

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG051225AL\
 Data File : FG015813.D
 Signal(s) : FID1A.ch
 Acq On : 12 May 2025 12:56
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD ICV
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 20 PPM ALIPHATIC HC STD ICV

Integration File: autoint1.e
 Quant Time: May 12 13:33:39 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 051225.M
 Quant Title : GC Extractables
 QLast Update : Mon May 12 12:44:43 2025
 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)	11.895	3059416	20.548 ug/ml
Spiked Amount 50.000		Recovery =	41.10%
12) S 1-chlorooctadecane (S...	13.340	2369854	20.572 ug/ml
Spiked Amount 50.000		Recovery =	41.14%
Target Compounds			
1) T n-Nonane (C9)	3.242	2310984	20.598 ug/ml
2) T n-Decane (C10)	4.501	2326906	20.566 ug/ml
3) T A~Naphthalene (C11.7)	6.214	2447205	20.932 ug/ml
4) T n-Dodecane (C12)	6.681	2372395	20.588 ug/ml
5) T A~2-methylnaphthalene...	7.316	2407866	21.081 ug/ml
6) T n-Tetradecane (C14)	8.517	2371992	20.593 ug/ml
7) T n-Hexadecane (C16)	10.131	2441866	20.647 ug/ml
8) T n-Octadecane (C18)	11.580	2505960	20.616 ug/ml
10) T n-Eicosane (C20)	12.894	2514844	20.520 ug/ml
11) T n-Heneicosane (C21)	13.508	2506872	20.466 ug/ml
13) T n-Docosane (C22)	14.097	2495966	20.486 ug/ml
14) T n-Tetracosane (C24)	15.203	2475703	20.439 ug/ml
15) T n-Hexacosane (C26)	16.228	2437848	20.365 ug/ml
16) T n-Octacosane (C28)	17.181	2386626	20.241 ug/ml
17) T n-Tricontane (C30)	18.070	2386236	20.082 ug/ml
18) T n-Dotriacontane (C32)	18.905	2372181	20.083 ug/ml
19) T n-Tetratriacontane (C34)	19.690	2251845	20.166 ug/ml
20) T n-Hexatriacontane (C36)	20.432	2198487	20.331 ug/ml
21) T n-Octatriacontane (C38)	21.173	2107171	20.285 ug/ml
22) T n-Tetracontane (C40)	22.089	2027880	19.886 ug/ml

(f)=RT Delta > 1/2 Window

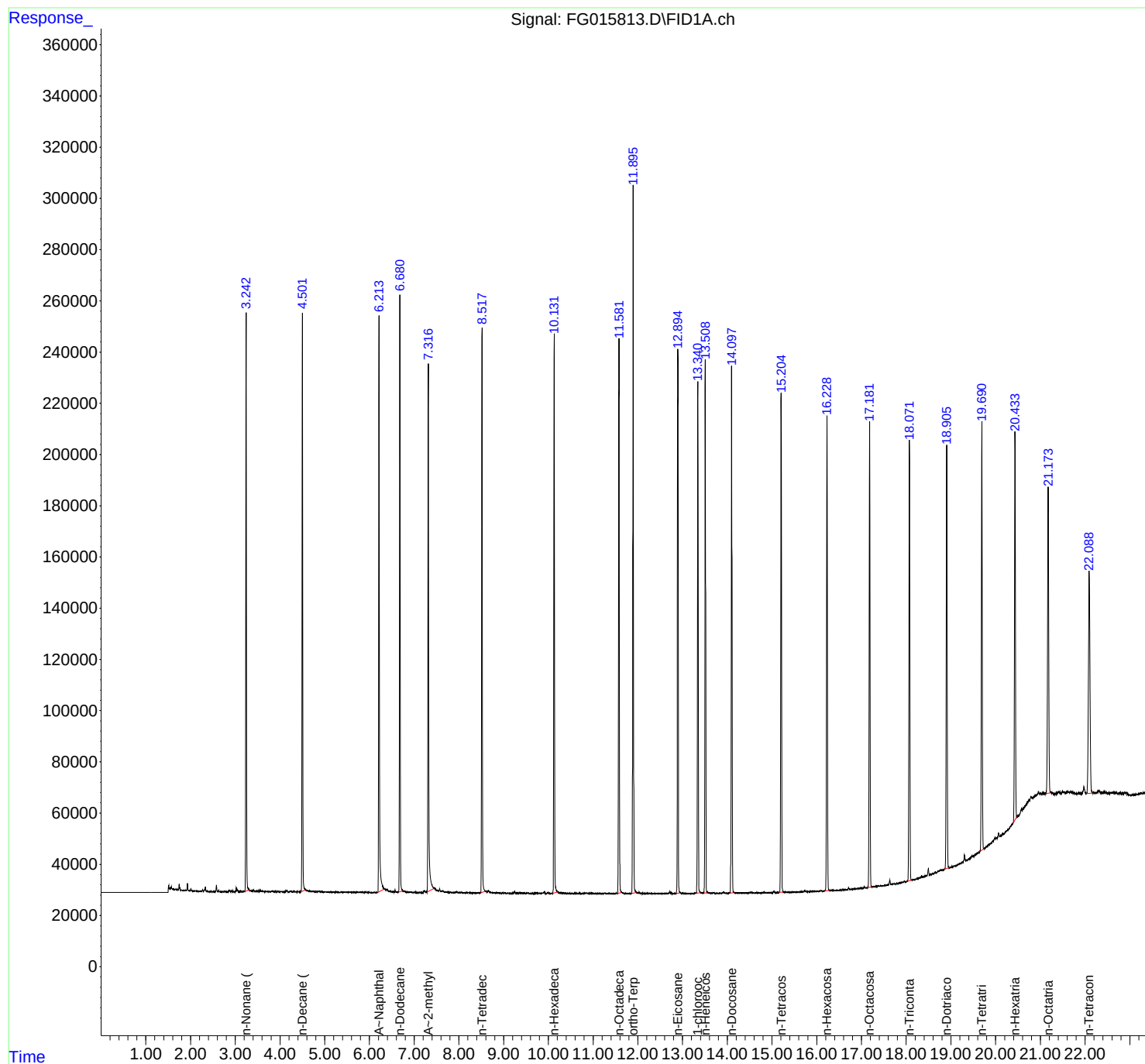
(m)=manual int.

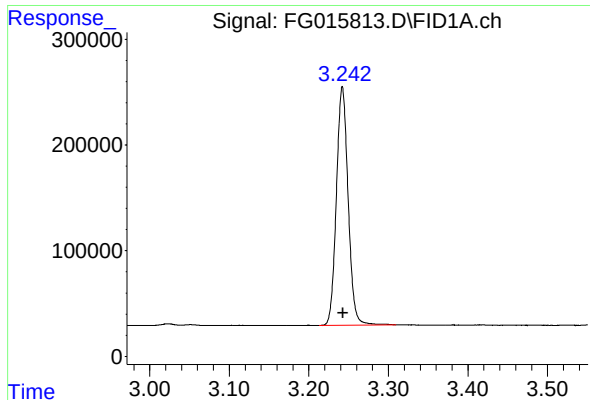
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#1 n-Nonane (C9)

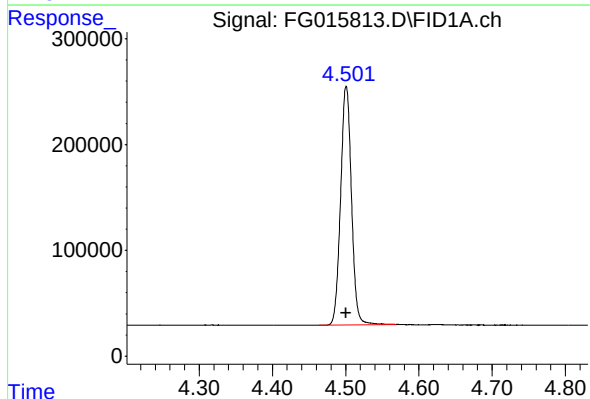
R.T.: 3.242 min
Delta R.T.: 0.000 min
Response: 2310984
Conc: 20.60 ug/ml

Instrument :

FID_G

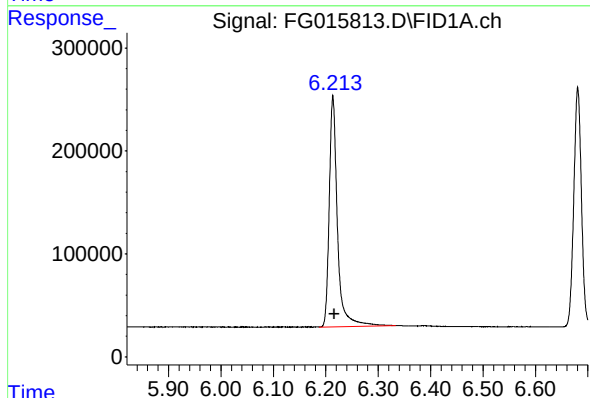
ClientSampleId :

20 PPM ALIPHATIC HC STD ICV



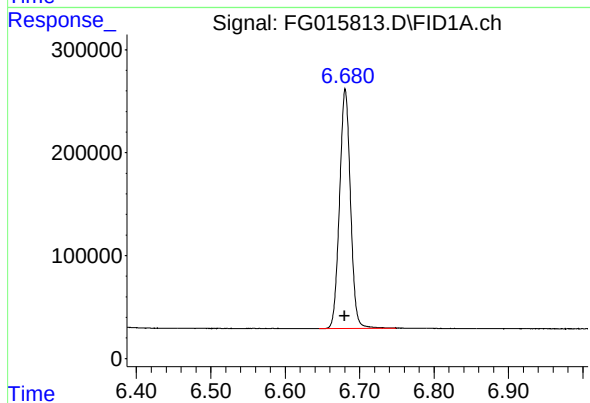
#2 n-Decane (C10)

R.T.: 4.501 min
Delta R.T.: 0.000 min
Response: 2326906
Conc: 20.57 ug/ml



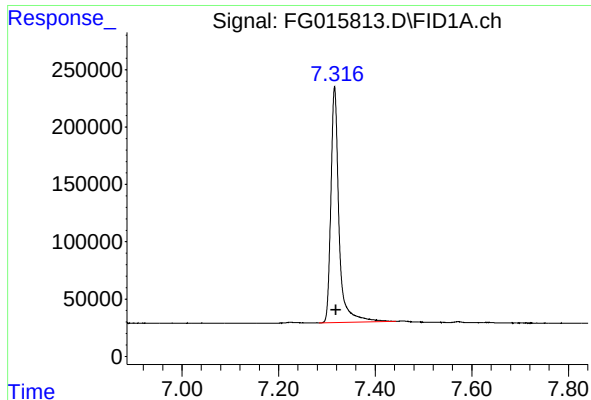
#3 A~Naphthalene (C11.7)

R.T.: 6.214 min
Delta R.T.: -0.003 min
Response: 2447205
Conc: 20.93 ug/ml



#4 n-Dodecane (C12)

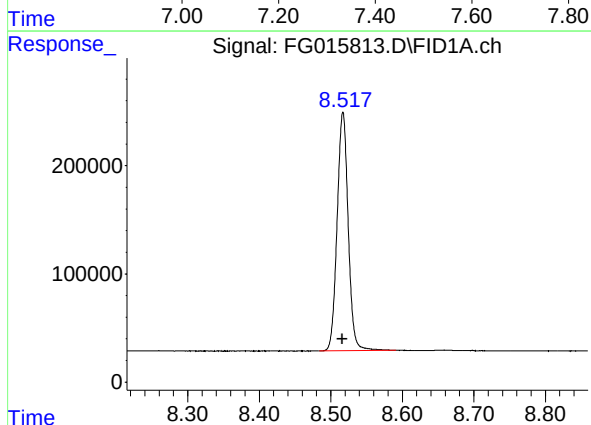
R.T.: 6.681 min
Delta R.T.: 0.000 min
Response: 2372395
Conc: 20.59 ug/ml



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

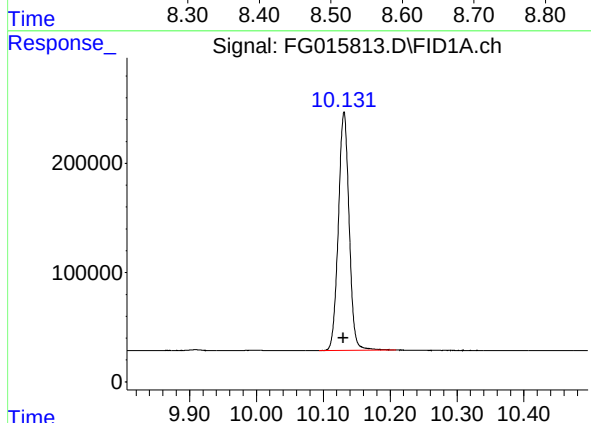
R.T.: 7.316 min
Delta R.T.: -0.003 min
Response: 2407866
Conc: 21.08 ug/ml

Instrument :
FID_G
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20 PPM ALIPHATIC HC STD ICV



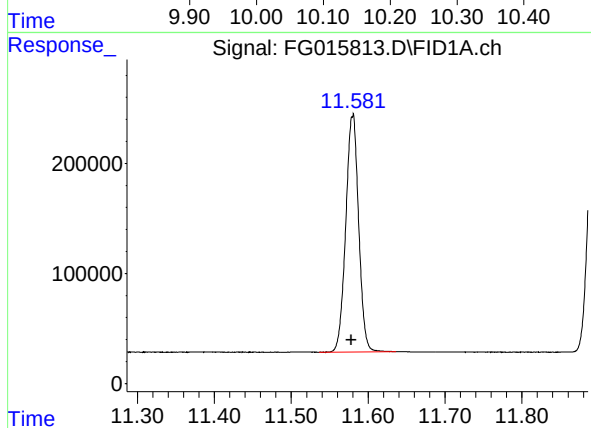
#6 n-Tetradecane (C14)

R.T.: 8.517 min
Delta R.T.: 0.000 min
Response: 2371992
Conc: 20.59 ug/ml



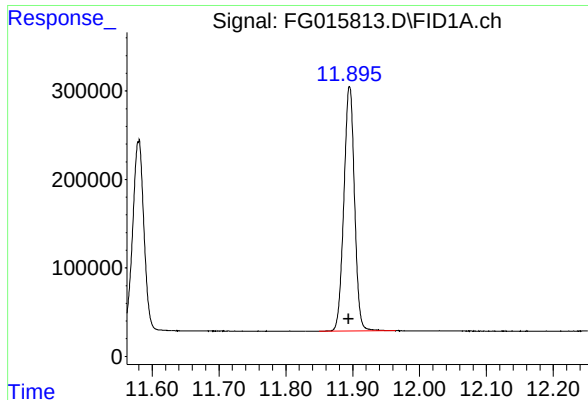
#7 n-Hexadecane (C16)

R.T.: 10.131 min
Delta R.T.: 0.000 min
Response: 2441866
Conc: 20.65 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.580 min
Delta R.T.: 0.002 min
Response: 2505960
Conc: 20.62 ug/ml



#9 ortho-Terphenyl (SURR)

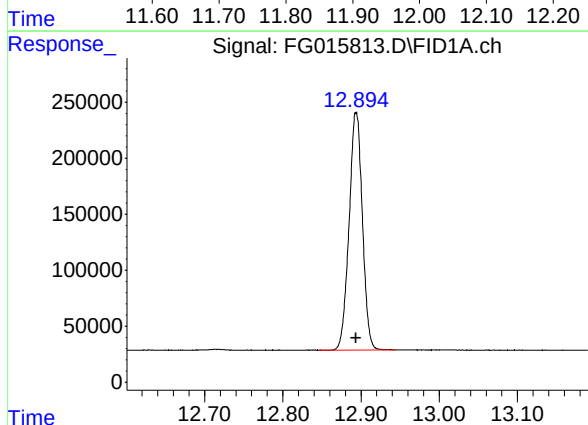
R.T.: 11.895 min
Delta R.T.: 0.001 min
Response: 3059416
Conc: 20.55 ug/ml

Instrument :

FID_G

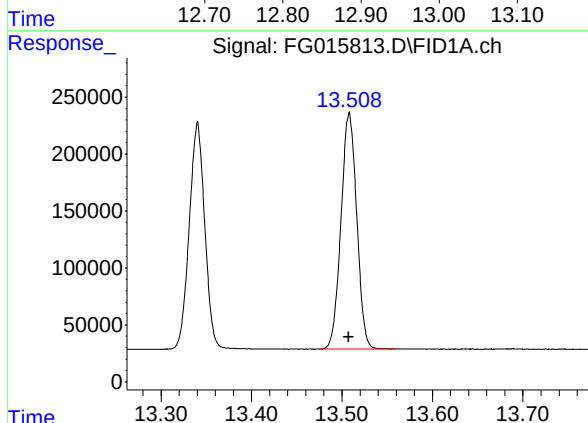
ClientSampleId :

20 PPM ALIPHATIC HC STD ICV



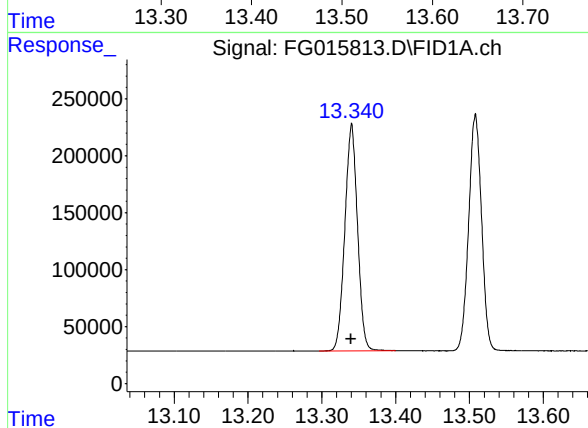
#10 n-Eicosane (C20)

R.T.: 12.894 min
Delta R.T.: 0.000 min
Response: 2514844
Conc: 20.52 ug/ml



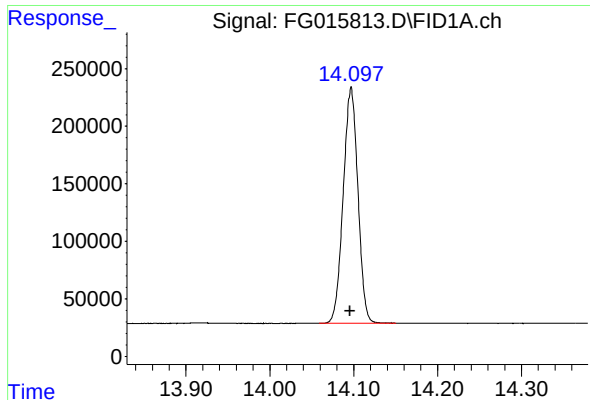
#11 n-Heneicosane (C21)

R.T.: 13.508 min
Delta R.T.: 0.000 min
Response: 2506872
Conc: 20.47 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.340 min
Delta R.T.: 0.000 min
Response: 2369854
Conc: 20.57 ug/ml



#13 n-Docosane (C22)

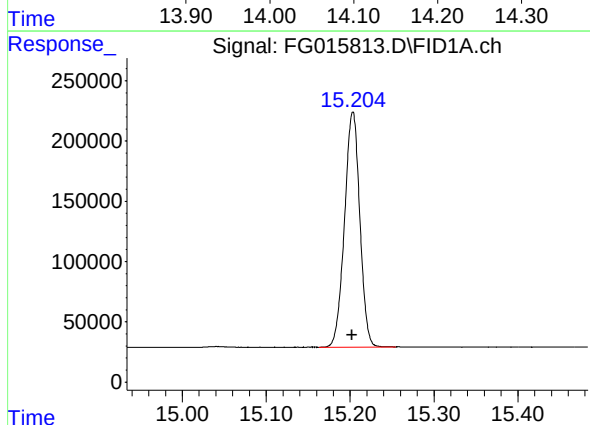
R.T.: 14.097 min
Delta R.T.: 0.001 min
Response: 2495966
Conc: 20.49 ug/ml

Instrument :

FID_G

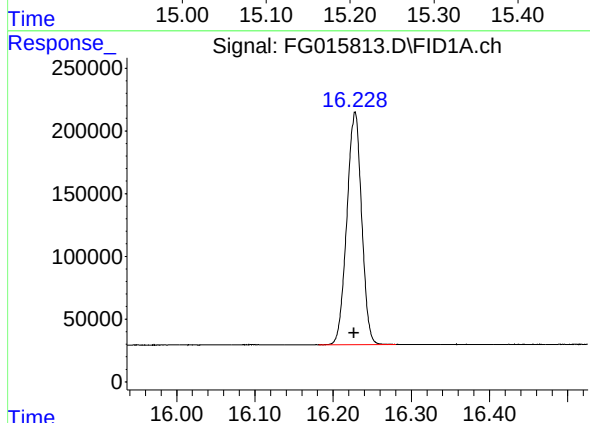
ClientSampleId :

20 PPM ALIPHATIC HC STD ICV



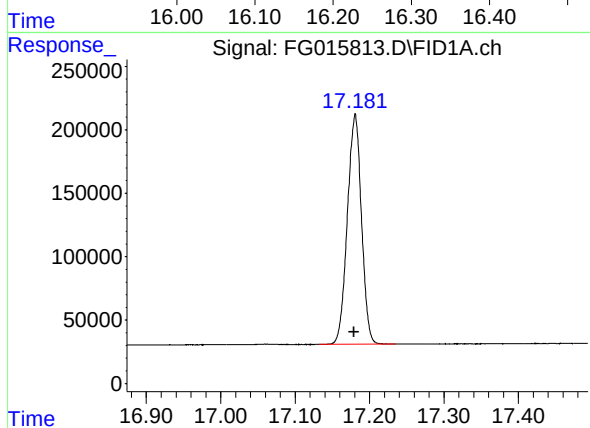
#14 n-Tetracosane (C24)

R.T.: 15.203 min
Delta R.T.: 0.001 min
Response: 2475703
Conc: 20.44 ug/ml



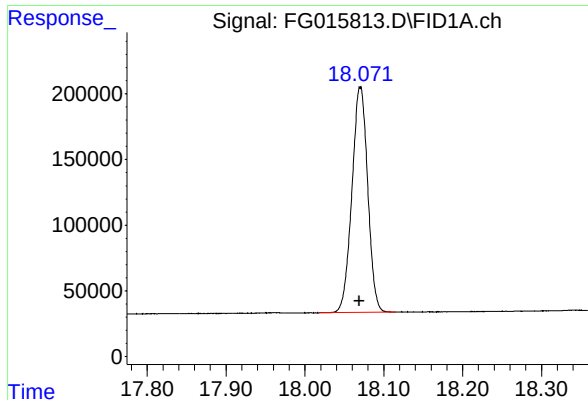
#15 n-Hexacosane (C26)

R.T.: 16.228 min
Delta R.T.: 0.001 min
Response: 2437848
Conc: 20.37 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.181 min
Delta R.T.: 0.002 min
Response: 2386626
Conc: 20.24 ug/ml



#17 n-Tricontane (C30)

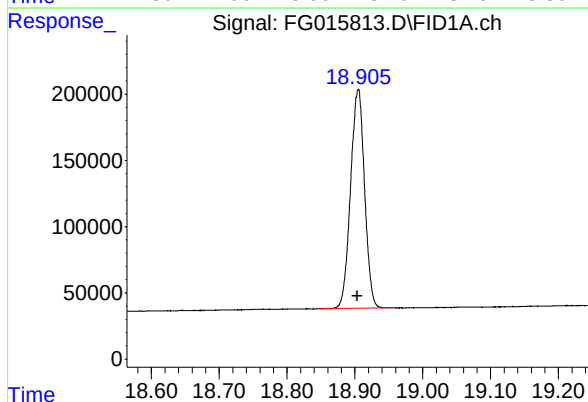
R.T.: 18.070 min
Delta R.T.: 0.001 min
Response: 2386236
Conc: 20.08 ug/ml

Instrument :

FID_G

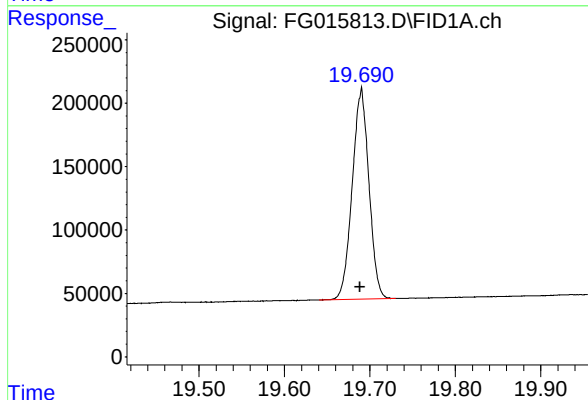
ClientSampleId :

20 PPM ALIPHATIC HC STD ICV



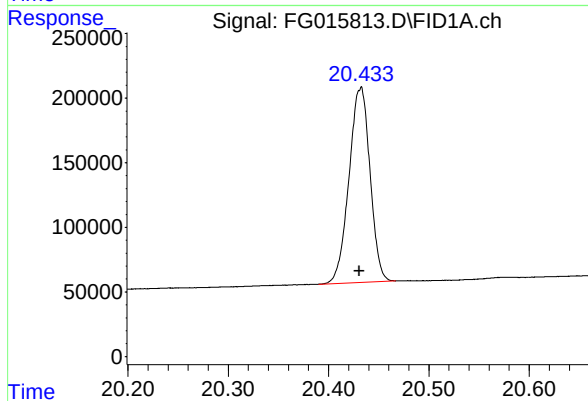
#18 n-Dotriacontane (C32)

R.T.: 18.905 min
Delta R.T.: 0.002 min
Response: 2372181
Conc: 20.08 ug/ml



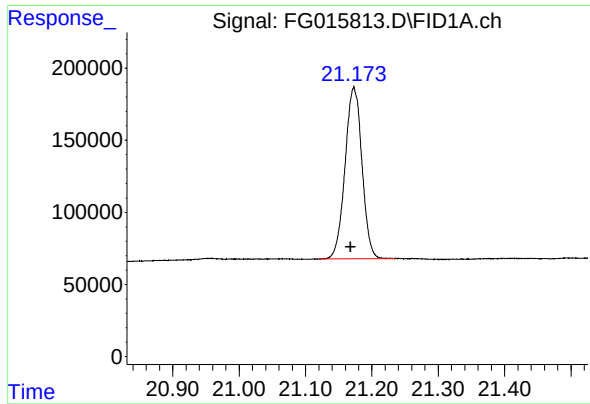
#19 n-Tetratriacontane (C34)

R.T.: 19.690 min
Delta R.T.: 0.002 min
Response: 2251845
Conc: 20.17 ug/ml



#20 n-Hexatriacontane (C36)

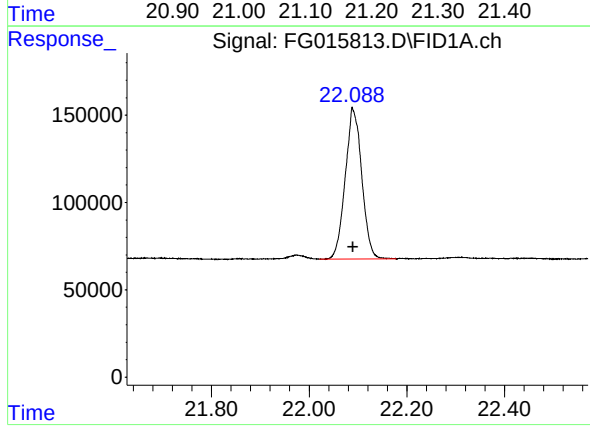
R.T.: 20.432 min
Delta R.T.: 0.001 min
Response: 2198487
Conc: 20.33 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.173 min
Delta R.T.: 0.004 min
Response: 2107171
Conc: 20.29 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.089 min
Delta R.T.: 0.000 min
Response: 2027880
Conc: 19.89 ug/ml