

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE010225AL\
 Data File : FE051834.D
 Signal(s) : FID1B.ch
 Acq On : 02 Jan 2025 20:55
 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 03 03:51:16 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 010225.M
 Quant Title : GC Extractables
 QLast Update : Fri Jan 03 01:16:25 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)	12.115	2743961	18.930 ug/ml
Spiked Amount 50.000		Recovery =	37.86%
12) S 1-chlorooctadecane (S...	13.545	2170416	18.888 ug/ml
Spiked Amount 50.000		Recovery =	37.78%
Target Compounds			
1) T n-Nonane (C9)	3.522	2100534	19.017 ug/ml
2) T n-Decane (C10)	4.764	2162569	19.004 ug/ml
3) T A~Naphthalene (C11.7)	6.468	2425795	19.020 ug/ml
4) T n-Dodecane (C12)	6.917	2231431	19.001 ug/ml
5) T A~2-methylnaphthalene...	7.557	2387665	19.077 ug/ml
6) T n-Tetradecane (C14)	8.741	2274593	18.971 ug/ml
7) T n-Hexadecane (C16)	10.347	2424346	18.944 ug/ml
8) T n-Octadecane (C18)	11.790	2514076	18.893 ug/ml
10) T n-Eicosane (C20)	13.098	2482379	18.866 ug/ml
11) T n-Heneicosane (C21)	13.711	2474329	18.827 ug/ml
13) T n-Docosane (C22)	14.297	2479895	18.903 ug/ml
14) T n-Tetracosane (C24)	15.400	2500589	18.878 ug/ml
15) T n-Hexacosane (C26)	16.421	2473293	18.850 ug/ml
16) T n-Octacosane (C28)	17.371	2416405	18.715 ug/ml
17) T n-Tricontane (C30)	18.257	2413147	18.356 ug/ml
18) T n-Dotriacontane (C32)	19.090	2285838	18.012 ug/ml
19) T n-Tetratriacontane (C34)	19.874	1989043	17.902 ug/ml
20) T n-Hexatriacontane (C36)	20.613	1719309	17.427 ug/ml
21) T n-Octatriacontane (C38)	21.395	1633924	17.367 ug/ml
22) T n-Tetracontane (C40)	22.389	1647626	17.899 ug/ml

(f)=RT Delta > 1/2 Window

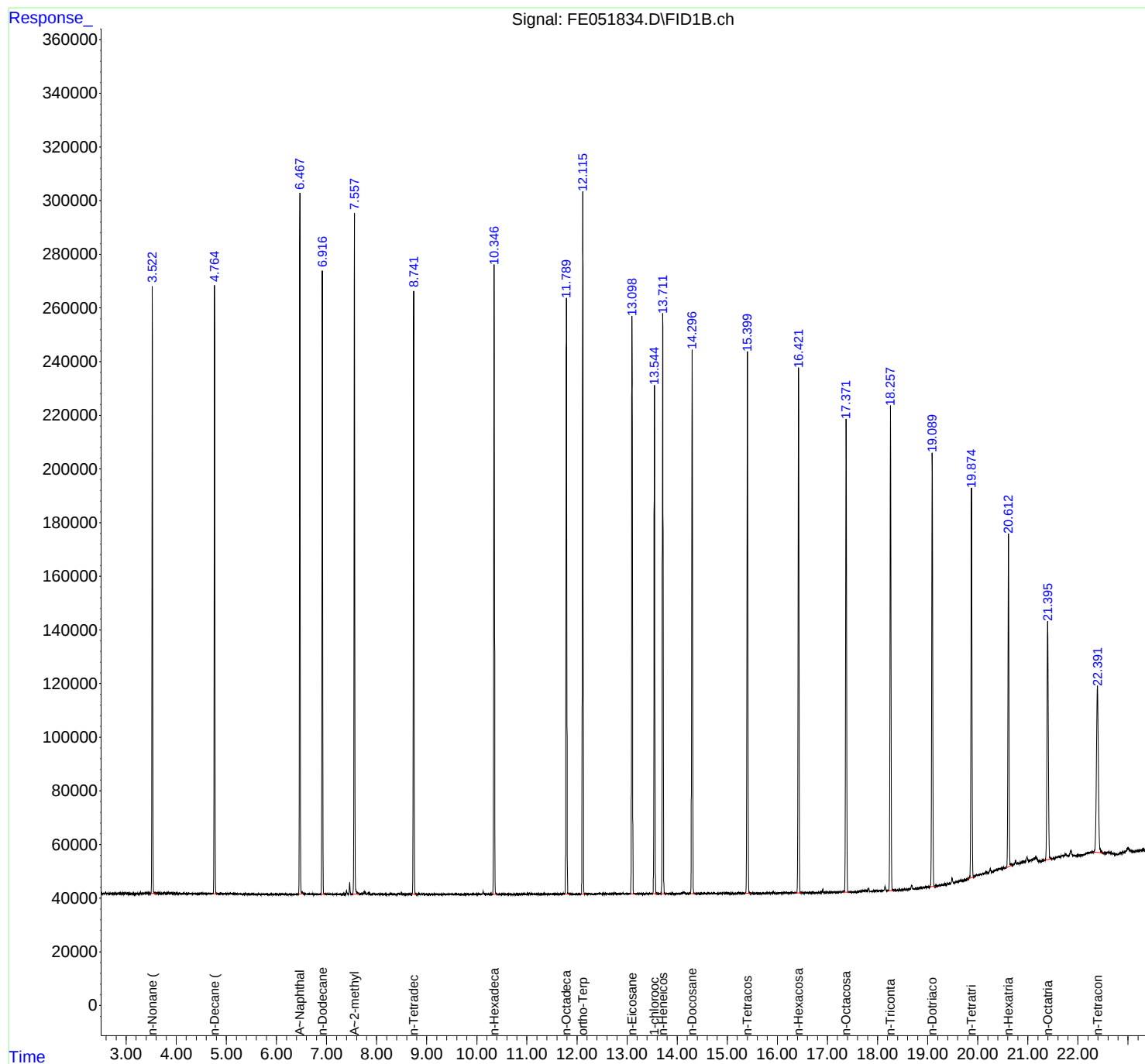
(m)=manual int.

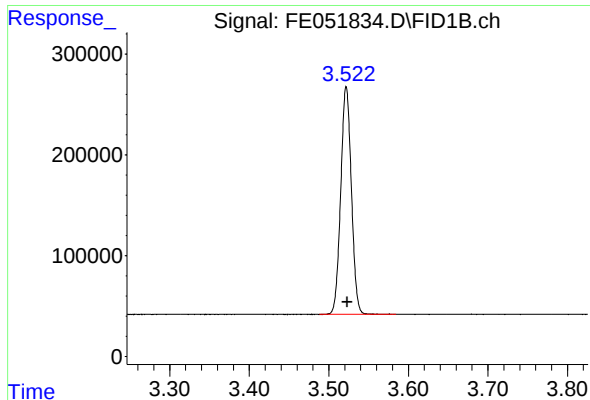
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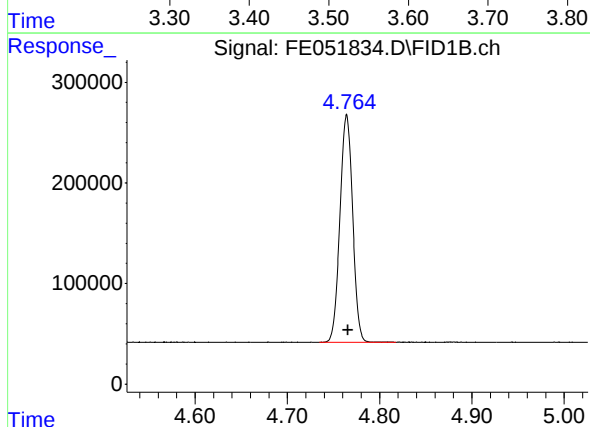




#1 n-Nonane (C9)

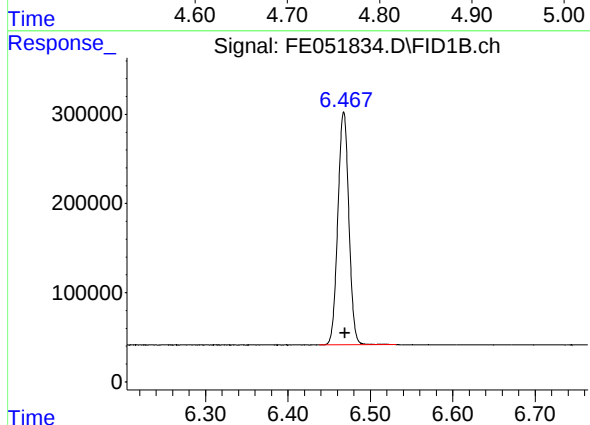
R.T.: 3.522 min
Delta R.T.: -0.001 min
Response: 2100534
Conc: 19.02 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD ICV



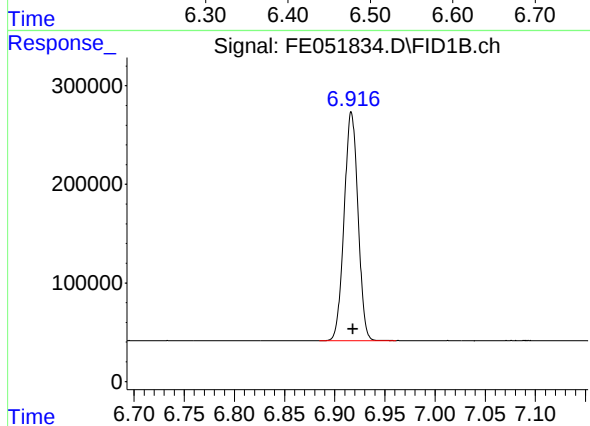
#2 n-Decane (C10)

R.T.: 4.764 min
Delta R.T.: -0.001 min
Response: 2162569
Conc: 19.00 ug/ml



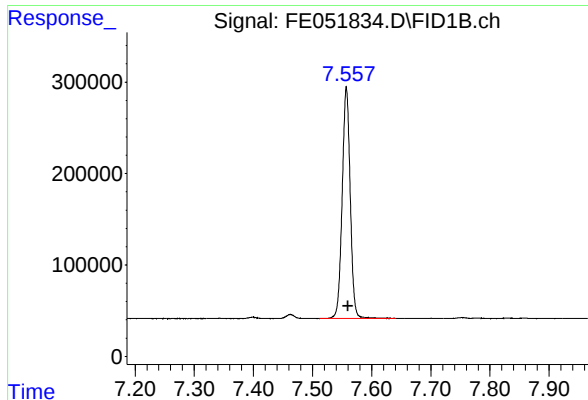
#3 A~Naphthalene (C11.7)

R.T.: 6.468 min
Delta R.T.: -0.002 min
Response: 2425795
Conc: 19.02 ug/ml



#4 n-Dodecane (C12)

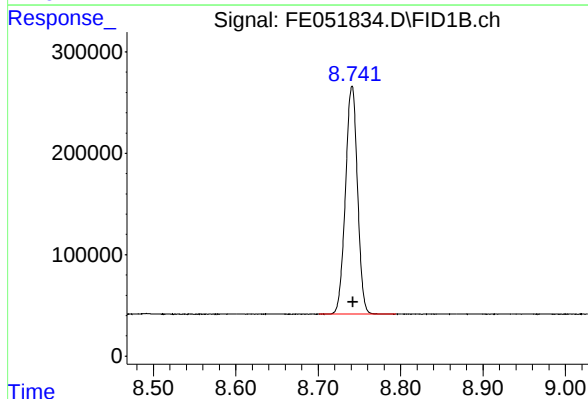
R.T.: 6.917 min
Delta R.T.: -0.002 min
Response: 2231431
Conc: 19.00 ug/ml



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

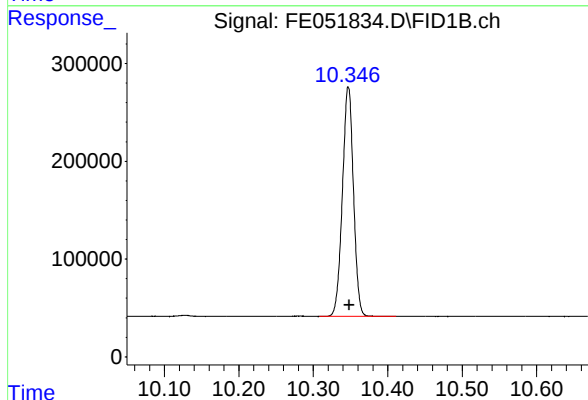
R.T.: 7.557 min
Delta R.T.: -0.002 min
Response: 2387665
Conc: 19.08 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD ICV



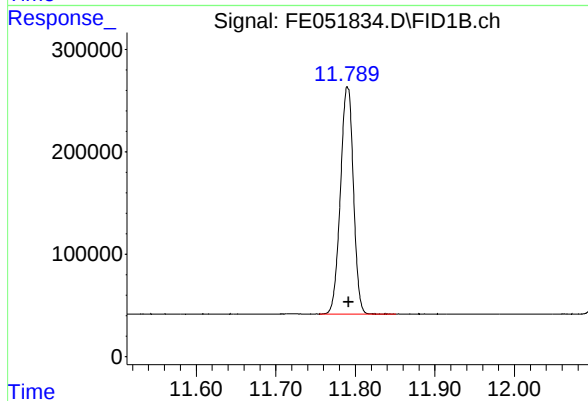
#6 n-Tetradecane (C14)

R.T.: 8.741 min
Delta R.T.: -0.001 min
Response: 2274593
Conc: 18.97 ug/ml



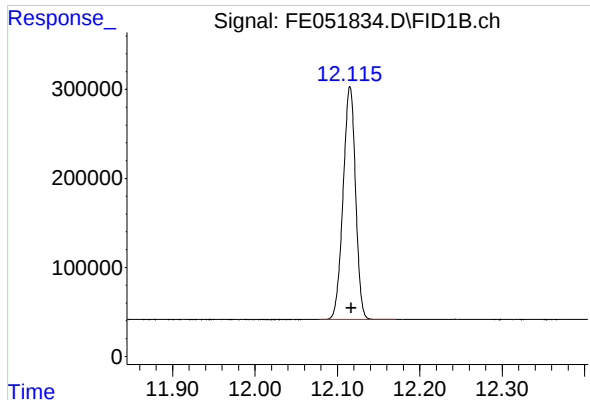
#7 n-Hexadecane (C16)

R.T.: 10.347 min
Delta R.T.: -0.001 min
Response: 2424346
Conc: 18.94 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.790 min
Delta R.T.: -0.002 min
Response: 2514076
Conc: 18.89 ug/ml



#9 ortho-Terphenyl (SURR)

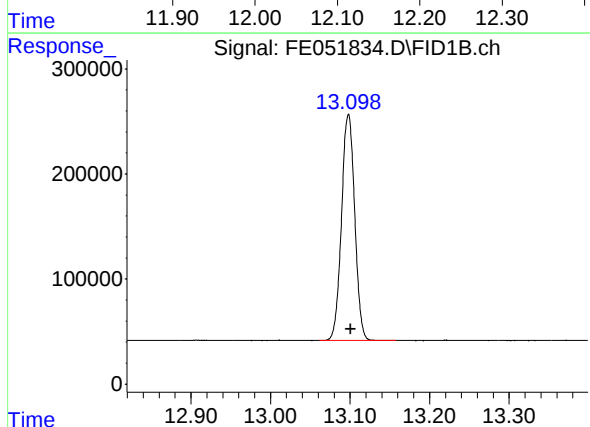
R.T.: 12.115 min
Delta R.T.: -0.002 min
Response: 2743961
Conc: 18.93 ug/ml

Instrument :

FID_E

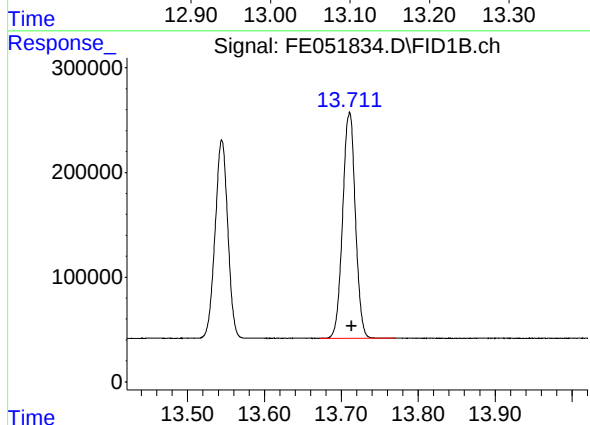
ClientSampleId :

20 PPM ALIPHATIC HC STD ICV



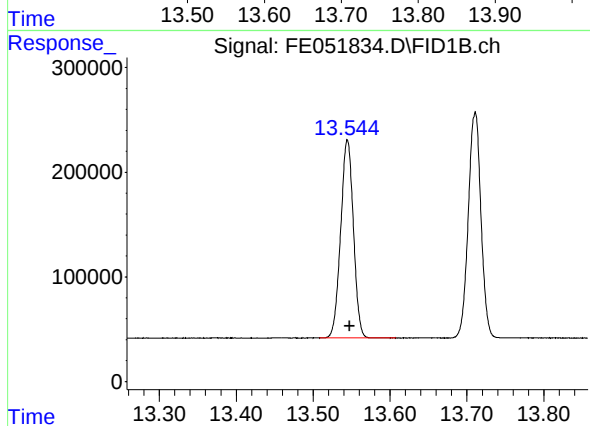
#10 n-Eicosane (C20)

R.T.: 13.098 min
Delta R.T.: -0.003 min
Response: 2482379
Conc: 18.87 ug/ml



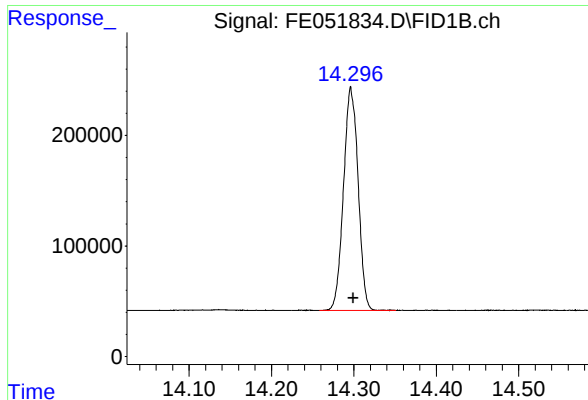
#11 n-Heneicosane (C21)

R.T.: 13.711 min
Delta R.T.: -0.003 min
Response: 2474329
Conc: 18.83 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.545 min
Delta R.T.: -0.003 min
Response: 2170416
Conc: 18.89 ug/ml



#13 n-Docosane (C22)

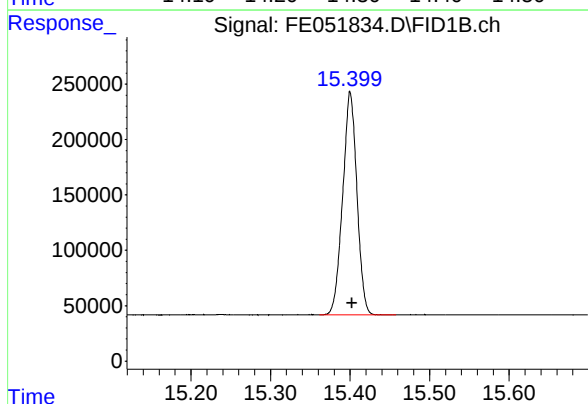
R.T.: 14.297 min
Delta R.T.: -0.003 min
Response: 2479895
Conc: 18.90 ug/ml

Instrument :

FID_E

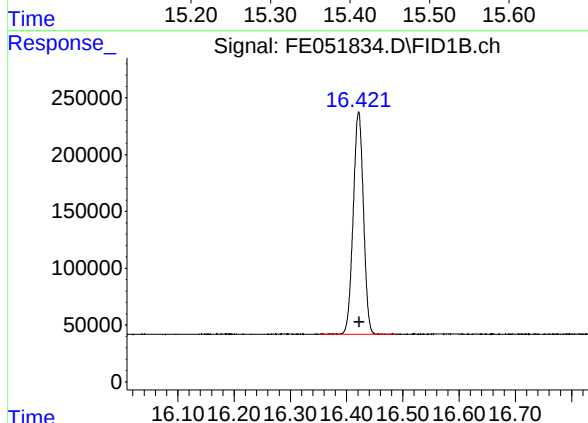
ClientSampleId :

20 PPM ALIPHATIC HC STD ICV



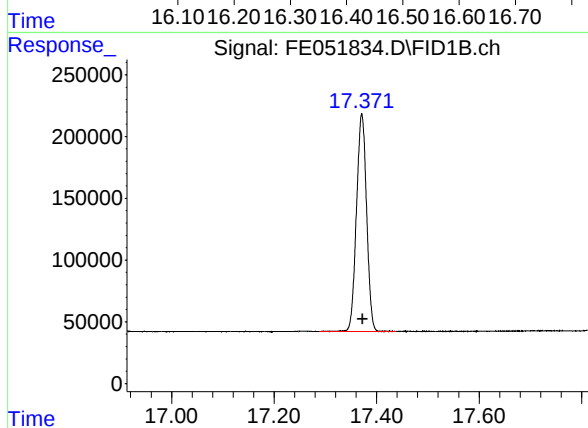
#14 n-Tetracosane (C24)

R.T.: 15.400 min
Delta R.T.: -0.002 min
Response: 2500589
Conc: 18.88 ug/ml



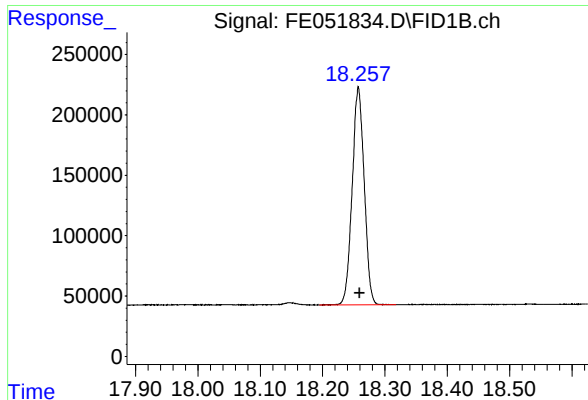
#15 n-Hexacosane (C26)

R.T.: 16.421 min
Delta R.T.: -0.001 min
Response: 2473293
Conc: 18.85 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.371 min
Delta R.T.: -0.002 min
Response: 2416405
Conc: 18.72 ug/ml



#17 n-Tricontane (C30)

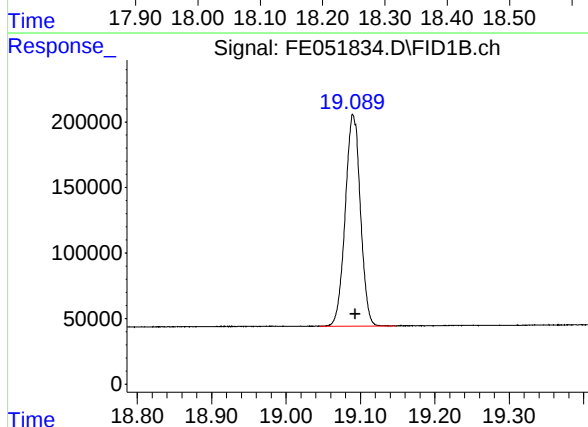
R.T.: 18.257 min
Delta R.T.: -0.002 min
Response: 2413147
Conc: 18.36 ug/ml

Instrument :

FID_E

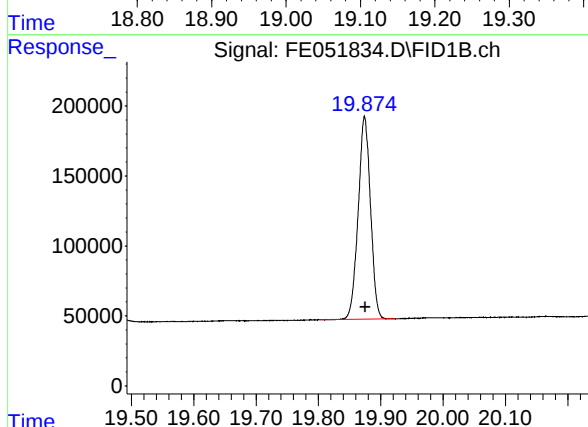
ClientSampleId :

20 PPM ALIPHATIC HC STD ICV



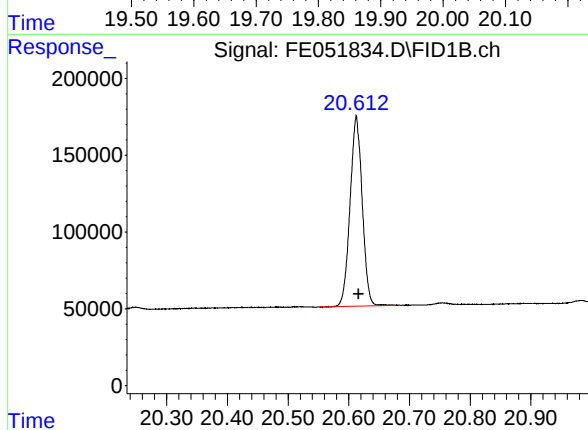
#18 n-Dotriacontane (C32)

R.T.: 19.090 min
Delta R.T.: -0.003 min
Response: 2285838
Conc: 18.01 ug/ml



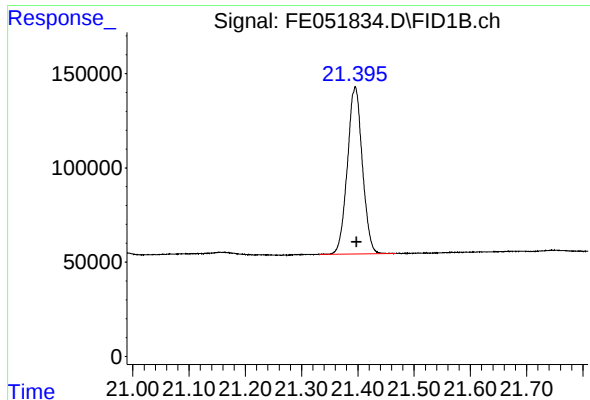
#19 n-Tetratriacontane (C34)

R.T.: 19.874 min
Delta R.T.: -0.001 min
Response: 1989043
Conc: 17.90 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.613 min
Delta R.T.: -0.004 min
Response: 1719309
Conc: 17.43 ug/ml



#21 n-Octatriacontane (C38)

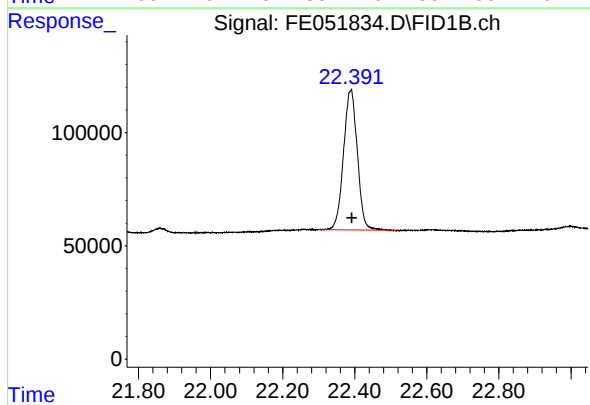
R.T.: 21.395 min
Delta R.T.: -0.003 min
Response: 1633924
Conc: 17.37 ug/ml

Instrument :

FID_E

ClientSampleId :

20 PPM ALIPHATIC HC STD ICV



#22 n-Tetracontane (C40)

R.T.: 22.389 min
Delta R.T.: -0.003 min
Response: 1647626
Conc: 17.90 ug/ml