

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE062123AL\
 Data File : FE042782.D
 Signal(s) : FID1B.ch
 Acq On : 21 Jun 2023 11:08
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD ICV
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 20 PPM ALIPHATIC HC STD ICV

Integration File: autoint1.e
 Quant Time: Jun 21 11:45:33 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 062123.M
 Quant Title : GC Extractables
 QLast Update : Wed Jun 21 11:03:59 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)	11.925	3851228	20.964 ug/ml
Spiked Amount 50.000		Recovery =	41.93%
12) S 1-chlorooctadecane (S...	13.362	2854034	20.971 ug/ml
Spiked Amount 50.000		Recovery =	41.94%
Target Compounds			
1) T n-Nonane (C9)	3.305	3256860	21.084 ug/ml
2) T n-Decane (C10)	4.557	3334077	21.107 ug/ml
3) T A~Naphthalene (C11.7)	6.266	3621664	21.389 ug/ml
4) T n-Dodecane (C12)	6.726	3387633	21.164 ug/ml
5) T A~2-methylnaphthalene...	7.363	3472326	21.416 ug/ml
6) T n-Tetradecane (C14)	8.555	3366230	21.151 ug/ml
7) T n-Hexadecane (C16)	10.163	3473004	21.087 ug/ml
8) T n-Octadecane (C18)	11.606	3495005	21.027 ug/ml
10) T n-Eicosane (C20)	12.916	3333098	21.005 ug/ml
11) T n-Heneicosane (C21)	13.527	3244229	20.969 ug/ml
13) T n-Docosane (C22)	14.114	3201649	21.018 ug/ml
14) T n-Tetracosane (C24)	15.217	3148592	21.221 ug/ml
15) T n-Hexacosane (C26)	16.238	3061186	21.413 ug/ml
16) T n-Octacosane (C28)	17.188	2972588	21.432 ug/ml
17) T n-Tricontane (C30)	18.075	3005871	21.254 ug/ml
18) T n-Dotriacontane (C32)	18.908	2945853	21.003 ug/ml
19) T n-Tetratriacontane (C34)	19.692	2857770	20.883 ug/ml
20) T n-Hexatriacontane (C36)	20.431	2792792	20.883 ug/ml
21) T n-Octatriacontane (C38)	21.173	2845902	20.873 ug/ml
22) T n-Tetracontane (C40)	22.096	2931458	21.070 ug/ml

(f)=RT Delta > 1/2 Window

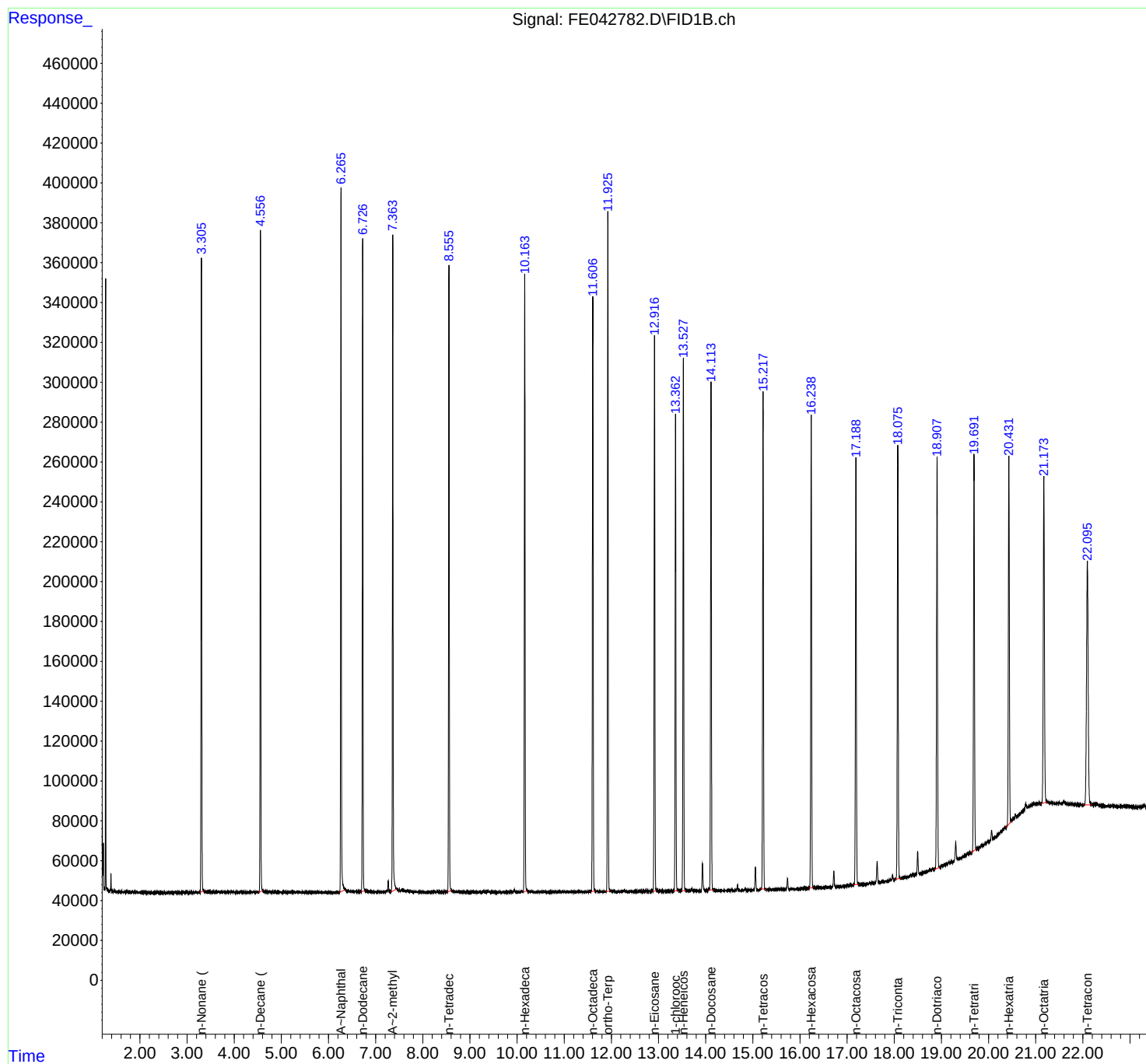
(m)=manual int.

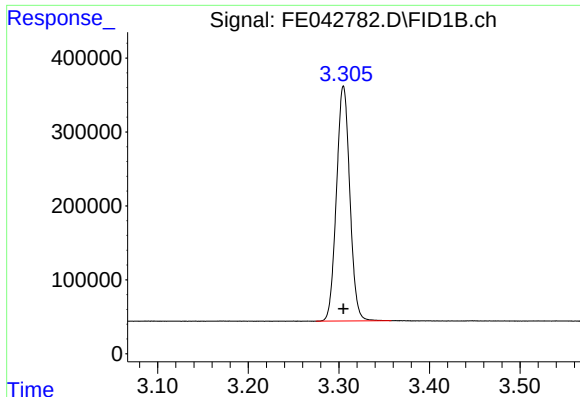
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE062123AL\
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#1 n-Nonane (C9)

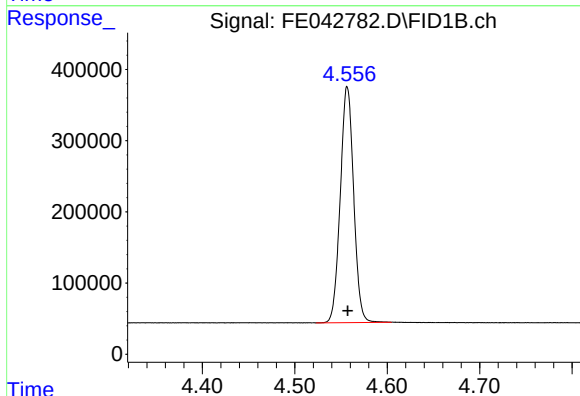
R.T.: 3.305 min
Delta R.T.: 0.000 min
Response: 3256860
Conc: 21.08 ug/ml

Instrument :

FID_E

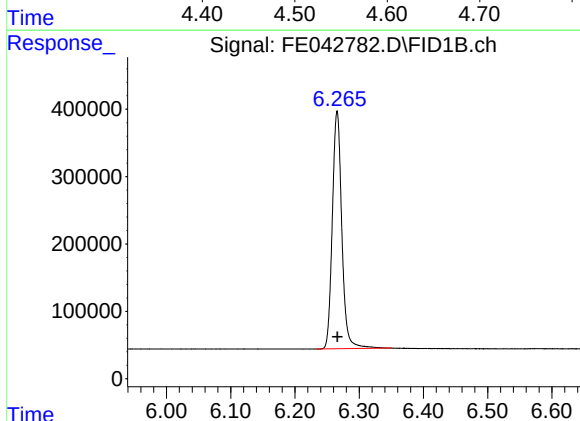
ClientSampleId :

20 PPM ALIPHATIC HC STD ICV



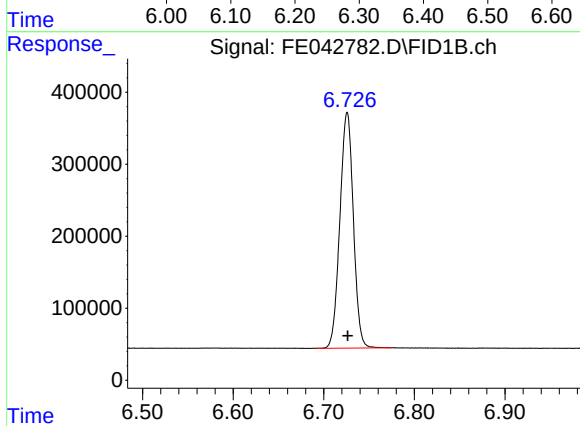
#2 n-Decane (C10)

R.T.: 4.557 min
Delta R.T.: 0.000 min
Response: 3334077
Conc: 21.11 ug/ml



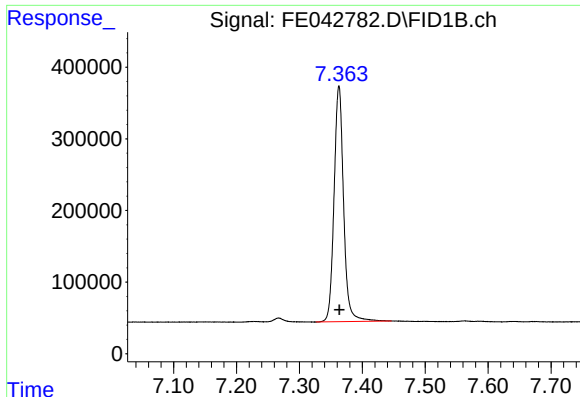
#3 A~Naphthalene (C11.7)

R.T.: 6.266 min
Delta R.T.: 0.000 min
Response: 3621664
Conc: 21.39 ug/ml



#4 n-Dodecane (C12)

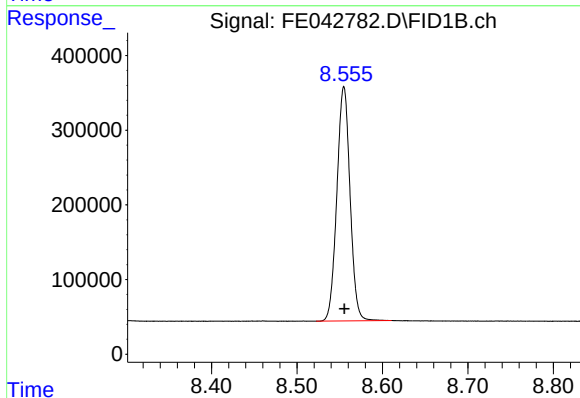
R.T.: 6.726 min
Delta R.T.: 0.000 min
Response: 3387633
Conc: 21.16 ug/ml



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

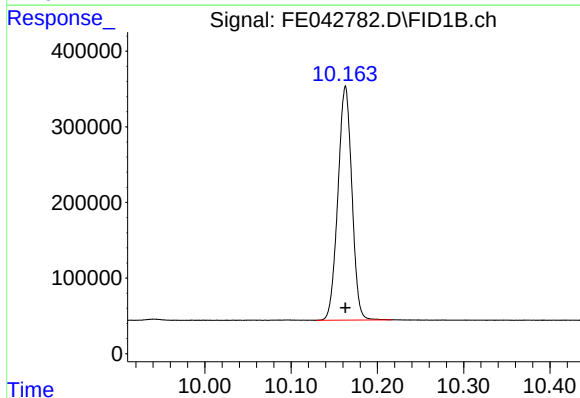
R.T.: 7.363 min
Delta R.T.: 0.000 min
Response: 3472326
Conc: 21.42 ug/ml

Instrument :
FID_E
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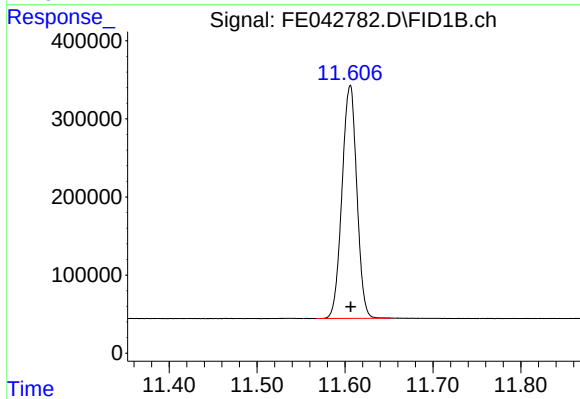
#6 n-Tetradecane (C14)

R.T.: 8.555 min
Delta R.T.: 0.000 min
Response: 3366230
Conc: 21.15 ug/ml



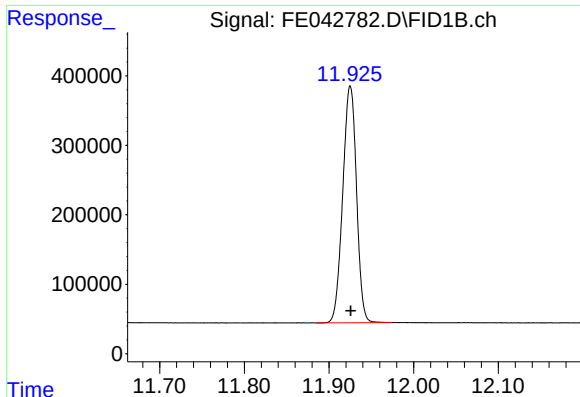
#7 n-Hexadecane (C16)

R.T.: 10.163 min
Delta R.T.: 0.000 min
Response: 3473004
Conc: 21.09 ug/ml



#8 n-Octadecane (C18)

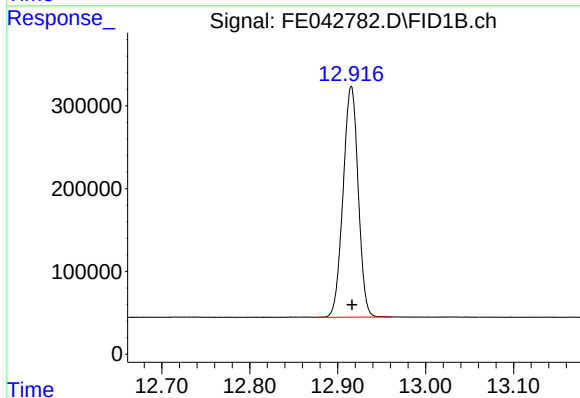
R.T.: 11.606 min
Delta R.T.: 0.000 min
Response: 3495005
Conc: 21.03 ug/ml



#9 ortho-Terphenyl (SURR)

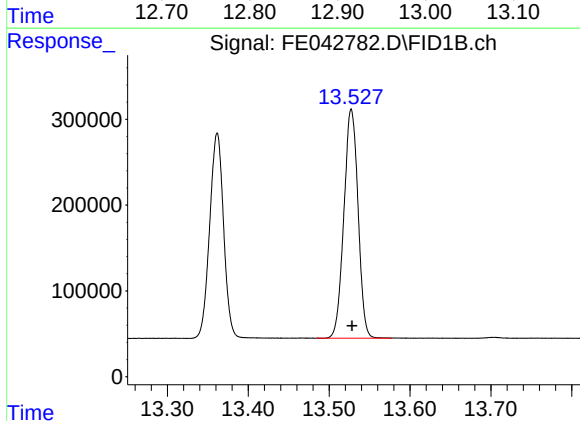
R.T.: 11.925 min
Delta R.T.: 0.000 min
Response: 3851228
Conc: 20.96 ug/ml

Instrument :
FID_E
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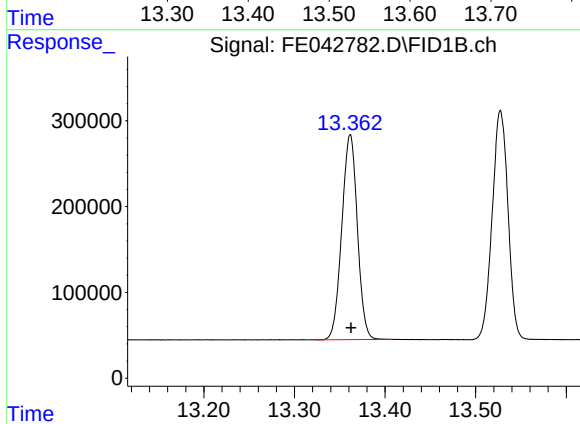
#10 n-Eicosane (C20)

R.T.: 12.916 min
Delta R.T.: 0.000 min
Response: 3333098
Conc: 21.00 ug/ml



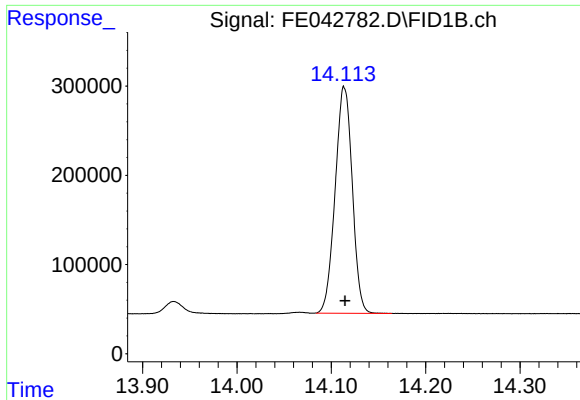
#11 n-Heneicosane (C21)

R.T.: 13.527 min
Delta R.T.: -0.001 min
Response: 3244229
Conc: 20.97 ug/ml



#12 1-chlorooctadecane (SURR)

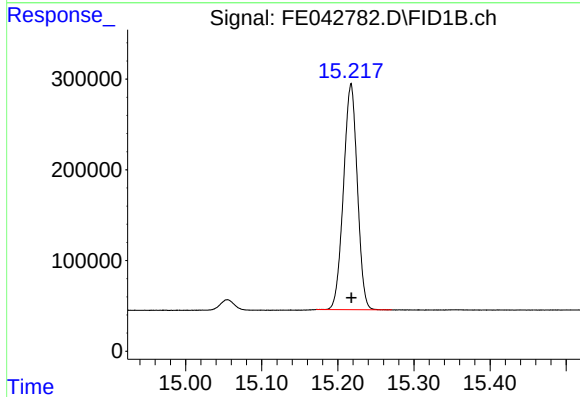
R.T.: 13.362 min
Delta R.T.: -0.001 min
Response: 2854034
Conc: 20.97 ug/ml



#13 n-Docosane (C22)

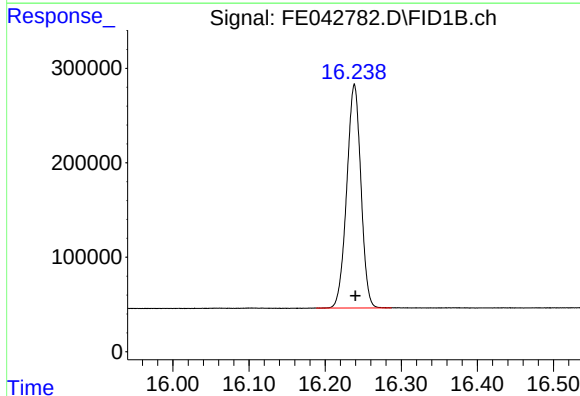
R.T.: 14.114 min
Delta R.T.: 0.000 min
Response: 3201649
Conc: 21.02 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD ICV



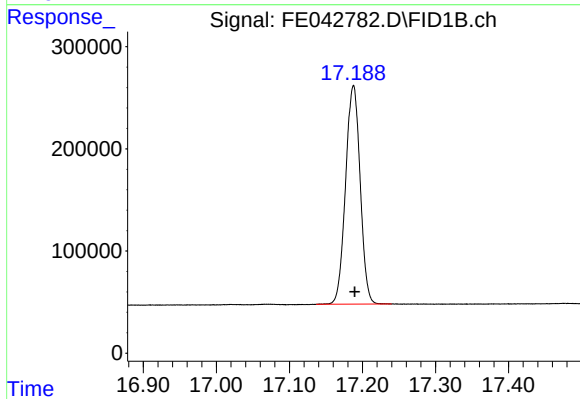
#14 n-Tetracosane (C24)

R.T.: 15.217 min
Delta R.T.: 0.000 min
Response: 3148592
Conc: 21.22 ug/ml



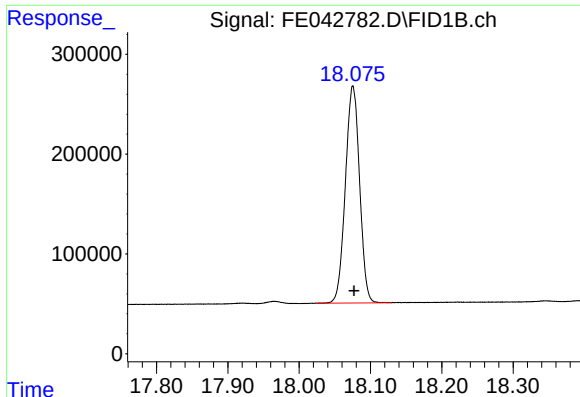
#15 n-Hexacosane (C26)

R.T.: 16.238 min
Delta R.T.: -0.001 min
Response: 3061186
Conc: 21.41 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.188 min
Delta R.T.: -0.002 min
Response: 2972588
Conc: 21.43 ug/ml



#17 n-Tricontane (C30)

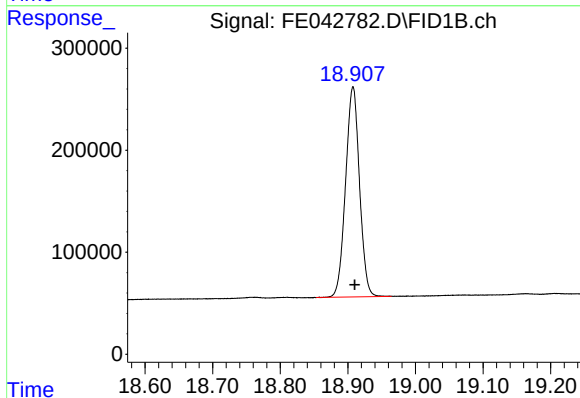
R.T.: 18.075 min
Delta R.T.: -0.002 min
Response: 3005871
Conc: 21.25 ug/ml

Instrument :

FID_E

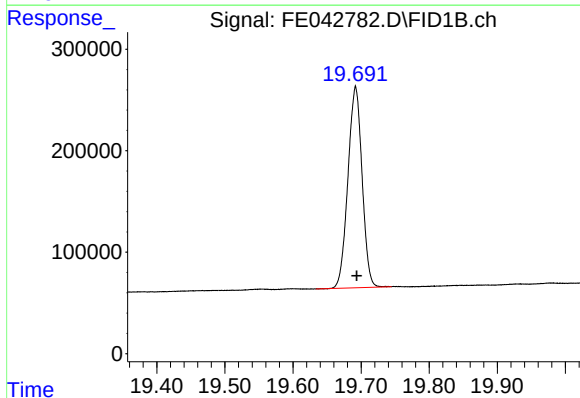
ClientSampleId :

20 PPM ALIPHATIC HC STD ICV



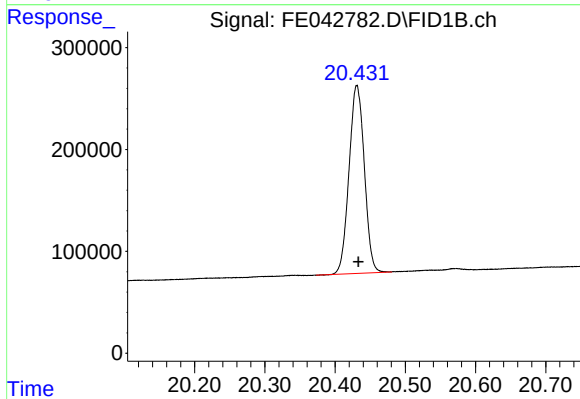
#18 n-Dotriacontane (C32)

R.T.: 18.908 min
Delta R.T.: -0.002 min
Response: 2945853
Conc: 21.00 ug/ml



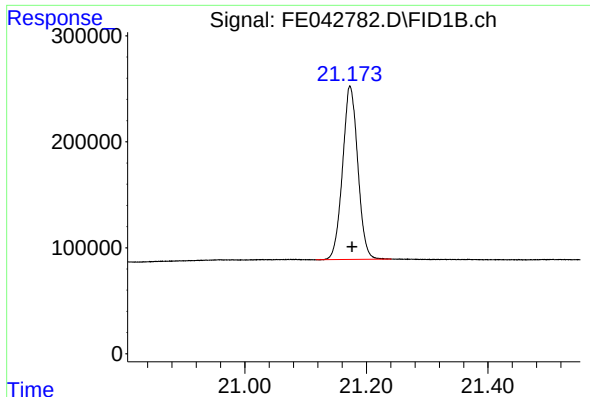
#19 n-Tetratriacontane (C34)

R.T.: 19.692 min
Delta R.T.: -0.001 min
Response: 2857770
Conc: 20.88 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.431 min
Delta R.T.: -0.002 min
Response: 2792792
Conc: 20.88 ug/ml



#21 n-Octatriacontane (C38)

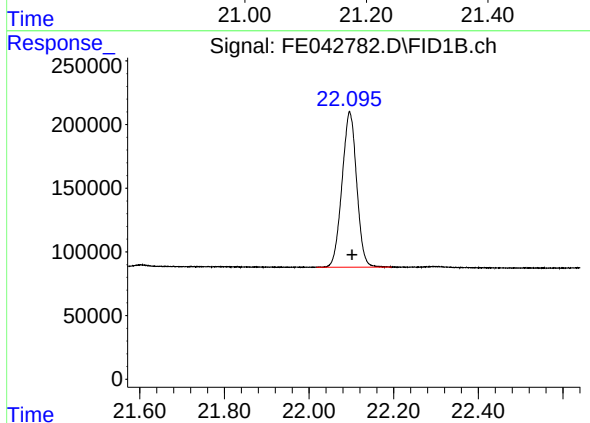
R.T.: 21.173 min
Delta R.T.: -0.003 min
Response: 2845902
Conc: 20.87 ug/ml

Instrument :

FID_E

ClientSampleId :

20 PPM ALIPHATIC HC STD ICV



#22 n-Tetracontane (C40)

R.T.: 22.096 min
Delta R.T.: -0.005 min
Response: 2931458
Conc: 21.07 ug/ml