

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE061423AL\
 Data File : FE042621.D
 Signal(s) : FID1B.ch
 Acq On : 14 Jun 2023 20:29
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Jun 15 01:27:22 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 051823.M
 Quant Title : GC Extractables
 QLast Update : Thu May 18 06:27:12 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

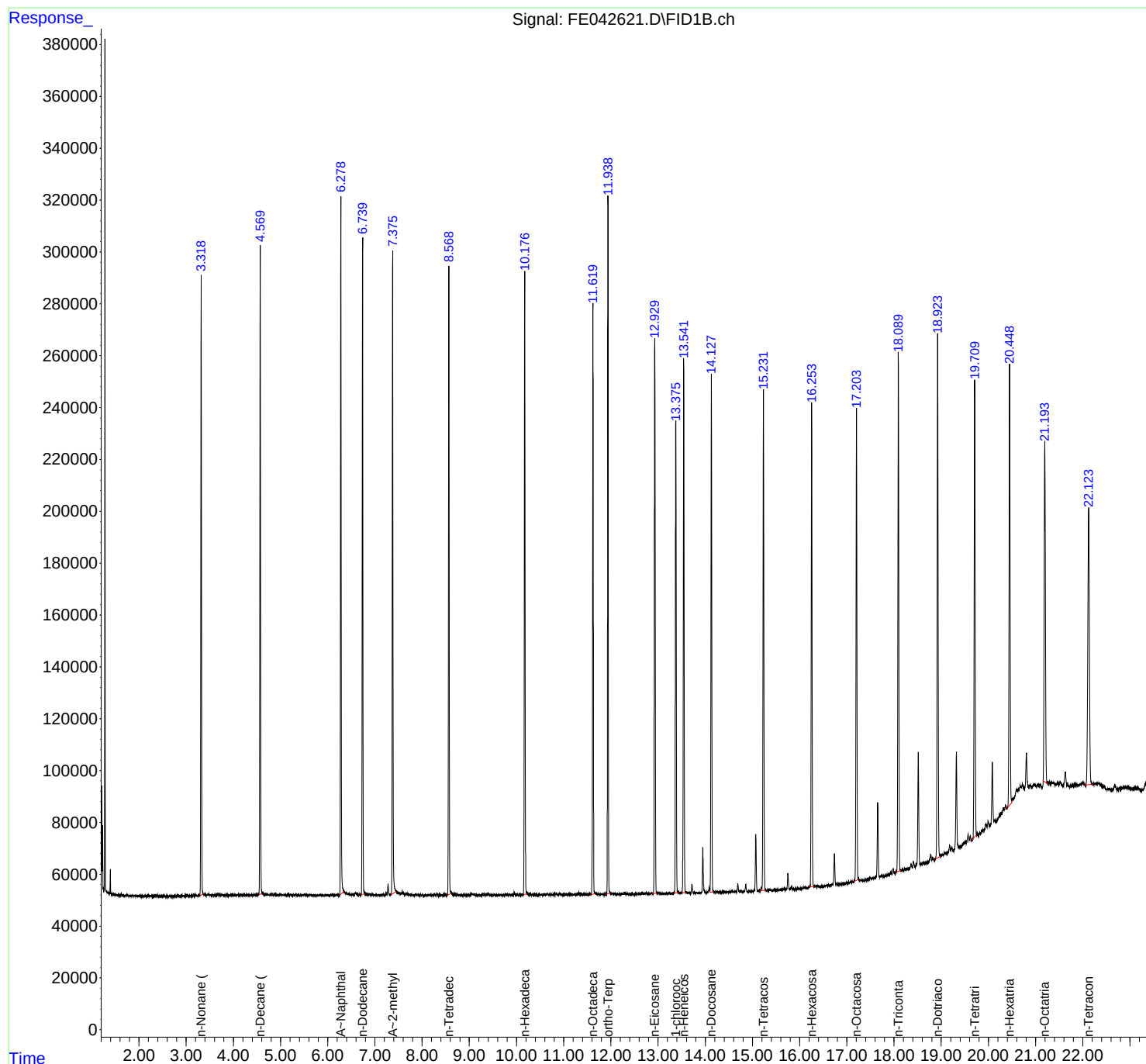
System Monitoring Compounds			
9) S ortho-Terphenyl (SURR)	11.938	2904670	16.450 ug/ml
Spiked Amount 50.000		Recovery =	32.90%
12) S 1-chlorooctadecane (S...	13.375	2161676	16.268 ug/ml
Spiked Amount 50.000		Recovery =	32.54%
Target Compounds			
1) T n-Nonane (C9)	3.318	2407028	16.693 ug/ml
2) T n-Decane (C10)	4.569	2522422	17.039 ug/ml
3) T A~Naphthalene (C11.7)	6.279	2696188	16.525 ug/ml
4) T n-Dodecane (C12)	6.739	2552731	17.023 ug/ml
5) T A~2-methylnaphthalene...	7.376	2590148	16.321 ug/ml
6) T n-Tetradecane (C14)	8.568	2553480	17.045 ug/ml
7) T n-Hexadecane (C16)	10.176	2650381	17.015 ug/ml
8) T n-Octadecane (C18)	11.619	2674093	16.910 ug/ml
10) T n-Eicosane (C20)	12.929	2543232	16.778 ug/ml
11) T n-Heneicosane (C21)	13.542	2467117	16.652 ug/ml
13) T n-Docosane (C22)	14.127	2448999	16.706 ug/ml
14) T n-Tetracosane (C24)	15.231	2434083	16.862 ug/ml
15) T n-Hexacosane (C26)	16.253	2375017	17.148 ug/ml
16) T n-Octacosane (C28)	17.203	2437354	18.205 ug/ml
17) T n-Tricontane (C30)	18.091	2721765	20.163 ug/ml
18) T n-Dotriacontane (C32)	18.923	2812160	21.051 ug/ml
19) T n-Tetratriacontane (C34)	19.708	2622077	19.938 ug/ml
20) T n-Hexatriacontane (C36)	20.448	2508529	19.300 ug/ml
21) T n-Octatriacontane (C38)	21.194	2400315	17.692 ug/ml
22) T n-Tetracontane (C40)	22.124	2436847	17.516 ug/ml

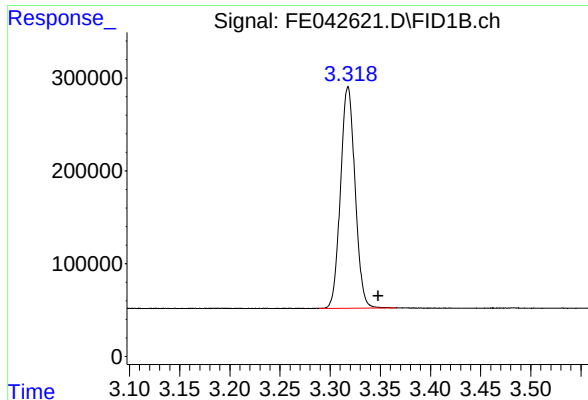
(f)=RT Delta > 1/2 Window

(m)=manual int.

Instrument :
FID_E
ClientSampleId :

Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um

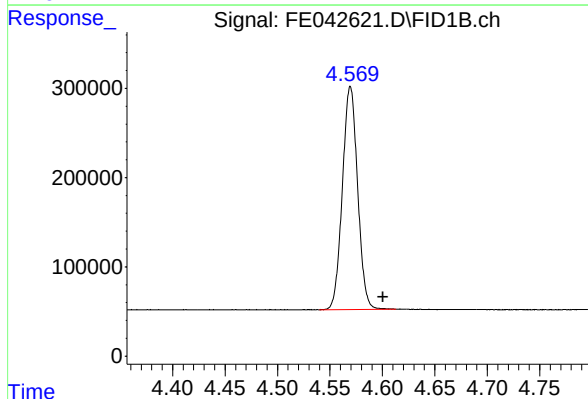




#1 n-Nonane (C9)

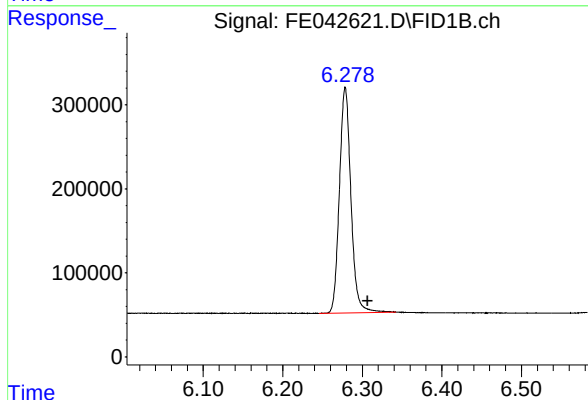
R.T.: 3.318 min
Delta R.T.: -0.030 min
Response: 2407028
Conc: 16.69 ug/ml

Instrument :
FID_E
ClientSampleId :



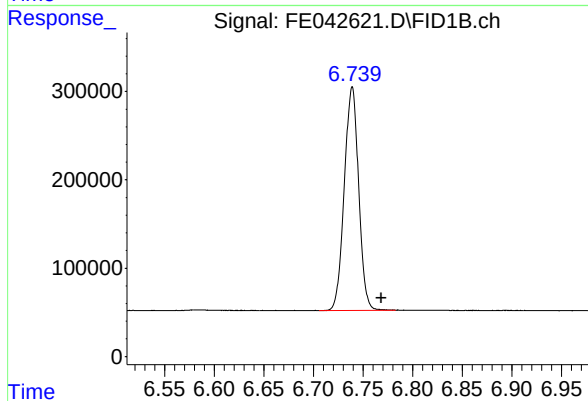
#2 n-Decane (C10)

R.T.: 4.569 min
Delta R.T.: -0.031 min
Response: 2522422
Conc: 17.04 ug/ml



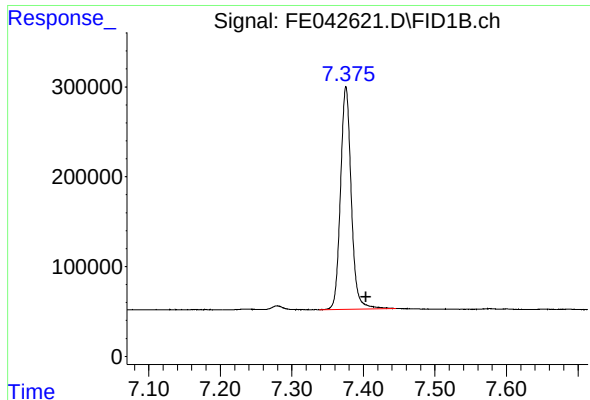
#3 A~Naphthalene (C11.7)

R.T.: 6.279 min
Delta R.T.: -0.028 min
Response: 2696188
Conc: 16.52 ug/ml



#4 n-Dodecane (C12)

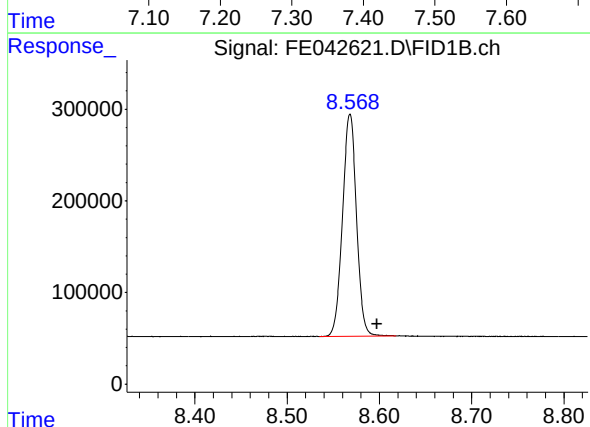
R.T.: 6.739 min
Delta R.T.: -0.029 min
Response: 2552731
Conc: 17.02 ug/ml



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

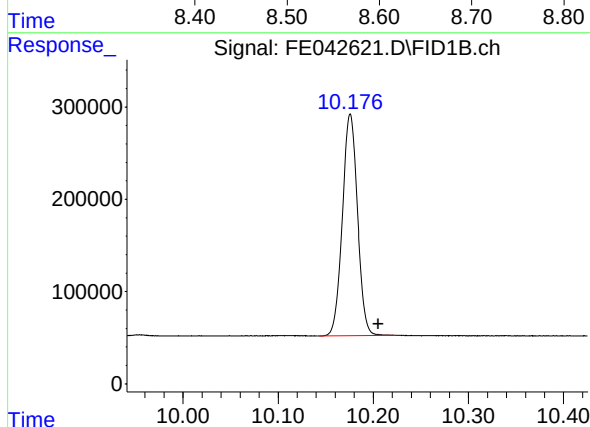
R.T.: 7.376 min
Delta R.T.: -0.028 min
Response: 2590148
Conc: 16.32 ug/ml

Instrument :
FID_E
ClientSampleId :



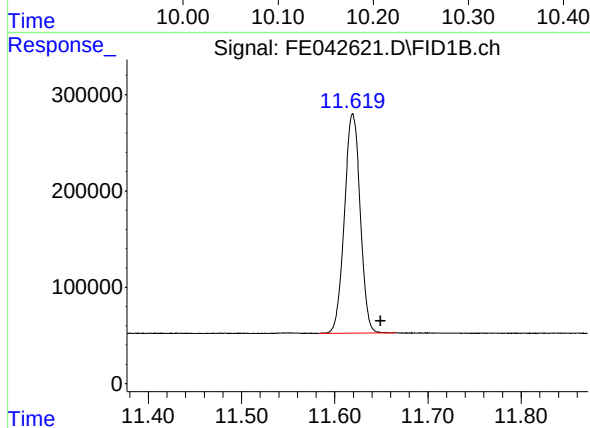
#6 n-Tetradecane (C14)

R.T.: 8.568 min
Delta R.T.: -0.029 min
Response: 2553480
Conc: 17.05 ug/ml



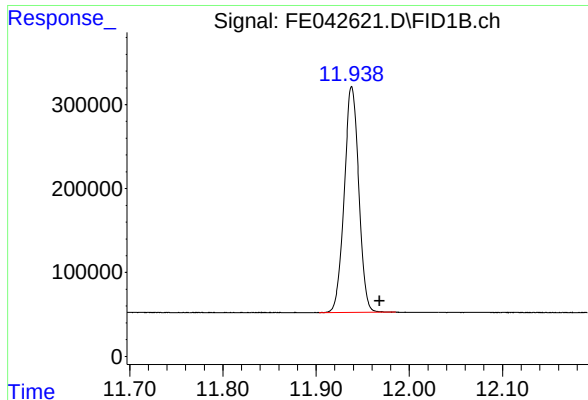
#7 n-Hexadecane (C16)

R.T.: 10.176 min
Delta R.T.: -0.030 min
Response: 2650381
Conc: 17.01 ug/ml



#8 n-Octadecane (C18)

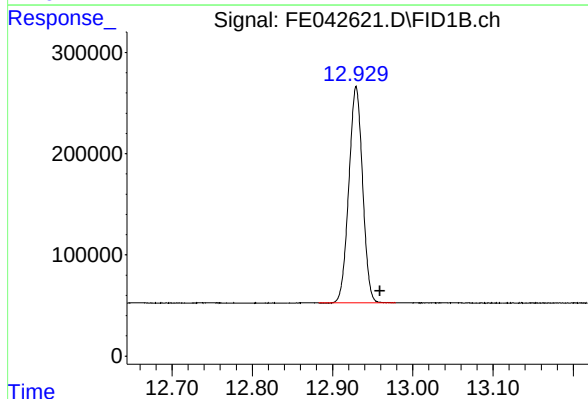
R.T.: 11.619 min
Delta R.T.: -0.030 min
Response: 2674093
Conc: 16.91 ug/ml



#9 ortho-Terphenyl (SURR)

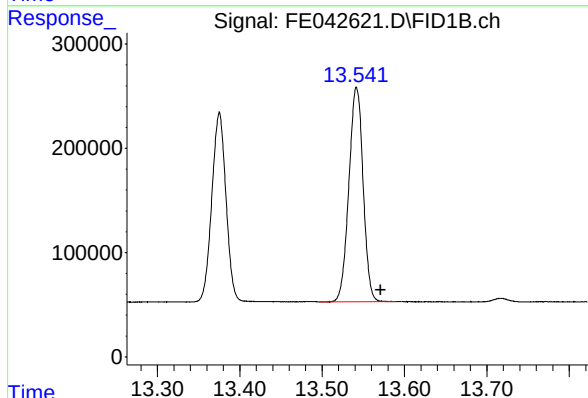
R.T.: 11.938 min
Delta R.T.: -0.030 min
Response: 2904670
Conc: 16.45 ug/ml

Instrument :
FID_E
ClientSampleId :



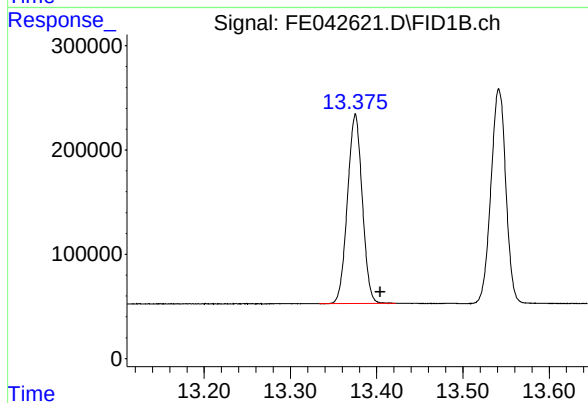
#10 n-Eicosane (C20)

R.T.: 12.929 min
Delta R.T.: -0.030 min
Response: 2543232
Conc: 16.78 ug/ml



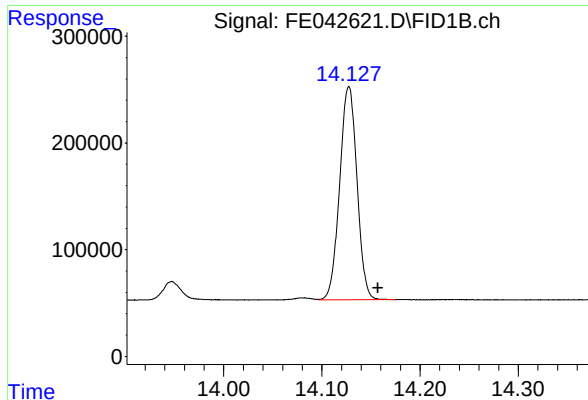
#11 n-Heneicosane (C21)

R.T.: 13.542 min
Delta R.T.: -0.029 min
Response: 2467117
Conc: 16.65 ug/ml



#12 1-chlorooctadecane (SURR)

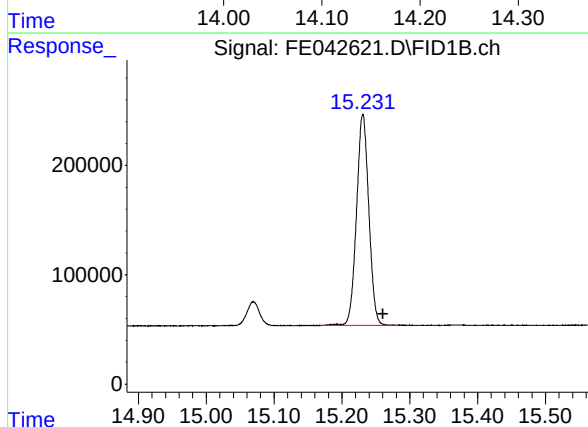
R.T.: 13.375 min
Delta R.T.: -0.029 min
Response: 2161676
Conc: 16.27 ug/ml



#13 n-Docosane (C22)

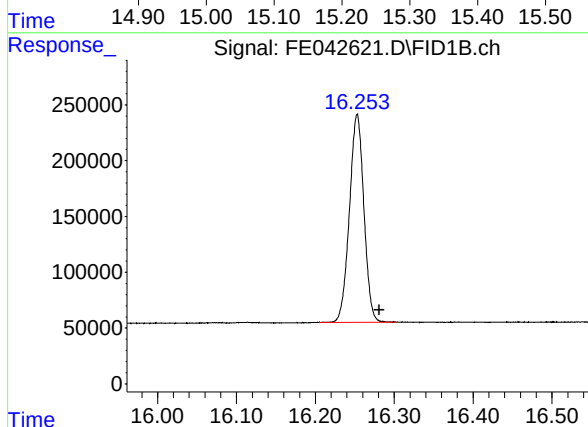
R.T.: 14.127 min
Delta R.T.: -0.030 min
Response: 2448999
Conc: 16.71 ug/ml

Instrument :
FID_E
ClientSampleId :



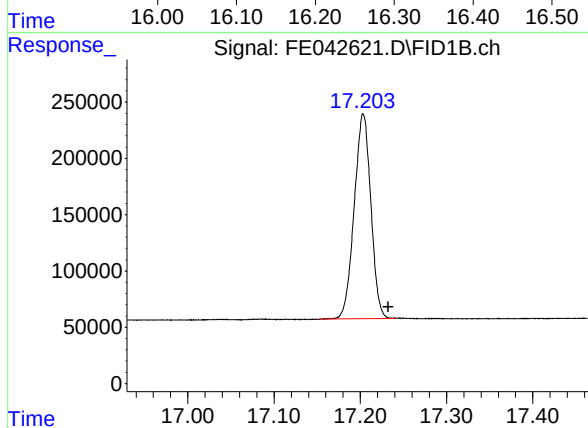
#14 n-Tetracosane (C24)

R.T.: 15.231 min
Delta R.T.: -0.030 min
Response: 2434083
Conc: 16.86 ug/ml



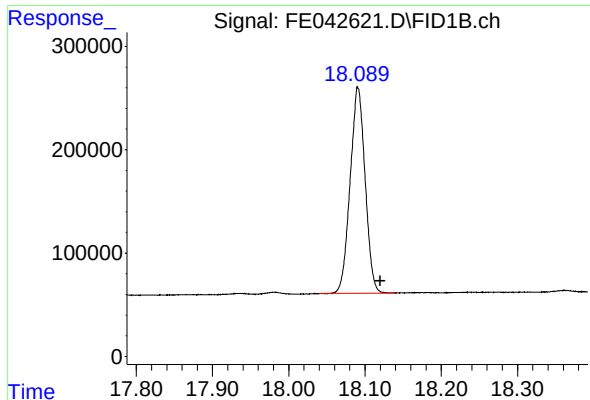
#15 n-Hexacosane (C26)

R.T.: 16.253 min
Delta R.T.: -0.028 min
Response: 2375017
Conc: 17.15 ug/ml



#16 n-Octacosane (C28)

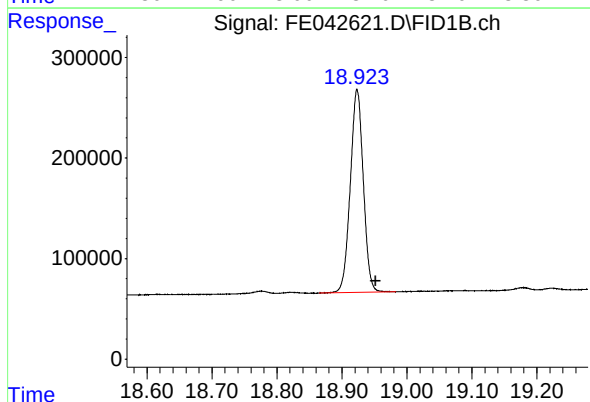
R.T.: 17.203 min
Delta R.T.: -0.029 min
Response: 2437354
Conc: 18.21 ug/ml



#17 n-Tricontane (C30)

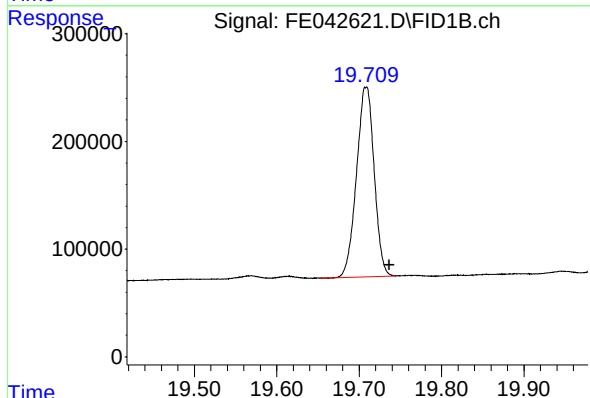
R.T.: 18.091 min
Delta R.T.: -0.029 min
Response: 2721765
Conc: 20.16 ug/ml

Instrument :
FID_E
ClientSampleId :



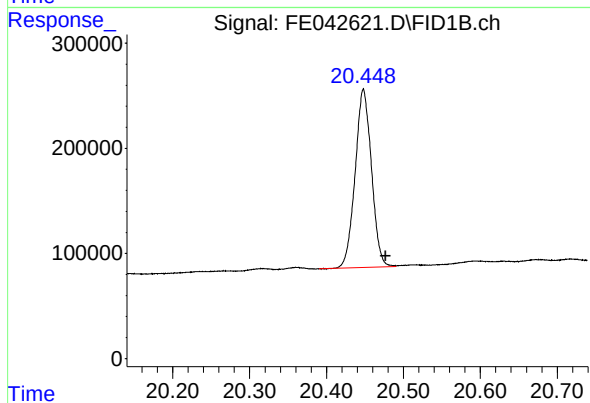
#18 n-Dotriacontane (C32)

R.T.: 18.923 min
Delta R.T.: -0.029 min
Response: 2812160
Conc: 21.05 ug/ml



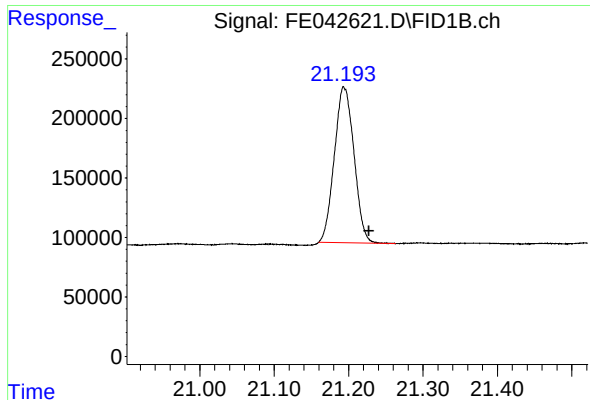
#19 n-Tetratriacontane (C34)

R.T.: 19.708 min
Delta R.T.: -0.028 min
Response: 2622077
Conc: 19.94 ug/ml



#20 n-Hexatriacontane (C36)

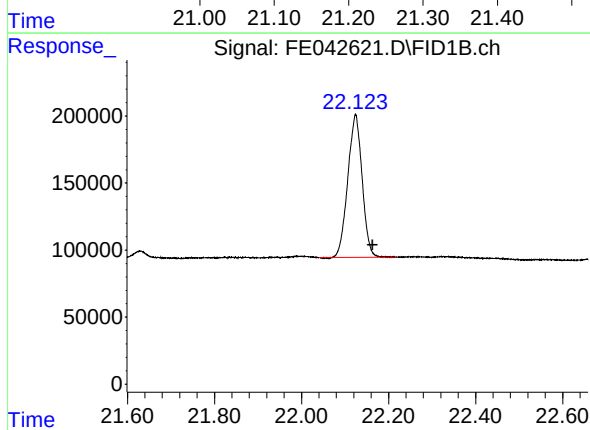
R.T.: 20.448 min
Delta R.T.: -0.029 min
Response: 2508529
Conc: 19.30 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.194 min
Delta R.T.: -0.034 min
Response: 2400315
Conc: 17.69 ug/ml

Instrument :
FID_E
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 22.124 min
Delta R.T.: -0.039 min
Response: 2436847
Conc: 17.52 ug/ml