

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE080723AL\
 Data File : FE043780.D
 Signal(s) : FID1B.ch
 Acq On : 07 Aug 2023 15:53
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: Aug 08 01:43:27 2023
 Quant Title :
 QLast Update : Wed Aug 02 09:56:52 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)	11.939	3760857	18.250 ug/ml
Spiked Amount 50.000		Recovery =	36.50%
12) S 1-chlorooctadecane (S...	13.379	2829933	18.135 ug/ml
Spiked Amount 50.000		Recovery =	36.27%
Target Compounds			
1) T n-Nonane (C9)	3.328	3033489	18.785 ug/ml
2) T n-Decane (C10)	4.579	3100209	18.810 ug/ml
3) T A~Naphthalene (C11.7)	6.278	3418487	18.776 ug/ml
4) T n-Dodecane (C12)	6.743	3141565	18.771 ug/ml
5) T A~2-methylnaphthalene...	7.373	3333310	18.724 ug/ml
6) T n-Tetradecane (C14)	8.570	3161072	18.762 ug/ml
7) T n-Hexadecane (C16)	10.179	3281142	18.601 ug/ml
8) T n-Octadecane (C18)	11.623	3349704	18.492 ug/ml
10) T n-Eicosane (C20)	12.933	3250139	18.366 ug/ml
11) T n-Heneicosane (C21)	13.546	3206504	18.109 ug/ml
13) T n-Docosane (C22)	14.133	3189294	18.183 ug/ml
14) T n-Tetracosane (C24)	15.238	3158702	17.978 ug/ml
15) T n-Hexacosane (C26)	16.259	3060113	17.705 ug/ml
16) T n-Octacosane (C28)	17.211	2922245	17.465 ug/ml
17) T n-Tricontane (C30)	18.100	2879874	17.388 ug/ml
18) T n-Dotriacontane (C32)	18.933	2749483	17.414 ug/ml
19) T n-Tetratriacontane (C34)	19.718	2625651	17.669 ug/ml
20) T n-Hexatriacontane (C36)	20.461	2489907	17.813 ug/ml
21) T n-Octatriacontane (C38)	21.203	2466701	18.490 ug/ml
22) T n-Tetracontane (C40)	22.127	2504743	19.412 ug/ml

(f)=RT Delta > 1/2 Window

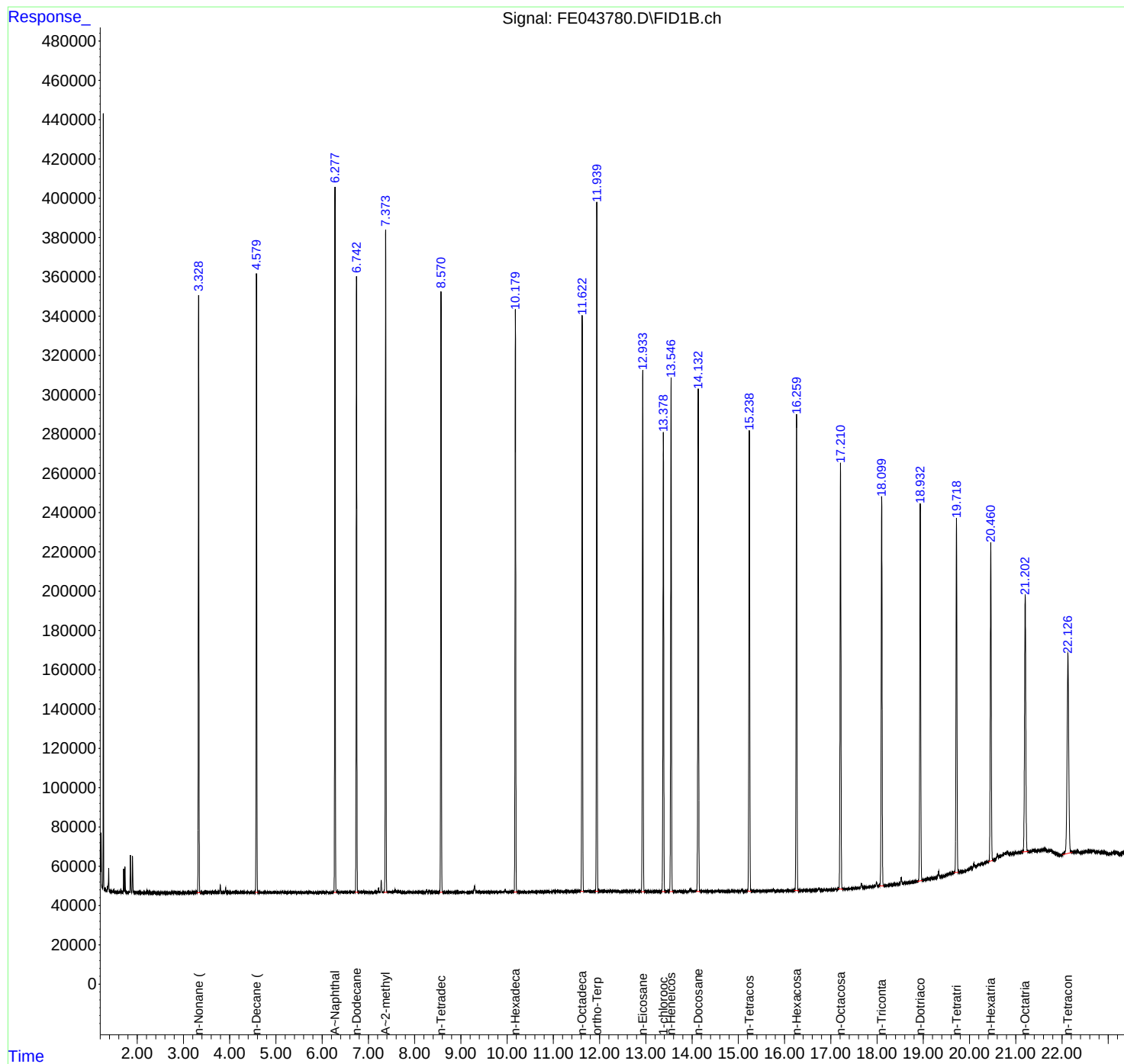
(m)=manual int.

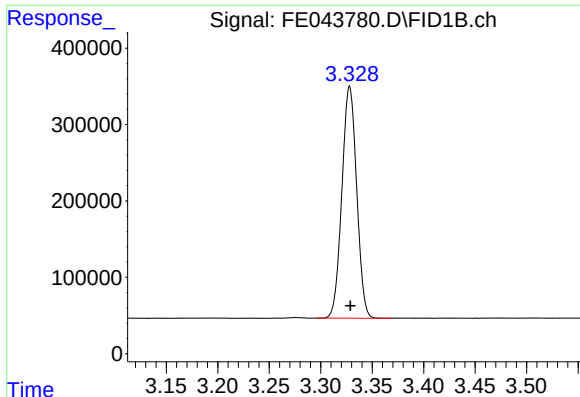
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE080723AL\
Data File : FE043780.D
Signal(s) : FID1B.ch
Acq On : 07 Aug 2023 15:53
Operator : YP\AJ
Sample : 20 PPM ALIPHATIC HC STD
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
Quant Time: Aug 08 01:43:27 2023
Quant Title :
QLast Update : Wed Aug 02 09:56:52 2023
Response via : Initial Calibration
Integrator: ChemStation

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

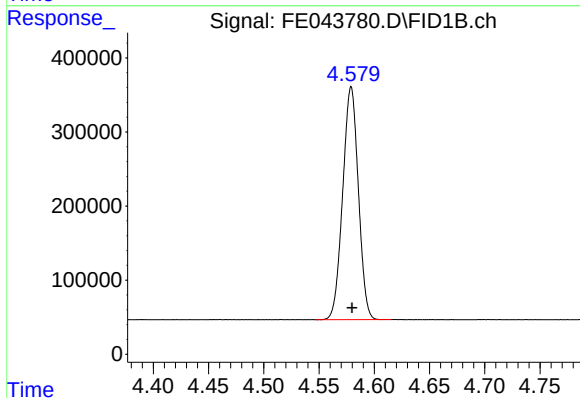




#1 n-Nonane (C9)

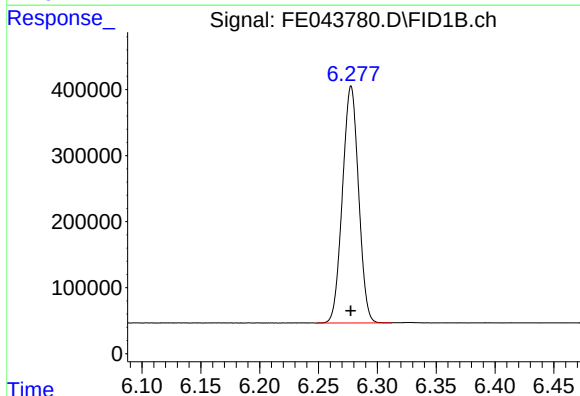
R.T.: 3.328 min
Delta R.T.: 0.000 min
Response: 3033489
Conc: 18.78 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



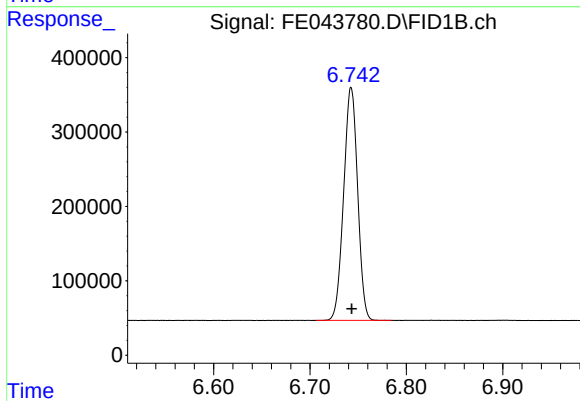
#2 n-Decane (C10)

R.T.: 4.579 min
Delta R.T.: 0.000 min
Response: 3100209
Conc: 18.81 ug/ml



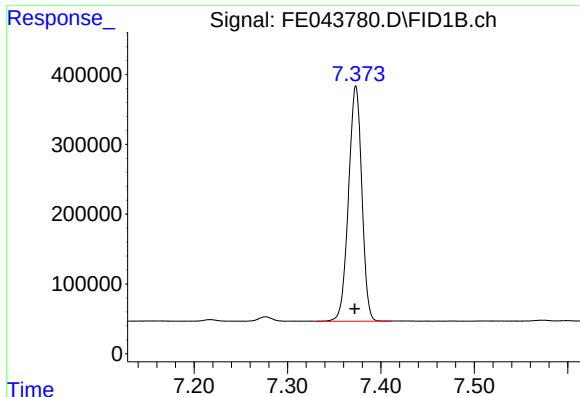
#3 A~Naphthalene (C11.7)

R.T.: 6.278 min
Delta R.T.: 0.000 min
Response: 3418487
Conc: 18.78 ug/ml



#4 n-Dodecane (C12)

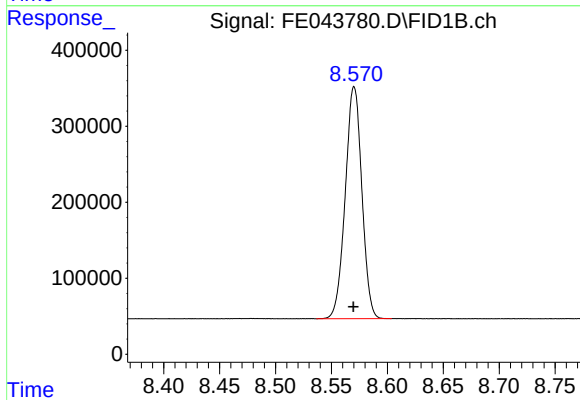
R.T.: 6.743 min
Delta R.T.: 0.000 min
Response: 3141565
Conc: 18.77 ug/ml



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

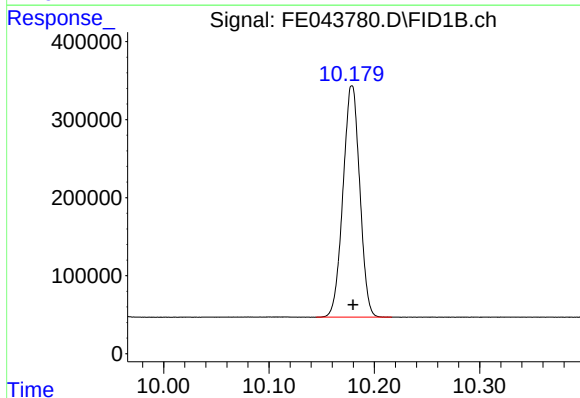
R.T.: 7.373 min
Delta R.T.: 0.001 min
Response: 3333310
Conc: 18.72 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



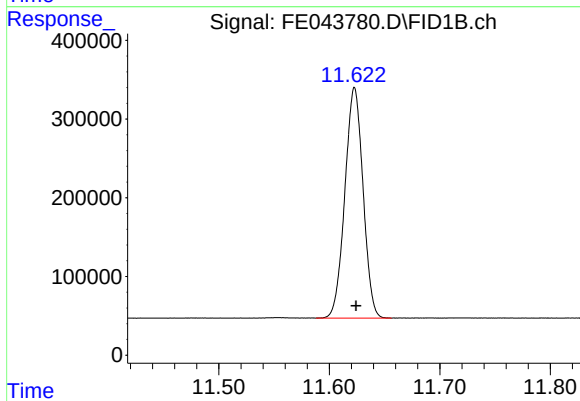
#6 n-Tetradecane (C14)

R.T.: 8.570 min
Delta R.T.: 0.000 min
Response: 3161072
Conc: 18.76 ug/ml



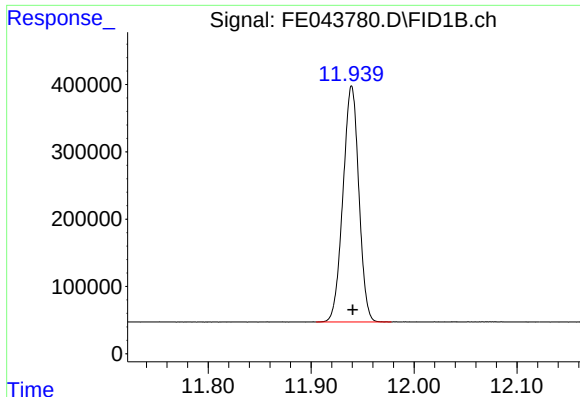
#7 n-Hexadecane (C16)

R.T.: 10.179 min
Delta R.T.: 0.000 min
Response: 3281142
Conc: 18.60 ug/ml



#8 n-Octadecane (C18)

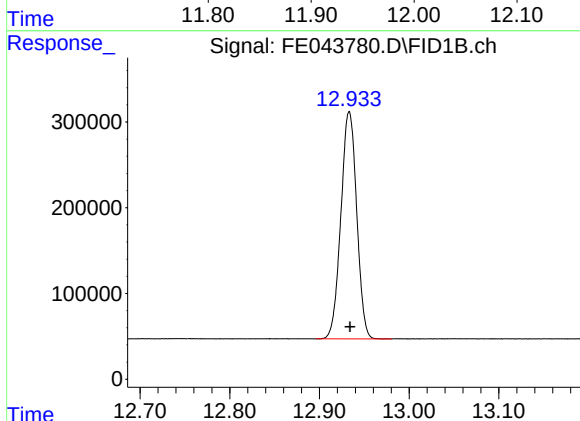
R.T.: 11.623 min
Delta R.T.: -0.001 min
Response: 3349704
Conc: 18.49 ug/ml



#9 ortho-Terphenyl (SURR)

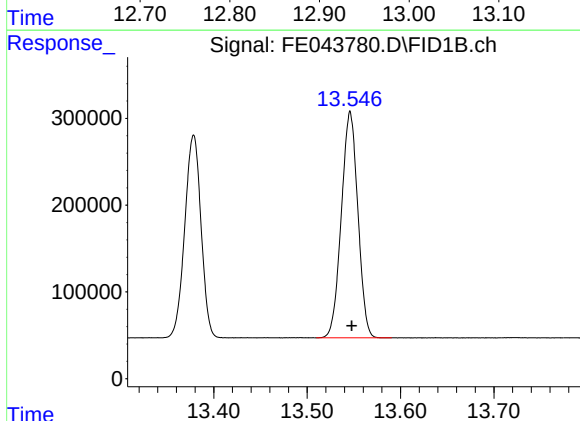
R.T.: 11.939 min
Delta R.T.: 0.000 min
Response: 3760857
Conc: 18.25 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



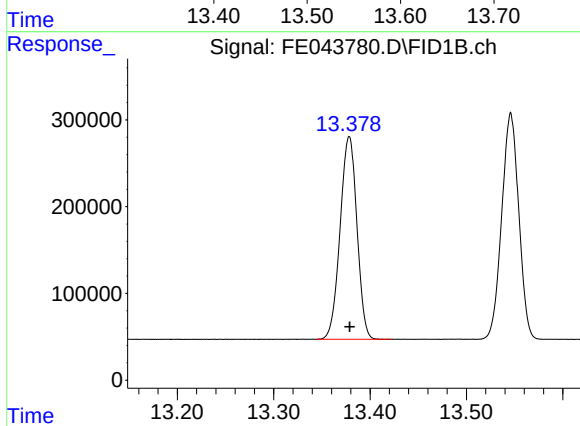
#10 n-Eicosane (C20)

R.T.: 12.933 min
Delta R.T.: -0.001 min
Response: 3250139
Conc: 18.37 ug/ml



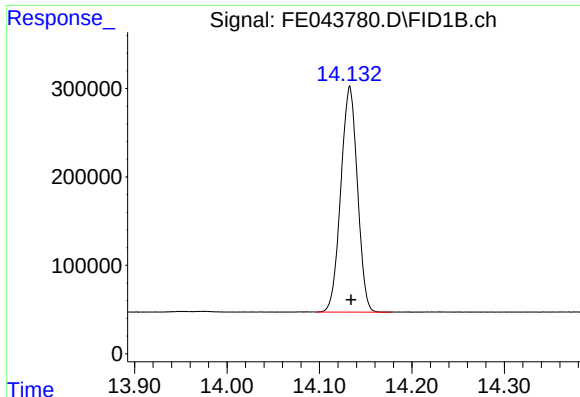
#11 n-Heneicosane (C21)

R.T.: 13.546 min
Delta R.T.: -0.002 min
Response: 3206504
Conc: 18.11 ug/ml



#12 1-chlorooctadecane (SURR)

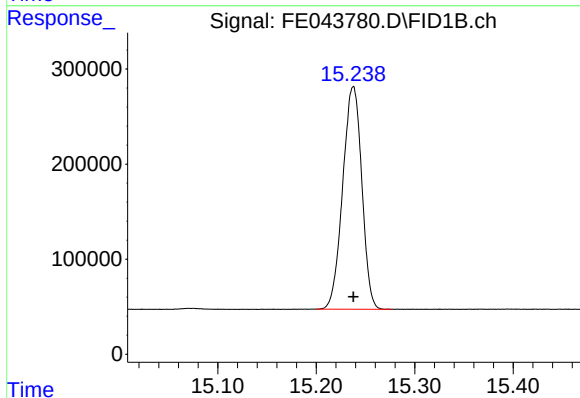
R.T.: 13.379 min
Delta R.T.: 0.000 min
Response: 2829933
Conc: 18.14 ug/ml



#13 n-Docosane (C22)

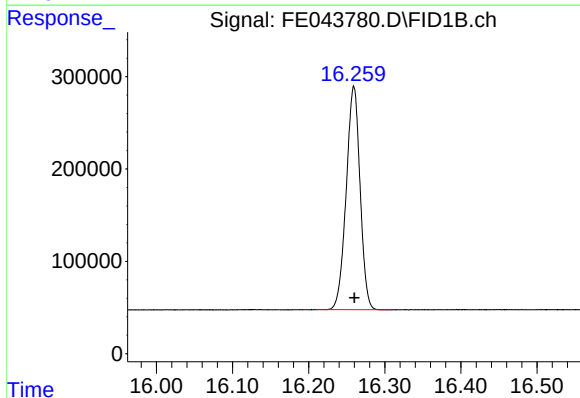
R.T.: 14.133 min
Delta R.T.: -0.001 min
Response: 3189294
Conc: 18.18 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



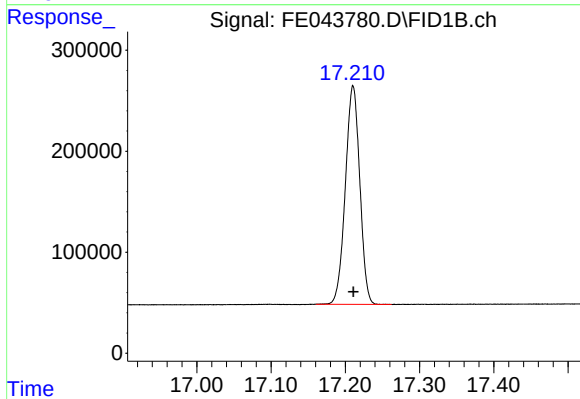
#14 n-Tetracosane (C24)

R.T.: 15.238 min
Delta R.T.: 0.000 min
Response: 3158702
Conc: 17.98 ug/ml



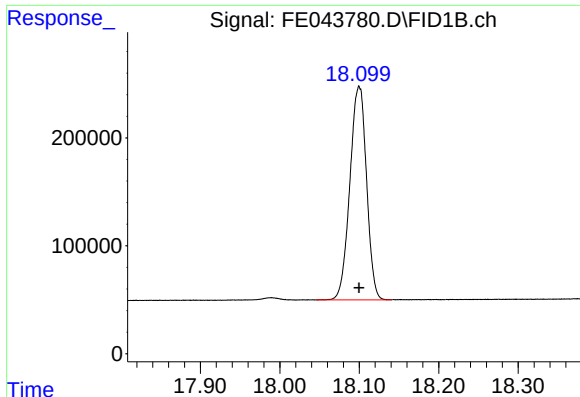
#15 n-Hexacosane (C26)

R.T.: 16.259 min
Delta R.T.: 0.000 min
Response: 3060113
Conc: 17.71 ug/ml



#16 n-Octacosane (C28)

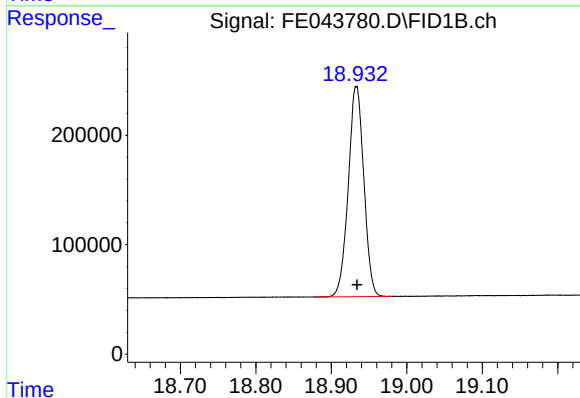
R.T.: 17.211 min
Delta R.T.: 0.000 min
Response: 2922245
Conc: 17.47 ug/ml



#17 n-Tricontane (C30)

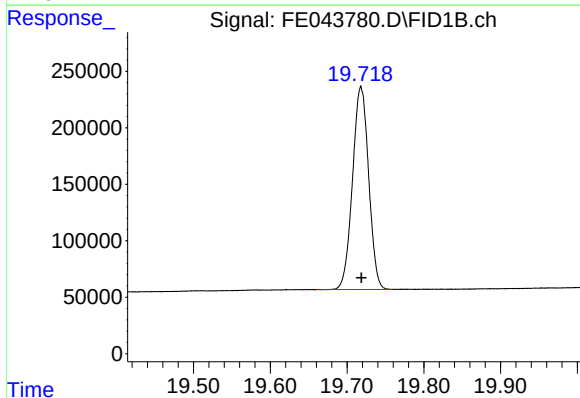
R.T.: 18.100 min
Delta R.T.: 0.000 min
Response: 2879874
Conc: 17.39 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



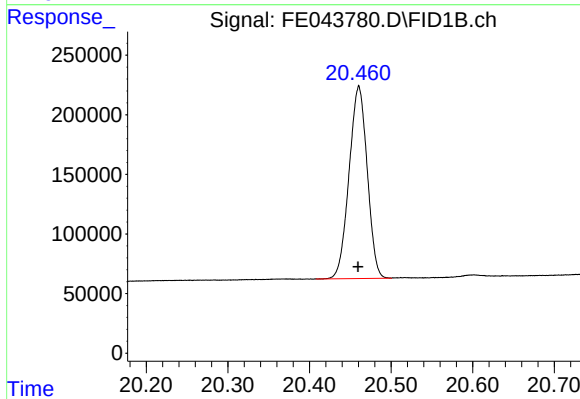
#18 n-Dotriacontane (C32)

R.T.: 18.933 min
Delta R.T.: 0.000 min
Response: 2749483
Conc: 17.41 ug/ml



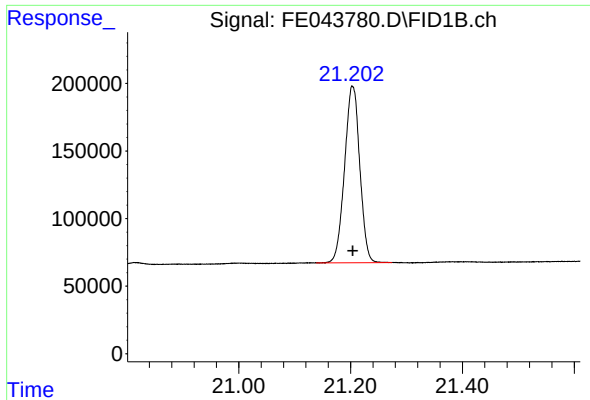
#19 n-Tetratriacontane (C34)

R.T.: 19.718 min
Delta R.T.: 0.000 min
Response: 2625651
Conc: 17.67 ug/ml



#20 n-Hexatriacontane (C36)

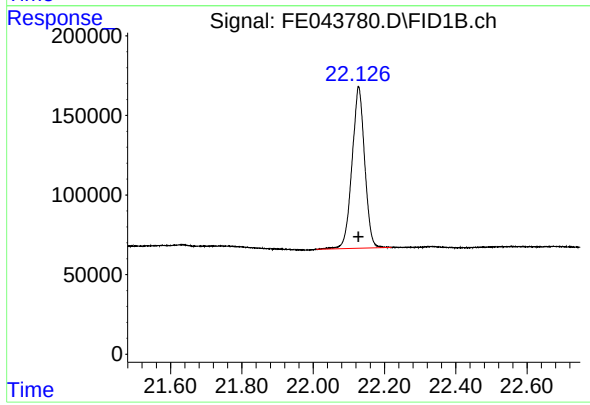
R.T.: 20.461 min
Delta R.T.: 0.000 min
Response: 2489907
Conc: 17.81 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.203 min
Delta R.T.: 0.000 min
Response: 2466701
Conc: 18.49 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 22.127 min
Delta R.T.: 0.000 min
Response: 2504743
Conc: 19.41 ug/ml