

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE092523AL\
 Data File : FE044418.D
 Signal(s) : FID1B.ch
 Acq On : 25 Sep 2023 10:09
 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: Sep 25 10:33:49 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 092523.M
 Quant Title : GC Extractables
 QLast Update : Mon Sep 25 10:18:21 2023
 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)	11.925	1970179	10.848 ug/ml
Spiked Amount 50.000		Recovery =	21.70%
12) S 1-chlorooctadecane (S...	13.364	1422316	10.768 ug/ml
Spiked Amount 50.000		Recovery =	21.54%
Target Compounds			
1) T n-Nonane (C9)	3.314	1718074	10.981 ug/ml
2) T n-Decane (C10)	4.565	1742274	10.893 ug/ml
3) T A~Naphthalene (C11.7)	6.266	1874483	10.805 ug/ml
4) T n-Dodecane (C12)	6.728	1752921	10.901 ug/ml
5) T A~2-methylnaphthalene...	7.361	1784548	10.695 ug/ml
6) T n-Tetradecane (C14)	8.555	1730303	10.903 ug/ml
7) T n-Hexadecane (C16)	10.164	1784536	10.917 ug/ml
8) T n-Octadecane (C18)	11.608	1789511	10.933 ug/ml
10) T n-Eicosane (C20)	12.919	1692599	10.911 ug/ml
11) T n-Heneicosane (C21)	13.531	1646572	10.891 ug/ml
13) T n-Docosane (C22)	14.118	1617438	10.853 ug/ml
14) T n-Tetracosane (C24)	15.223	1577969	10.825 ug/ml
15) T n-Hexacosane (C26)	16.244	1527301	10.804 ug/ml
16) T n-Octacosane (C28)	17.196	1479069	10.767 ug/ml
17) T n-Tricontane (C30)	18.084	1536552	10.998 ug/ml
18) T n-Dotriacontane (C32)	18.918	1533376	11.057 ug/ml
19) T n-Tetratriacontane (C34)	19.703	1520072	10.987 ug/ml
20) T n-Hexatriacontane (C36)	20.445	1497581	10.802 ug/ml
21) T n-Octatriacontane (C38)	21.187	1535236	10.595 ug/ml
22) T n-Tetracontane (C40)	22.109	1514031	9.650 ug/ml

(f)=RT Delta > 1/2 Window

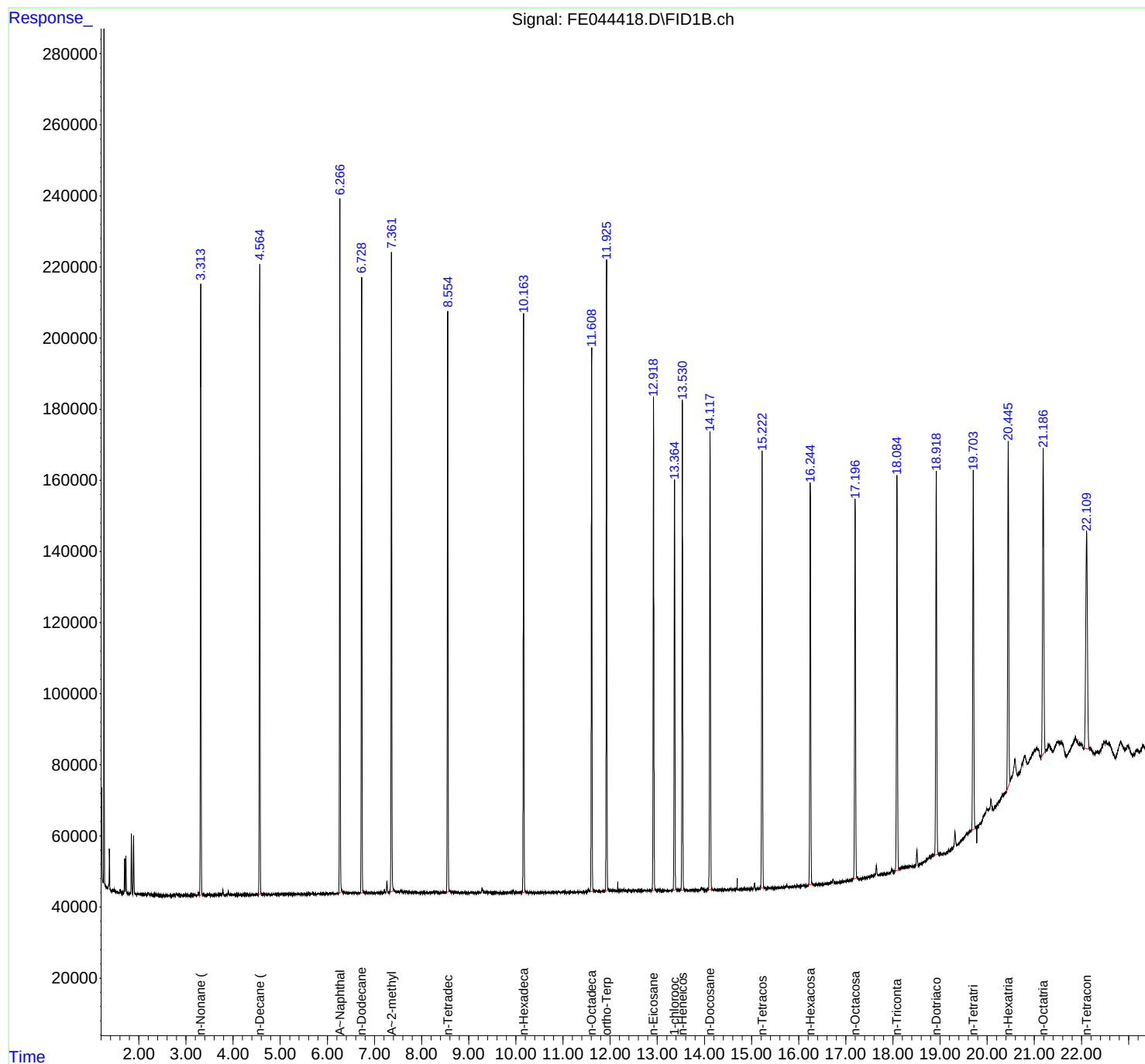
(m)=manual int.

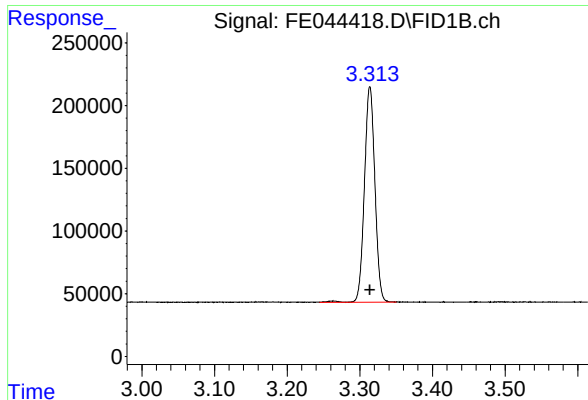
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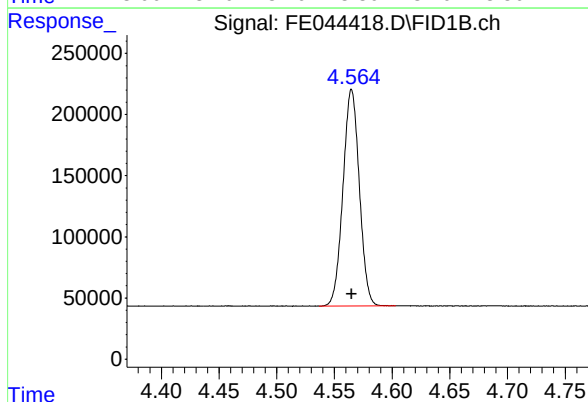




#1 n-Nonane (C9)

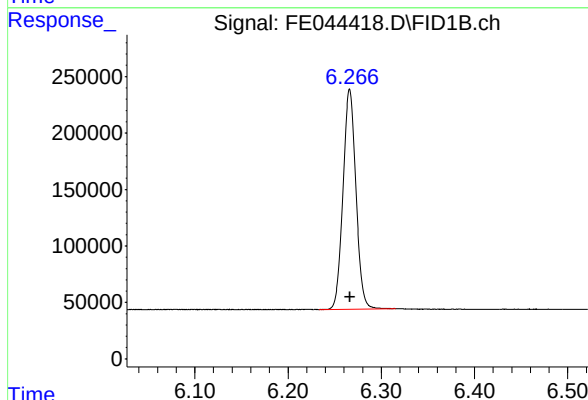
R.T.: 3.314 min
Delta R.T.: 0.000 min
Response: 1718074
Conc: 10.98 ug/ml

Instrument :
FID_E
ClientSampleId :
10 PPM ALIPHATIC HC STD4



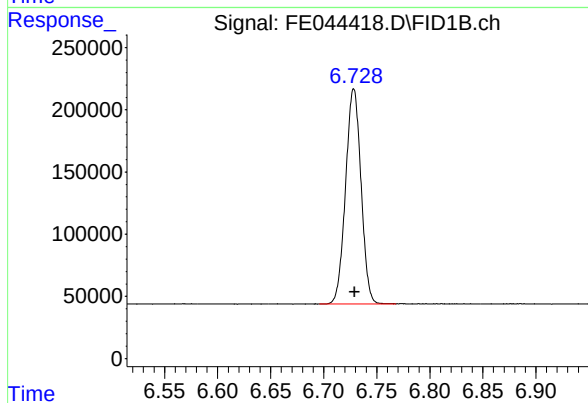
#2 n-Decane (C10)

R.T.: 4.565 min
Delta R.T.: 0.000 min
Response: 1742274
Conc: 10.89 ug/ml



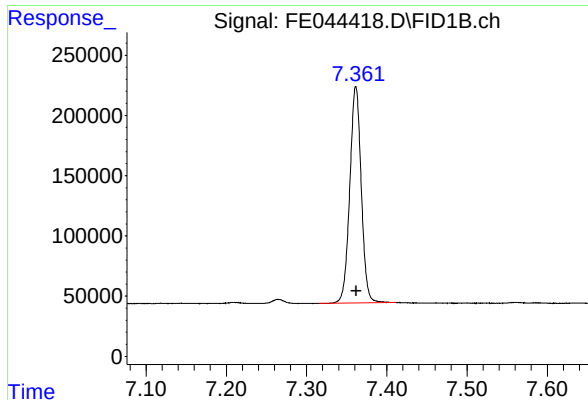
#3 A~Naphthalene (C11.7)

R.T.: 6.266 min
Delta R.T.: 0.000 min
Response: 1874483
Conc: 10.80 ug/ml



#4 n-Dodecane (C12)

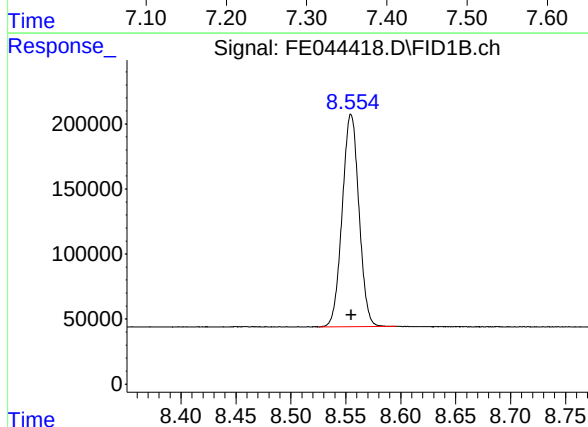
R.T.: 6.728 min
Delta R.T.: 0.000 min
Response: 1752921
Conc: 10.90 ug/ml



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

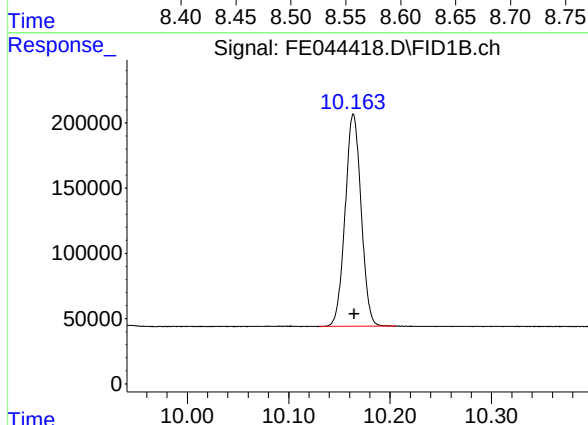
R.T.: 7.361 min
Delta R.T.: 0.000 min
Response: 1784548
Conc: 10.69 ug/ml

Instrument :
FID_E
ClientSampleId :
10 PPM ALIPHATIC HC STD4



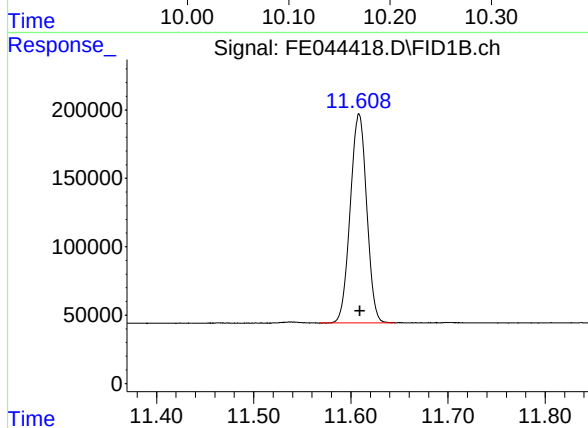
#6 n-Tetradecane (C14)

R.T.: 8.555 min
Delta R.T.: 0.000 min
Response: 1730303
Conc: 10.90 ug/ml



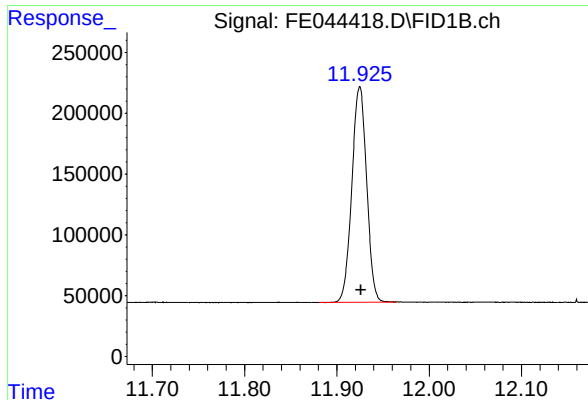
#7 n-Hexadecane (C16)

R.T.: 10.164 min
Delta R.T.: 0.000 min
Response: 1784536
Conc: 10.92 ug/ml



#8 n-Octadecane (C18)

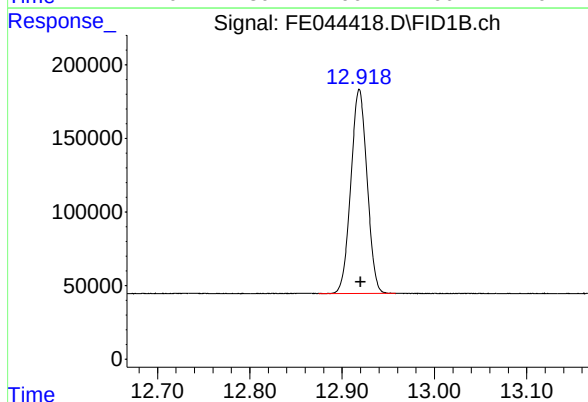
R.T.: 11.608 min
Delta R.T.: 0.000 min
Response: 1789511
Conc: 10.93 ug/ml



#9 ortho-Terphenyl (SURR)

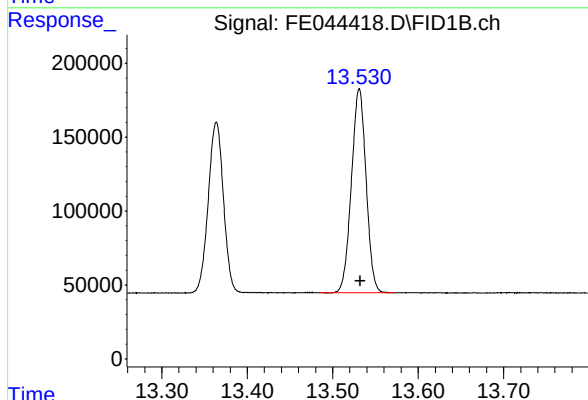
R.T.: 11.925 min
Delta R.T.: -0.001 min
Response: 1970179
Conc: 10.85 ug/ml

Instrument :
FID_E
ClientSampleId :
10 PPM ALIPHATIC HC STD4



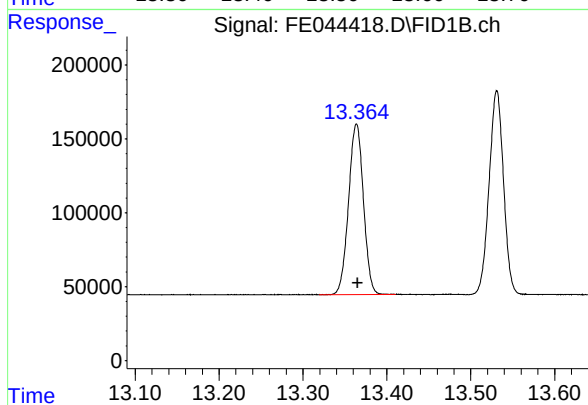
#10 n-Eicosane (C20)

R.T.: 12.919 min
Delta R.T.: -0.002 min
Response: 1692599
Conc: 10.91 ug/ml



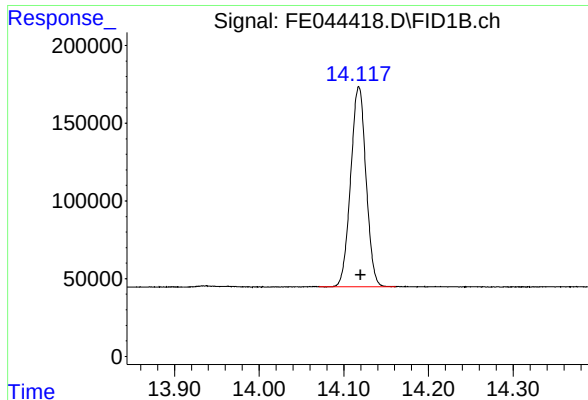
#11 n-Heneicosane (C21)

R.T.: 13.531 min
Delta R.T.: -0.001 min
Response: 1646572
Conc: 10.89 ug/ml



#12 1-chlorooctadecane (SURR)

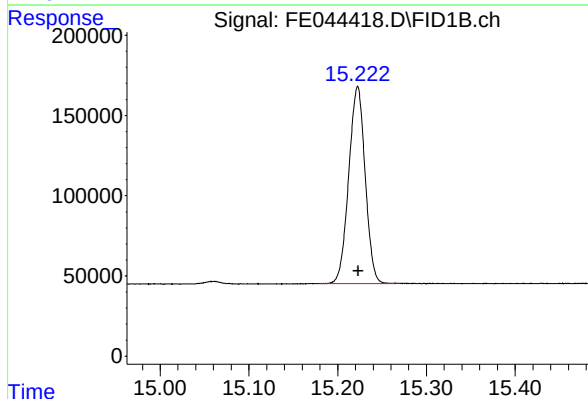
R.T.: 13.364 min
Delta R.T.: -0.001 min
Response: 1422316
Conc: 10.77 ug/ml



#13 n-Docosane (C22)

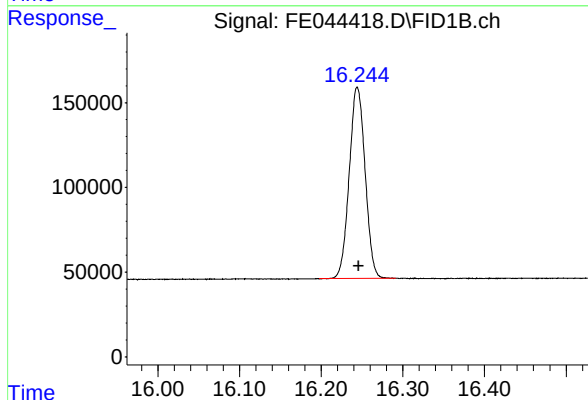
R.T.: 14.118 min
Delta R.T.: -0.002 min
Response: 1617438
Conc: 10.85 ug/ml

Instrument :
FID_E
ClientSampleId :
10 PPM ALIPHATIC HC STD4



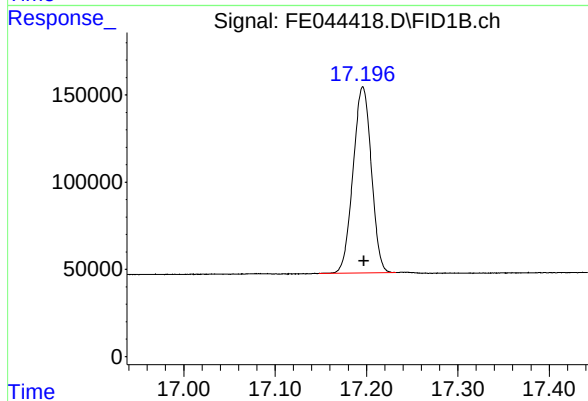
#14 n-Tetracosane (C24)

R.T.: 15.223 min
Delta R.T.: 0.000 min
Response: 1577969
Conc: 10.83 ug/ml



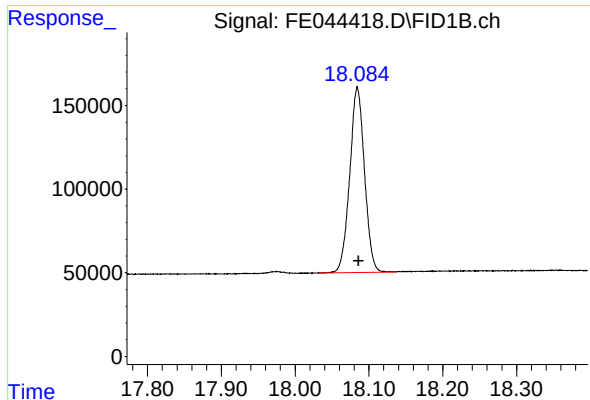
#15 n-Hexacosane (C26)

R.T.: 16.244 min
Delta R.T.: -0.002 min
Response: 1527301
Conc: 10.80 ug/ml



#16 n-Octacosane (C28)

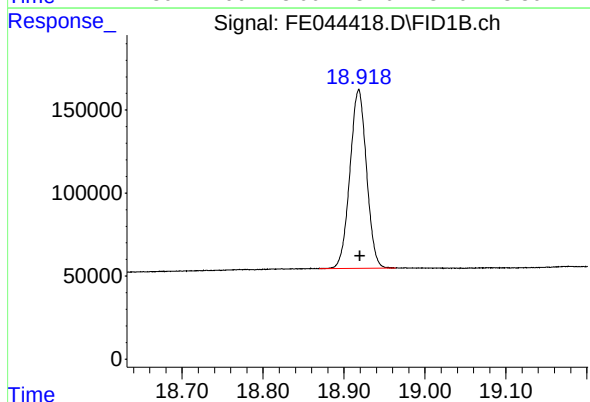
R.T.: 17.196 min
Delta R.T.: 0.000 min
Response: 1479069
Conc: 10.77 ug/ml



#17 n-Tricontane (C30)

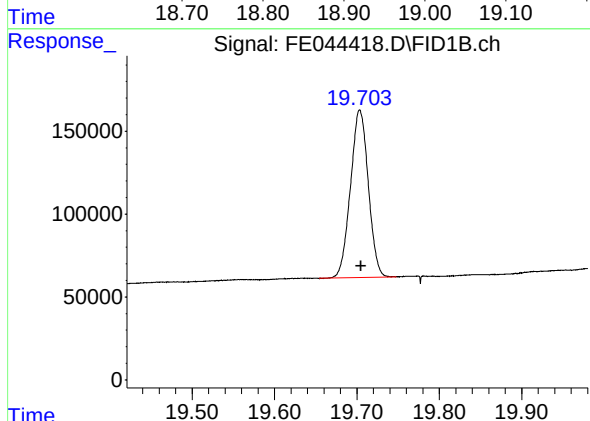
R.T.: 18.084 min
Delta R.T.: -0.002 min
Response: 1536552
Conc: 11.00 ug/ml

Instrument :
FID_E
ClientSampleId :
10 PPM ALIPHATIC HC STD4



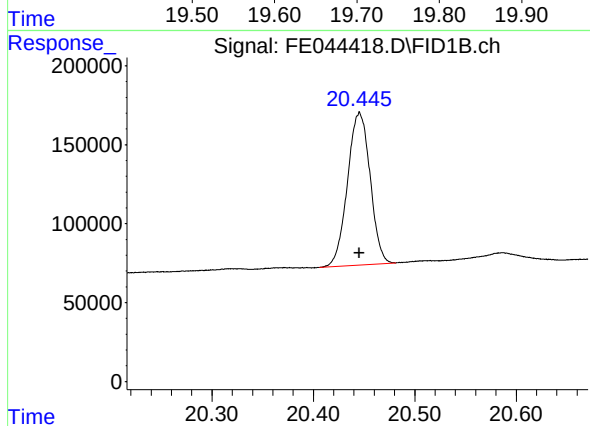
#18 n-Dotriacontane (C32)

R.T.: 18.918 min
Delta R.T.: -0.002 min
Response: 1533376
Conc: 11.06 ug/ml



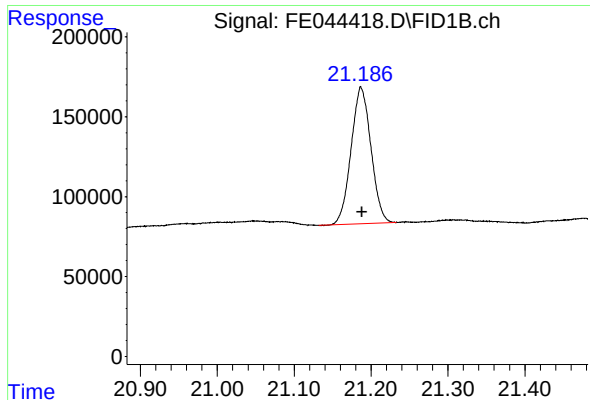
#19 n-Tetratriacontane (C34)

R.T.: 19.703 min
Delta R.T.: -0.002 min
Response: 1520072
Conc: 10.99 ug/ml



#20 n-Hexatriacontane (C36)

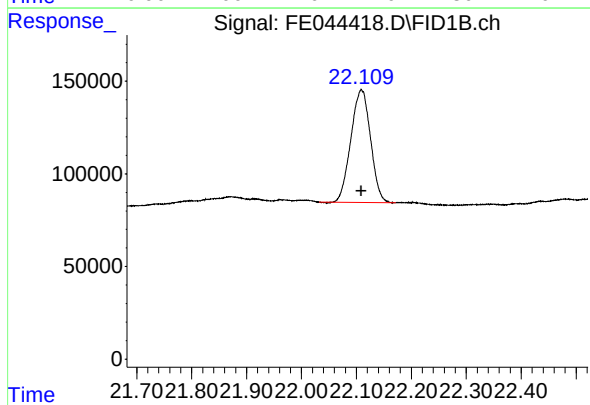
R.T.: 20.445 min
Delta R.T.: 0.000 min
Response: 1497581
Conc: 10.80 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.187 min
Delta R.T.: -0.002 min
Response: 1535236
Conc: 10.59 ug/ml

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FID_E
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#22 n-Tetracontane (C40)

R.T.: 22.109 min
Delta R.T.: 0.000 min
Response: 1514031
Conc: 9.65 ug/ml