

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE121224AL\
 Data File : FE051636.D
 Signal(s) : FID1B.ch
 Acq On : 12 Dec 2024 13:22
 Operator : YP\AJ
 Sample : 100 PPM ALIPHATIC HC STD1
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 100 PPM ALIPHATIC HC STD1

Integration File: autoint1.e
 Quant Time: Dec 12 14:57:03 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 121224.M
 Quant Title : GC Extractables
 QLast Update : Thu Dec 12 14:54:26 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)	11.998	14137195	95.843 ug/ml
Spiked Amount 50.000		Recovery =	191.69%
12) S 1-chlorooctadecane (S...	13.413	11334297	95.461 ug/ml
Spiked Amount 50.000		Recovery =	190.92%
Target Compounds			
1) T n-Nonane (C9)	3.485	10587081	95.884 ug/ml
2) T n-Decane (C10)	4.715	10884848	96.069 ug/ml
3) T A~Naphthalene (C11.7)	6.398	12266833	96.047 ug/ml
4) T n-Dodecane (C12)	6.846	11196122	96.108 ug/ml
5) T A~2-methylnaphthalene...	7.479	12117231	96.188 ug/ml
6) T n-Tetradecane (C14)	8.653	11467855	96.212 ug/ml
7) T n-Hexadecane (C16)	10.246	12285679	95.993 ug/ml
8) T n-Octadecane (C18)	11.676	12879626	95.632 ug/ml
10) T n-Eicosane (C20)	12.972	12858712	95.513 ug/ml
11) T n-Heneicosane (C21)	13.579	12874095	94.981 ug/ml
13) T n-Docosane (C22)	14.160	12990357	95.312 ug/ml
14) T n-Tetracosane (C24)	15.251	13236745	94.433 ug/ml
15) T n-Hexacosane (C26)	16.263	13220223	94.262 ug/ml
16) T n-Octacosane (C28)	17.204	13024786	93.089 ug/ml
17) T n-Tricontane (C30)	18.083	13114569	91.234 ug/ml
18) T n-Dotriacontane (C32)	18.907	12446182	88.112 ug/ml
19) T n-Tetratriacontane (C34)	19.683	10885147	87.781 ug/ml
20) T n-Hexatriacontane (C36)	20.415	9422420	84.737 ug/ml
21) T n-Octatriacontane (C38)	21.147	8791331	88.381 ug/ml
22) T n-Tetracontane (C40)	22.060	8748278	88.921 ug/ml

(f)=RT Delta > 1/2 Window

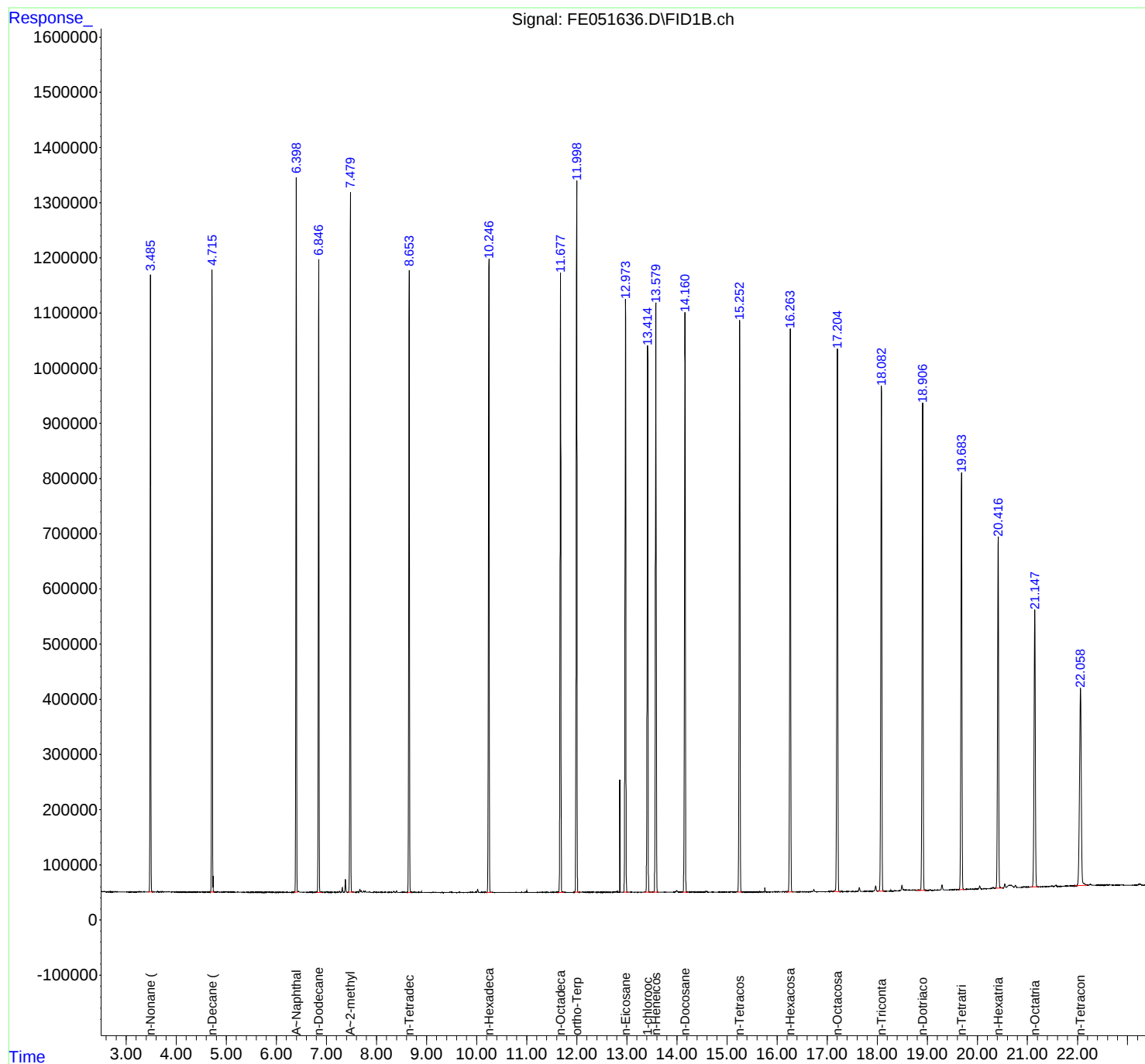
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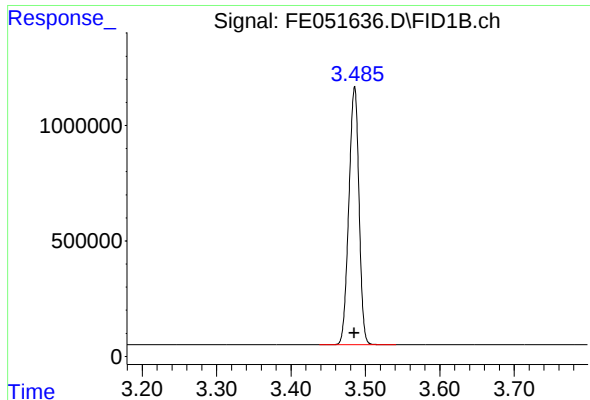
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE121224AL\
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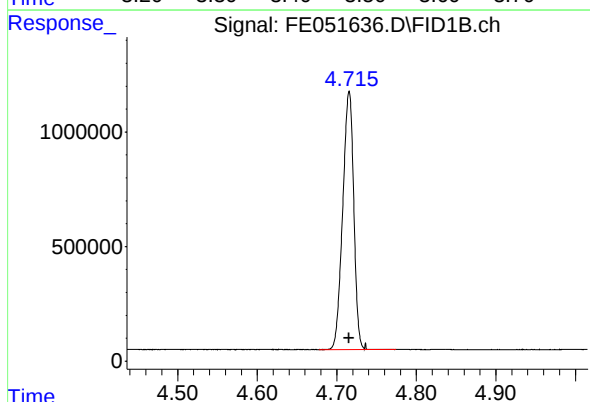




#1 n-Nonane (C9)

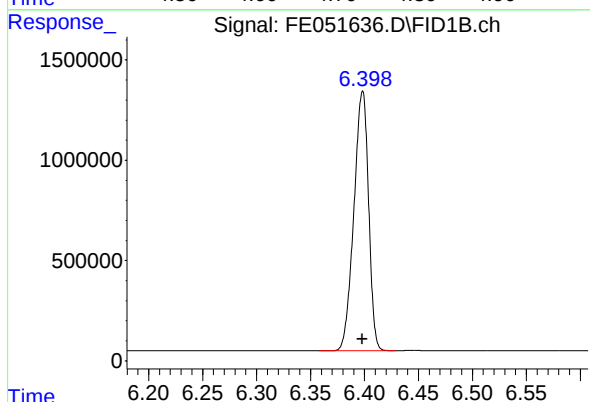
R.T.: 3.485 min
Delta R.T.: 0.000 min
Response: 10587081
Conc: 95.88 ug/ml

Instrument :
FID_E
ClientSampleId :
100 PPM ALIPHATIC HC STD1



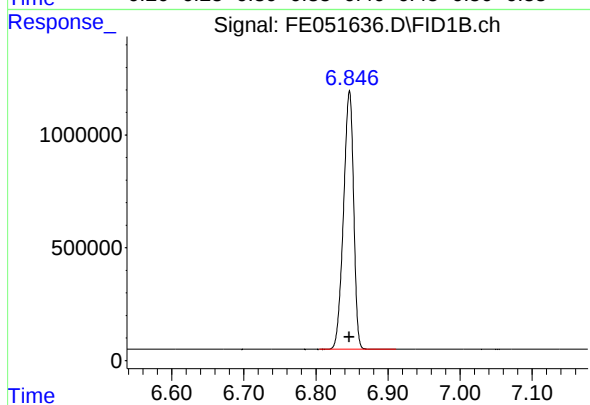
#2 n-Decane (C10)

R.T.: 4.715 min
Delta R.T.: 0.000 min
Response: 10884848
Conc: 96.07 ug/ml



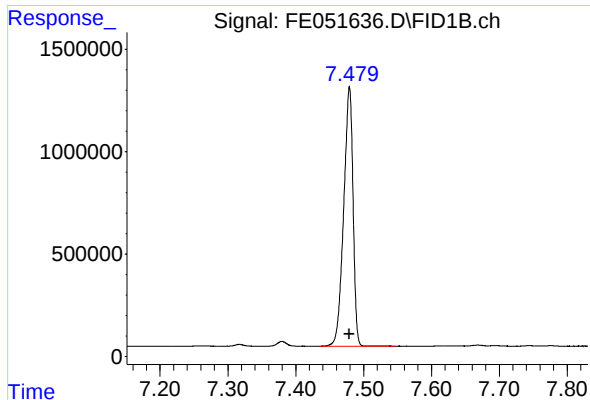
#3 A~Naphthalene (C11.7)

R.T.: 6.398 min
Delta R.T.: 0.000 min
Response: 12266833
Conc: 96.05 ug/ml



#4 n-Dodecane (C12)

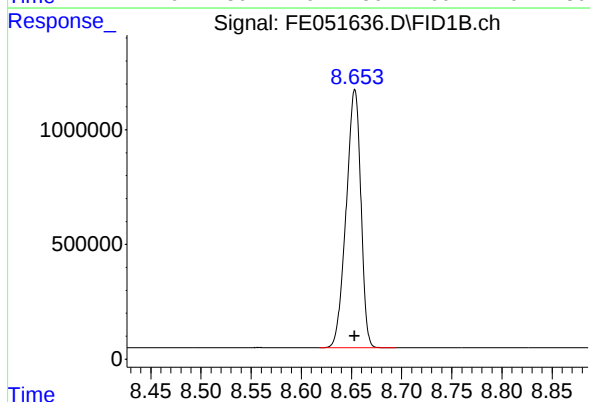
R.T.: 6.846 min
Delta R.T.: 0.000 min
Response: 11196122
Conc: 96.11 ug/ml



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

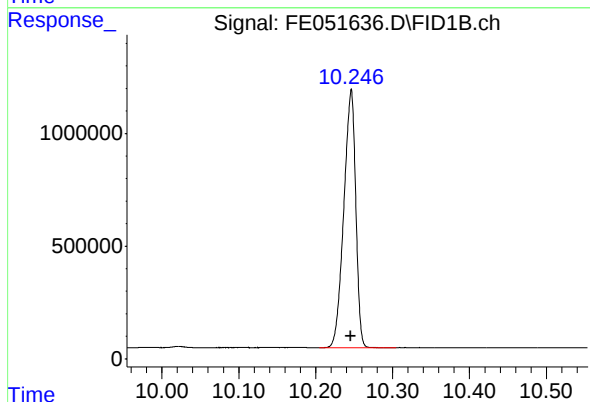
R.T.: 7.479 min
Delta R.T.: 0.000 min
Response: 12117231
Conc: 96.19 ug/ml

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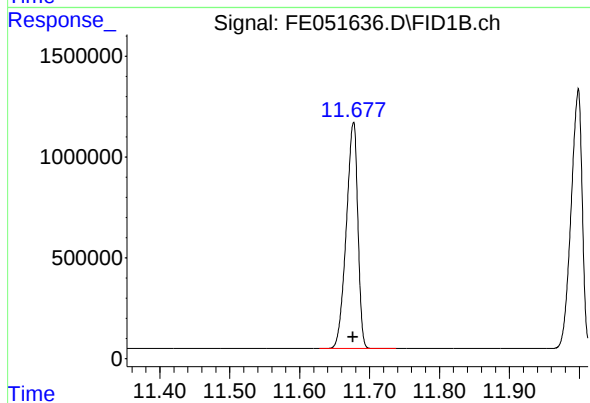
#6 n-Tetradecane (C14)

R.T.: 8.653 min
Delta R.T.: 0.000 min
Response: 11467855
Conc: 96.21 ug/ml



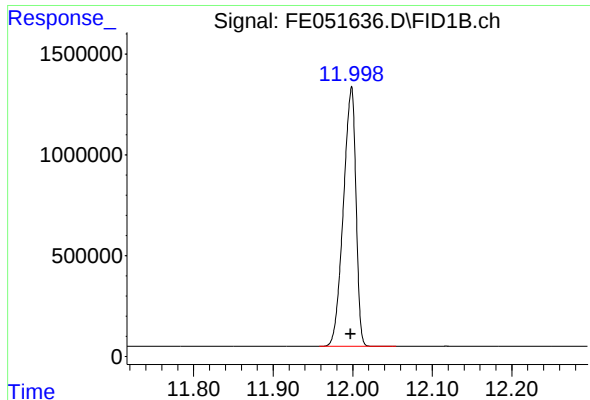
#7 n-Hexadecane (C16)

R.T.: 10.246 min
Delta R.T.: 0.000 min
Response: 12285679
Conc: 95.99 ug/ml



#8 n-Octadecane (C18)

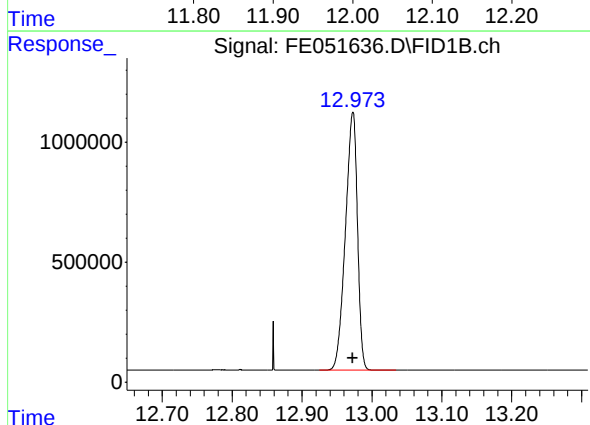
R.T.: 11.676 min
Delta R.T.: 0.000 min
Response: 12879626
Conc: 95.63 ug/ml



#9 ortho-Terphenyl (SURR)

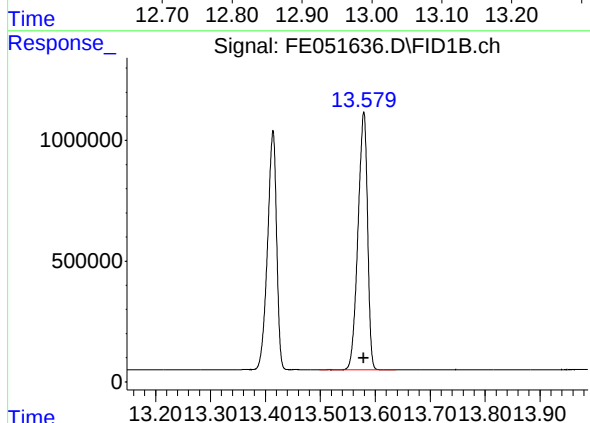
R.T.: 11.998 min
Delta R.T.: 0.000 min
Response: 14137195
Conc: 95.84 ug/ml

Instrument :
FID_E
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100 PPM ALIPHATIC HC STD1



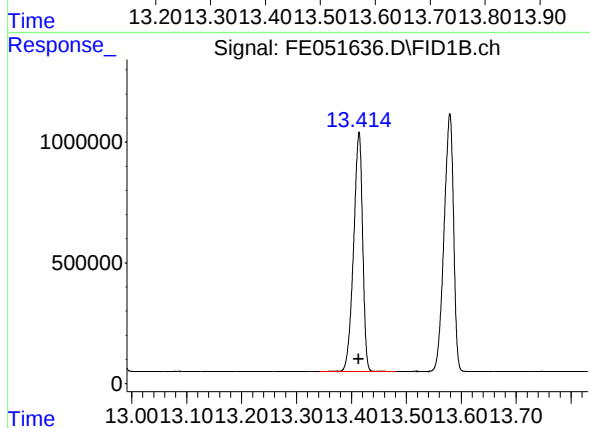
#10 n-Eicosane (C20)

R.T.: 12.972 min
Delta R.T.: 0.000 min
Response: 12858712
Conc: 95.51 ug/ml



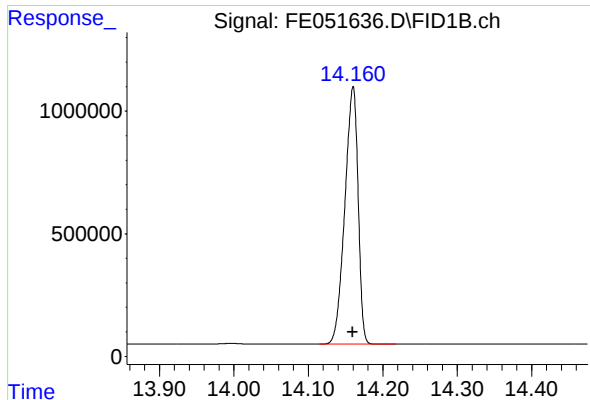
#11 n-Heneicosane (C21)

R.T.: 13.579 min
Delta R.T.: 0.000 min
Response: 12874095
Conc: 94.98 ug/ml



#12 1-chlorooctadecane (SURR)

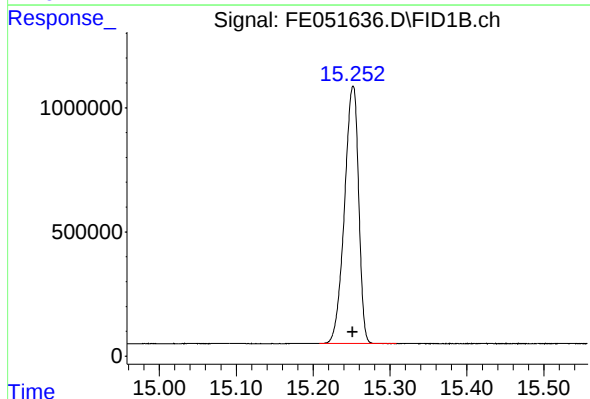
R.T.: 13.413 min
Delta R.T.: 0.000 min
Response: 11334297
Conc: 95.46 ug/ml



#13 n-Docosane (C22)

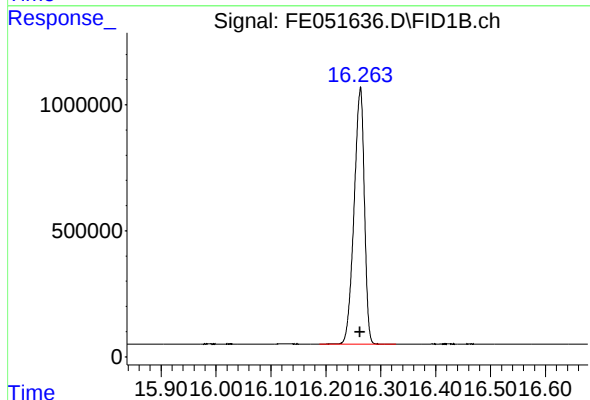
R.T.: 14.160 min
Delta R.T.: 0.000 min
Response: 12990357
Conc: 95.31 ug/ml

Instrument :
FID_E
ClientSampleId :
100 PPM ALIPHATIC HC STD1



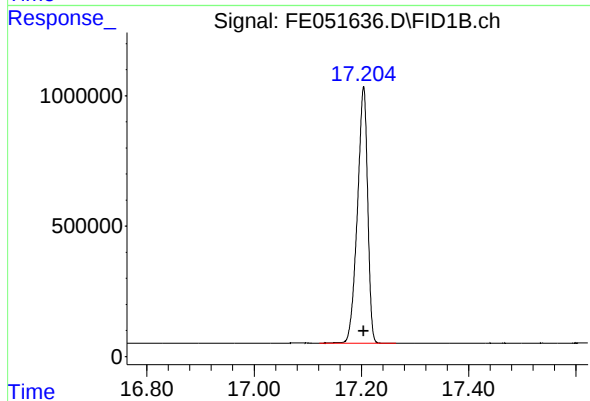
#14 n-Tetracosane (C24)

R.T.: 15.251 min
Delta R.T.: 0.000 min
Response: 13236745
Conc: 94.43 ug/ml



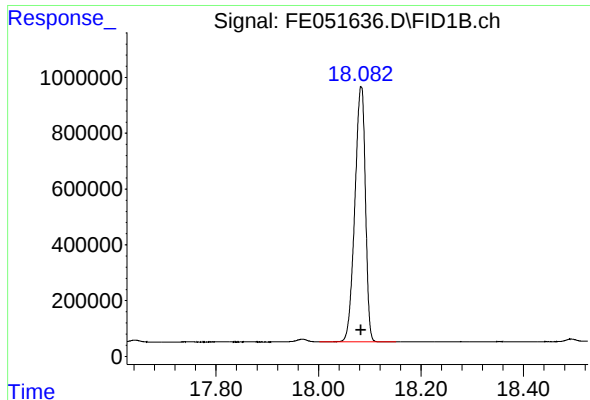
#15 n-Hexacosane (C26)

R.T.: 16.263 min
Delta R.T.: 0.000 min
Response: 13220223
Conc: 94.26 ug/ml



#16 n-Octacosane (C28)

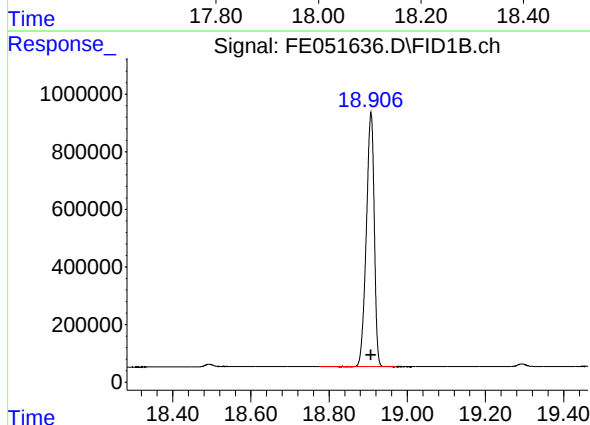
R.T.: 17.204 min
Delta R.T.: 0.000 min
Response: 13024786
Conc: 93.09 ug/ml



#17 n-Tricontane (C30)

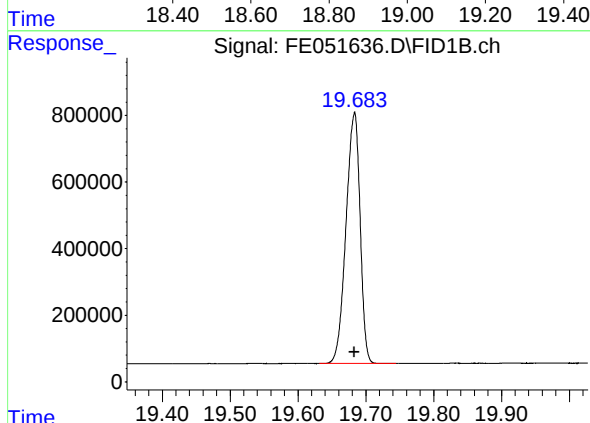
R.T.: 18.083 min
Delta R.T.: 0.000 min
Response: 13114569
Conc: 91.23 ug/ml

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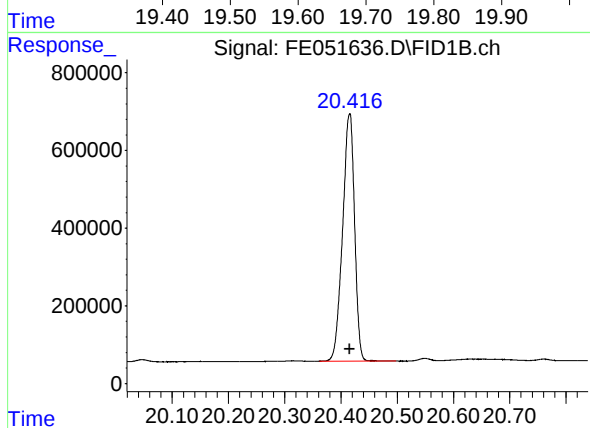
#18 n-Dotriacontane (C32)

R.T.: 18.907 min
Delta R.T.: 0.000 min
Response: 12446182
Conc: 88.11 ug/ml



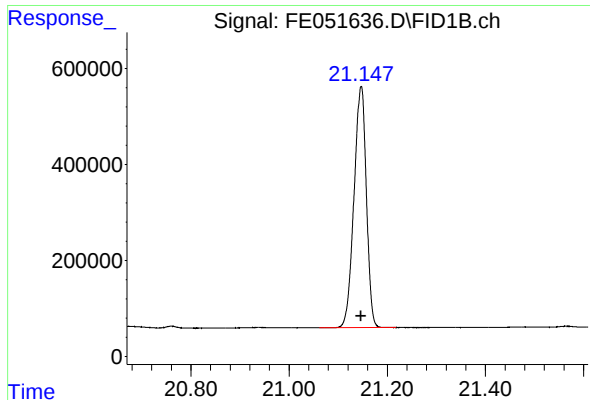
#19 n-Tetratriacontane (C34)

R.T.: 19.683 min
Delta R.T.: 0.000 min
Response: 10885147
Conc: 87.78 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.415 min
Delta R.T.: 0.000 min
Response: 9422420
Conc: 84.74 ug/ml



#21 n-Octatriacontane (C38)

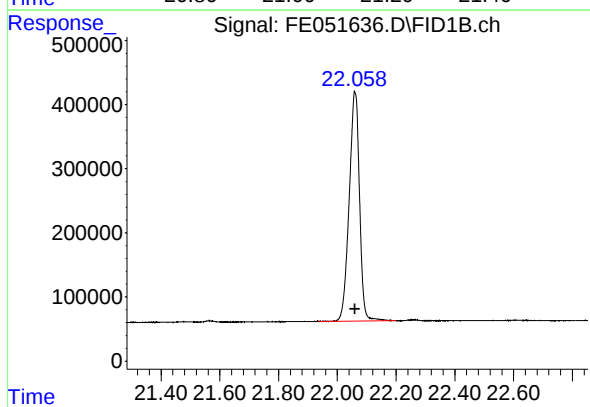
R.T.: 21.147 min
Delta R.T.: 0.000 min
Response: 8791331
Conc: 88.38 ug/ml

Instrument :

FID_E

ClientSampleId :

100 PPM ALIPHATIC HC STD1



#22 n-Tetracontane (C40)

R.T.: 22.060 min
Delta R.T.: 0.000 min
Response: 8748278
Conc: 88.92 ug/ml