

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE050323AL\
 Data File : FE041695.D
 Signal(s) : FID1B.ch
 Acq On : 03 May 2023 09:05
 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 03 10:50:24 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 042123.M
 Quant Title : GC Extractables
 QLast Update : Fri Apr 21 07:33:51 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)	11.979	3785559	20.178 ug/ml
Spiked Amount 50.000		Recovery =	40.36%
12) S 1-chlorooctadecane (S...	13.415	2787618	19.733 ug/ml
Spiked Amount 50.000		Recovery =	39.47%
Target Compounds			
1) T n-Nonane (C9)	3.353	3042973	20.701 ug/ml
2) T n-Decane (C10)	4.606	3153432	21.026 ug/ml
3) T A~Naphthalene (C11.7)	6.313	3473020	20.986 ug/ml
4) T n-Dodecane (C12)	6.776	3191761	20.992 ug/ml
5) T A~2-methylnaphthalene...	7.411	3383999	20.986 ug/ml
6) T n-Tetradecane (C14)	8.606	3196998	21.046 ug/ml
7) T n-Hexadecane (C16)	10.214	3323044	20.823 ug/ml
8) T n-Octadecane (C18)	11.659	3371089	20.566 ug/ml
10) T n-Eicosane (C20)	12.970	3236956	20.125 ug/ml
11) T n-Heneicosane (C21)	13.582	3171363	19.899 ug/ml
13) T n-Docosane (C22)	14.168	3143917	19.732 ug/ml
14) T n-Tetracosane (C24)	15.273	3125348	19.386 ug/ml
15) T n-Hexacosane (C26)	16.293	3018298	19.091 ug/ml
16) T n-Octacosane (C28)	17.244	2941458	19.116 ug/ml
17) T n-Tricontane (C30)	18.132	3008362	19.752 ug/ml
18) T n-Dotriacontane (C32)	18.966	2952136	19.816 ug/ml
19) T n-Tetratriacontane (C34)	19.748	2834422	20.120 ug/ml
20) T n-Hexatriacontane (C36)	20.490	2738833	20.480 ug/ml
21) T n-Octatriacontane (C38)	21.246	2781851	21.053 ug/ml
22) T n-Tetracontane (C40)	22.189	2841335	22.441 ug/ml

(f)=RT Delta > 1/2 Window

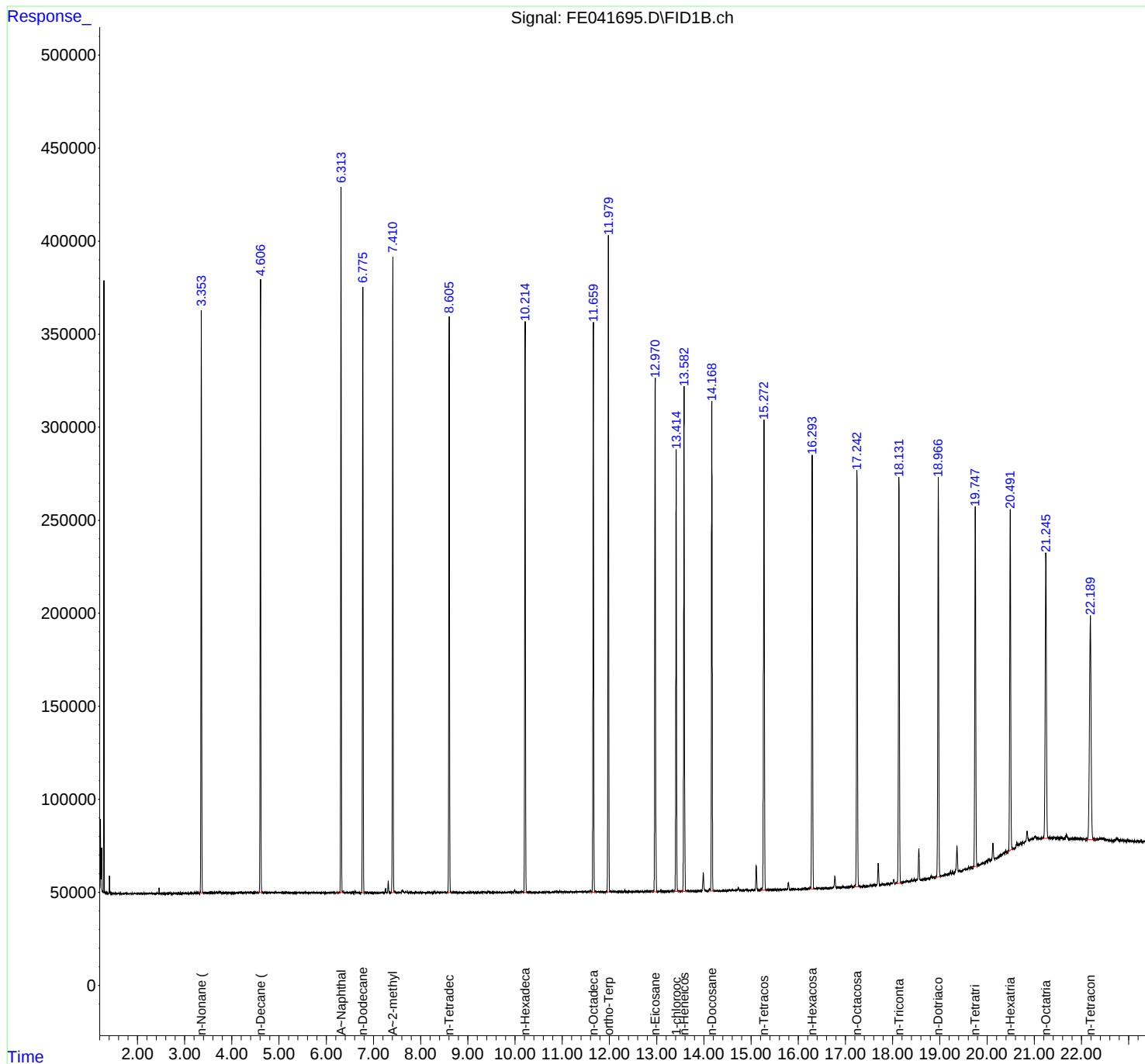
(m)=manual int.

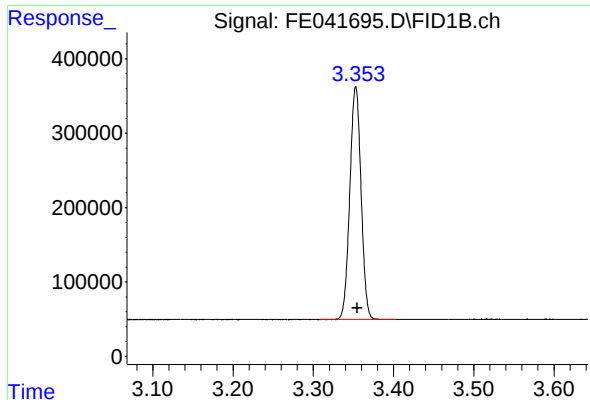
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE050323AL\
Data File : FE041695.D
Signal(s) : FID1B.ch
Acq On : 03 May 2023 09:05
Operator : YP\AJ
Sample : 20 PPM ALIPHATIC HC STD
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
Quant Time: May 03 10:50:24 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 042123.M
Quant Title : GC Extractables
QLast Update : Fri Apr 21 07:33:51 2023
Response via : Initial Calibration
Integrator: ChemStation

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

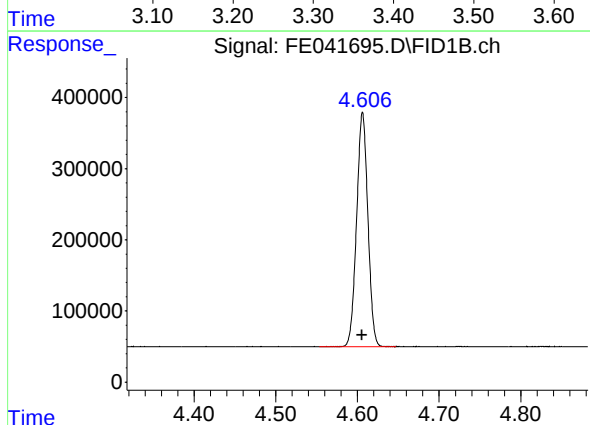




#1 n-Nonane (C9)

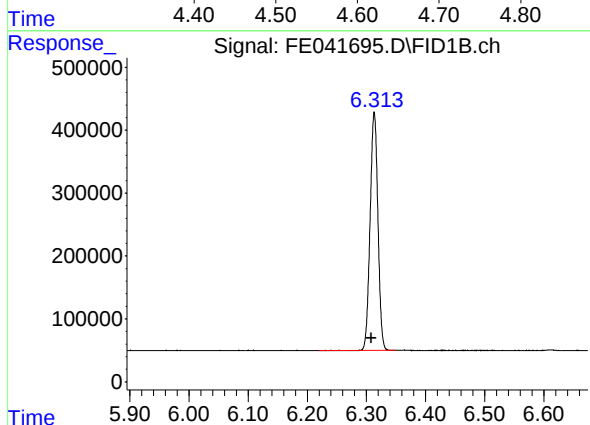
R.T.: 3.353 min
Delta R.T.: -0.002 min
Response: 3042973
Conc: 20.70 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



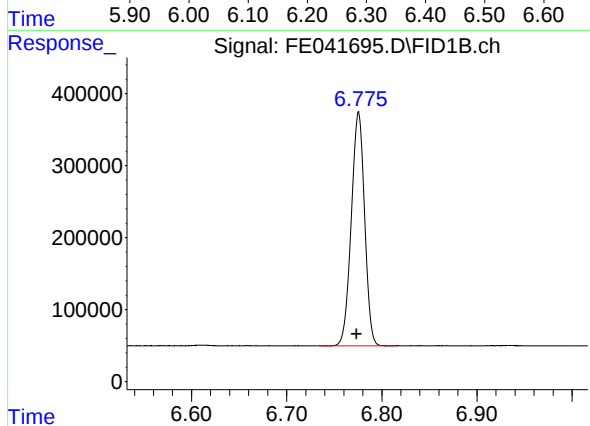
#2 n-Decane (C10)

R.T.: 4.606 min
Delta R.T.: 0.000 min
Response: 3153432
Conc: 21.03 ug/ml



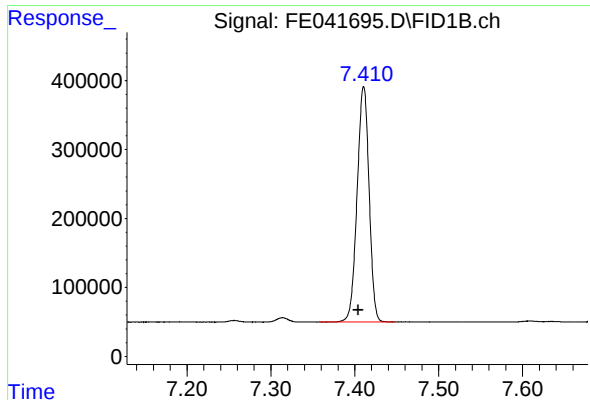
#3 A~Naphthalene (C11.7)

R.T.: 6.313 min
Delta R.T.: 0.005 min
Response: 3473020
Conc: 20.99 ug/ml



#4 n-Dodecane (C12)

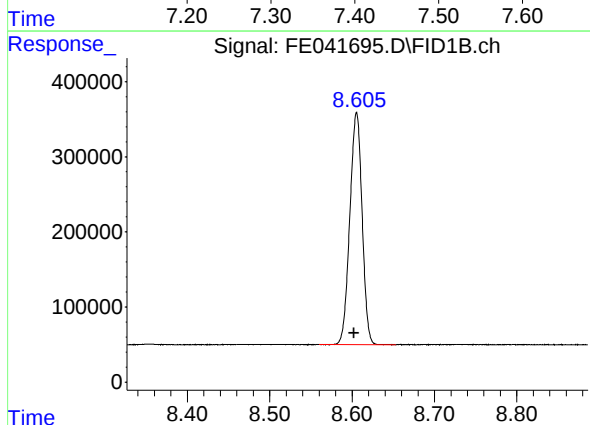
R.T.: 6.776 min
Delta R.T.: 0.002 min
Response: 3191761
Conc: 20.99 ug/ml



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

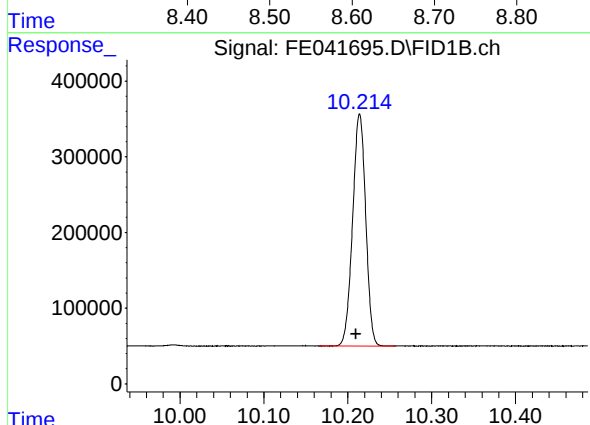
R.T.: 7.411 min
Delta R.T.: 0.006 min
Response: 3383999
Conc: 20.99 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



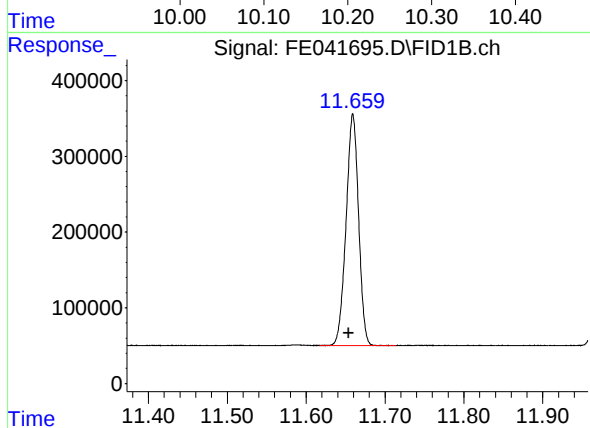
#6 n-Tetradecane (C14)

R.T.: 8.606 min
Delta R.T.: 0.003 min
Response: 3196998
Conc: 21.05 ug/ml



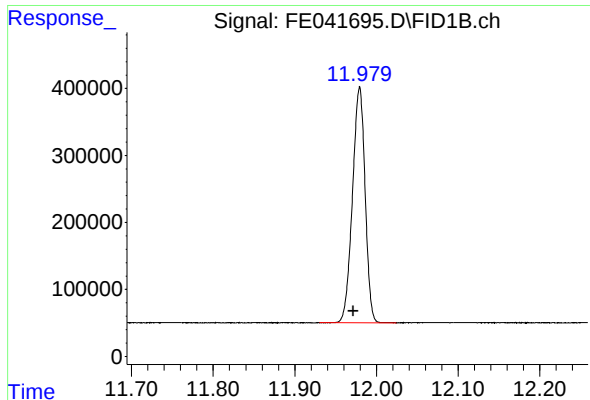
#7 n-Hexadecane (C16)

R.T.: 10.214 min
Delta R.T.: 0.004 min
Response: 3323044
Conc: 20.82 ug/ml



#8 n-Octadecane (C18)

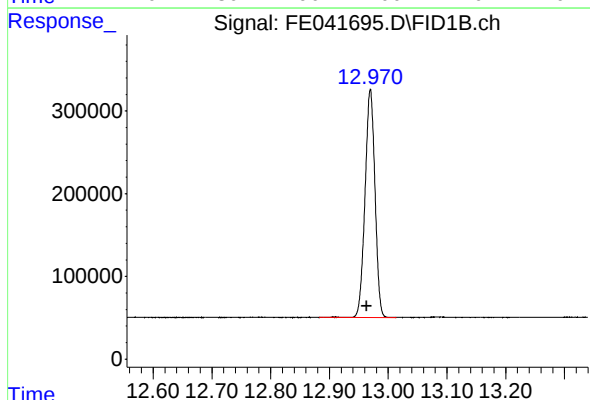
R.T.: 11.659 min
Delta R.T.: 0.005 min
Response: 3371089
Conc: 20.57 ug/ml



#9 ortho-Terphenyl (SURR)

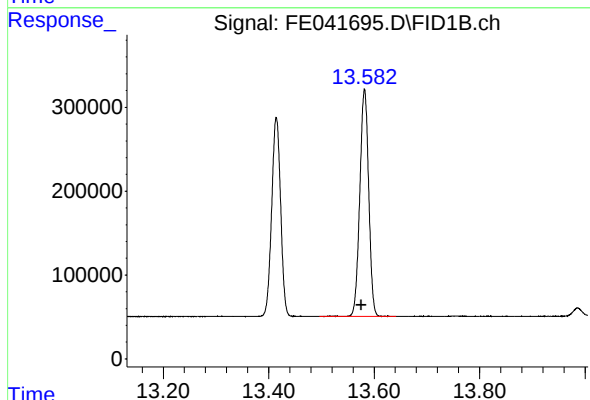
R.T.: 11.979 min
Delta R.T.: 0.008 min
Response: 3785559
Conc: 20.18 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



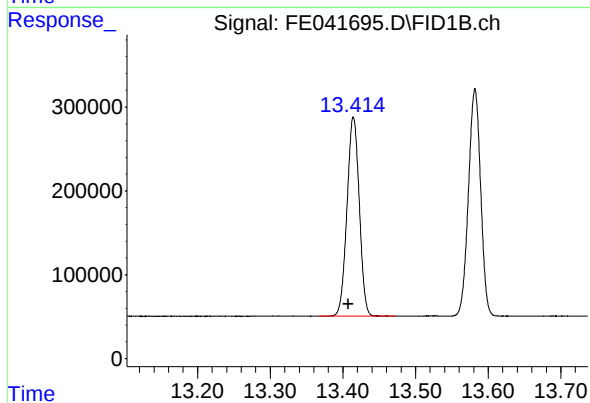
#10 n-Eicosane (C20)

R.T.: 12.970 min
Delta R.T.: 0.006 min
Response: 3236956
Conc: 20.12 ug/ml



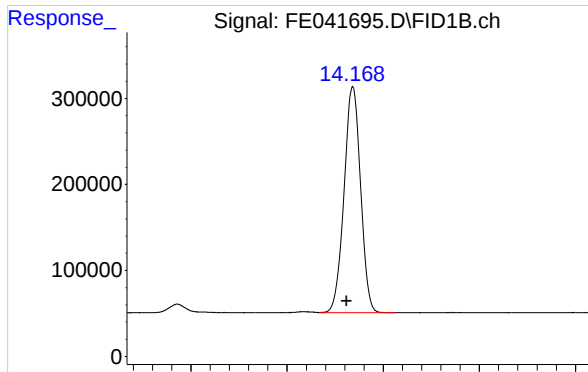
#11 n-Heneicosane (C21)

R.T.: 13.582 min
Delta R.T.: 0.006 min
Response: 3171363
Conc: 19.90 ug/ml



#12 1-chlorooctadecane (SURR)

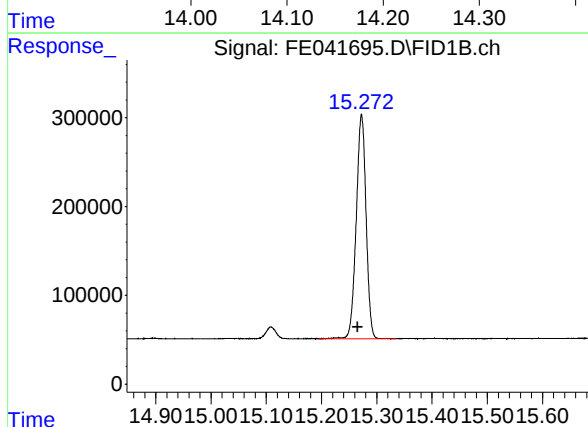
R.T.: 13.415 min
Delta R.T.: 0.007 min
Response: 2787618
Conc: 19.73 ug/ml



#13 n-Docosane (C22)

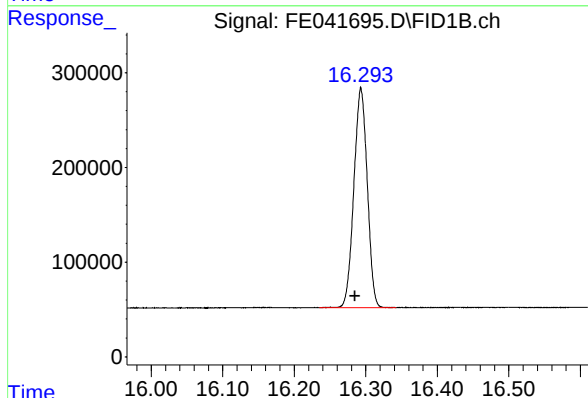
R.T.: 14.168 min
Delta R.T.: 0.006 min
Response: 3143917
Conc: 19.73 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



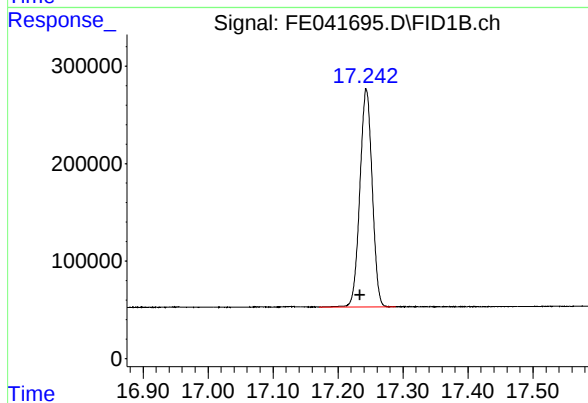
#14 n-Tetracosane (C24)

R.T.: 15.273 min
Delta R.T.: 0.008 min
Response: 3125348
Conc: 19.39 ug/ml



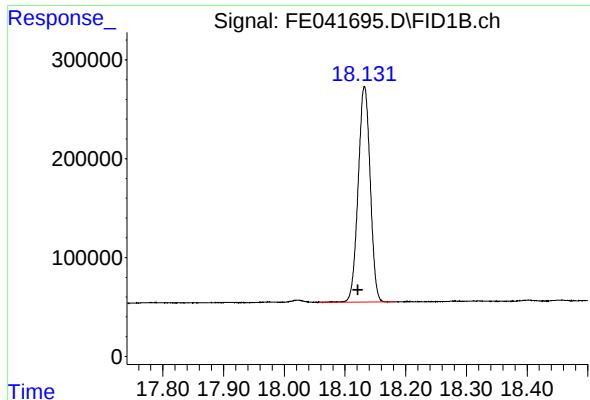
#15 n-Hexacosane (C26)

R.T.: 16.293 min
Delta R.T.: 0.009 min
Response: 3018298
Conc: 19.09 ug/ml



#16 n-Octacosane (C28)

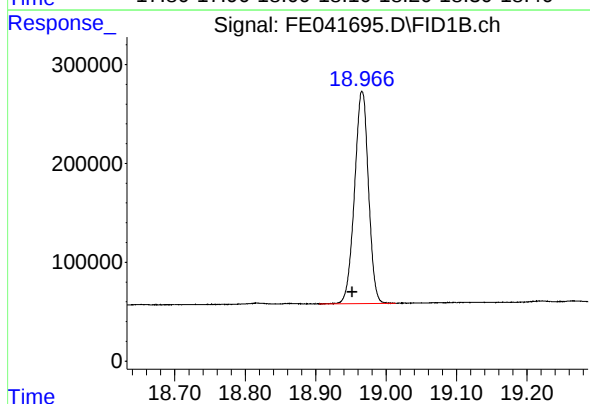
R.T.: 17.244 min
Delta R.T.: 0.010 min
Response: 2941458
Conc: 19.12 ug/ml



#17 n-Tricontane (C30)

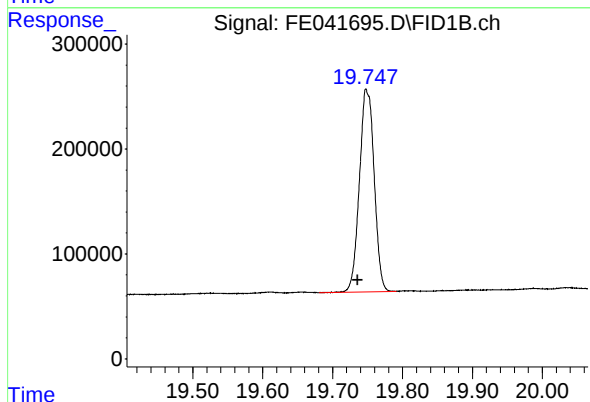
R.T.: 18.132 min
Delta R.T.: 0.011 min
Response: 3008362
Conc: 19.75 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



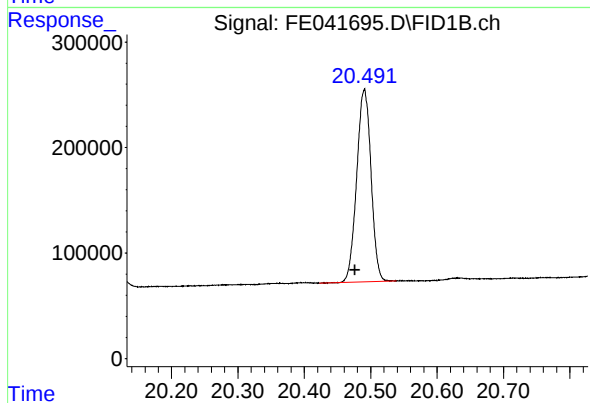
#18 n-Dotriacontane (C32)

R.T.: 18.966 min
Delta R.T.: 0.014 min
Response: 2952136
Conc: 19.82 ug/ml



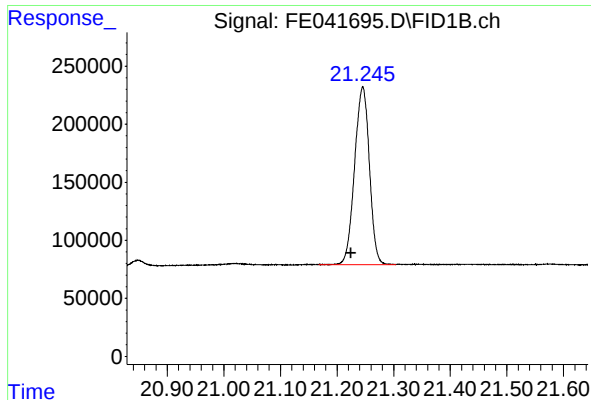
#19 n-Tetatriacontane (C34)

R.T.: 19.748 min
Delta R.T.: 0.012 min
Response: 2834422
Conc: 20.12 ug/ml



#20 n-Hexatriacontane (C36)

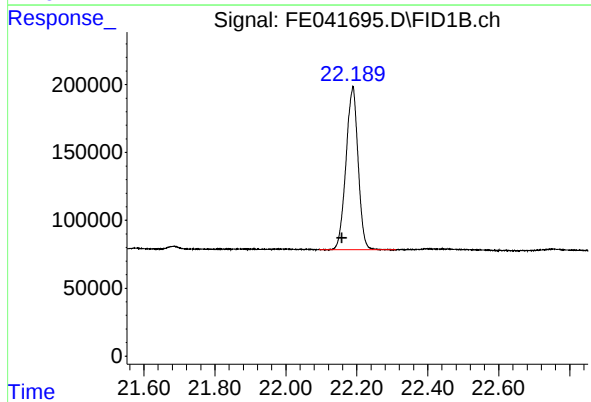
R.T.: 20.490 min
Delta R.T.: 0.014 min
Response: 2738833
Conc: 20.48 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.246 min
Delta R.T.: 0.021 min
Response: 2781851
Conc: 21.05 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 22.189 min
Delta R.T.: 0.031 min
Response: 2841335
Conc: 22.44 ug/ml