

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE042123AL\
 Data File : FE041461.D
 Signal(s) : FID1B.ch
 Acq On : 20 Apr 2023 20:25
 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: Apr 21 04:33:54 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 042123.M
 Quant Title : GC Extractables
 QLast Update : Fri Apr 21 04:32:36 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)	11.972	3791903	20.212 ug/ml
Spiked Amount 50.000		Recovery =	40.42%
12) S 1-chlorooctadecane (S...	13.408	2860213	20.247 ug/ml
Spiked Amount 50.000		Recovery =	40.49%
Target Compounds			
1) T n-Nonane (C9)	3.355	2985990	20.313 ug/ml
2) T n-Decane (C10)	4.606	3047307	20.318 ug/ml
3) T A~Naphthalene (C11.7)	6.308	3358906	20.297 ug/ml
4) T n-Dodecane (C12)	6.774	3089191	20.318 ug/ml
5) T A~2-methylnaphthalene...	7.404	3275584	20.314 ug/ml
6) T n-Tetradecane (C14)	8.602	3091701	20.353 ug/ml
7) T n-Hexadecane (C16)	10.210	3237963	20.290 ug/ml
8) T n-Octadecane (C18)	11.654	3326921	20.297 ug/ml
10) T n-Eicosane (C20)	12.963	3254893	20.236 ug/ml
11) T n-Heneicosane (C21)	13.575	3227132	20.249 ug/ml
13) T n-Docosane (C22)	14.162	3227481	20.257 ug/ml
14) T n-Tetracosane (C24)	15.265	3246302	20.136 ug/ml
15) T n-Hexacosane (C26)	16.285	3191239	20.185 ug/ml
16) T n-Octacosane (C28)	17.234	3103807	20.171 ug/ml
17) T n-Tricontane (C30)	18.120	3076516	20.200 ug/ml
18) T n-Dotriacontane (C32)	18.953	3026146	20.313 ug/ml
19) T n-Tetratriacontane (C34)	19.735	2845273	20.197 ug/ml
20) T n-Hexatriacontane (C36)	20.473	2742293	20.506 ug/ml
21) T n-Octatriacontane (C38)	21.223	2627003	19.881 ug/ml
22) T n-Tetracontane (C40)	22.158	2548657	20.130 ug/ml

(f)=RT Delta > 1/2 Window

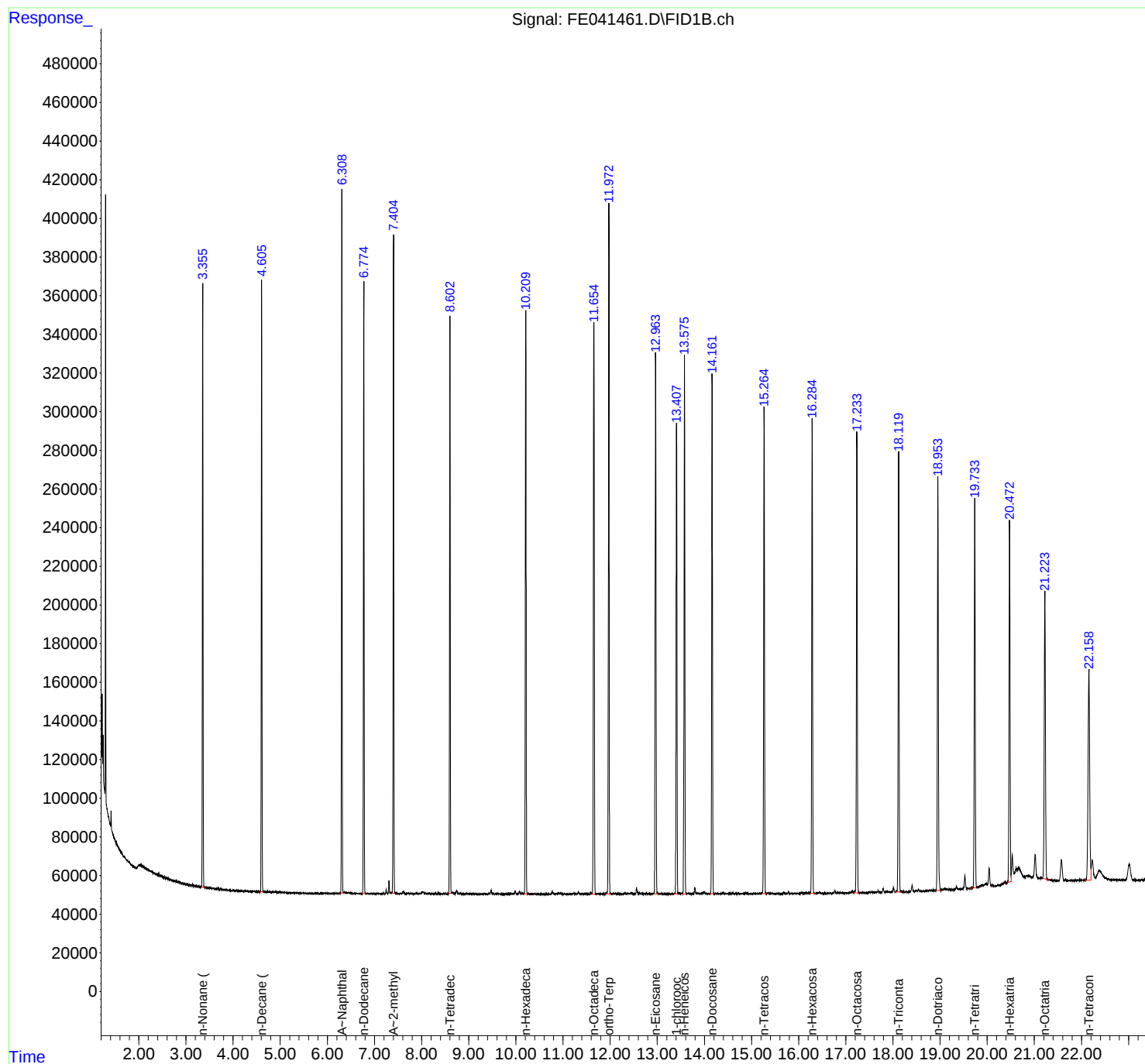
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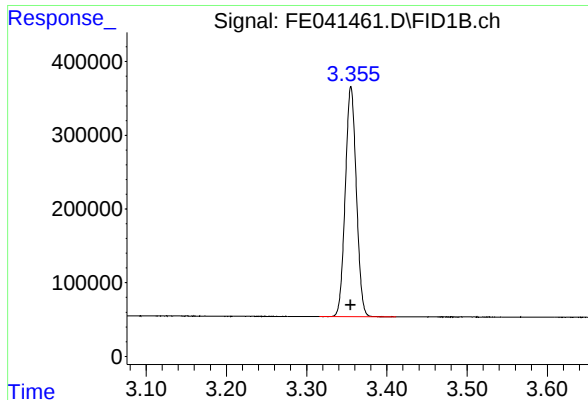
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#1 n-Nonane (C9)

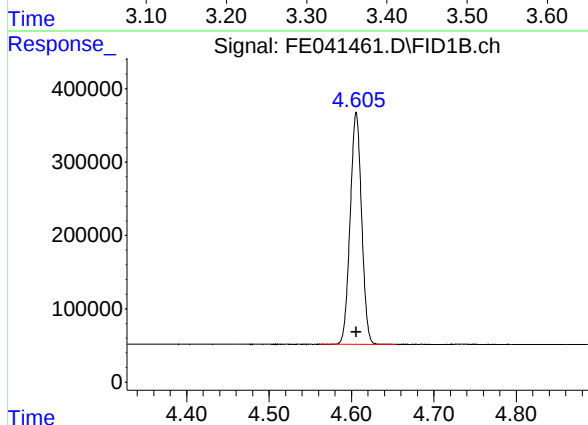
R.T.: 3.355 min
Delta R.T.: 0.000 min
Response: 2985990
Conc: 20.31 ug/ml

Instrument :

FID_E

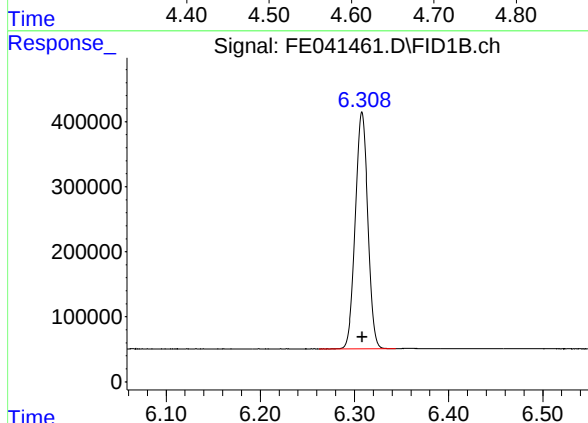
ClientSampleId :

20 PPM ALIPHATIC HC STD ICV



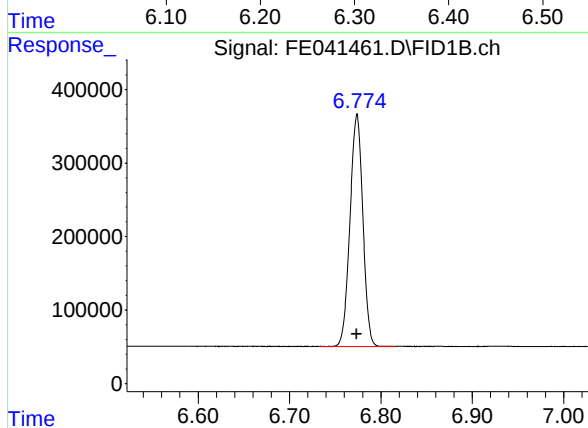
#2 n-Decane (C10)

R.T.: 4.606 min
Delta R.T.: 0.000 min
Response: 3047307
Conc: 20.32 ug/ml



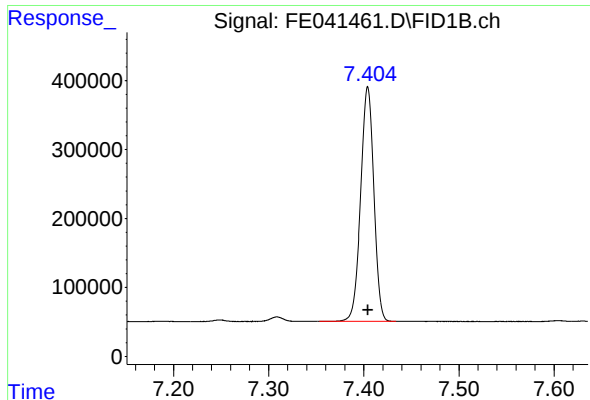
#3 A~Naphthalene (C11.7)

R.T.: 6.308 min
Delta R.T.: 0.000 min
Response: 3358906
Conc: 20.30 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.774 min
Delta R.T.: 0.000 min
Response: 3089191
Conc: 20.32 ug/ml



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

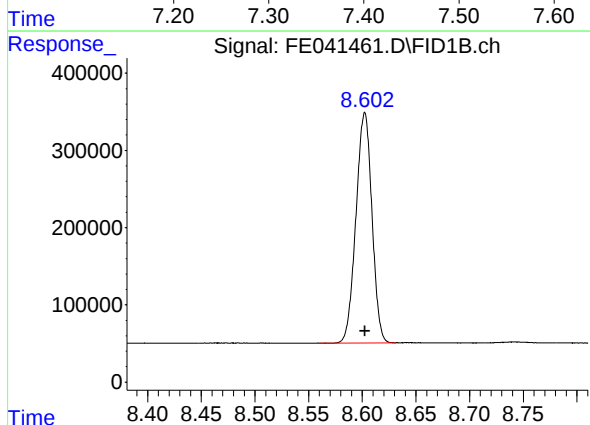
R.T.: 7.404 min
Delta R.T.: 0.000 min
Response: 3275584
Conc: 20.31 ug/ml

Instrument :

FID_E

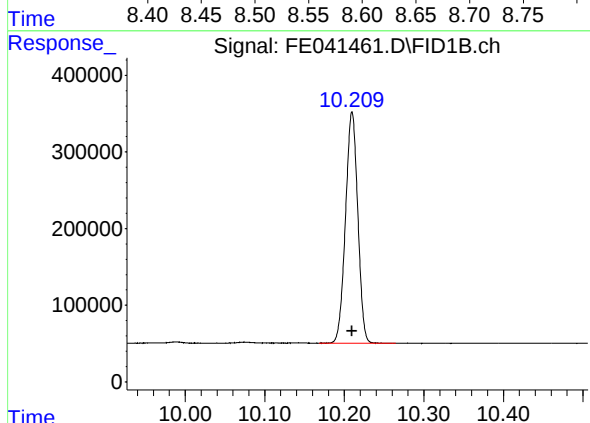
ClientSampleId :

20 PPM ALIPHATIC HC STD ICV



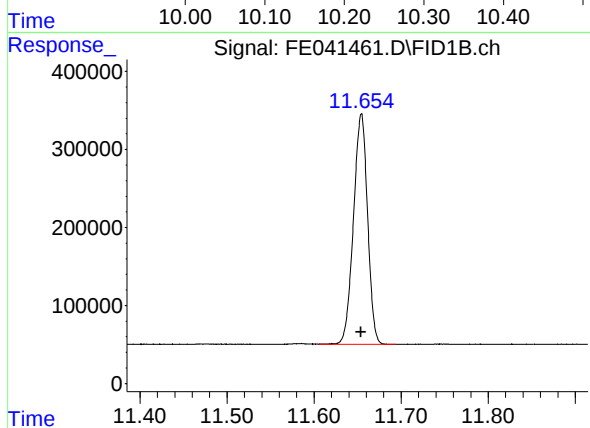
#6 n-Tetradecane (C14)

R.T.: 8.602 min
Delta R.T.: 0.000 min
Response: 3091701
Conc: 20.35 ug/ml



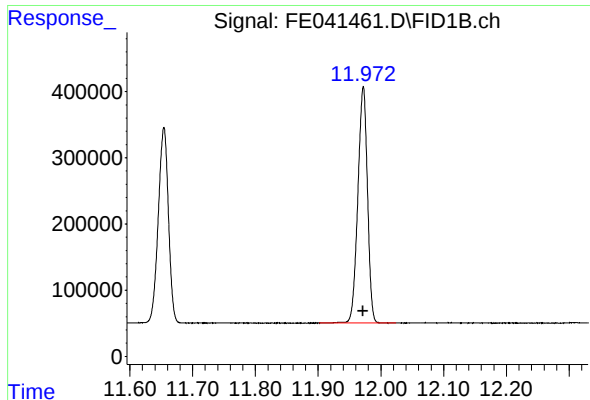
#7 n-Hexadecane (C16)

R.T.: 10.210 min
Delta R.T.: 0.000 min
Response: 3237963
Conc: 20.29 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.654 min
Delta R.T.: 0.000 min
Response: 3326921
Conc: 20.30 ug/ml



#9 ortho-Terphenyl (SURR)

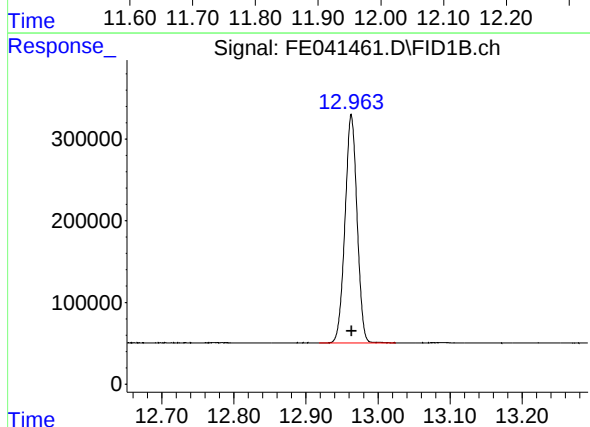
R.T.: 11.972 min
Delta R.T.: 0.000 min
Response: 3791903
Conc: 20.21 ug/ml

Instrument :

FID_E

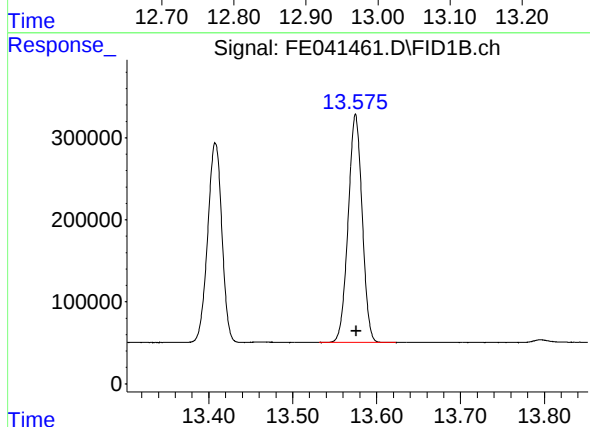
ClientSampleId :

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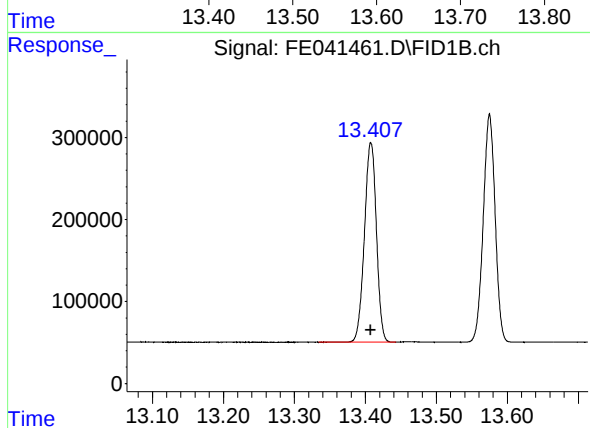
#10 n-Eicosane (C20)

R.T.: 12.963 min
Delta R.T.: 0.000 min
Response: 3254893
Conc: 20.24 ug/ml



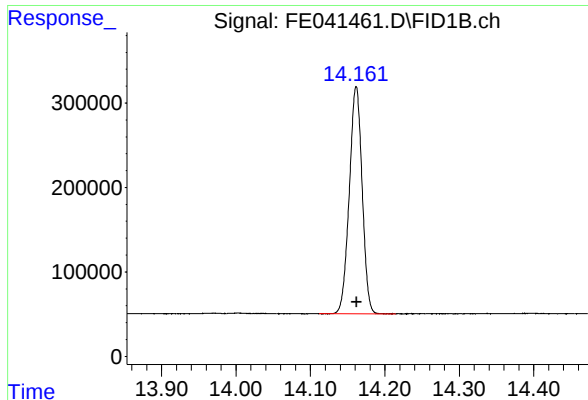
#11 n-Heneicosane (C21)

R.T.: 13.575 min
Delta R.T.: 0.000 min
Response: 3227132
Conc: 20.25 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.408 min
Delta R.T.: 0.000 min
Response: 2860213
Conc: 20.25 ug/ml



#13 n-Docosane (C22)

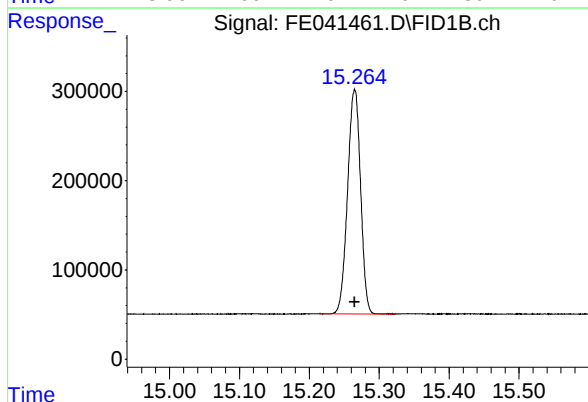
R.T.: 14.162 min
Delta R.T.: 0.000 min
Response: 3227481
Conc: 20.26 ug/ml

Instrument :

FID_E

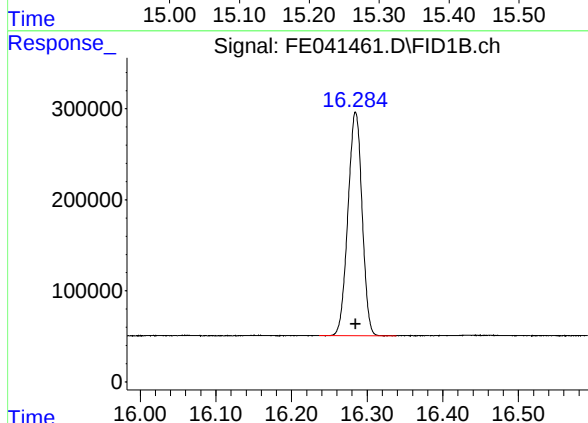
ClientSampleId :

20 PPM ALIPHATIC HC STD ICV



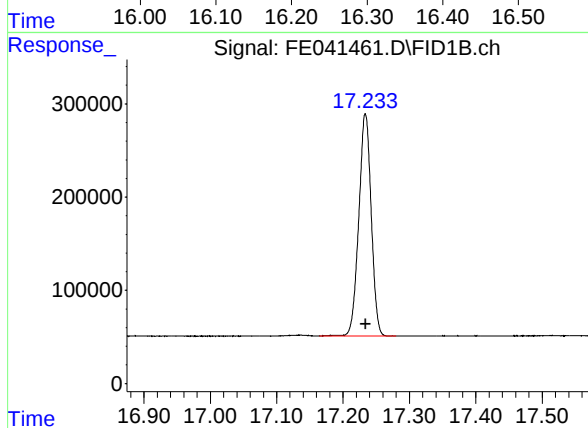
#14 n-Tetracosane (C24)

R.T.: 15.265 min
Delta R.T.: 0.000 min
Response: 3246302
Conc: 20.14 ug/ml



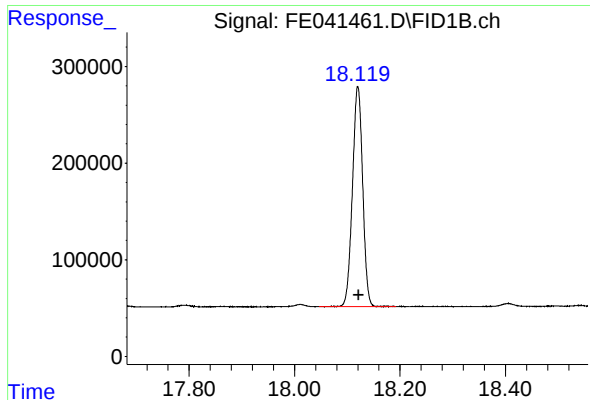
#15 n-Hexacosane (C26)

R.T.: 16.285 min
Delta R.T.: 0.000 min
Response: 3191239
Conc: 20.19 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.234 min
Delta R.T.: 0.000 min
Response: 3103807
Conc: 20.17 ug/ml



#17 n-Tricontane (C30)

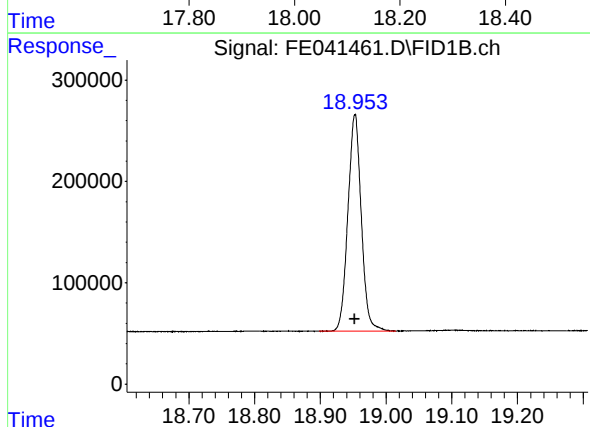
R.T.: 18.120 min
Delta R.T.: -0.001 min
Response: 3076516
Conc: 20.20 ug/ml

Instrument :

FID_E

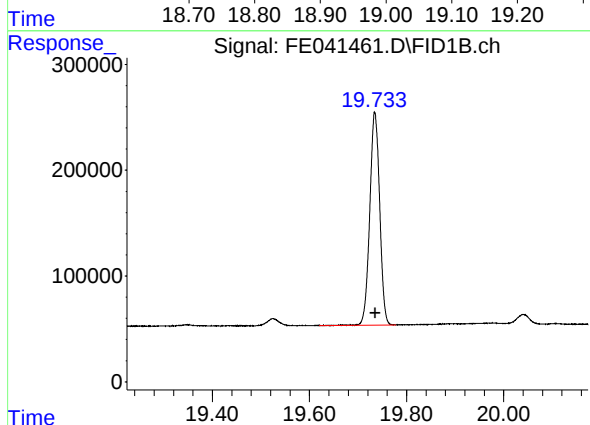
ClientSampleId :

20 PPM ALIPHATIC HC STD ICV



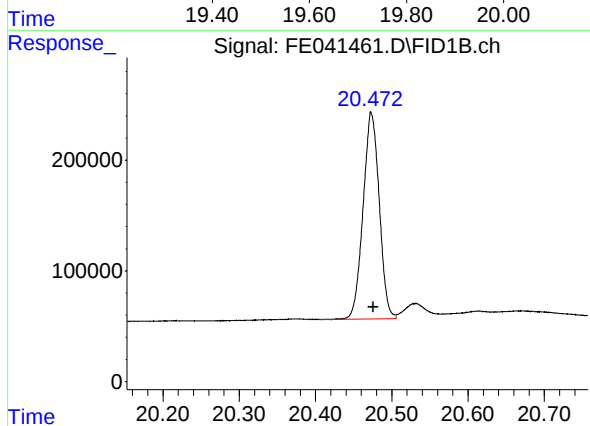
#18 n-Dotriacontane (C32)

R.T.: 18.953 min
Delta R.T.: 0.000 min
Response: 3026146
Conc: 20.31 ug/ml



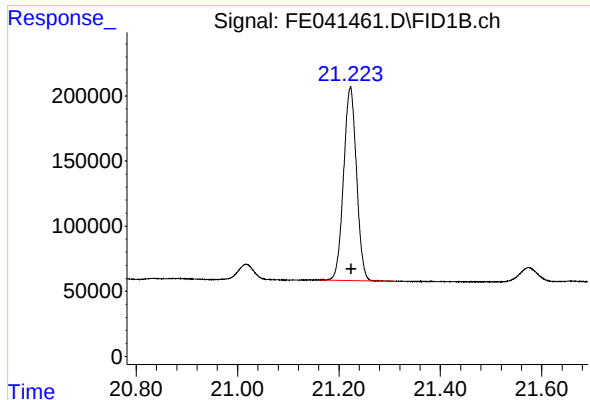
#19 n-Tetatriacontane (C34)

R.T.: 19.735 min
Delta R.T.: -0.001 min
Response: 2845273
Conc: 20.20 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.473 min
Delta R.T.: -0.003 min
Response: 2742293
Conc: 20.51 ug/ml



#21 n-Octatriacontane (C38)

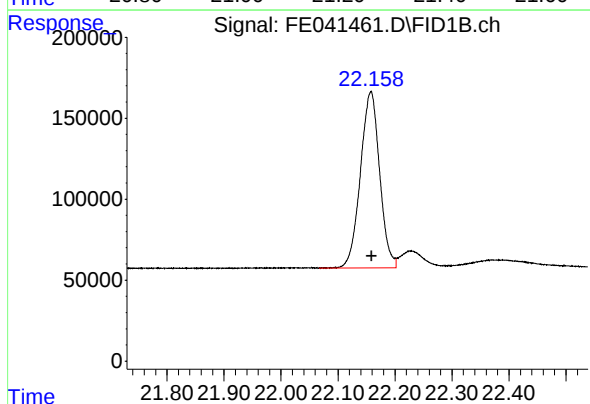
R.T.: 21.223 min
Delta R.T.: -0.002 min
Response: 2627003
Conc: 19.88 ug/ml

Instrument :

FID_E

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20 PPM ALIPHATIC HC STD ICV



#22 n-Tetracontane (C40)

R.T.: 22.158 min
Delta R.T.: 0.000 min
Response: 2548657
Conc: 20.13 ug/ml