

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF103124AL\
 Data File : FF014884.D
 Signal(s) : FID2B.ch
 Acq On : 31 Oct 2024 19:54
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: sample.E
 Quant Time: Nov 01 02:14:37 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aliphatic EPH 102124.M
 Quant Title : GC Extractables
 QLast Update : Tue Oct 22 05:46:44 2024
 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)	11.926	3186766	20.899 ug/ml
Spiked Amount 50.000		Recovery =	41.80%
12) S 1-chlorooctadecane (S...	13.360	2452136	20.411 ug/ml
Spiked Amount 50.000		Recovery =	40.82%
Target Compounds			
1) T n-Nonane (C9)	3.323	2820665	22.418 ug/ml
2) T n-Decane (C10)	4.572	2881042	22.535 ug/ml
3) T A~Naphthalene (C11.7)	6.270	3169359	22.560 ug/ml
4) T n-Dodecane (C12)	6.733	2921660	22.659 ug/ml
5) T A~2-methylnaphthalene...	7.364	3070058	22.468 ug/ml
6) T n-Tetradecane (C14)	8.558	2909572	22.584 ug/ml
7) T n-Hexadecane (C16)	10.164	2998568	22.229 ug/ml
8) T n-Octadecane (C18)	11.607	3025720	21.748 ug/ml
10) T n-Eicosane (C20)	12.916	2873659	20.961 ug/ml
11) T n-Heneicosane (C21)	13.529	2812898	20.592 ug/ml
13) T n-Docosane (C22)	14.115	2772283	20.183 ug/ml
14) T n-Tetracosane (C24)	15.218	2707395	19.380 ug/ml
15) T n-Hexacosane (C26)	16.238	2597217	18.613 ug/ml
16) T n-Octacosane (C28)	17.188	2485084	17.999 ug/ml
17) T n-Tricontane (C30)	18.076	2478756	17.596 ug/ml
18) T n-Dotriacontane (C32)	18.908	2373862	17.113 ug/ml
19) T n-Tetratriacontane (C34)	19.692	2087492	17.779 ug/ml
20) T n-Hexatriacontane (C36)	20.431	1819055	18.055 ug/ml
21) T n-Octatriacontane (C38)	21.168	1748955	19.438 ug/ml
22) T n-Tetracontane (C40)	22.077	1778767	19.840 ug/ml

(f)=RT Delta > 1/2 Window

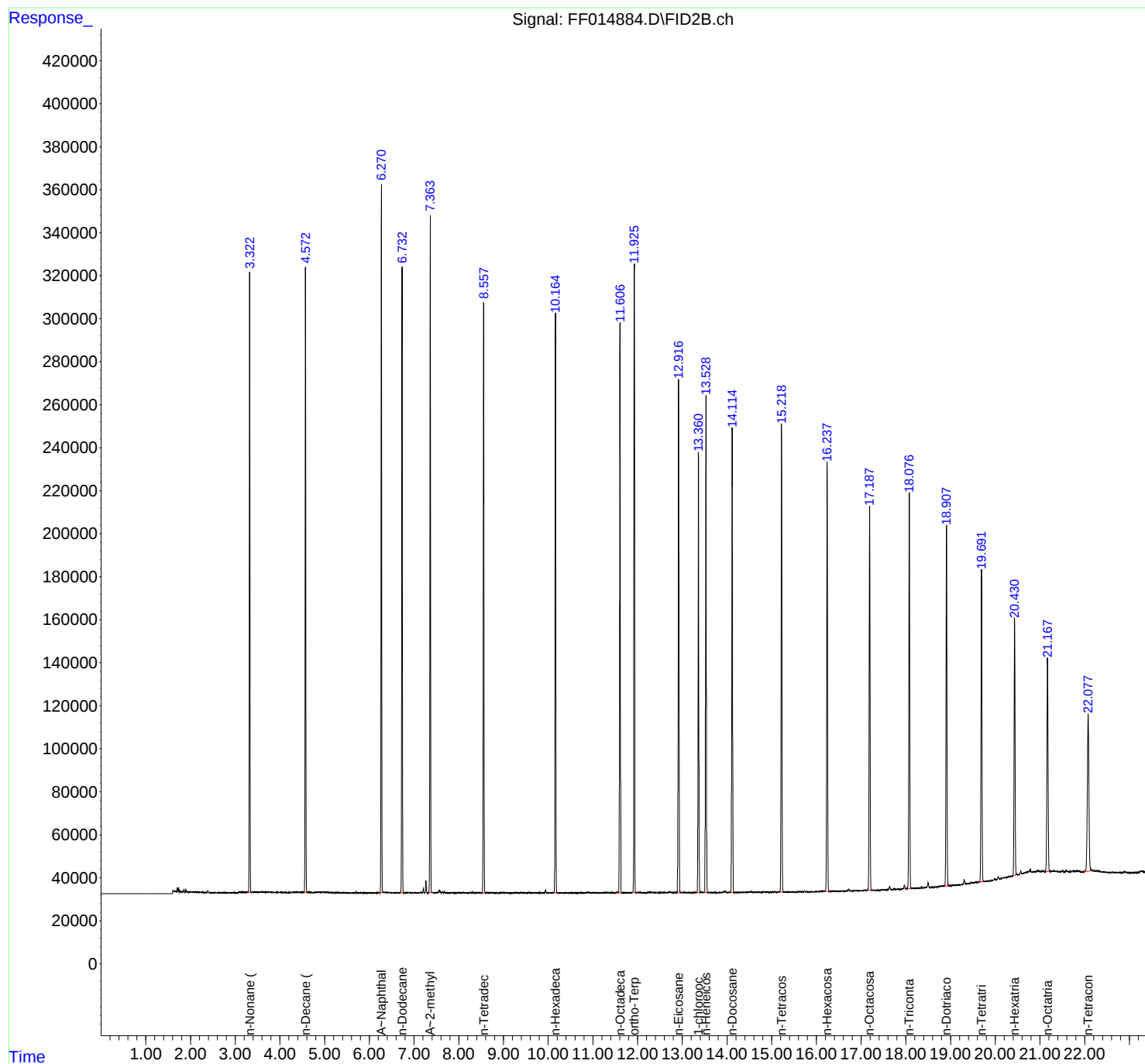
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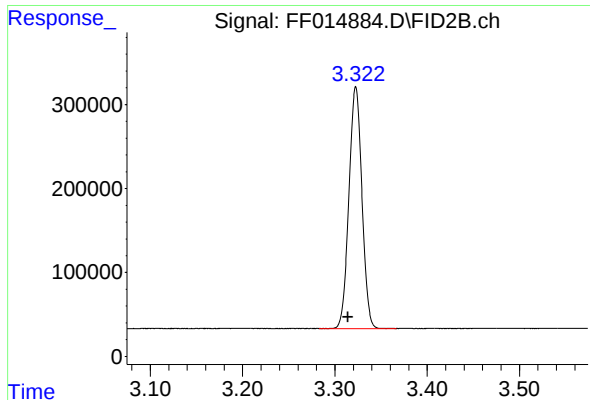
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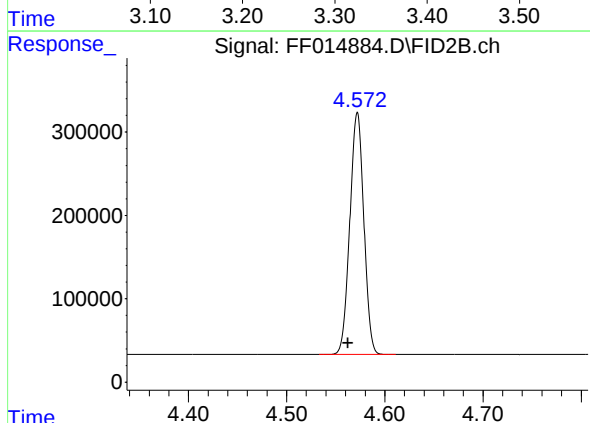




#1 n-Nonane (C9)

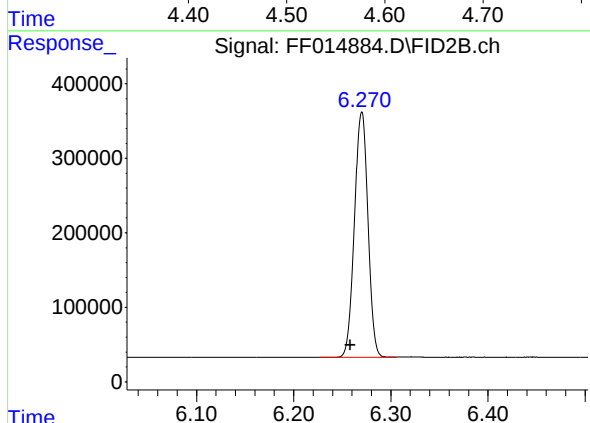
R.T.: 3.323 min
Delta R.T.: 0.009 min
Response: 2820665
Conc: 22.42 ug/ml

Instrument :
FID_F
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20 PPM ALIPHATIC HC STD



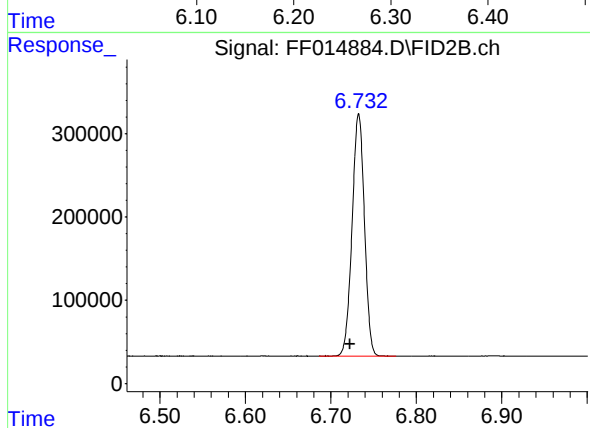
#2 n-Decane (C10)

R.T.: 4.572 min
Delta R.T.: 0.010 min
Response: 2881042
Conc: 22.53 ug/ml



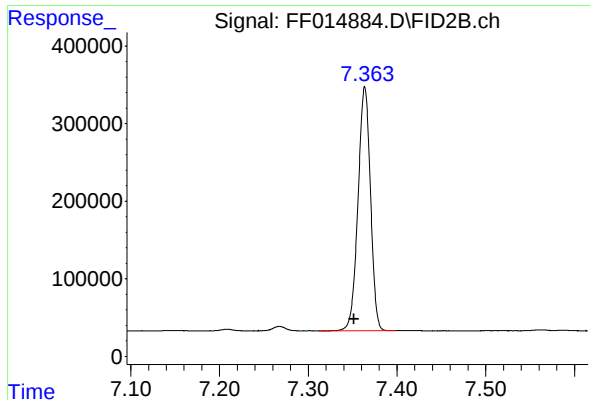
#3 A~Naphthalene (C11.7)

R.T.: 6.270 min
Delta R.T.: 0.012 min
Response: 3169359
Conc: 22.56 ug/ml



#4 n-Dodecane (C12)

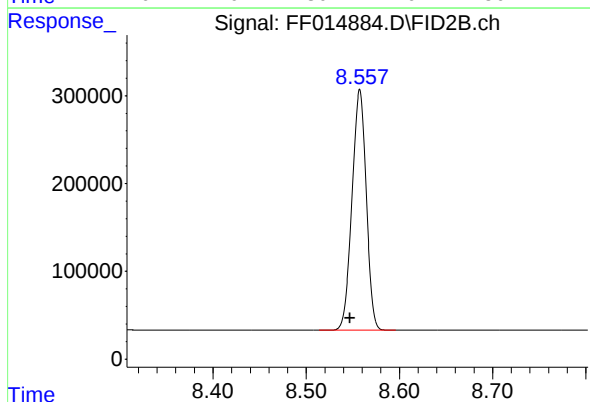
R.T.: 6.733 min
Delta R.T.: 0.010 min
Response: 2921660
Conc: 22.66 ug/ml



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

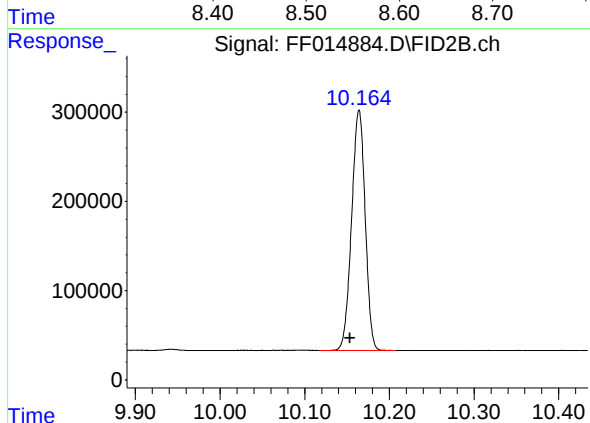
R.T.: 7.364 min
Delta R.T.: 0.012 min
Response: 3070058
Conc: 22.47 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



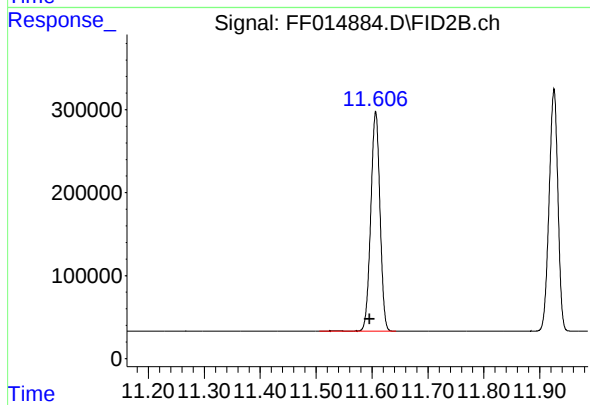
#6 n-Tetradecane (C14)

R.T.: 8.558 min
Delta R.T.: 0.010 min
Response: 2909572
Conc: 22.58 ug/ml



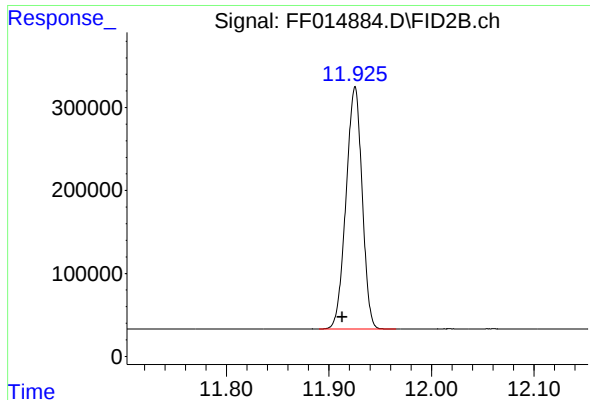
#7 n-Hexadecane (C16)

R.T.: 10.164 min
Delta R.T.: 0.011 min
Response: 2998568
Conc: 22.23 ug/ml



#8 n-Octadecane (C18)

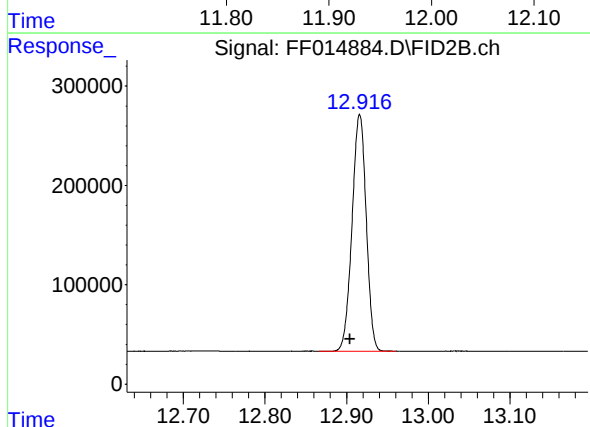
R.T.: 11.607 min
Delta R.T.: 0.011 min
Response: 3025720
Conc: 21.75 ug/ml



#9 ortho-Terphenyl (SURR)

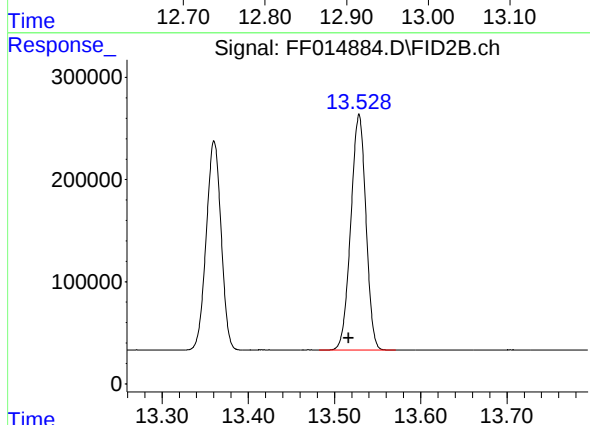
R.T.: 11.926 min
Delta R.T.: 0.012 min
Response: 3186766
Conc: 20.90 ug/ml

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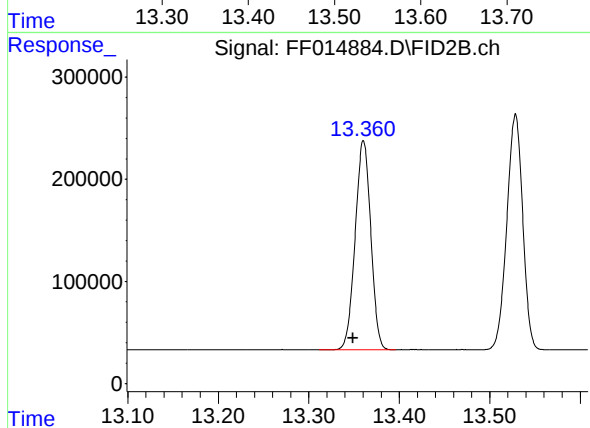
#10 n-Eicosane (C20)

R.T.: 12.916 min
Delta R.T.: 0.012 min
Response: 2873659
Conc: 20.96 ug/ml



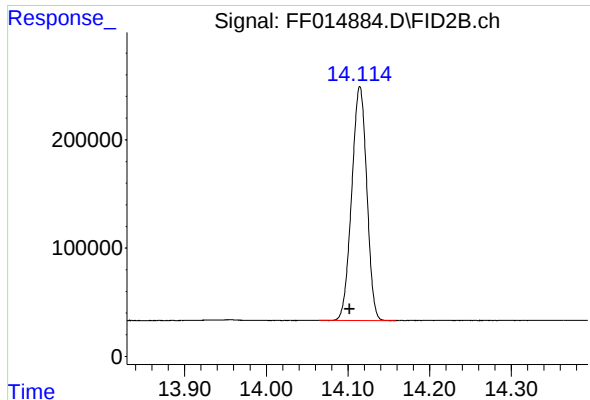
#11 n-Heneicosane (C21)

R.T.: 13.529 min
Delta R.T.: 0.012 min
Response: 2812898
Conc: 20.59 ug/ml



#12 1-chlorooctadecane (SURR)

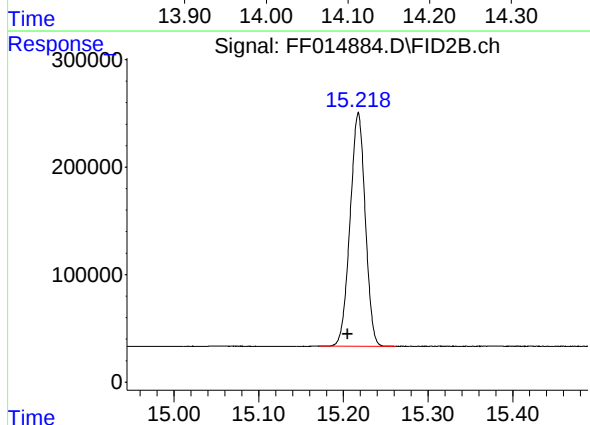
R.T.: 13.360 min
Delta R.T.: 0.011 min
Response: 2452136
Conc: 20.41 ug/ml



#13 n-Docosane (C22)

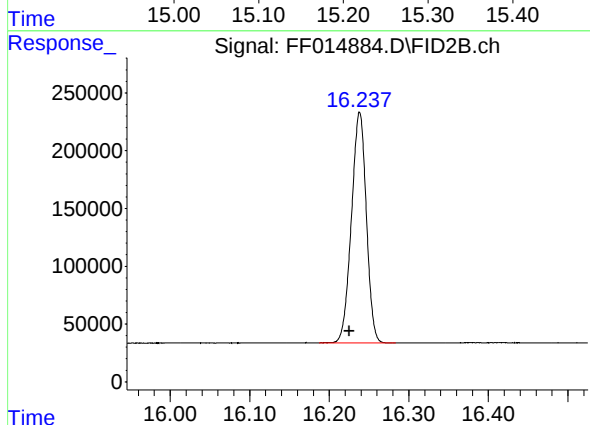
R.T.: 14.115 min
Delta R.T.: 0.013 min
Response: 2772283
Conc: 20.18 ug/ml

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20 PPM ALIPHATIC HC STD



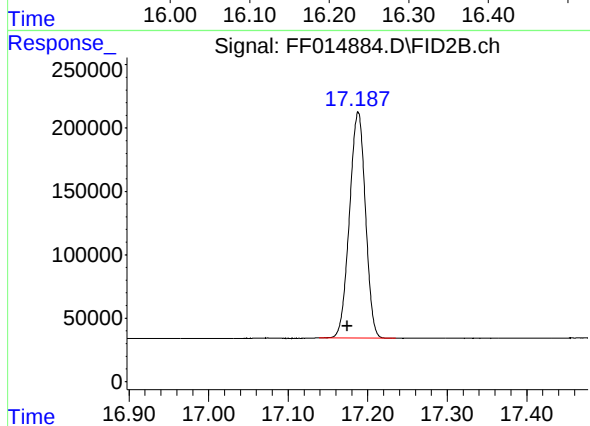
#14 n-Tetracosane (C24)

R.T.: 15.218 min
Delta R.T.: 0.013 min
Response: 2707395
Conc: 19.38 ug/ml



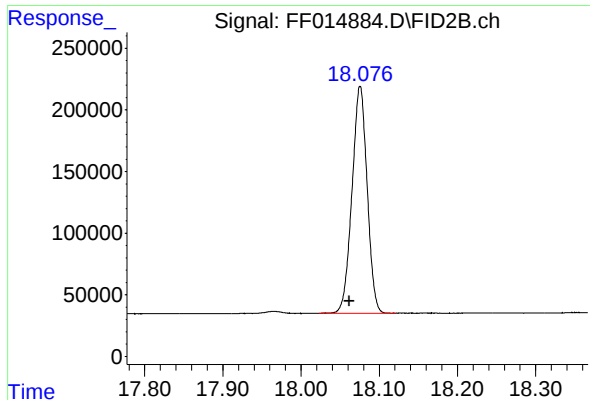
#15 n-Hexacosane (C26)

R.T.: 16.238 min
Delta R.T.: 0.013 min
Response: 2597217
Conc: 18.61 ug/ml



#16 n-Octacosane (C28)

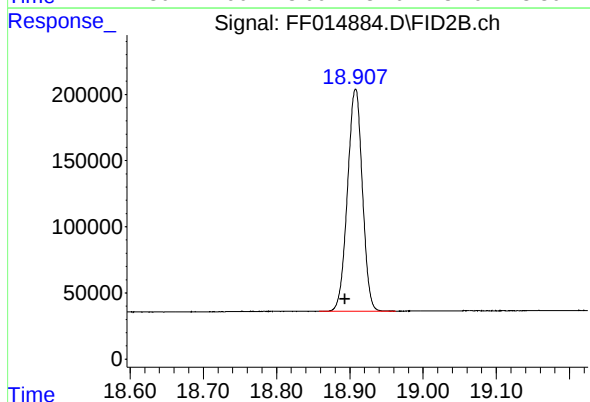
R.T.: 17.188 min
Delta R.T.: 0.014 min
Response: 2485084
Conc: 18.00 ug/ml



#17 n-Tricontane (C30)

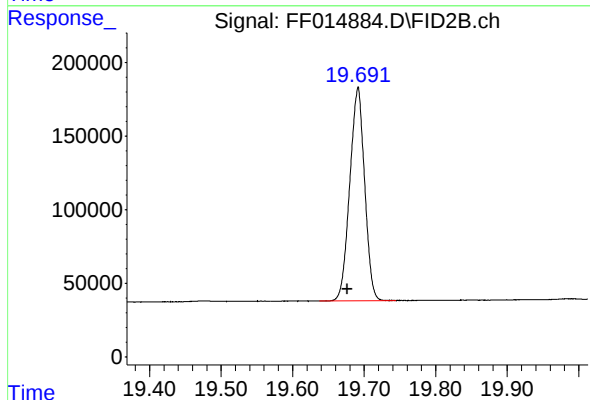
R.T.: 18.076 min
Delta R.T.: 0.014 min
Response: 2478756
Conc: 17.60 ug/ml

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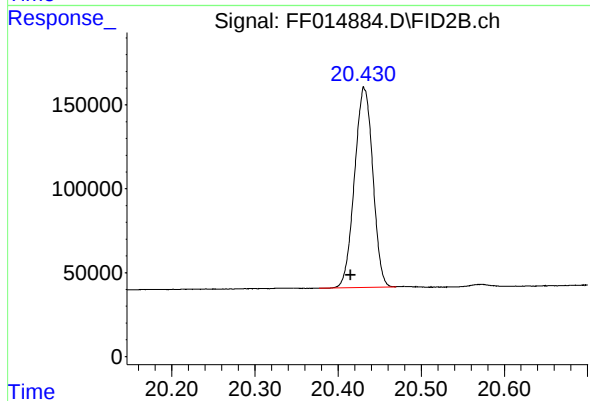
#18 n-Dotriacontane (C32)

R.T.: 18.908 min
Delta R.T.: 0.015 min
Response: 2373862
Conc: 17.11 ug/ml



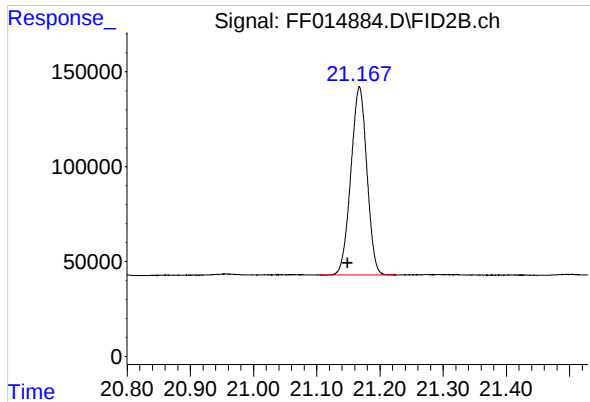
#19 n-Tetatriacontane (C34)

R.T.: 19.692 min
Delta R.T.: 0.015 min
Response: 2087492
Conc: 17.78 ug/ml



#20 n-Hexatriacontane (C36)

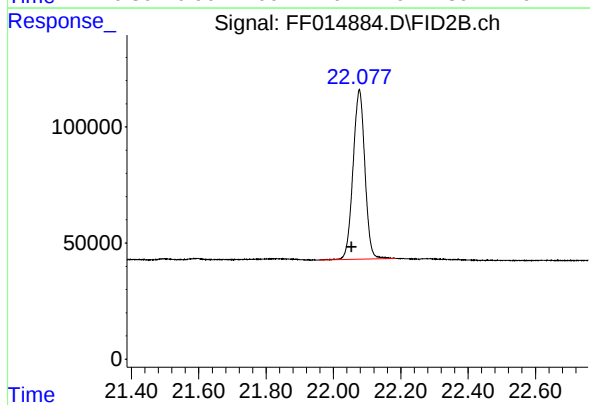
R.T.: 20.431 min
Delta R.T.: 0.016 min
Response: 1819055
Conc: 18.06 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.168 min
Delta R.T.: 0.019 min
Response: 1748955
Conc: 19.44 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.077 min
Delta R.T.: 0.023 min
Response: 1778767
Conc: 19.84 ug/ml