

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE052825AL\
 Data File : FE054039.D
 Signal(s) : FID1B.ch
 Acq On : 28 May 2025 08:37
 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 28 17:10:37 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 051425.M
 Quant Title : GC Extractables
 QLast Update : Wed May 14 12:15:41 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)	11.844	3007121	18.504 ug/ml
Spiked Amount 50.000		Recovery =	37.01%
12) S 1-chlorooctadecane (S...	13.289	2221364	18.738 ug/ml
Spiked Amount 50.000		Recovery =	37.48%
Target Compounds			
1) T n-Nonane (C9)	3.189	2156867	15.959 ug/ml
2) T n-Decane (C10)	4.453	2207557	16.336 ug/ml
3) T A~Naphthalene (C11.7)	6.168	2453121	17.069 ug/ml
4) T n-Dodecane (C12)	6.635	2289312	16.783 ug/ml
5) T A~2-methylnaphthalene...	7.271	2392260	17.247 ug/ml
6) T n-Tetradecane (C14)	8.470	2333374	17.291 ug/ml
7) T n-Hexadecane (C16)	10.083	2413527	17.887 ug/ml
8) T n-Octadecane (C18)	11.529	2447273	18.174 ug/ml
10) T n-Eicosane (C20)	12.843	2440178	18.567 ug/ml
11) T n-Heneicosane (C21)	13.457	2423862	18.696 ug/ml
13) T n-Docosane (C22)	14.045	2412093	18.907 ug/ml
14) T n-Tetracosane (C24)	15.150	2380963	19.030 ug/ml
15) T n-Hexacosane (C26)	16.173	2341422	19.121 ug/ml
16) T n-Octacosane (C28)	17.124	2334705	19.206 ug/ml
17) T n-Tricontane (C30)	18.013	2412321	19.366 ug/ml
18) T n-Dotriacontane (C32)	18.848	2422876	19.375 ug/ml
19) T n-Tetratriacontane (C34)	19.632	2311225	19.402 ug/ml
20) T n-Hexatriacontane (C36)	20.374	2277654	19.671 ug/ml
21) T n-Octatriacontane (C38)	21.105	2254341	20.715 ug/ml
22) T n-Tetracontane (C40)	22.000	2227523	22.448 ug/ml

(f)=RT Delta > 1/2 Window

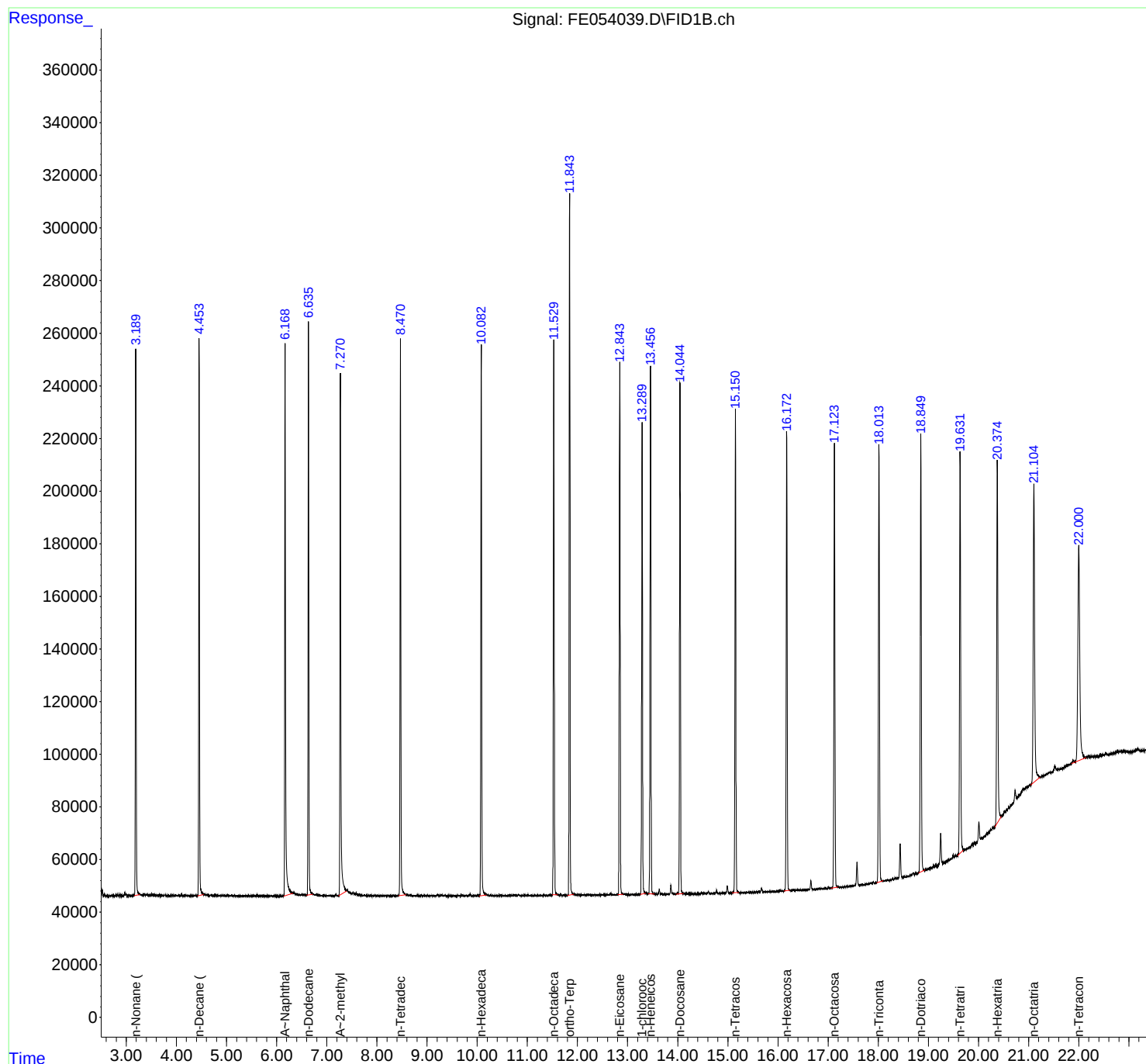
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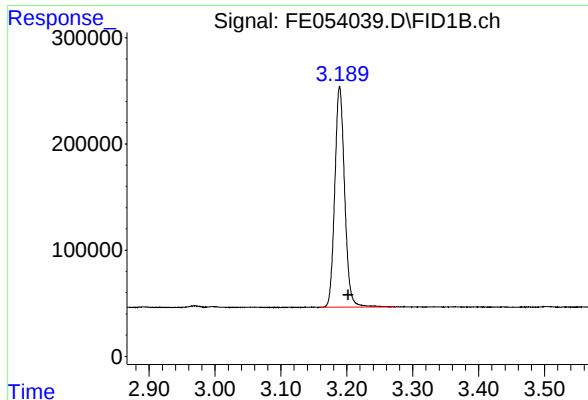
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE052825AL\
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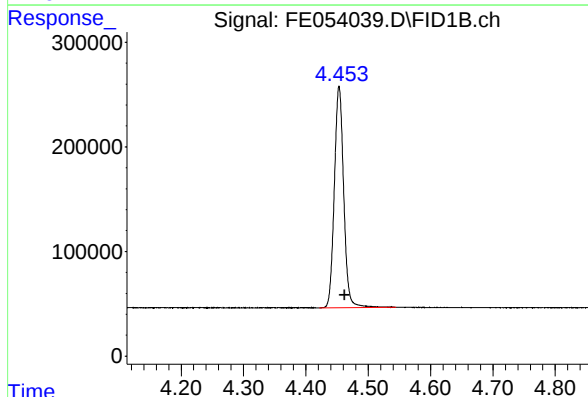




#1 n-Nonane (C9)

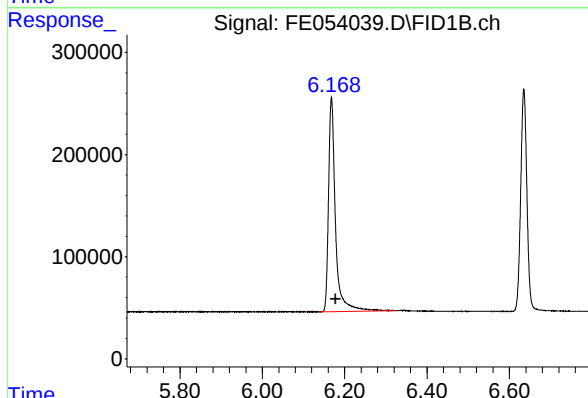
R.T.: 3.189 min
Delta R.T.: -0.013 min
Response: 2156867
Conc: 15.96 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



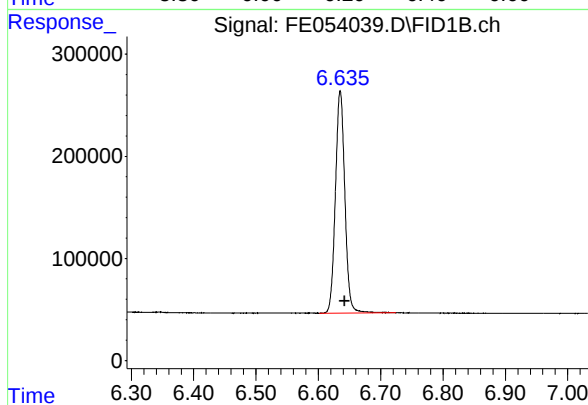
#2 n-Decane (C10)

R.T.: 4.453 min
Delta R.T.: -0.009 min
Response: 2207557
Conc: 16.34 ug/ml



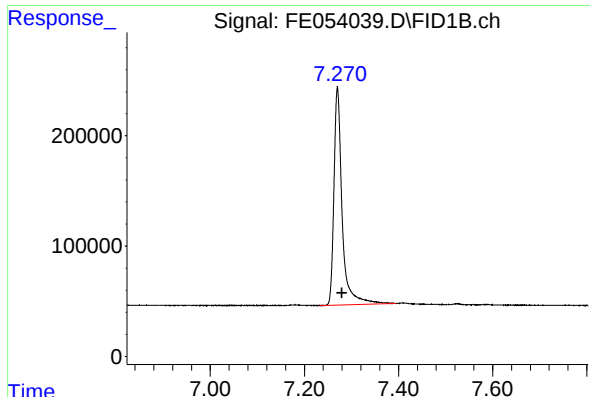
#3 A~Naphthalene (C11.7)

R.T.: 6.168 min
Delta R.T.: -0.010 min
Response: 2453121
Conc: 17.07 ug/ml



#4 n-Dodecane (C12)

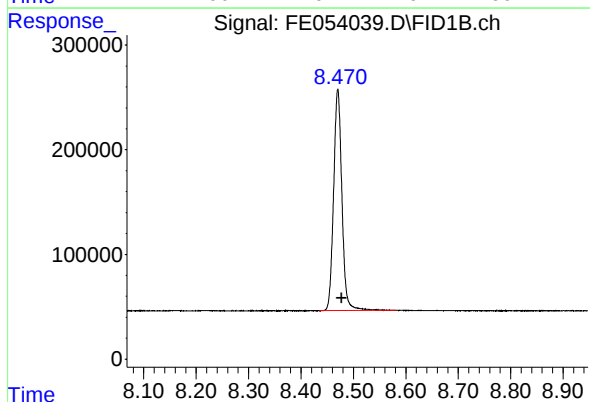
R.T.: 6.635 min
Delta R.T.: -0.007 min
Response: 2289312
Conc: 16.78 ug/ml



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

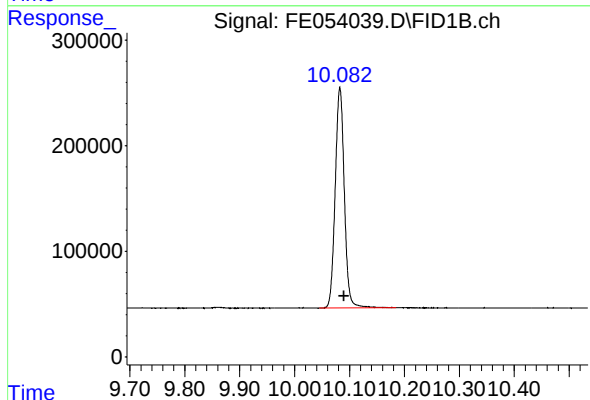
R.T.: 7.271 min
Delta R.T.: -0.010 min
Response: 2392260
Conc: 17.25 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



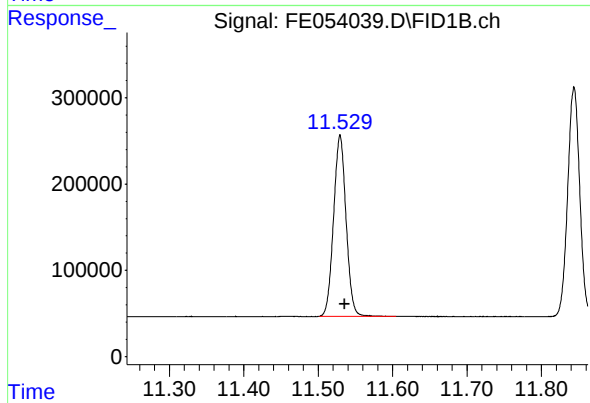
#6 n-Tetradecane (C14)

R.T.: 8.470 min
Delta R.T.: -0.007 min
Response: 2333374
Conc: 17.29 ug/ml



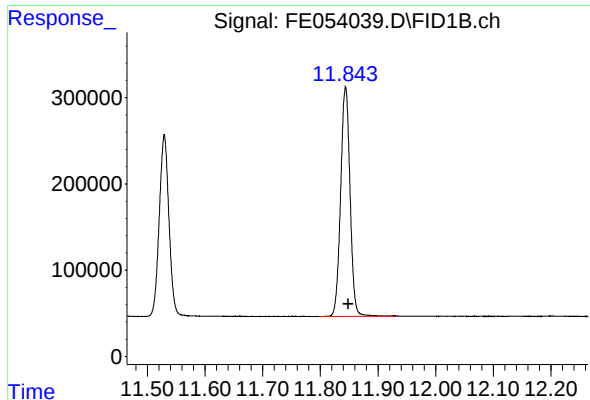
#7 n-Hexadecane (C16)

R.T.: 10.083 min
Delta R.T.: -0.007 min
Response: 2413527
Conc: 17.89 ug/ml



#8 n-Octadecane (C18)

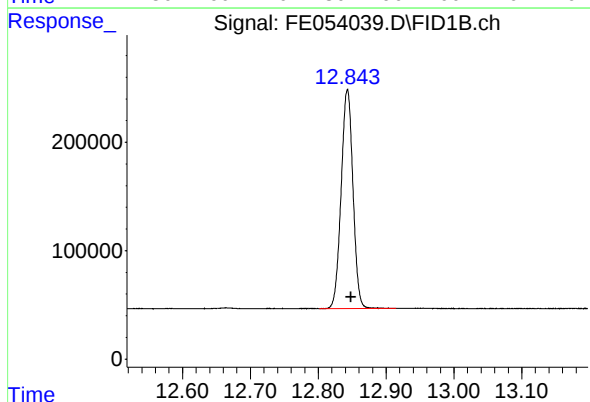
R.T.: 11.529 min
Delta R.T.: -0.006 min
Response: 2447273
Conc: 18.17 ug/ml



#9 ortho-Terphenyl (SURR)

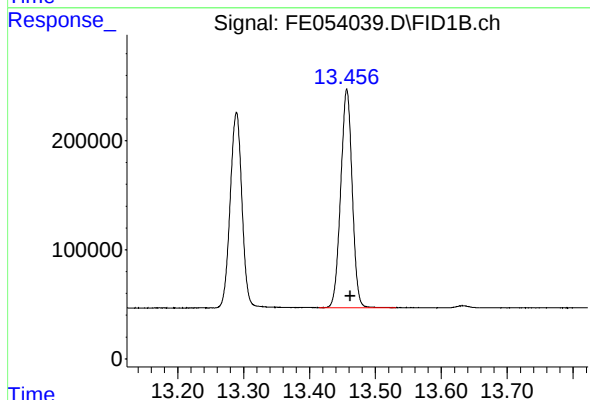
R.T.: 11.844 min
Delta R.T.: -0.005 min
Response: 3007121
Conc: 18.50 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



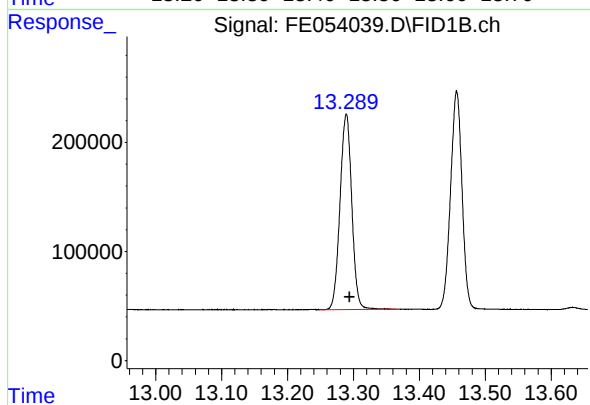
#10 n-Eicosane (C20)

R.T.: 12.843 min
Delta R.T.: -0.006 min
Response: 2440178
Conc: 18.57 ug/ml



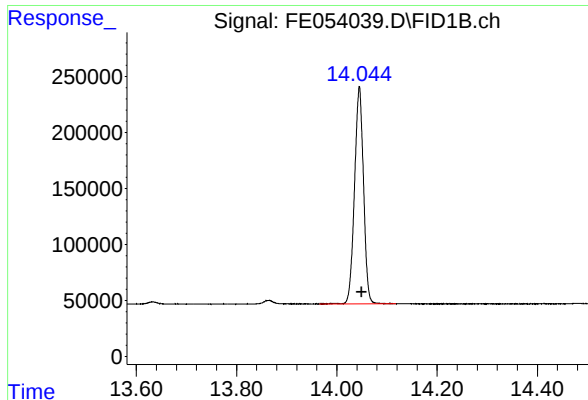
#11 n-Heneicosane (C21)

R.T.: 13.457 min
Delta R.T.: -0.006 min
Response: 2423862
Conc: 18.70 ug/ml



#12 1-chlorooctadecane (SURR)

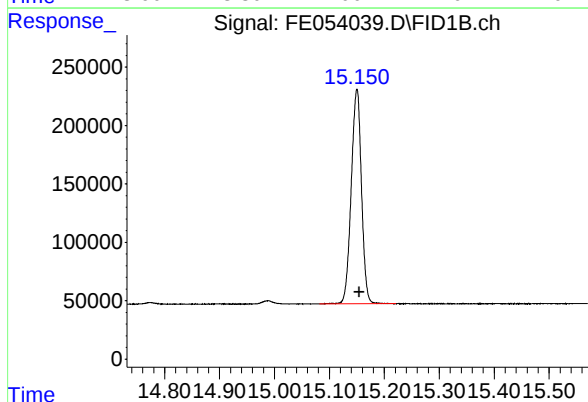
R.T.: 13.289 min
Delta R.T.: -0.005 min
Response: 2221364
Conc: 18.74 ug/ml



#13 n-Docosane (C22)

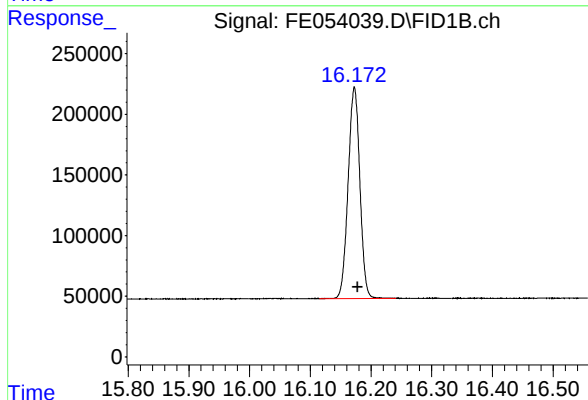
R.T.: 14.045 min
Delta R.T.: -0.005 min
Response: 2412093
Conc: 18.91 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



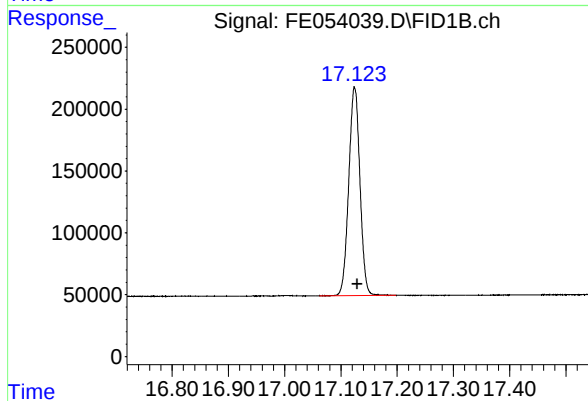
#14 n-Tetracosane (C24)

R.T.: 15.150 min
Delta R.T.: -0.005 min
Response: 2380963
Conc: 19.03 ug/ml



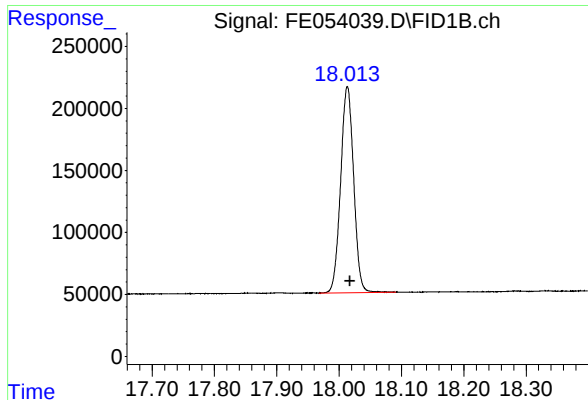
#15 n-Hexacosane (C26)

R.T.: 16.173 min
Delta R.T.: -0.005 min
Response: 2341422
Conc: 19.12 ug/ml



#16 n-Octacosane (C28)

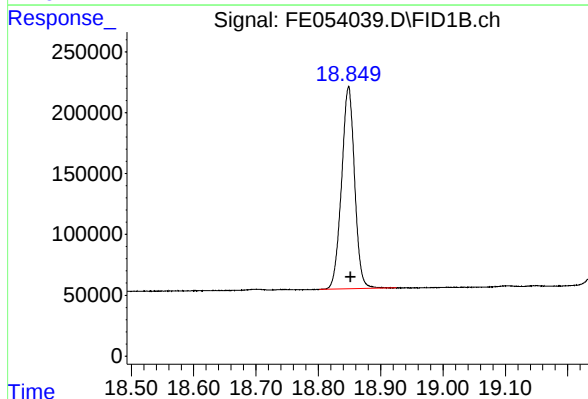
R.T.: 17.124 min
Delta R.T.: -0.004 min
Response: 2334705
Conc: 19.21 ug/ml



#17 n-Tricontane (C30)

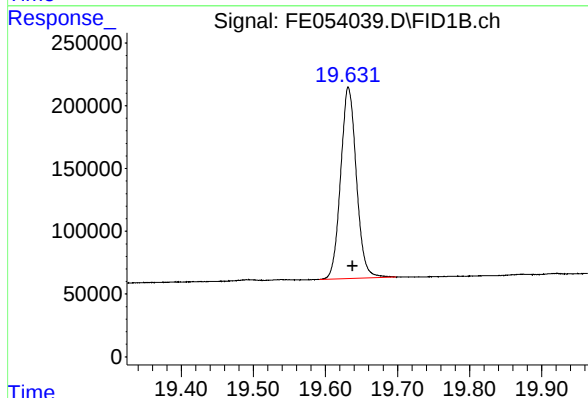
R.T.: 18.013 min
Delta R.T.: -0.005 min
Response: 2412321
Conc: 19.37 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



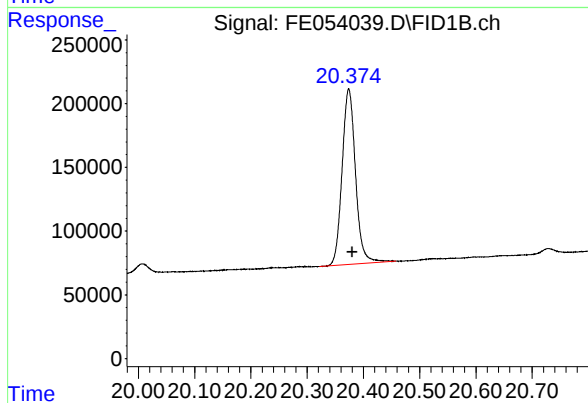
#18 n-Dotriacontane (C32)

R.T.: 18.848 min
Delta R.T.: -0.004 min
Response: 2422876
Conc: 19.37 ug/ml



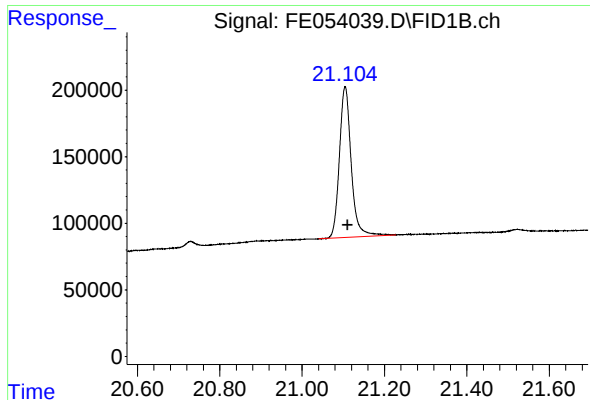
#19 n-Tetatriacontane (C34)

R.T.: 19.632 min
Delta R.T.: -0.006 min
Response: 2311225
Conc: 19.40 ug/ml



#20 n-Hexatriacontane (C36)

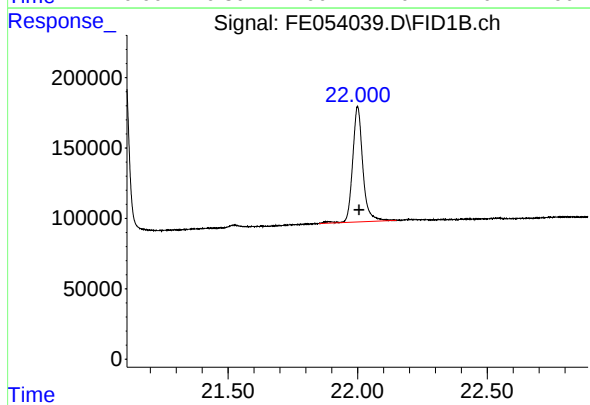
R.T.: 20.374 min
Delta R.T.: -0.006 min
Response: 2277654
Conc: 19.67 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.105 min
Delta R.T.: -0.006 min
Response: 2254341
Conc: 20.72 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 22.000 min
Delta R.T.: -0.007 min
Response: 2227523
Conc: 22.45 ug/ml