

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE080323AL\
 Data File : FE043669.D
 Signal(s) : FID1B.ch
 Acq On : 02 Aug 2023 10:00
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD ICV
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 20 PPM ALIPHATIC HC STD ICV

Integration File: autoint1.e
 Quant Time: Aug 02 10:56:06 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 080323.M
 Quant Title : GC Extractables
 QLast Update : Wed Aug 02 09:56:52 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)	11.939	4117918	19.983 ug/ml
Spiked Amount 50.000		Recovery =	39.97%
12) S 1-chlorooctadecane (S...	13.379	3123875	20.019 ug/ml
Spiked Amount 50.000		Recovery =	40.04%
Target Compounds			
1) T n-Nonane (C9)	3.329	3227029	19.983 ug/ml
2) T n-Decane (C10)	4.580	3286931	19.943 ug/ml
3) T A~Naphthalene (C11.7)	6.277	3630842	19.942 ug/ml
4) T n-Dodecane (C12)	6.744	3336523	19.936 ug/ml
5) T A~2-methylnaphthalene...	7.372	3549504	19.938 ug/ml
6) T n-Tetradecane (C14)	8.570	3351293	19.891 ug/ml
7) T n-Hexadecane (C16)	10.179	3515721	19.930 ug/ml
8) T n-Octadecane (C18)	11.623	3616954	19.967 ug/ml
10) T n-Eicosane (C20)	12.934	3537254	19.988 ug/ml
11) T n-Heneicosane (C21)	13.547	3538536	19.985 ug/ml
13) T n-Docosane (C22)	14.134	3511368	20.019 ug/ml
14) T n-Tetracosane (C24)	15.238	3521715	20.044 ug/ml
15) T n-Hexacosane (C26)	16.260	3466380	20.056 ug/ml
16) T n-Octacosane (C28)	17.211	3354208	20.047 ug/ml
17) T n-Tricontane (C30)	18.100	3323664	20.067 ug/ml
18) T n-Dotriacontane (C32)	18.933	3181435	20.149 ug/ml
19) T n-Tetratriacontane (C34)	19.719	2998445	20.178 ug/ml
20) T n-Hexatriacontane (C36)	20.461	2796427	20.006 ug/ml
21) T n-Octatriacontane (C38)	21.204	2665983	19.984 ug/ml
22) T n-Tetracontane (C40)	22.129	2575013	19.957 ug/ml

(f)=RT Delta > 1/2 Window

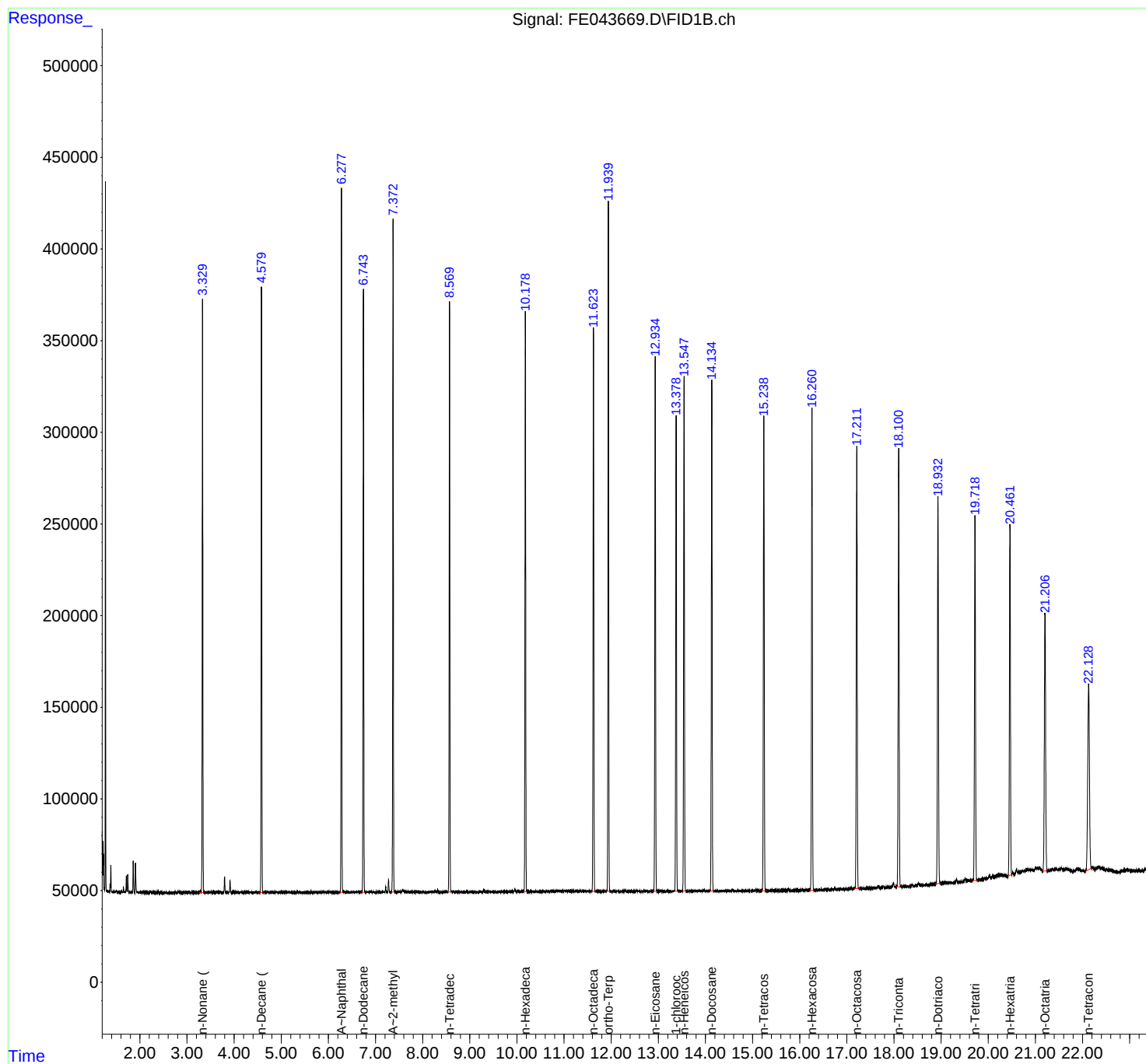
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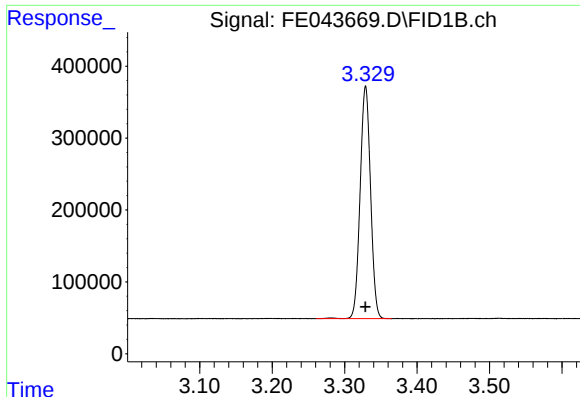
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#1 n-Nonane (C9)

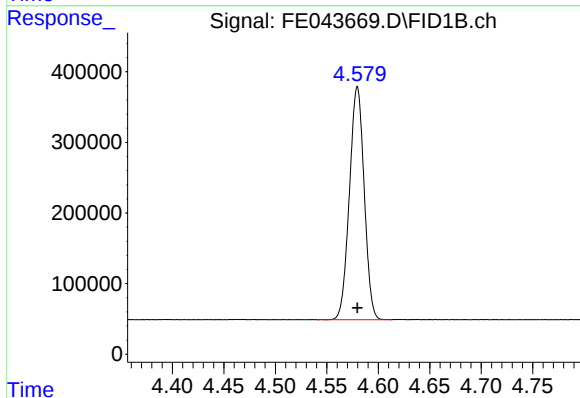
R.T.: 3.329 min
Delta R.T.: 0.000 min
Response: 3227029
Conc: 19.98 ug/ml

Instrument :

FID_E

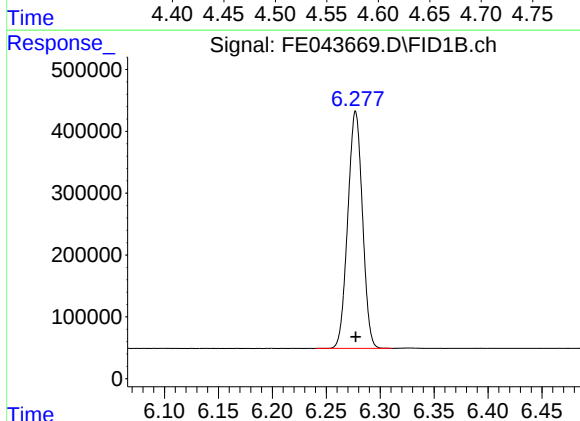
ClientSampleId :

20 PPM ALIPHATIC HC STD ICV



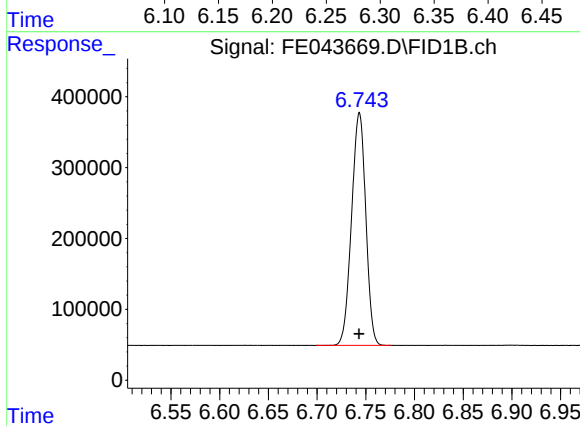
#2 n-Decane (C10)

R.T.: 4.580 min
Delta R.T.: 0.000 min
Response: 3286931
Conc: 19.94 ug/ml



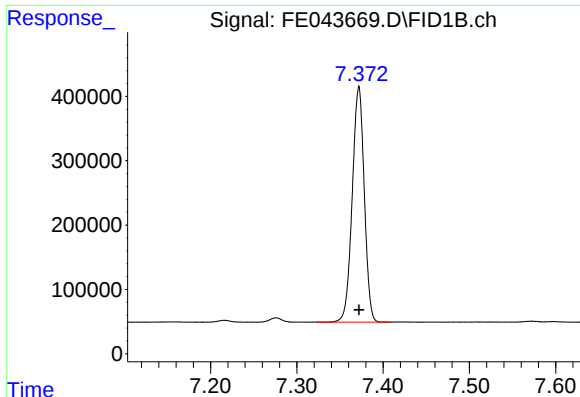
#3 A~Naphthalene (C11.7)

R.T.: 6.277 min
Delta R.T.: 0.000 min
Response: 3630842
Conc: 19.94 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.744 min
Delta R.T.: 0.000 min
Response: 3336523
Conc: 19.94 ug/ml



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

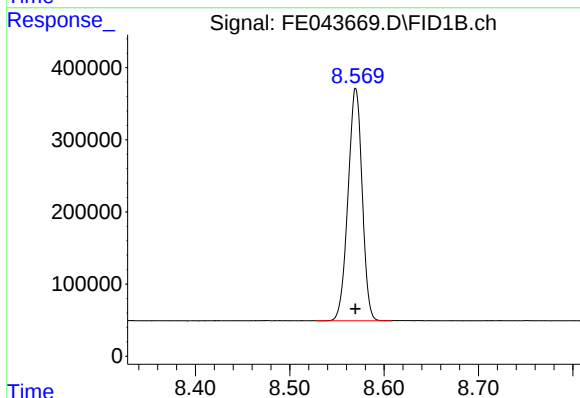
R.T.: 7.372 min
Delta R.T.: 0.000 min
Response: 3549504
Conc: 19.94 ug/ml

Instrument :

FID_E

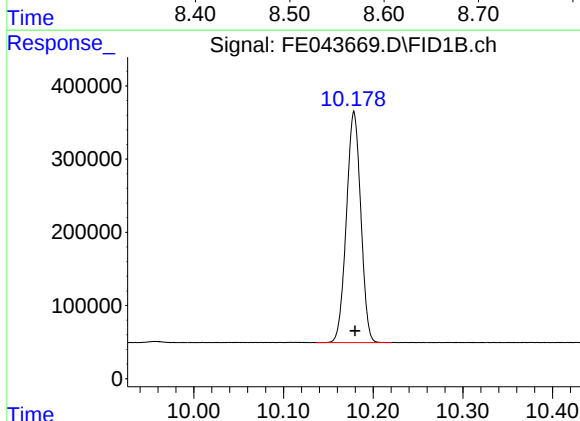
ClientSampleId :

20 PPM ALIPHATIC HC STD ICV



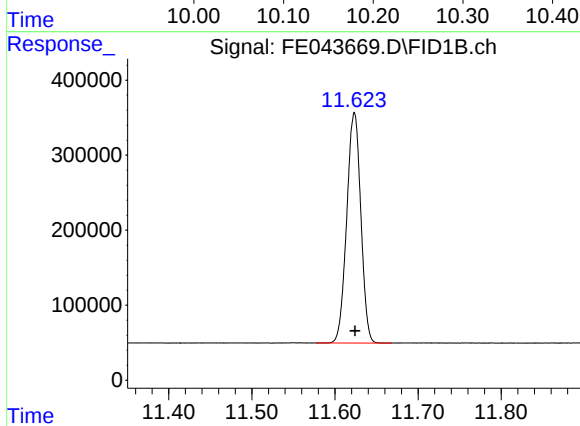
#6 n-Tetradecane (C14)

R.T.: 8.570 min
Delta R.T.: 0.000 min
Response: 3351293
Conc: 19.89 ug/ml



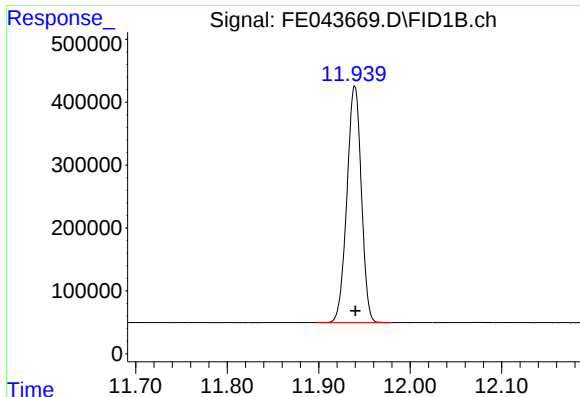
#7 n-Hexadecane (C16)

R.T.: 10.179 min
Delta R.T.: -0.001 min
Response: 3515721
Conc: 19.93 ug/ml



#8 n-Octadecane (C18)

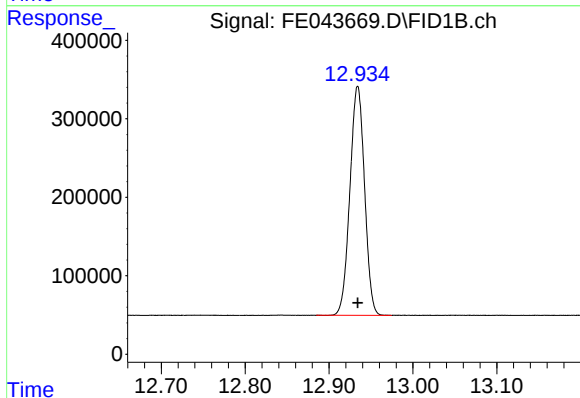
R.T.: 11.623 min
Delta R.T.: 0.000 min
Response: 3616954
Conc: 19.97 ug/ml



#9 ortho-Terphenyl (SURR)

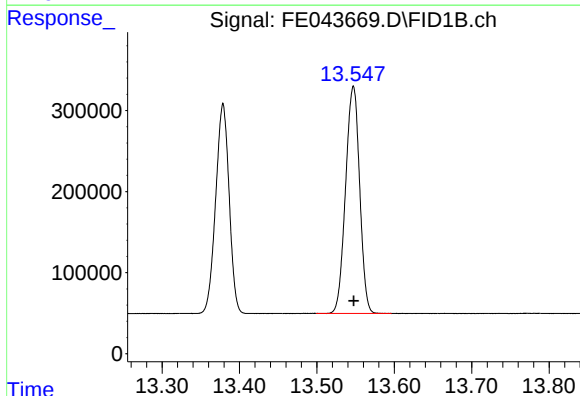
R.T.: 11.939 min
Delta R.T.: 0.000 min
Response: 4117918
Conc: 19.98 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD ICV



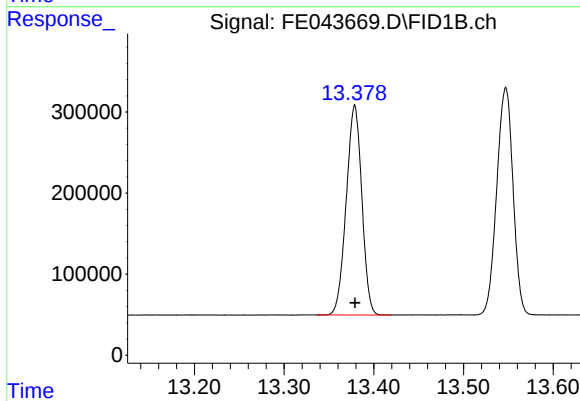
#10 n-Eicosane (C20)

R.T.: 12.934 min
Delta R.T.: 0.000 min
Response: 3537254
Conc: 19.99 ug/ml



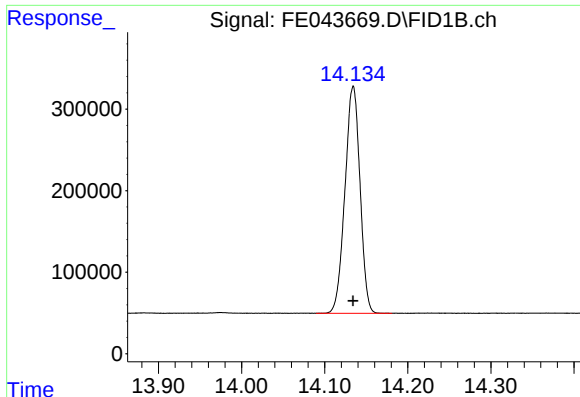
#11 n-Heneicosane (C21)

R.T.: 13.547 min
Delta R.T.: 0.000 min
Response: 3538536
Conc: 19.98 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.379 min
Delta R.T.: 0.000 min
Response: 3123875
Conc: 20.02 ug/ml



#13 n-Docosane (C22)

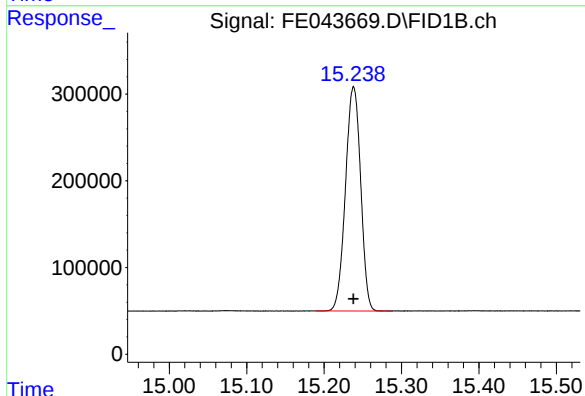
R.T.: 14.134 min
Delta R.T.: 0.000 min
Response: 3511368
Conc: 20.02 ug/ml

Instrument :

FID_E

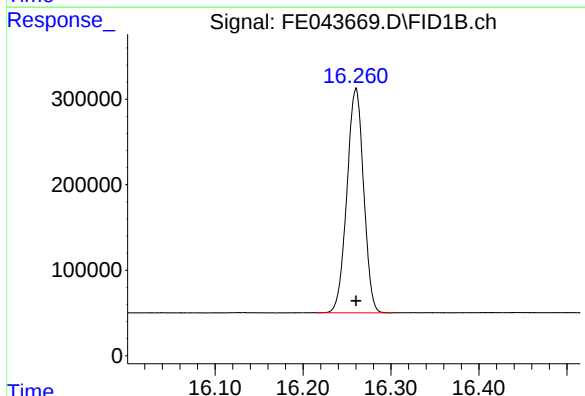
ClientSampleId :

20 PPM ALIPHATIC HC STD ICV



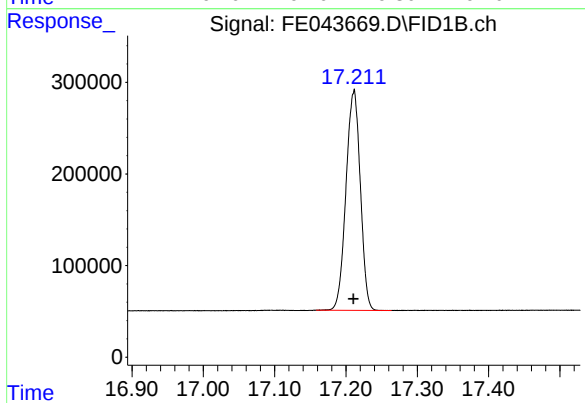
#14 n-Tetracosane (C24)

R.T.: 15.238 min
Delta R.T.: 0.000 min
Response: 3521715
Conc: 20.04 ug/ml



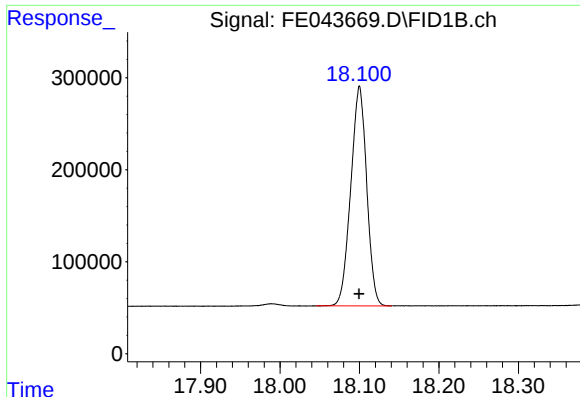
#15 n-Hexacosane (C26)

R.T.: 16.260 min
Delta R.T.: 0.000 min
Response: 3466380
Conc: 20.06 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.211 min
Delta R.T.: 0.000 min
Response: 3354208
Conc: 20.05 ug/ml



#17 n-Tricontane (C30)

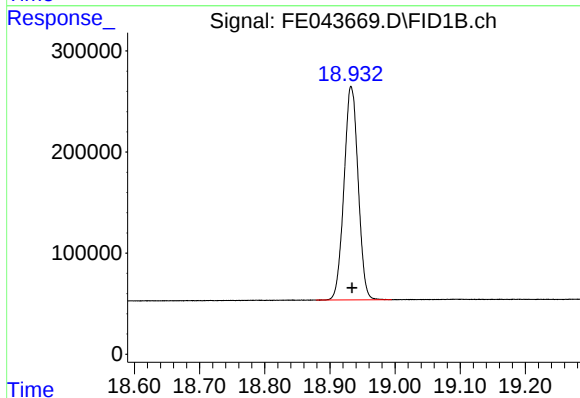
R.T.: 18.100 min
Delta R.T.: 0.000 min
Response: 3323664
Conc: 20.07 ug/ml

Instrument :

FID_E

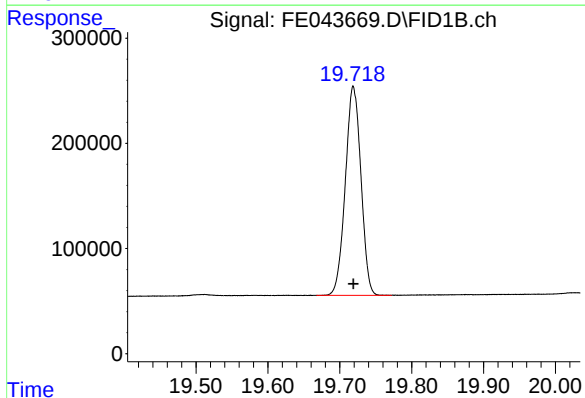
ClientSampleId :

20 PPM ALIPHATIC HC STD ICV



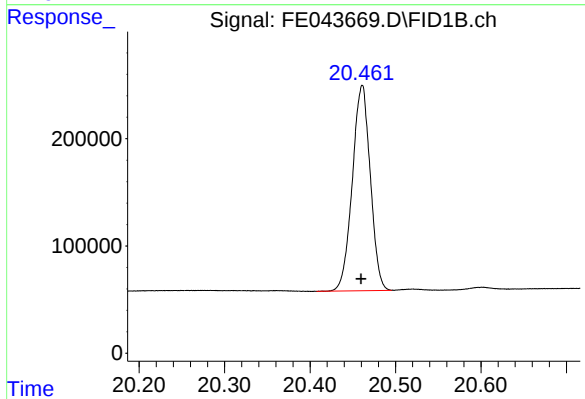
#18 n-Dotriacontane (C32)

R.T.: 18.933 min
Delta R.T.: -0.002 min
Response: 3181435
Conc: 20.15 ug/ml



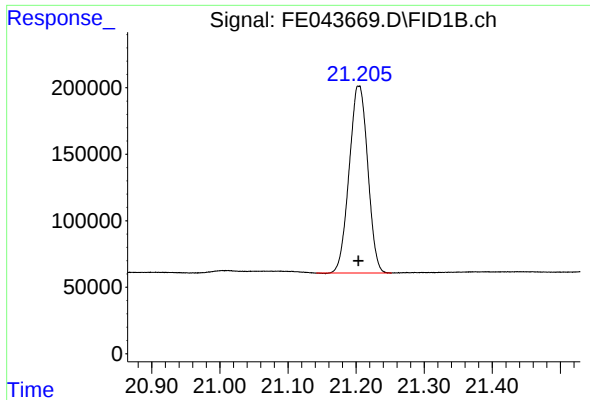
#19 n-Tetratriacontane (C34)

R.T.: 19.719 min
Delta R.T.: 0.000 min
Response: 2998445
Conc: 20.18 ug/ml



#20 n-Hexatriacontane (C36)

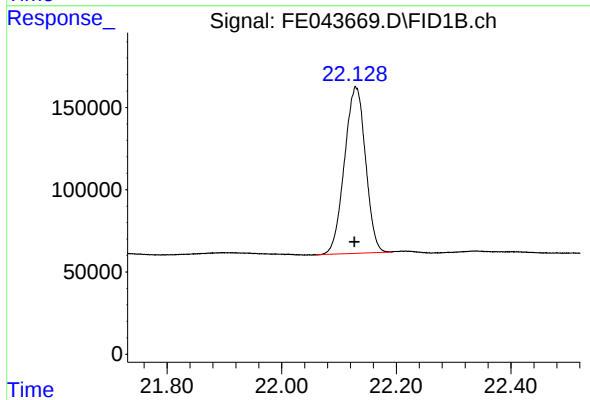
R.T.: 20.461 min
Delta R.T.: 0.001 min
Response: 2796427
Conc: 20.01 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.204 min
Delta R.T.: 0.000 min
Response: 2665983
Conc: 19.98 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.129 min
Delta R.T.: 0.002 min
Response: 2575013
Conc: 19.96 ug/ml