

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE082024AL\
 Data File : FE049684.D
 Signal(s) : FID1B.ch
 Acq On : 20 Aug 2024 19:33
 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: Aug 21 01:35:01 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 081424.M
 Quant Title : GC Extractables
 QLast Update : Wed Aug 14 11:05:17 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)	11.886	2944601	18.209 ug/ml
Spiked Amount 50.000		Recovery =	36.42%
12) S 1-chlorooctadecane (S...	13.321	2240737	18.366 ug/ml
Spiked Amount 50.000		Recovery =	36.73%
Target Compounds			
1) T n-Nonane (C9)	3.275	2593822	16.761 ug/ml
2) T n-Decane (C10)	4.525	2766923	17.524 ug/ml
3) T A~Naphthalene (C11.7)	6.233	2849025	17.756 ug/ml
4) T n-Dodecane (C12)	6.692	2813141	17.894 ug/ml
5) T A~2-methylnaphthalene...	7.329	2713793	18.122 ug/ml
6) T n-Tetradecane (C14)	8.520	2763678	17.902 ug/ml
7) T n-Hexadecane (C16)	10.126	2826462	18.097 ug/ml
8) T n-Octadecane (C18)	11.569	2851085	18.154 ug/ml
10) T n-Eicosane (C20)	12.876	2725829	18.257 ug/ml
11) T n-Heneicosane (C21)	13.488	2674028	18.228 ug/ml
13) T n-Docosane (C22)	14.074	2653623	18.206 ug/ml
14) T n-Tetracosane (C24)	15.175	2675465	18.392 ug/ml
15) T n-Hexacosane (C26)	16.195	2641973	18.306 ug/ml
16) T n-Octacosane (C28)	17.144	2743635	19.048 ug/ml
17) T n-Tricontane (C30)	18.030	2990734	19.978 ug/ml
18) T n-Dotriacontane (C32)	18.863	3112573	20.575 ug/ml
19) T n-Tetratriacontane (C34)	19.646	3098750	20.269 ug/ml
20) T n-Hexatriacontane (C36)	20.385	2989409	19.686 ug/ml
21) T n-Octatriacontane (C38)	21.114	2952303	18.810 ug/ml
22) T n-Tetracontane (C40)	22.010	2848542	18.657 ug/ml

(f)=RT Delta > 1/2 Window

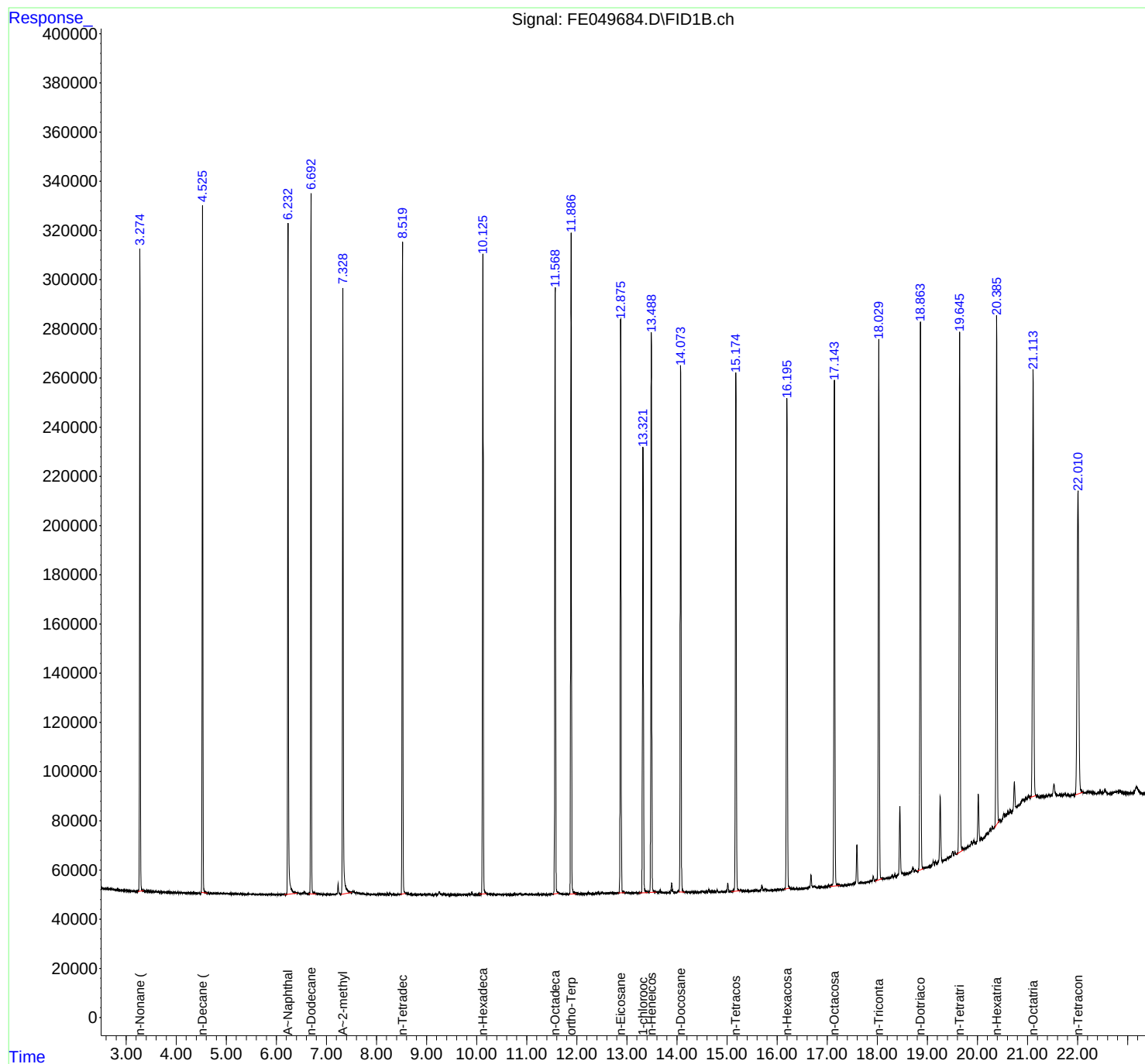
(m)=manual int.

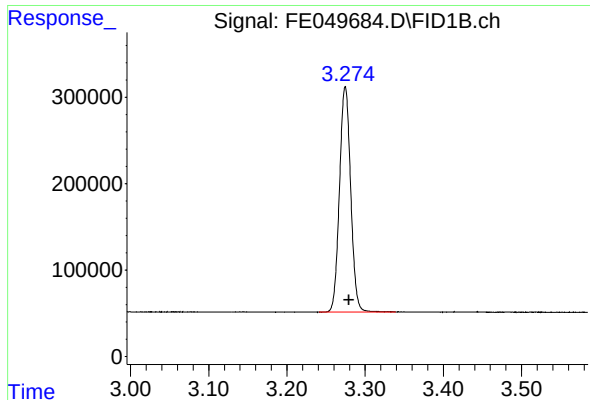
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE082024AL\
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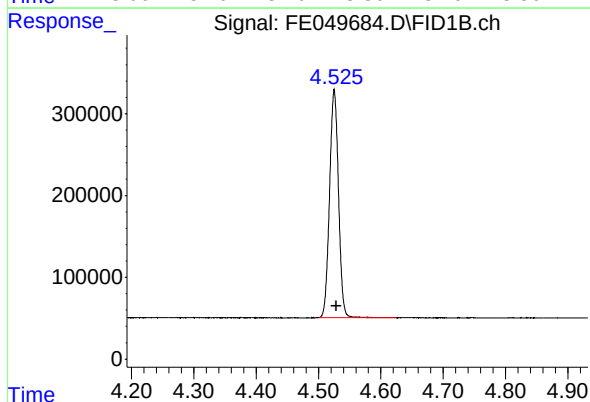




#1 n-Nonane (C9)

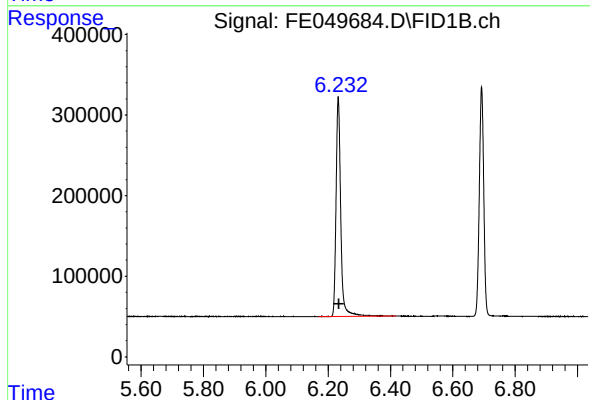
R.T.: 3.275 min
Delta R.T.: -0.004 min
Response: 2593822
Conc: 16.76 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



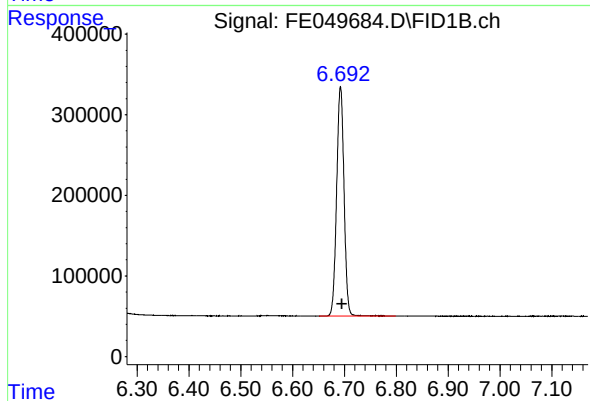
#2 n-Decane (C10)

R.T.: 4.525 min
Delta R.T.: -0.003 min
Response: 2766923
Conc: 17.52 ug/ml



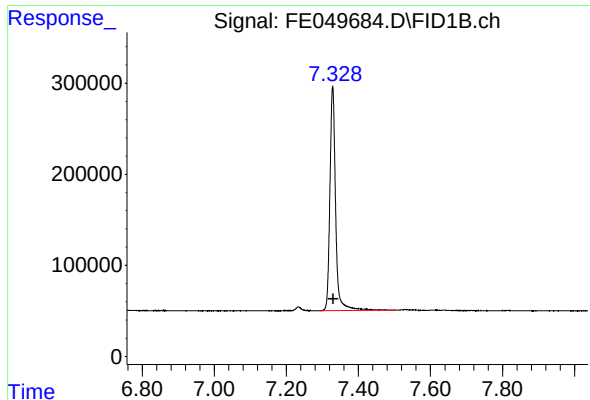
#3 A~Naphthalene (C11.7)

R.T.: 6.233 min
Delta R.T.: -0.002 min
Response: 2849025
Conc: 17.76 ug/ml



#4 n-Dodecane (C12)

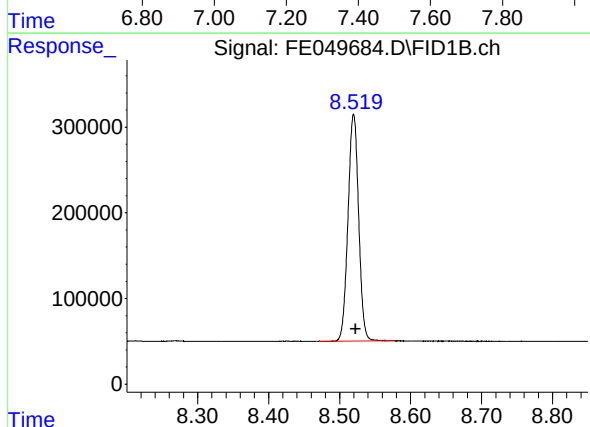
R.T.: 6.692 min
Delta R.T.: -0.003 min
Response: 2813141
Conc: 17.89 ug/ml



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

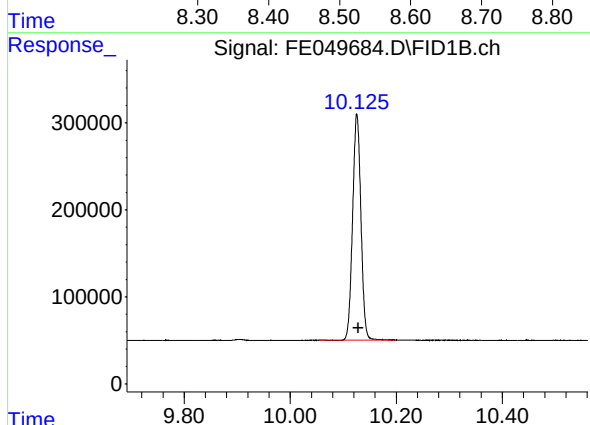
R.T.: 7.329 min
Delta R.T.: -0.002 min
Response: 2713793
Conc: 18.12 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



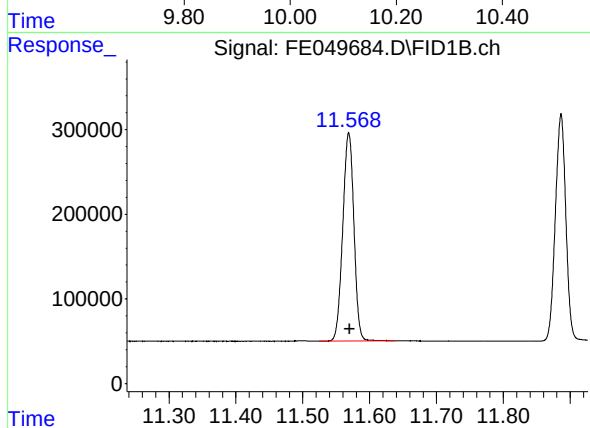
#6 n-Tetradecane (C14)

R.T.: 8.520 min
Delta R.T.: -0.003 min
Response: 2763678
Conc: 17.90 ug/ml



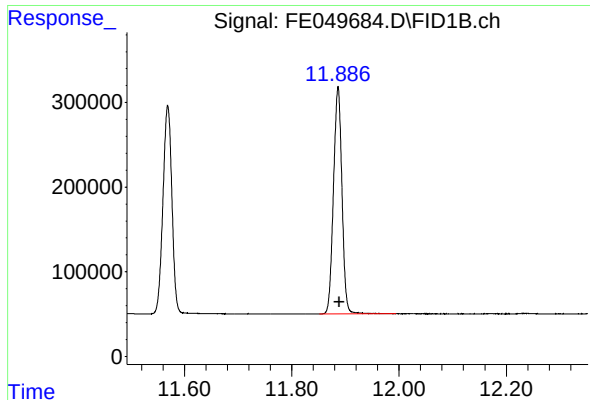
#7 n-Hexadecane (C16)

R.T.: 10.126 min
Delta R.T.: -0.003 min
Response: 2826462
Conc: 18.10 ug/ml



#8 n-Octadecane (C18)

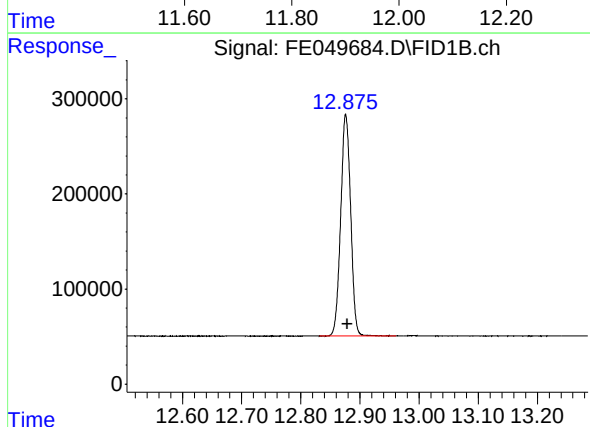
R.T.: 11.569 min
Delta R.T.: -0.002 min
Response: 2851085
Conc: 18.15 ug/ml



#9 ortho-Terphenyl (SURR)

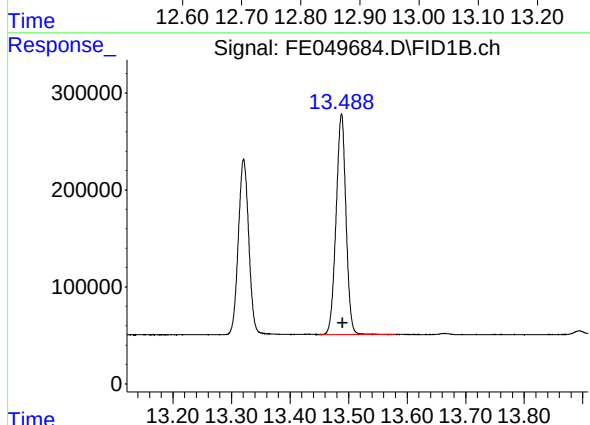
R.T.: 11.886 min
Delta R.T.: -0.002 min
Response: 2944601
Conc: 18.21 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



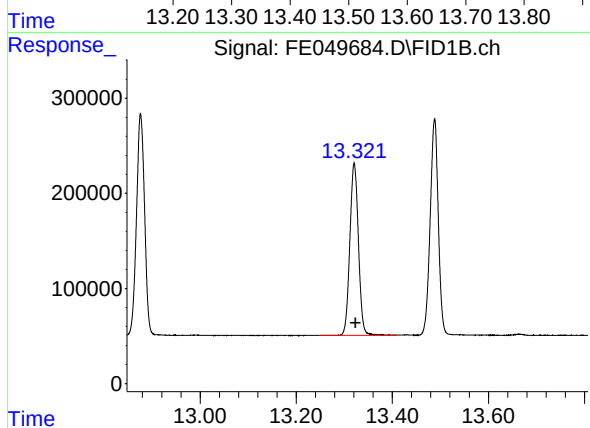
#10 n-Eicosane (C20)

R.T.: 12.876 min
Delta R.T.: -0.002 min
Response: 2725829
Conc: 18.26 ug/ml



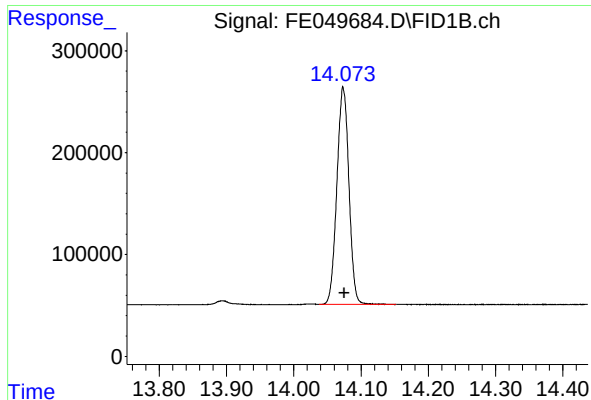
#11 n-Heneicosane (C21)

R.T.: 13.488 min
Delta R.T.: -0.002 min
Response: 2674028
Conc: 18.23 ug/ml



#12 1-chlorooctadecane (SURR)

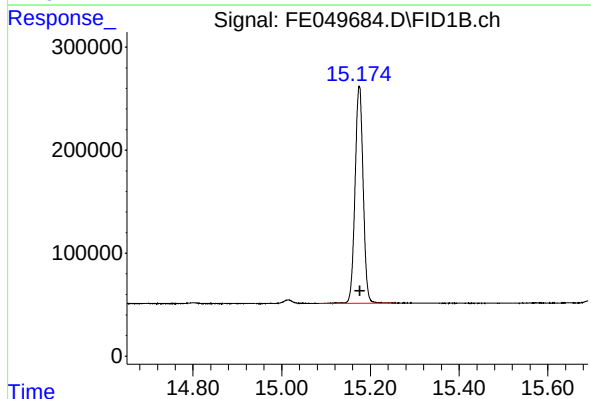
R.T.: 13.321 min
Delta R.T.: -0.003 min
Response: 2240737
Conc: 18.37 ug/ml



#13 n-Docosane (C22)

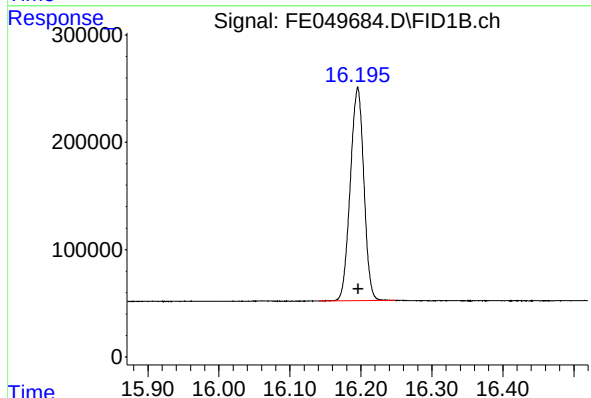
R.T.: 14.074 min
Delta R.T.: -0.002 min
Response: 2653623
Conc: 18.21 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



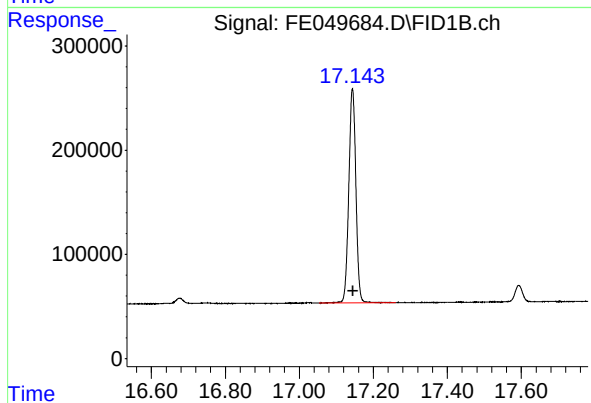
#14 n-Tetracosane (C24)

R.T.: 15.175 min
Delta R.T.: -0.002 min
Response: 2675465
Conc: 18.39 ug/ml



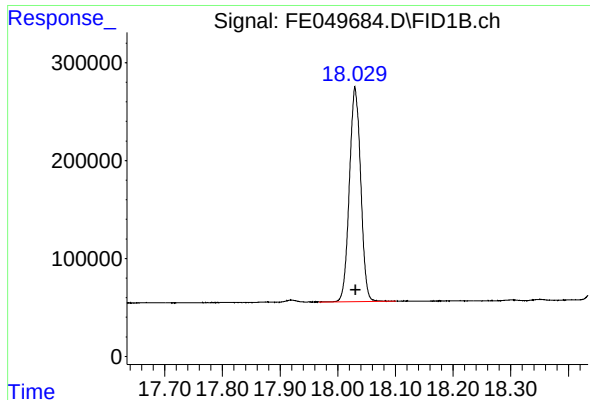
#15 n-Hexacosane (C26)

R.T.: 16.195 min
Delta R.T.: -0.001 min
Response: 2641973
Conc: 18.31 ug/ml



#16 n-Octacosane (C28)

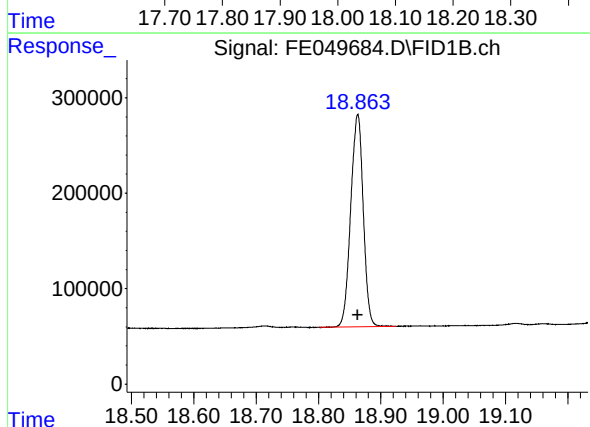
R.T.: 17.144 min
Delta R.T.: -0.001 min
Response: 2743635
Conc: 19.05 ug/ml



#17 n-Tricontane (C30)

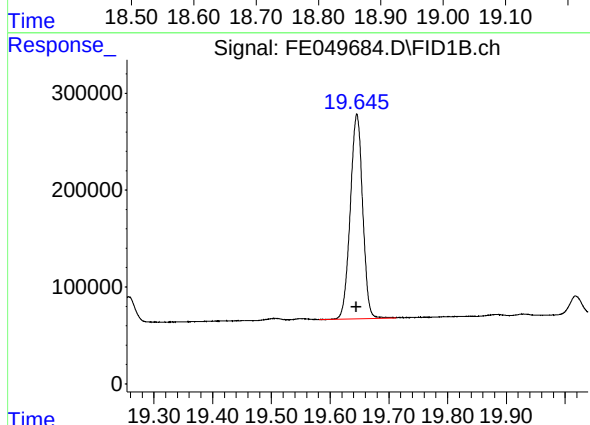
R.T.: 18.030 min
Delta R.T.: 0.000 min
Response: 2990734
Conc: 19.98 ug/ml

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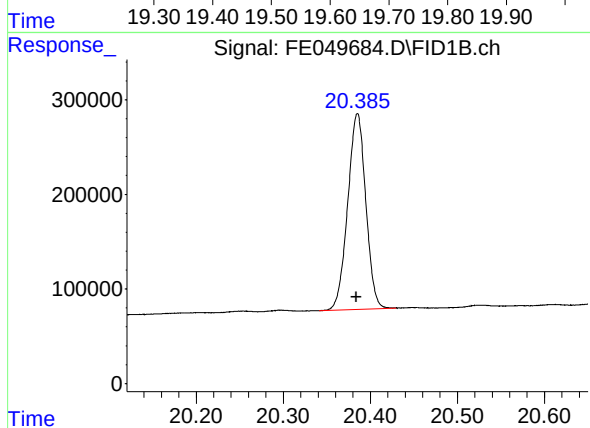
#18 n-Dotriacontane (C32)

R.T.: 18.863 min
Delta R.T.: 0.000 min
Response: 3112573
Conc: 20.57 ug/ml



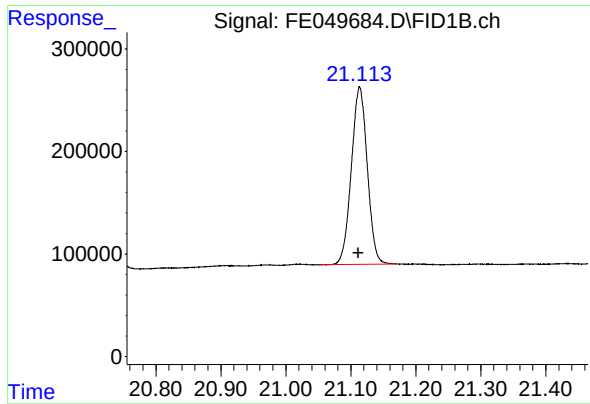
#19 n-Tetratriacontane (C34)

R.T.: 19.646 min
Delta R.T.: 0.001 min
Response: 3098750
Conc: 20.27 ug/ml



#20 n-Hexatriacontane (C36)

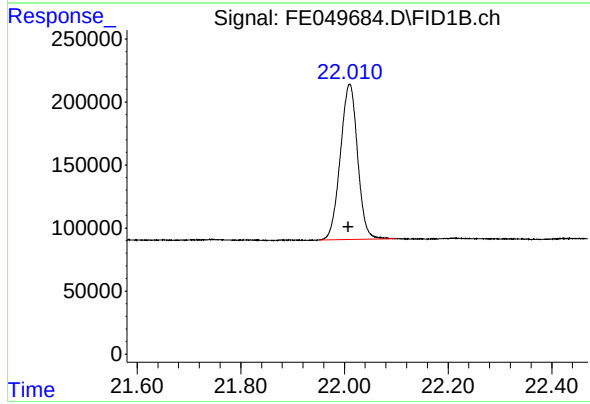
R.T.: 20.385 min
Delta R.T.: 0.001 min
Response: 2989409
Conc: 19.69 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.114 min
Delta R.T.: 0.002 min
Response: 2952303
Conc: 18.81 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.010 min
Delta R.T.: 0.003 min
Response: 2848542
Conc: 18.66 ug/ml