

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE010924AL\
 Data File : FE046135.D
 Signal(s) : FID1B.ch
 Acq On : 09 Jan 2024 23:15
 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: Jan 10 02:41:30 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 122923.M
 Quant Title : GC Extractables
 QLast Update : Fri Dec 29 03:49:54 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)	11.838	3796883	20.894 ug/ml
Spiked Amount 50.000		Recovery =	41.79%
12) S 1-chlorooctadecane (S...	13.283	2843635	21.283 ug/ml
Spiked Amount 50.000		Recovery =	42.57%
Target Compounds			
1) T n-Nonane (C9)	3.219	2985222	19.506 ug/ml
2) T n-Decane (C10)	4.471	3071410	19.790 ug/ml
3) T A~Naphthalene (C11.7)	6.175	3307714	19.889 ug/ml
4) T n-Dodecane (C12)	6.639	3136483	20.088 ug/ml
5) T A~2-methylnaphthalene...	7.272	3227199	20.270 ug/ml
6) T n-Tetradecane (C14)	8.467	3148118	20.210 ug/ml
7) T n-Hexadecane (C16)	10.077	3253321	20.544 ug/ml
8) T n-Octadecane (C18)	11.524	3293122	20.923 ug/ml
10) T n-Eicosane (C20)	12.836	3204352	21.182 ug/ml
11) T n-Heneicosane (C21)	13.450	3115323	21.185 ug/ml
13) T n-Docosane (C22)	14.038	3150723	21.555 ug/ml
14) T n-Tetracosane (C24)	15.144	3296899	22.732 ug/ml
15) T n-Hexacosane (C26)	16.168	3262974	22.760 ug/ml
16) T n-Octacosane (C28)	17.122	3372558	23.515 ug/ml
17) T n-Tricontane (C30)	18.014	3509667	23.612 ug/ml
18) T n-Dotriacontane (C32)	18.850	3491196	23.343 ug/ml
19) T n-Tetratriacontane (C34)	19.636	3322046	23.190 ug/ml
20) T n-Hexatriacontane (C36)	20.381	2959830	20.301 ug/ml
21) T n-Octatriacontane (C38)	21.117	3028387	20.537 ug/ml
22) T n-Tetracontane (C40)	22.022	3480702	22.237 ug/ml

(f)=RT Delta > 1/2 Window

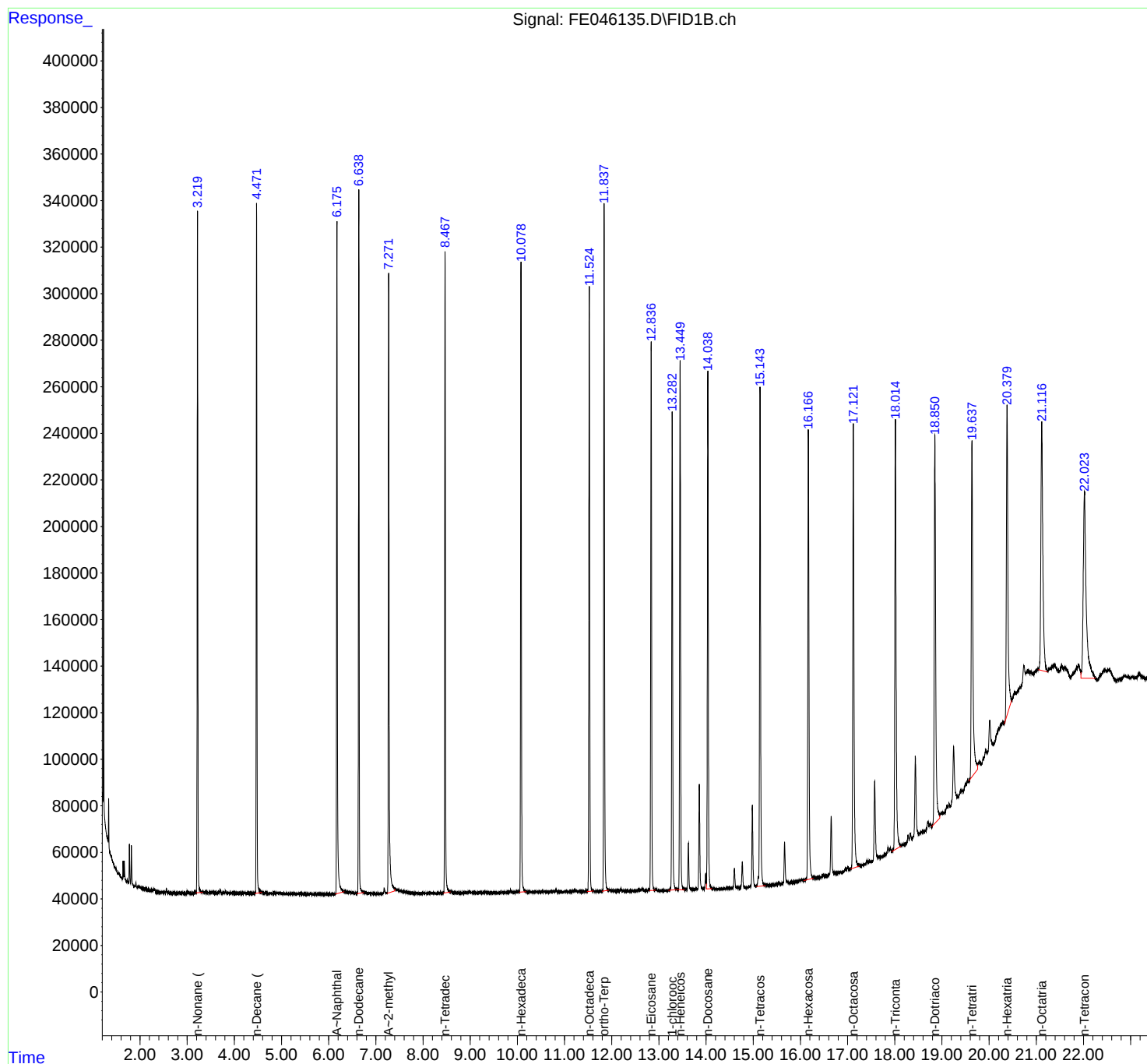
(m)=manual int.

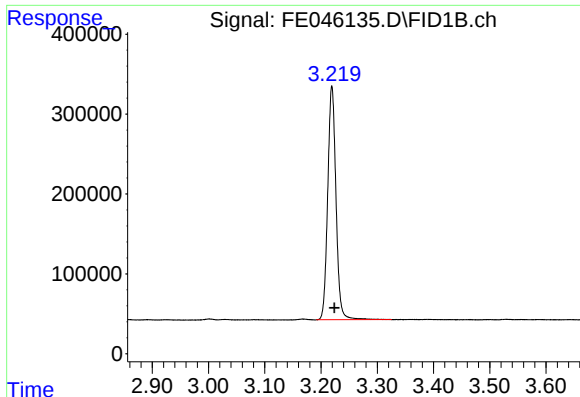
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE010924AL\
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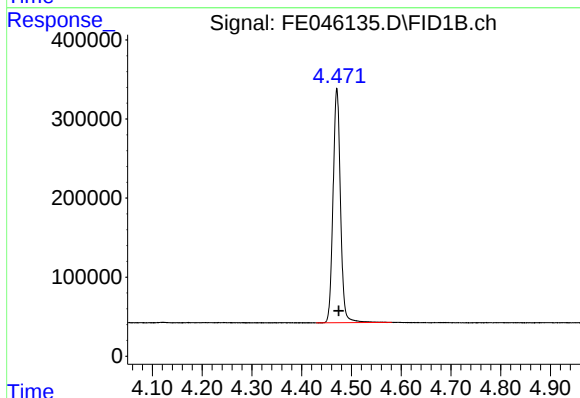




#1 n-Nonane (C9)

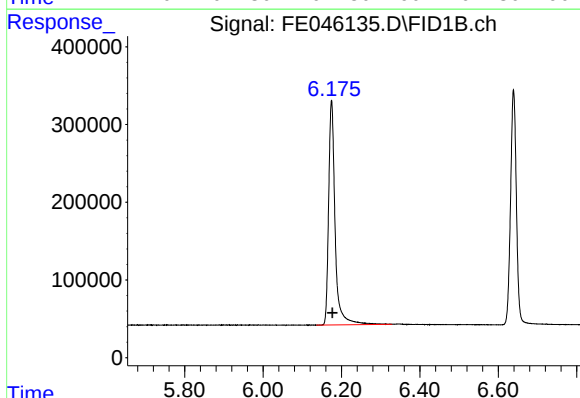
R.T.: 3.219 min
Delta R.T.: -0.005 min
Response: 2985222
Conc: 19.51 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



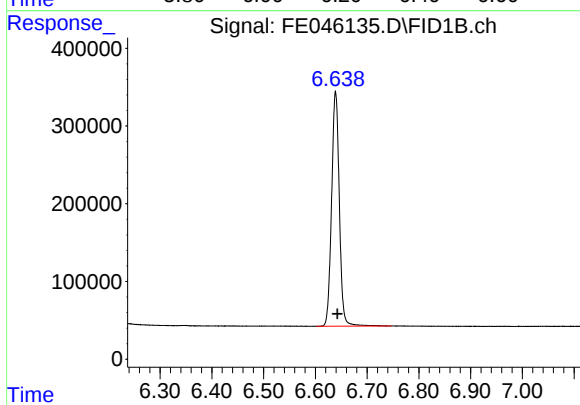
#2 n-Decane (C10)

R.T.: 4.471 min
Delta R.T.: -0.004 min
Response: 3071410
Conc: 19.79 ug/ml



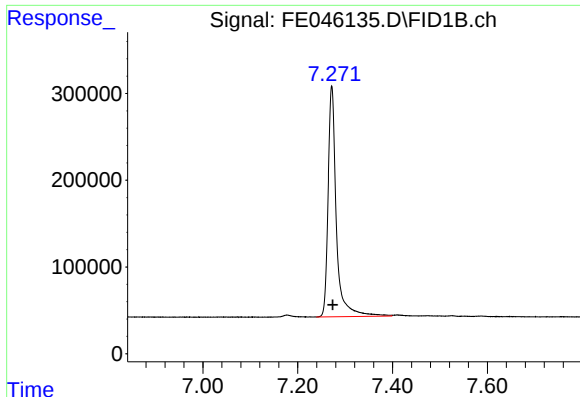
#3 A~Naphthalene (C11.7)

R.T.: 6.175 min
Delta R.T.: -0.002 min
Response: 3307714
Conc: 19.89 ug/ml



#4 n-Dodecane (C12)

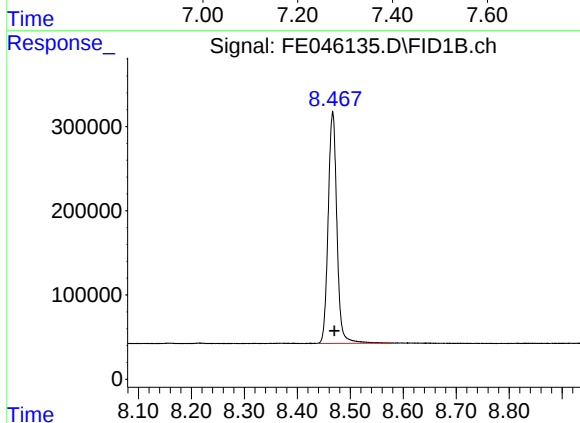
R.T.: 6.639 min
Delta R.T.: -0.003 min
Response: 3136483
Conc: 20.09 ug/ml



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

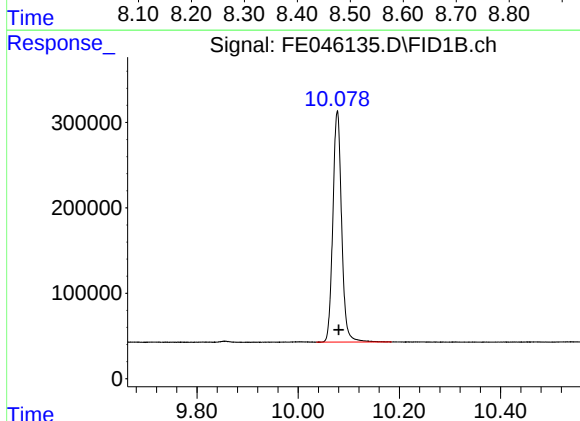
R.T.: 7.272 min
Delta R.T.: -0.002 min
Response: 3227199
Conc: 20.27 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



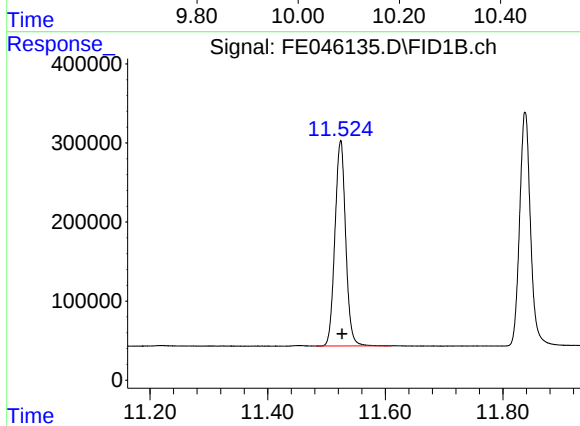
#6 n-Tetradecane (C14)

R.T.: 8.467 min
Delta R.T.: -0.003 min
Response: 3148118
Conc: 20.21 ug/ml



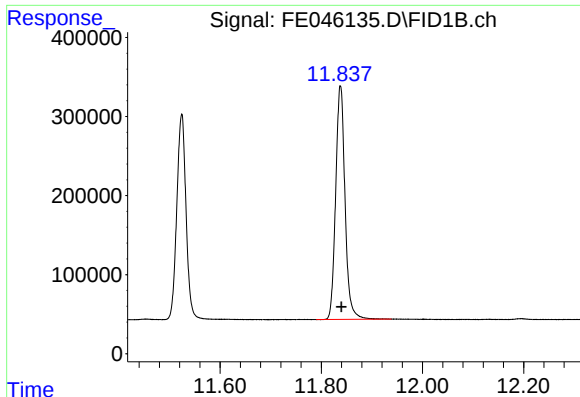
#7 n-Hexadecane (C16)

R.T.: 10.077 min
Delta R.T.: -0.003 min
Response: 3253321
Conc: 20.54 ug/ml



#8 n-Octadecane (C18)

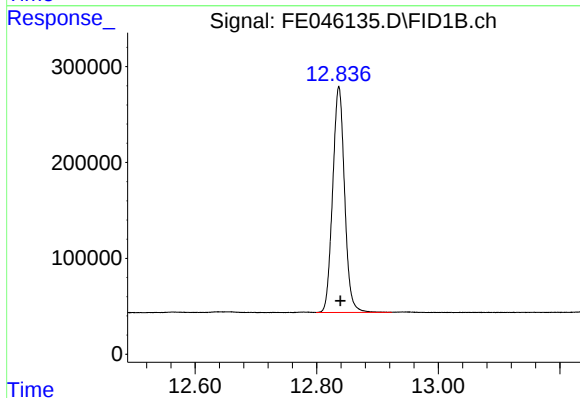
R.T.: 11.524 min
Delta R.T.: -0.003 min
Response: 3293122
Conc: 20.92 ug/ml



#9 ortho-Terphenyl (SURR)

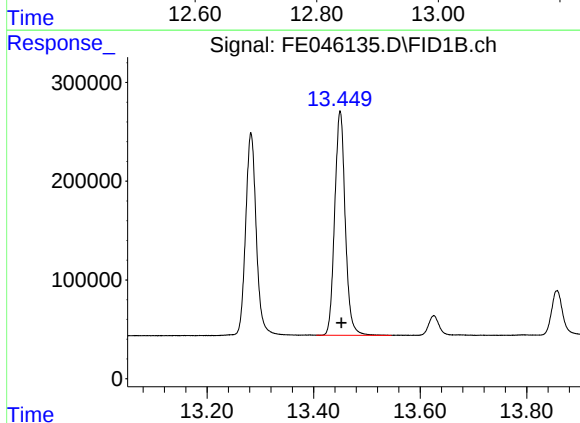
R.T.: 11.838 min
Delta R.T.: -0.002 min
Response: 3796883
Conc: 20.89 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



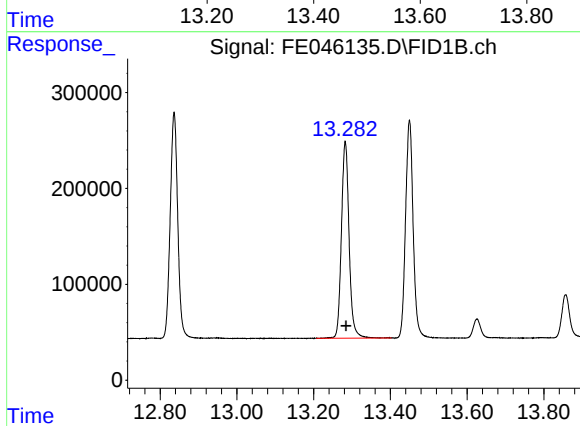
#10 n-Eicosane (C20)

R.T.: 12.836 min
Delta R.T.: -0.002 min
Response: 3204352
Conc: 21.18 ug/ml



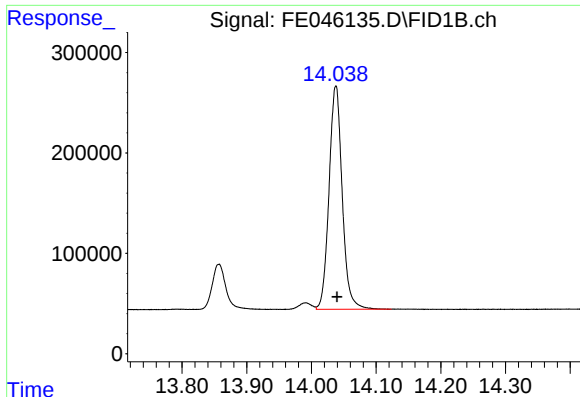
#11 n-Heneicosane (C21)

R.T.: 13.450 min
Delta R.T.: -0.003 min
Response: 3115323
Conc: 21.19 ug/ml



#12 1-chlorooctadecane (SURR)

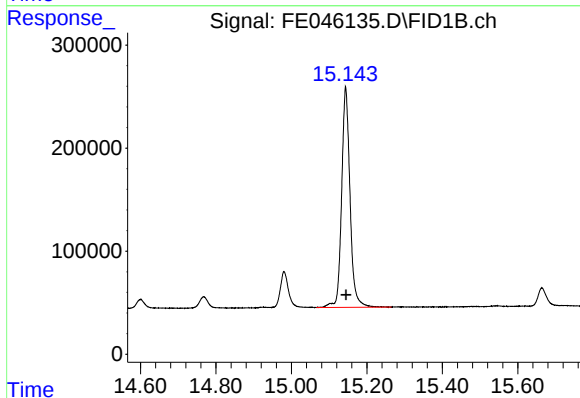
R.T.: 13.283 min
Delta R.T.: -0.002 min
Response: 2843635
Conc: 21.28 ug/ml



#13 n-Docosane (C22)

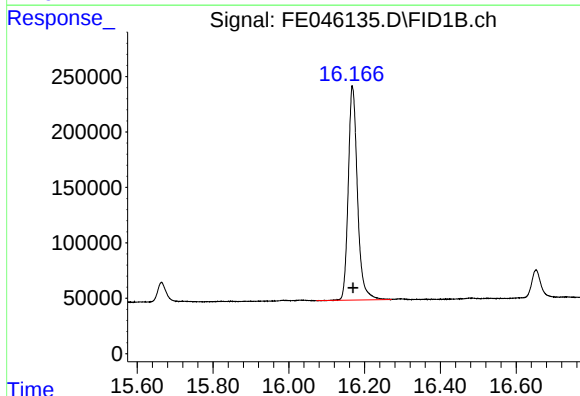
R.T.: 14.038 min
Delta R.T.: -0.002 min
Response: 3150723
Conc: 21.55 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



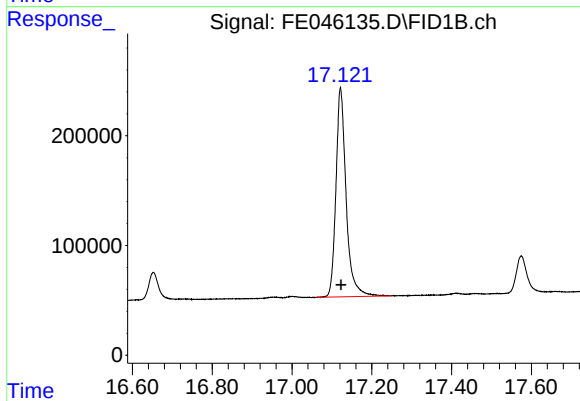
#14 n-Tetracosane (C24)

R.T.: 15.144 min
Delta R.T.: -0.002 min
Response: 3296899
Conc: 22.73 ug/ml



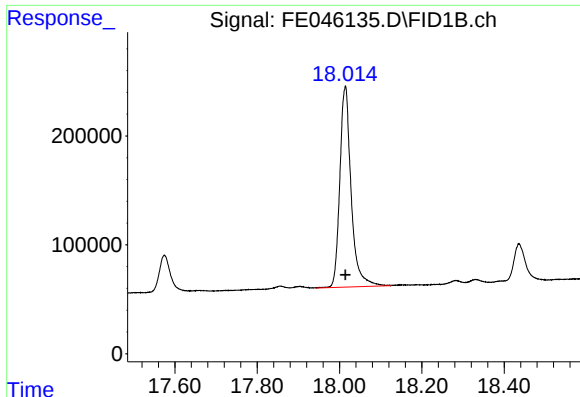
#15 n-Hexacosane (C26)

R.T.: 16.168 min
Delta R.T.: -0.002 min
Response: 3262974
Conc: 22.76 ug/ml



#16 n-Octacosane (C28)

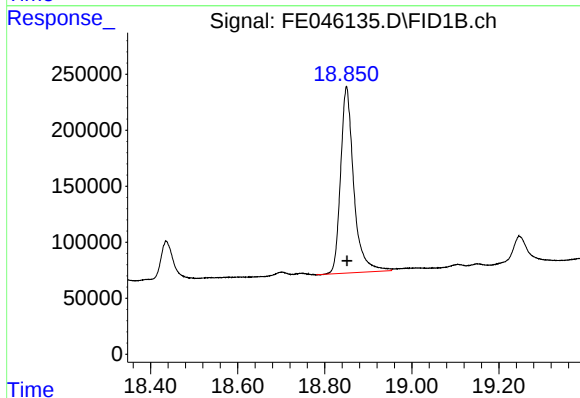
R.T.: 17.122 min
Delta R.T.: -0.001 min
Response: 3372558
Conc: 23.52 ug/ml



#17 n-Tricontane (C30)

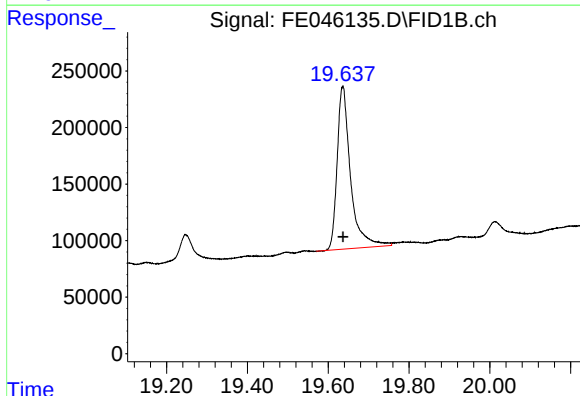
R.T.: 18.014 min
Delta R.T.: 0.000 min
Response: 3509667
Conc: 23.61 ug/ml

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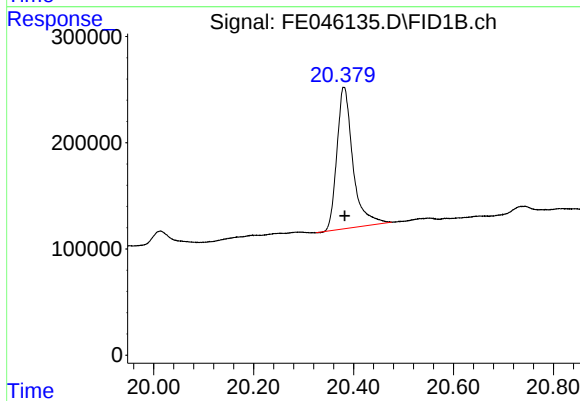
#18 n-Dotriacontane (C32)

R.T.: 18.850 min
Delta R.T.: -0.001 min
Response: 3491196
Conc: 23.34 ug/ml



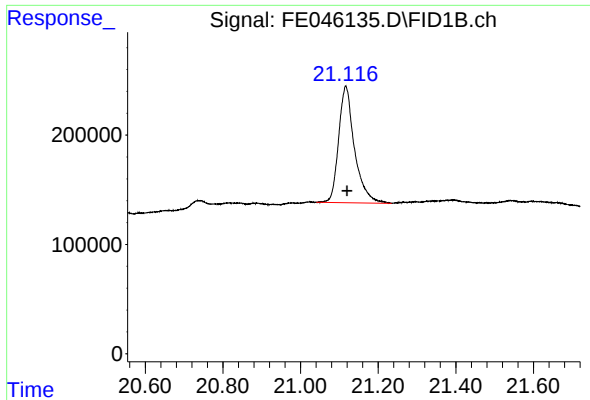
#19 n-Tetratriacontane (C34)

R.T.: 19.636 min
Delta R.T.: 0.000 min
Response: 3322046
Conc: 23.19 ug/ml



#20 n-Hexatriacontane (C36)

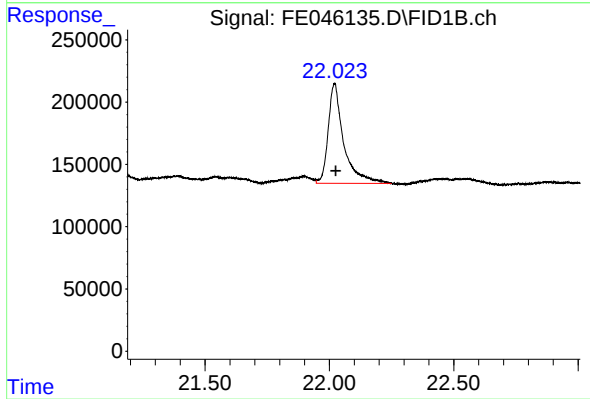
R.T.: 20.381 min
Delta R.T.: -0.001 min
Response: 2959830
Conc: 20.30 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.117 min
Delta R.T.: -0.003 min
Response: 3028387
Conc: 20.54 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 22.022 min
Delta R.T.: -0.004 min
Response: 3480702
Conc: 22.24 ug/ml