

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE060223AL\
 Data File : FE042370.D
 Signal(s) : FID1B.ch
 Acq On : 02 Jun 2023 12:54
 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: Jun 05 01:15:29 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)	11.949	3110430	17.615 ug/ml
Spiked Amount 50.000		Recovery =	35.23%
12) S 1-chlorooctadecane (S...	13.386	2301785	17.322 ug/ml
Spiked Amount 50.000		Recovery =	34.64%
Target Compounds			
1) T n-Nonane (C9)	3.330	2571882	17.836 ug/ml
2) T n-Decane (C10)	4.582	2653162	17.922 ug/ml
3) T A~Naphthalene (C11.7)	6.290	2860106	17.529 ug/ml
4) T n-Dodecane (C12)	6.751	2689938	17.938 ug/ml
5) T A~2-methylnaphthalene...	7.387	2750296	17.330 ug/ml
6) T n-Tetradecane (C14)	8.579	2673090	17.844 ug/ml
7) T n-Hexadecane (C16)	10.187	2778278	17.836 ug/ml
8) T n-Octadecane (C18)	11.631	2810903	17.775 ug/ml
10) T n-Eicosane (C20)	12.940	2685843	17.719 ug/ml
11) T n-Heneicosane (C21)	13.553	2614384	17.646 ug/ml
13) T n-Docosane (C22)	14.138	2573386	17.554 ug/ml
14) T n-Tetracosane (C24)	15.243	2549964	17.664 ug/ml
15) T n-Hexacosane (C26)	16.263	2509231	18.117 ug/ml
16) T n-Octacosane (C28)	17.214	2508062	18.733 ug/ml
17) T n-Tricontane (C30)	18.102	2676738	19.829 ug/ml
18) T n-Dotriacontane (C32)	18.934	2676695	20.037 ug/ml
19) T n-Tetratriacontane (C34)	19.718	2528263	19.225 ug/ml
20) T n-Hexatriacontane (C36)	20.458	2416873	18.595 ug/ml
21) T n-Octatriacontane (C38)	21.207	2388653	17.606 ug/ml
22) T n-Tetracontane (C40)	22.136	2372071	17.051 ug/ml

(f)=RT Delta > 1/2 Window

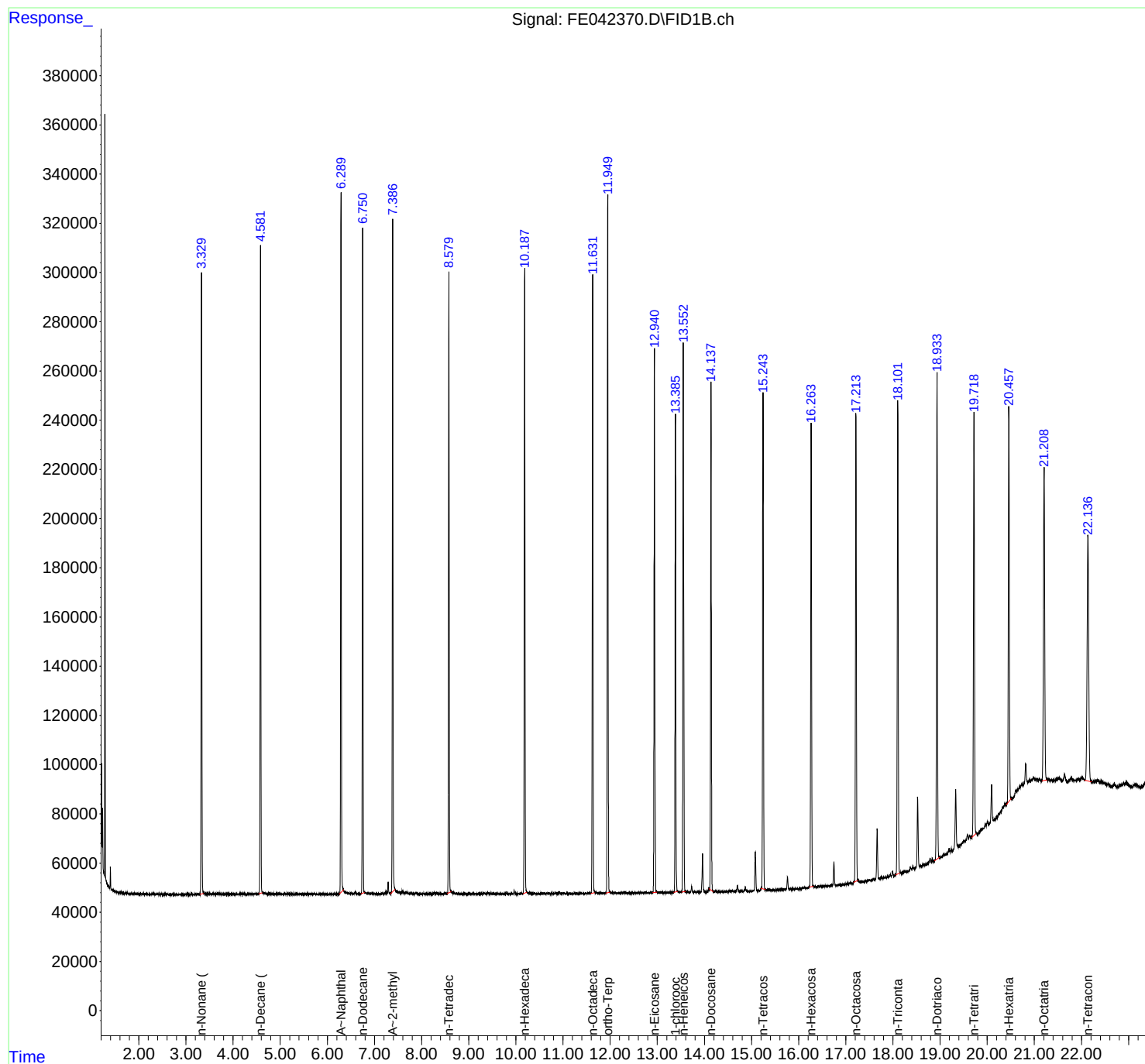
(m)=manual int.

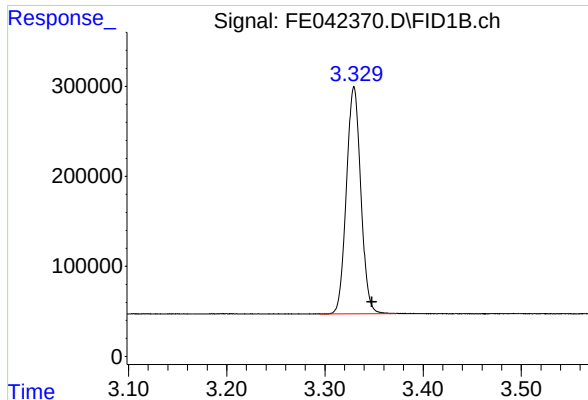
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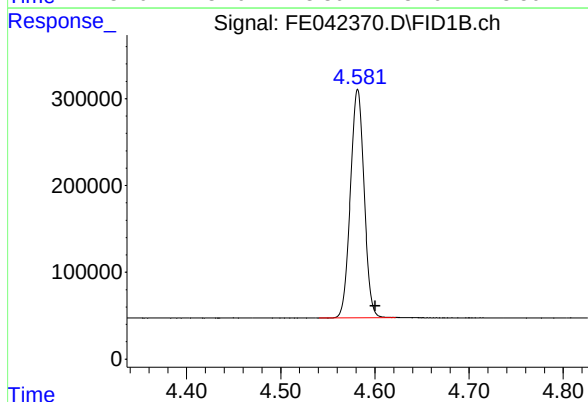




#1 n-Nonane (C9)

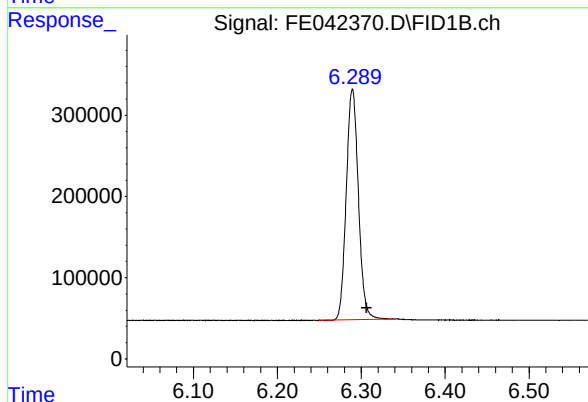
R.T.: 3.330 min
Delta R.T.: -0.018 min
Response: 2571882
Conc: 17.84 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



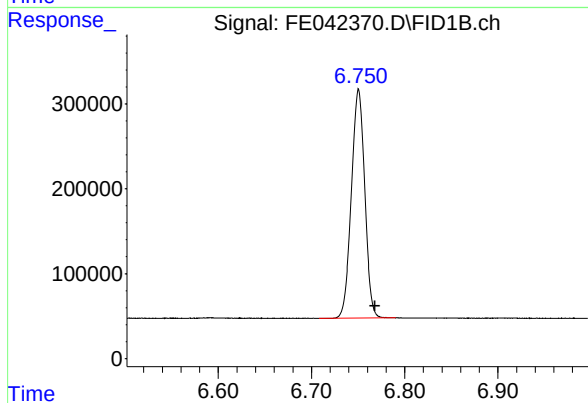
#2 n-Decane (C10)

R.T.: 4.582 min
Delta R.T.: -0.019 min
Response: 2653162
Conc: 17.92 ug/ml



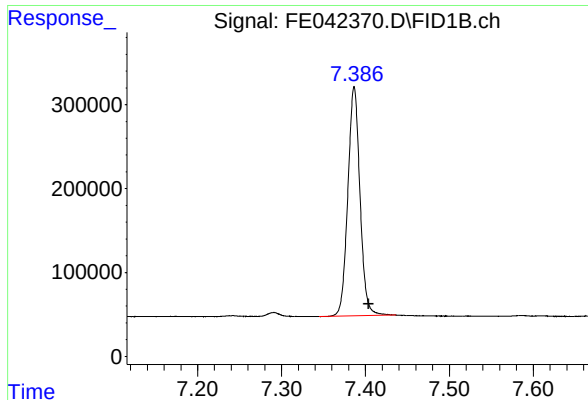
#3 A~Naphthalene (C11.7)

R.T.: 6.290 min
Delta R.T.: -0.017 min
Response: 2860106
Conc: 17.53 ug/ml



#4 n-Dodecane (C12)

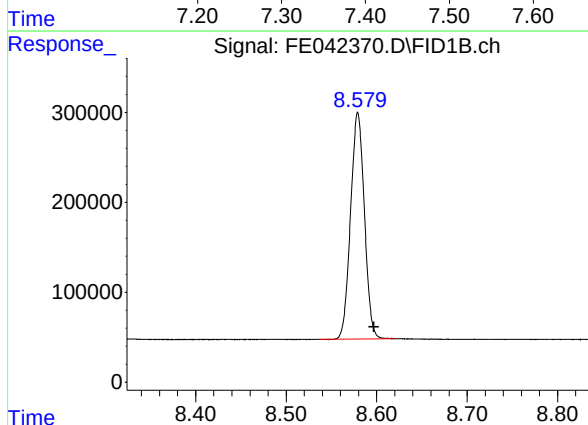
R.T.: 6.751 min
Delta R.T.: -0.018 min
Response: 2689938
Conc: 17.94 ug/ml



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

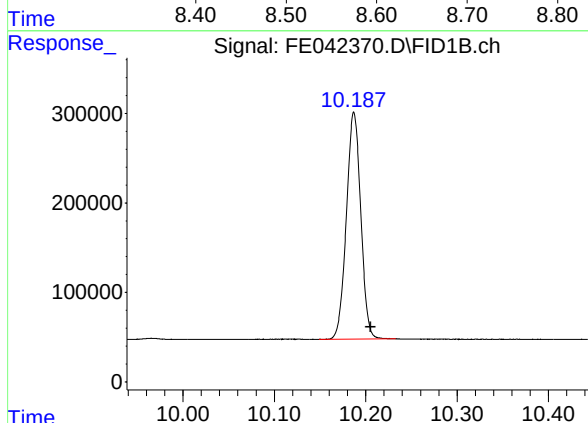
R.T.: 7.387 min
Delta R.T.: -0.017 min
Response: 2750296
Conc: 17.33 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



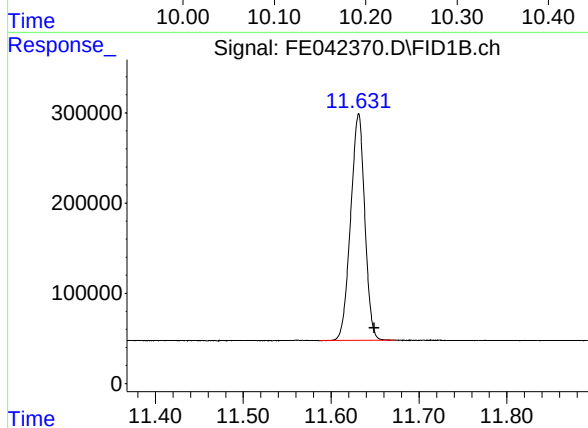
#6 n-Tetradecane (C14)

R.T.: 8.579 min
Delta R.T.: -0.018 min
Response: 2673090
Conc: 17.84 ug/ml



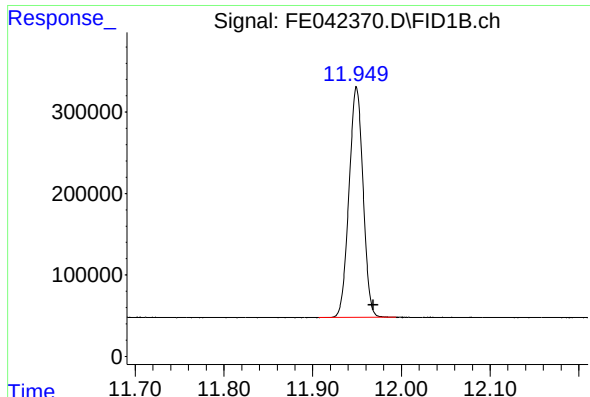
#7 n-Hexadecane (C16)

R.T.: 10.187 min
Delta R.T.: -0.018 min
Response: 2778278
Conc: 17.84 ug/ml



#8 n-Octadecane (C18)

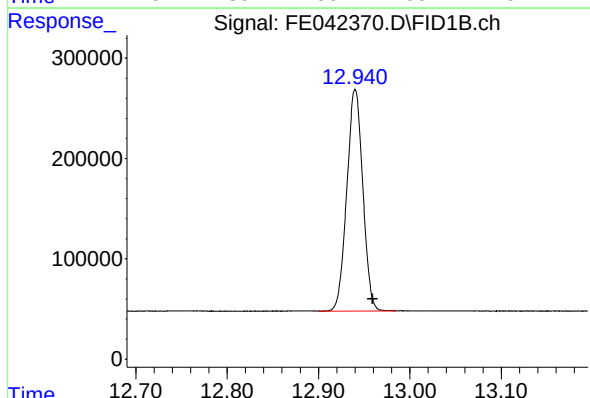
R.T.: 11.631 min
Delta R.T.: -0.018 min
Response: 2810903
Conc: 17.78 ug/ml



#9 ortho-Terphenyl (SURR)

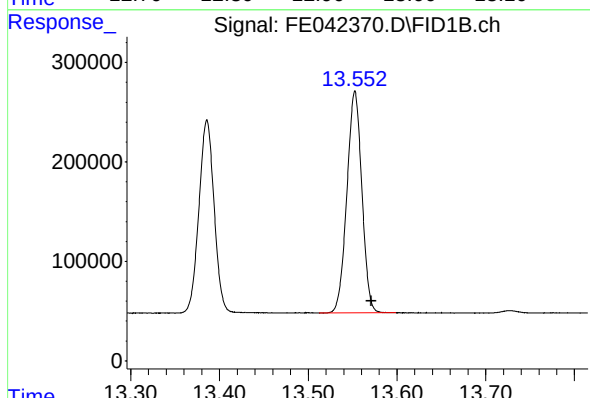
R.T.: 11.949 min
Delta R.T.: -0.019 min
Response: 3110430
Conc: 17.62 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



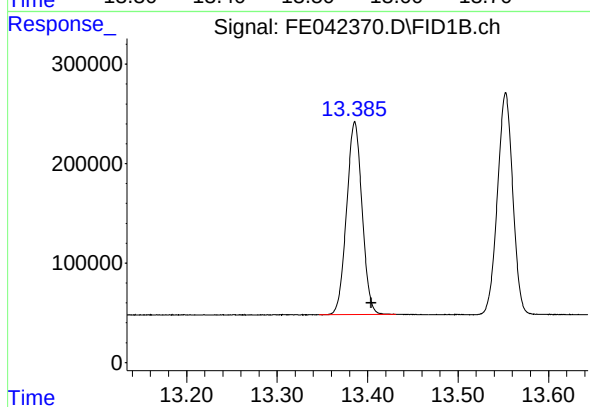
#10 n-Eicosane (C20)

R.T.: 12.940 min
Delta R.T.: -0.019 min
Response: 2685843
Conc: 17.72 ug/ml



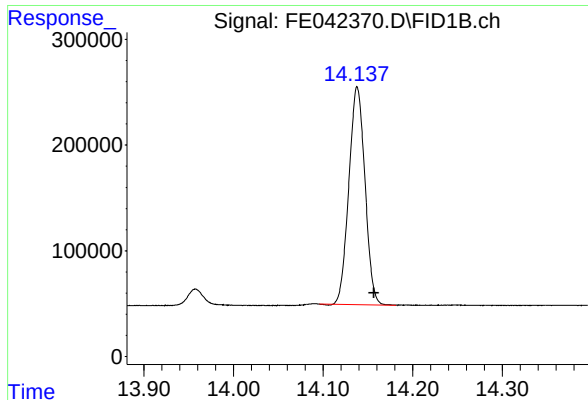
#11 n-Heneicosane (C21)

R.T.: 13.553 min
Delta R.T.: -0.018 min
Response: 2614384
Conc: 17.65 ug/ml



#12 1-chlorooctadecane (SURR)

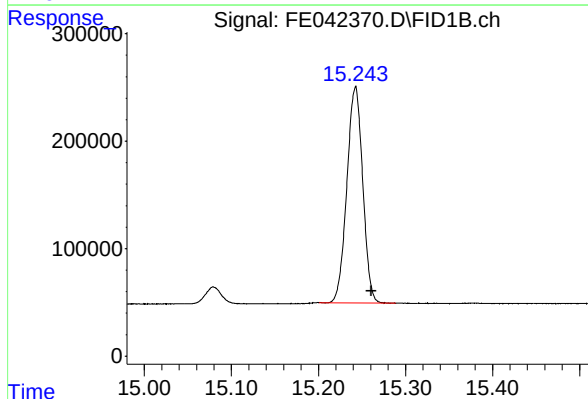
R.T.: 13.386 min
Delta R.T.: -0.018 min
Response: 2301785
Conc: 17.32 ug/ml



#13 n-Docosane (C22)

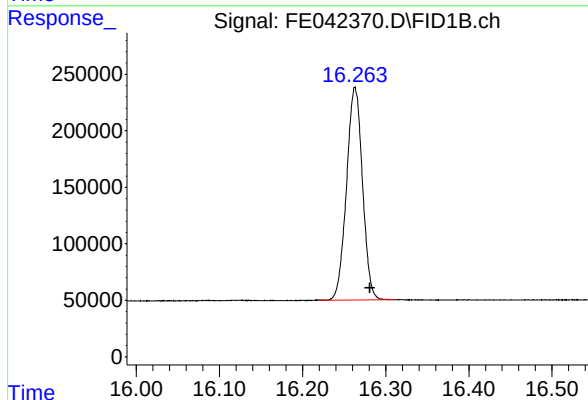
R.T.: 14.138 min
Delta R.T.: -0.019 min
Response: 2573386
Conc: 17.55 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



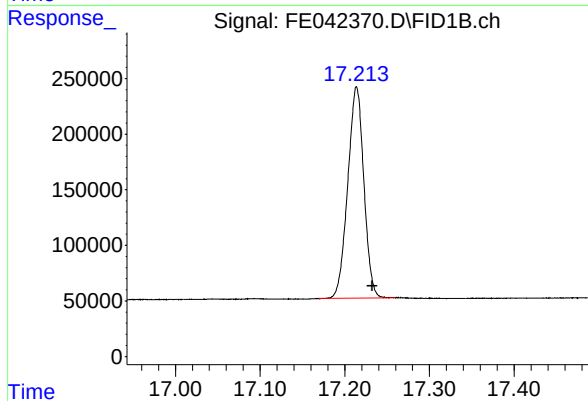
#14 n-Tetracosane (C24)

R.T.: 15.243 min
Delta R.T.: -0.018 min
Response: 2549964
Conc: 17.66 ug/ml



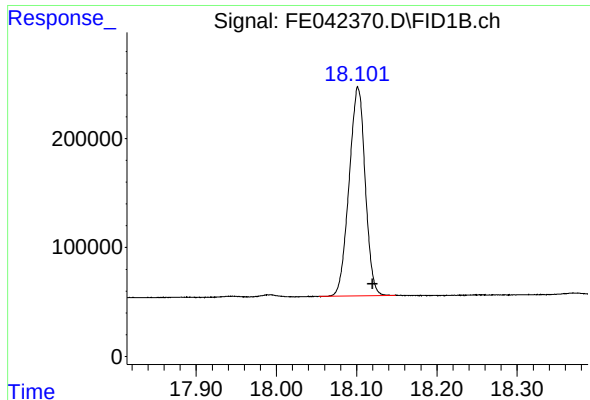
#15 n-Hexacosane (C26)

R.T.: 16.263 min
Delta R.T.: -0.018 min
Response: 2509231
Conc: 18.12 ug/ml



#16 n-Octacosane (C28)

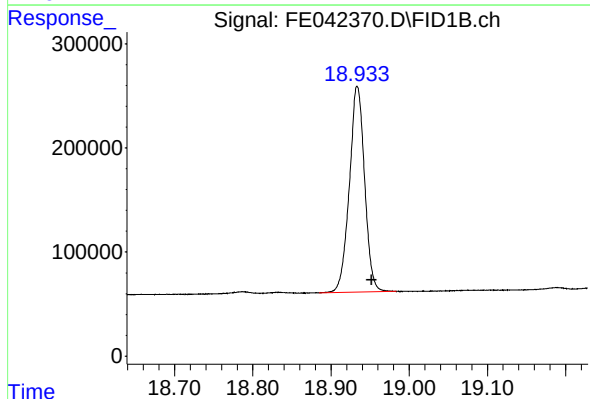
R.T.: 17.214 min
Delta R.T.: -0.018 min
Response: 2508062
Conc: 18.73 ug/ml



#17 n-Tricontane (C30)

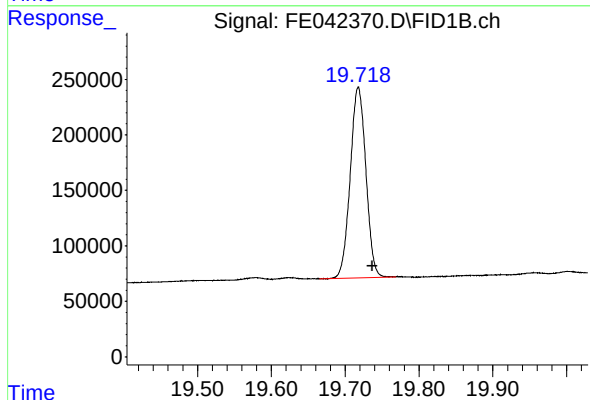
R.T.: 18.102 min
Delta R.T.: -0.018 min
Response: 2676738
Conc: 19.83 ug/ml

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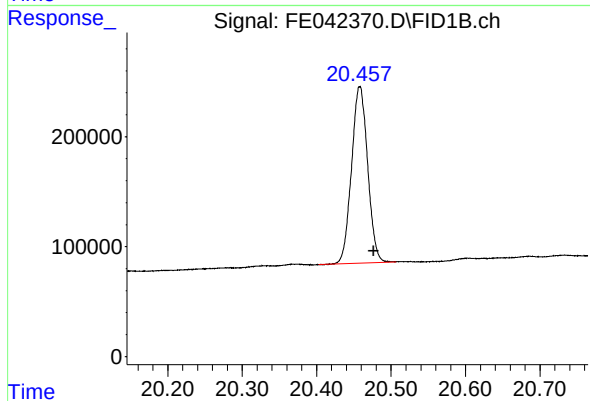
#18 n-Dotriacontane (C32)

R.T.: 18.934 min
Delta R.T.: -0.018 min
Response: 2676695
Conc: 20.04 ug/ml



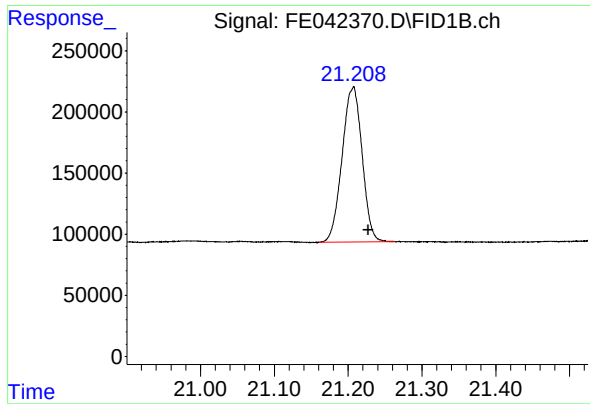
#19 n-Tetratriacontane (C34)

R.T.: 19.718 min
Delta R.T.: -0.019 min
Response: 2528263
Conc: 19.22 ug/ml



#20 n-Hexatriacontane (C36)

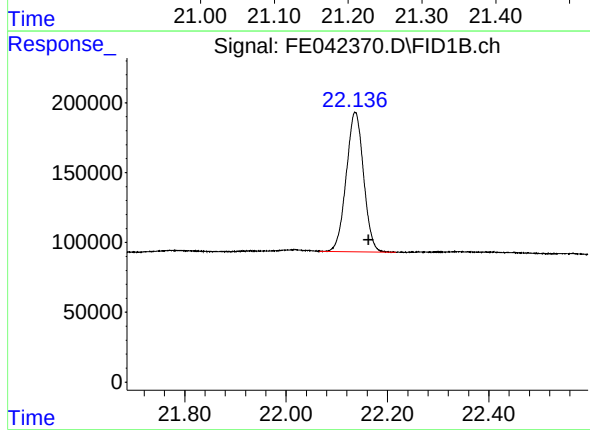
R.T.: 20.458 min
Delta R.T.: -0.019 min
Response: 2416873
Conc: 18.60 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.207 min
Delta R.T.: -0.020 min
Response: 2388653
Conc: 17.61 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.136 min
Delta R.T.: -0.027 min
Response: 2372071
Conc: 17.05 ug/ml