

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE040225AL\
 Data File : FE053132.D
 Signal(s) : FID1B.ch
 Acq On : 02 Apr 2025 14:18
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: Apr 03 01:15:35 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 032925.M
 Quant Title : GC Extractables
 QLast Update : Mon Mar 31 02:44:53 2025
 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)	11.889	2963490	18.194 ug/ml
Spiked Amount 50.000		Recovery =	36.39%
12) S 1-chlorooctadecane (S...	13.333	2193642	18.274 ug/ml
Spiked Amount 50.000		Recovery =	36.55%
Target Compounds			
1) T n-Nonane (C9)	3.237	2659263	17.174 ug/ml
2) T n-Decane (C10)	4.498	2740851	17.473 ug/ml
3) T A~Naphthalene (C11.7)	6.210	2976259	17.717 ug/ml
4) T n-Dodecane (C12)	6.678	2736370	17.496 ug/ml
5) T A~2-methylnaphthalene...	7.311	2845957	17.836 ug/ml
6) T n-Tetradecane (C14)	8.513	2698799	17.626 ug/ml
7) T n-Hexadecane (C16)	10.126	2775811	18.008 ug/ml
8) T n-Octadecane (C18)	11.574	2773955	18.290 ug/ml
10) T n-Eicosane (C20)	12.887	2637313	18.498 ug/ml
11) T n-Heneicosane (C21)	13.501	2569883	18.519 ug/ml
13) T n-Docosane (C22)	14.089	2544591	18.580 ug/ml
14) T n-Tetracosane (C24)	15.195	2533885	18.761 ug/ml
15) T n-Hexacosane (C26)	16.217	2478976	18.582 ug/ml
16) T n-Octacosane (C28)	17.169	2485588	18.835 ug/ml
17) T n-Tricontane (C30)	18.058	2634185	19.435 ug/ml
18) T n-Dotriacontane (C32)	18.893	2681257	19.926 ug/ml
19) T n-Tetratriacontane (C34)	19.678	2455108	18.974 ug/ml
20) T n-Hexatriacontane (C36)	20.419	2210348	18.607 ug/ml
21) T n-Octatriacontane (C38)	21.156	2112732	18.382 ug/ml
22) T n-Tetracontane (C40)	22.067	1992786	17.743 ug/ml

(f)=RT Delta > 1/2 Window

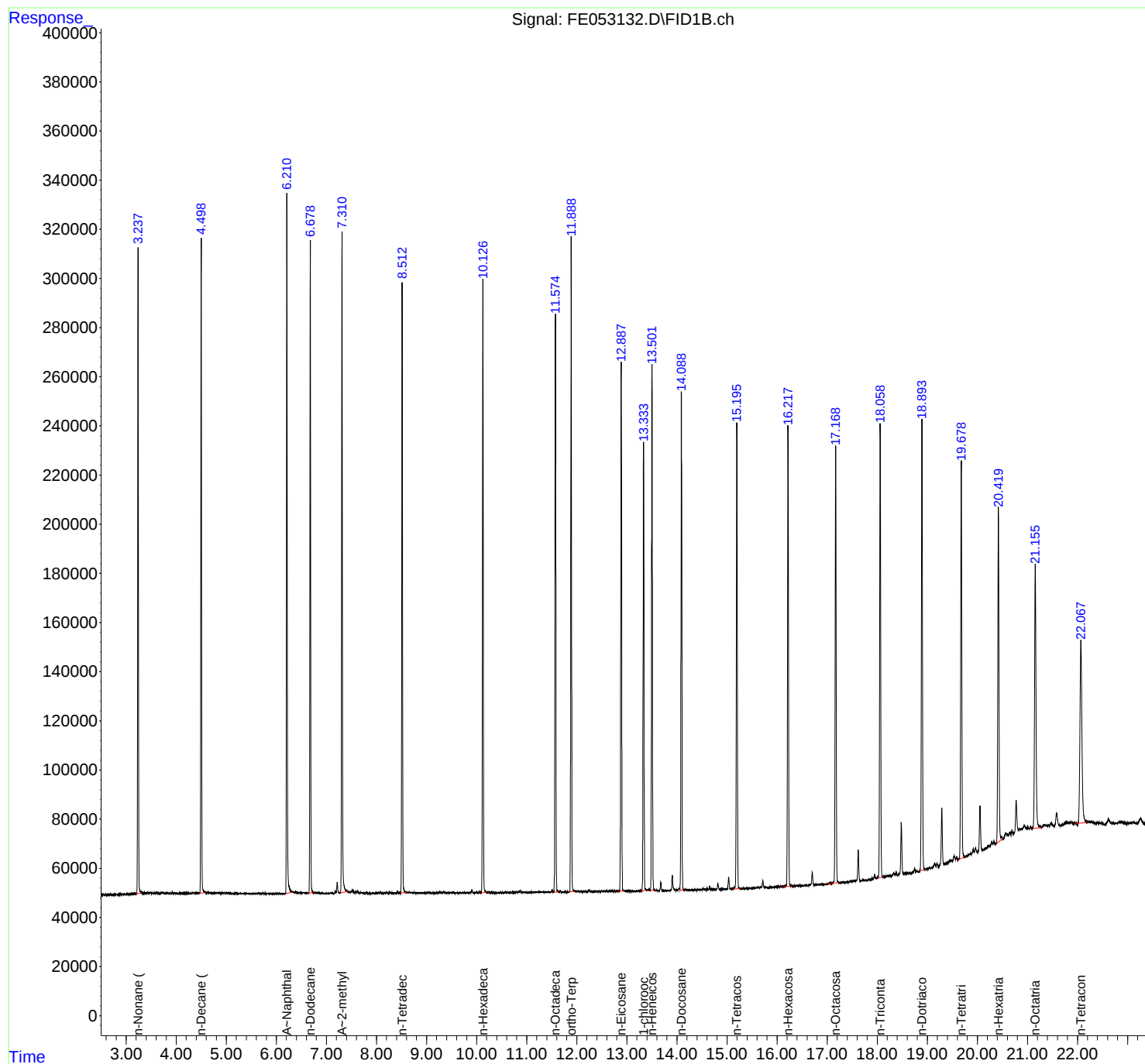
(m)=manual int.

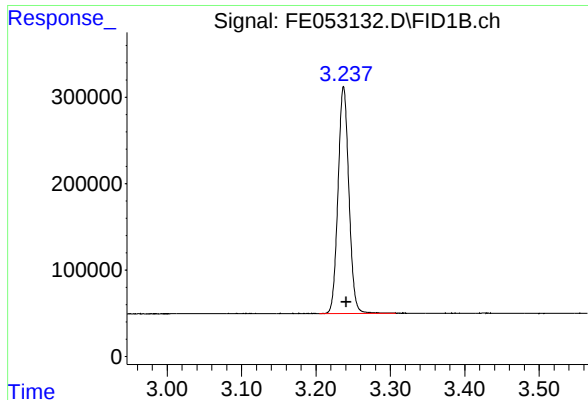
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE040225AL\
Data File : FE053132.D
Signal(s) : FID1B.ch
Acq On : 02 Apr 2025 14:18
Operator : YP\AJ
Sample : 20 PPM ALIPHATIC HC STD
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
Quant Time: Apr 03 01:15:35 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 032925.M
Quant Title : GC Extractables
QLast Update : Mon Mar 31 02:44:53 2025
Response via : Initial Calibration
Integrator: ChemStation

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

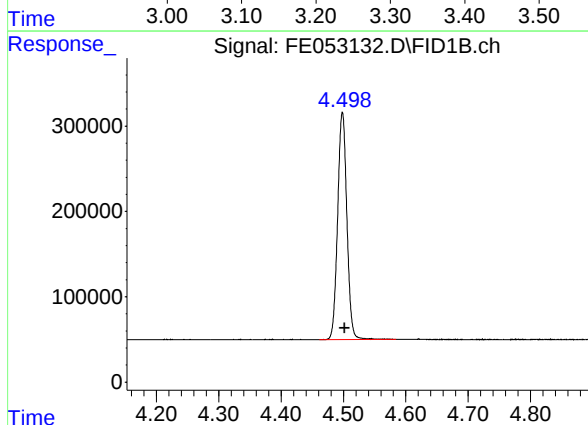




#1 n-Nonane (C9)

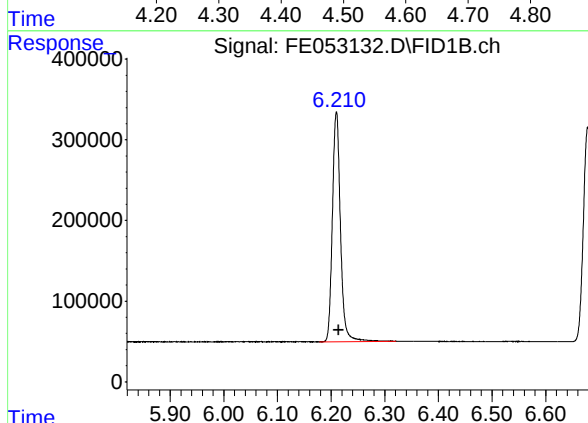
R.T.: 3.237 min
Delta R.T.: -0.004 min
Response: 2659263
Conc: 17.17 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



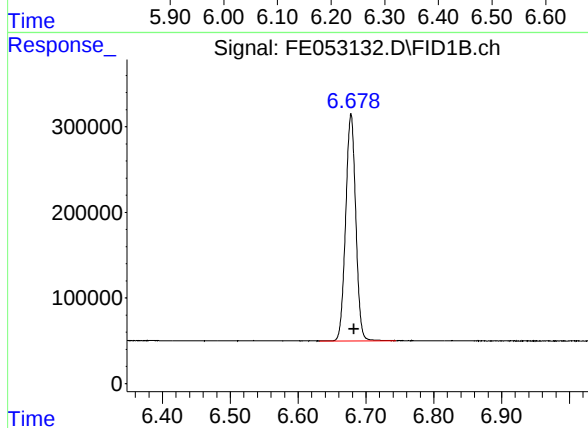
#2 n-Decane (C10)

R.T.: 4.498 min
Delta R.T.: -0.004 min
Response: 2740851
Conc: 17.47 ug/ml



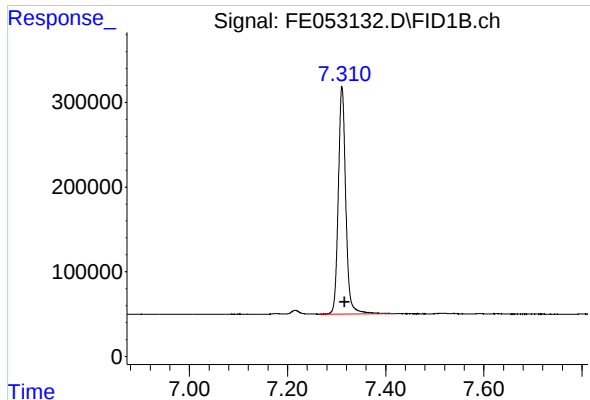
#3 A~Naphthalene (C11.7)

R.T.: 6.210 min
Delta R.T.: -0.004 min
Response: 2976259
Conc: 17.72 ug/ml



#4 n-Dodecane (C12)

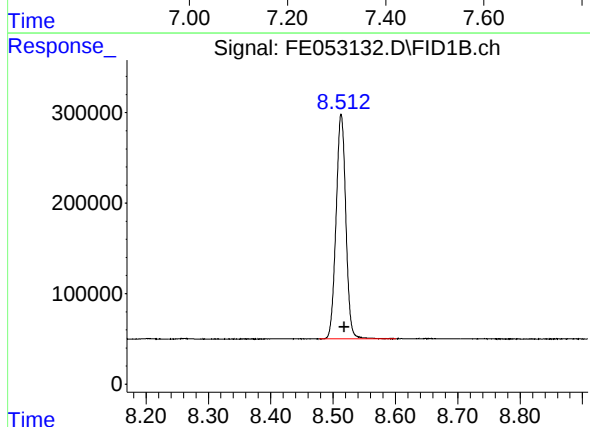
R.T.: 6.678 min
Delta R.T.: -0.004 min
Response: 2736370
Conc: 17.50 ug/ml



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

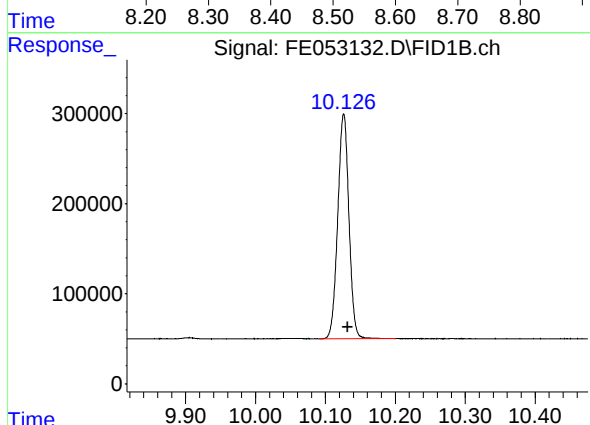
R.T.: 7.311 min
Delta R.T.: -0.005 min
Response: 2845957
Conc: 17.84 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



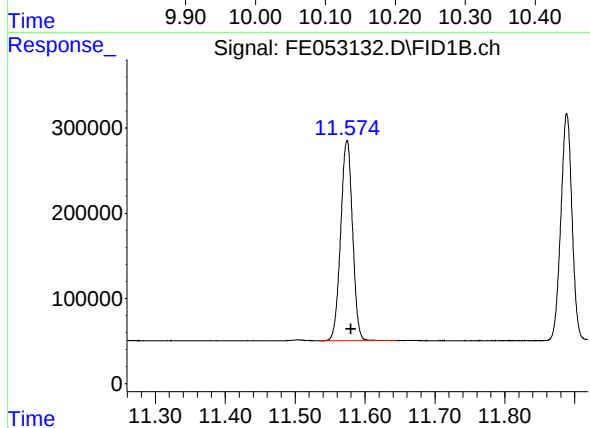
#6 n-Tetradecane (C14)

R.T.: 8.513 min
Delta R.T.: -0.005 min
Response: 2698799
Conc: 17.63 ug/ml



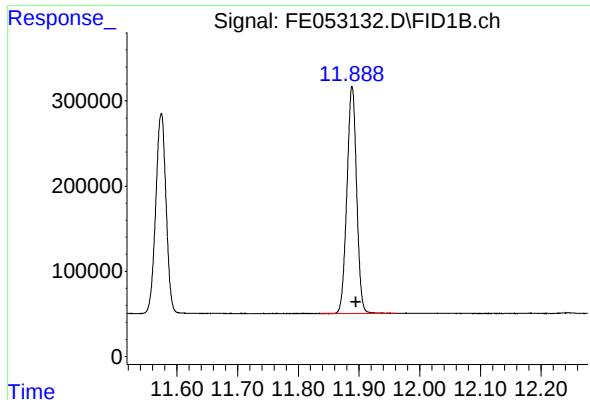
#7 n-Hexadecane (C16)

R.T.: 10.126 min
Delta R.T.: -0.006 min
Response: 2775811
Conc: 18.01 ug/ml



#8 n-Octadecane (C18)

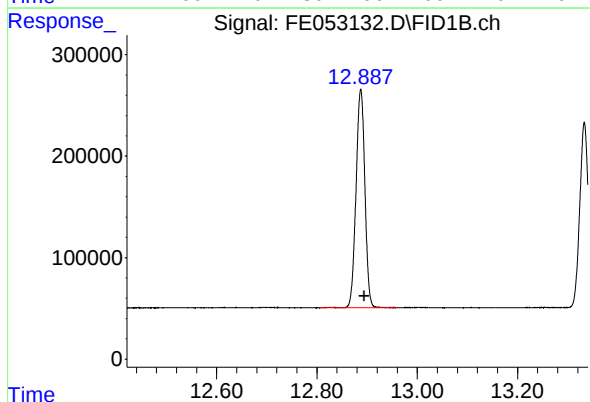
R.T.: 11.574 min
Delta R.T.: -0.006 min
Response: 2773955
Conc: 18.29 ug/ml



#9 ortho-Terphenyl (SURR)

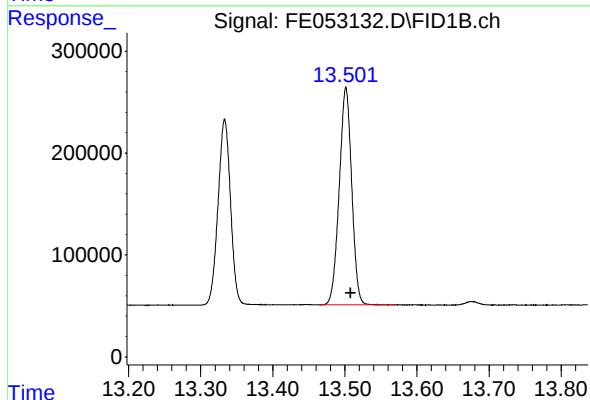
R.T.: 11.889 min
Delta R.T.: -0.007 min
Response: 2963490
Conc: 18.19 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



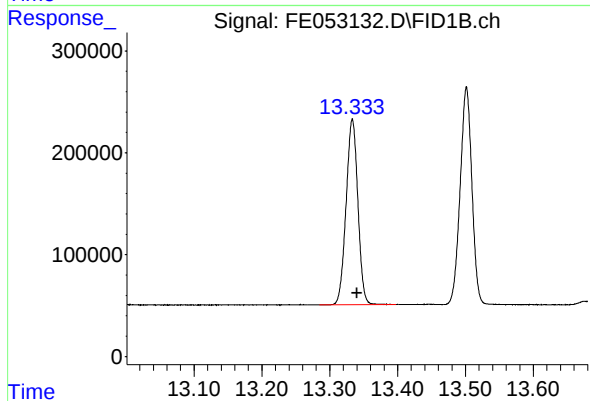
#10 n-Eicosane (C20)

R.T.: 12.887 min
Delta R.T.: -0.007 min
Response: 2637313
Conc: 18.50 ug/ml



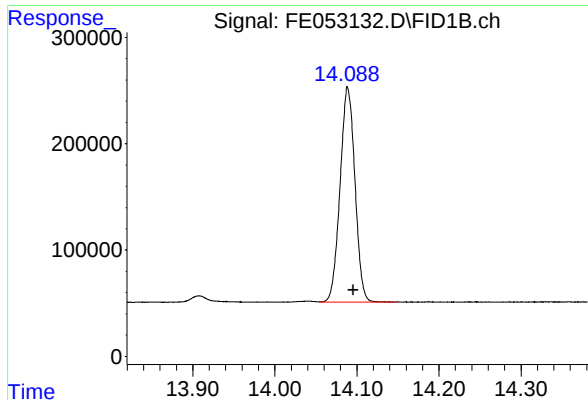
#11 n-Heneicosane (C21)

R.T.: 13.501 min
Delta R.T.: -0.007 min
Response: 2569883
Conc: 18.52 ug/ml



#12 1-chlorooctadecane (SURR)

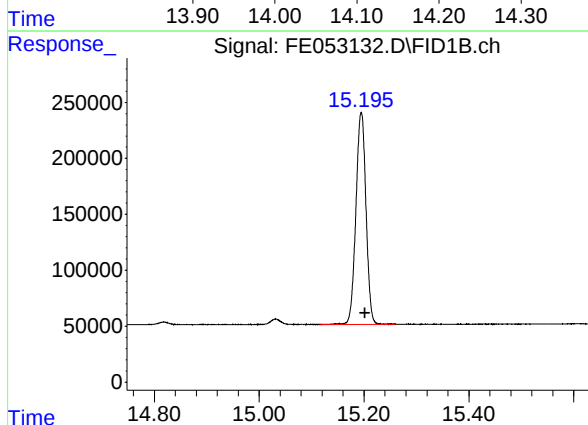
R.T.: 13.333 min
Delta R.T.: -0.006 min
Response: 2193642
Conc: 18.27 ug/ml



#13 n-Docosane (C22)

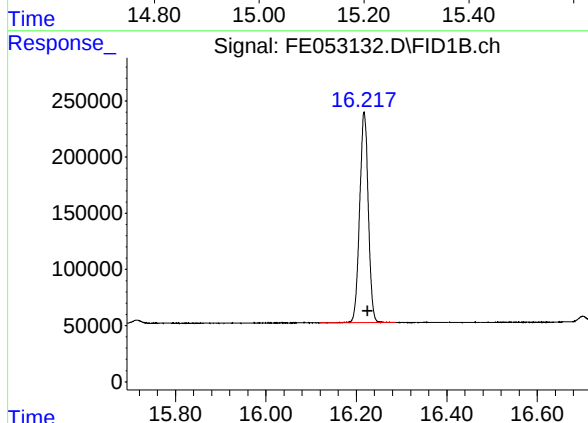
R.T.: 14.089 min
Delta R.T.: -0.007 min
Response: 2544591
Conc: 18.58 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



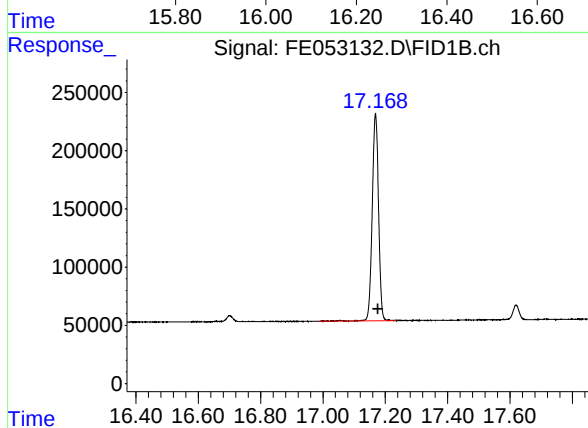
#14 n-Tetracosane (C24)

R.T.: 15.195 min
Delta R.T.: -0.007 min
Response: 2533885
Conc: 18.76 ug/ml



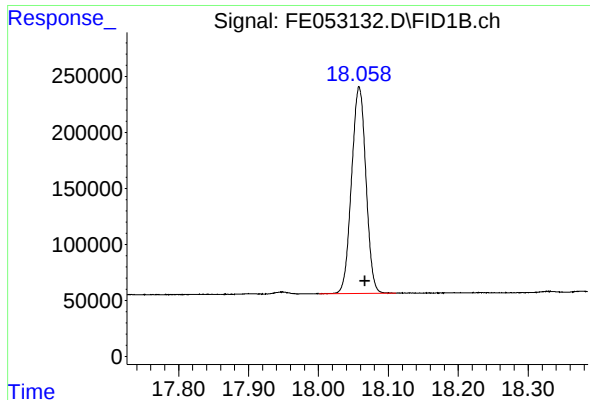
#15 n-Hexacosane (C26)

R.T.: 16.217 min
Delta R.T.: -0.008 min
Response: 2478976
Conc: 18.58 ug/ml



#16 n-Octacosane (C28)

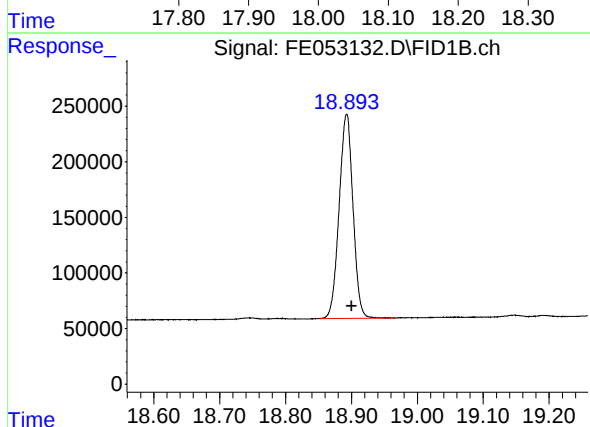
R.T.: 17.169 min
Delta R.T.: -0.008 min
Response: 2485588
Conc: 18.83 ug/ml



#17 n-Tricontane (C30)

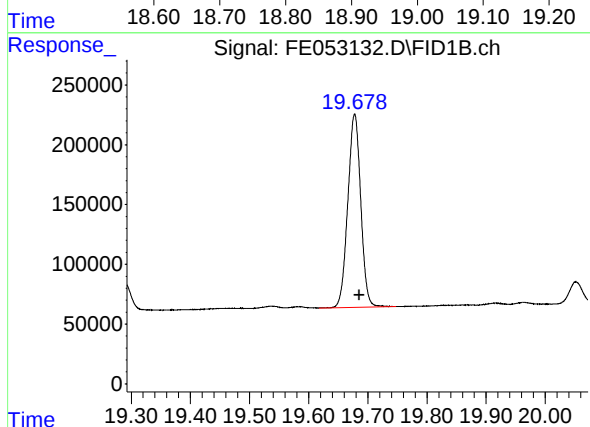
R.T.: 18.058 min
Delta R.T.: -0.008 min
Response: 2634185
Conc: 19.43 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



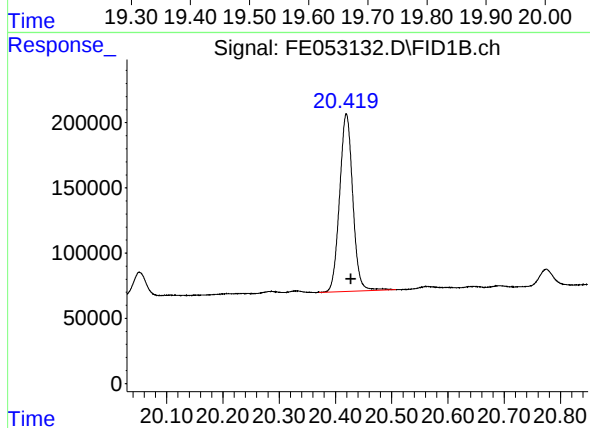
#18 n-Dotriacontane (C32)

R.T.: 18.893 min
Delta R.T.: -0.008 min
Response: 2681257
Conc: 19.93 ug/ml



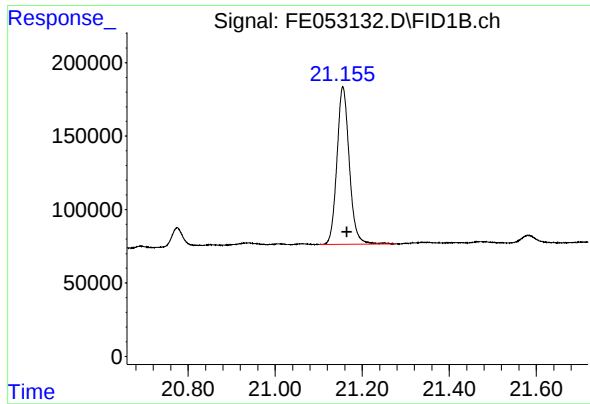
#19 n-Tetatriacontane (C34)

R.T.: 19.678 min
Delta R.T.: -0.008 min
Response: 2455108
Conc: 18.97 ug/ml



#20 n-Hexatriacontane (C36)

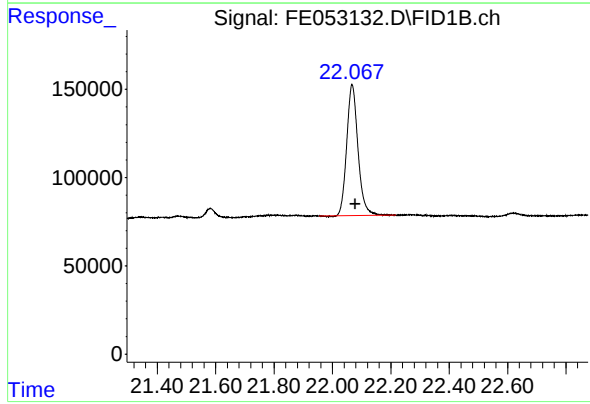
R.T.: 20.419 min
Delta R.T.: -0.008 min
Response: 2210348
Conc: 18.61 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.156 min
Delta R.T.: -0.009 min
Response: 2112732
Conc: 18.38 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 22.067 min
Delta R.T.: -0.011 min
Response: 1992786
Conc: 17.74 ug/ml