

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE091024AL\
 Data File : FE049976.D
 Signal(s) : FID1B.ch
 Acq On : 09 Sep 2024 15:15
 Operator : YP\AJ
 Sample : 50 PPM ALIPHATIC HC STD2
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 50 PPM ALIPHATIC HC STD2

Integration File: autoint1.e
 Quant Time: Sep 09 16:15:29 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 091024.M
 Quant Title : GC Extractables
 QLast Update : Mon Sep 09 16:11:00 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)	11.881	7177033	50.128 ug/ml
Spiked Amount 50.000		Recovery =	100.26%
12) S 1-chlorooctadecane (S...	13.315	5486804	50.152 ug/ml
Spiked Amount 50.000		Recovery =	100.30%
Target Compounds			
1) T n-Nonane (C9)	3.267	6591771	50.261 ug/ml
2) T n-Decane (C10)	4.518	6718835	50.302 ug/ml
3) T A~Naphthalene (C11.7)	6.226	7037063	50.515 ug/ml
4) T n-Dodecane (C12)	6.686	6756430	50.359 ug/ml
5) T A~2-methylnaphthalene...	7.323	6616835	50.395 ug/ml
6) T n-Tetradecane (C14)	8.514	6633277	50.321 ug/ml
7) T n-Hexadecane (C16)	10.120	6790339	50.366 ug/ml
8) T n-Octadecane (C18)	11.562	6799156	50.256 ug/ml
10) T n-Eicosane (C20)	12.870	6472873	50.121 ug/ml
11) T n-Heneicosane (C21)	13.481	6354721	50.126 ug/ml
13) T n-Docosane (C22)	14.067	6285085	50.054 ug/ml
14) T n-Tetracosane (C24)	15.168	6253768	49.984 ug/ml
15) T n-Hexacosane (C26)	16.188	6172556	50.074 ug/ml
16) T n-Octacosane (C28)	17.138	6177715	50.126 ug/ml
17) T n-Tricontane (C30)	18.024	6354286	50.073 ug/ml
18) T n-Dotriacontane (C32)	18.856	6288177	49.950 ug/ml
19) T n-Tetratriacontane (C34)	19.638	5841480	49.883 ug/ml
20) T n-Hexatriacontane (C36)	20.378	5286964	49.911 ug/ml
21) T n-Octatriacontane (C38)	21.104	5289296	49.927 ug/ml
22) T n-Tetracontane (C40)	21.998	5241620	50.137 ug/ml

(f)=RT Delta > 1/2 Window

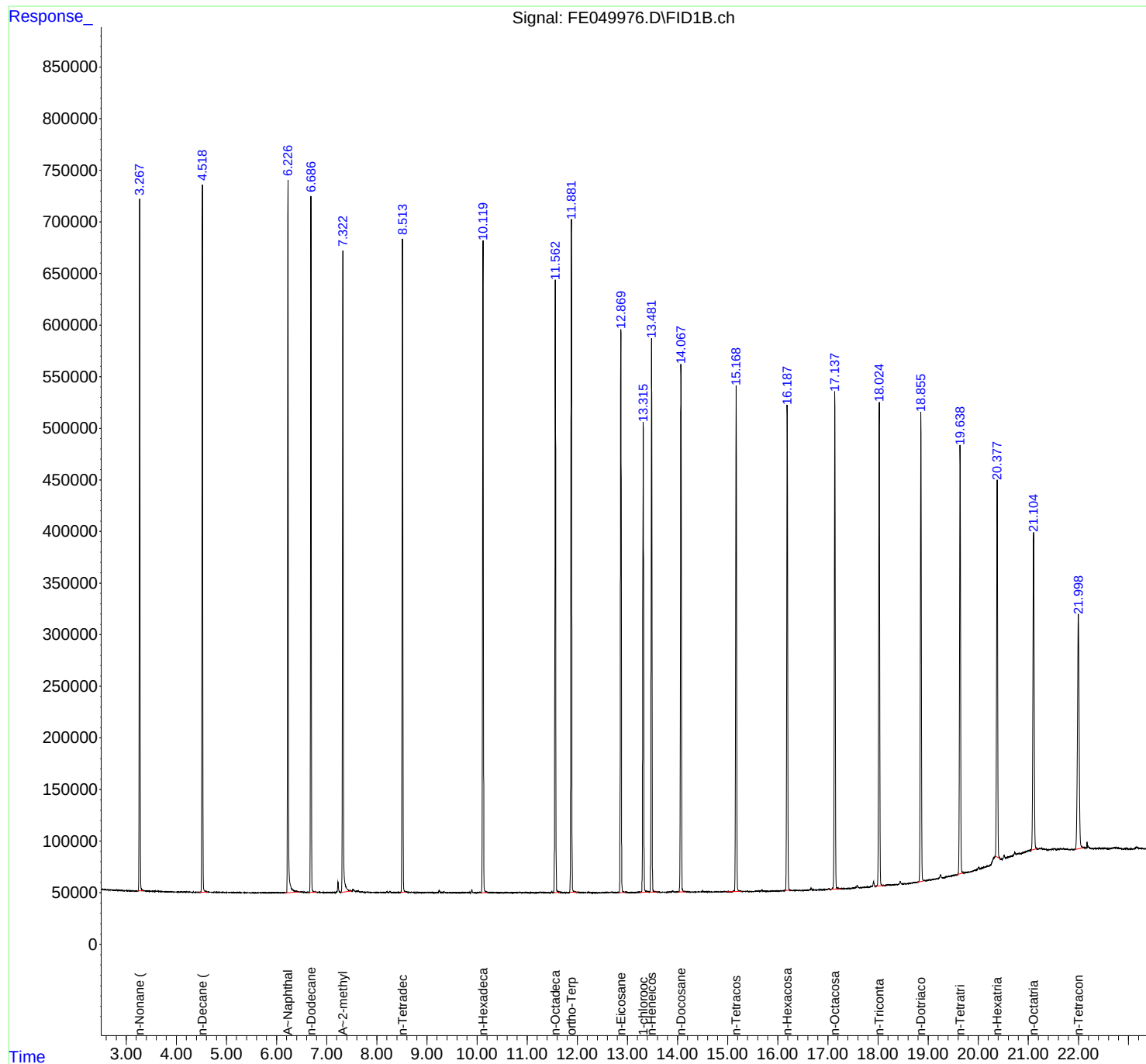
(m)=manual int.

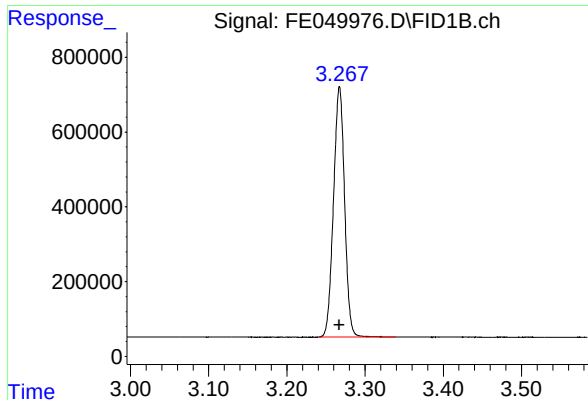
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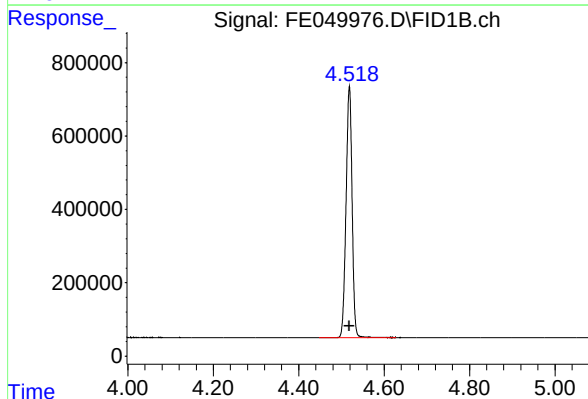




#1 n-Nonane (C9)

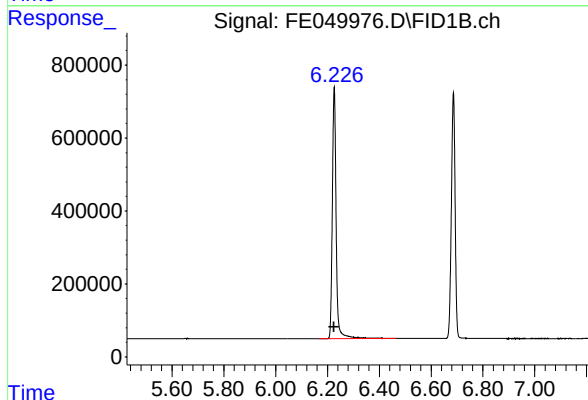
R.T.: 3.267 min
Delta R.T.: 0.000 min
Response: 6591771
Conc: 50.26 ug/ml

Instrument :
FID_E
ClientSampleId :
50 PPM ALIPHATIC HC STD2



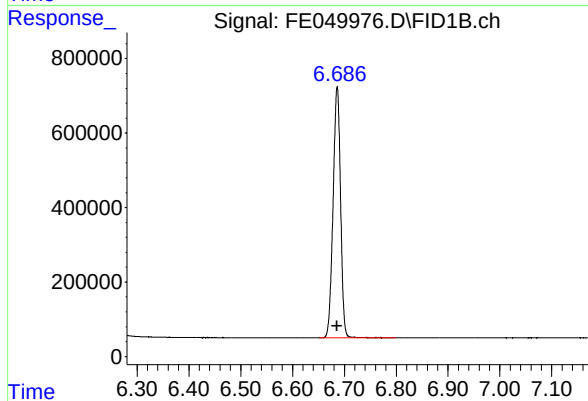
#2 n-Decane (C10)

R.T.: 4.518 min
Delta R.T.: 0.000 min
Response: 6718835
Conc: 50.30 ug/ml



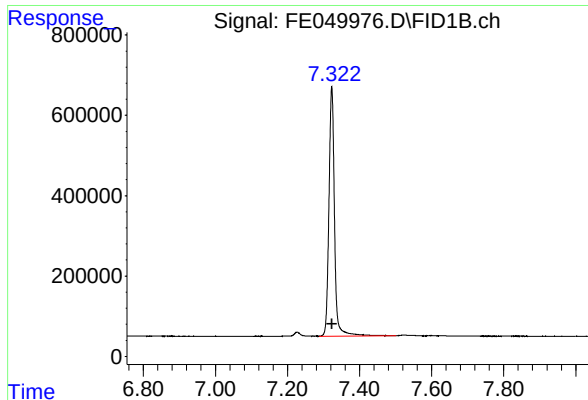
#3 A~Naphthalene (C11.7)

R.T.: 6.226 min
Delta R.T.: 0.000 min
Response: 7037063
Conc: 50.52 ug/ml



#4 n-Dodecane (C12)

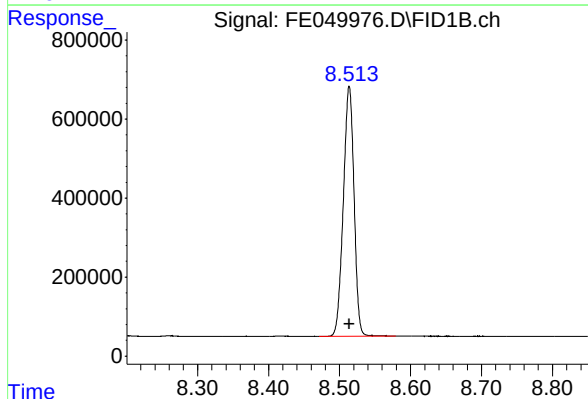
R.T.: 6.686 min
Delta R.T.: 0.000 min
Response: 6756430
Conc: 50.36 ug/ml



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

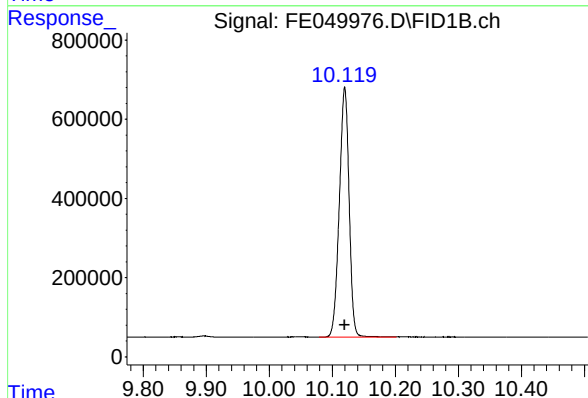
R.T.: 7.323 min
Delta R.T.: 0.000 min
Response: 6616835
Conc: 50.40 ug/ml

Instrument :
FID_E
ClientSampleId :
50 PPM ALIPHATIC HC STD2



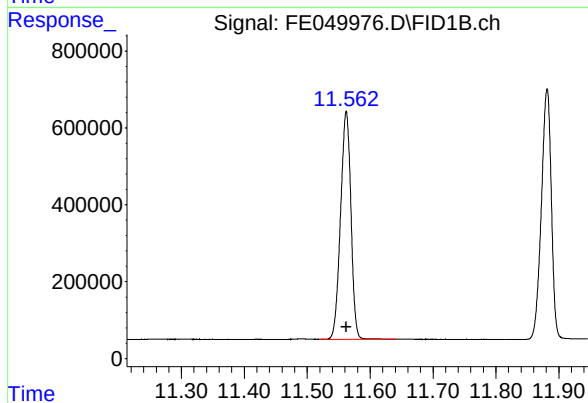
#6 n-Tetradecane (C14)

R.T.: 8.514 min
Delta R.T.: 0.000 min
Response: 6633277
Conc: 50.32 ug/ml



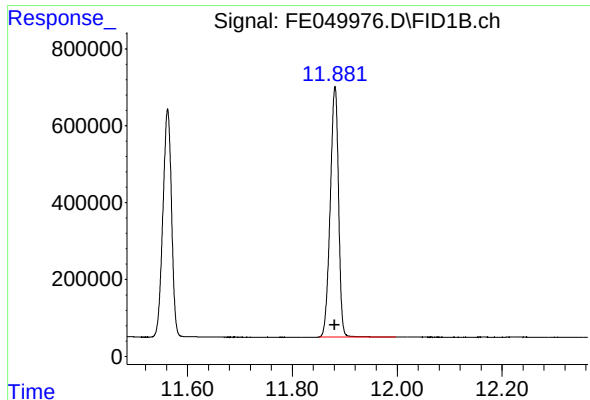
#7 n-Hexadecane (C16)

R.T.: 10.120 min
Delta R.T.: 0.000 min
Response: 6790339
Conc: 50.37 ug/ml



#8 n-Octadecane (C18)

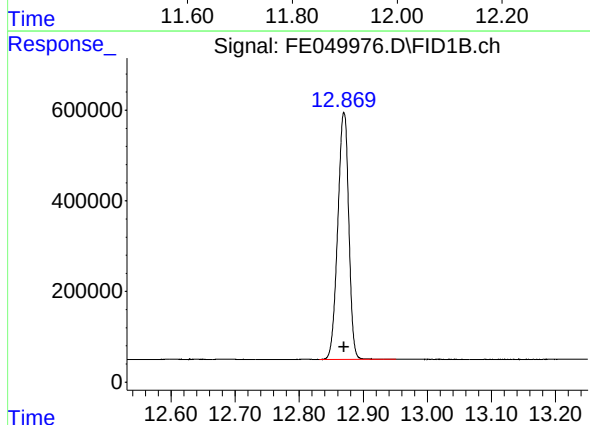
R.T.: 11.562 min
Delta R.T.: 0.000 min
Response: 6799156
Conc: 50.26 ug/ml



#9 ortho-Terphenyl (SURR)

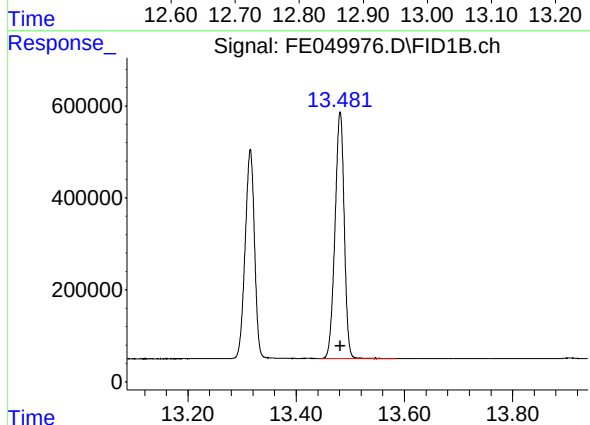
R.T.: 11.881 min
Delta R.T.: 0.000 min
Response: 7177033
Conc: 50.13 ug/ml

Instrument :
FID_E
ClientSampleId :
50 PPM ALIPHATIC HC STD2



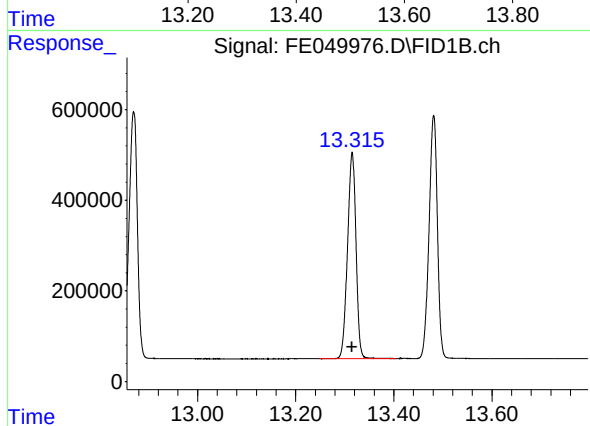
#10 n-Eicosane (C20)

R.T.: 12.870 min
Delta R.T.: 0.000 min
Response: 6472873
Conc: 50.12 ug/ml



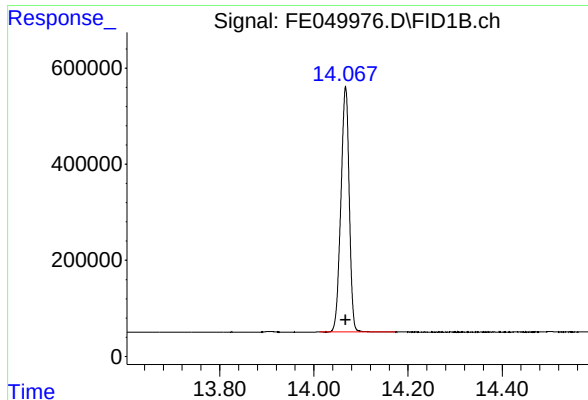
#11 n-Heneicosane (C21)

R.T.: 13.481 min
Delta R.T.: 0.000 min
Response: 6354721
Conc: 50.13 ug/ml



#12 1-chlorooctadecane (SURR)

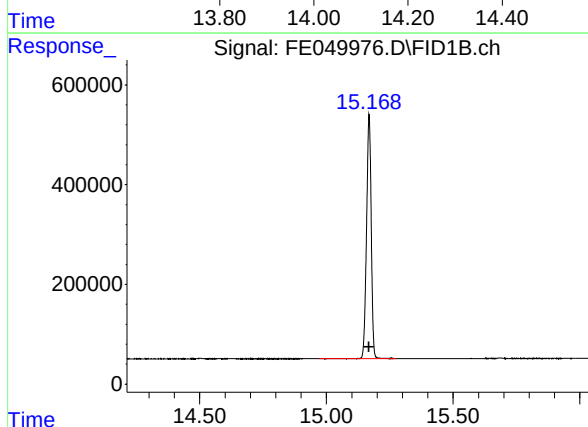
R.T.: 13.315 min
Delta R.T.: 0.000 min
Response: 5486804
Conc: 50.15 ug/ml



#13 n-Docosane (C22)

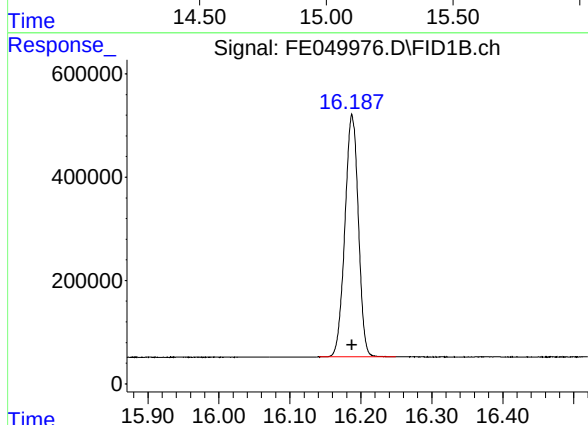
R.T.: 14.067 min
Delta R.T.: 0.000 min
Response: 6285085
Conc: 50.05 ug/ml

Instrument :
FID_E
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50 PPM ALIPHATIC HC STD2



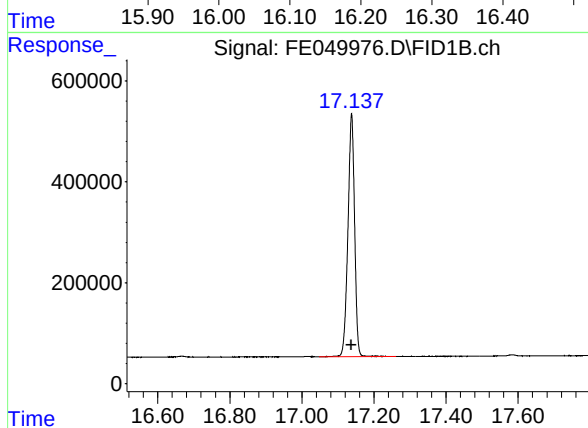
#14 n-Tetracosane (C24)

R.T.: 15.168 min
Delta R.T.: 0.000 min
Response: 6253768
Conc: 49.98 ug/ml



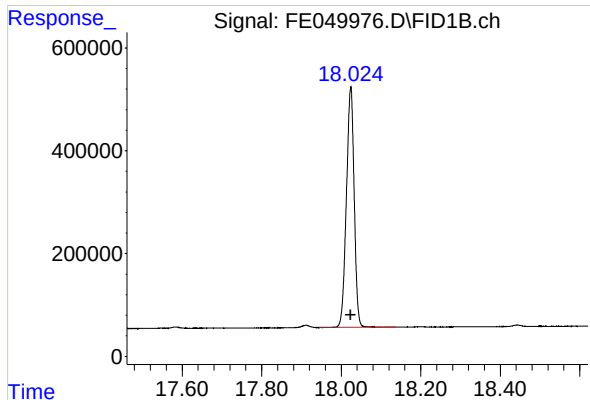
#15 n-Hexacosane (C26)

R.T.: 16.188 min
Delta R.T.: 0.000 min
Response: 6172556
Conc: 50.07 ug/ml



#16 n-Octacosane (C28)

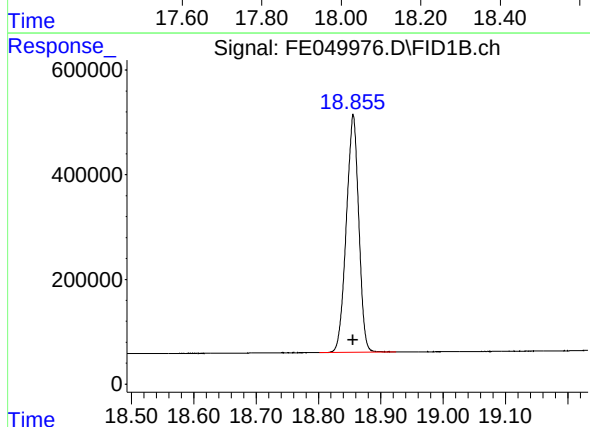
R.T.: 17.138 min
Delta R.T.: 0.000 min
Response: 6177715
Conc: 50.13 ug/ml



#17 n-Tricontane (C30)

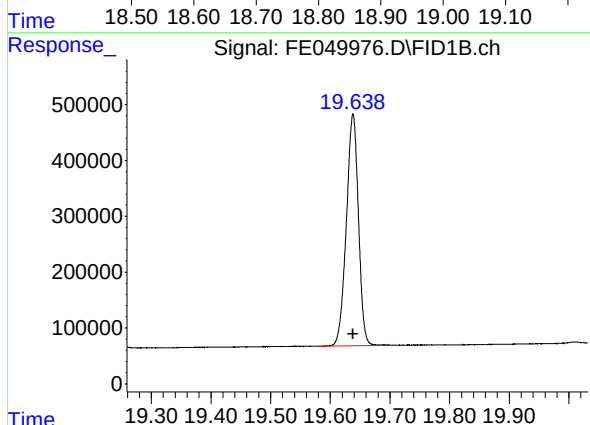
R.T.: 18.024 min
Delta R.T.: 0.000 min
Response: 6354286
Conc: 50.07 ug/ml

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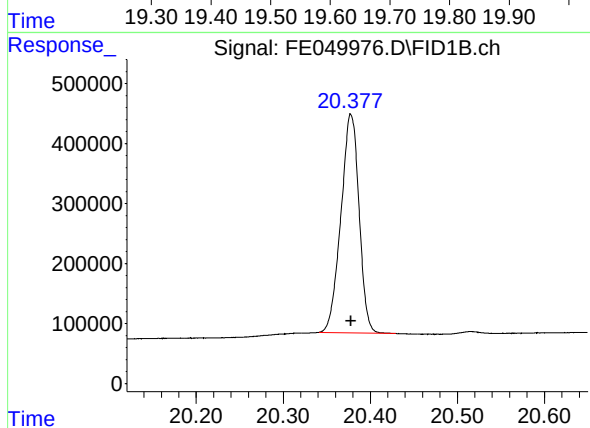
#18 n-Dotriacontane (C32)

R.T.: 18.856 min
Delta R.T.: 0.000 min
Response: 6288177
Conc: 49.95 ug/ml



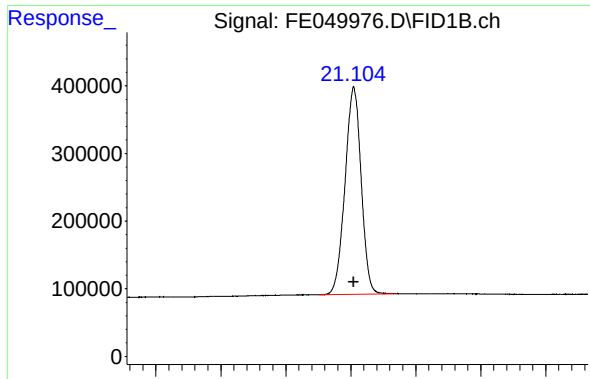
#19 n-Tetratriacontane (C34)

R.T.: 19.638 min
Delta R.T.: 0.000 min
Response: 5841480
Conc: 49.88 ug/ml



#20 n-Hexatriacontane (C36)

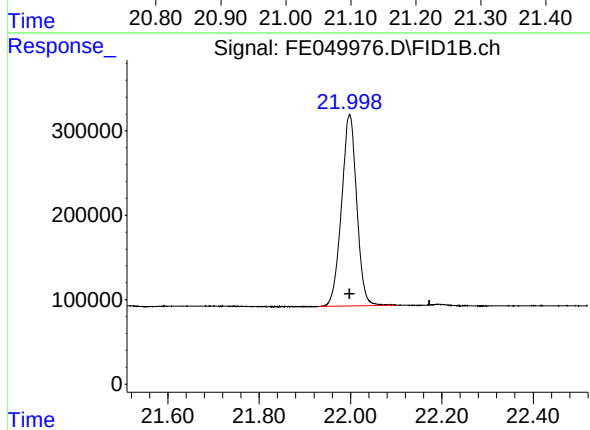
R.T.: 20.378 min
Delta R.T.: 0.000 min
Response: 5286964
Conc: 49.91 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.104 min
Delta R.T.: 0.000 min
Response: 5289296
Conc: 49.93 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.998 min
Delta R.T.: 0.000 min
Response: 5241620
Conc: 50.14 ug/ml