

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE022224AL\
 Data File : FE046903.D
 Signal(s) : FID1B.ch
 Acq On : 22 Feb 2024 13:35
 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 23 00:33:23 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 022024.M
 Quant Title : GC Extractables
 QLast Update : Tue Feb 20 11:04:00 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)	11.793	3263259	19.862 ug/ml
Spiked Amount 50.000		Recovery =	39.72%
12) S 1-chlorooctadecane (S...	13.234	2481976	20.162 ug/ml
Spiked Amount 50.000		Recovery =	40.32%
Target Compounds			
1) T n-Nonane (C9)	3.184	3087885	20.249 ug/ml
2) T n-Decane (C10)	4.435	3148660	20.329 ug/ml
3) T A~Naphthalene (C11.7)	6.141	3154925	20.031 ug/ml
4) T n-Dodecane (C12)	6.603	3158579	20.314 ug/ml
5) T A~2-methylnaphthalene...	7.238	2885527	20.122 ug/ml
6) T n-Tetradecane (C14)	8.429	3121695	20.244 ug/ml
7) T n-Hexadecane (C16)	10.037	3191768	20.116 ug/ml
8) T n-Octadecane (C18)	11.480	3208720	20.128 ug/ml
10) T n-Eicosane (C20)	12.789	3024513	19.981 ug/ml
11) T n-Heneicosane (C21)	13.402	2950681	19.926 ug/ml
13) T n-Docosane (C22)	13.987	2909897	20.000 ug/ml
14) T n-Tetracosane (C24)	15.090	2858743	20.017 ug/ml
15) T n-Hexacosane (C26)	16.111	2788333	19.954 ug/ml
16) T n-Octacosane (C28)	17.061	2712790	19.912 ug/ml
17) T n-Tricontane (C30)	17.950	2769122	19.848 ug/ml
18) T n-Dotriacontane (C32)	18.784	2711528	19.706 ug/ml
19) T n-Tetratriacontane (C34)	19.568	2681863	19.964 ug/ml
20) T n-Hexatriacontane (C36)	20.309	2710372	20.354 ug/ml
21) T n-Octatriacontane (C38)	21.030	2726960	19.791 ug/ml
22) T n-Tetracontane (C40)	21.906	2803119	19.868 ug/ml

(f)=RT Delta > 1/2 Window

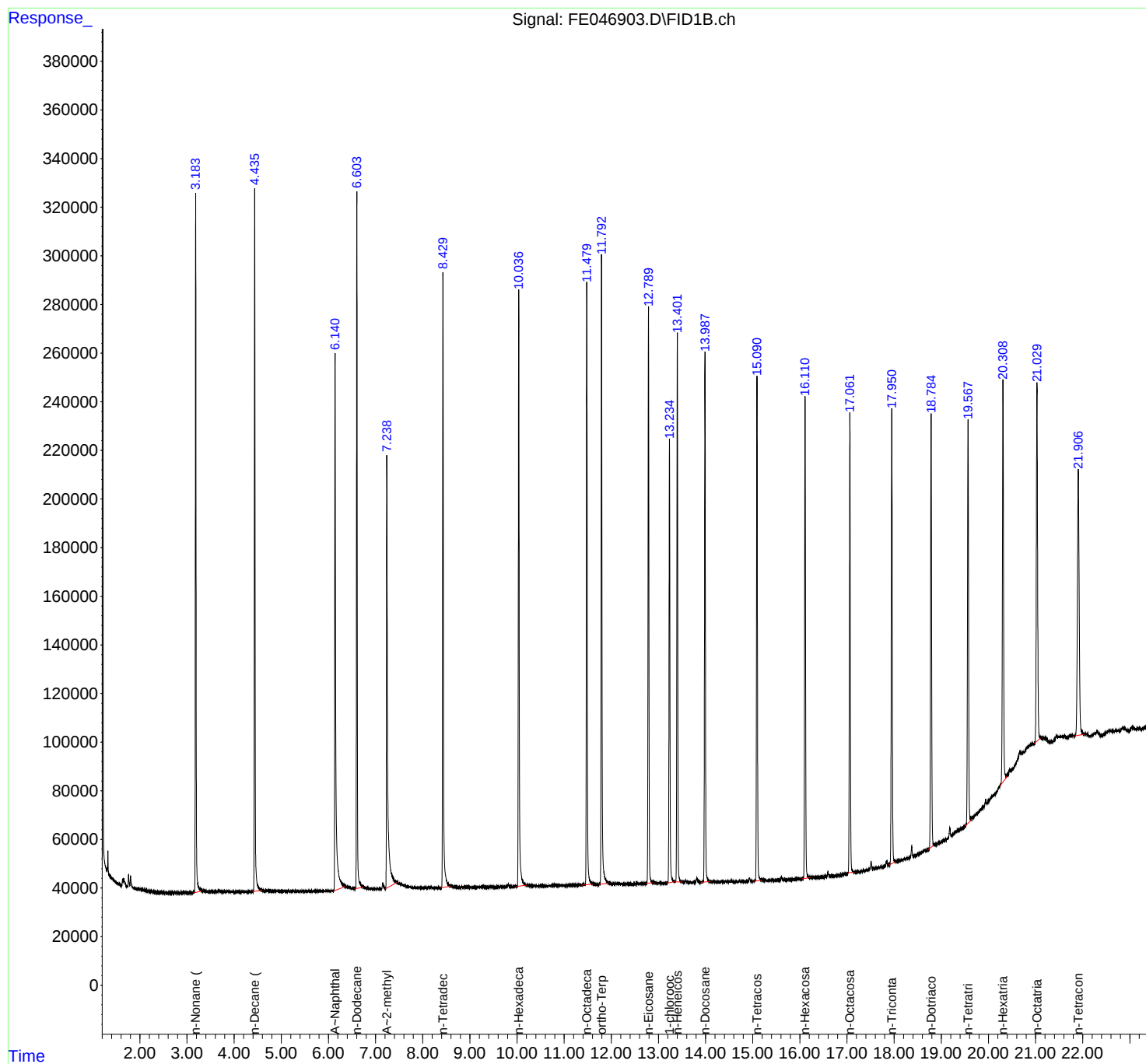
(m)=manual int.

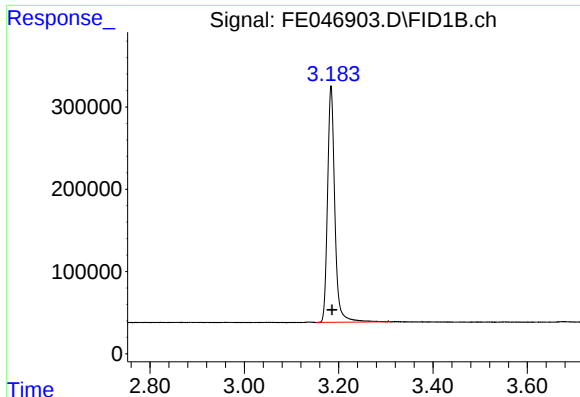
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE02224AL\
Data File : FE046903.D
Signal(s) : FID1B.ch
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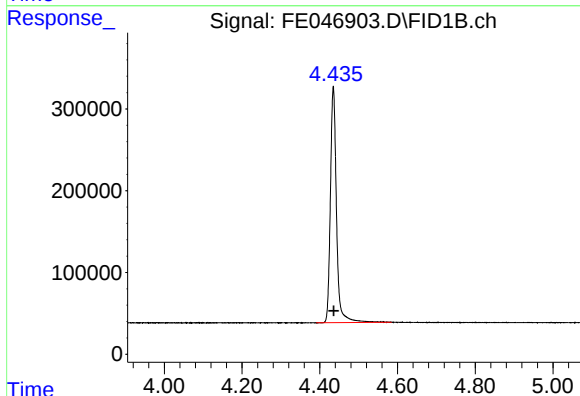




#1 n-Nonane (C9)

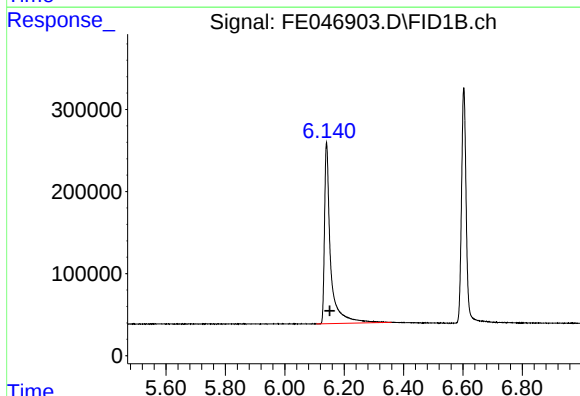
R.T.: 3.184 min
Delta R.T.: -0.002 min
Response: 3087885
Conc: 20.25 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



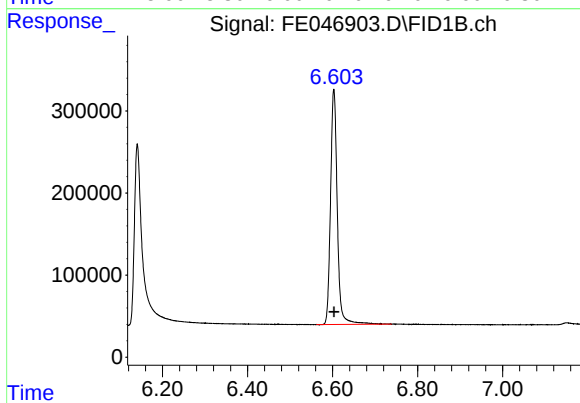
#2 n-Decane (C10)

R.T.: 4.435 min
Delta R.T.: -0.002 min
Response: 3148660
Conc: 20.33 ug/ml



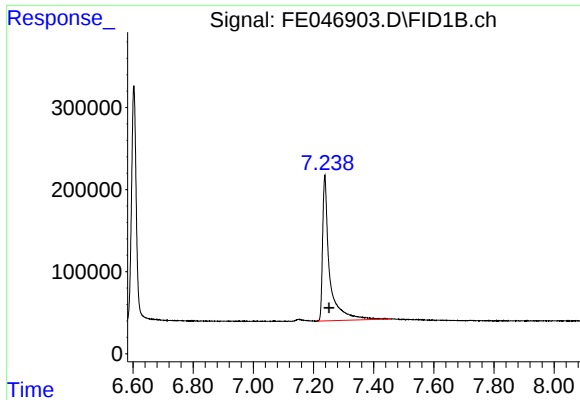
#3 A~Naphthalene (C11.7)

R.T.: 6.141 min
Delta R.T.: -0.011 min
Response: 3154925
Conc: 20.03 ug/ml



#4 n-Dodecane (C12)

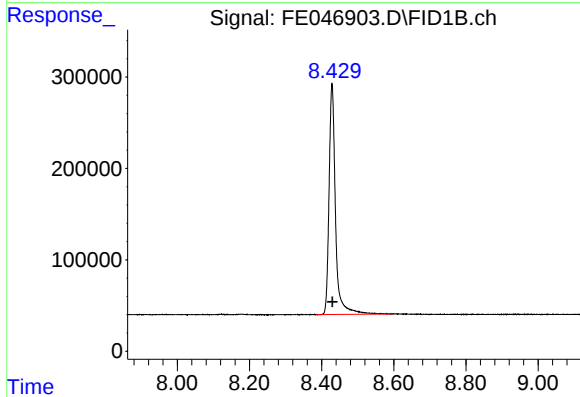
R.T.: 6.603 min
Delta R.T.: 0.000 min
Response: 3158579
Conc: 20.31 ug/ml



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

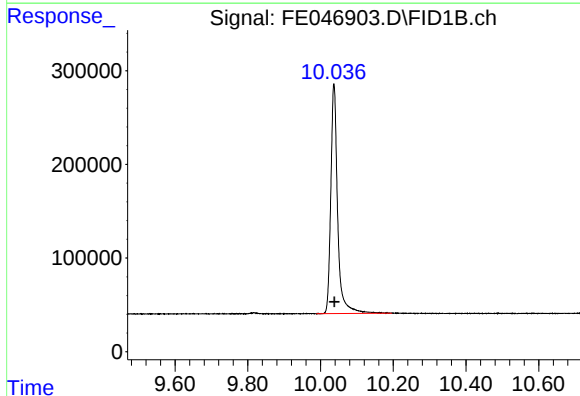
R.T.: 7.238 min
Delta R.T.: -0.015 min
Response: 2885527
Conc: 20.12 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



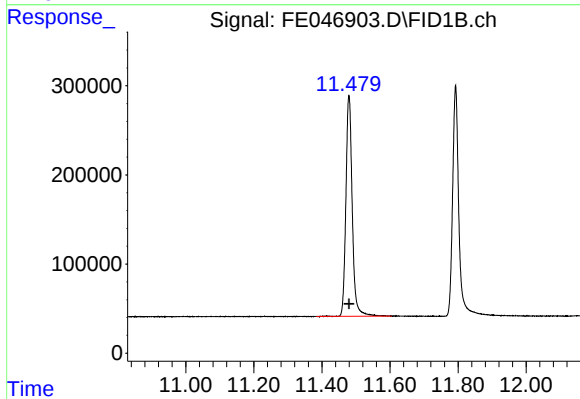
#6 n-Tetradecane (C14)

R.T.: 8.429 min
Delta R.T.: 0.000 min
Response: 3121695
Conc: 20.24 ug/ml



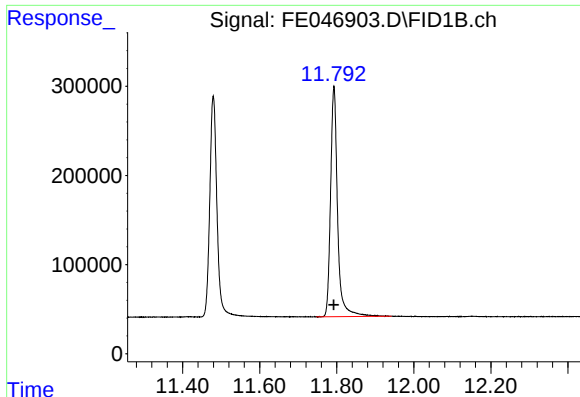
#7 n-Hexadecane (C16)

R.T.: 10.037 min
Delta R.T.: -0.001 min
Response: 3191768
Conc: 20.12 ug/ml



#8 n-Octadecane (C18)

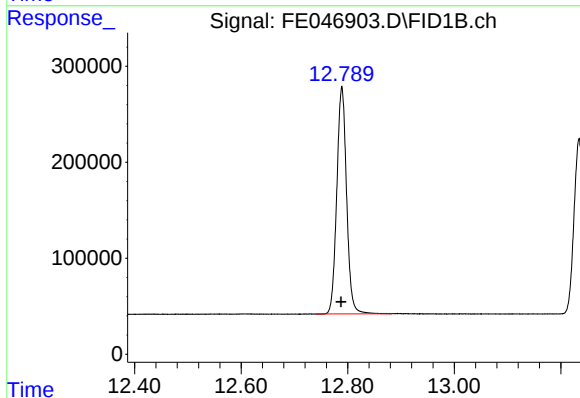
R.T.: 11.480 min
Delta R.T.: 0.000 min
Response: 3208720
Conc: 20.13 ug/ml



#9 ortho-Terphenyl (SURR)

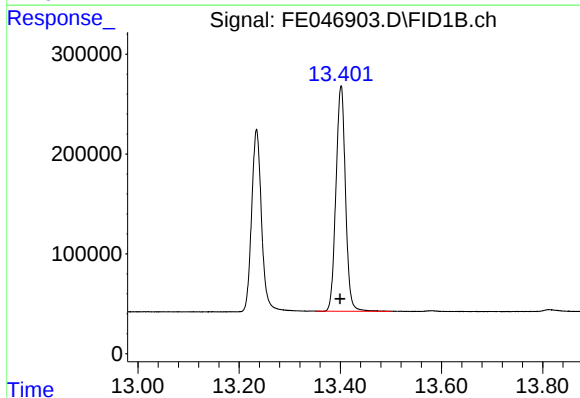
R.T.: 11.793 min
Delta R.T.: 0.000 min
Response: 3263259
Conc: 19.86 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



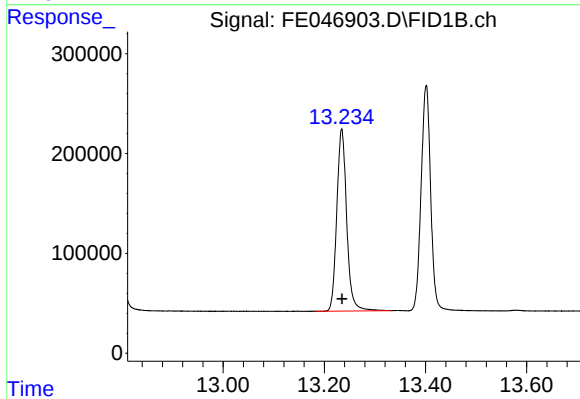
#10 n-Eicosane (C20)

R.T.: 12.789 min
Delta R.T.: 0.001 min
Response: 3024513
Conc: 19.98 ug/ml



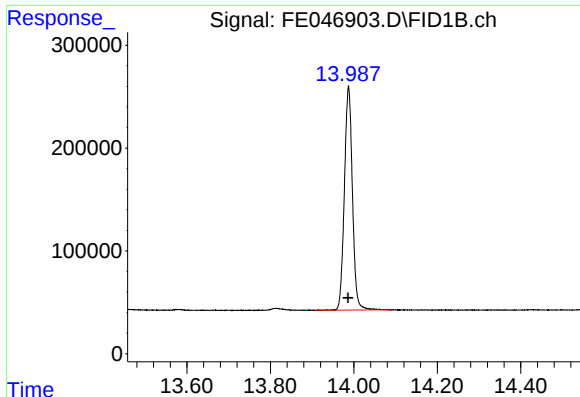
#11 n-Heneicosane (C21)

R.T.: 13.402 min
Delta R.T.: 0.002 min
Response: 2950681
Conc: 19.93 ug/ml



#12 1-chlorooctadecane (SURR)

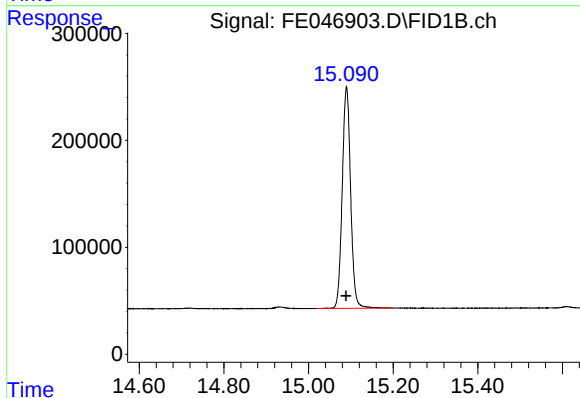
R.T.: 13.234 min
Delta R.T.: 0.000 min
Response: 2481976
Conc: 20.16 ug/ml



#13 n-Docosane (C22)

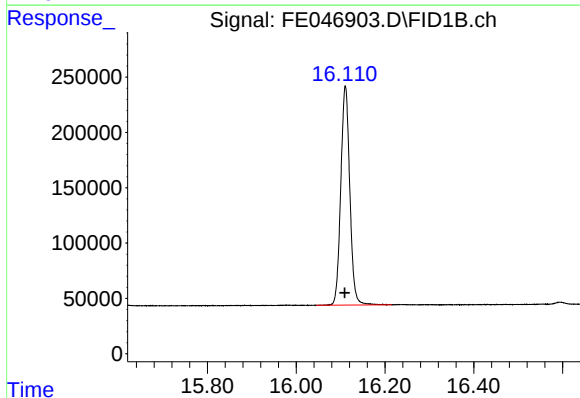
R.T.: 13.987 min
Delta R.T.: 0.001 min
Response: 2909897
Conc: 20.00 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



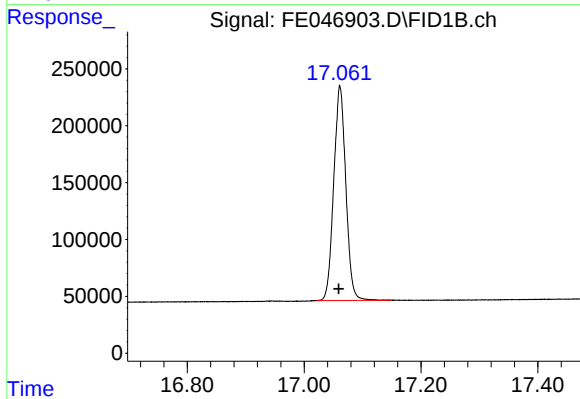
#14 n-Tetracosane (C24)

R.T.: 15.090 min
Delta R.T.: 0.001 min
Response: 2858743
Conc: 20.02 ug/ml



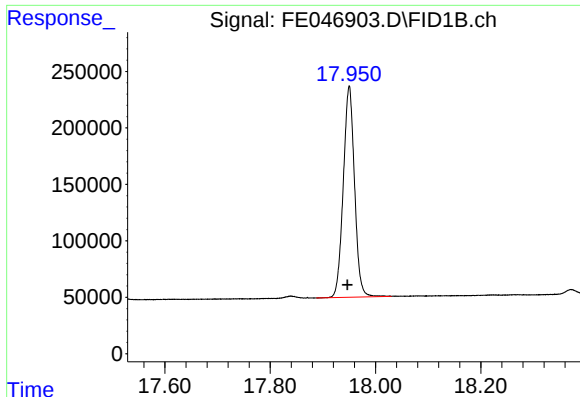
#15 n-Hexacosane (C26)

R.T.: 16.111 min
Delta R.T.: 0.002 min
Response: 2788333
Conc: 19.95 ug/ml



#16 n-Octacosane (C28)

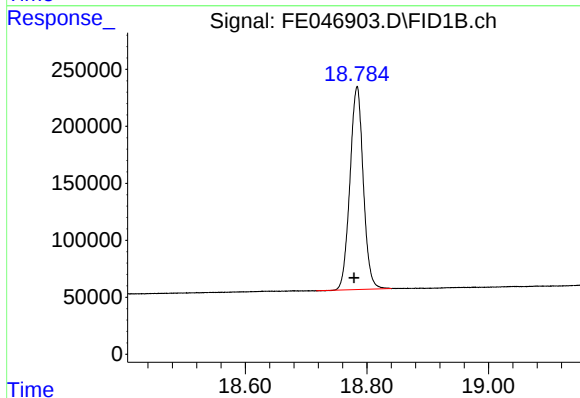
R.T.: 17.061 min
Delta R.T.: 0.002 min
Response: 2712790
Conc: 19.91 ug/ml



#17 n-Tricontane (C30)

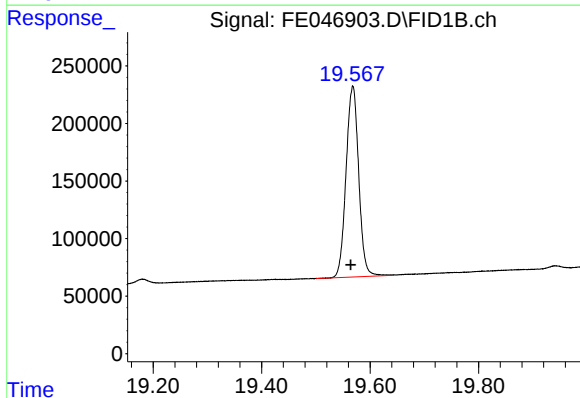
R.T.: 17.950 min
Delta R.T.: 0.004 min
Response: 2769122
Conc: 19.85 ug/ml

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20 PPM ALIPHATIC HC STD



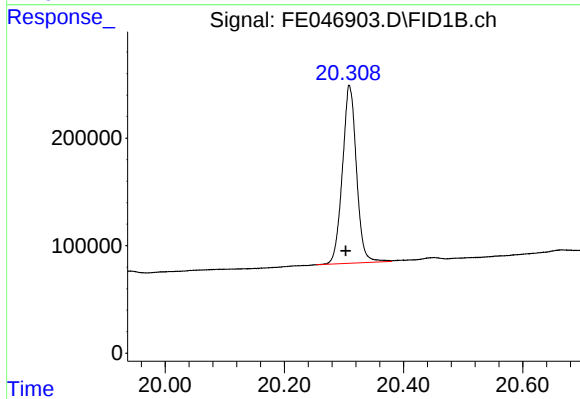
#18 n-Dotriacontane (C32)

R.T.: 18.784 min
Delta R.T.: 0.005 min
Response: 2711528
Conc: 19.71 ug/ml



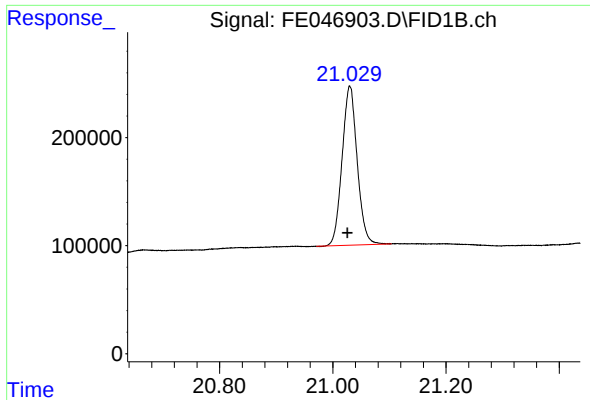
#19 n-Tetratriacontane (C34)

R.T.: 19.568 min
Delta R.T.: 0.004 min
Response: 2681863
Conc: 19.96 ug/ml



#20 n-Hexatriacontane (C36)

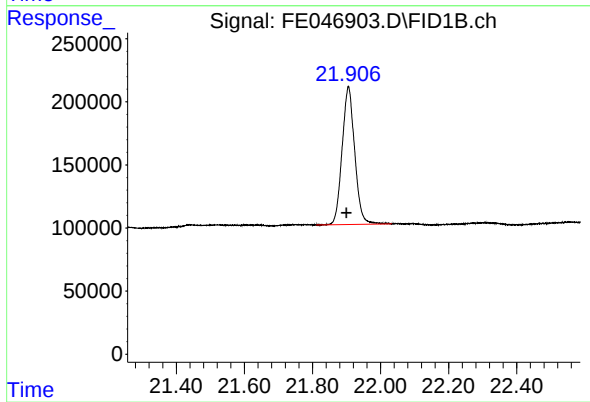
R.T.: 20.309 min
Delta R.T.: 0.006 min
Response: 2710372
Conc: 20.35 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.030 min
Delta R.T.: 0.005 min
Response: 2726960
Conc: 19.79 ug/ml

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20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 21.906 min
Delta R.T.: 0.006 min
Response: 2803119
Conc: 19.87 ug/ml