

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE051823AL\
 Data File : FE041977.D
 Signal(s) : FID1B.ch
 Acq On : 18 May 2023 06:21
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD ICV
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 20 PPM ALIPHATIC HC STD ICV

Integration File: autoint1.e
 Quant Time: May 18 06:45:49 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 051823.M
 Quant Title : GC Extractables
 QLast Update : Thu May 18 06:27:12 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)	11.967	3278894	18.569 ug/ml
Spiked Amount 50.000		Recovery =	37.14%
12) S 1-chlorooctadecane (S...	13.404	2451340	18.448 ug/ml
Spiked Amount 50.000		Recovery =	36.90%
Target Compounds			
1) T n-Nonane (C9)	3.347	2690690	18.660 ug/ml
2) T n-Decane (C10)	4.600	2743242	18.531 ug/ml
3) T A~Naphthalene (C11.7)	6.306	3045641	18.667 ug/ml
4) T n-Dodecane (C12)	6.768	2774100	18.500 ug/ml
5) T A~2-methylnaphthalene...	7.404	2944092	18.551 ug/ml
6) T n-Tetradecane (C14)	8.597	2771147	18.498 ug/ml
7) T n-Hexadecane (C16)	10.205	2882642	18.506 ug/ml
8) T n-Octadecane (C18)	11.649	2924951	18.497 ug/ml
10) T n-Eicosane (C20)	12.958	2797509	18.455 ug/ml
11) T n-Heneicosane (C21)	13.570	2740669	18.499 ug/ml
13) T n-Docosane (C22)	14.157	2707813	18.471 ug/ml
14) T n-Tetracosane (C24)	15.260	2657638	18.410 ug/ml
15) T n-Hexacosane (C26)	16.280	2556668	18.460 ug/ml
16) T n-Octacosane (C28)	17.231	2458669	18.364 ug/ml
17) T n-Tricontane (C30)	18.118	2465664	18.265 ug/ml
18) T n-Dotriacontane (C32)	18.951	2424966	18.152 ug/ml
19) T n-Tetratriacontane (C34)	19.735	2403259	18.274 ug/ml
20) T n-Hexatriacontane (C36)	20.476	2384344	18.345 ug/ml
21) T n-Octatriacontane (C38)	21.226	2461536	18.143 ug/ml
22) T n-Tetracontane (C40)	22.163	2511834	18.055 ug/ml

(f)=RT Delta > 1/2 Window

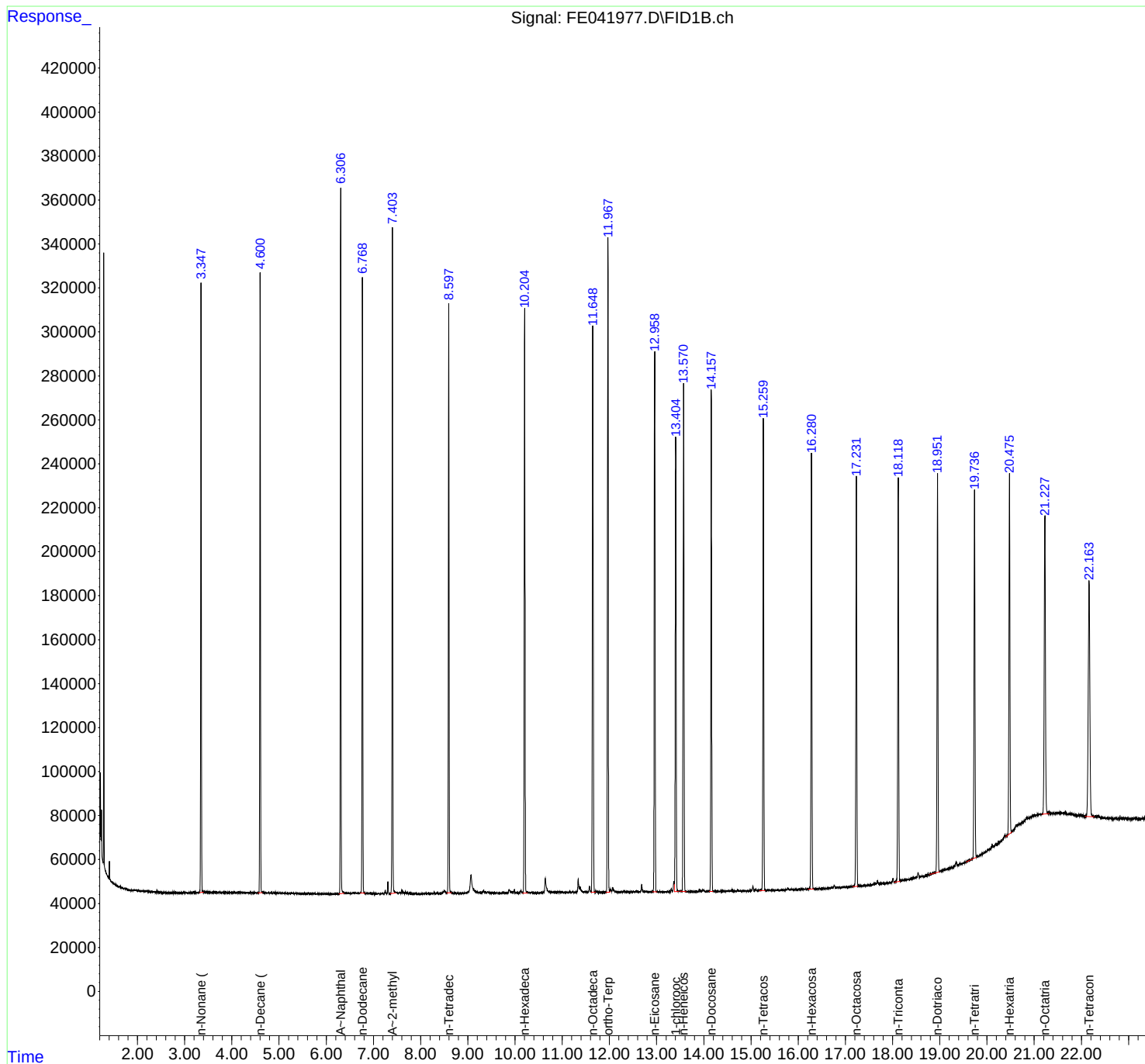
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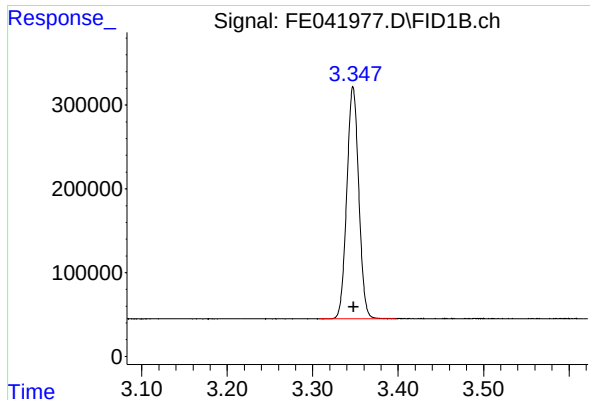
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#1 n-Nonane (C9)

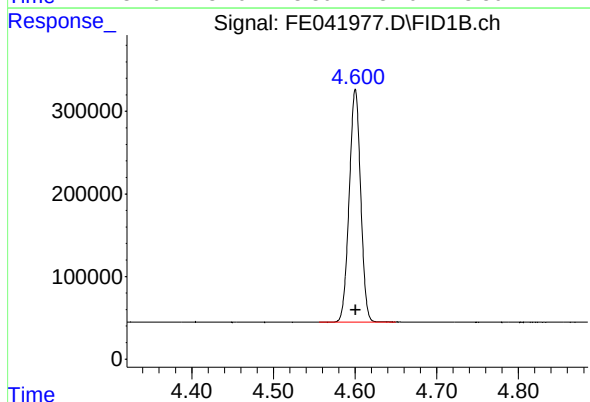
R.T.: 3.347 min
Delta R.T.: 0.000 min
Response: 2690690
Conc: 18.66 ug/ml

Instrument :

FID_E

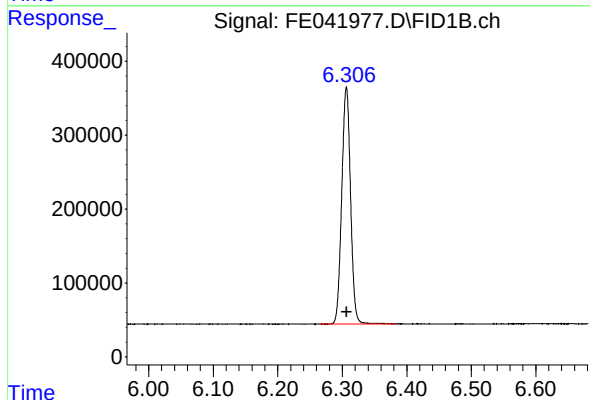
ClientSampleId :

20 PPM ALIPHATIC HC STD ICV



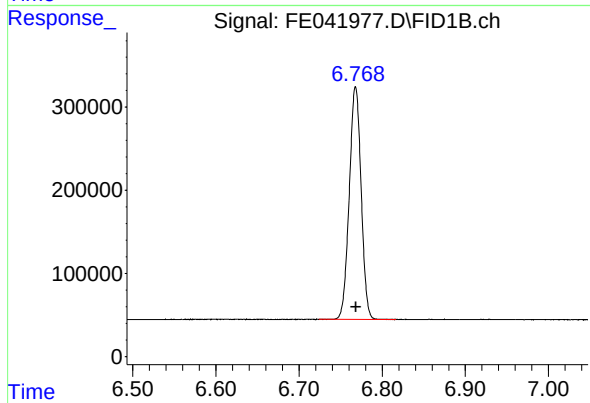
#2 n-Decane (C10)

R.T.: 4.600 min
Delta R.T.: 0.000 min
Response: 2743242
Conc: 18.53 ug/ml



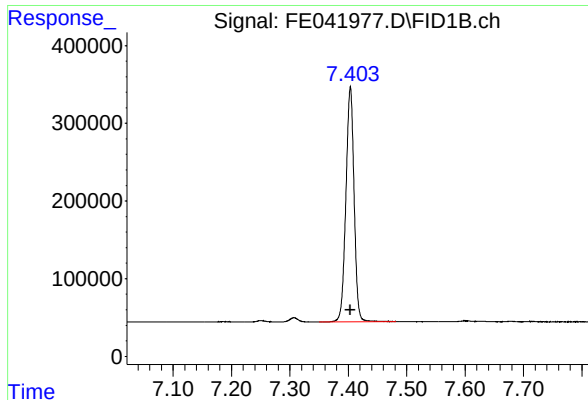
#3 A~Naphthalene (C11.7)

R.T.: 6.306 min
Delta R.T.: 0.000 min
Response: 3045641
Conc: 18.67 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.768 min
Delta R.T.: 0.000 min
Response: 2774100
Conc: 18.50 ug/ml



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

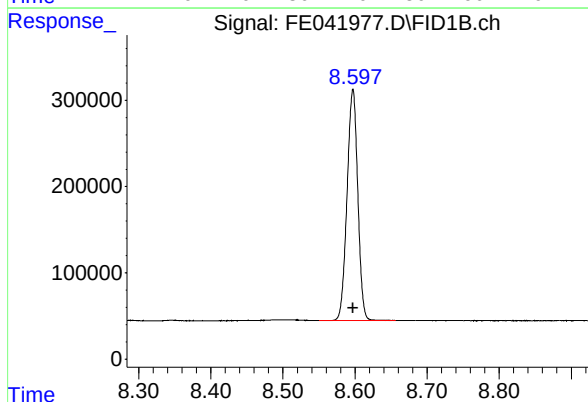
R.T.: 7.404 min
Delta R.T.: 0.000 min
Response: 2944092
Conc: 18.55 ug/ml

Instrument :

FID_E

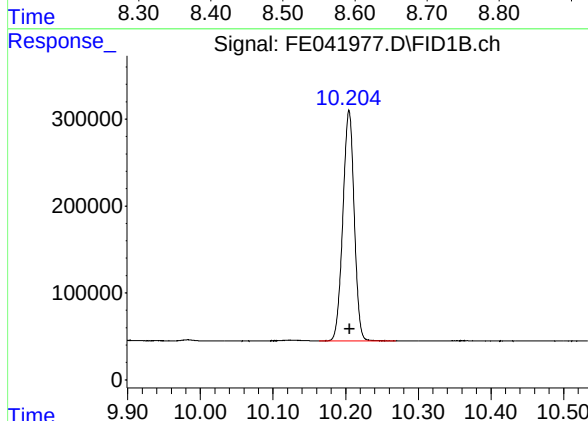
ClientSampleId :

20 PPM ALIPHATIC HC STD ICV



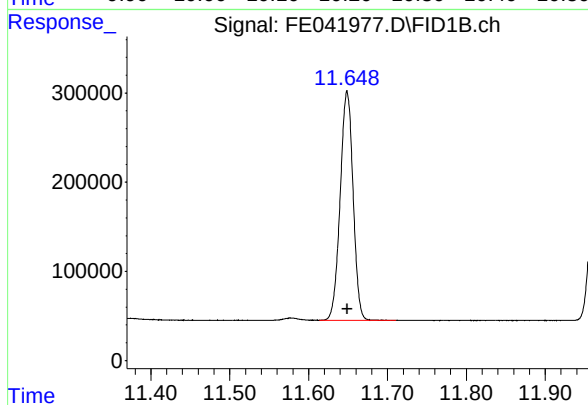
#6 n-Tetradecane (C14)

R.T.: 8.597 min
Delta R.T.: 0.000 min
Response: 2771147
Conc: 18.50 ug/ml



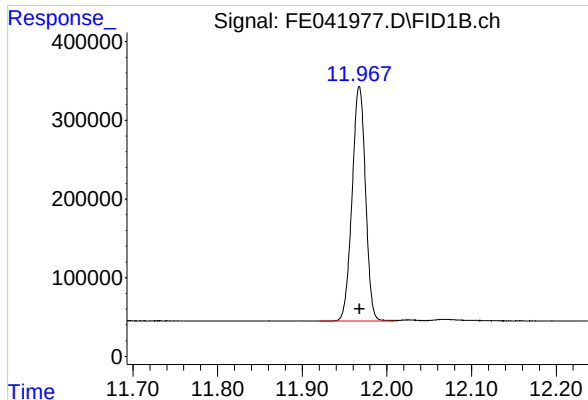
#7 n-Hexadecane (C16)

R.T.: 10.205 min
Delta R.T.: 0.000 min
Response: 2882642
Conc: 18.51 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.649 min
Delta R.T.: 0.000 min
Response: 2924951
Conc: 18.50 ug/ml



#9 ortho-Terphenyl (SURR)

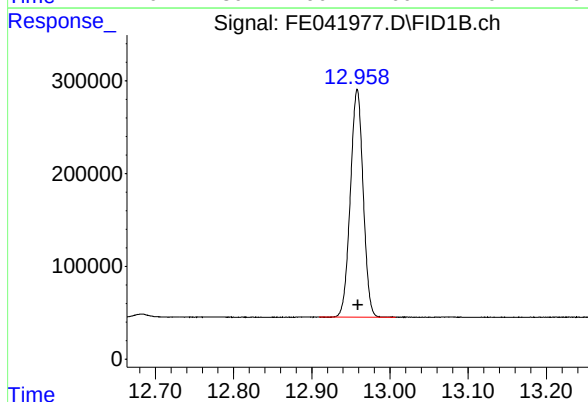
R.T.: 11.967 min
Delta R.T.: 0.000 min
Response: 3278894
Conc: 18.57 ug/ml

Instrument :

FID_E

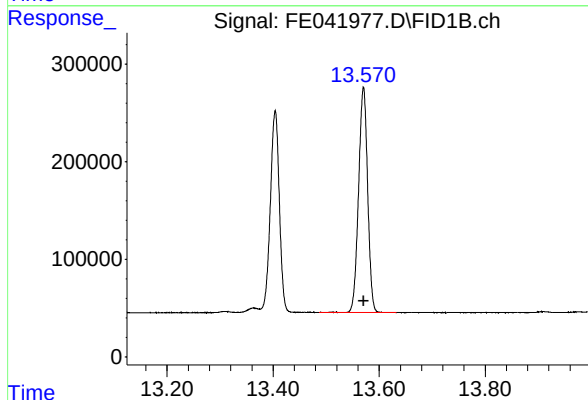
ClientSampleId :

20 PPM ALIPHATIC HC STD ICV



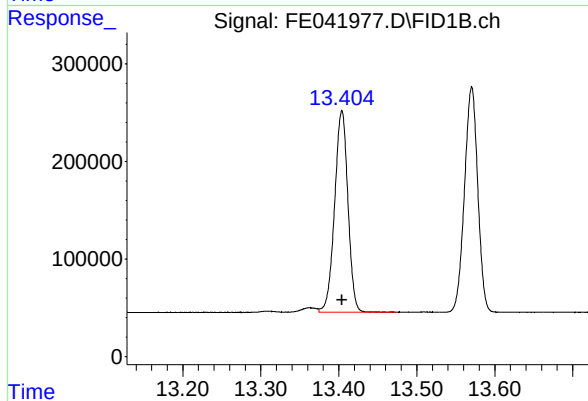
#10 n-Eicosane (C20)

R.T.: 12.958 min
Delta R.T.: 0.000 min
Response: 2797509
Conc: 18.46 ug/ml



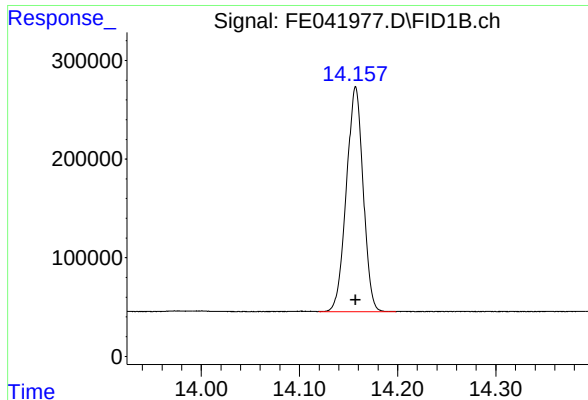
#11 n-Heneicosane (C21)

R.T.: 13.570 min
Delta R.T.: 0.000 min
Response: 2740669
Conc: 18.50 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.404 min
Delta R.T.: 0.000 min
Response: 2451340
Conc: 18.45 ug/ml



#13 n-Docosane (C22)

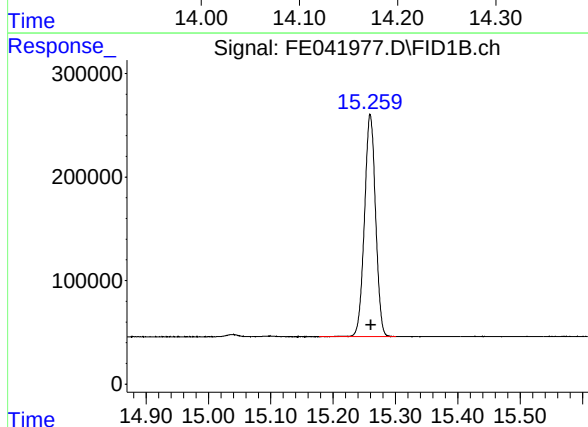
R.T.: 14.157 min
Delta R.T.: 0.000 min
Response: 2707813
Conc: 18.47 ug/ml

Instrument :

FID_E

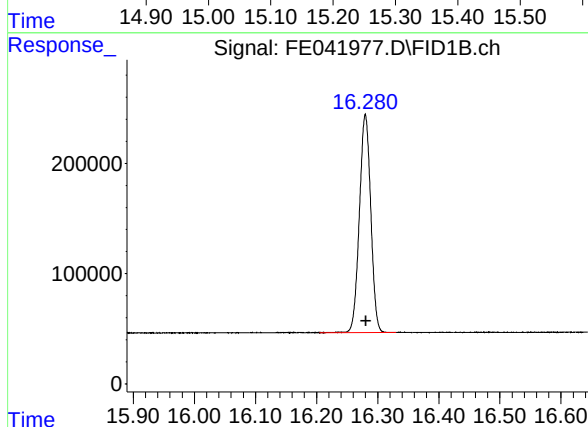
ClientSampleId :

20 PPM ALIPHATIC HC STD ICV



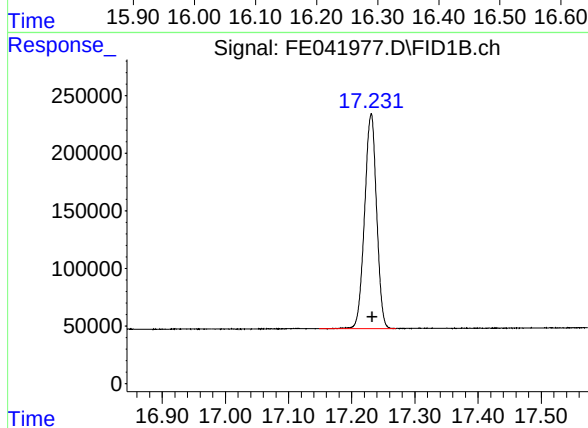
#14 n-Tetracosane (C24)

R.T.: 15.260 min
Delta R.T.: -0.001 min
Response: 2657638
Conc: 18.41 ug/ml



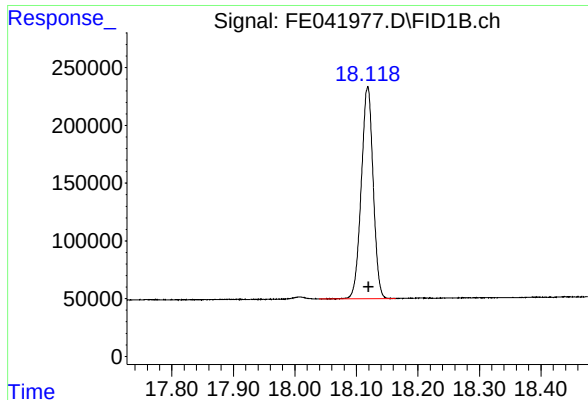
#15 n-Hexacosane (C26)

R.T.: 16.280 min
Delta R.T.: -0.001 min
Response: 2556668
Conc: 18.46 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.231 min
Delta R.T.: -0.001 min
Response: 2458669
Conc: 18.36 ug/ml



#17 n-Tricontane (C30)

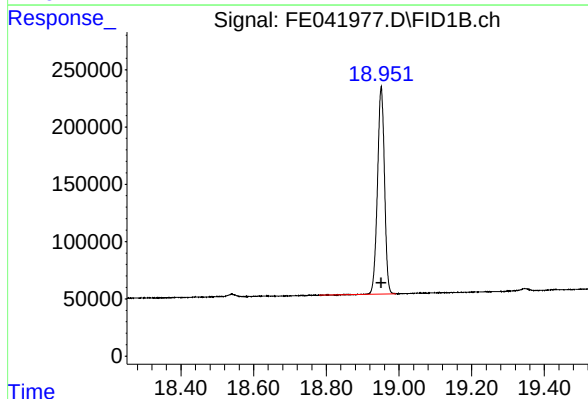
R.T.: 18.118 min
Delta R.T.: -0.001 min
Response: 2465664
Conc: 18.27 ug/ml

Instrument :

FID_E

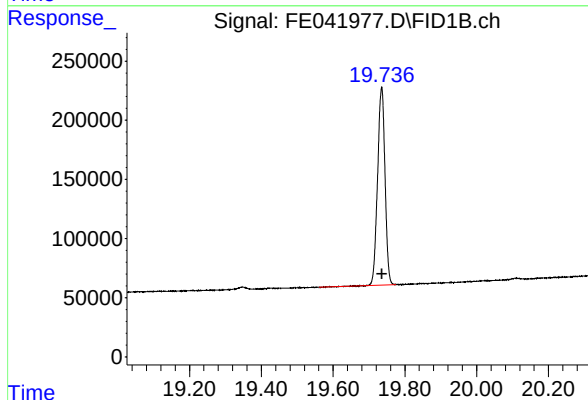
ClientSampleId :

20 PPM ALIPHATIC HC STD ICV



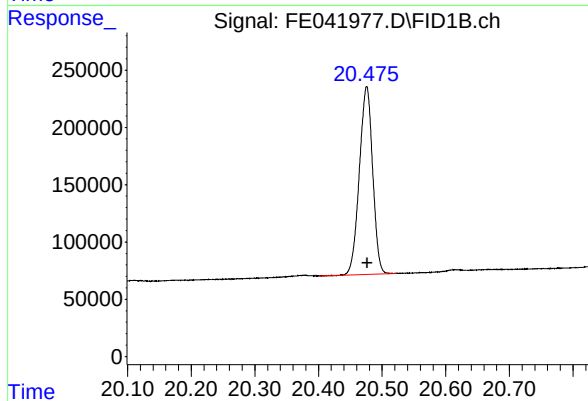
#18 n-Dotriacontane (C32)

R.T.: 18.951 min
Delta R.T.: 0.000 min
Response: 2424966
Conc: 18.15 ug/ml



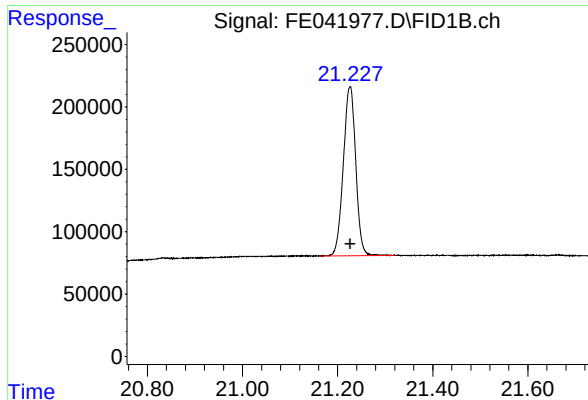
#19 n-Tetratriacontane (C34)

R.T.: 19.735 min
Delta R.T.: -0.001 min
Response: 2403259
Conc: 18.27 ug/ml



#20 n-Hexatriacontane (C36)

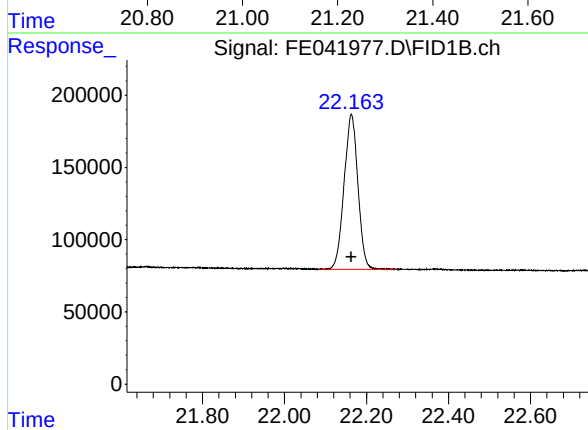
R.T.: 20.476 min
Delta R.T.: 0.000 min
Response: 2384344
Conc: 18.34 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.226 min
Delta R.T.: 0.000 min
Response: 2461536
Conc: 18.14 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.163 min
Delta R.T.: 0.000 min
Response: 2511834
Conc: 18.06 ug/ml