

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE010225AL\
 Data File : FE051832.D
 Signal(s) : FID1B.ch
 Acq On : 02 Jan 2025 19:54
 Operator : YP\AJ
 Sample : 10 PPM ALIPHATIC HC STD4
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 10 PPM ALIPHATIC HC STD4

Integration File: autoint1.e
 Quant Time: Jan 03 03:50:24 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)	12.113	1580934	10.907 ug/ml
Spiked Amount 50.000		Recovery =	21.81%
12) S 1-chlorooctadecane (S...	13.544	1250071	10.879 ug/ml
Spiked Amount 50.000		Recovery =	21.76%
Target Compounds			
1) T n-Nonane (C9)	3.522	1201098	10.874 ug/ml
2) T n-Decane (C10)	4.765	1238291	10.882 ug/ml
3) T A~Naphthalene (C11.7)	6.468	1388955	10.891 ug/ml
4) T n-Dodecane (C12)	6.917	1278132	10.884 ug/ml
5) T A~2-methylnaphthalene...	7.558	1361566	10.879 ug/ml
6) T n-Tetradecane (C14)	8.741	1303132	10.869 ug/ml
7) T n-Hexadecane (C16)	10.347	1392470	10.881 ug/ml
8) T n-Octadecane (C18)	11.788	1446009	10.867 ug/ml
10) T n-Eicosane (C20)	13.098	1434811	10.905 ug/ml
11) T n-Heneicosane (C21)	13.710	1437062	10.935 ug/ml
13) T n-Docosane (C22)	14.296	1431867	10.915 ug/ml
14) T n-Tetracosane (C24)	15.399	1444744	10.907 ug/ml
15) T n-Hexacosane (C26)	16.420	1430838	10.905 ug/ml
16) T n-Octacosane (C28)	17.370	1403837	10.873 ug/ml
17) T n-Tricontane (C30)	18.257	1426217	10.849 ug/ml
18) T n-Dotriacontane (C32)	19.090	1370746	10.801 ug/ml
19) T n-Tetratriacontane (C34)	19.873	1186536	10.679 ug/ml
20) T n-Hexatriacontane (C36)	20.613	1068515	10.831 ug/ml
21) T n-Octatriacontane (C38)	21.394	1018615	10.827 ug/ml
22) T n-Tetracontane (C40)	22.388	1008466	10.955 ug/ml

(f)=RT Delta > 1/2 Window

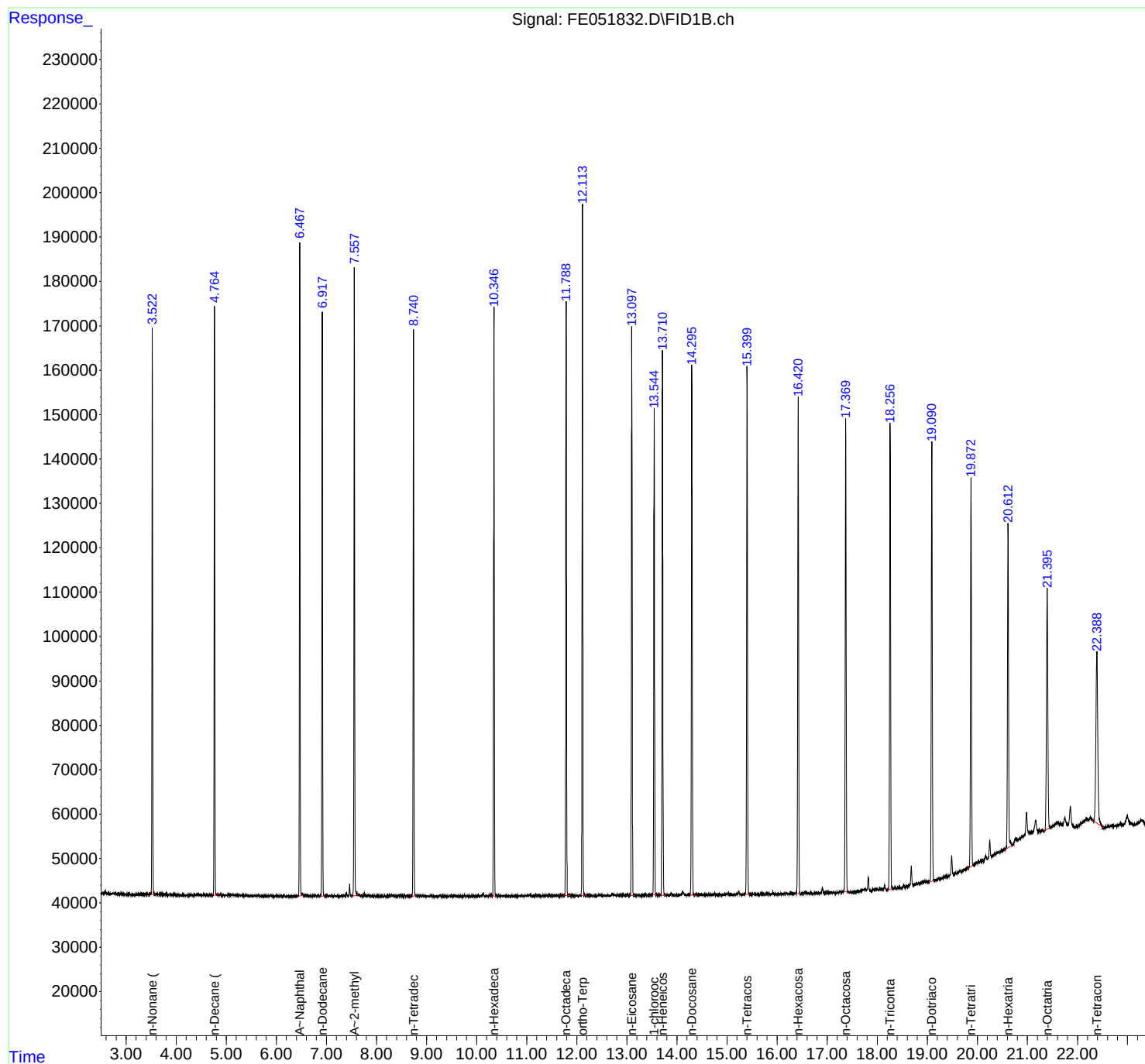
(m)=manual int.

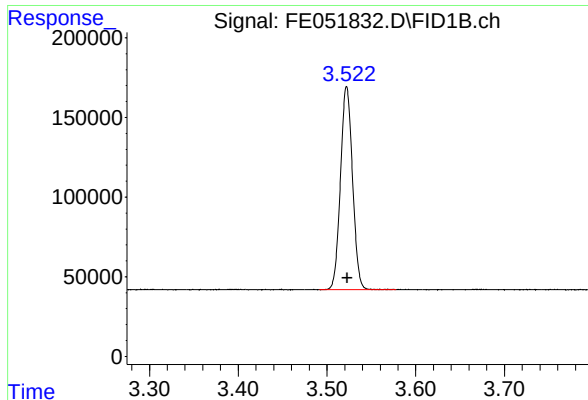
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE010225AL\
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Signal Info : 20M x 0.18mm x 0.18um

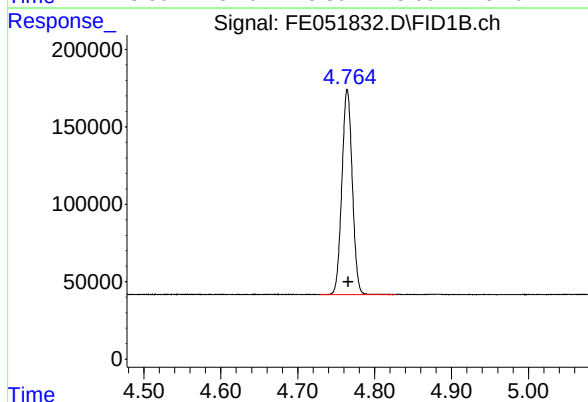




#1 n-Nonane (C9)

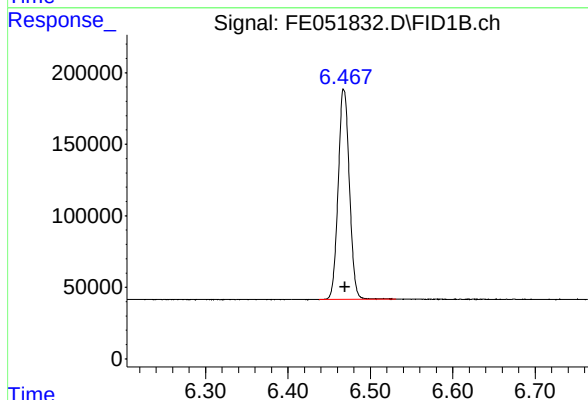
R.T.: 3.522 min
Delta R.T.: 0.000 min
Response: 1201098
Conc: 10.87 ug/ml

Instrument :
FID_E
ClientSampleId :
10 PPM ALIPHATIC HC STD4



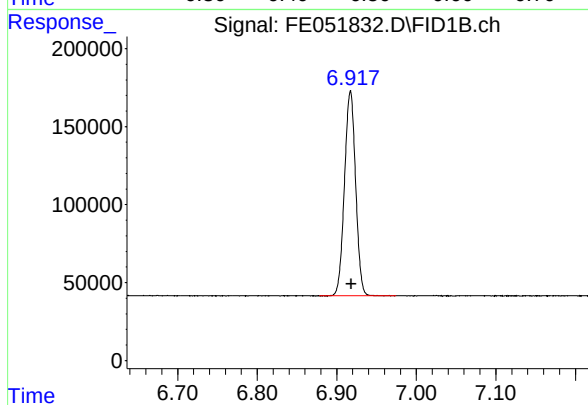
#2 n-Decane (C10)

R.T.: 4.765 min
Delta R.T.: -0.001 min
Response: 1238291
Conc: 10.88 ug/ml



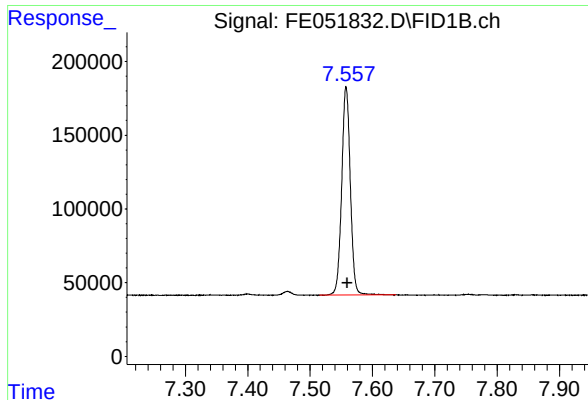
#3 A~Naphthalene (C11.7)

R.T.: 6.468 min
Delta R.T.: -0.001 min
Response: 1388955
Conc: 10.89 ug/ml



#4 n-Dodecane (C12)

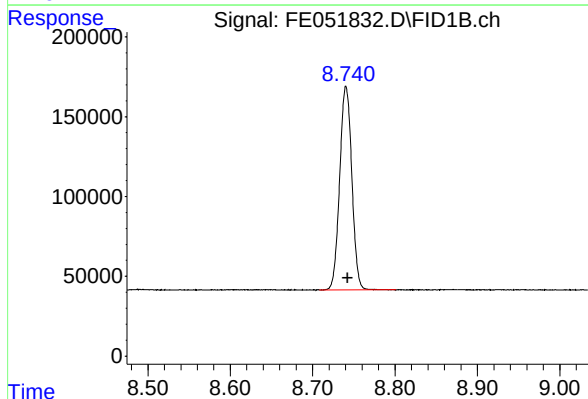
R.T.: 6.917 min
Delta R.T.: -0.001 min
Response: 1278132
Conc: 10.88 ug/ml



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

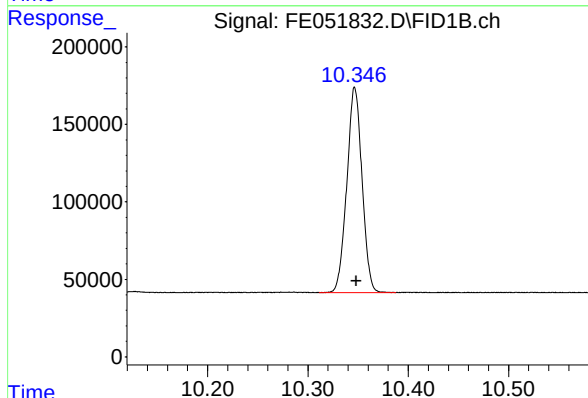
R.T.: 7.558 min
Delta R.T.: -0.002 min
Response: 1361566
Conc: 10.88 ug/ml

Instrument :
FID_E
ClientSampleId :
10 PPM ALIPHATIC HC STD4



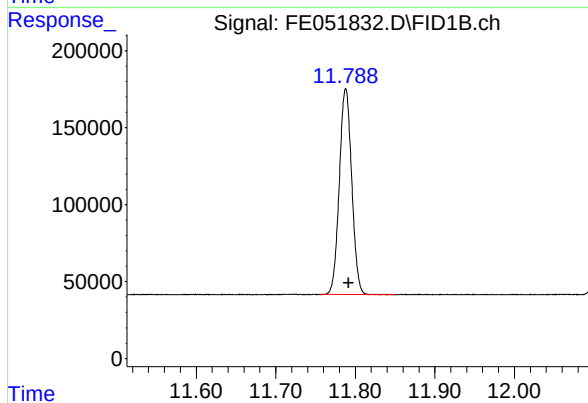
#6 n-Tetradecane (C14)

R.T.: 8.741 min
Delta R.T.: -0.002 min
Response: 1303132
Conc: 10.87 ug/ml



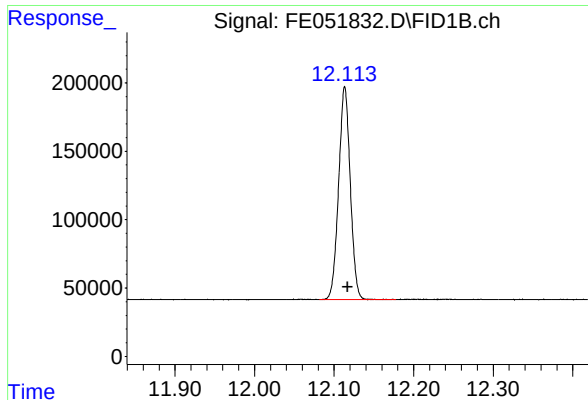
#7 n-Hexadecane (C16)

R.T.: 10.347 min
Delta R.T.: -0.001 min
Response: 1392470
Conc: 10.88 ug/ml



#8 n-Octadecane (C18)

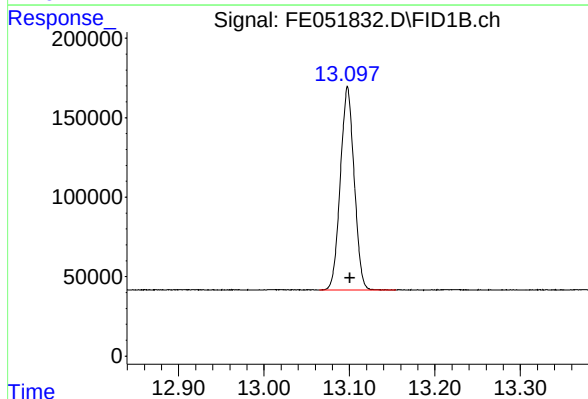
R.T.: 11.788 min
Delta R.T.: -0.004 min
Response: 1446009
Conc: 10.87 ug/ml



#9 ortho-Terphenyl (SURR)

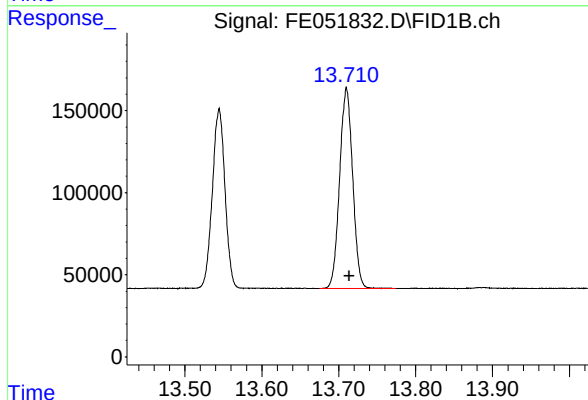
R.T.: 12.113 min
Delta R.T.: -0.003 min
Response: 1580934
Conc: 10.91 ug/ml

Instrument :
FID_E
ClientSampleId :
10 PPM ALIPHATIC HC STD4



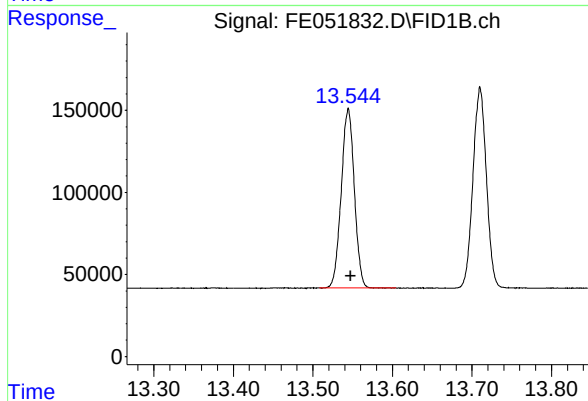
#10 n-Eicosane (C20)

R.T.: 13.098 min
Delta R.T.: -0.003 min
Response: 1434811
Conc: 10.90 ug/ml



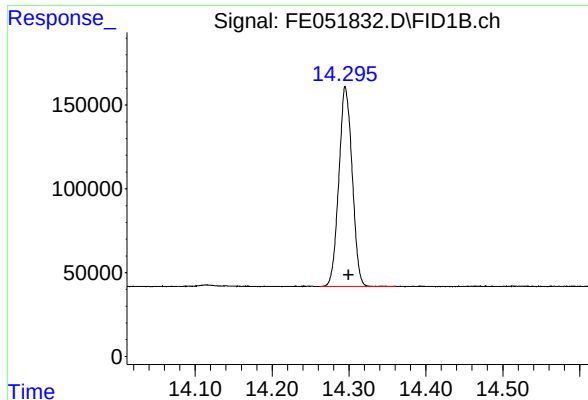
#11 n-Heneicosane (C21)

R.T.: 13.710 min
Delta R.T.: -0.003 min
Response: 1437062
Conc: 10.93 ug/ml



#12 1-chlorooctadecane (SURR)

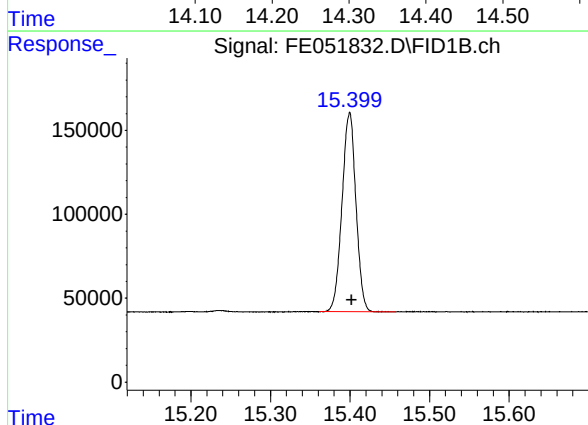
R.T.: 13.544 min
Delta R.T.: -0.003 min
Response: 1250071
Conc: 10.88 ug/ml



#13 n-Docosane (C22)

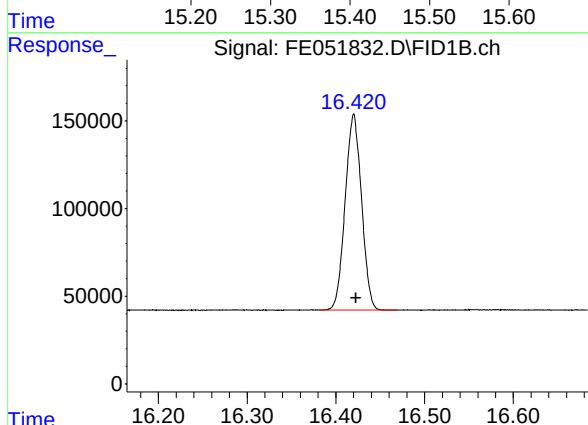
R.T.: 14.296 min
Delta R.T.: -0.004 min
Response: 1431867
Conc: 10.91 ug/ml

Instrument :
FID_E
ClientSampleId :
10 PPM ALIPHATIC HC STD4



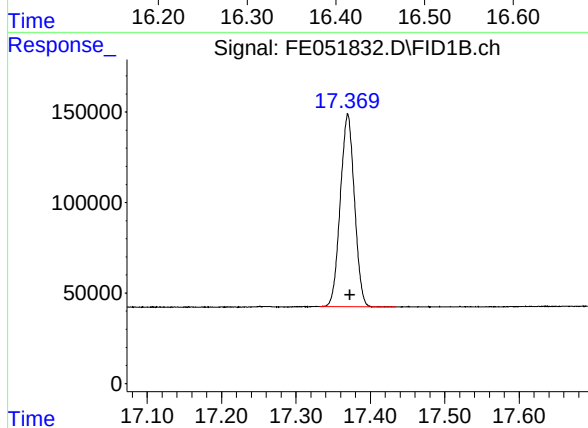
#14 n-Tetracosane (C24)

R.T.: 15.399 min
Delta R.T.: -0.003 min
Response: 1444744
Conc: 10.91 ug/ml



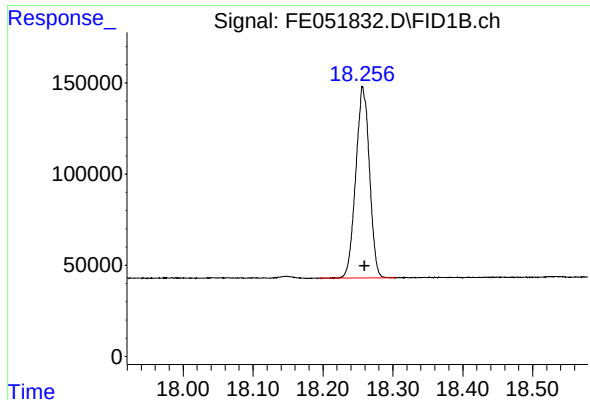
#15 n-Hexacosane (C26)

R.T.: 16.420 min
Delta R.T.: -0.002 min
Response: 1430838
Conc: 10.90 ug/ml



#16 n-Octacosane (C28)

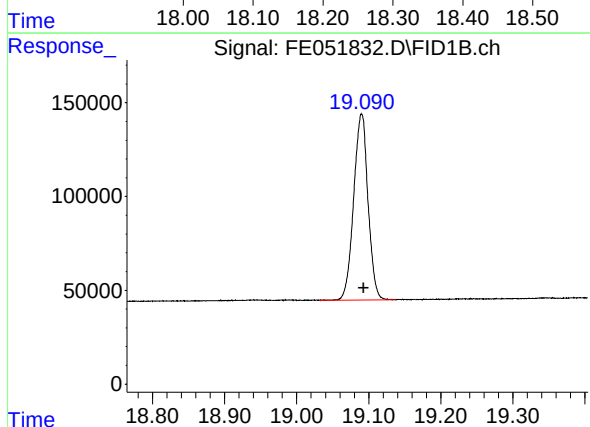
R.T.: 17.370 min
Delta R.T.: -0.003 min
Response: 1403837
Conc: 10.87 ug/ml



#17 n-Tricontane (C30)

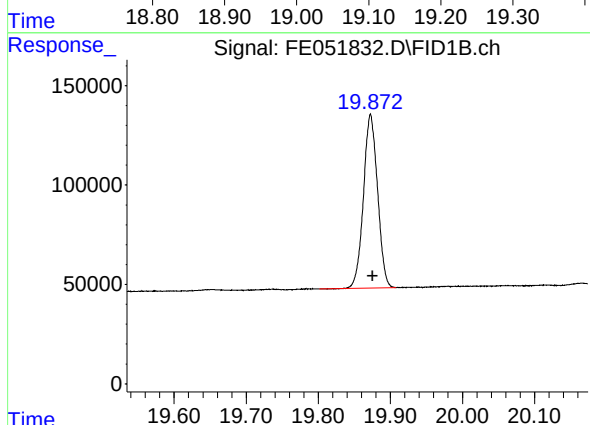
R.T.: 18.257 min
Delta R.T.: -0.002 min
Response: 1426217
Conc: 10.85 ug/ml

Instrument :
FID_E
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10 PPM ALIPHATIC HC STD4



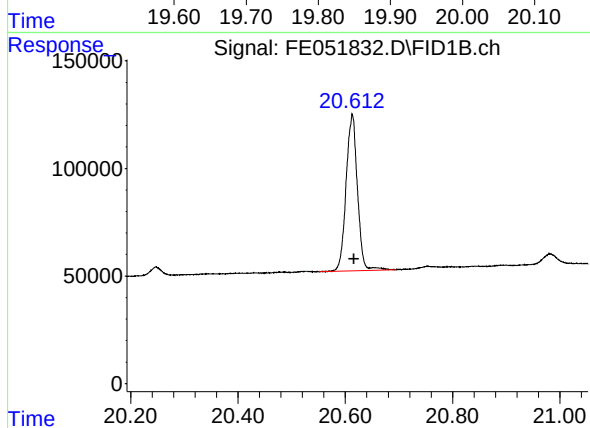
#18 n-Dotriacontane (C32)

R.T.: 19.090 min
Delta R.T.: -0.003 min
Response: 1370746
Conc: 10.80 ug/ml



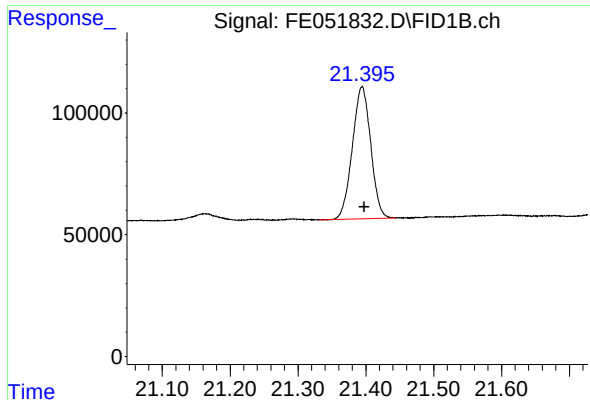
#19 n-Tetratriacontane (C34)

R.T.: 19.873 min
Delta R.T.: -0.003 min
Response: 1186536
Conc: 10.68 ug/ml



#20 n-Hexatriacontane (C36)

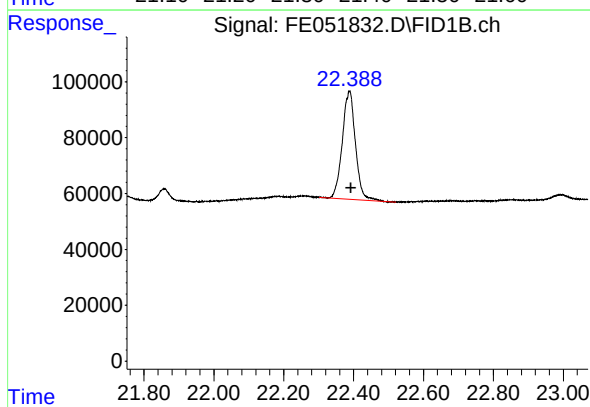
R.T.: 20.613 min
Delta R.T.: -0.004 min
Response: 1068515
Conc: 10.83 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.394 min
Delta R.T.: -0.003 min
Response: 1018615
Conc: 10.83 ug/ml

Instrument :
FID_E
ClientSampleId :
10 PPM ALIPHATIC HC STD4



#22 n-Tetracontane (C40)

R.T.: 22.388 min
Delta R.T.: -0.004 min
Response: 1008466
Conc: 10.96 ug/ml