

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE020822AL\
 Data File : FE034884.D
 Signal(s) : FID1B.CH
 Acq On : 08 Feb 2022 19:50
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD ICV
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 20 PPM ALIPHATIC HC STD ICV

Integration File: sample.E
 Quant Time: Feb 08 22:07:23 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 020822.M
 Quant Title : GC Extractables
 QLast Update : Tue Feb 08 22:05:03 2022
 Response via : Initial Calibration
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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)	11.136	5795440	19.788 ug/ml
Spiked Amount 50.000		Recovery =	39.58%
12) S 1-chlorooctadecane (S...	12.566	4419104	19.765 ug/ml
Spiked Amount 50.000		Recovery =	39.53%
Target Compounds			
1) T n-Nonane (C9)	2.995	5007323	19.740 ug/ml
2) T n-Decane (C10)	4.014	5066361	19.739 ug/ml
3) T A~Naphthalene (C11.7)	5.572	5671841	19.771 ug/ml
4) T n-Dodecane (C12)	6.003	5077411	19.735 ug/ml
5) T A~2-methylnaphthalene...	6.620	5715059	19.752 ug/ml
6) T n-Tetradecane (C14)	7.790	5153054	19.701 ug/ml
7) T n-Hexadecane (C16)	9.384	5168022	19.708 ug/ml
8) T n-Octadecane (C18)	10.822	5261771	19.734 ug/ml
10) T n-Eicosane (C20)	12.125	5158500	19.752 ug/ml
11) T n-Heneicosane (C21)	12.734	5172093	19.743 ug/ml
13) T n-Docosane (C22)	13.317	5095519	19.766 ug/ml
14) T n-Tetracosane (C24)	14.417	5016846	19.787 ug/ml
15) T n-Hexacosane (C26)	15.432	4827395	19.770 ug/ml
16) T n-Octacosane (C28)	16.379	4691499	19.716 ug/ml
17) T n-Tricontane (C30)	17.262	4514043	19.628 ug/ml
18) T n-Dotriacontane (C32)	18.091	4182919	19.569 ug/ml
19) T n-Tetratriacontane (C34)	18.871	3956936	19.633 ug/ml
20) T n-Hexatriacontane (C36)	19.607	3732646	19.734 ug/ml
21) T n-Octatriacontane (C38)	20.321	3573237	19.641 ug/ml
22) T n-Tetracontane (C40)	21.173	3660321	19.982 ug/ml

(f)=RT Delta > 1/2 Window

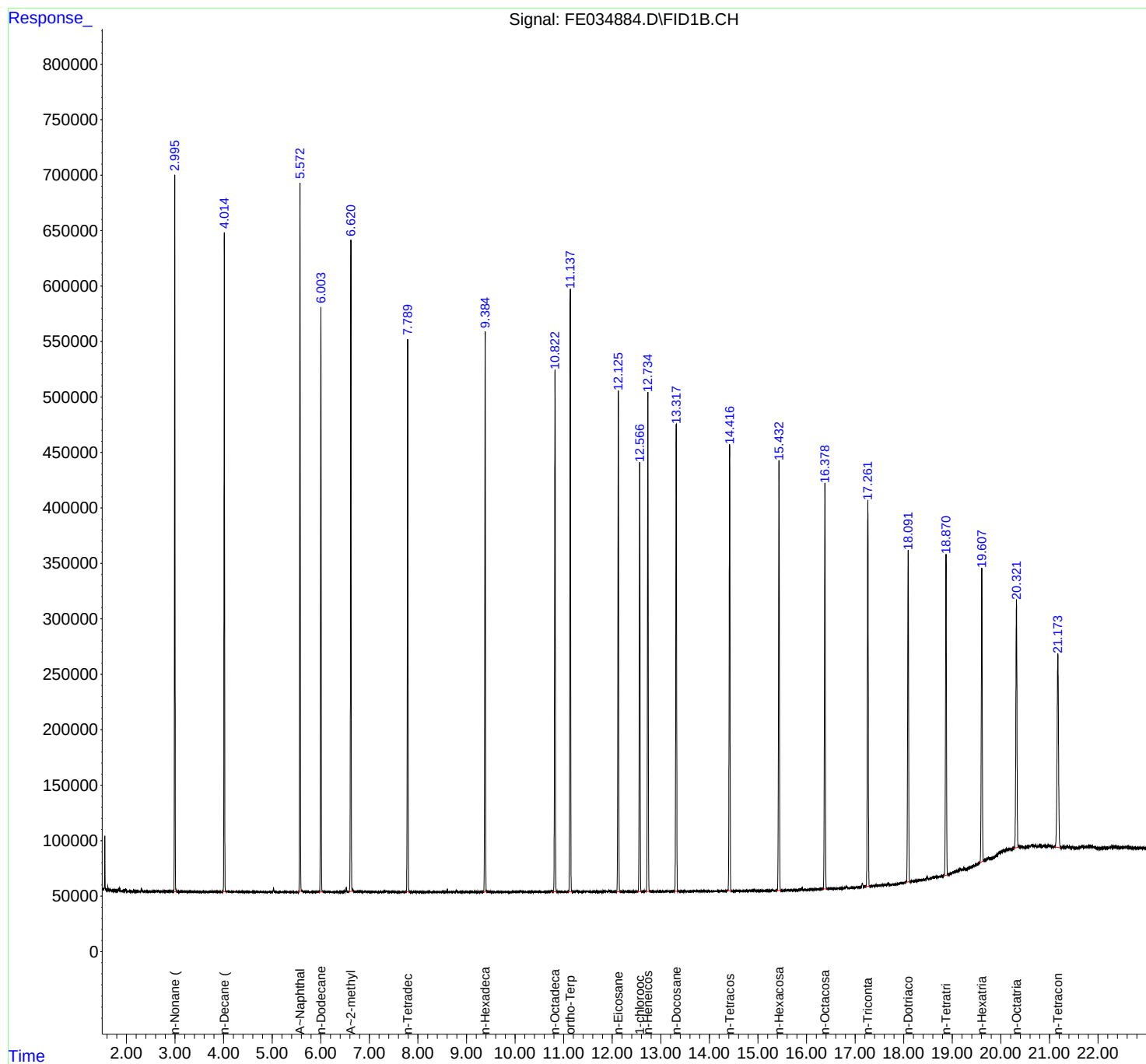
(m)=manual int.

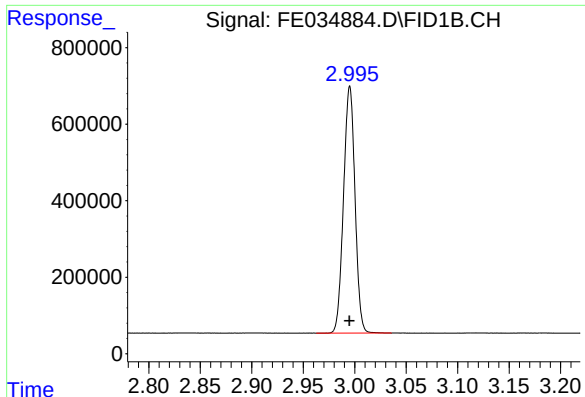
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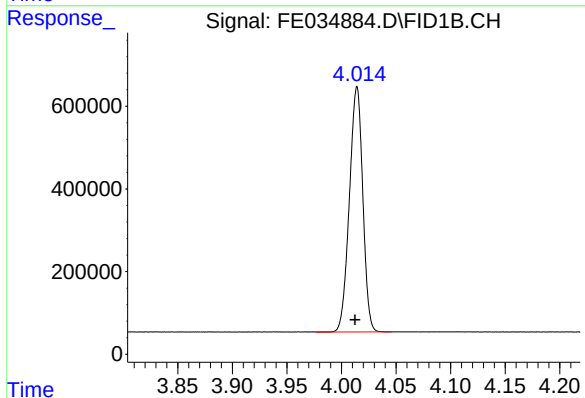




#1 n-Nonane (C9)

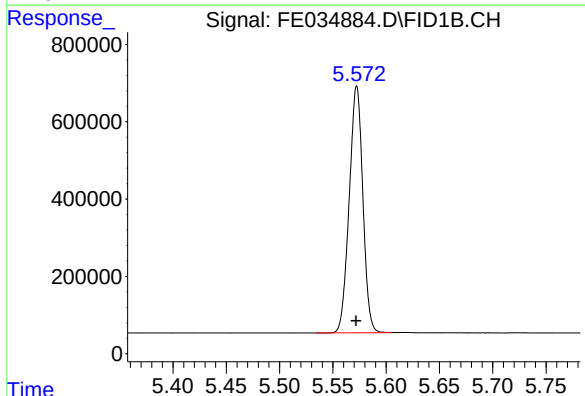
R.T.: 2.995 min
Delta R.T.: 0.000 min
Response: 5007323
Conc: 19.74 ug/ml

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20 PPM ALIPHATIC HC STD ICV



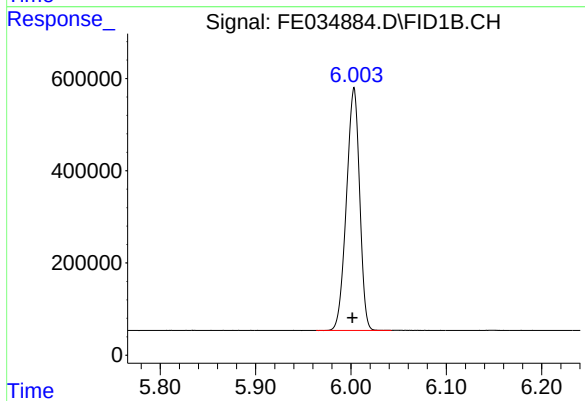
#2 n-Decane (C10)

R.T.: 4.014 min
Delta R.T.: 0.002 min
Response: 5066361
Conc: 19.74 ug/ml



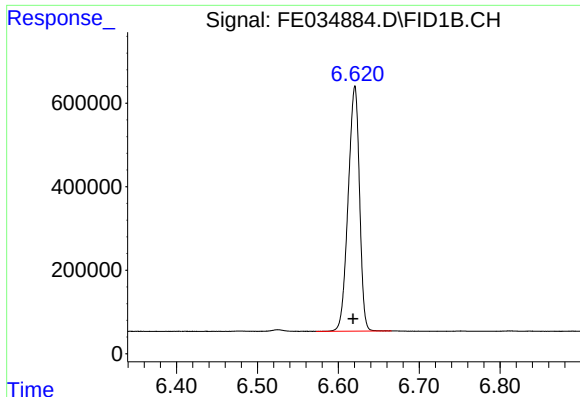
#3 A~Naphthalene (C11.7)

R.T.: 5.572 min
Delta R.T.: 0.000 min
Response: 5671841
Conc: 19.77 ug/ml



#4 n-Dodecane (C12)

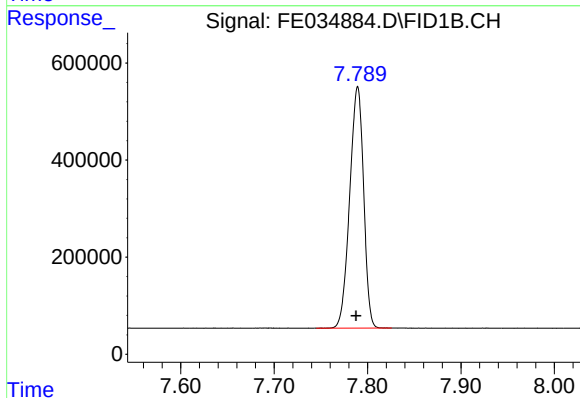
R.T.: 6.003 min
Delta R.T.: 0.002 min
Response: 5077411
Conc: 19.73 ug/ml



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

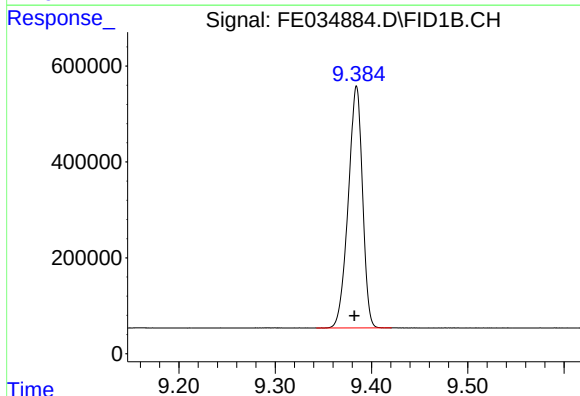
R.T.: 6.620 min
Delta R.T.: 0.002 min
Response: 5715059
Conc: 19.75 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD ICV



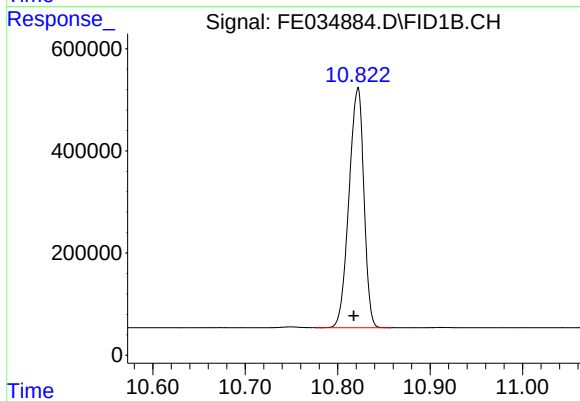
#6 n-Tetradecane (C14)

R.T.: 7.790 min
Delta R.T.: 0.002 min
Response: 5153054
Conc: 19.70 ug/ml



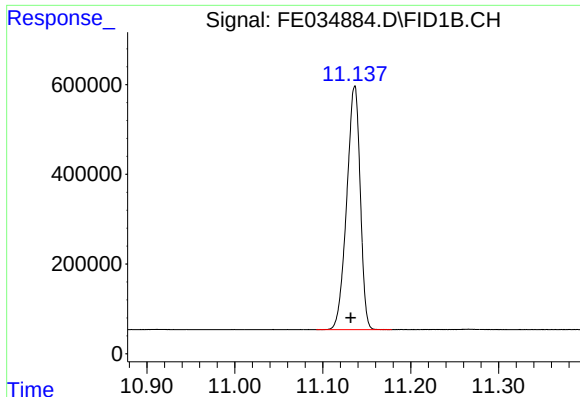
#7 n-Hexadecane (C16)

R.T.: 9.384 min
Delta R.T.: 0.002 min
Response: 5168022
Conc: 19.71 ug/ml



#8 n-Octadecane (C18)

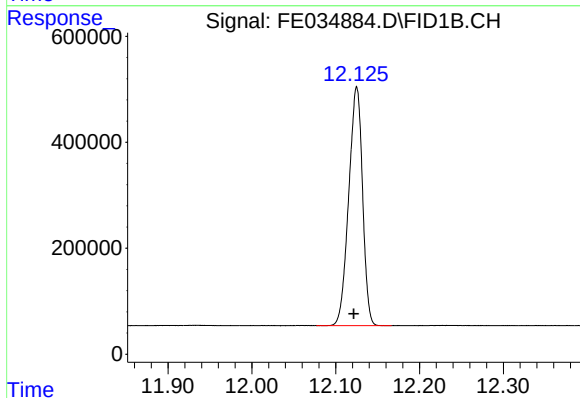
R.T.: 10.822 min
Delta R.T.: 0.005 min
Response: 5261771
Conc: 19.73 ug/ml



#9 ortho-Terphenyl (SURR)

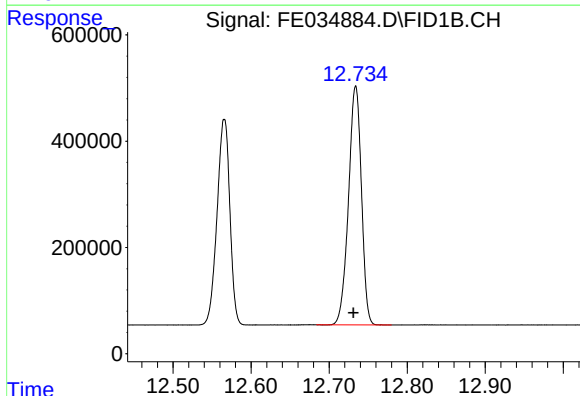
R.T.: 11.136 min
Delta R.T.: 0.004 min
Response: 5795440
Conc: 19.79 ug/ml

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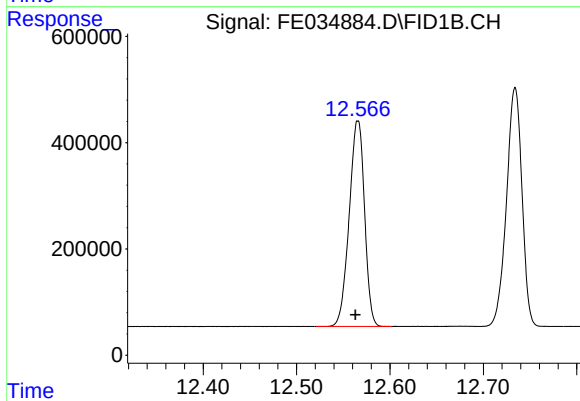
#10 n-Eicosane (C20)

R.T.: 12.125 min
Delta R.T.: 0.004 min
Response: 5158500
Conc: 19.75 ug/ml



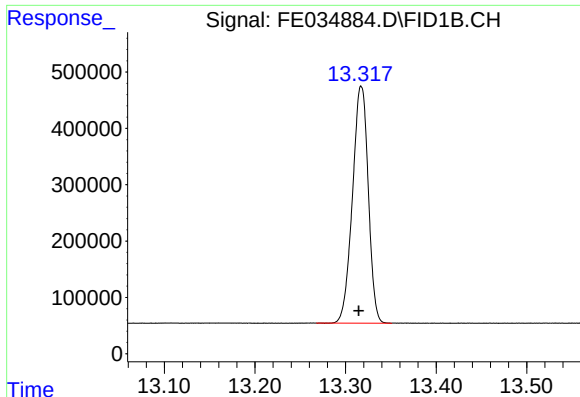
#11 n-Heneicosane (C21)

R.T.: 12.734 min
Delta R.T.: 0.003 min
Response: 5172093
Conc: 19.74 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.566 min
Delta R.T.: 0.003 min
Response: 4419104
Conc: 19.77 ug/ml



#13 n-Docosane (C22)

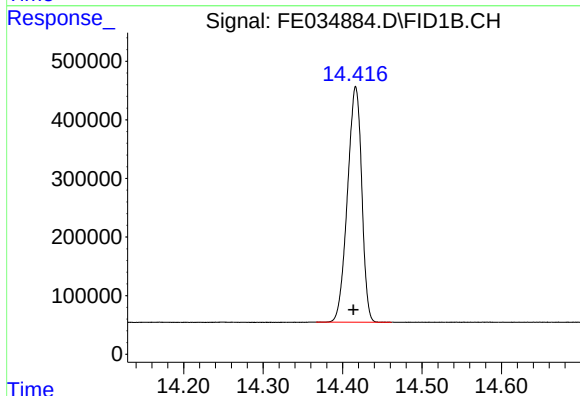
R.T.: 13.317 min
Delta R.T.: 0.003 min
Response: 5095519
Conc: 19.77 ug/ml

Instrument :

FID_E

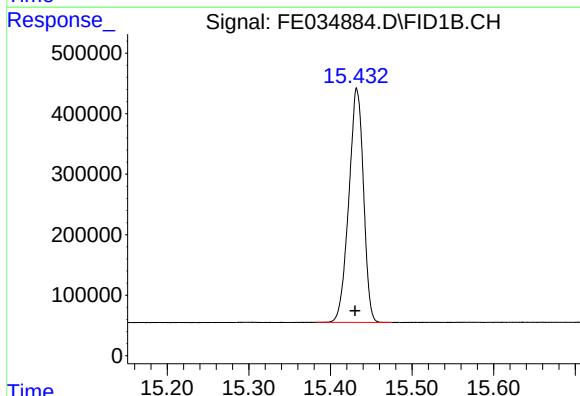
ClientSampleId :

20 PPM ALIPHATIC HC STD ICV



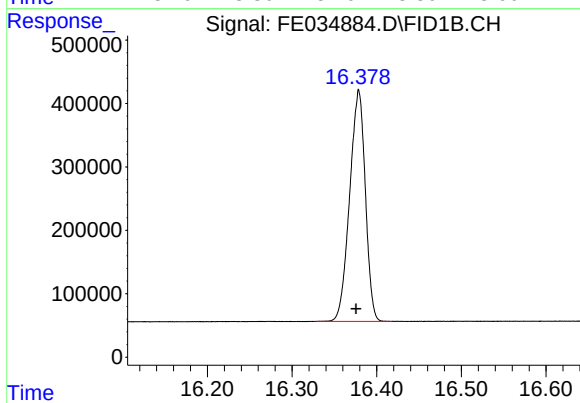
#14 n-Tetracosane (C24)

R.T.: 14.417 min
Delta R.T.: 0.003 min
Response: 5016846
Conc: 19.79 ug/ml



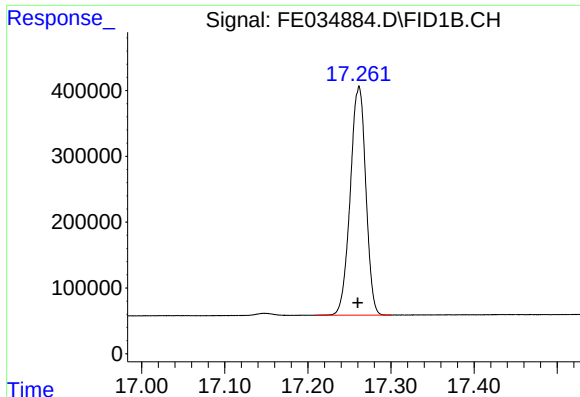
#15 n-Hexacosane (C26)

R.T.: 15.432 min
Delta R.T.: 0.002 min
Response: 4827395
Conc: 19.77 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.379 min
Delta R.T.: 0.003 min
Response: 4691499
Conc: 19.72 ug/ml



#17 n-Tricontane (C30)

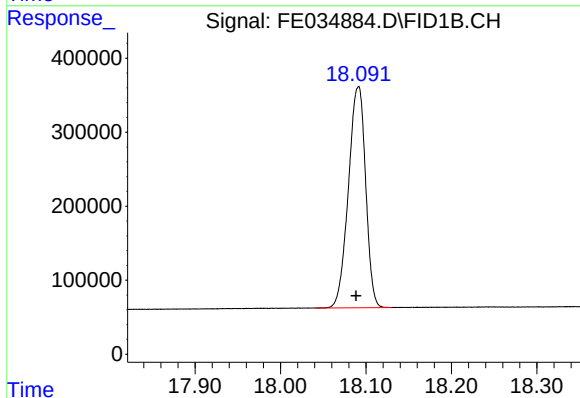
R.T.: 17.262 min
Delta R.T.: 0.002 min
Response: 4514043
Conc: 19.63 ug/ml

Instrument :

FID_E

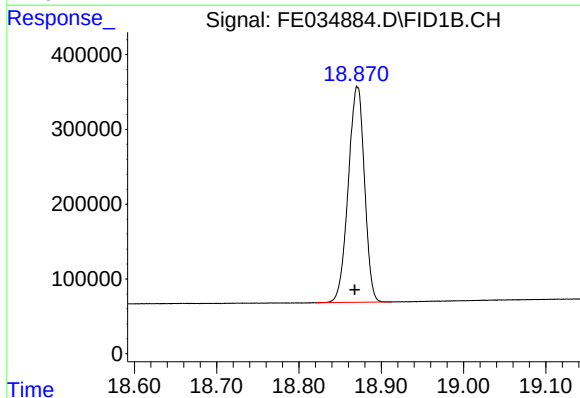
ClientSampleId :

20 PPM ALIPHATIC HC STD ICV



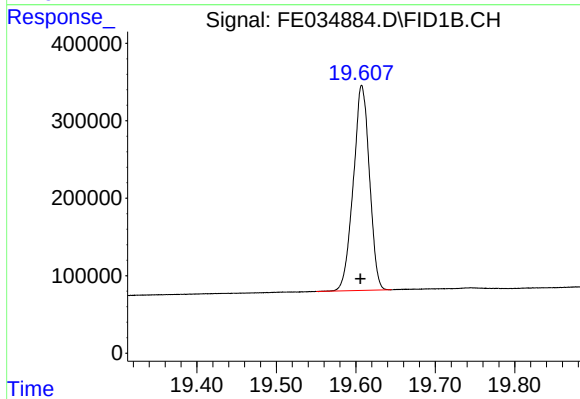
#18 n-Dotriacontane (C32)

R.T.: 18.091 min
Delta R.T.: 0.003 min
Response: 4182919
Conc: 19.57 ug/ml



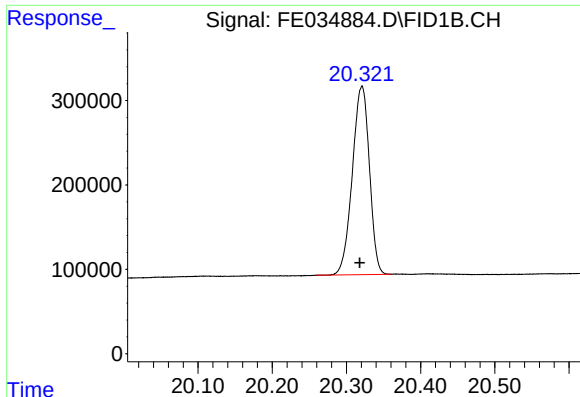
#19 n-Tetratriacontane (C34)

R.T.: 18.871 min
Delta R.T.: 0.003 min
Response: 3956936
Conc: 19.63 ug/ml



#20 n-Hexatriacontane (C36)

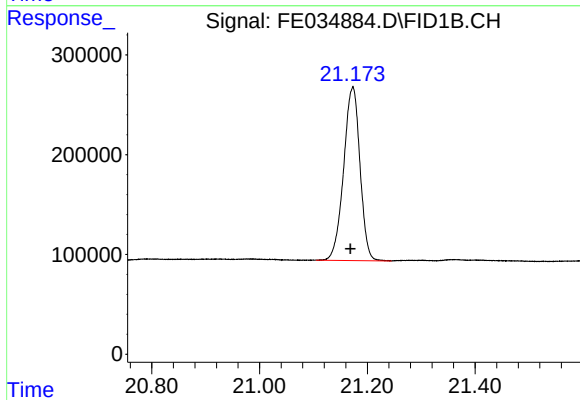
R.T.: 19.607 min
Delta R.T.: 0.002 min
Response: 3732646
Conc: 19.73 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.321 min
Delta R.T.: 0.003 min
Response: 3573237
Conc: 19.64 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.173 min
Delta R.T.: 0.005 min
Response: 3660321
Conc: 19.98 ug/ml