

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE052223AL\
 Data File : FE042120.D
 Signal(s) : FID1B.ch
 Acq On : 22 May 2023 23:56
 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: May 23 01:11:57 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)	11.959	3714470	21.036 ug/ml
Spiked Amount 50.000		Recovery =	42.07%
12) S 1-chlorooctadecane (S...	13.394	2773375	20.871 ug/ml
Spiked Amount 50.000		Recovery =	41.74%
Target Compounds			
1) T n-Nonane (C9)	3.342	2931023	20.326 ug/ml
2) T n-Decane (C10)	4.593	2993838	20.224 ug/ml
3) T A~Naphthalene (C11.7)	6.298	3314064	20.312 ug/ml
4) T n-Dodecane (C12)	6.760	3046806	20.318 ug/ml
5) T A~2-methylnaphthalene...	7.395	3216082	20.265 ug/ml
6) T n-Tetradecane (C14)	8.589	3052074	20.373 ug/ml
7) T n-Hexadecane (C16)	10.196	3209910	20.607 ug/ml
8) T n-Octadecane (C18)	11.639	3285412	20.776 ug/ml
10) T n-Eicosane (C20)	12.948	3176939	20.958 ug/ml
11) T n-Heneicosane (C21)	13.560	3122936	21.079 ug/ml
13) T n-Docosane (C22)	14.146	3093200	21.100 ug/ml
14) T n-Tetracosane (C24)	15.249	3043492	21.083 ug/ml
15) T n-Hexacosane (C26)	16.269	2936124	21.200 ug/ml
16) T n-Octacosane (C28)	17.219	2821341	21.073 ug/ml
17) T n-Tricontane (C30)	18.106	2842738	21.059 ug/ml
18) T n-Dotriacontane (C32)	18.938	2754715	20.621 ug/ml
19) T n-Tetratriacontane (C34)	19.722	2593298	19.719 ug/ml
20) T n-Hexatriacontane (C36)	20.463	2422447	18.638 ug/ml
21) T n-Octatriacontane (C38)	21.208	2404220	17.721 ug/ml
22) T n-Tetracontane (C40)	22.141	2388466	17.169 ug/ml

(f)=RT Delta > 1/2 Window

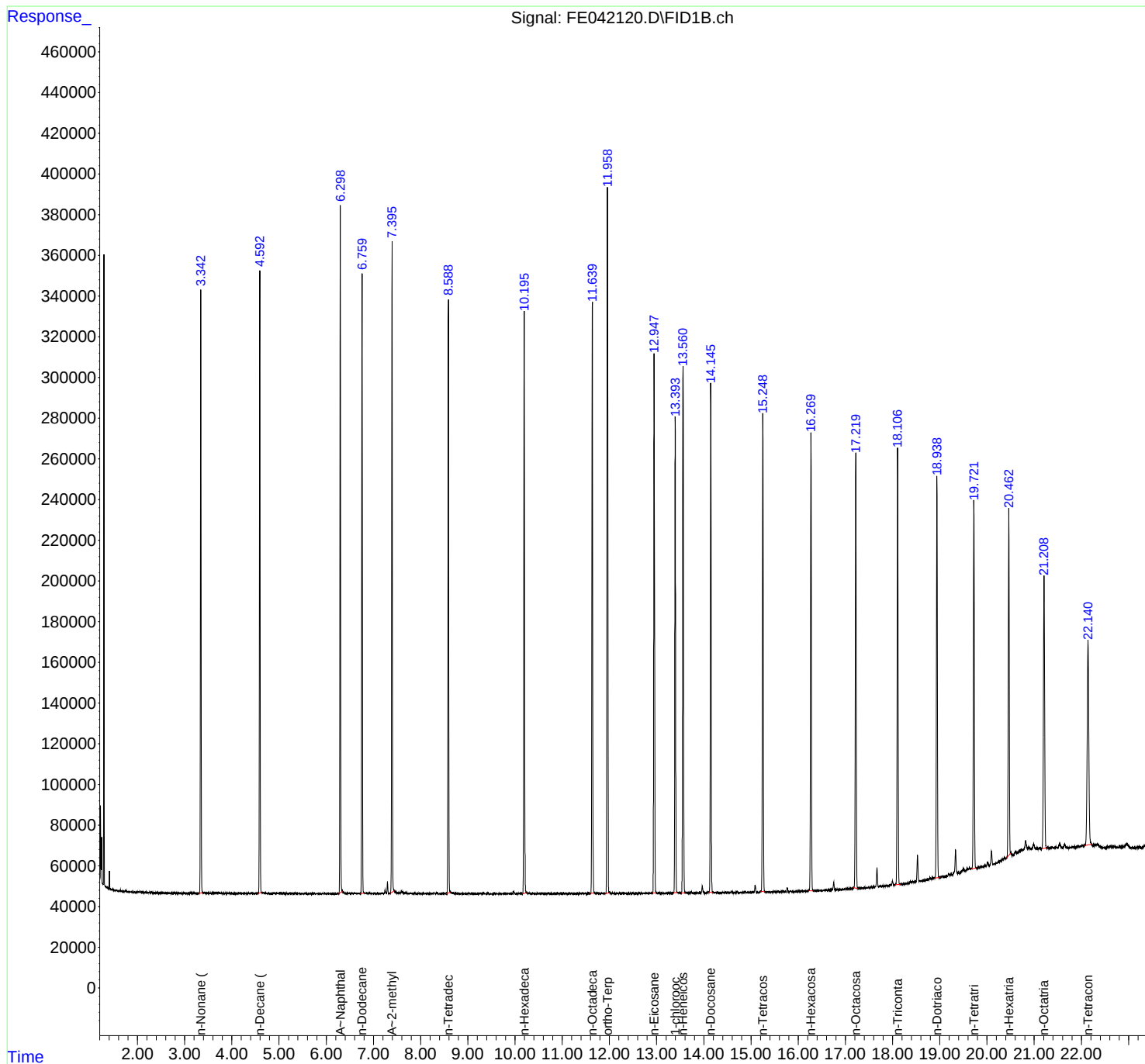
(m)=manual int.

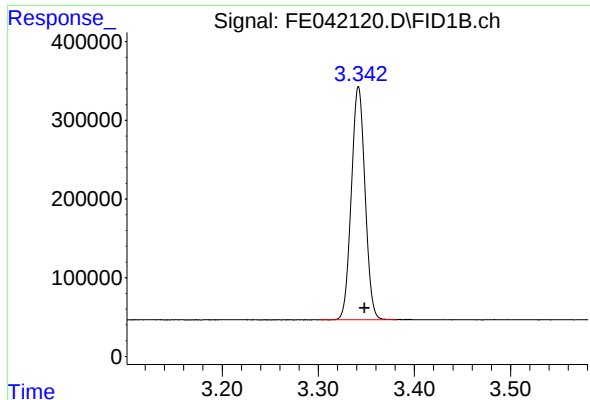
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE052223AL\
Data File : FE042120.D
Signal(s) : FID1B.ch
Acq On : 22 May 2023 23:56
Operator : YP\AJ
Sample : 20 PPM ALIPHATIC HC STD
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
Quant Time: May 23 01:11:57 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

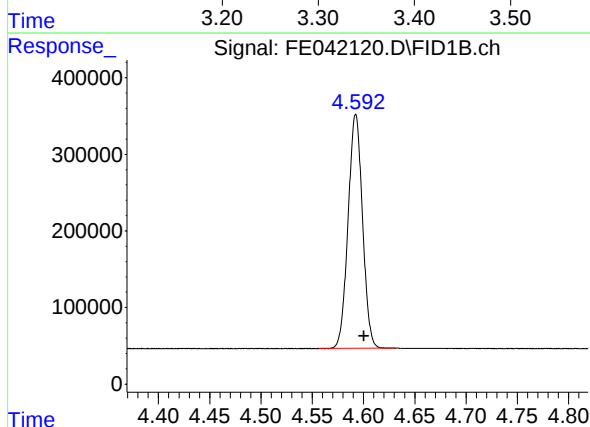




#1 n-Nonane (C9)

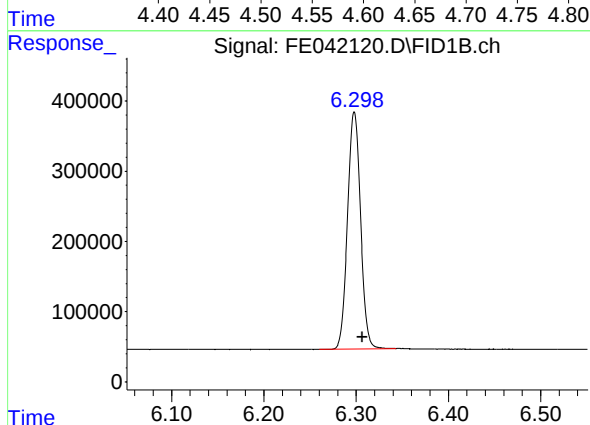
R.T.: 3.342 min
Delta R.T.: -0.006 min
Response: 2931023
Conc: 20.33 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



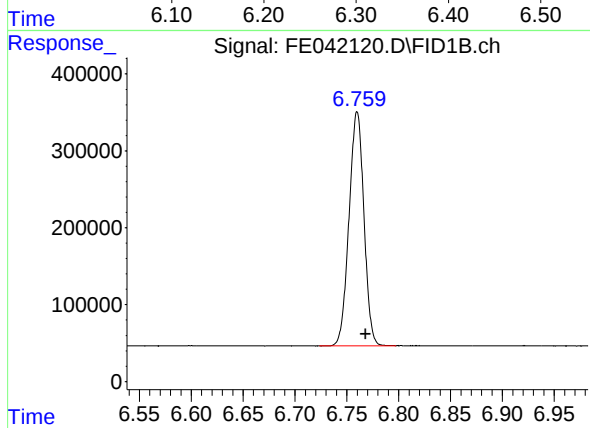
#2 n-Decane (C10)

R.T.: 4.593 min
Delta R.T.: -0.008 min
Response: 2993838
Conc: 20.22 ug/ml



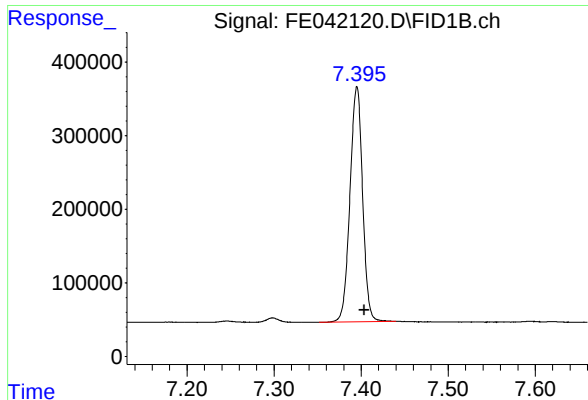
#3 A~Naphthalene (C11.7)

R.T.: 6.298 min
Delta R.T.: -0.009 min
Response: 3314064
Conc: 20.31 ug/ml



#4 n-Dodecane (C12)

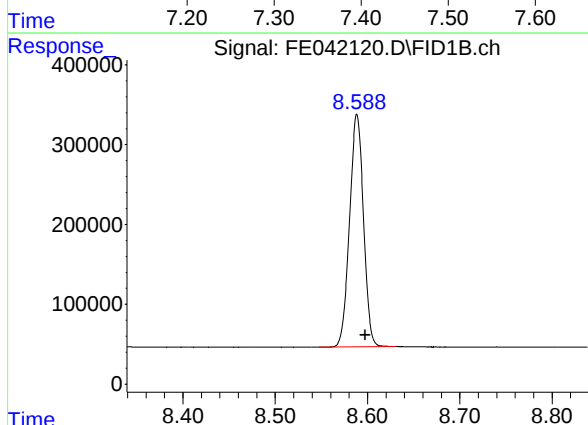
R.T.: 6.760 min
Delta R.T.: -0.008 min
Response: 3046806
Conc: 20.32 ug/ml



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

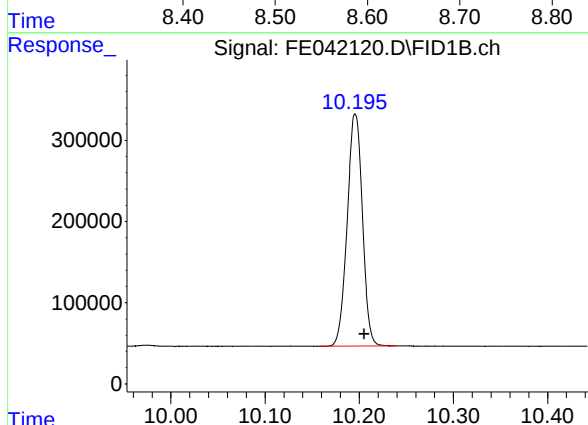
R.T.: 7.395 min
Delta R.T.: -0.008 min
Response: 3216082
Conc: 20.26 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



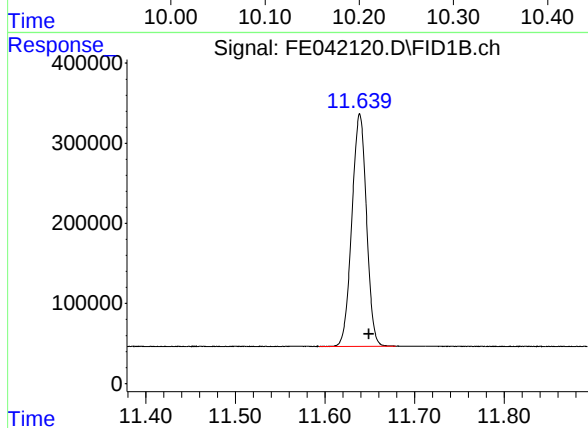
#6 n-Tetradecane (C14)

R.T.: 8.589 min
Delta R.T.: -0.009 min
Response: 3052074
Conc: 20.37 ug/ml



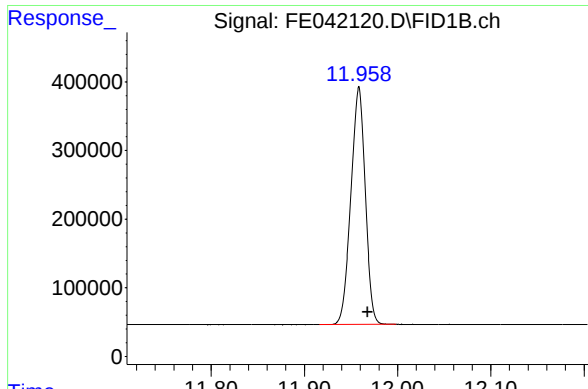
#7 n-Hexadecane (C16)

R.T.: 10.196 min
Delta R.T.: -0.009 min
Response: 3209910
Conc: 20.61 ug/ml



#8 n-Octadecane (C18)

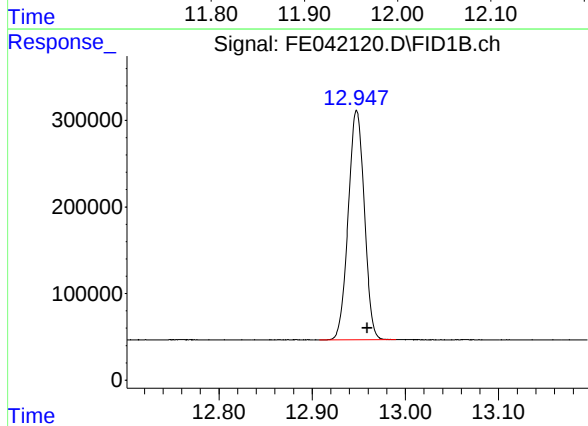
R.T.: 11.639 min
Delta R.T.: -0.010 min
Response: 3285412
Conc: 20.78 ug/ml



#9 ortho-Terphenyl (SURR)

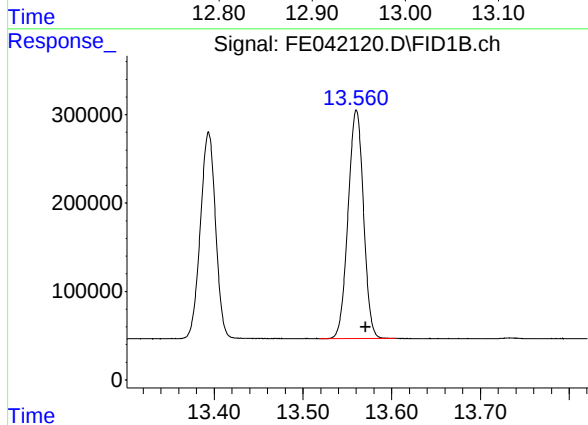
R.T.: 11.959 min
Delta R.T.: -0.010 min
Response: 3714470
Conc: 21.04 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



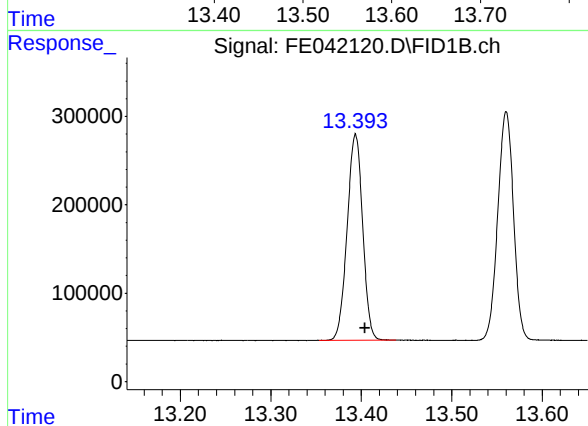
#10 n-Eicosane (C20)

R.T.: 12.948 min
Delta R.T.: -0.011 min
Response: 3176939
Conc: 20.96 ug/ml



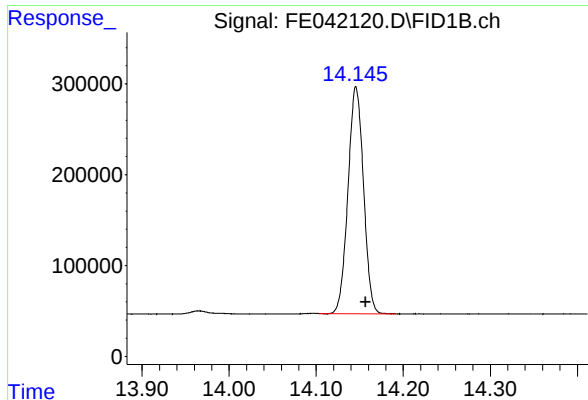
#11 n-Heneicosane (C21)

R.T.: 13.560 min
Delta R.T.: -0.011 min
Response: 3122936
Conc: 21.08 ug/ml



#12 1-chlorooctadecane (SURR)

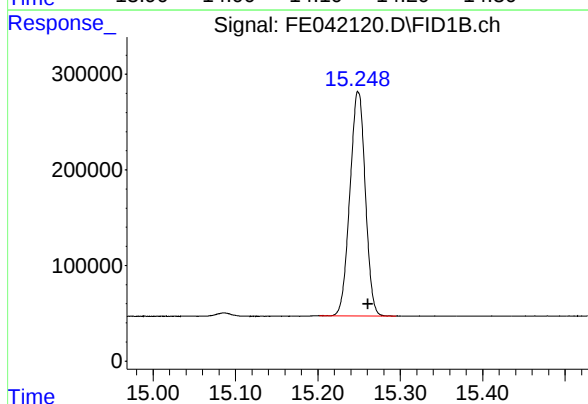
R.T.: 13.394 min
Delta R.T.: -0.010 min
Response: 2773375
Conc: 20.87 ug/ml



#13 n-Docosane (C22)

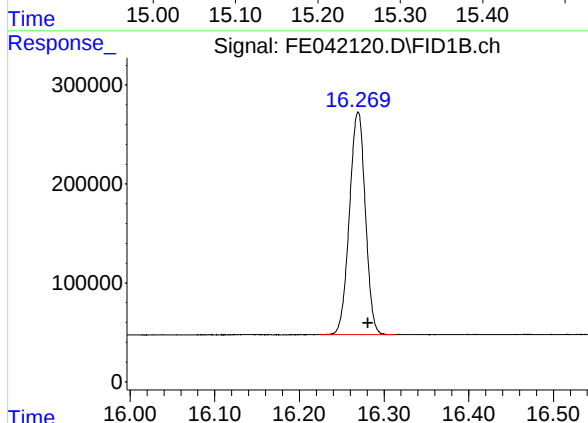
R.T.: 14.146 min
Delta R.T.: -0.011 min
Response: 3093200
Conc: 21.10 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



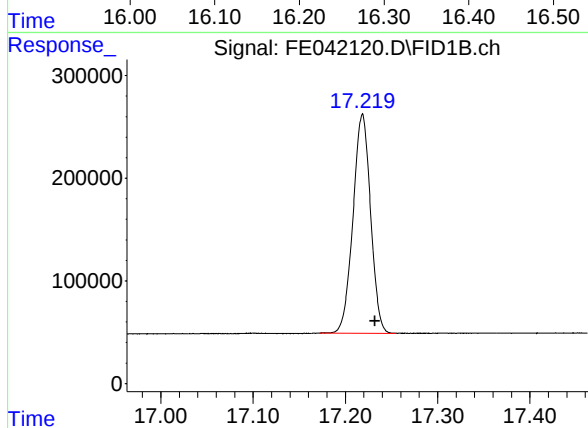
#14 n-Tetracosane (C24)

R.T.: 15.249 min
Delta R.T.: -0.012 min
Response: 3043492
Conc: 21.08 ug/ml



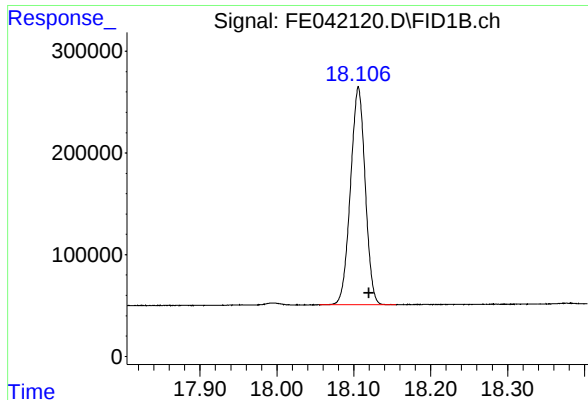
#15 n-Hexacosane (C26)

R.T.: 16.269 min
Delta R.T.: -0.012 min
Response: 2936124
Conc: 21.20 ug/ml



#16 n-Octacosane (C28)

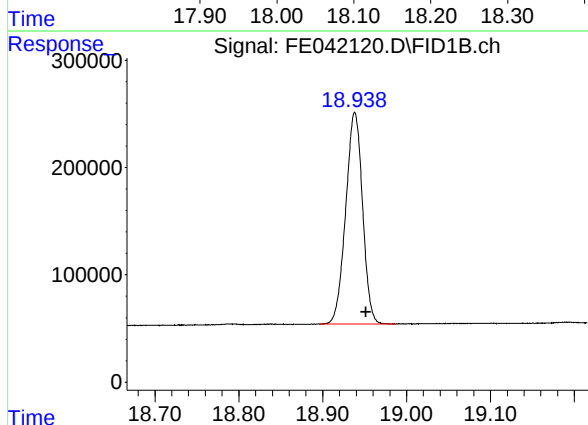
R.T.: 17.219 min
Delta R.T.: -0.014 min
Response: 2821341
Conc: 21.07 ug/ml



#17 n-Tricontane (C30)

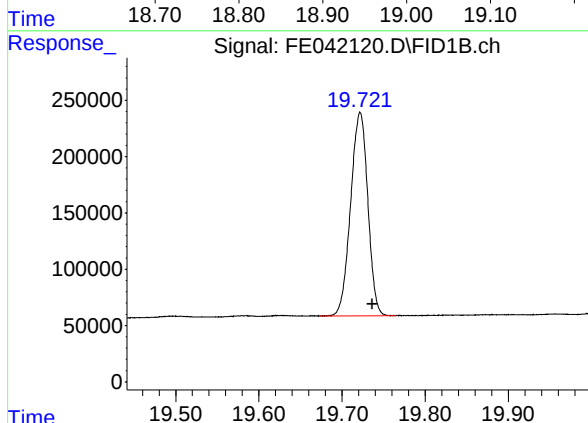
R.T.: 18.106 min
Delta R.T.: -0.014 min
Response: 2842738
Conc: 21.06 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



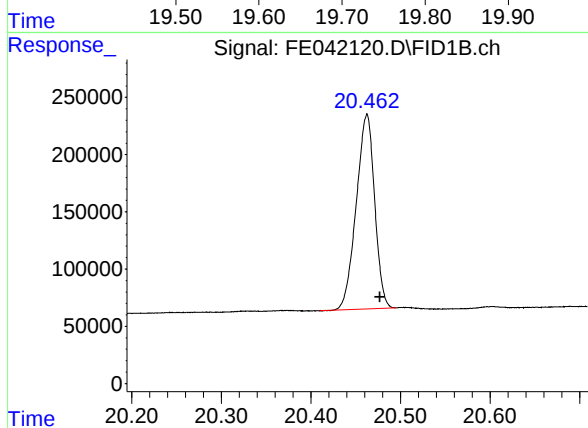
#18 n-Dotriacontane (C32)

R.T.: 18.938 min
Delta R.T.: -0.014 min
Response: 2754715
Conc: 20.62 ug/ml



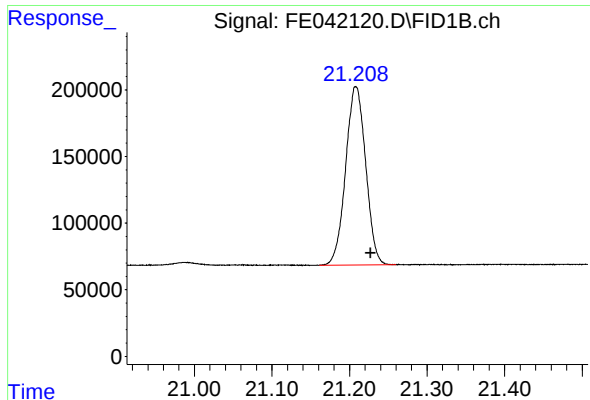
#19 n-Tetratriacontane (C34)

R.T.: 19.722 min
Delta R.T.: -0.015 min
Response: 2593298
Conc: 19.72 ug/ml



#20 n-Hexatriacontane (C36)

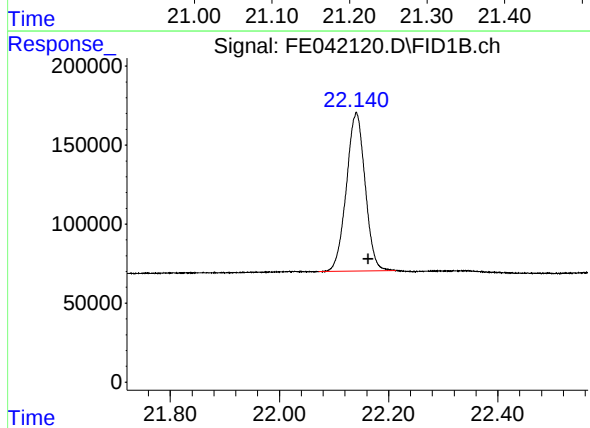
R.T.: 20.463 min
Delta R.T.: -0.014 min
Response: 2422447
Conc: 18.64 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.208 min
Delta R.T.: -0.019 min
Response: 2404220
Conc: 17.72 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 22.141 min
Delta R.T.: -0.022 min
Response: 2388466
Conc: 17.17 ug/ml