecane (C12)	6.994	2134334	18.910 ug/ml
5) T A~2-methylnaphthalene...	7.640	2269208	19.008 ug/ml
6) T n-Tetradecane (C14)	8.813	2195885	18.880 ug/ml
7) T n-Hexadecane (C16)	10.414	2369059	18.784 ug/ml
8) T n-Octadecane (C18)	11.852	2479792	18.743 ug/ml
10) T n-Eicosane (C20)	13.159	2451982	18.704 ug/ml
11) T n-Heneicosane (C21)	13.769	2438625	18.735 ug/ml
13) T n-Docosane (C22)	14.354	2455050	18.707 ug/ml
14) T n-Tetracosane (C24)	15.455	2491182	18.755 ug/ml
15) T n-Hexacosane (C26)	16.473	2474604	18.721 ug/ml
16) T n-Octacosane (C28)	17.421	2440386	18.490 ug/ml
17) T n-Tricontane (C30)	18.306	2464193	18.074 ug/ml
18) T n-Dotriacontane (C32)	19.136	2348268	17.918 ug/ml
19) T n-Tetratriacontane (C34)	19.918	2034540	18.071 ug/ml
20) T n-Hexatriacontane (C36)	20.655	1738778	18.306 ug/ml
21) T n-Octatriacontane (C38)	21.448	1619256	18.745 ug/ml
22) T n-Tetracontane (C40)	22.458	1538238	18.666 ug/ml

(f)=RT Delta > 1/2 Window

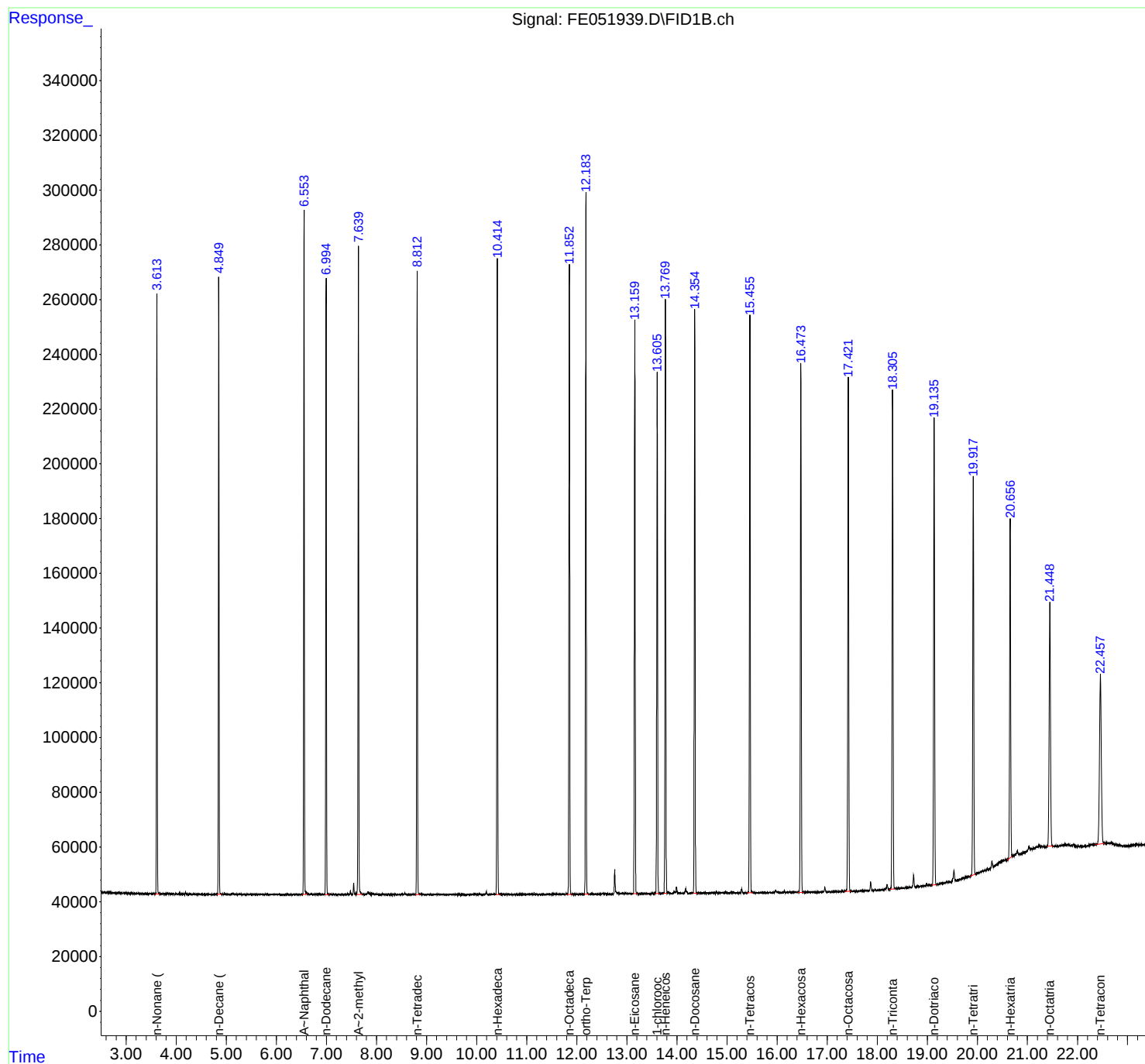
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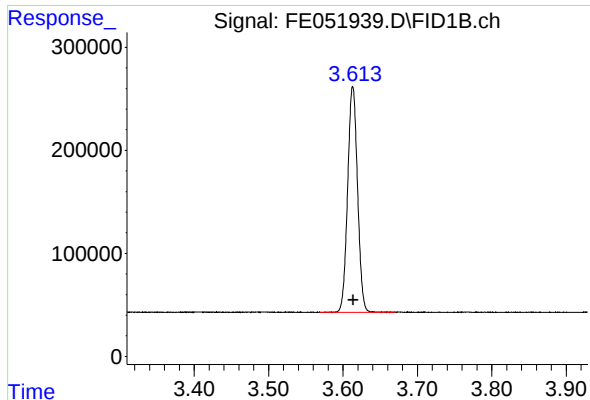
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE011625AL\
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#1 n-Nonane (C9)

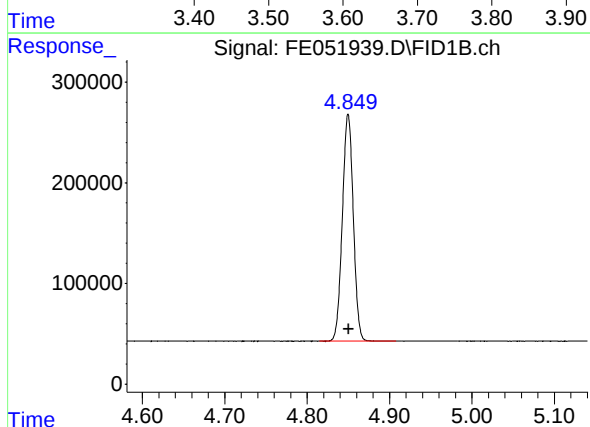
R.T.: 3.613 min
Delta R.T.: 0.000 min
Response: 2023169
Conc: 18.98 ug/ml

Instrument :

FID_E

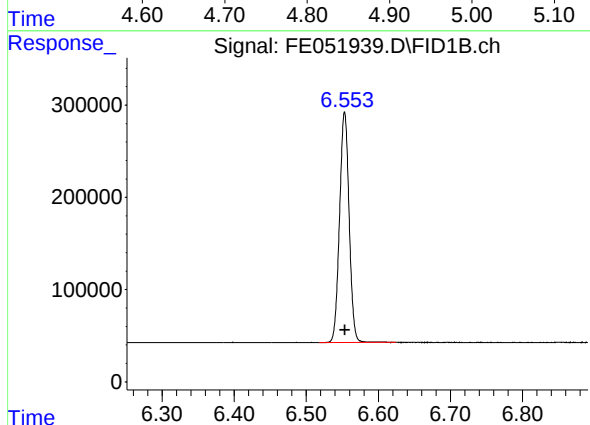
ClientSampleId :

20 PPM ALIPHATIC HC STD ICV



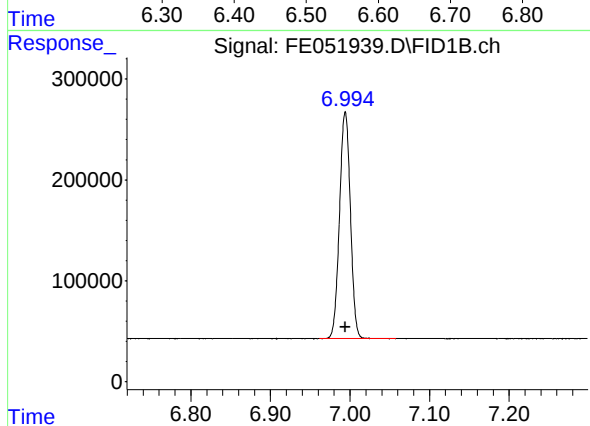
#2 n-Decane (C10)

R.T.: 4.850 min
Delta R.T.: 0.000 min
Response: 2077238
Conc: 18.97 ug/ml



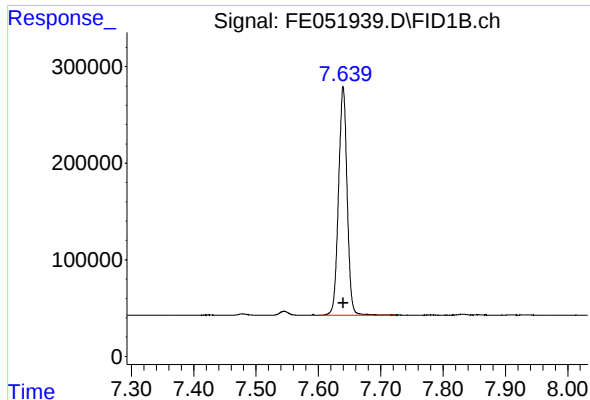
#3 A~Naphthalene (C11.7)

R.T.: 6.553 min
Delta R.T.: 0.000 min
Response: 2307662
Conc: 18.99 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.994 min
Delta R.T.: 0.000 min
Response: 2134334
Conc: 18.91 ug/ml



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

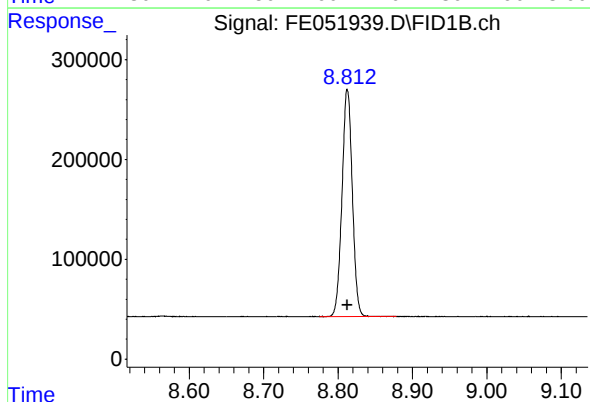
R.T.: 7.640 min
Delta R.T.: 0.000 min
Response: 2269208
Conc: 19.01 ug/ml

Instrument :

FID_E

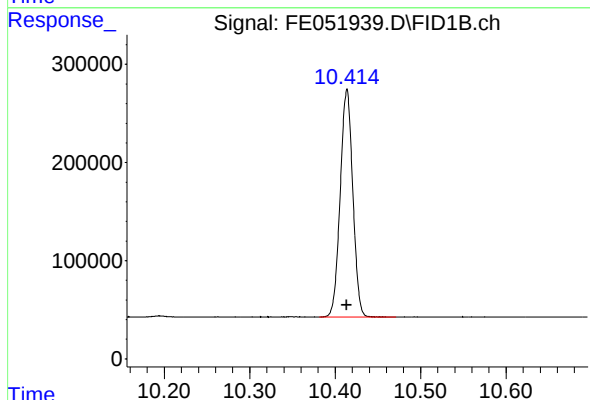
ClientSampleId :

20 PPM ALIPHATIC HC STD ICV



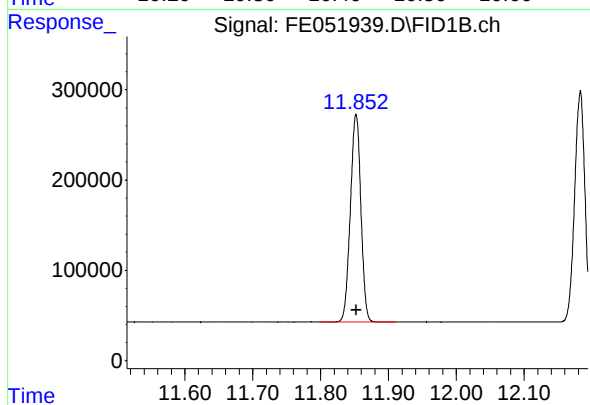
#6 n-Tetradecane (C14)

R.T.: 8.813 min
Delta R.T.: 0.000 min
Response: 2195885
Conc: 18.88 ug/ml



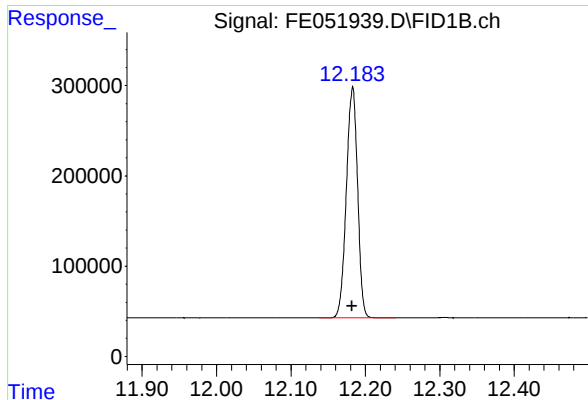
#7 n-Hexadecane (C16)

R.T.: 10.414 min
Delta R.T.: 0.000 min
Response: 2369059
Conc: 18.78 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.852 min
Delta R.T.: 0.000 min
Response: 2479792
Conc: 18.74 ug/ml



#9 ortho-Terphenyl (SURR)

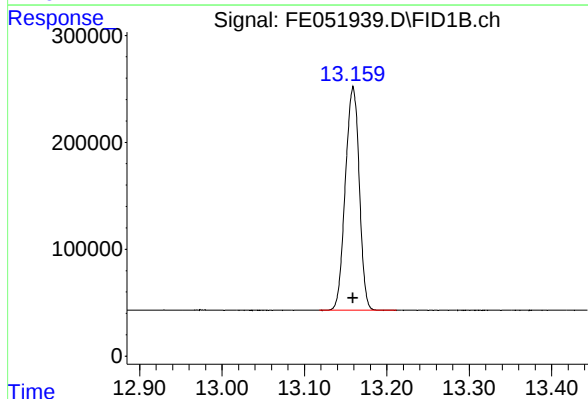
R.T.: 12.183 min
Delta R.T.: 0.000 min
Response: 2684843
Conc: 18.78 ug/ml

Instrument :

FID_E

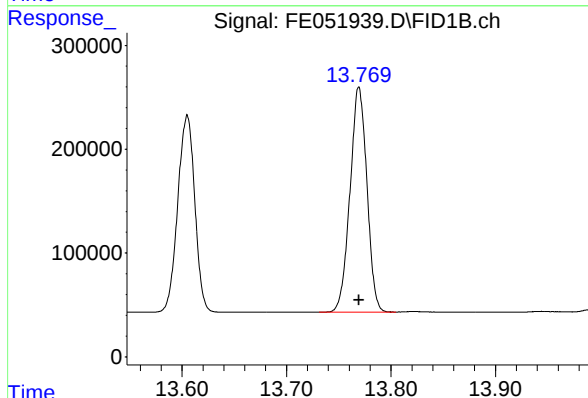
ClientSampleId :

20 PPM ALIPHATIC HC STD ICV



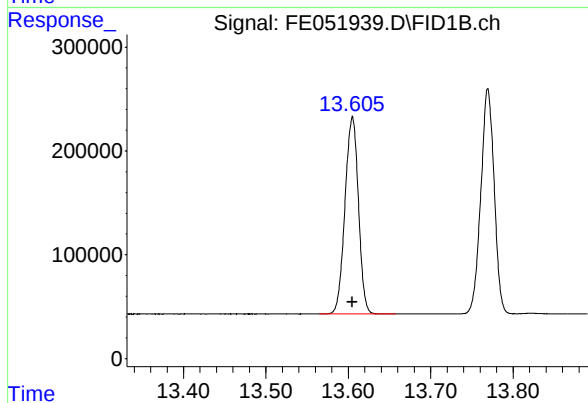
#10 n-Eicosane (C20)

R.T.: 13.159 min
Delta R.T.: 0.000 min
Response: 2451982
Conc: 18.70 ug/ml



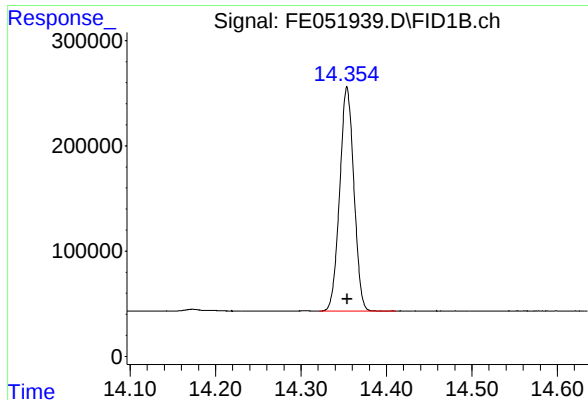
#11 n-Heneicosane (C21)

R.T.: 13.769 min
Delta R.T.: 0.000 min
Response: 2438625
Conc: 18.74 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.605 min
Delta R.T.: 0.000 min
Response: 2147483
Conc: 18.72 ug/ml



#13 n-Docosane (C22)

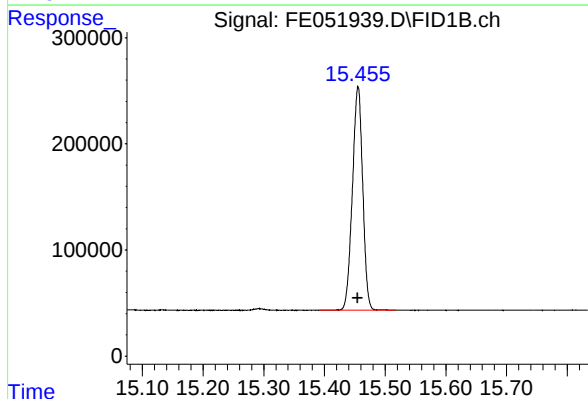
R.T.: 14.354 min
Delta R.T.: 0.000 min
Response: 2455050
Conc: 18.71 ug/ml

Instrument :

FID_E

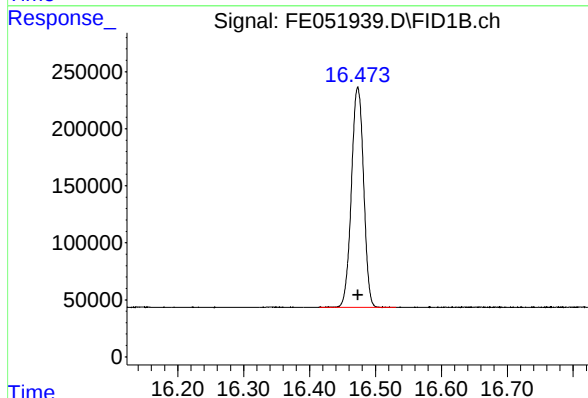
ClientSampleId :

20 PPM ALIPHATIC HC STD ICV



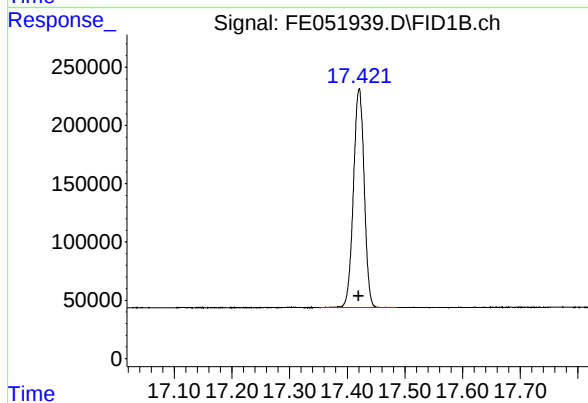
#14 n-Tetracosane (C24)

R.T.: 15.455 min
Delta R.T.: 0.000 min
Response: 2491182
Conc: 18.75 ug/ml



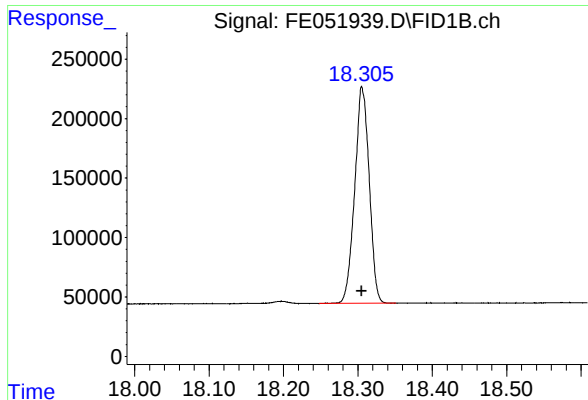
#15 n-Hexacosane (C26)

R.T.: 16.473 min
Delta R.T.: 0.000 min
Response: 2474604
Conc: 18.72 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.421 min
Delta R.T.: 0.000 min
Response: 2440386
Conc: 18.49 ug/ml



#17 n-Tricontane (C30)

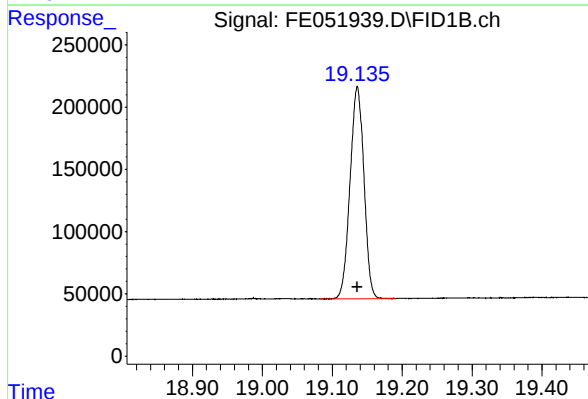
R.T.: 18.306 min
Delta R.T.: 0.000 min
Response: 2464193
Conc: 18.07 ug/ml

Instrument :

FID_E

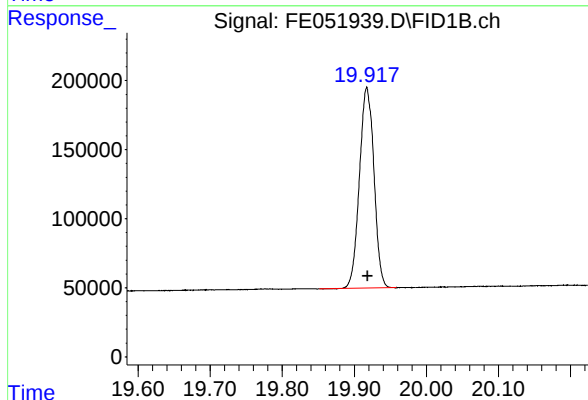
ClientSampleId :

20 PPM ALIPHATIC HC STD ICV



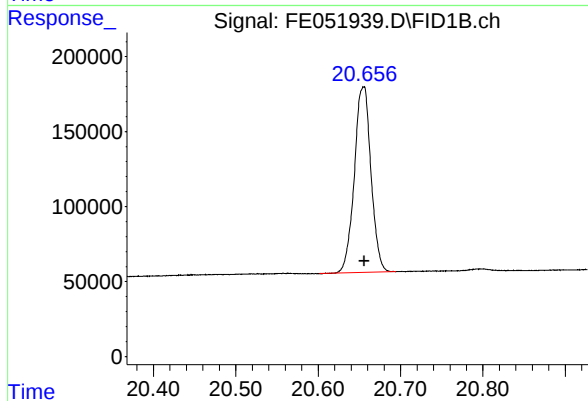
#18 n-Dotriacontane (C32)

R.T.: 19.136 min
Delta R.T.: 0.000 min
Response: 2348268
Conc: 17.92 ug/ml



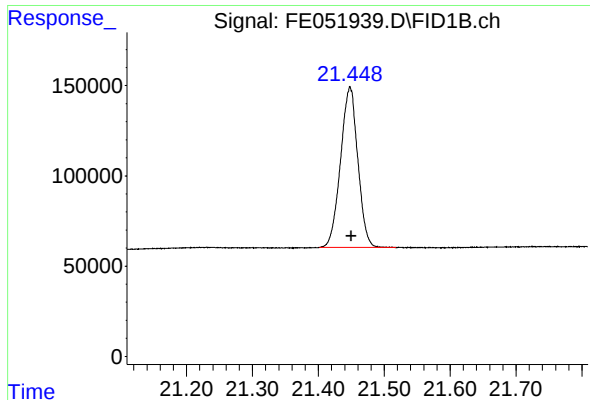
#19 n-Tetratriacontane (C34)

R.T.: 19.918 min
Delta R.T.: 0.000 min
Response: 2034540
Conc: 18.07 ug/ml



#20 n-Hexatriacontane (C36)

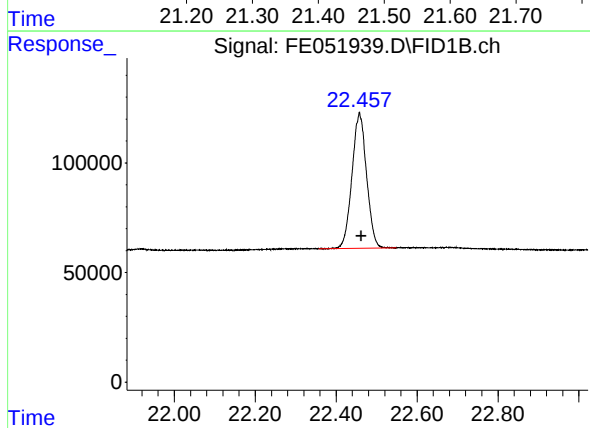
R.T.: 20.655 min
Delta R.T.: -0.001 min
Response: 1738778
Conc: 18.31 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.448 min
Delta R.T.: -0.002 min
Response: 1619256
Conc: 18.75 ug/ml

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20 PPM ALIPHATIC HC STD ICV



#22 n-Tetracontane (C40)

R.T.: 22.458 min
Delta R.T.: -0.004 min
Response: 1538238
Conc: 18.67 ug/ml