

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE110724AL\
 Data File : FE051076.D
 Signal(s) : FID1B.ch
 Acq On : 06 Nov 2024 17:22
 Operator : YP\AJ
 Sample : 50 PPM ALIPHATIC HC STD2
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 50 PPM ALIPHATIC HC STD2

Integration File: autoint1.e
 Quant Time: Nov 07 04:53:52 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 110724.M
 Quant Title : GC Extractables
 QLast Update : Thu Nov 07 04:53:08 2024
 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)	11.854	7439471	50.140 ug/ml
Spiked Amount 50.000		Recovery =	100.28%
12) S 1-chlorooctadecane (S...	13.285	5687735	50.749 ug/ml
Spiked Amount 50.000		Recovery =	101.50%
Target Compounds			
1) T n-Nonane (C9)	3.240	6972278	51.044 ug/ml
2) T n-Decane (C10)	4.491	7075762	51.165 ug/ml
3) T A~Naphthalene (C11.7)	6.202	7085104	55.435 ug/ml
4) T n-Dodecane (C12)	6.659	7089184	50.860 ug/ml
5) T A~2-methylnaphthalene...	7.298	6675931	55.258 ug/ml
6) T n-Tetradecane (C14)	8.486	6961580	50.535 ug/ml
7) T n-Hexadecane (C16)	10.091	7095779	50.608 ug/ml
8) T n-Octadecane (C18)	11.533	7120474	50.469 ug/ml
10) T n-Eicosane (C20)	12.840	6769951	49.978 ug/ml
11) T n-Heneicosane (C21)	13.451	6629575	50.154 ug/ml
13) T n-Docosane (C22)	14.035	6576920	50.005 ug/ml
14) T n-Tetracosane (C24)	15.136	6563335	49.928 ug/ml
15) T n-Hexacosane (C26)	16.156	6579401	49.536 ug/ml
16) T n-Octacosane (C28)	17.105	6621699	48.838 ug/ml
17) T n-Tricontane (C30)	17.991	6913369	47.530 ug/ml
18) T n-Dotriacontane (C32)	18.823	6937205	46.458 ug/ml
19) T n-Tetratriacontane (C34)	19.605	6360559	47.290 ug/ml
20) T n-Hexatriacontane (C36)	20.344	5735761	48.355 ug/ml
21) T n-Octatriacontane (C38)	21.068	5583007	49.749 ug/ml
22) T n-Tetracontane (C40)	21.949	5506936	50.466 ug/ml

(f)=RT Delta > 1/2 Window

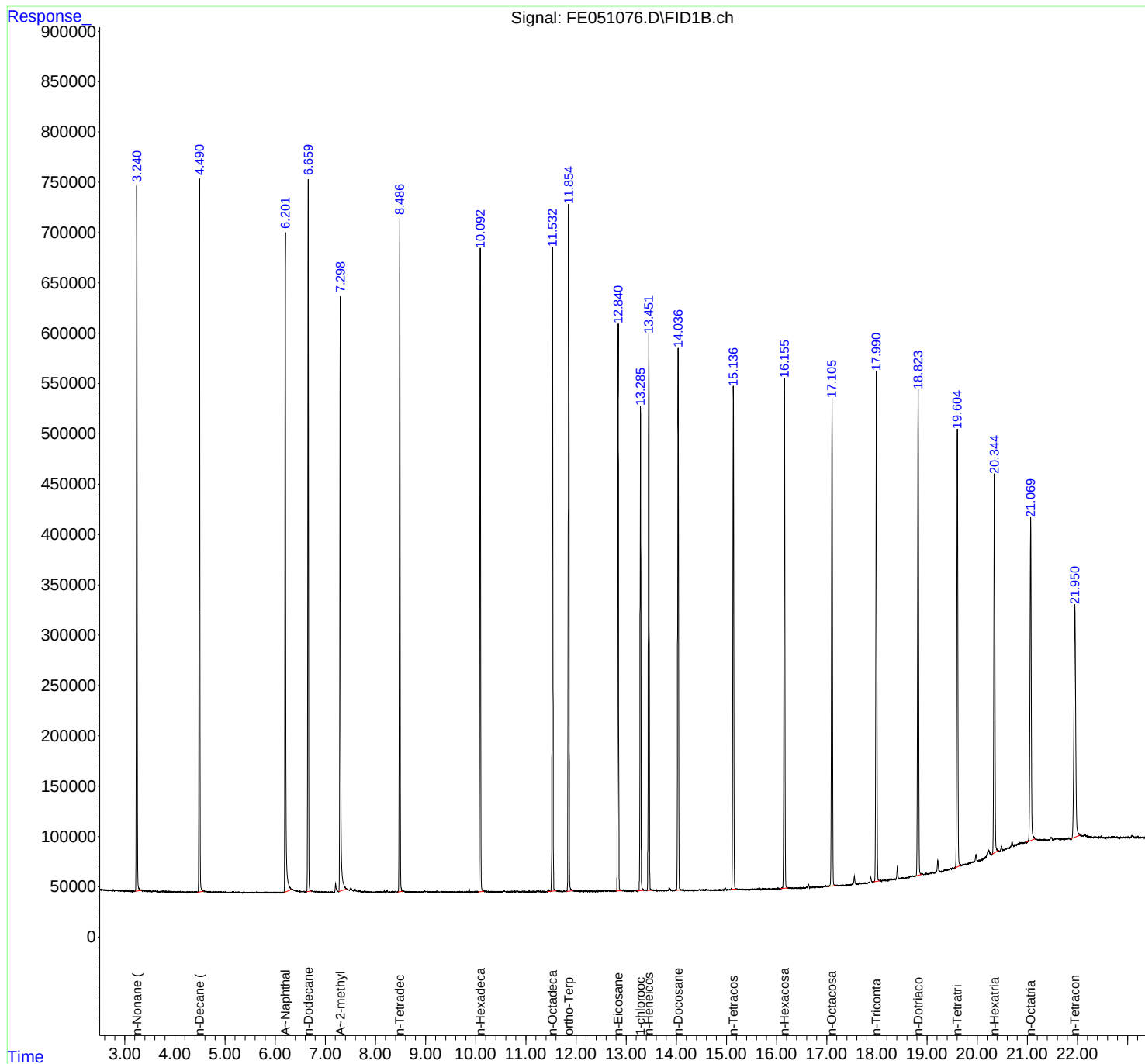
(m)=manual int.

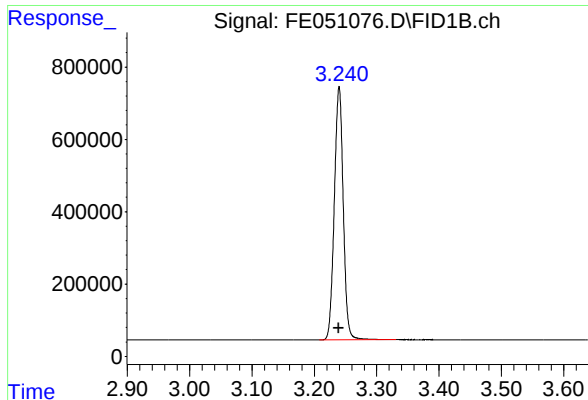
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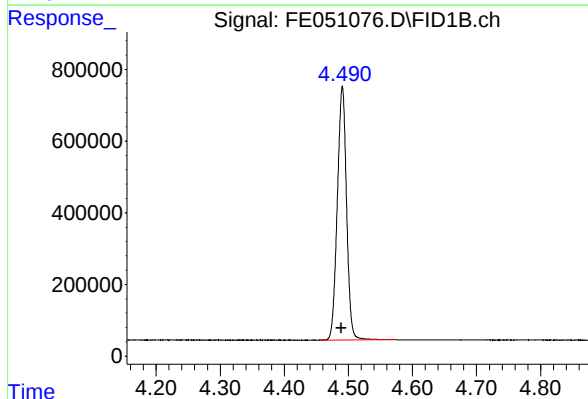




#1 n-Nonane (C9)

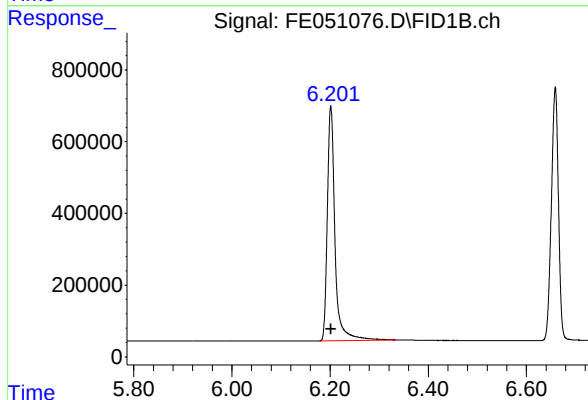
R.T.: 3.240 min
Delta R.T.: 0.000 min
Response: 6972278
Conc: 51.04 ug/ml

Instrument :
FID_E
ClientSampleId :
50 PPM ALIPHATIC HC STD2



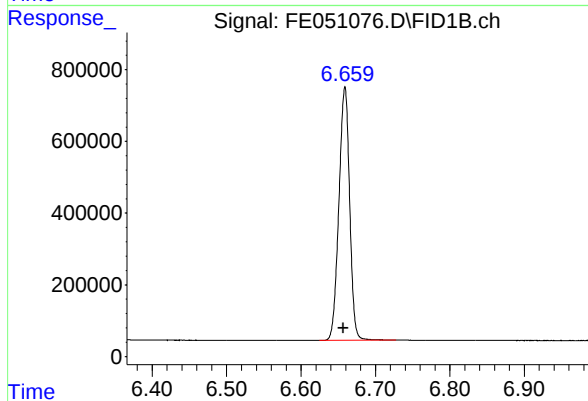
#2 n-Decane (C10)

R.T.: 4.491 min
Delta R.T.: 0.001 min
Response: 7075762
Conc: 51.17 ug/ml



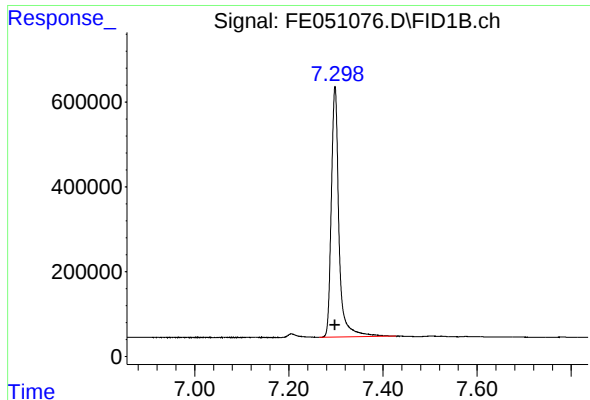
#3 A~Naphthalene (C11.7)

R.T.: 6.202 min
Delta R.T.: 0.000 min
Response: 7085104
Conc: 55.43 ug/ml



#4 n-Dodecane (C12)

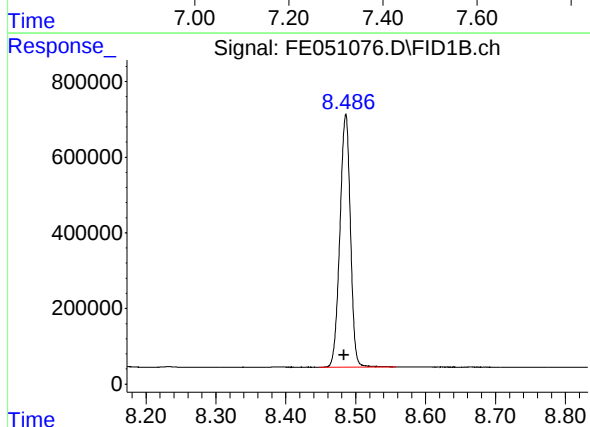
R.T.: 6.659 min
Delta R.T.: 0.002 min
Response: 7089184
Conc: 50.86 ug/ml



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

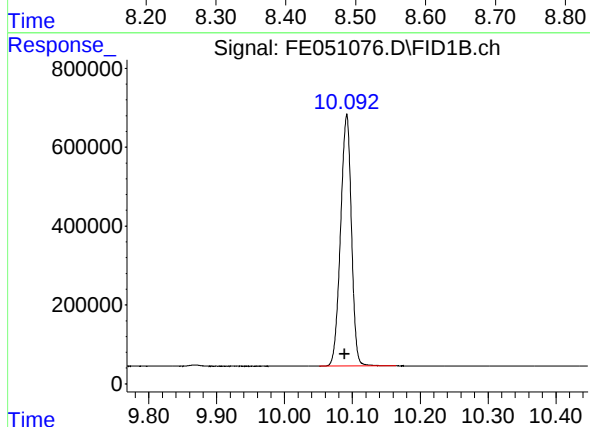
R.T.: 7.298 min
Delta R.T.: 0.000 min
Response: 6675931
Conc: 55.26 ug/ml

Instrument :
FID_E
ClientSampleId :
50 PPM ALIPHATIC HC STD2



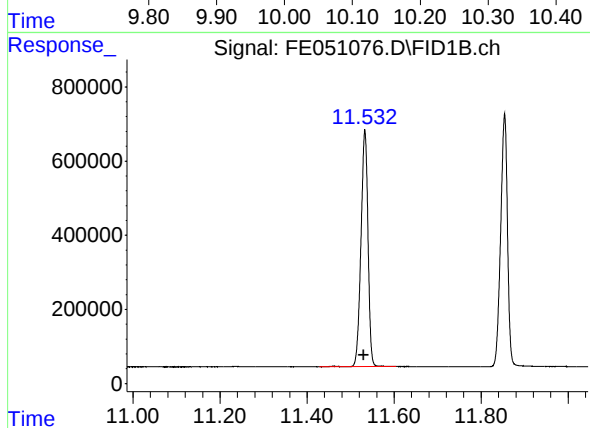
#6 n-Tetradecane (C14)

R.T.: 8.486 min
Delta R.T.: 0.002 min
Response: 6961580
Conc: 50.54 ug/ml



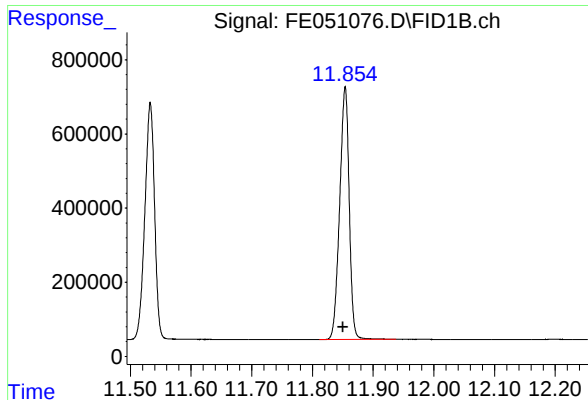
#7 n-Hexadecane (C16)

R.T.: 10.091 min
Delta R.T.: 0.003 min
Response: 7095779
Conc: 50.61 ug/ml



#8 n-Octadecane (C18)

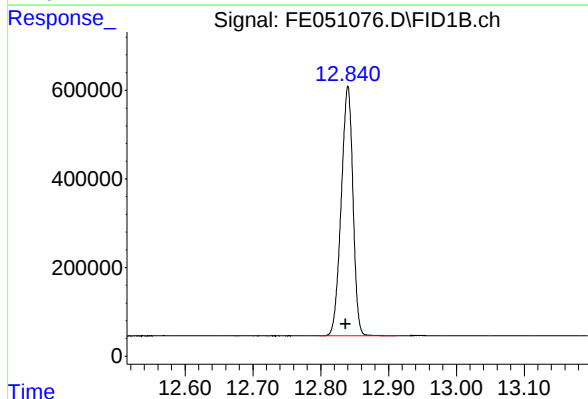
R.T.: 11.533 min
Delta R.T.: 0.003 min
Response: 7120474
Conc: 50.47 ug/ml



#9 ortho-Terphenyl (SURR)

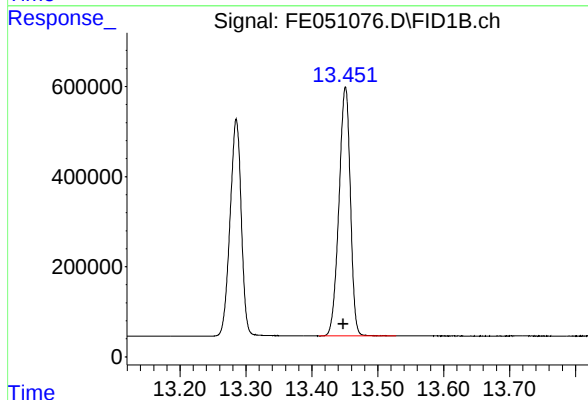
R.T.: 11.854 min
Delta R.T.: 0.003 min
Response: 7439471
Conc: 50.14 ug/ml

Instrument :
FID_E
ClientSampleId :
50 PPM ALIPHATIC HC STD2



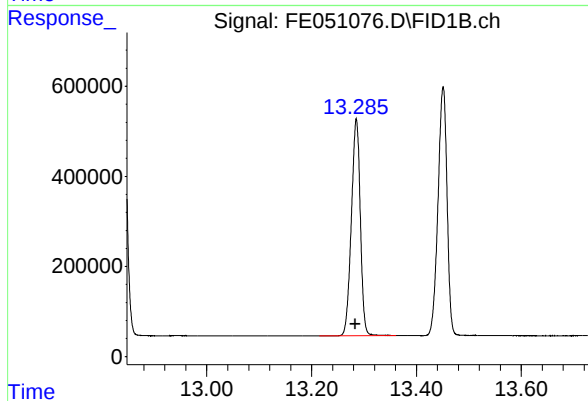
#10 n-Eicosane (C20)

R.T.: 12.840 min
Delta R.T.: 0.003 min
Response: 6769951
Conc: 49.98 ug/ml



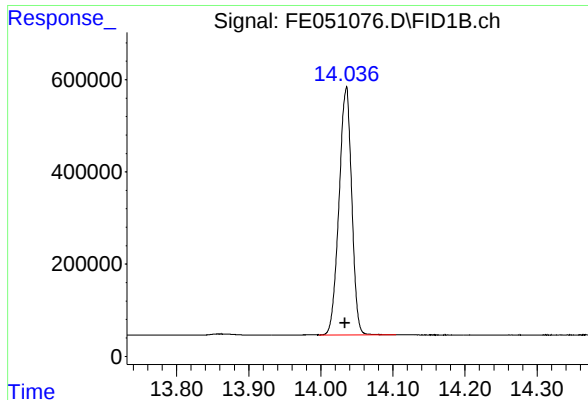
#11 n-Heneicosane (C21)

R.T.: 13.451 min
Delta R.T.: 0.003 min
Response: 6629575
Conc: 50.15 ug/ml



#12 1-chlorooctadecane (SURR)

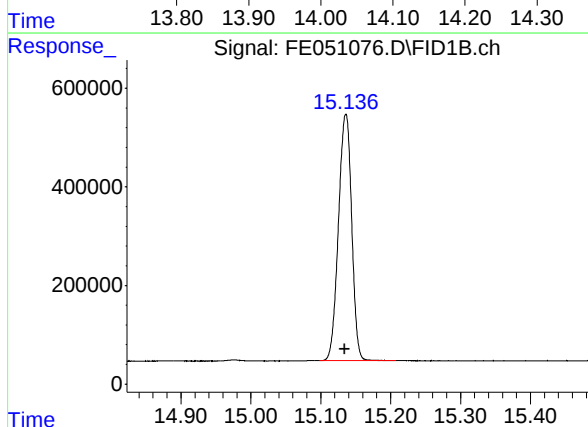
R.T.: 13.285 min
Delta R.T.: 0.002 min
Response: 5687735
Conc: 50.75 ug/ml



#13 n-Docosane (C22)

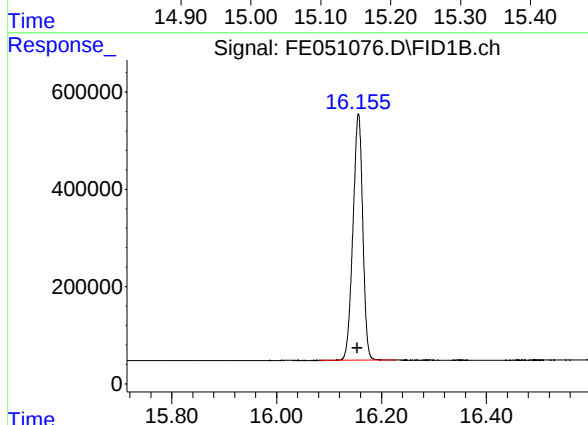
R.T.: 14.035 min
Delta R.T.: 0.002 min
Response: 6576920
Conc: 50.00 ug/ml

Instrument :
FID_E
ClientSampleId :
50 PPM ALIPHATIC HC STD2



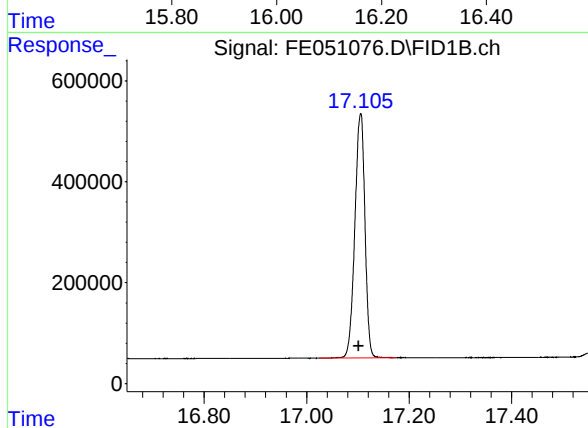
#14 n-Tetracosane (C24)

R.T.: 15.136 min
Delta R.T.: 0.001 min
Response: 6563335
Conc: 49.93 ug/ml



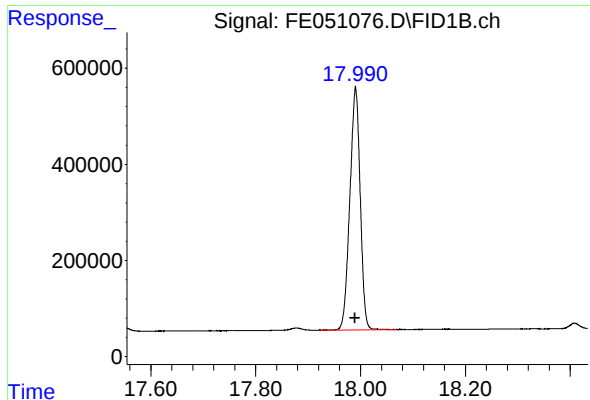
#15 n-Hexacosane (C26)

R.T.: 16.156 min
Delta R.T.: 0.002 min
Response: 6579401
Conc: 49.54 ug/ml



#16 n-Octacosane (C28)

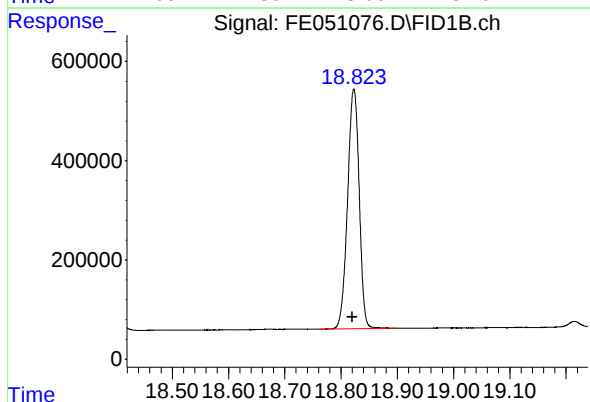
R.T.: 17.105 min
Delta R.T.: 0.003 min
Response: 6621699
Conc: 48.84 ug/ml



#17 n-Tricontane (C30)

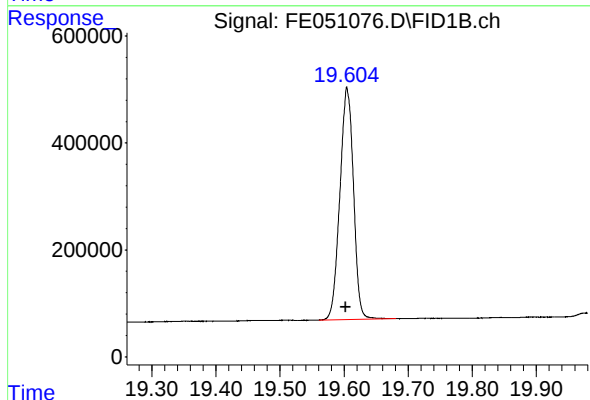
R.T.: 17.991 min
Delta R.T.: 0.001 min
Response: 6913369
Conc: 47.53 ug/ml

Instrument :
FID_E
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50 PPM ALIPHATIC HC STD2



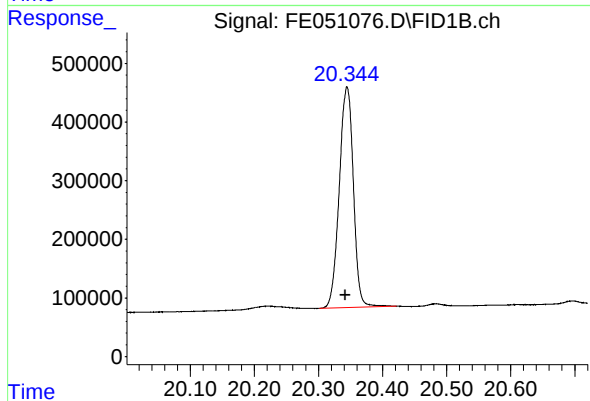
#18 n-Dotriacontane (C32)

R.T.: 18.823 min
Delta R.T.: 0.003 min
Response: 6937205
Conc: 46.46 ug/ml



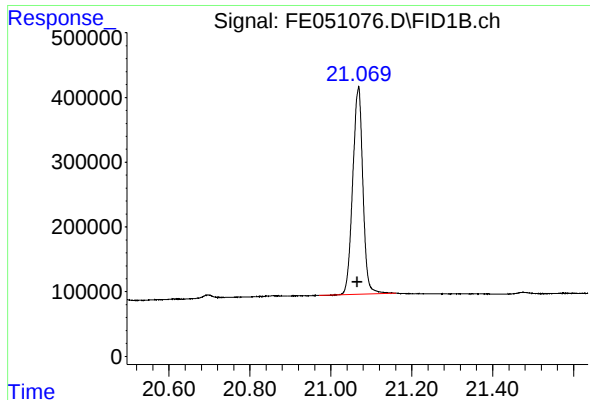
#19 n-Tetratriacontane (C34)

R.T.: 19.605 min
Delta R.T.: 0.003 min
Response: 6360559
Conc: 47.29 ug/ml



#20 n-Hexatriacontane (C36)

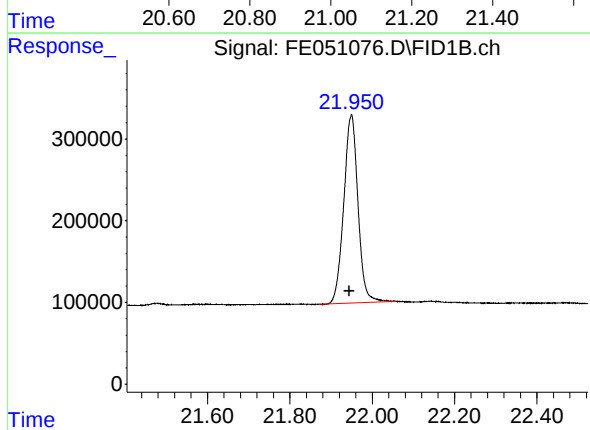
R.T.: 20.344 min
Delta R.T.: 0.003 min
Response: 5735761
Conc: 48.36 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.068 min
Delta R.T.: 0.003 min
Response: 5583007
Conc: 49.75 ug/ml

Instrument :
FID_E
ClientSampleId :
50 PPM ALIPHATIC HC STD2



#22 n-Tetracontane (C40)

R.T.: 21.949 min
Delta R.T.: 0.005 min
Response: 5506936
Conc: 50.47 ug/ml