

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE100224AL\
 Data File : FE050484.D
 Signal(s) : FID1B.ch
 Acq On : 02 Oct 2024 21:26
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: Oct 03 01:38:04 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 091024.M
 Quant Title : GC Extractables
 QLast Update : Mon Sep 09 17:11:47 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

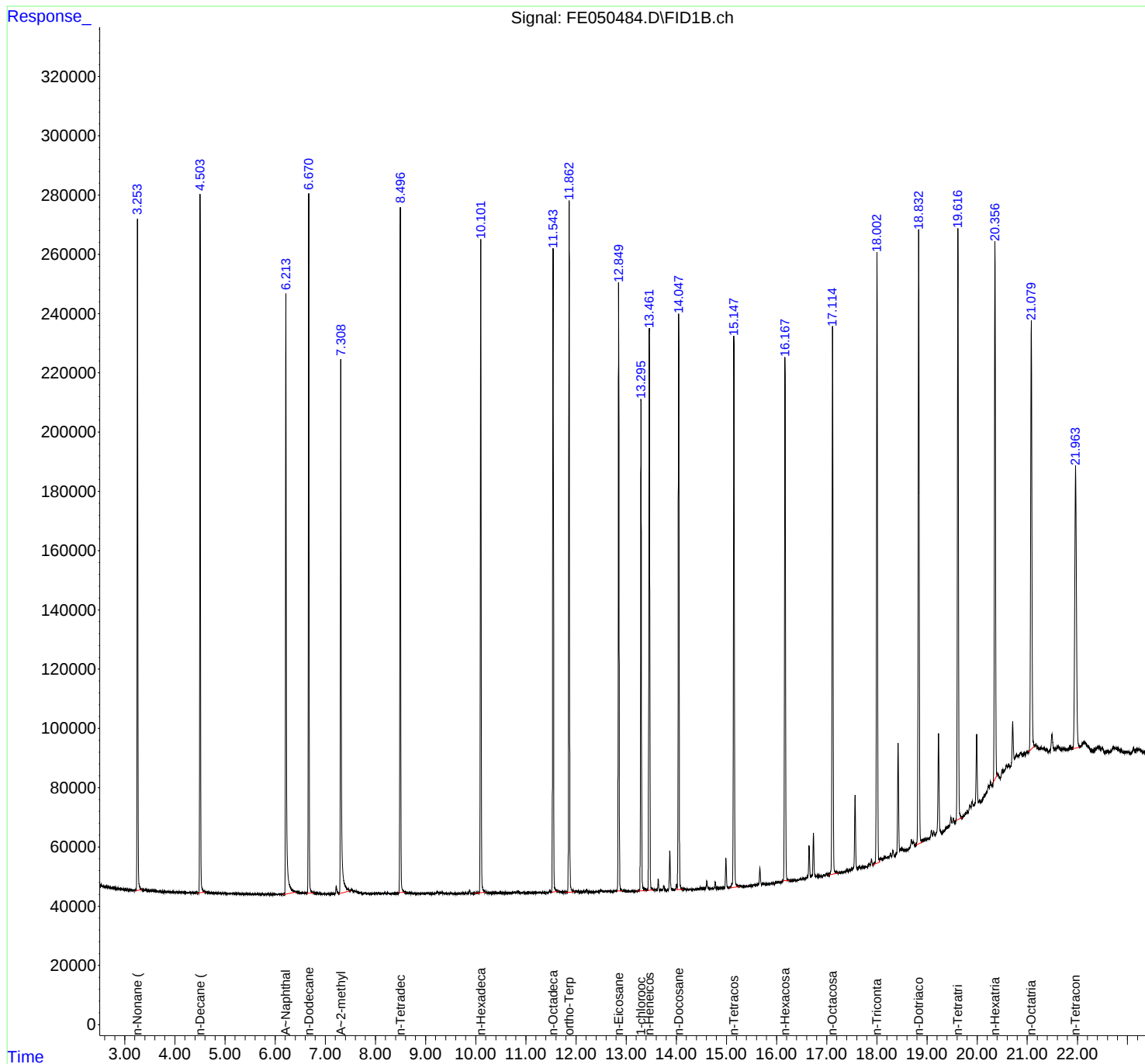
System Monitoring Compounds			
9) S ortho-Terphenyl (SURR)	11.863	2544890	17.105 ug/ml
Spiked Amount 50.000		Recovery =	34.21%
12) S 1-chlorooctadecane (S...	13.296	1938712	17.260 ug/ml
Spiked Amount 50.000		Recovery =	34.52%
Target Compounds			
1) T n-Nonane (C9)	3.254	2271608	16.759 ug/ml
2) T n-Decane (C10)	4.503	2362929	17.121 ug/ml
3) T A~Naphthalene (C11.7)	6.214	2382238	17.020 ug/ml
4) T n-Dodecane (C12)	6.670	2382184	17.227 ug/ml
5) T A~2-methylnaphthalene...	7.309	2233246	16.991 ug/ml
6) T n-Tetradecane (C14)	8.496	2355433	17.298 ug/ml
7) T n-Hexadecane (C16)	10.102	2458658	17.701 ug/ml
8) T n-Octadecane (C18)	11.543	2489554	17.770 ug/ml
10) T n-Eicosane (C20)	12.850	2382959	17.764 ug/ml
11) T n-Heneicosane (C21)	13.461	2335258	17.773 ug/ml
13) T n-Docosane (C22)	14.047	2338598	17.959 ug/ml
14) T n-Tetracosane (C24)	15.148	2405796	18.422 ug/ml
15) T n-Hexacosane (C26)	16.167	2374397	18.559 ug/ml
16) T n-Octacosane (C28)	17.116	2539581	19.716 ug/ml
17) T n-Tricontane (C30)	18.003	2848069	21.299 ug/ml
18) T n-Dotriacontane (C32)	18.834	2982727	22.383 ug/ml
19) T n-Tetratriacontane (C34)	19.617	2871162	23.237 ug/ml
20) T n-Hexatriacontane (C36)	20.356	2687777	24.225 ug/ml
21) T n-Octatriacontane (C38)	21.080	2528735	22.930 ug/ml
22) T n-Tetracontane (C40)	21.964	2224991	20.448 ug/ml

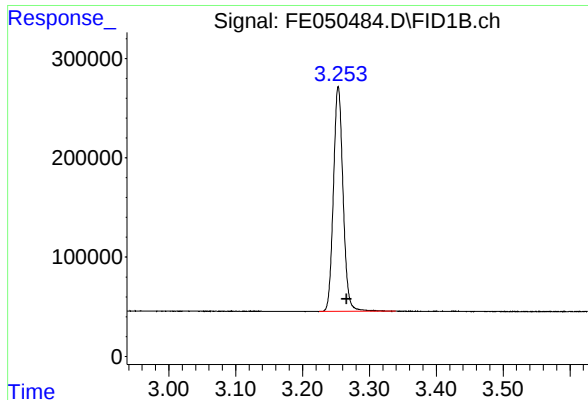
(f)=RT Delta > 1/2 Window

(m)=manual int.

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20 PPM ALIPHATIC HC STD

Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um

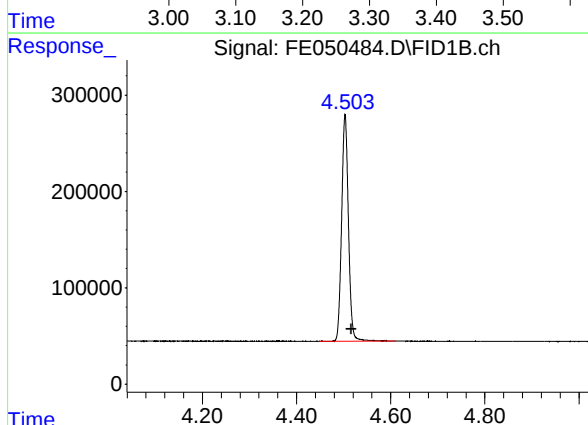




#1 n-Nonane (C9)

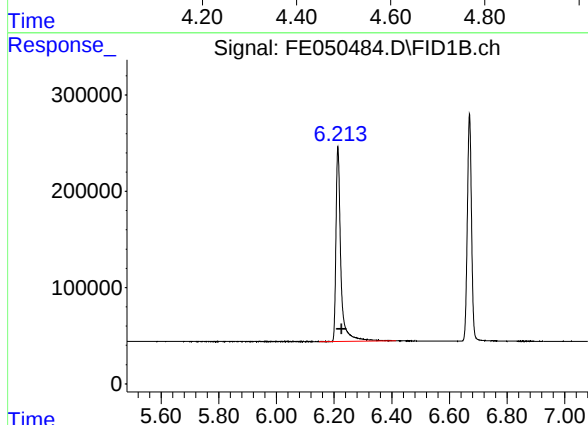
R.T.: 3.254 min
Delta R.T.: -0.012 min
Response: 2271608
Conc: 16.76 ug/ml

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20 PPM ALIPHATIC HC STD



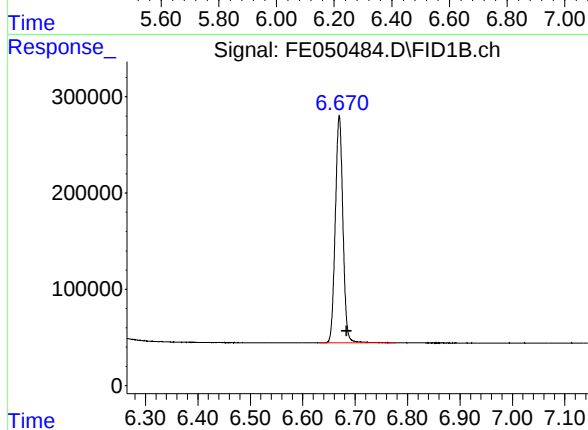
#2 n-Decane (C10)

R.T.: 4.503 min
Delta R.T.: -0.013 min
Response: 2362929
Conc: 17.12 ug/ml



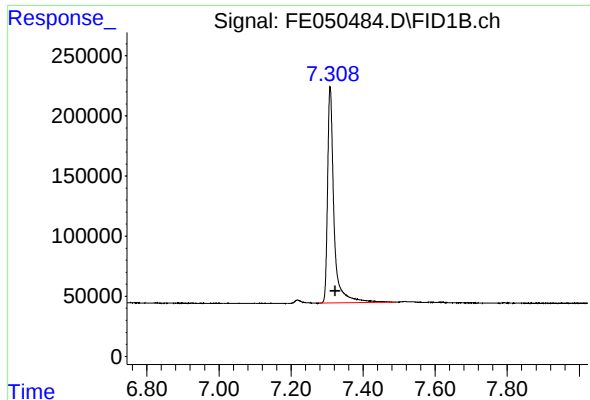
#3 A~Naphthalene (C11.7)

R.T.: 6.214 min
Delta R.T.: -0.014 min
Response: 2382238
Conc: 17.02 ug/ml



#4 n-Dodecane (C12)

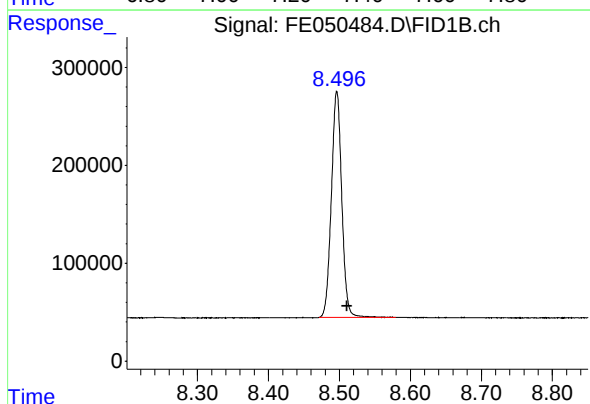
R.T.: 6.670 min
Delta R.T.: -0.014 min
Response: 2382184
Conc: 17.23 ug/ml



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

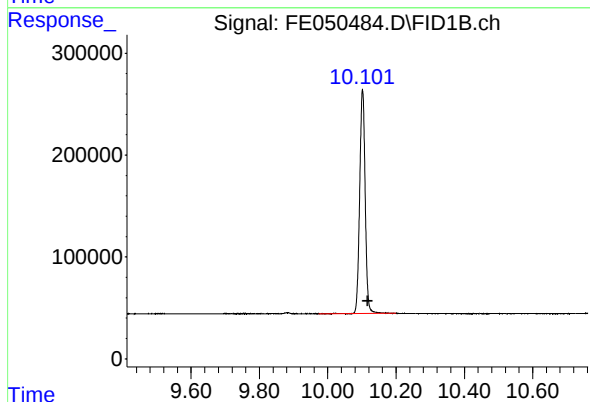
R.T.: 7.309 min
Delta R.T.: -0.014 min
Response: 2233246
Conc: 16.99 ug/ml

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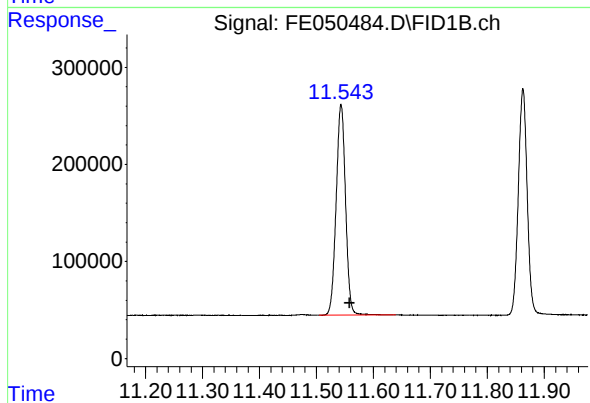
#6 n-Tetradecane (C14)

R.T.: 8.496 min
Delta R.T.: -0.014 min
Response: 2355433
Conc: 17.30 ug/ml



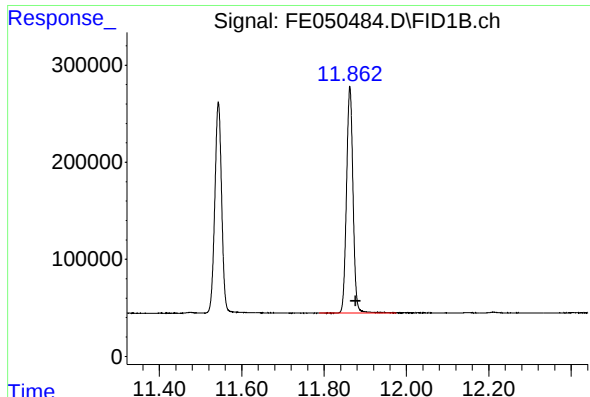
#7 n-Hexadecane (C16)

R.T.: 10.102 min
Delta R.T.: -0.015 min
Response: 2458658
Conc: 17.70 ug/ml



#8 n-Octadecane (C18)

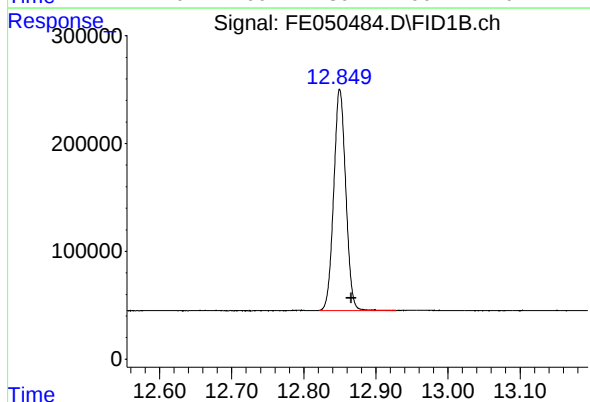
R.T.: 11.543 min
Delta R.T.: -0.015 min
Response: 2489554
Conc: 17.77 ug/ml



#9 ortho-Terphenyl (SURR)

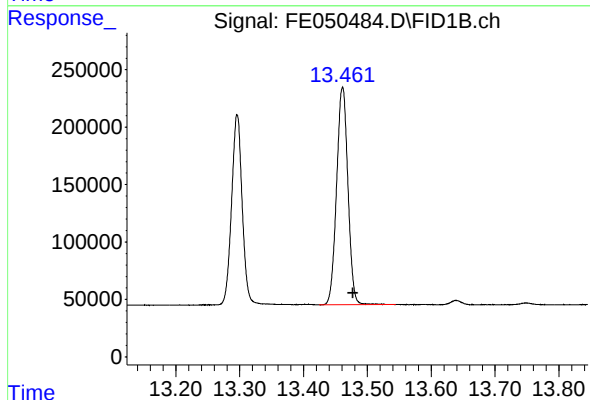
R.T.: 11.863 min
Delta R.T.: -0.014 min
Response: 2544890
Conc: 17.11 ug/ml

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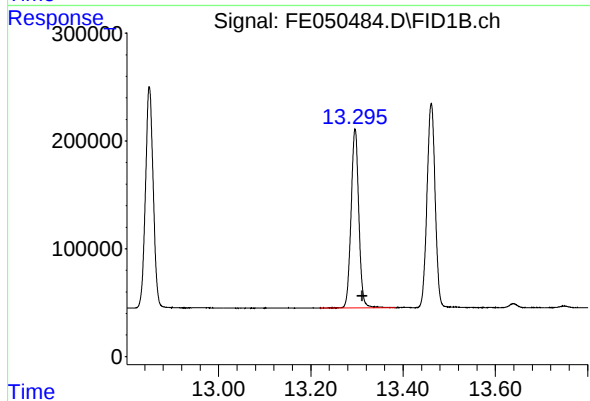
#10 n-Eicosane (C20)

R.T.: 12.850 min
Delta R.T.: -0.016 min
Response: 2382959
Conc: 17.76 ug/ml



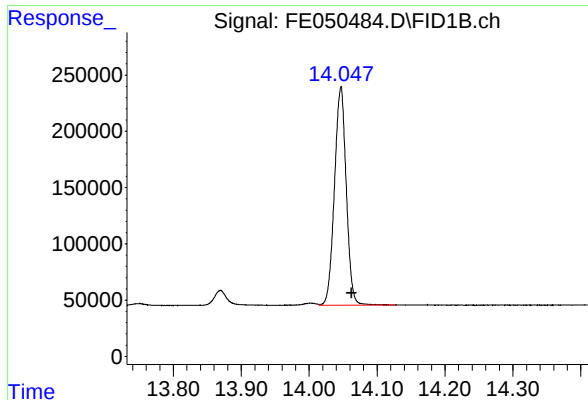
#11 n-Heneicosane (C21)

R.T.: 13.461 min
Delta R.T.: -0.016 min
Response: 2335258
Conc: 17.77 ug/ml



#12 1-chlorooctadecane (SURR)

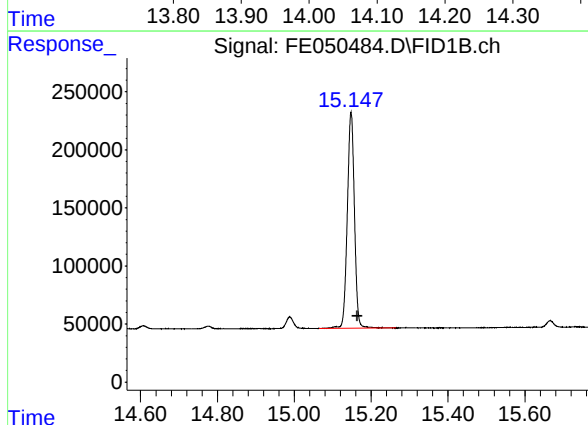
R.T.: 13.296 min
Delta R.T.: -0.016 min
Response: 1938712
Conc: 17.26 ug/ml



#13 n-Docosane (C22)

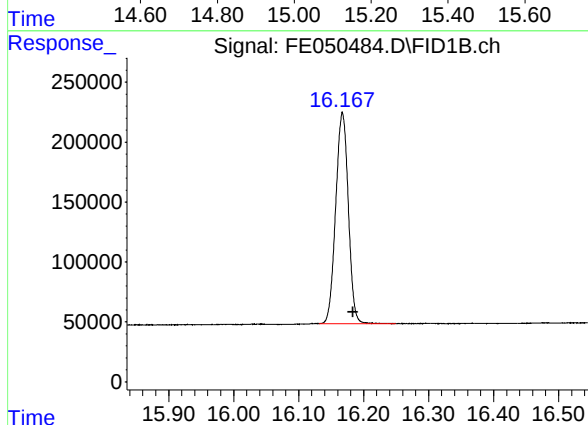
R.T.: 14.047 min
Delta R.T.: -0.016 min
Response: 2338598
Conc: 17.96 ug/ml

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20 PPM ALIPHATIC HC STD



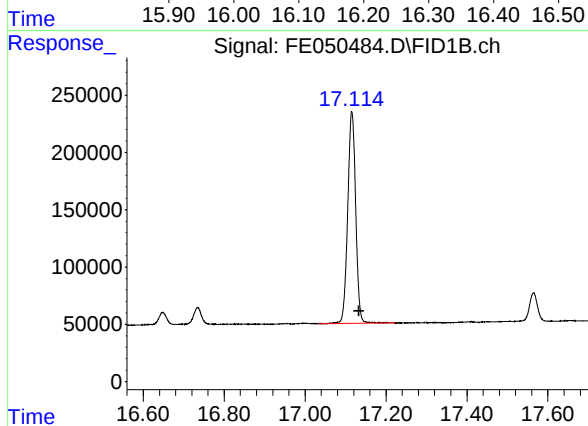
#14 n-Tetracosane (C24)

R.T.: 15.148 min
Delta R.T.: -0.017 min
Response: 2405796
Conc: 18.42 ug/ml



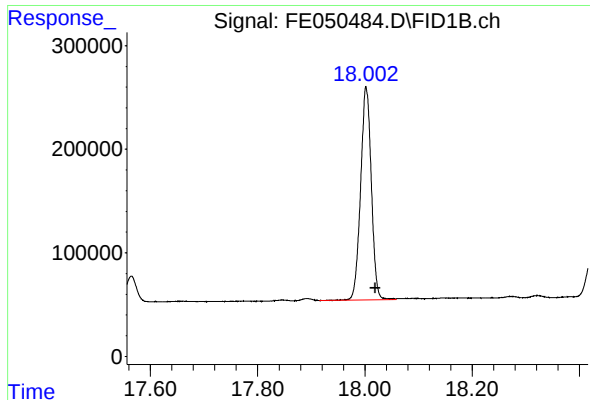
#15 n-Hexacosane (C26)

R.T.: 16.167 min
Delta R.T.: -0.016 min
Response: 2374397
Conc: 18.56 ug/ml



#16 n-Octacosane (C28)

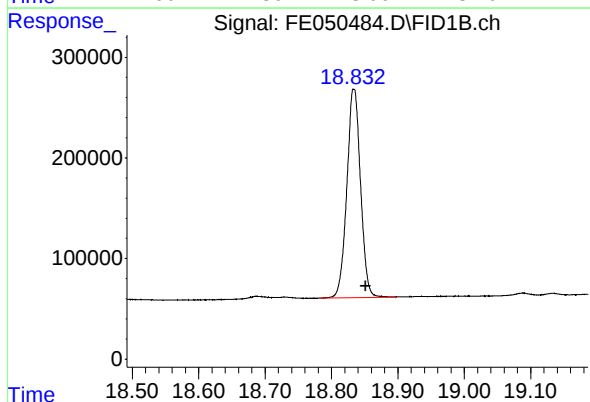
R.T.: 17.116 min
Delta R.T.: -0.017 min
Response: 2539581
Conc: 19.72 ug/ml



#17 n-Tricontane (C30)

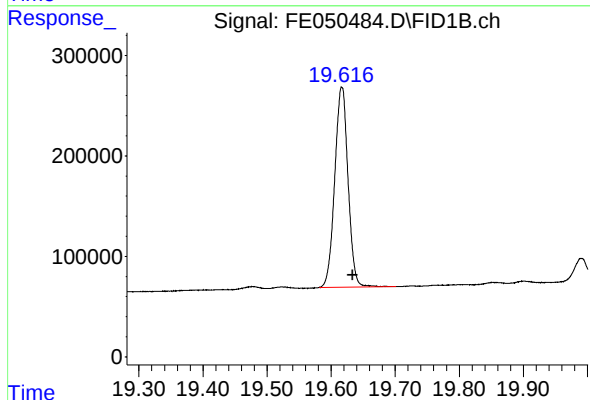
R.T.: 18.003 min
Delta R.T.: -0.017 min
Response: 2848069
Conc: 21.30 ug/ml

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20 PPM ALIPHATIC HC STD



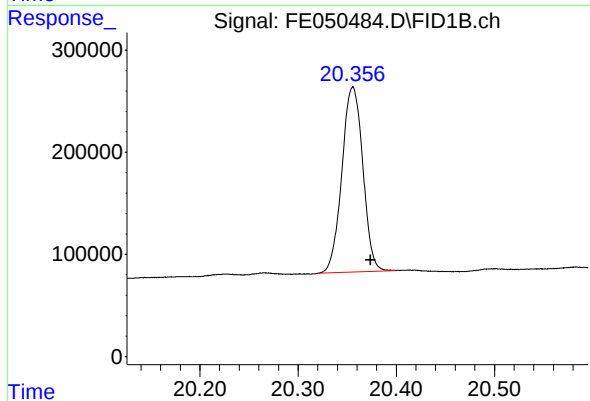
#18 n-Dotriacontane (C32)

R.T.: 18.834 min
Delta R.T.: -0.017 min
Response: 2982727
Conc: 22.38 ug/ml



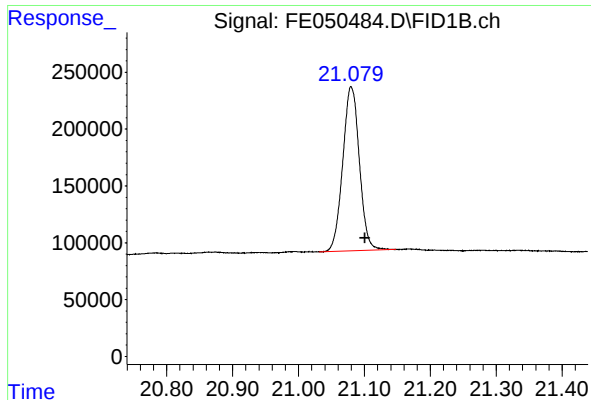
#19 n-Tetatriacontane (C34)

R.T.: 19.617 min
Delta R.T.: -0.017 min
Response: 2871162
Conc: 23.24 ug/ml



#20 n-Hexatriacontane (C36)

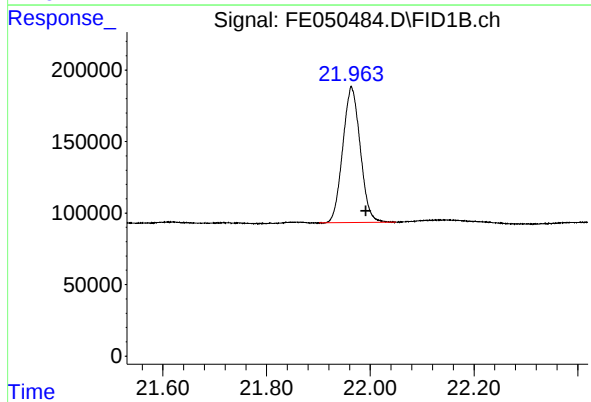
R.T.: 20.356 min
Delta R.T.: -0.018 min
Response: 2687777
Conc: 24.23 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.080 min
Delta R.T.: -0.021 min
Response: 2528735
Conc: 22.93 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.964 min
Delta R.T.: -0.028 min
Response: 2224991
Conc: 20.45 ug/ml