

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE121224AL\
 Data File : FE051641.D
 Signal(s) : FID1B.ch
 Acq On : 12 Dec 2024 15:54
 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: Dec 12 16:37:09 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 121224.M
 Quant Title : GC Extractables
 QLast Update : Thu Dec 12 15:49:08 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)	11.988	3030335	19.602 ug/ml
Spiked Amount 50.000		Recovery =	39.20%
12) S 1-chlorooctadecane (S...	13.406	2423770	19.526 ug/ml
Spiked Amount 50.000		Recovery =	39.05%
Target Compounds			
1) T n-Nonane (C9)	3.479	2282955	19.624 ug/ml
2) T n-Decane (C10)	4.709	2340358	19.596 ug/ml
3) T A~Naphthalene (C11.7)	6.391	2652470	19.681 ug/ml
4) T n-Dodecane (C12)	6.840	2405590	19.582 ug/ml
5) T A~2-methylnaphthalene...	7.471	2604214	19.641 ug/ml
6) T n-Tetradecane (C14)	8.647	2450319	19.528 ug/ml
7) T n-Hexadecane (C16)	10.238	2594197	19.301 ug/ml
8) T n-Octadecane (C18)	11.667	2757940	19.529 ug/ml
10) T n-Eicosane (C20)	12.965	2748673	19.495 ug/ml
11) T n-Heneicosane (C21)	13.571	2765878	19.481 ug/ml
13) T n-Docosane (C22)	14.151	2781903	19.550 ug/ml
14) T n-Tetracosane (C24)	15.244	2851691	19.518 ug/ml
15) T n-Hexacosane (C26)	16.255	2848889	19.577 ug/ml
16) T n-Octacosane (C28)	17.196	2817209	19.298 ug/ml
17) T n-Tricontane (C30)	18.076	2866116	18.798 ug/ml
18) T n-Dotriacontane (C32)	18.900	2766969	18.461 ug/ml
19) T n-Tetratriacontane (C34)	19.677	2446314	18.638 ug/ml
20) T n-Hexatriacontane (C36)	20.410	2117935	18.264 ug/ml
21) T n-Octatriacontane (C38)	21.141	1973943	19.171 ug/ml
22) T n-Tetracontane (C40)	22.051	1871212	18.686 ug/ml

(f)=RT Delta > 1/2 Window

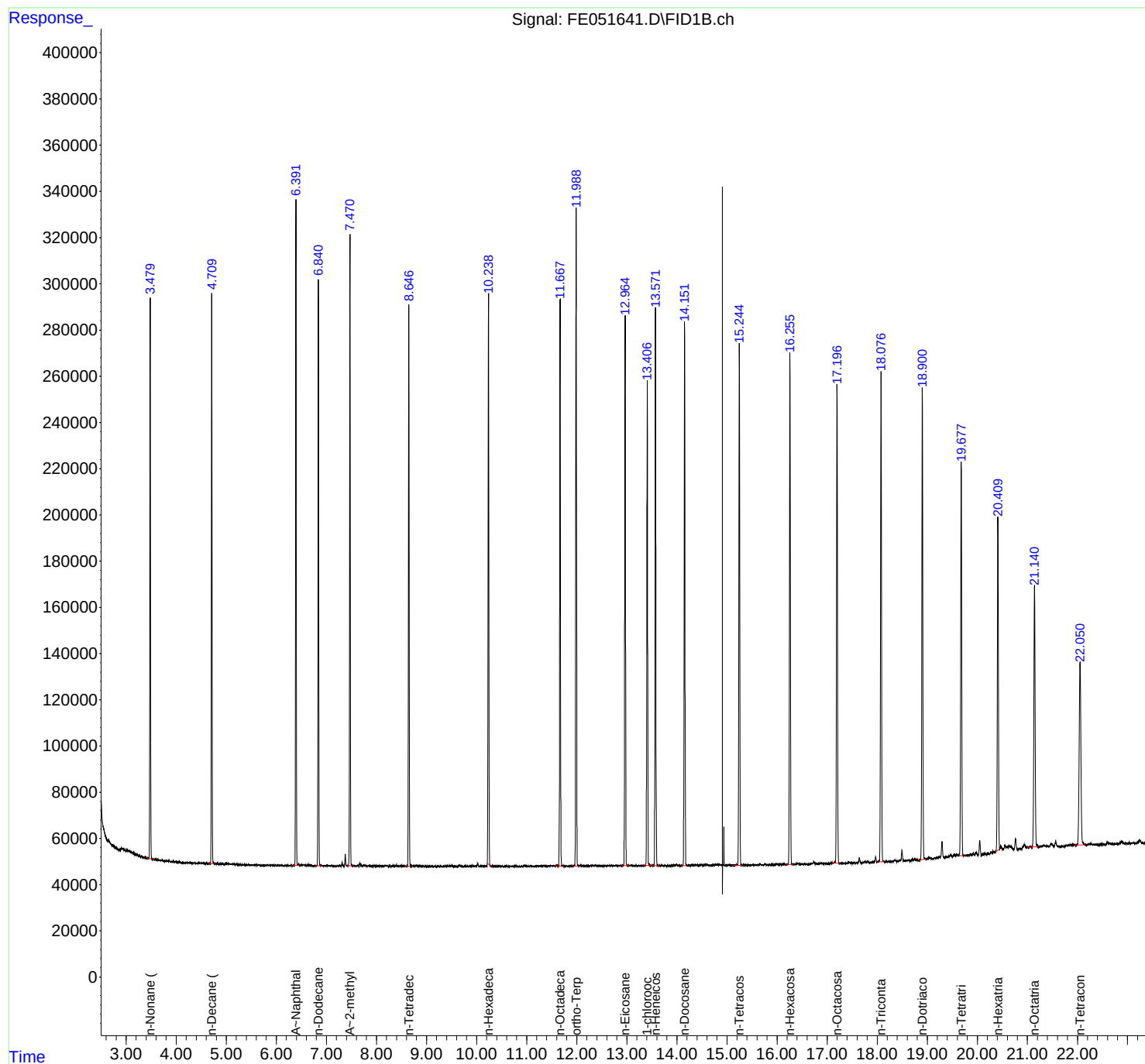
(m)=manual int.

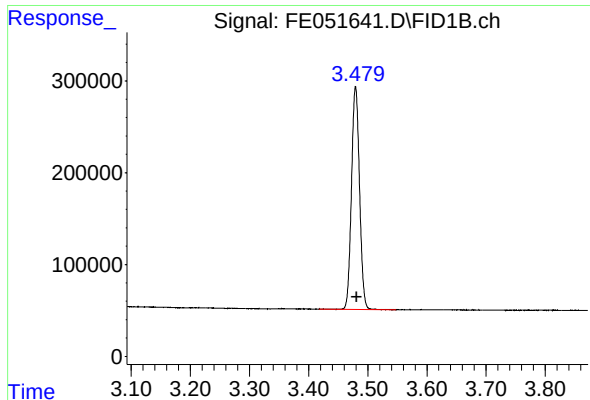
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE121224AL\
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Signal Info : 20M x 0.18mm x 0.18um





#1 n-Nonane (C9)

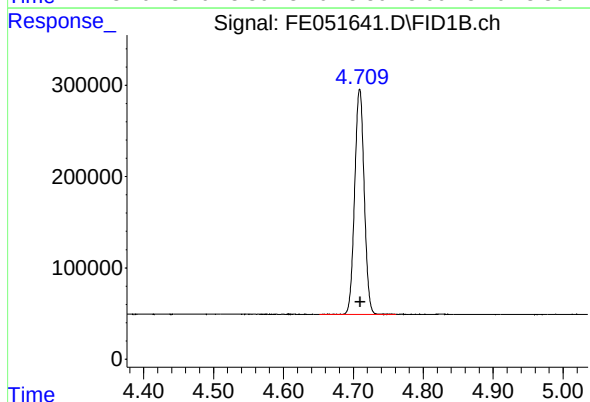
R.T.: 3.479 min
Delta R.T.: -0.002 min
Response: 2282955
Conc: 19.62 ug/ml

Instrument :

FID_E

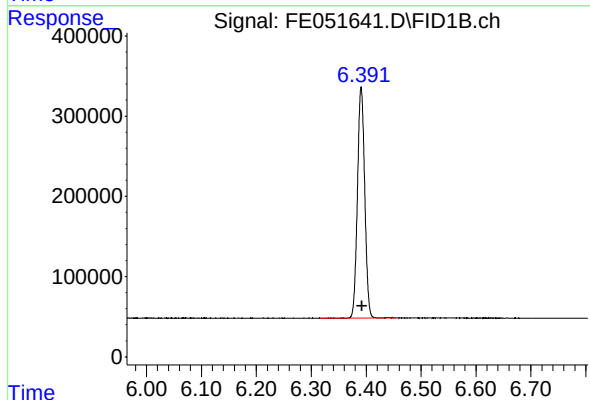
ClientSampleId :

20 PPM ALIPHATIC HC STD ICV



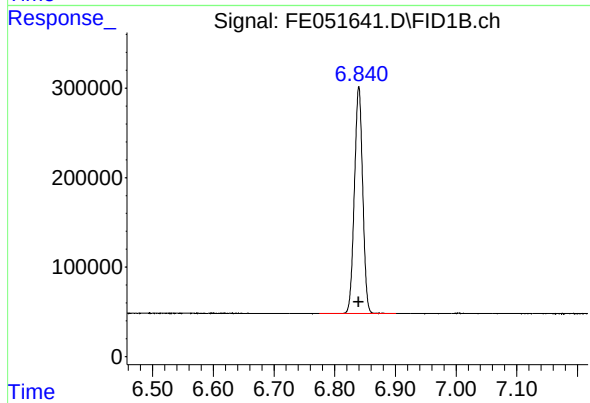
#2 n-Decane (C10)

R.T.: 4.709 min
Delta R.T.: 0.000 min
Response: 2340358
Conc: 19.60 ug/ml



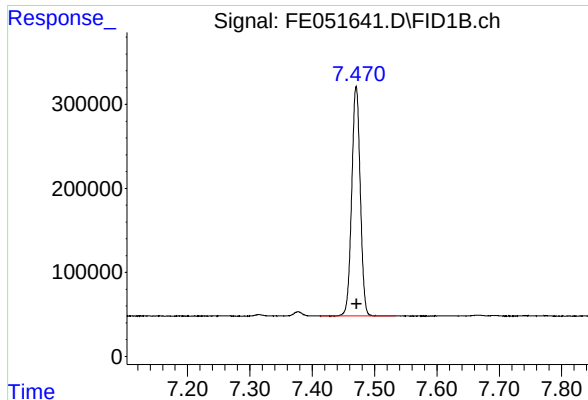
#3 A~Naphthalene (C11.7)

R.T.: 6.391 min
Delta R.T.: -0.001 min
Response: 2652470
Conc: 19.68 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.840 min
Delta R.T.: 0.000 min
Response: 2405590
Conc: 19.58 ug/ml



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

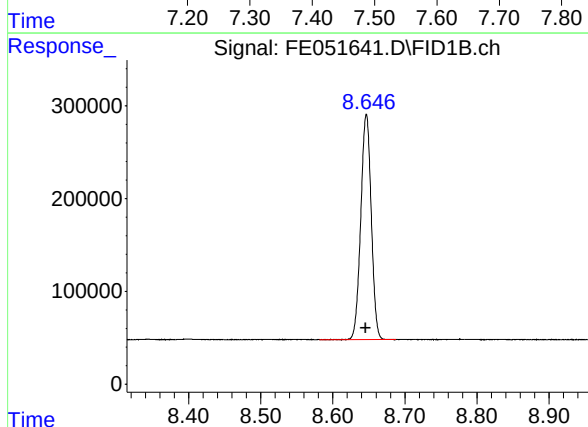
R.T.: 7.471 min
Delta R.T.: 0.000 min
Response: 2604214
Conc: 19.64 ug/ml

Instrument :

FID_E

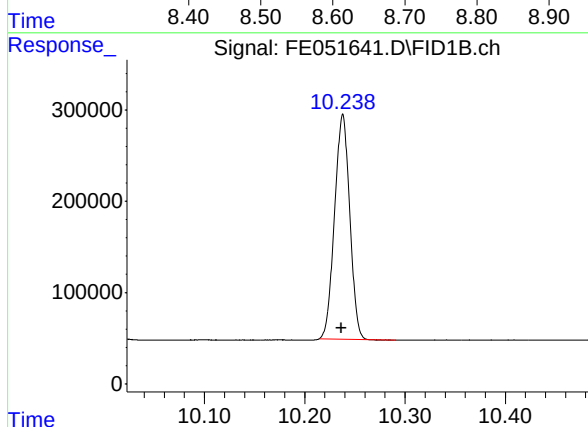
ClientSampleId :

20 PPM ALIPHATIC HC STD ICV



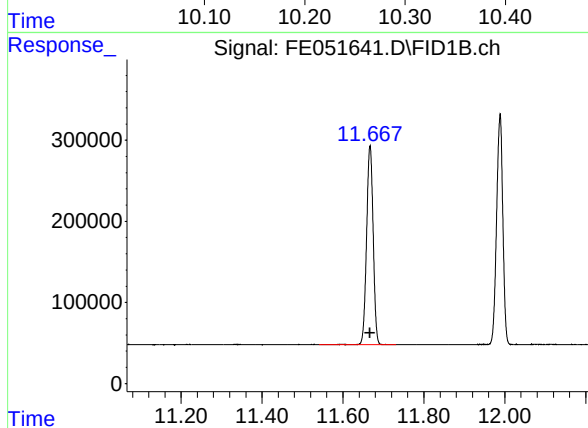
#6 n-Tetradecane (C14)

R.T.: 8.647 min
Delta R.T.: 0.000 min
Response: 2450319
Conc: 19.53 ug/ml



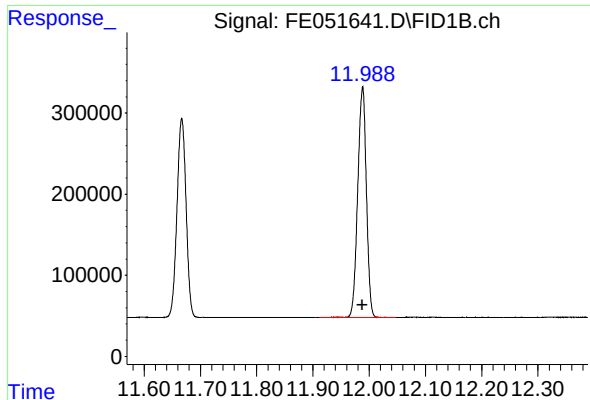
#7 n-Hexadecane (C16)

R.T.: 10.238 min
Delta R.T.: 0.002 min
Response: 2594197
Conc: 19.30 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.667 min
Delta R.T.: 0.000 min
Response: 2757940
Conc: 19.53 ug/ml



#9 ortho-Terphenyl (SURR)

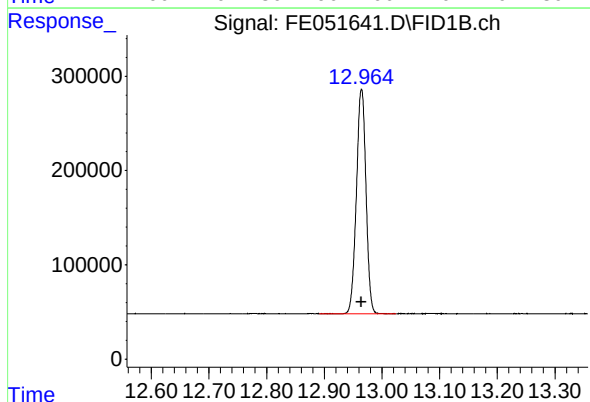
R.T.: 11.988 min
Delta R.T.: 0.000 min
Response: 3030335
Conc: 19.60 ug/ml

Instrument :

FID_E

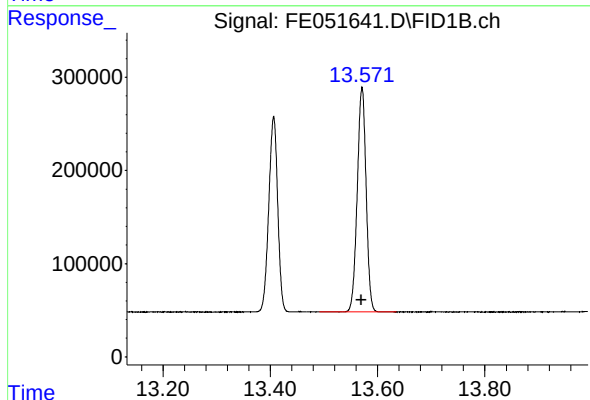
ClientSampleId :

20 PPM ALIPHATIC HC STD ICV



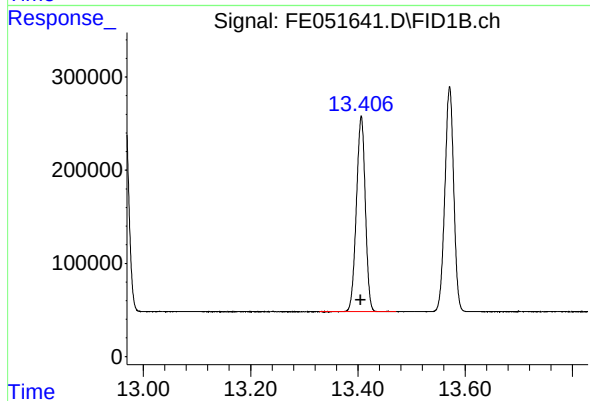
#10 n-Eicosane (C20)

R.T.: 12.965 min
Delta R.T.: 0.000 min
Response: 2748673
Conc: 19.49 ug/ml



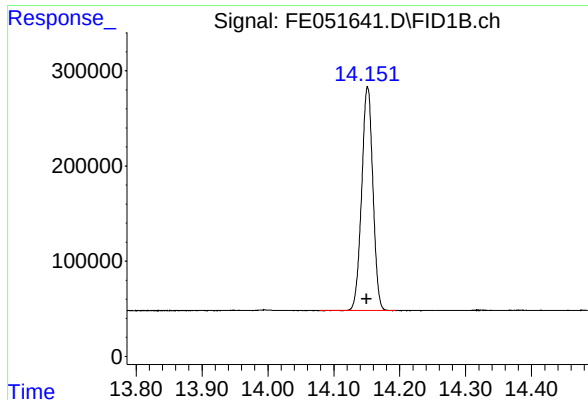
#11 n-Heneicosane (C21)

R.T.: 13.571 min
Delta R.T.: 0.000 min
Response: 2765878
Conc: 19.48 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.406 min
Delta R.T.: 0.000 min
Response: 2423770
Conc: 19.53 ug/ml



#13 n-Docosane (C22)

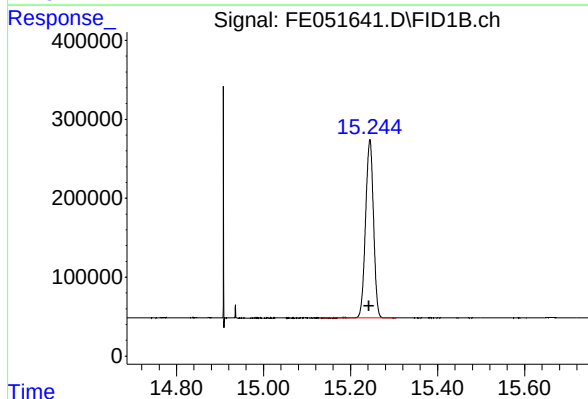
R.T.: 14.151 min
Delta R.T.: 0.001 min
Response: 2781903
Conc: 19.55 ug/ml

Instrument :

FID_E

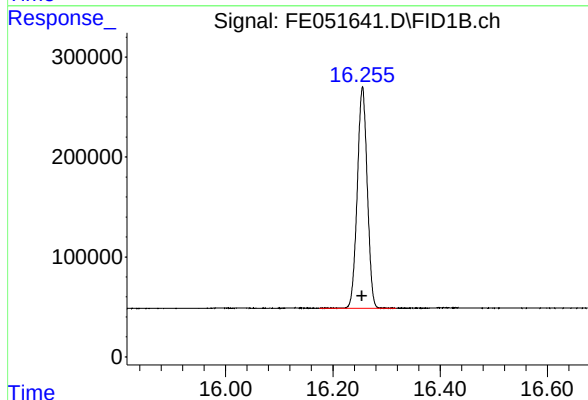
ClientSampleId :

20 PPM ALIPHATIC HC STD ICV



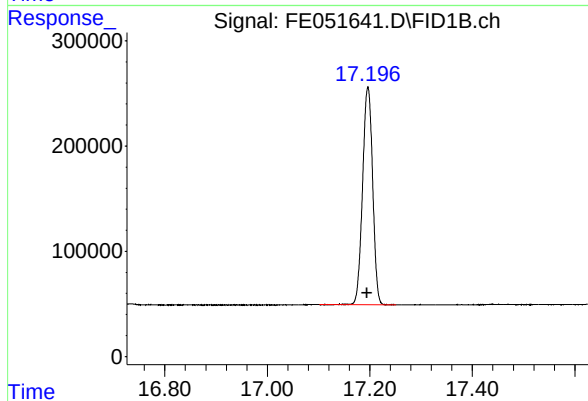
#14 n-Tetracosane (C24)

R.T.: 15.244 min
Delta R.T.: 0.002 min
Response: 2851691
Conc: 19.52 ug/ml



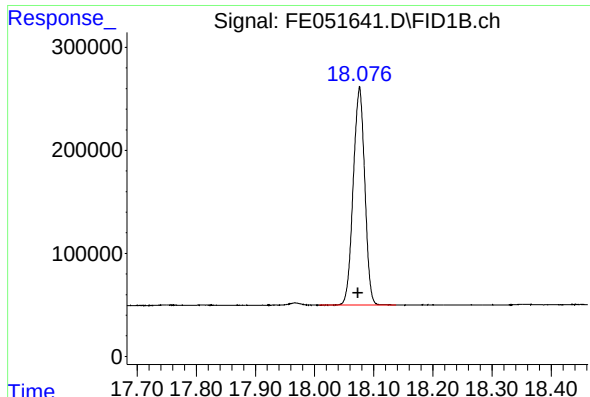
#15 n-Hexacosane (C26)

R.T.: 16.255 min
Delta R.T.: 0.000 min
Response: 2848889
Conc: 19.58 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.196 min
Delta R.T.: 0.002 min
Response: 2817209
Conc: 19.30 ug/ml



#17 n-Tricontane (C30)

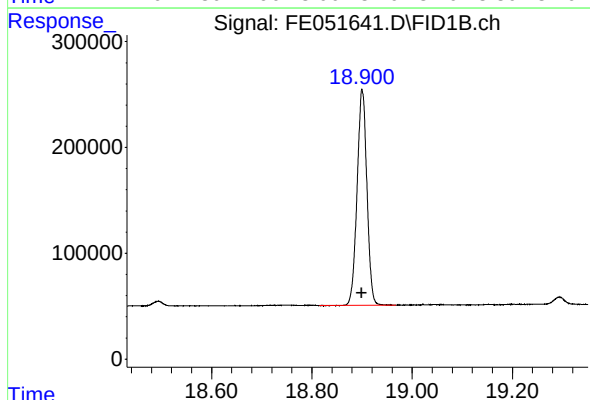
R.T.: 18.076 min
Delta R.T.: 0.002 min
Response: 2866116
Conc: 18.80 ug/ml

Instrument :

FID_E

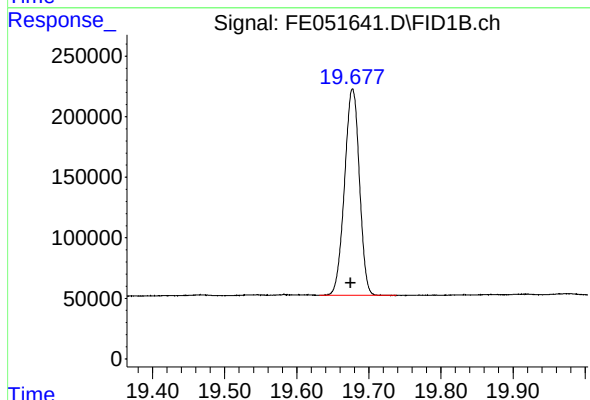
ClientSampleId :

20 PPM ALIPHATIC HC STD ICV



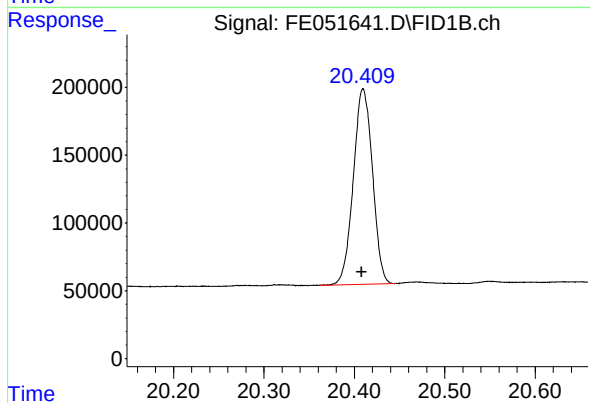
#18 n-Dotriacontane (C32)

R.T.: 18.900 min
Delta R.T.: 0.001 min
Response: 2766969
Conc: 18.46 ug/ml



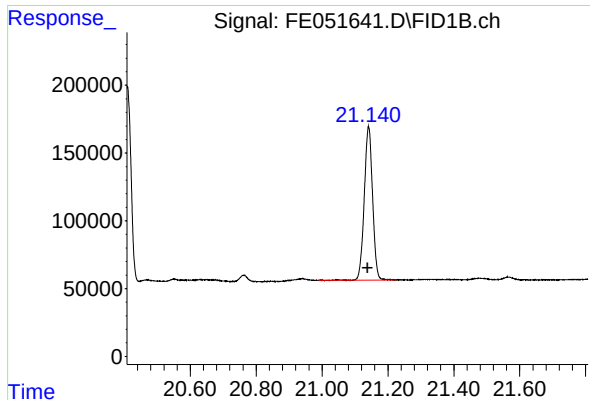
#19 n-Tetatriacontane (C34)

R.T.: 19.677 min
Delta R.T.: 0.002 min
Response: 2446314
Conc: 18.64 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.410 min
Delta R.T.: 0.002 min
Response: 2117935
Conc: 18.26 ug/ml



#21 n-Octatriacontane (C38)

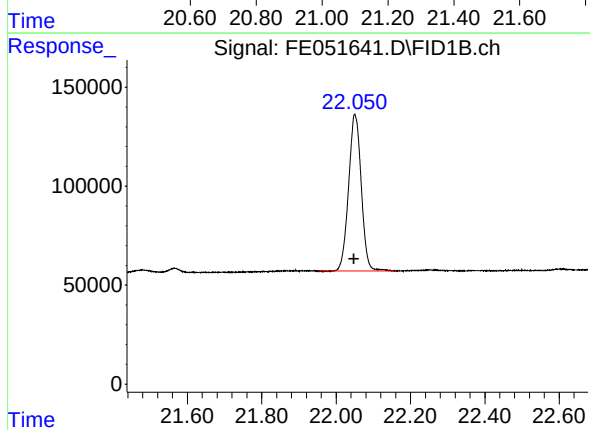
R.T.: 21.141 min
Delta R.T.: 0.003 min
Response: 1973943
Conc: 19.17 ug/ml

Instrument :

FID_E

ClientSampleId :

20 PPM ALIPHATIC HC STD ICV



#22 n-Tetracontane (C40)

R.T.: 22.051 min
Delta R.T.: 0.002 min
Response: 1871212
Conc: 18.69 ug/ml