

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE121523AL\
 Data File : FE045858.D
 Signal(s) : FID1B.ch
 Acq On : 15 Dec 2023 13:31
 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: Dec 15 22:35:35 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 113023.M
 Quant Title : GC Extractables
 QLast Update : Thu Nov 30 12:25:07 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)	11.838	3739385	17.882 ug/ml
Spiked Amount 50.000		Recovery =	35.76%
12) S 1-chlorooctadecane (S...	13.280	2729325	17.346 ug/ml
Spiked Amount 50.000		Recovery =	34.69%
Target Compounds			
1) T n-Nonane (C9)	3.228	3216612	20.284 ug/ml
2) T n-Decane (C10)	4.479	3255742	20.331 ug/ml
3) T A~Naphthalene (C11.7)	6.178	3503538	20.113 ug/ml
4) T n-Dodecane (C12)	6.646	3279961	20.306 ug/ml
5) T A~2-methylnaphthalene...	7.274	3368549	19.836 ug/ml
6) T n-Tetradecane (C14)	8.472	3240290	20.198 ug/ml
7) T n-Hexadecane (C16)	10.081	3243119	19.585 ug/ml
8) T n-Octadecane (C18)	11.525	3212377	18.737 ug/ml
10) T n-Eicosane (C20)	12.836	3069863	17.743 ug/ml
11) T n-Heneicosane (C21)	13.449	2991887	17.392 ug/ml
13) T n-Docosane (C22)	14.035	2931693	17.003 ug/ml
14) T n-Tetracosane (C24)	15.140	2840191	16.269 ug/ml
15) T n-Hexacosane (C26)	16.162	2769642	15.903 ug/ml
16) T n-Octacosane (C28)	17.114	2709407	15.676 ug/ml
17) T n-Tricontane (C30)	18.002	2734740	15.632 ug/ml
18) T n-Dotriacontane (C32)	18.836	2762069	15.140 ug/ml
19) T n-Tetratriacontane (C34)	19.623	2747640	16.559 ug/ml
20) T n-Hexatriacontane (C36)	20.365	2830678	17.832 ug/ml
21) T n-Octatriacontane (C38)	21.096	2851296	18.182 ug/ml
22) T n-Tetracontane (C40)	21.989	3107833	21.868 ug/ml

(f)=RT Delta > 1/2 Window

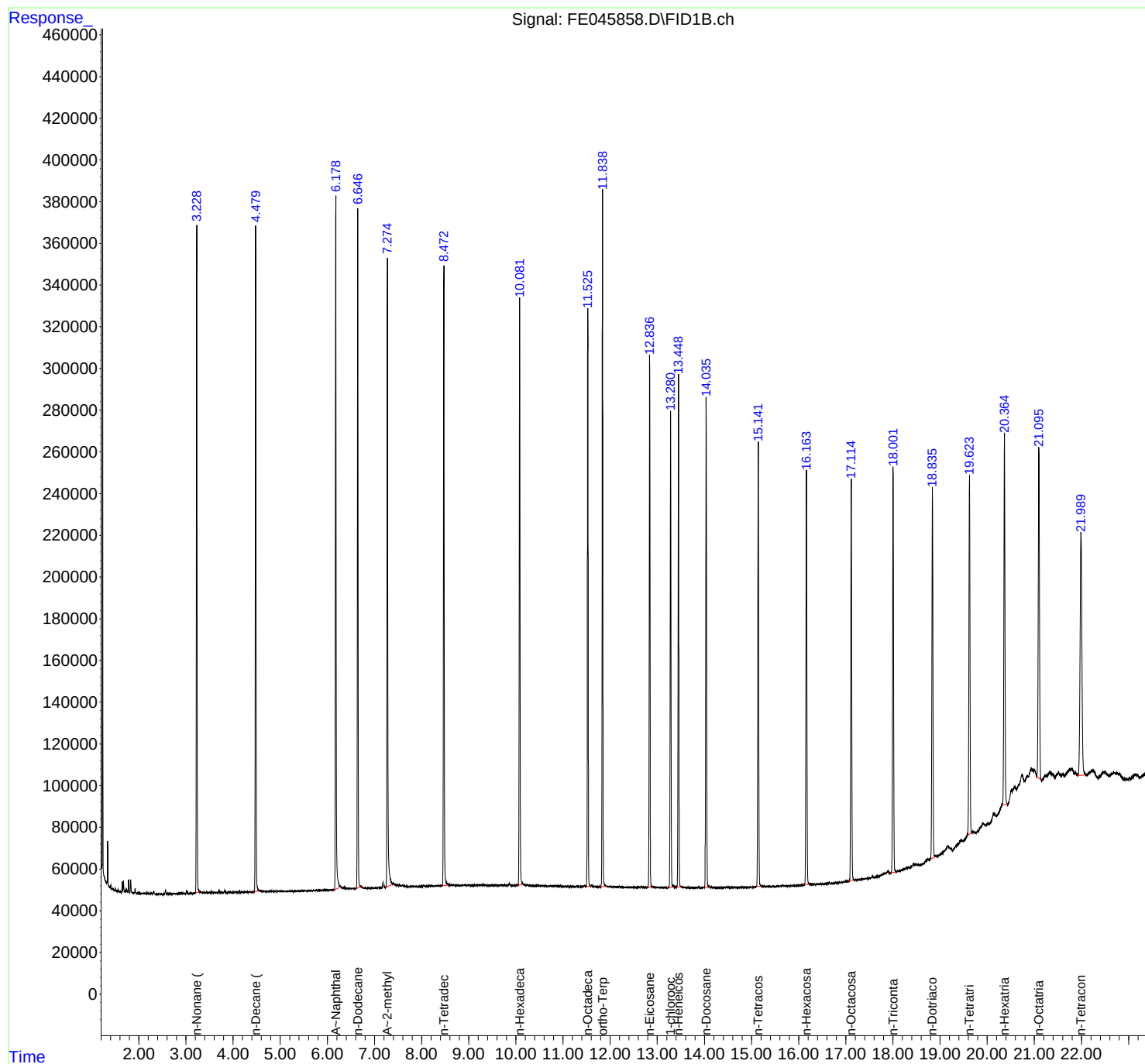
(m)=manual int.

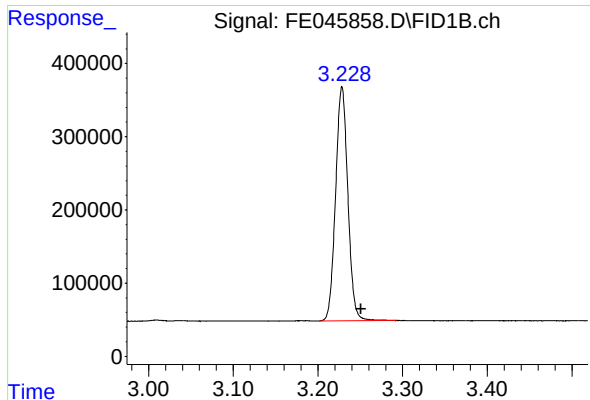
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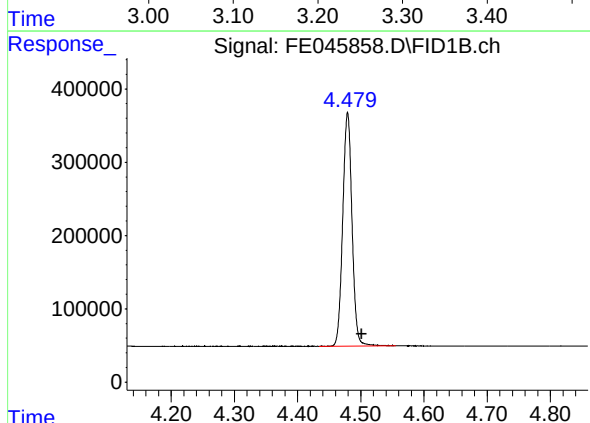




#1 n-Nonane (C9)

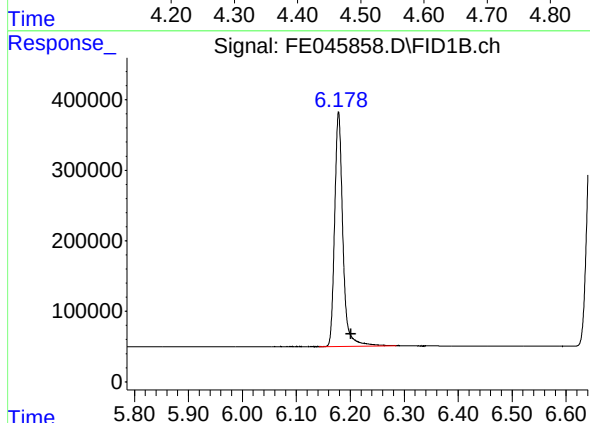
R.T.: 3.228 min
Delta R.T.: -0.023 min
Response: 3216612
Conc: 20.28 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



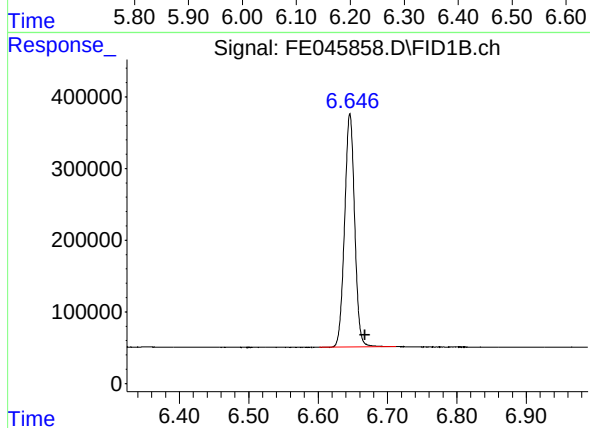
#2 n-Decane (C10)

R.T.: 4.479 min
Delta R.T.: -0.022 min
Response: 3255742
Conc: 20.33 ug/ml



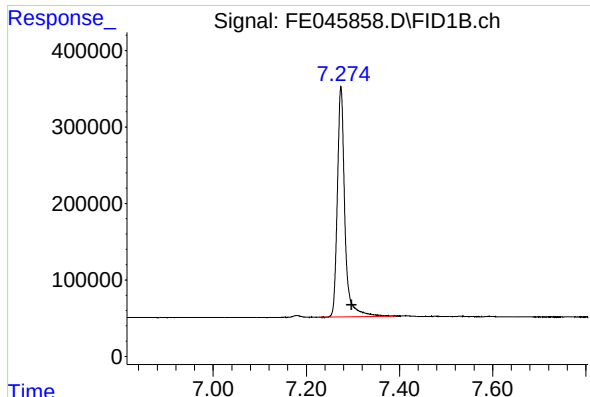
#3 A~Naphthalene (C11.7)

R.T.: 6.178 min
Delta R.T.: -0.023 min
Response: 3503538
Conc: 20.11 ug/ml



#4 n-Dodecane (C12)

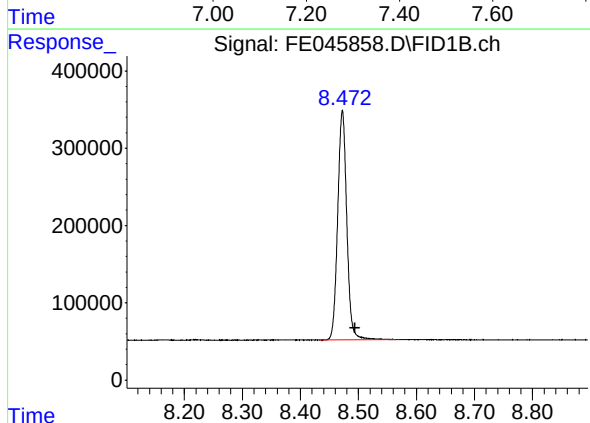
R.T.: 6.646 min
Delta R.T.: -0.021 min
Response: 3279961
Conc: 20.31 ug/ml



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

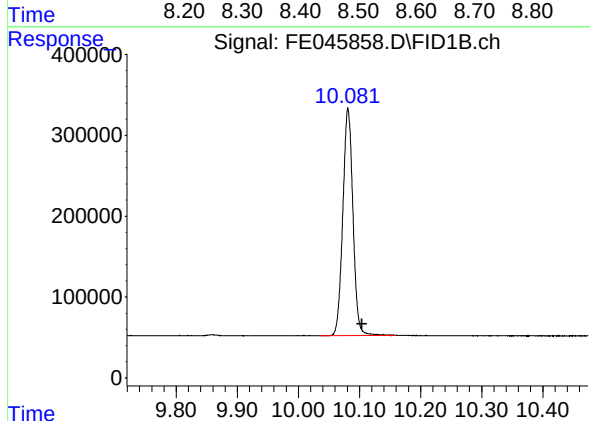
R.T.: 7.274 min
Delta R.T.: -0.023 min
Response: 3368549
Conc: 19.84 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



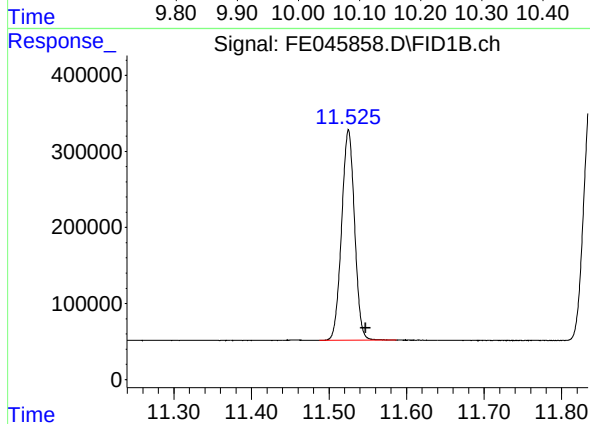
#6 n-Tetradecane (C14)

R.T.: 8.472 min
Delta R.T.: -0.022 min
Response: 3240290
Conc: 20.20 ug/ml



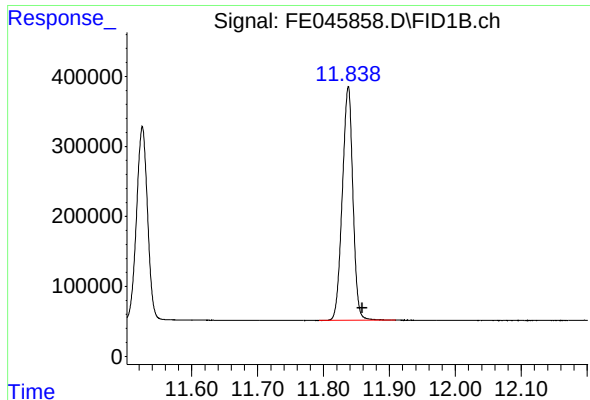
#7 n-Hexadecane (C16)

R.T.: 10.081 min
Delta R.T.: -0.023 min
Response: 3243119
Conc: 19.58 ug/ml



#8 n-Octadecane (C18)

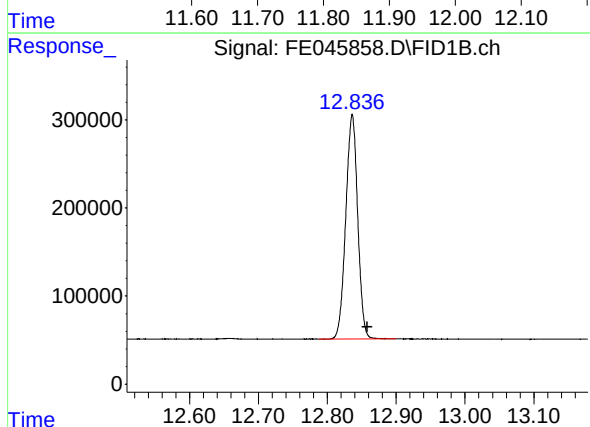
R.T.: 11.525 min
Delta R.T.: -0.022 min
Response: 3212377
Conc: 18.74 ug/ml



#9 ortho-Terphenyl (SURR)

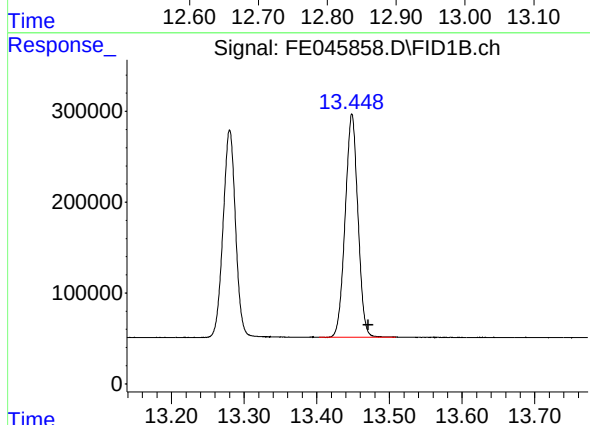
R.T.: 11.838 min
Delta R.T.: -0.021 min
Response: 3739385
Conc: 17.88 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



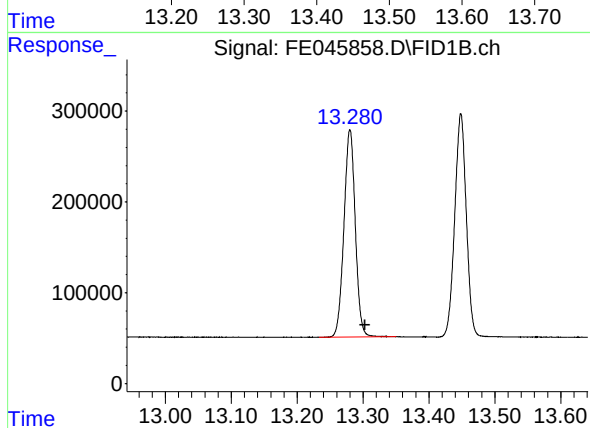
#10 n-Eicosane (C20)

R.T.: 12.836 min
Delta R.T.: -0.022 min
Response: 3069863
Conc: 17.74 ug/ml



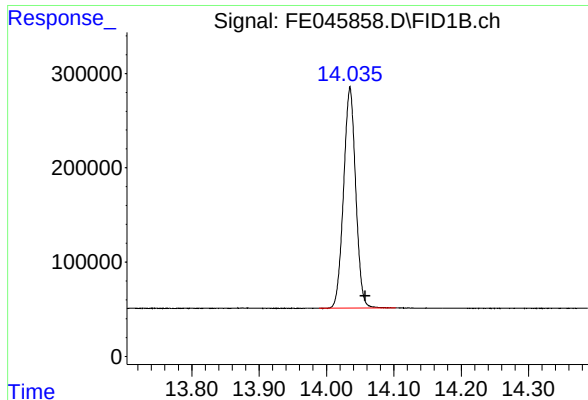
#11 n-Heneicosane (C21)

R.T.: 13.449 min
Delta R.T.: -0.023 min
Response: 2991887
Conc: 17.39 ug/ml



#12 1-chlorooctadecane (SURR)

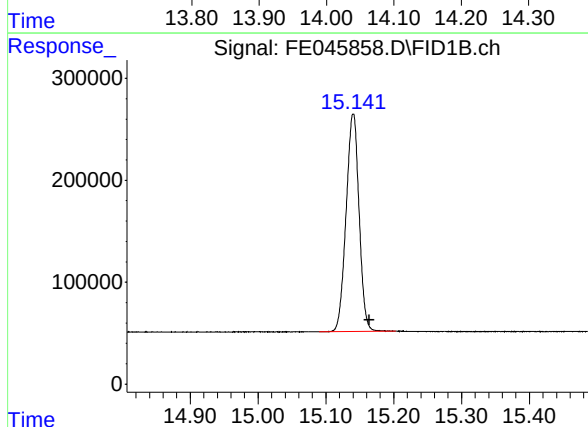
R.T.: 13.280 min
Delta R.T.: -0.023 min
Response: 2729325
Conc: 17.35 ug/ml



#13 n-Docosane (C22)

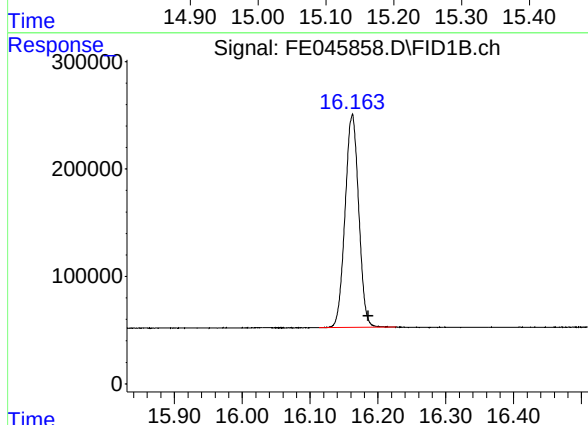
R.T.: 14.035 min
Delta R.T.: -0.023 min
Response: 2931693
Conc: 17.00 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



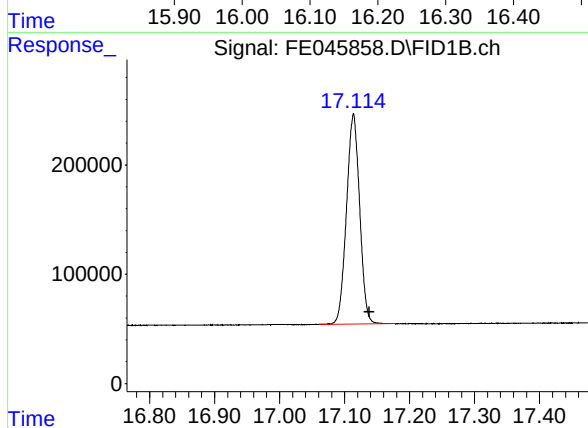
#14 n-Tetracosane (C24)

R.T.: 15.140 min
Delta R.T.: -0.024 min
Response: 2840191
Conc: 16.27 ug/ml



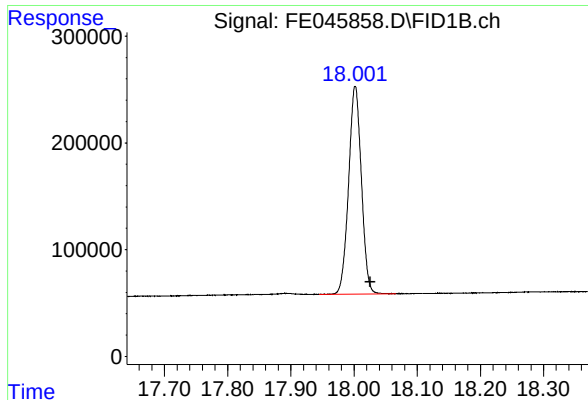
#15 n-Hexacosane (C26)

R.T.: 16.162 min
Delta R.T.: -0.024 min
Response: 2769642
Conc: 15.90 ug/ml



#16 n-Octacosane (C28)

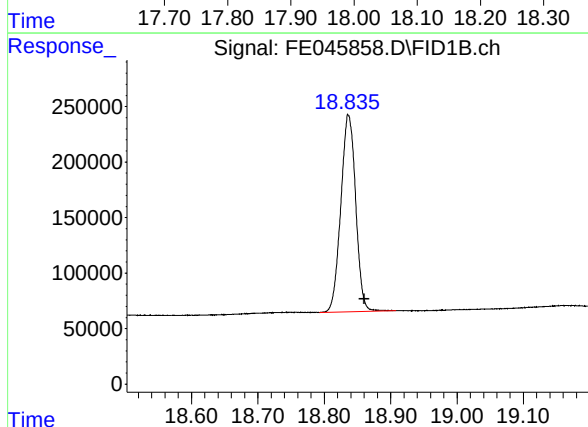
R.T.: 17.114 min
Delta R.T.: -0.024 min
Response: 2709407
Conc: 15.68 ug/ml



#17 n-Tricontane (C30)

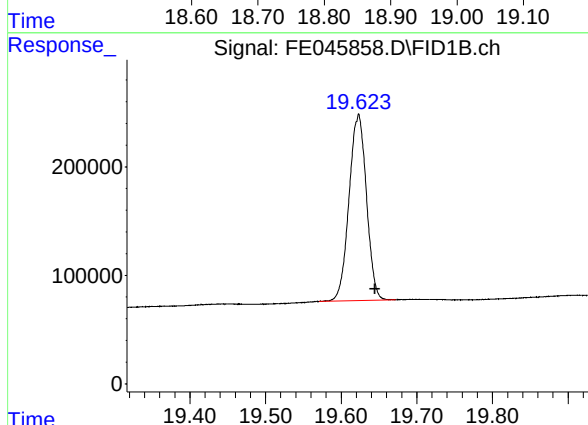
R.T.: 18.002 min
Delta R.T.: -0.024 min
Response: 2734740
Conc: 15.63 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



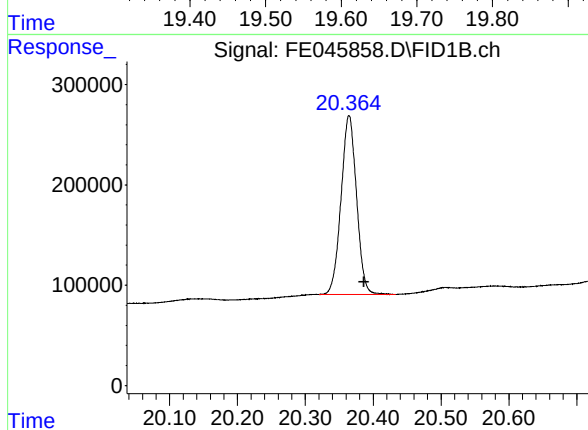
#18 n-Dotriacontane (C32)

R.T.: 18.836 min
Delta R.T.: -0.024 min
Response: 2762069
Conc: 15.14 ug/ml



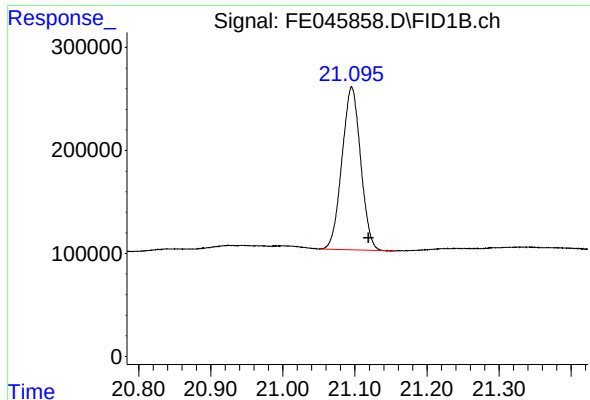
#19 n-Tetatriacontane (C34)

R.T.: 19.623 min
Delta R.T.: -0.022 min
Response: 2747640
Conc: 16.56 ug/ml



#20 n-Hexatriacontane (C36)

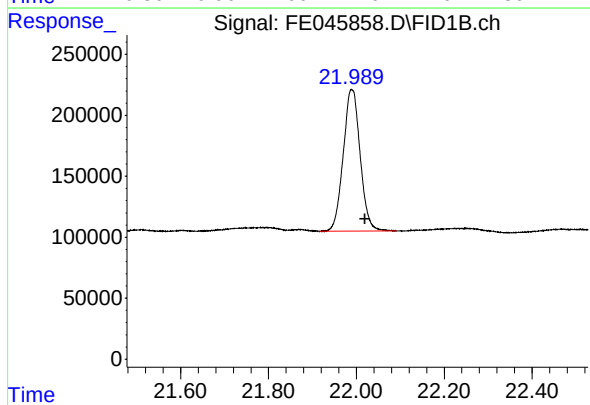
R.T.: 20.365 min
Delta R.T.: -0.022 min
Response: 2830678
Conc: 17.83 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.096 min
Delta R.T.: -0.023 min
Response: 2851296
Conc: 18.18 ug/ml

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20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 21.989 min
Delta R.T.: -0.030 min
Response: 3107833
Conc: 21.87 ug/ml