

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE021022AL\
 Data File : FE034995.D
 Signal(s) : FID1B.CH
 Acq On : 11 Feb 2022 6:58
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: sample.E
 Quant Time: Feb 11 07:36:17 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)	11.122	6405606	21.872 ug/ml
Spiked Amount 50.000		Recovery =	43.74%
12) S 1-chlorooctadecane (S...	12.552	4916496	21.990 ug/ml
Spiked Amount 50.000		Recovery =	43.98%
Target Compounds			
1) T n-Nonane (C9)	2.988	5513525	21.736 ug/ml
2) T n-Decane (C10)	4.004	5586477	21.765 ug/ml
3) T A~Naphthalene (C11.7)	5.560	6266642	21.844 ug/ml
4) T n-Dodecane (C12)	5.992	5603775	21.781 ug/ml
5) T A~2-methylnaphthalene...	6.608	6278617	21.700 ug/ml
6) T n-Tetradecane (C14)	7.778	5691906	21.761 ug/ml
7) T n-Hexadecane (C16)	9.372	5718118	21.806 ug/ml
8) T n-Octadecane (C18)	10.809	5842715	21.913 ug/ml
10) T n-Eicosane (C20)	12.112	5725640	21.924 ug/ml
11) T n-Heneicosane (C21)	12.721	5740151	21.911 ug/ml
13) T n-Docosane (C22)	13.305	5668744	21.990 ug/ml
14) T n-Tetracosane (C24)	14.403	5577528	21.998 ug/ml
15) T n-Hexacosane (C26)	15.419	5350867	21.914 ug/ml
16) T n-Octacosane (C28)	16.363	5251054	22.068 ug/ml
17) T n-Tricontane (C30)	17.248	5148128	22.385 ug/ml
18) T n-Dotriacontane (C32)	18.076	4832945	22.610 ug/ml
19) T n-Tetratriacontane (C34)	18.855	4491692	22.286 ug/ml
20) T n-Hexatriacontane (C36)	19.593	4212364	22.270 ug/ml
21) T n-Octatriacontane (C38)	20.304	4033289	22.170 ug/ml
22) T n-Tetracontane (C40)	21.150	4045589	22.085 ug/ml

(f)=RT Delta > 1/2 Window

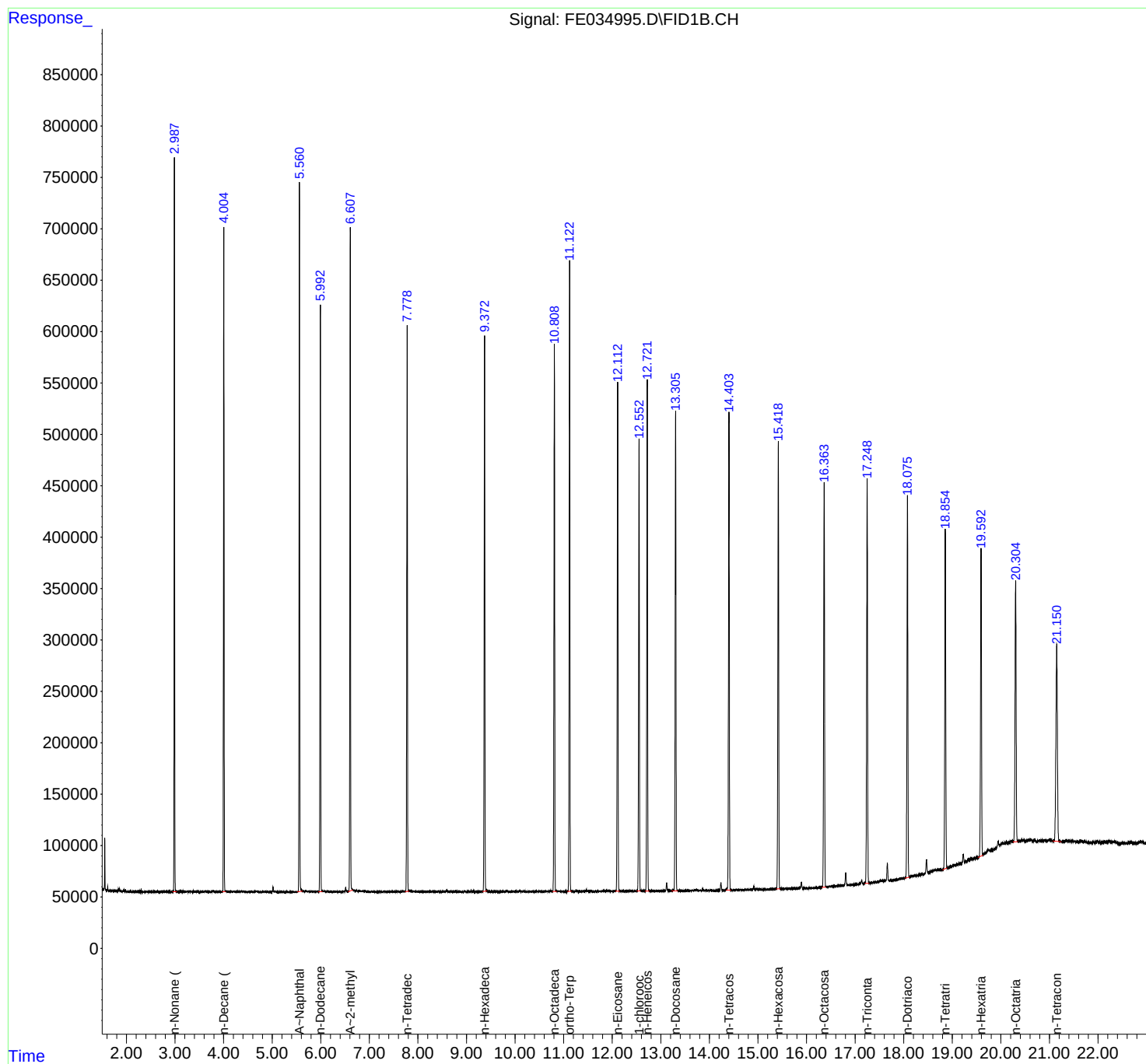
(m)=manual int.

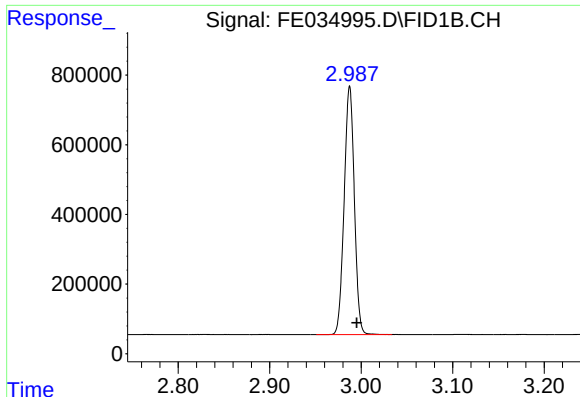
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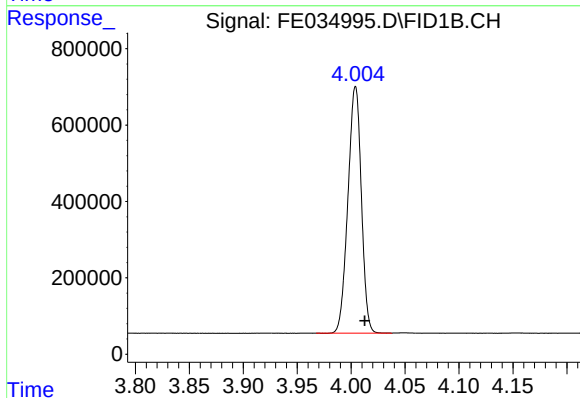




#1 n-Nonane (C9)

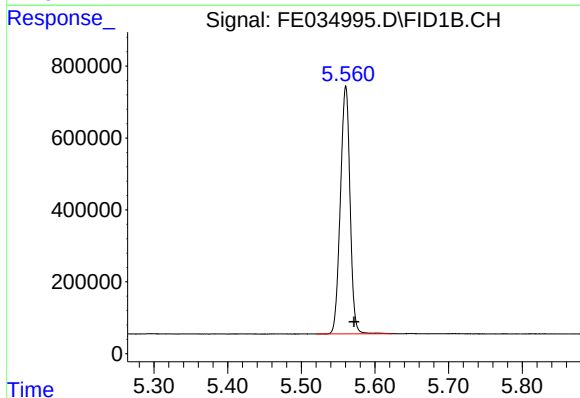
R.T.: 2.988 min
Delta R.T.: -0.007 min
Response: 5513525
Conc: 21.74 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



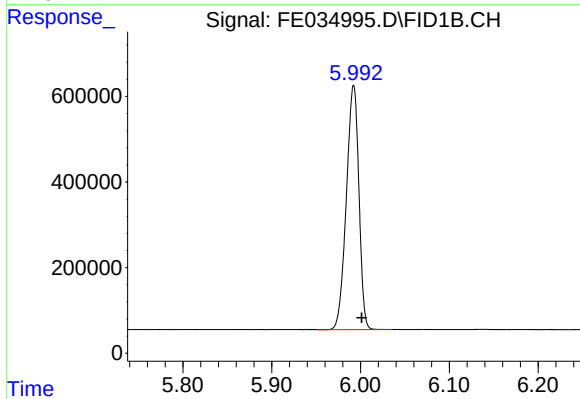
#2 n-Decane (C10)

R.T.: 4.004 min
Delta R.T.: -0.008 min
Response: 5586477
Conc: 21.77 ug/ml



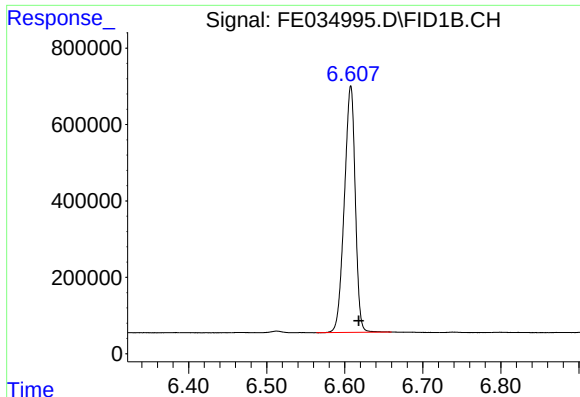
#3 A~Naphthalene (C11.7)

R.T.: 5.560 min
Delta R.T.: -0.011 min
Response: 6266642
Conc: 21.84 ug/ml



#4 n-Dodecane (C12)

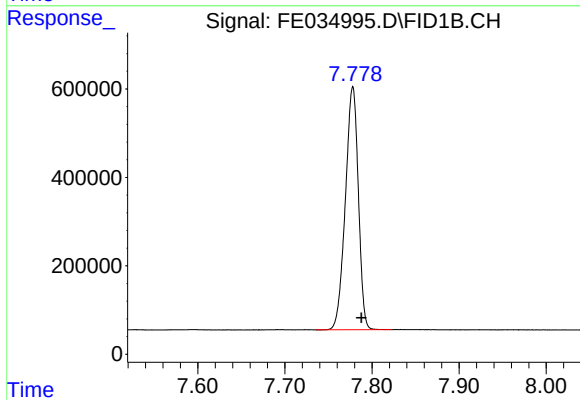
R.T.: 5.992 min
Delta R.T.: -0.009 min
Response: 5603775
Conc: 21.78 ug/ml



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

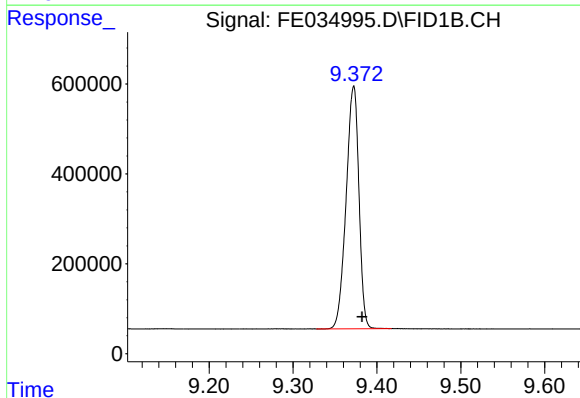
R.T.: 6.608 min
Delta R.T.: -0.010 min
Response: 6278617
Conc: 21.70 ug/ml

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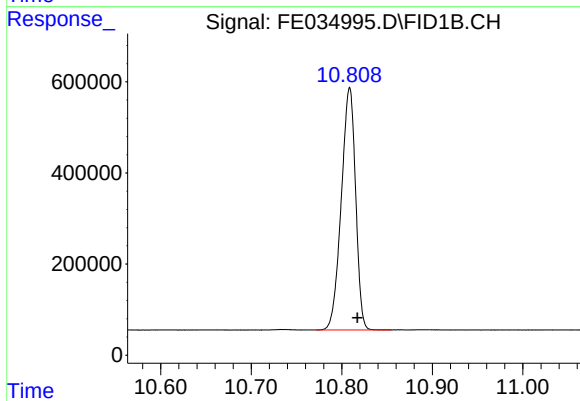
#6 n-Tetradecane (C14)

R.T.: 7.778 min
Delta R.T.: -0.010 min
Response: 5691906
Conc: 21.76 ug/ml



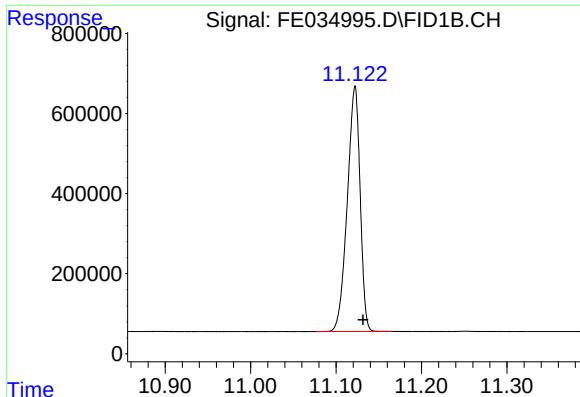
#7 n-Hexadecane (C16)

R.T.: 9.372 min
Delta R.T.: -0.010 min
Response: 5718118
Conc: 21.81 ug/ml



#8 n-Octadecane (C18)

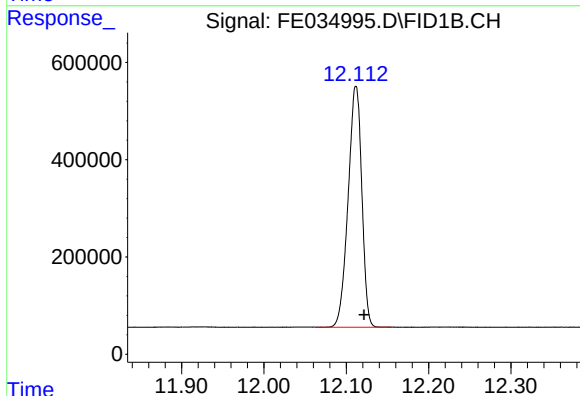
R.T.: 10.809 min
Delta R.T.: -0.009 min
Response: 5842715
Conc: 21.91 ug/ml



#9 ortho-Terphenyl (SURR)

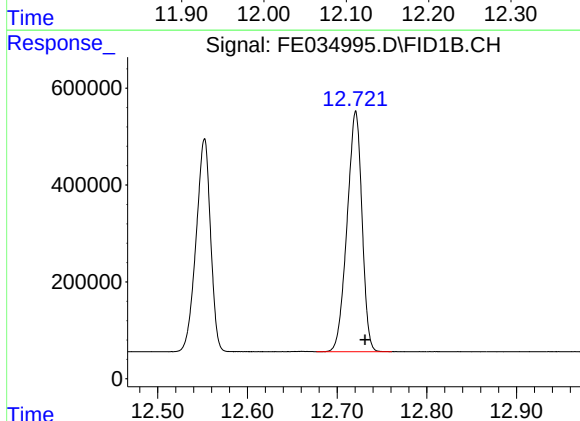
R.T.: 11.122 min
Delta R.T.: -0.010 min
Response: 6405606
Conc: 21.87 ug/ml

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FID_E
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20 PPM ALIPHATIC HC STD



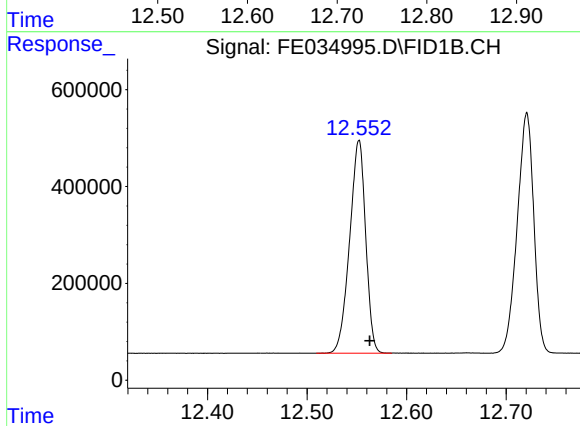
#10 n-Eicosane (C20)

R.T.: 12.112 min
Delta R.T.: -0.010 min
Response: 5725640
Conc: 21.92 ug/ml



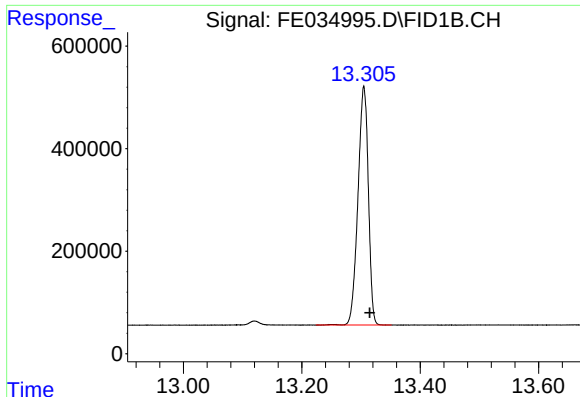
#11 n-Heneicosane (C21)

R.T.: 12.721 min
Delta R.T.: -0.010 min
Response: 5740151
Conc: 21.91 ug/ml



#12 1-chlorooctadecane (SURR)

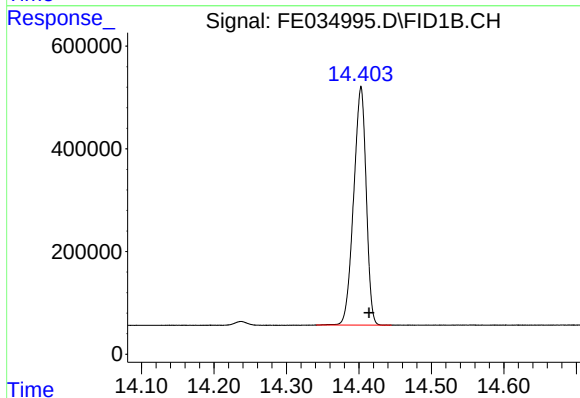
R.T.: 12.552 min
Delta R.T.: -0.011 min
Response: 4916496
Conc: 21.99 ug/ml



#13 n-Docosane (C22)

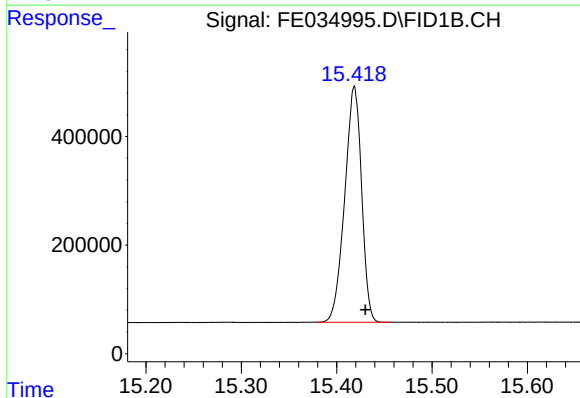
R.T.: 13.305 min
Delta R.T.: -0.010 min
Response: 5668744
Conc: 21.99 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



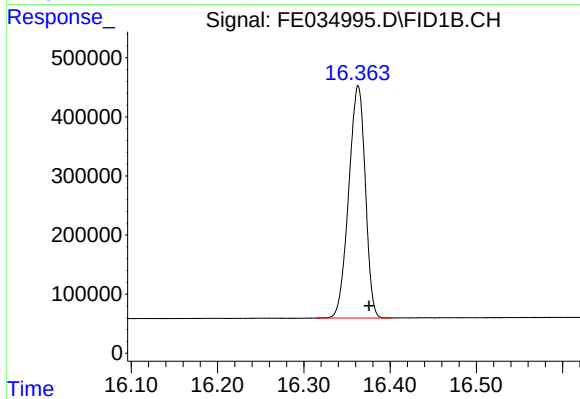
#14 n-Tetracosane (C24)

R.T.: 14.403 min
Delta R.T.: -0.011 min
Response: 5577528
Conc: 22.00 ug/ml



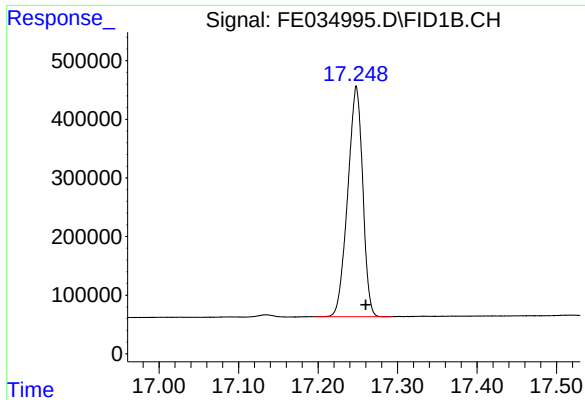
#15 n-Hexacosane (C26)

R.T.: 15.419 min
Delta R.T.: -0.012 min
Response: 5350867
Conc: 21.91 ug/ml



#16 n-Octacosane (C28)

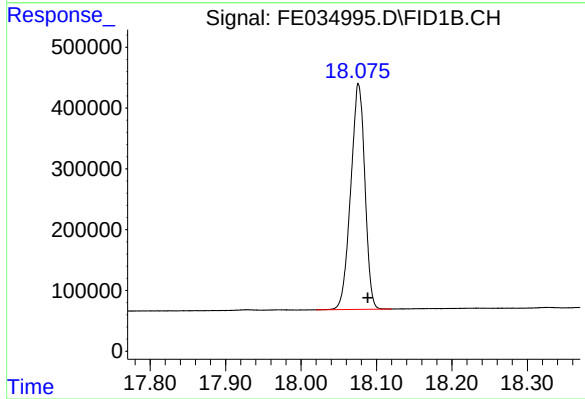
R.T.: 16.363 min
Delta R.T.: -0.012 min
Response: 5251054
Conc: 22.07 ug/ml



#17 n-Tricontane (C30)

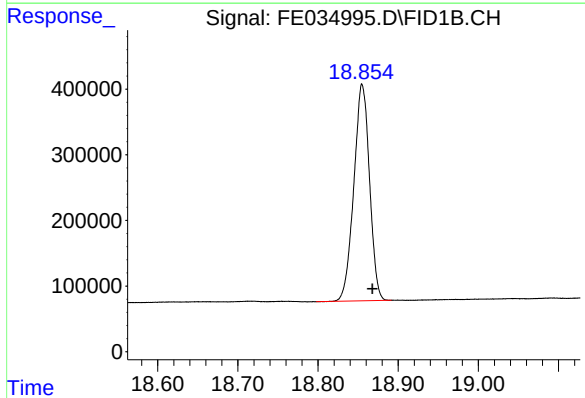
R.T.: 17.248 min
Delta R.T.: -0.012 min
Response: 5148128
Conc: 22.38 ug/ml

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20 PPM ALIPHATIC HC STD



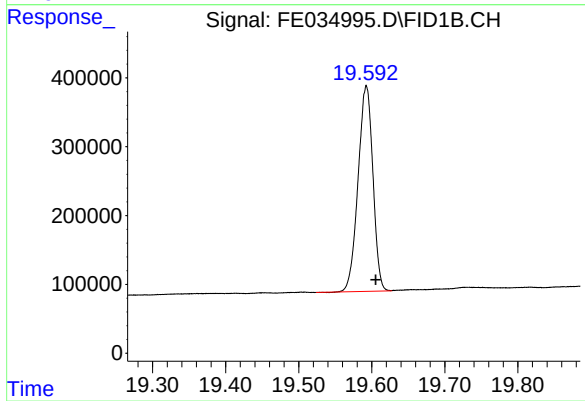
#18 n-Dotriacontane (C32)

R.T.: 18.076 min
Delta R.T.: -0.012 min
Response: 4832945
Conc: 22.61 ug/ml



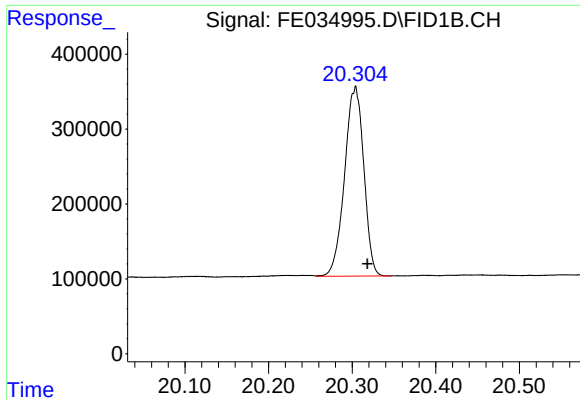
#19 n-Tetratriacontane (C34)

R.T.: 18.855 min
Delta R.T.: -0.013 min
Response: 4491692
Conc: 22.29 ug/ml



#20 n-Hexatriacontane (C36)

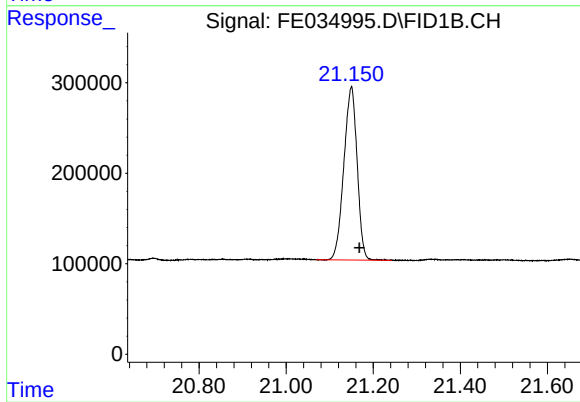
R.T.: 19.593 min
Delta R.T.: -0.013 min
Response: 4212364
Conc: 22.27 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.304 min
Delta R.T.: -0.014 min
Response: 4033289
Conc: 22.17 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 21.150 min
Delta R.T.: -0.018 min
Response: 4045589
Conc: 22.09 ug/ml