

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE020822AL\
 Data File : FE034886.D
 Signal(s) : FID1B.CH
 Acq On : 08 Feb 2022 21:24
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: sample.E
 Quant Time: Feb 08 22:09:13 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	6041668	20.629 ug/ml
Spiked Amount 50.000		Recovery =	41.26%
12) S 1-chlorooctadecane (S...	12.565	4611493	20.626 ug/ml
Spiked Amount 50.000		Recovery =	41.25%
Target Compounds			
1) T n-Nonane (C9)	2.995	5226794	20.605 ug/ml
2) T n-Decane (C10)	4.013	5287657	20.601 ug/ml
3) T A~Naphthalene (C11.7)	5.571	5915939	20.622 ug/ml
4) T n-Dodecane (C12)	6.003	5299586	20.598 ug/ml
5) T A~2-methylnaphthalene...	6.619	5953733	20.577 ug/ml
6) T n-Tetradecane (C14)	7.789	5381933	20.576 ug/ml
7) T n-Hexadecane (C16)	9.384	5396856	20.581 ug/ml
8) T n-Octadecane (C18)	10.820	5487864	20.582 ug/ml
10) T n-Eicosane (C20)	12.124	5380896	20.604 ug/ml
11) T n-Heneicosane (C21)	12.734	5394250	20.591 ug/ml
13) T n-Docosane (C22)	13.318	5314520	20.616 ug/ml
14) T n-Tetracosane (C24)	14.416	5235791	20.650 ug/ml
15) T n-Hexacosane (C26)	15.432	5038708	20.635 ug/ml
16) T n-Octacosane (C28)	16.377	4899407	20.590 ug/ml
17) T n-Tricontane (C30)	17.261	4716430	20.508 ug/ml
18) T n-Dotriacontane (C32)	18.090	4370149	20.445 ug/ml
19) T n-Tetratriacontane (C34)	18.869	4128644	20.485 ug/ml
20) T n-Hexatriacontane (C36)	19.608	3878988	20.508 ug/ml
21) T n-Octatriacontane (C38)	20.320	3756242	20.647 ug/ml
22) T n-Tetracontane (C40)	21.171	3822288	20.866 ug/ml

(f)=RT Delta > 1/2 Window

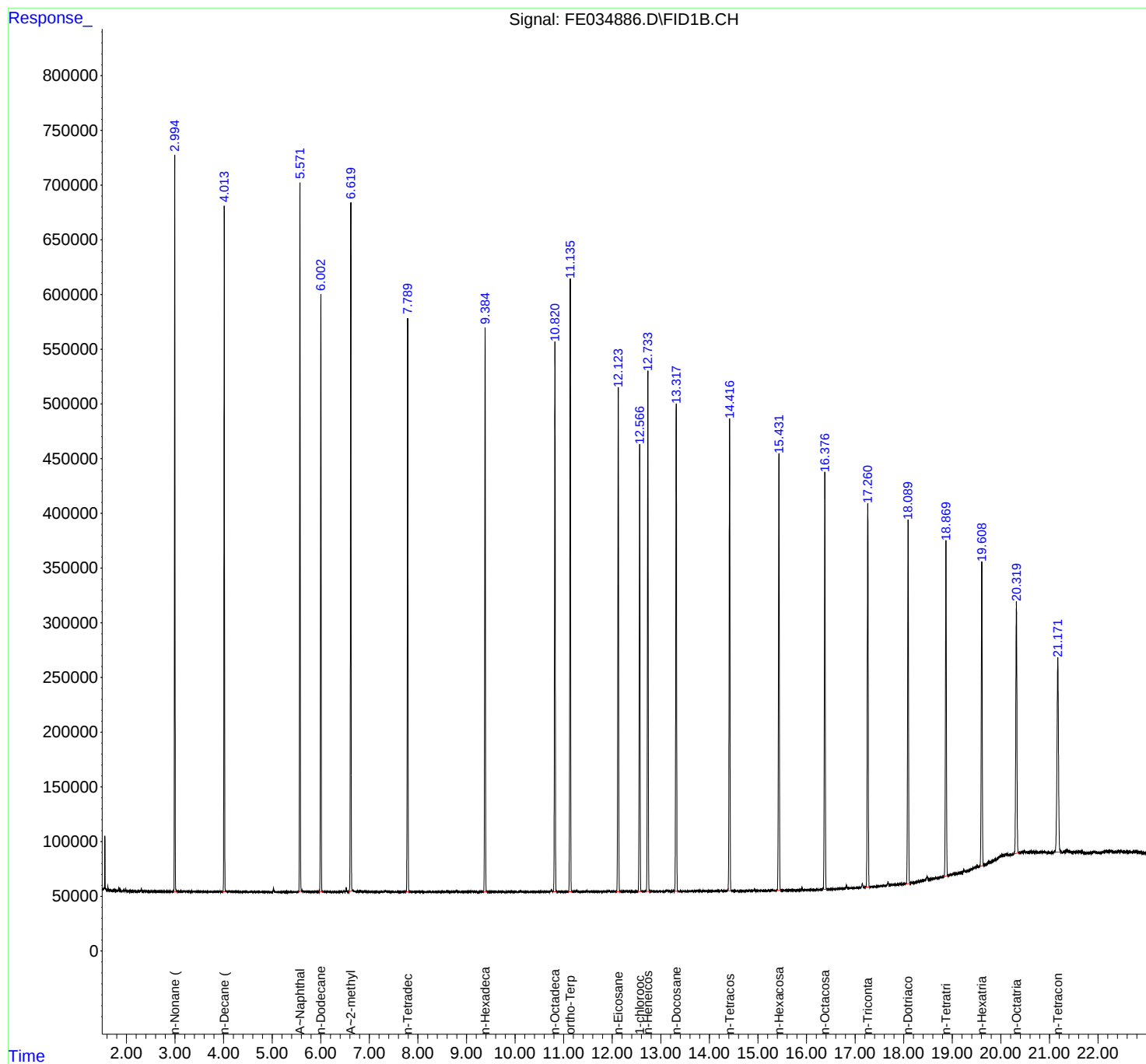
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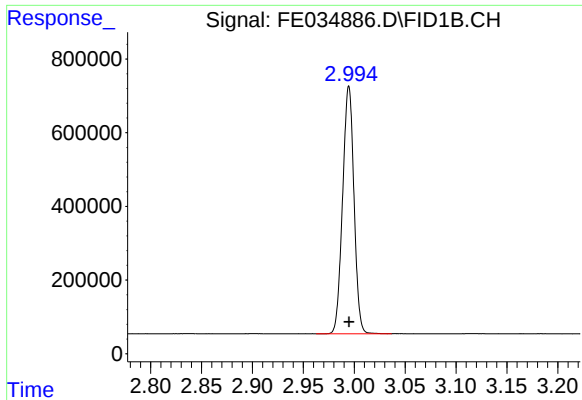
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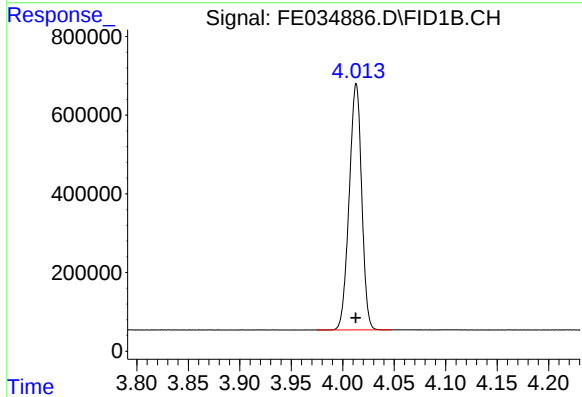




#1 n-Nonane (C9)

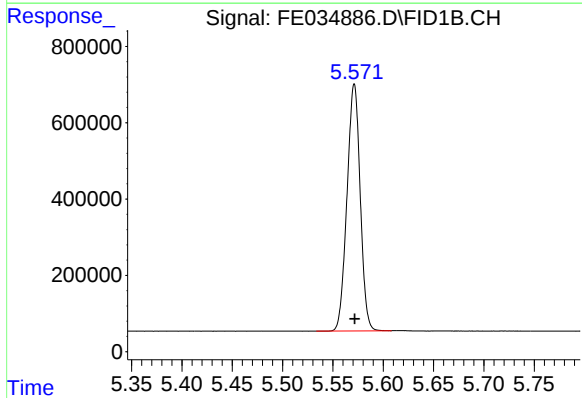
R.T.: 2.995 min
Delta R.T.: 0.000 min
Response: 5226794
Conc: 20.61 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



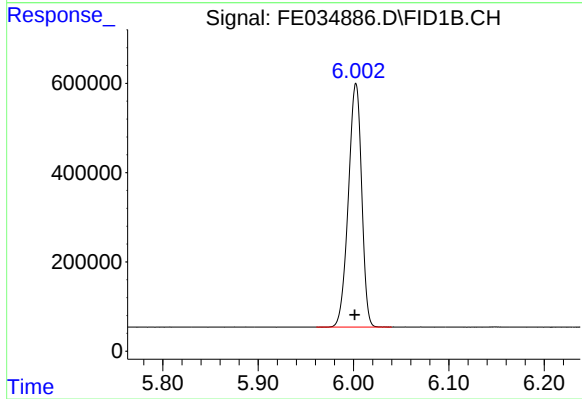
#2 n-Decane (C10)

R.T.: 4.013 min
Delta R.T.: 0.000 min
Response: 5287657
Conc: 20.60 ug/ml



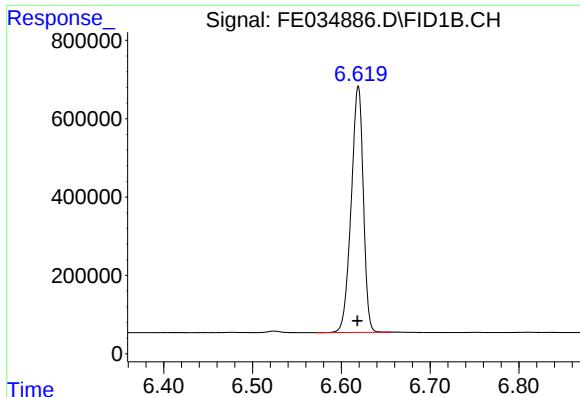
#3 A~Naphthalene (C11.7)

R.T.: 5.571 min
Delta R.T.: 0.000 min
Response: 5915939
Conc: 20.62 ug/ml



#4 n-Dodecane (C12)

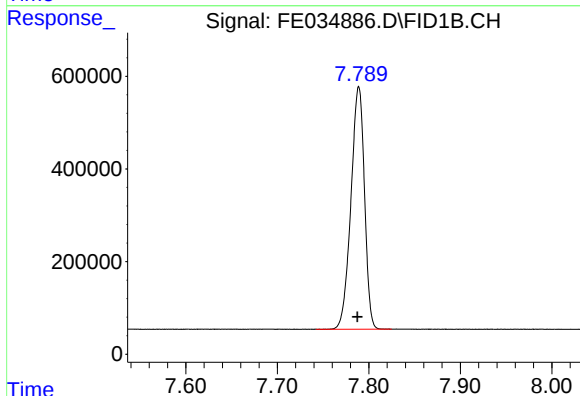
R.T.: 6.003 min
Delta R.T.: 0.001 min
Response: 5299586
Conc: 20.60 ug/ml



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

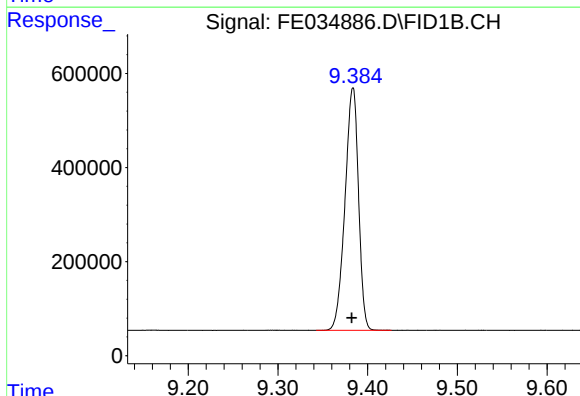
R.T.: 6.619 min
Delta R.T.: 0.001 min
Response: 5953733
Conc: 20.58 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



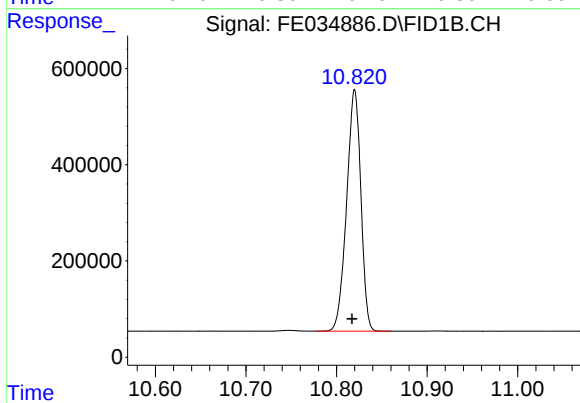
#6 n-Tetradecane (C14)

R.T.: 7.789 min
Delta R.T.: 0.001 min
Response: 5381933
Conc: 20.58 ug/ml



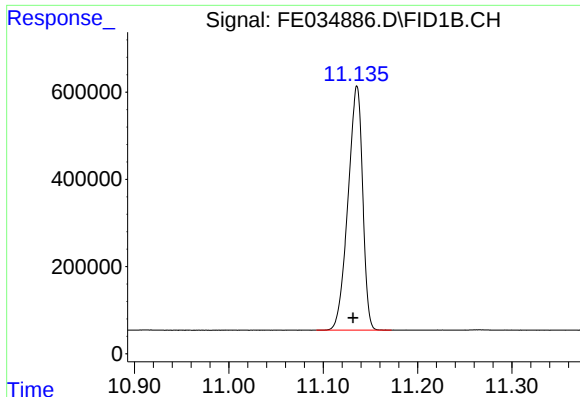
#7 n-Hexadecane (C16)

R.T.: 9.384 min
Delta R.T.: 0.001 min
Response: 5396856
Conc: 20.58 ug/ml



#8 n-Octadecane (C18)

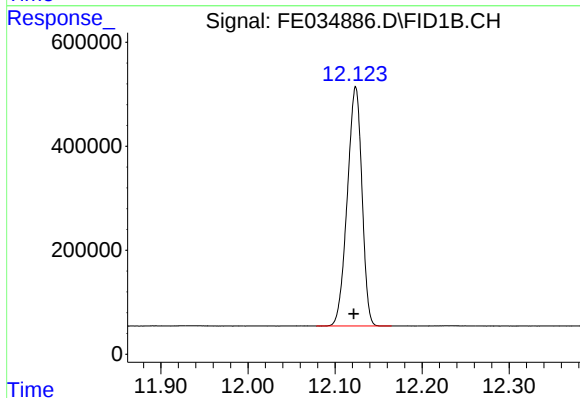
R.T.: 10.820 min
Delta R.T.: 0.003 min
Response: 5487864
Conc: 20.58 ug/ml



#9 ortho-Terphenyl (SURR)

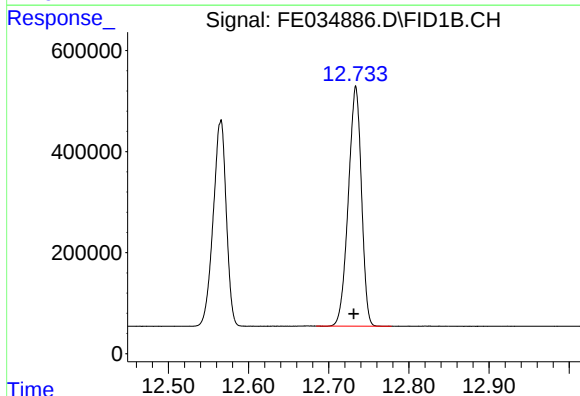
R.T.: 11.136 min
Delta R.T.: 0.004 min
Response: 6041668
Conc: 20.63 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



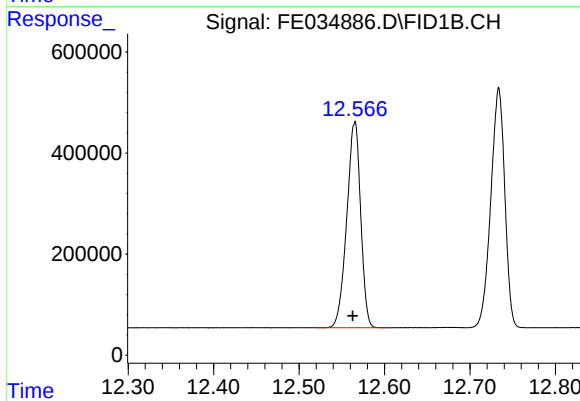
#10 n-Eicosane (C20)

R.T.: 12.124 min
Delta R.T.: 0.002 min
Response: 5380896
Conc: 20.60 ug/ml



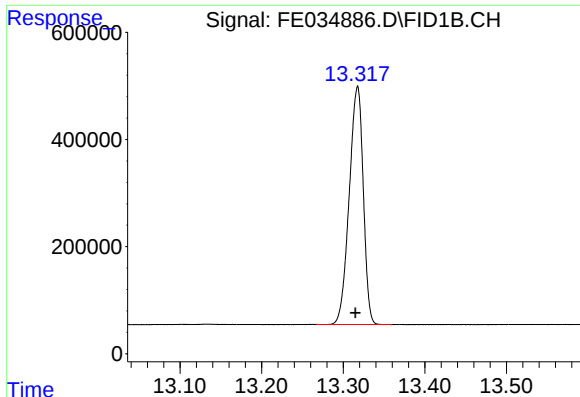
#11 n-Heneicosane (C21)

R.T.: 12.734 min
Delta R.T.: 0.003 min
Response: 5394250
Conc: 20.59 ug/ml



#12 1-chlorooctadecane (SURR)

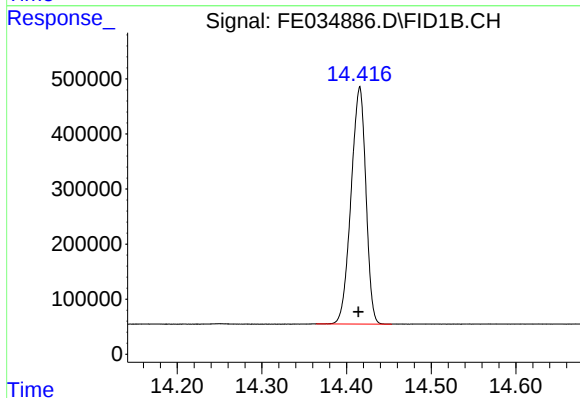
R.T.: 12.565 min
Delta R.T.: 0.002 min
Response: 4611493
Conc: 20.63 ug/ml



#13 n-Docosane (C22)

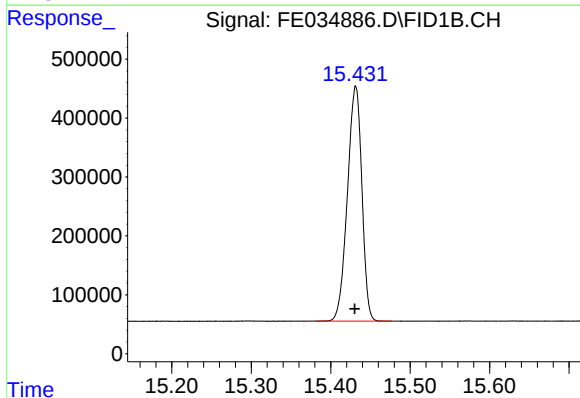
R.T.: 13.318 min
Delta R.T.: 0.003 min
Response: 5314520
Conc: 20.62 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



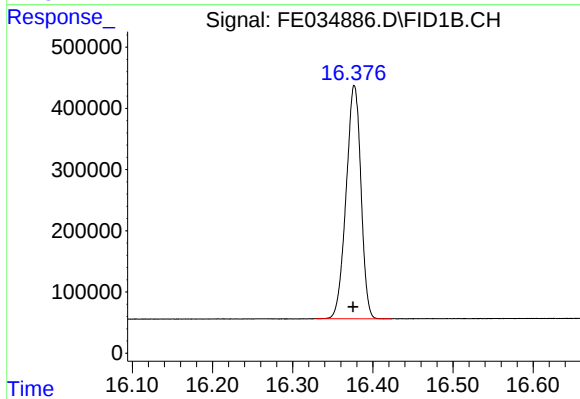
#14 n-Tetracosane (C24)

R.T.: 14.416 min
Delta R.T.: 0.002 min
Response: 5235791
Conc: 20.65 ug/ml



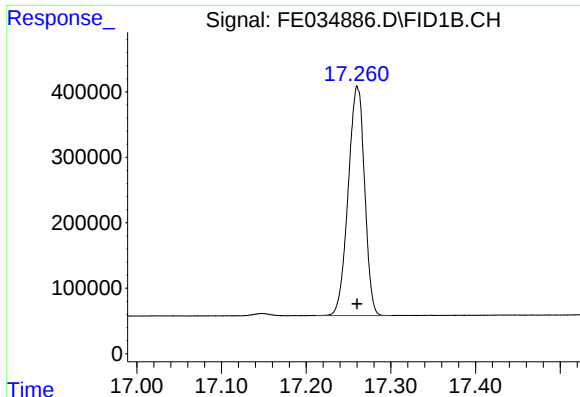
#15 n-Hexacosane (C26)

R.T.: 15.432 min
Delta R.T.: 0.001 min
Response: 5038708
Conc: 20.64 ug/ml



#16 n-Octacosane (C28)

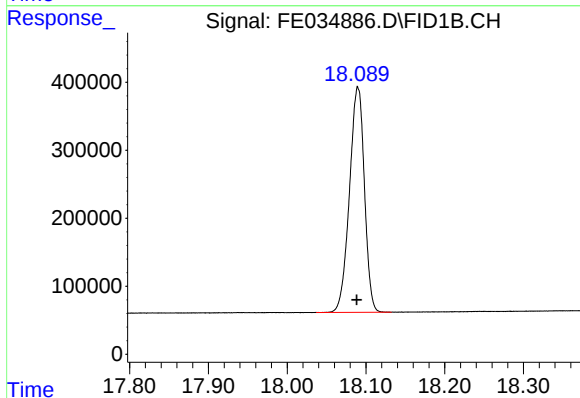
R.T.: 16.377 min
Delta R.T.: 0.001 min
Response: 4899407
Conc: 20.59 ug/ml



#17 n-Tricontane (C30)

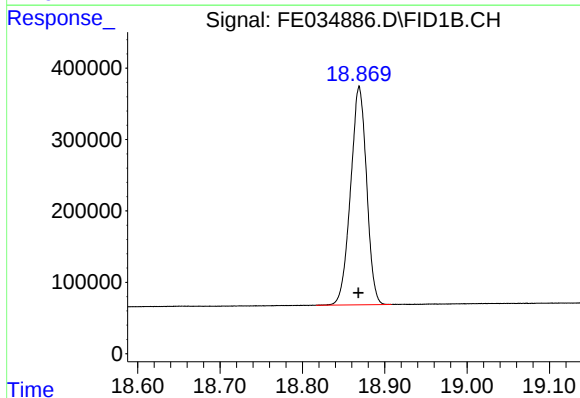
R.T.: 17.261 min
Delta R.T.: 0.000 min
Response: 4716430
Conc: 20.51 ug/ml

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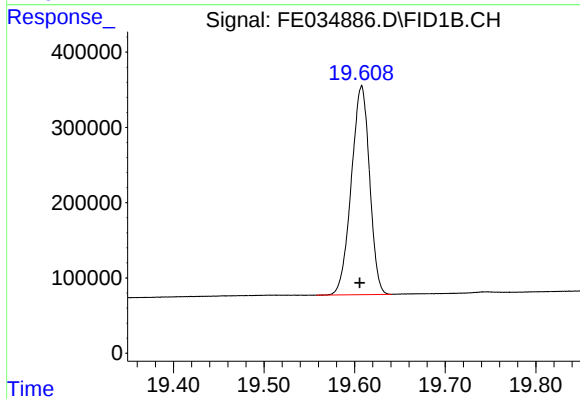
#18 n-Dotriacontane (C32)

R.T.: 18.090 min
Delta R.T.: 0.002 min
Response: 4370149
Conc: 20.44 ug/ml



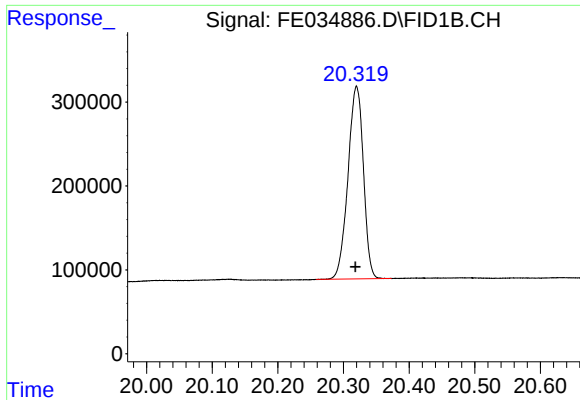
#19 n-Tetratriacontane (C34)

R.T.: 18.869 min
Delta R.T.: 0.001 min
Response: 4128644
Conc: 20.49 ug/ml



#20 n-Hexatriacontane (C36)

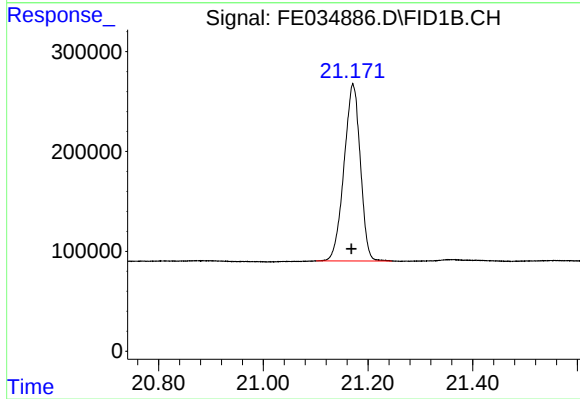
R.T.: 19.608 min
Delta R.T.: 0.002 min
Response: 3878988
Conc: 20.51 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.320 min
Delta R.T.: 0.002 min
Response: 3756242
Conc: 20.65 ug/ml

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20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 21.171 min
Delta R.T.: 0.003 min
Response: 3822288
Conc: 20.87 ug/ml