

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE052223AL\
 Data File : FE042097.D
 Signal(s) : FID1B.ch
 Acq On : 22 May 2023 08:48
 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: autoint1.e
 Quant Time: May 23 01:09:15 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 051823.M
 Quant Title : GC Extractables
 QLast Update : Thu May 18 06:27:12 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)	11.959	3920489	22.203 ug/ml
Spiked Amount 50.000		Recovery =	44.41%
12) S 1-chlorooctadecane (S...	13.395	2941451	22.136 ug/ml
Spiked Amount 50.000		Recovery =	44.27%
Target Compounds			
1) T n-Nonane (C9)	3.342	3040059	21.083 ug/ml
2) T n-Decane (C10)	4.593	3102054	20.955 ug/ml
3) T A~Naphthalene (C11.7)	6.299	3436987	21.065 ug/ml
4) T n-Dodecane (C12)	6.760	3158138	21.061 ug/ml
5) T A~2-methylnaphthalene...	7.395	3347606	21.094 ug/ml
6) T n-Tetradecane (C14)	8.589	3168330	21.149 ug/ml
7) T n-Hexadecane (C16)	10.197	3339721	21.440 ug/ml
8) T n-Octadecane (C18)	11.640	3438729	21.746 ug/ml
10) T n-Eicosane (C20)	12.950	3352370	22.116 ug/ml
11) T n-Heneicosane (C21)	13.562	3306781	22.320 ug/ml
13) T n-Docosane (C22)	14.147	3295196	22.478 ug/ml
14) T n-Tetracosane (C24)	15.251	3267897	22.638 ug/ml
15) T n-Hexacosane (C26)	16.272	3173433	22.913 ug/ml
16) T n-Octacosane (C28)	17.221	3051954	22.796 ug/ml
17) T n-Tricontane (C30)	18.109	3049148	22.588 ug/ml
18) T n-Dotriacontane (C32)	18.940	2925412	21.898 ug/ml
19) T n-Tetratriacontane (C34)	19.723	2737895	20.819 ug/ml
20) T n-Hexatriacontane (C36)	20.463	2506150	19.282 ug/ml
21) T n-Octatriacontane (C38)	21.212	2498773	18.418 ug/ml
22) T n-Tetracontane (C40)	22.145	2450667	17.616 ug/ml

(f)=RT Delta > 1/2 Window

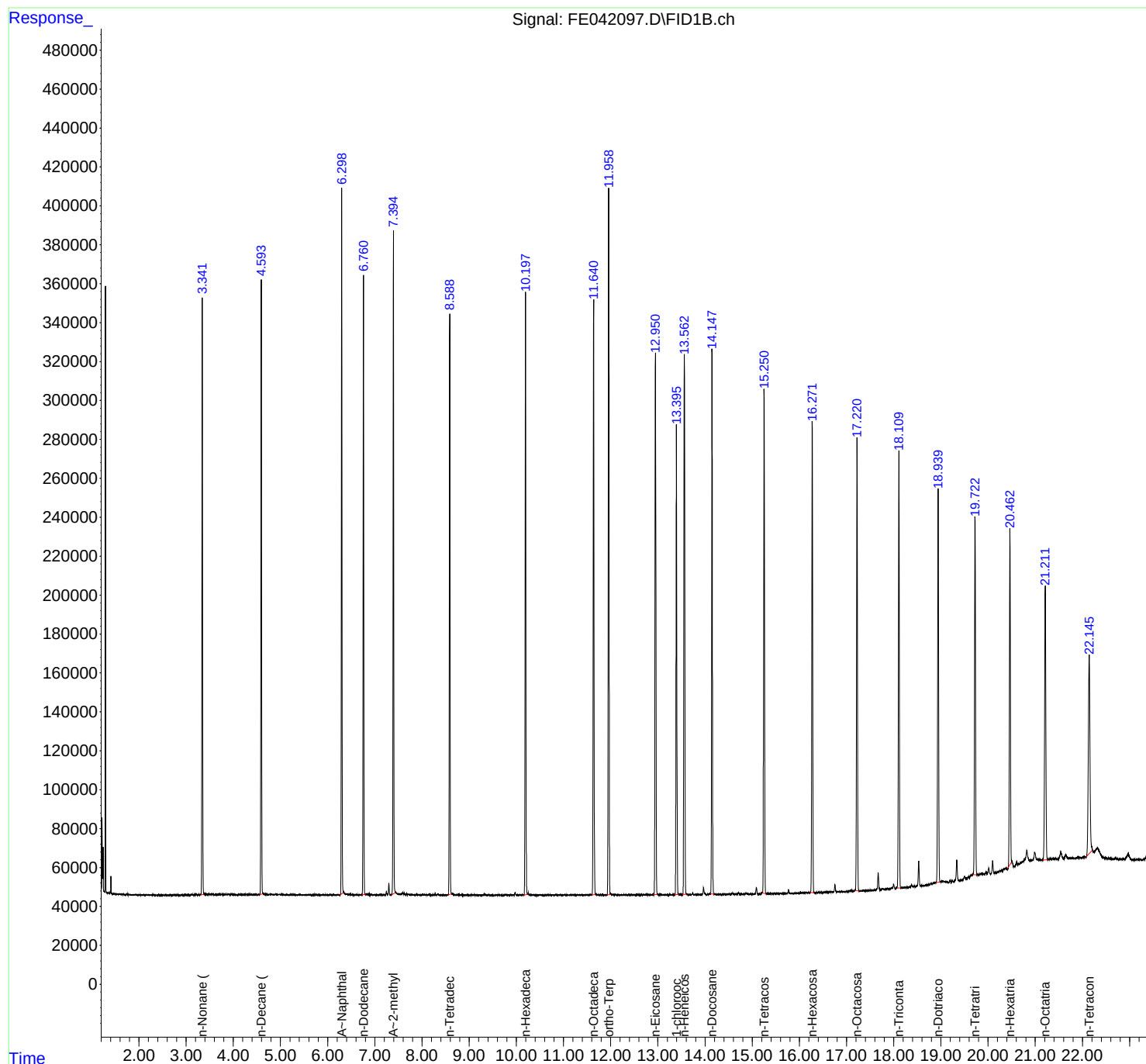
(m)=manual int.

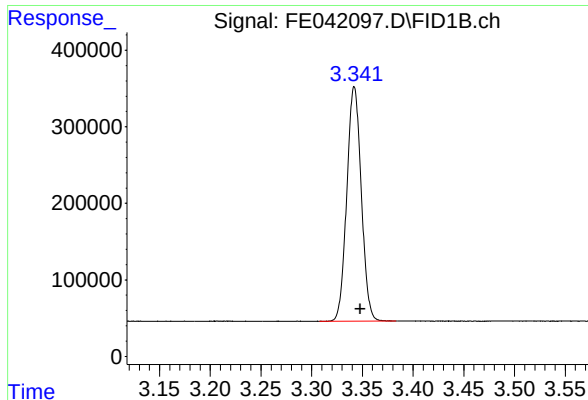
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE052223AL\
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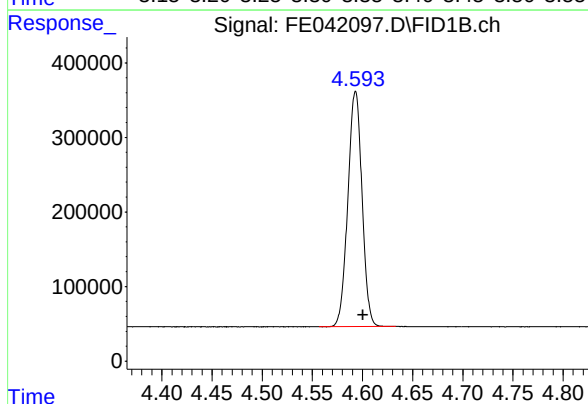




#1 n-Nonane (C9)

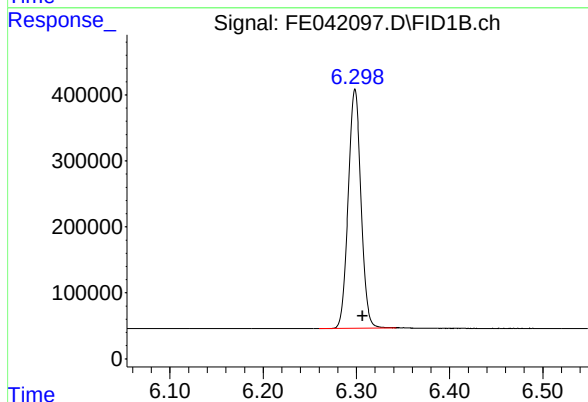
R.T.: 3.342 min
Delta R.T.: -0.006 min
Response: 3040059
Conc: 21.08 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



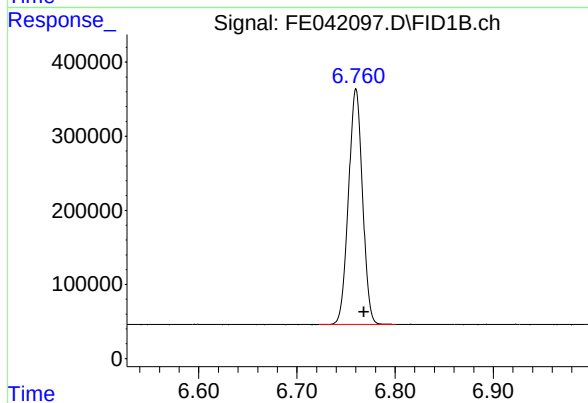
#2 n-Decane (C10)

R.T.: 4.593 min
Delta R.T.: -0.007 min
Response: 3102054
Conc: 20.95 ug/ml



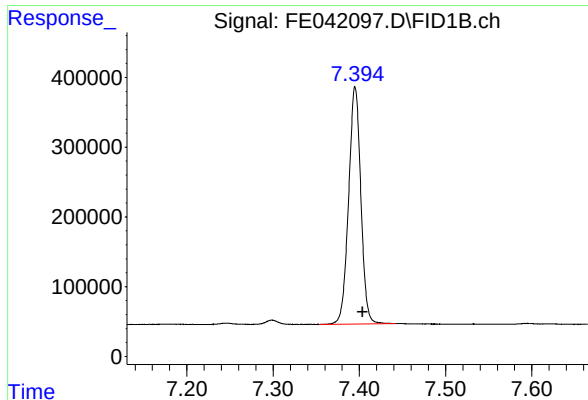
#3 A~Naphthalene (C11.7)

R.T.: 6.299 min
Delta R.T.: -0.008 min
Response: 3436987
Conc: 21.07 ug/ml



#4 n-Dodecane (C12)

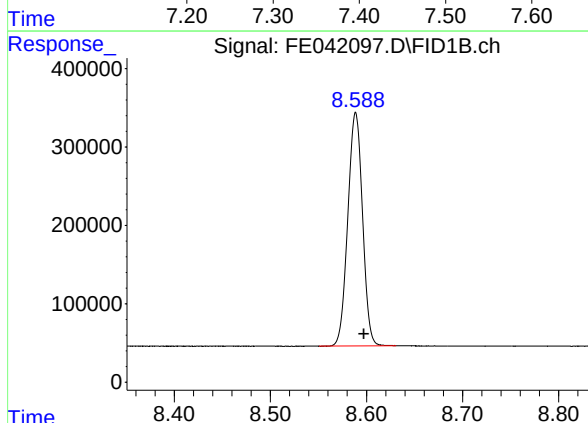
R.T.: 6.760 min
Delta R.T.: -0.008 min
Response: 3158138
Conc: 21.06 ug/ml



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

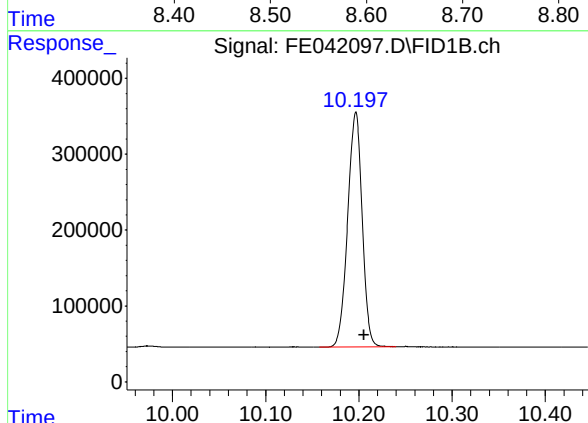
R.T.: 7.395 min
Delta R.T.: -0.008 min
Response: 3347606
Conc: 21.09 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



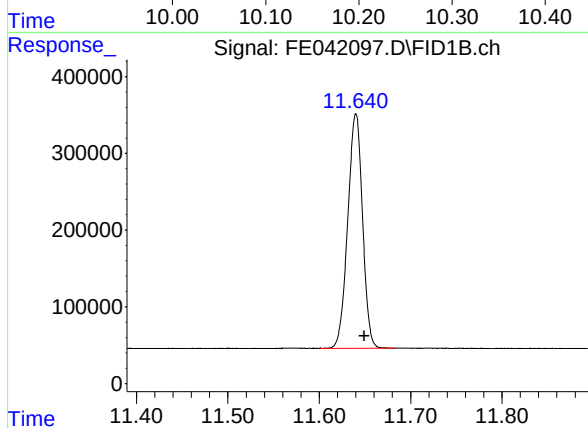
#6 n-Tetradecane (C14)

R.T.: 8.589 min
Delta R.T.: -0.008 min
Response: 3168330
Conc: 21.15 ug/ml



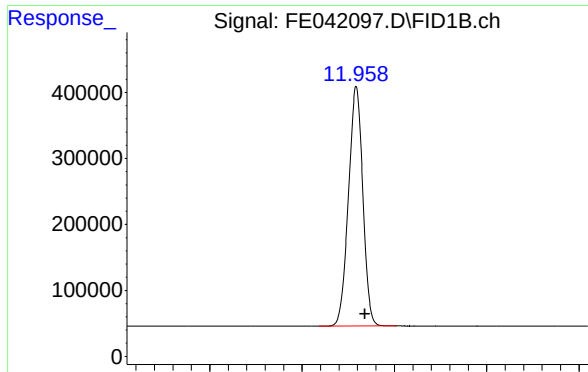
#7 n-Hexadecane (C16)

R.T.: 10.197 min
Delta R.T.: -0.008 min
Response: 3339721
Conc: 21.44 ug/ml



#8 n-Octadecane (C18)

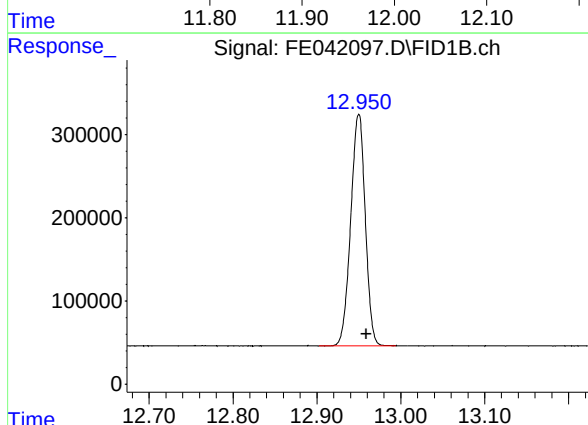
R.T.: 11.640 min
Delta R.T.: -0.009 min
Response: 3438729
Conc: 21.75 ug/ml



#9 ortho-Terphenyl (SURR)

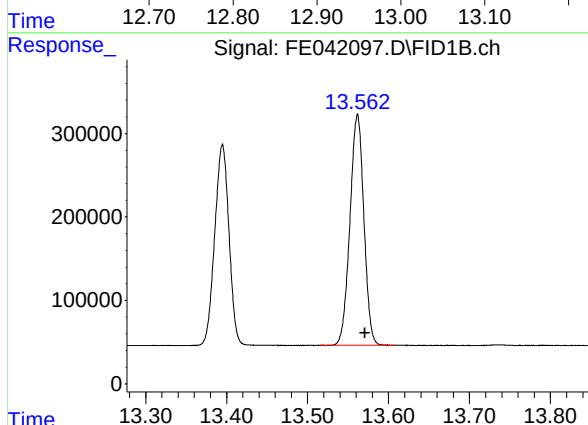
R.T.: 11.959 min
Delta R.T.: -0.009 min
Response: 3920489
Conc: 22.20 ug/ml

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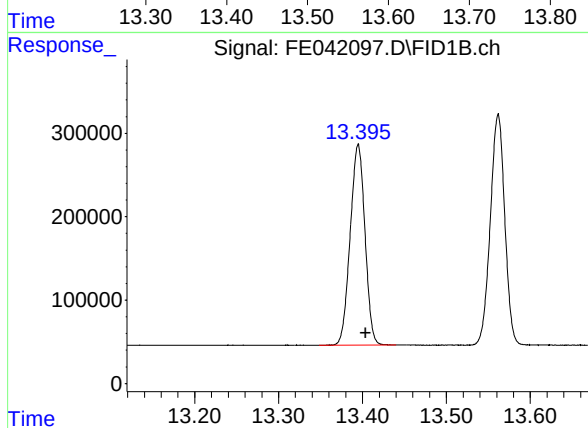
#10 n-Eicosane (C20)

R.T.: 12.950 min
Delta R.T.: -0.009 min
Response: 3352370
Conc: 22.12 ug/ml



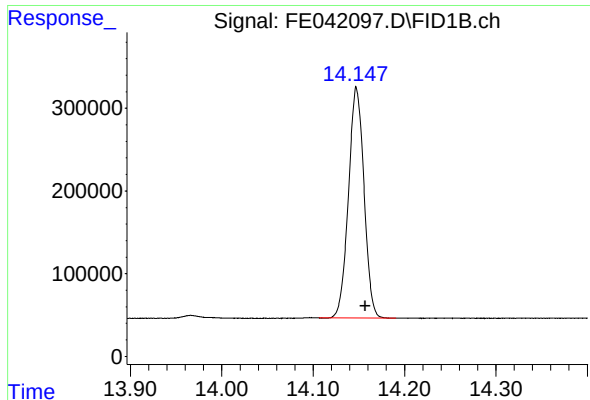
#11 n-Heneicosane (C21)

R.T.: 13.562 min
Delta R.T.: -0.009 min
Response: 3306781
Conc: 22.32 ug/ml



#12 1-chlorooctadecane (SURR)

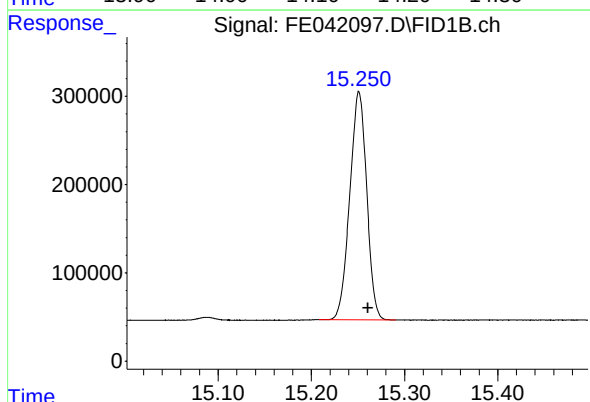
R.T.: 13.395 min
Delta R.T.: -0.009 min
Response: 2941451
Conc: 22.14 ug/ml



#13 n-Docosane (C22)

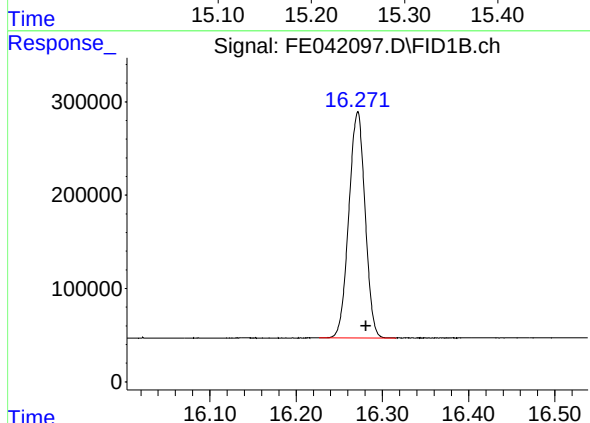
R.T.: 14.147 min
Delta R.T.: -0.010 min
Response: 3295196
Conc: 22.48 ug/ml

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20 PPM ALIPHATIC HC STD



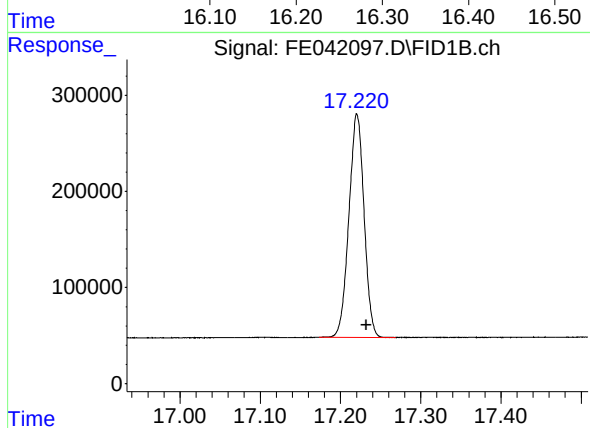
#14 n-Tetracosane (C24)

R.T.: 15.251 min
Delta R.T.: -0.010 min
Response: 3267897
Conc: 22.64 ug/ml



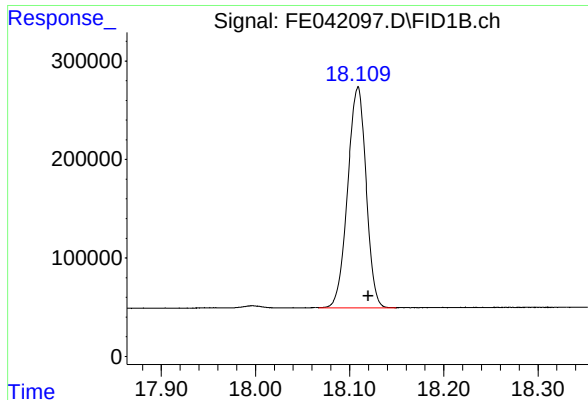
#15 n-Hexacosane (C26)

R.T.: 16.272 min
Delta R.T.: -0.009 min
Response: 3173433
Conc: 22.91 ug/ml



#16 n-Octacosane (C28)

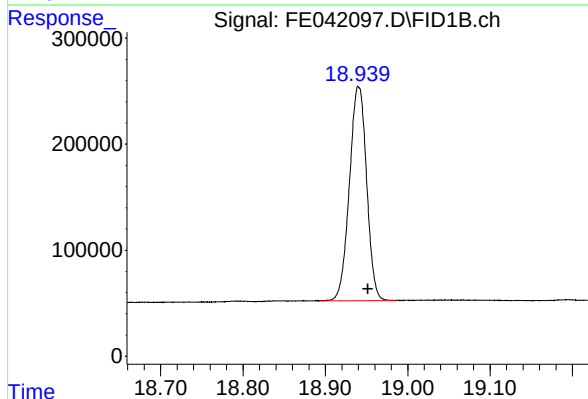
R.T.: 17.221 min
Delta R.T.: -0.012 min
Response: 3051954
Conc: 22.80 ug/ml



#17 n-Tricontane (C30)

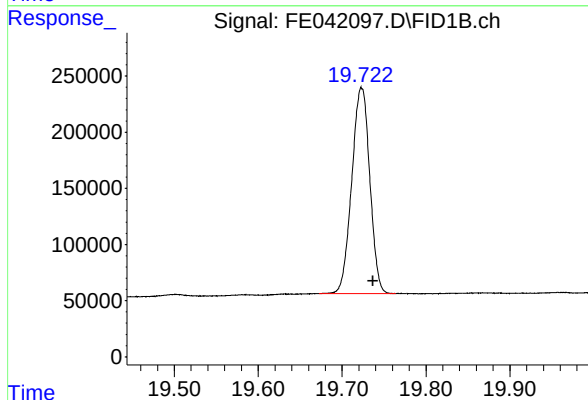
R.T.: 18.109 min
Delta R.T.: -0.011 min
Response: 3049148
Conc: 22.59 ug/ml

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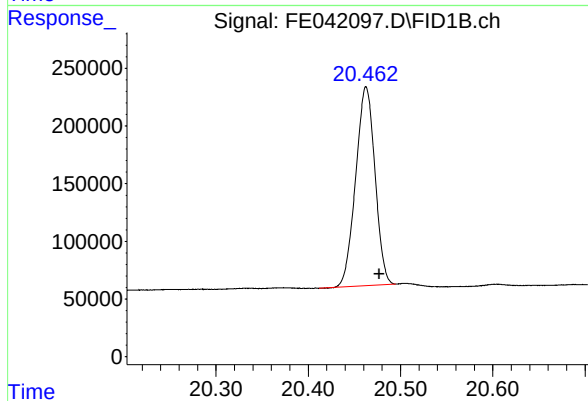
#18 n-Dotriacontane (C32)

R.T.: 18.940 min
Delta R.T.: -0.012 min
Response: 2925412
Conc: 21.90 ug/ml



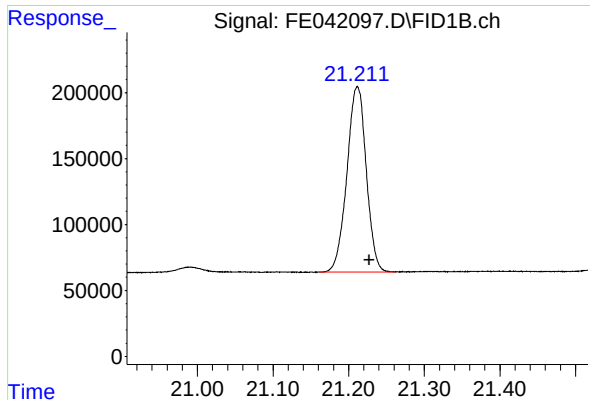
#19 n-Tetatriacontane (C34)

R.T.: 19.723 min
Delta R.T.: -0.013 min
Response: 2737895
Conc: 20.82 ug/ml



#20 n-Hexatriacontane (C36)

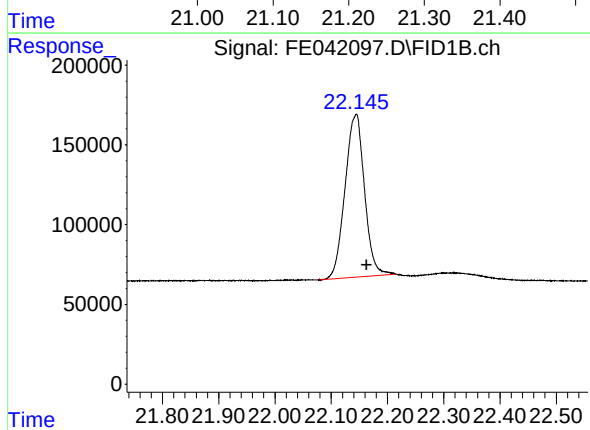
R.T.: 20.463 min
Delta R.T.: -0.014 min
Response: 2506150
Conc: 19.28 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.212 min
Delta R.T.: -0.016 min
Response: 2498773
Conc: 18.42 ug/ml

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20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 22.145 min
Delta R.T.: -0.018 min
Response: 2450667
Conc: 17.62 ug/ml