

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE012224AL\
 Data File : FE046330.D
 Signal(s) : FID1B.ch
 Acq On : 22 Jan 2024 10:31
 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: Jan 22 10:58:37 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 122923.M
 Quant Title : GC Extractables
 QLast Update : Fri Dec 29 03:49:54 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)	11.827	4230340	23.279 ug/ml
Spiked Amount 50.000		Recovery =	46.56%
12) S 1-chlorooctadecane (S...	13.270	3086845	23.103 ug/ml
Spiked Amount 50.000		Recovery =	46.21%
Target Compounds			
1) T n-Nonane (C9)	3.214	3353669	21.913 ug/ml
2) T n-Decane (C10)	4.464	3446983	22.210 ug/ml
3) T A~Naphthalene (C11.7)	6.168	3665251	22.039 ug/ml
4) T n-Dodecane (C12)	6.632	3485740	22.325 ug/ml
5) T A~2-methylnaphthalene...	7.264	3519485	22.106 ug/ml
6) T n-Tetradecane (C14)	8.458	3465680	22.248 ug/ml
7) T n-Hexadecane (C16)	10.068	3568101	22.532 ug/ml
8) T n-Octadecane (C18)	11.513	3597278	22.855 ug/ml
10) T n-Eicosane (C20)	12.824	3503196	23.157 ug/ml
11) T n-Heneicosane (C21)	13.438	3424680	23.289 ug/ml
13) T n-Docosane (C22)	14.025	3406593	23.305 ug/ml
14) T n-Tetracosane (C24)	15.130	3367674	23.220 ug/ml
15) T n-Hexacosane (C26)	16.153	3266496	22.784 ug/ml
16) T n-Octacosane (C28)	17.107	3230670	22.526 ug/ml
17) T n-Tricontane (C30)	17.997	3320928	22.343 ug/ml
18) T n-Dotriacontane (C32)	18.833	3342777	22.350 ug/ml
19) T n-Tetratriacontane (C34)	19.619	3303837	23.062 ug/ml
20) T n-Hexatriacontane (C36)	20.363	3084793	21.158 ug/ml
21) T n-Octatriacontane (C38)	21.095	3467511	23.515 ug/ml
22) T n-Tetracontane (C40)	21.993	3472740	22.186 ug/ml

(f)=RT Delta > 1/2 Window

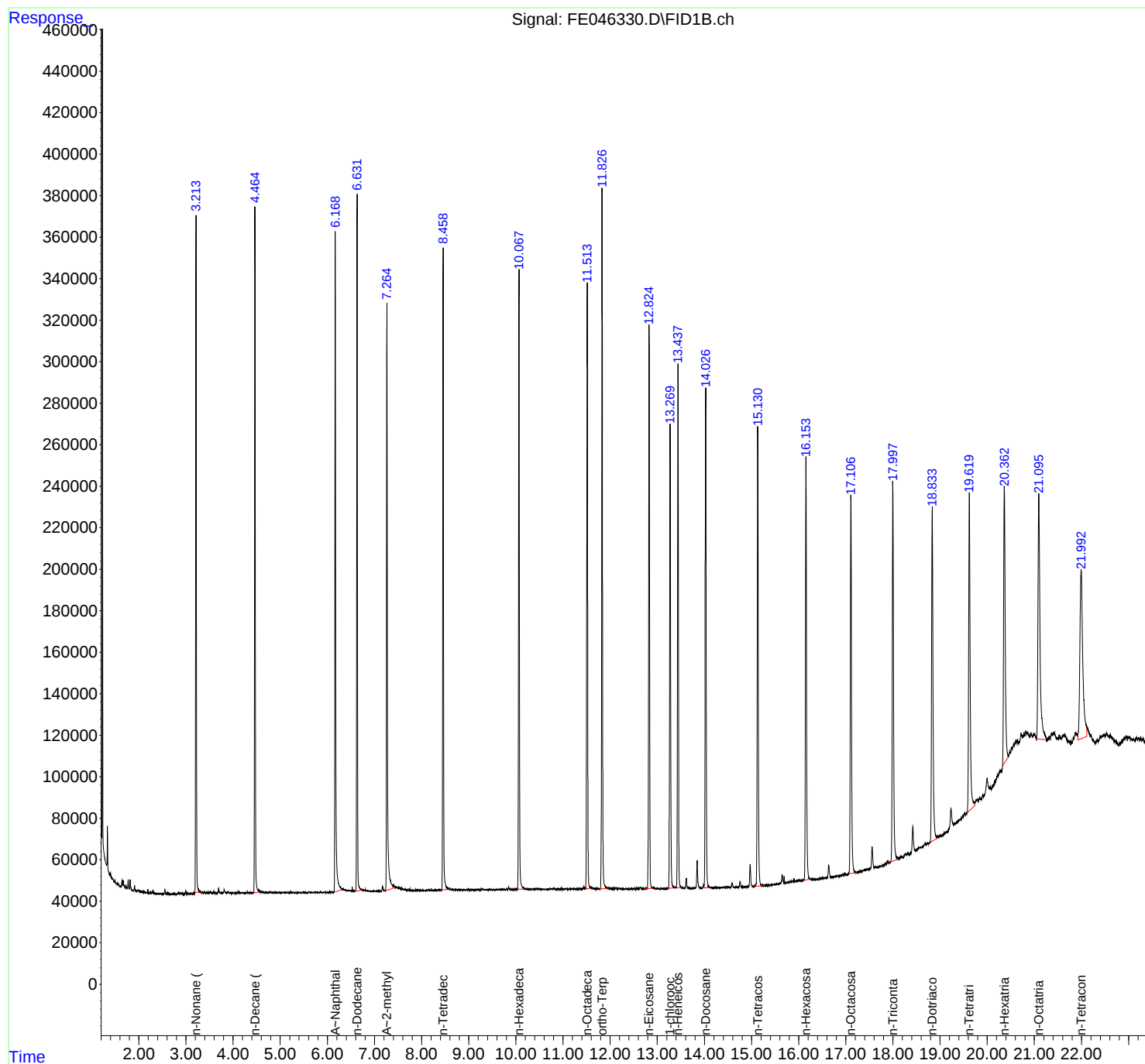
(m)=manual int.

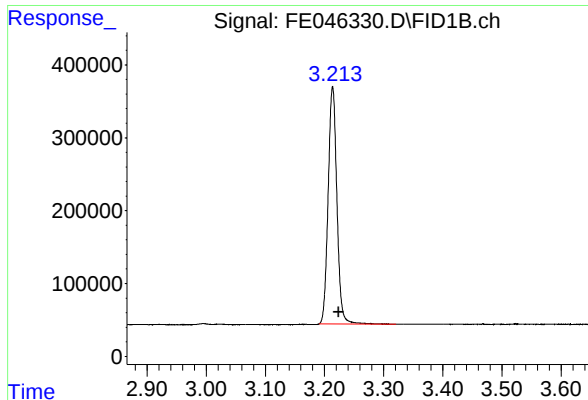
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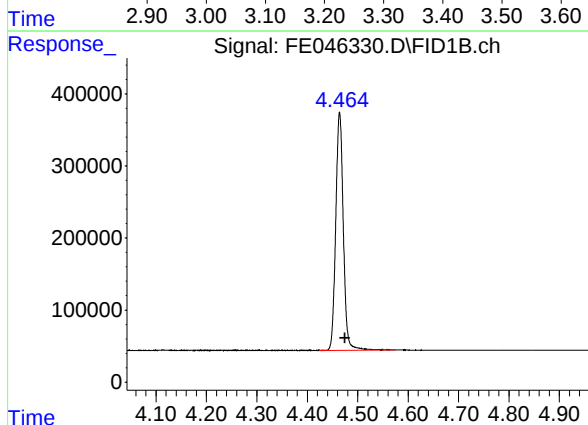




#1 n-Nonane (C9)

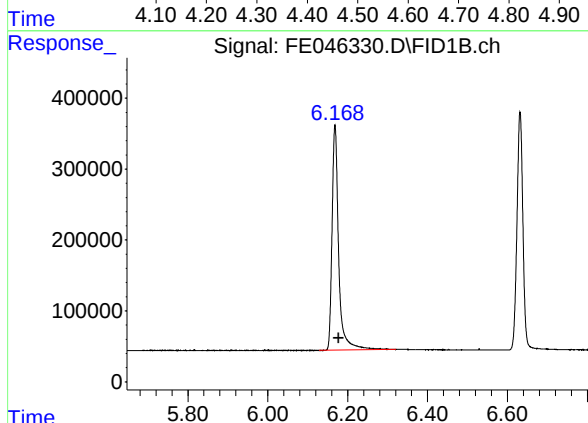
R.T.: 3.214 min
Delta R.T.: -0.010 min
Response: 3353669
Conc: 21.91 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



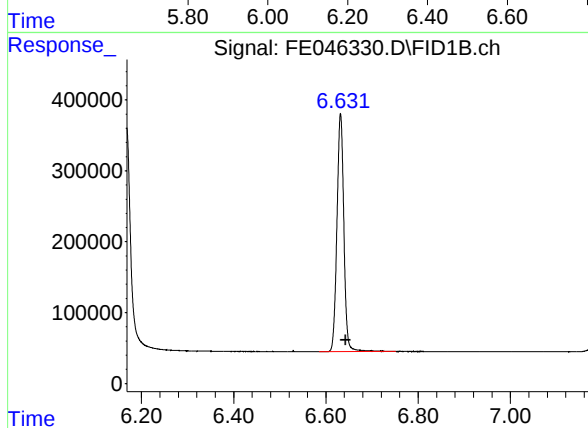
#2 n-Decane (C10)

R.T.: 4.464 min
Delta R.T.: -0.011 min
Response: 3446983
Conc: 22.21 ug/ml



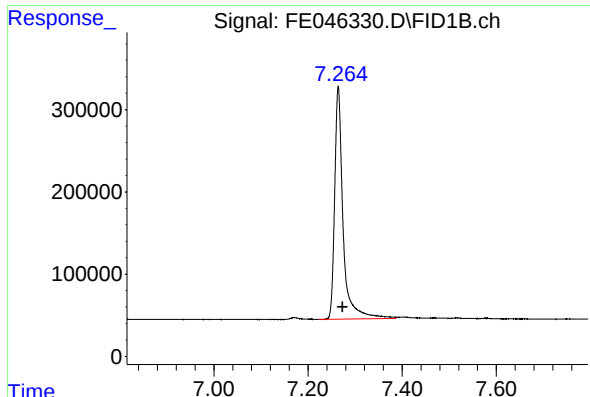
#3 A~Naphthalene (C11.7)

R.T.: 6.168 min
Delta R.T.: -0.009 min
Response: 3665251
Conc: 22.04 ug/ml



#4 n-Dodecane (C12)

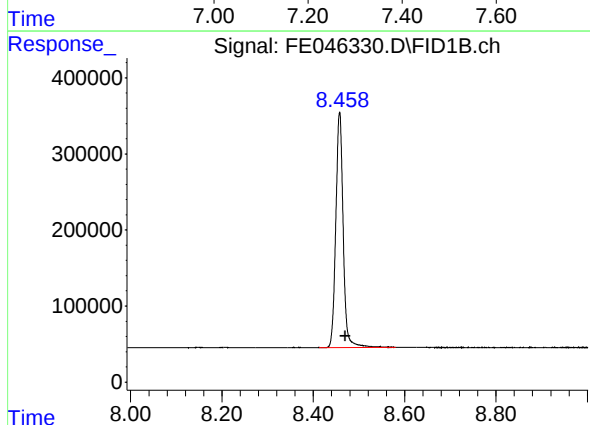
R.T.: 6.632 min
Delta R.T.: -0.011 min
Response: 3485740
Conc: 22.32 ug/ml



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

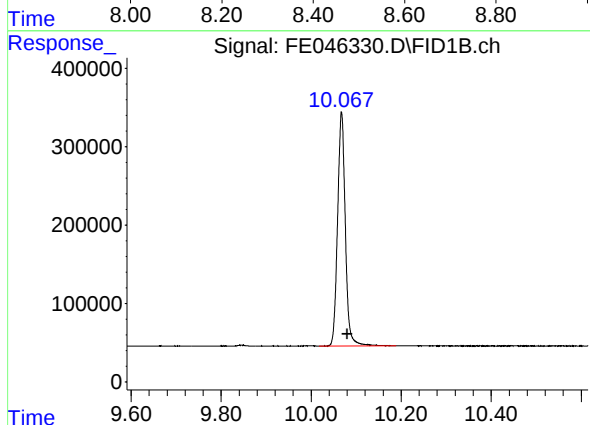
R.T.: 7.264 min
Delta R.T.: -0.010 min
Response: 3519485
Conc: 22.11 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



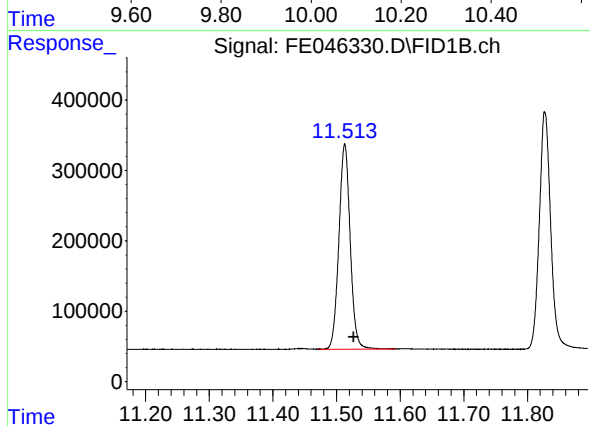
#6 n-Tetradecane (C14)

R.T.: 8.458 min
Delta R.T.: -0.012 min
Response: 3465680
Conc: 22.25 ug/ml



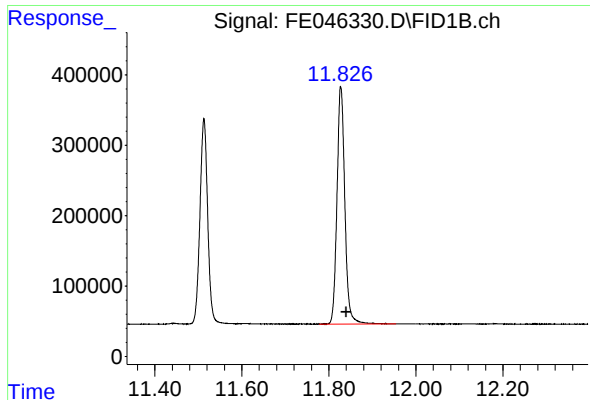
#7 n-Hexadecane (C16)

R.T.: 10.068 min
Delta R.T.: -0.013 min
Response: 3568101
Conc: 22.53 ug/ml



#8 n-Octadecane (C18)

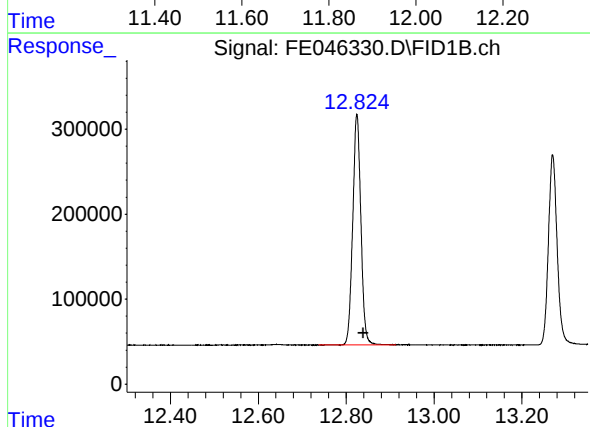
R.T.: 11.513 min
Delta R.T.: -0.014 min
Response: 3597278
Conc: 22.86 ug/ml



#9 ortho-Terphenyl (SURR)

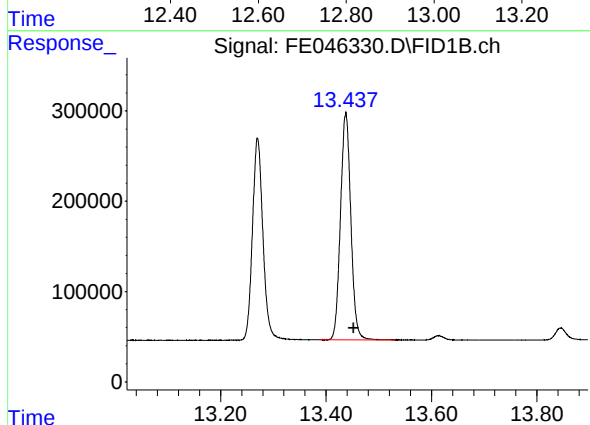
R.T.: 11.827 min
Delta R.T.: -0.013 min
Response: 4230340
Conc: 23.28 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



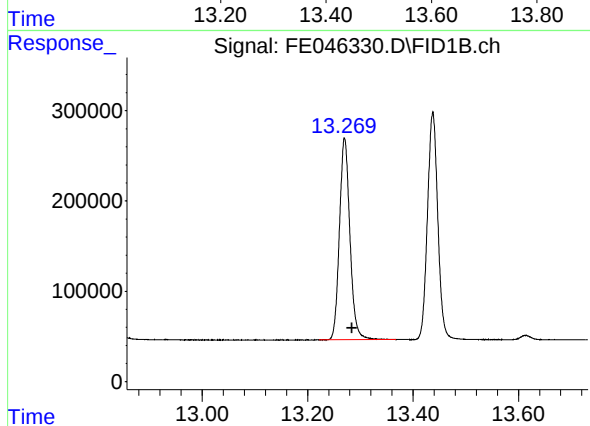
#10 n-Eicosane (C20)

R.T.: 12.824 min
Delta R.T.: -0.014 min
Response: 3503196
Conc: 23.16 ug/ml



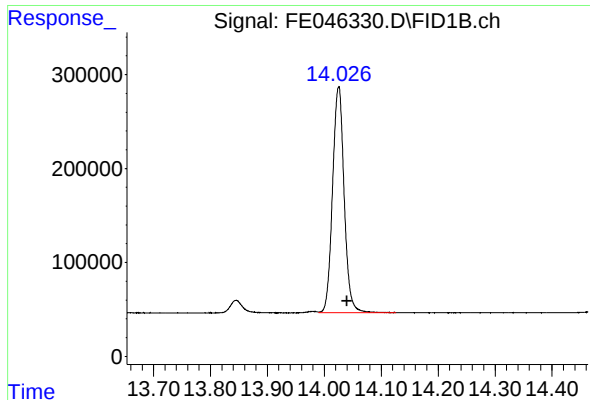
#11 n-Heneicosane (C21)

R.T.: 13.438 min
Delta R.T.: -0.015 min
Response: 3424680
Conc: 23.29 ug/ml



#12 1-chlorooctadecane (SURR)

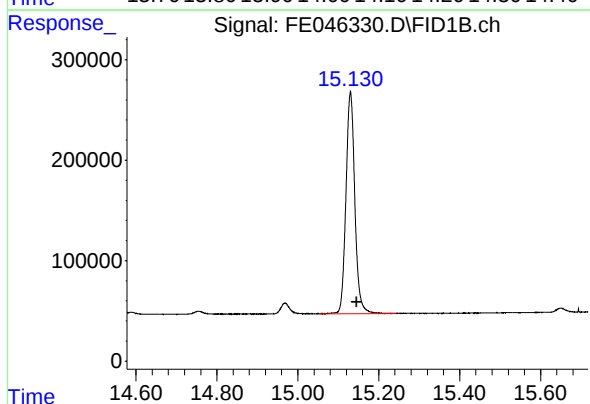
R.T.: 13.270 min
Delta R.T.: -0.014 min
Response: 3086845
Conc: 23.10 ug/ml



#13 n-Docosane (C22)

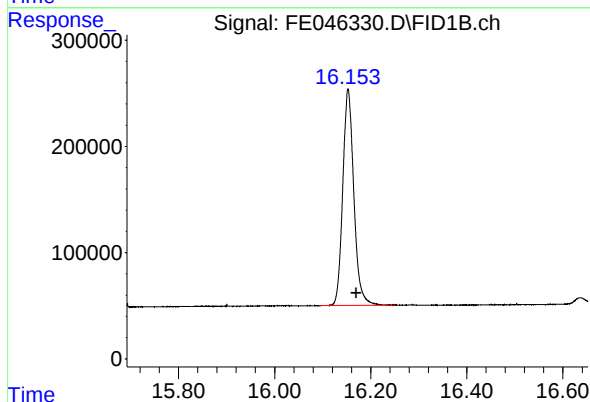
R.T.: 14.025 min
Delta R.T.: -0.014 min
Response: 3406593
Conc: 23.31 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



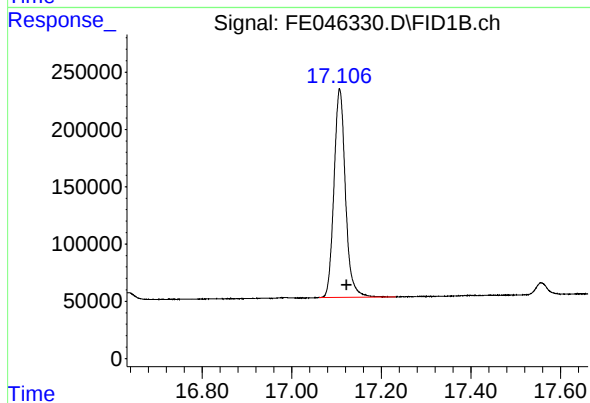
#14 n-Tetracosane (C24)

R.T.: 15.130 min
Delta R.T.: -0.015 min
Response: 3367674
Conc: 23.22 ug/ml



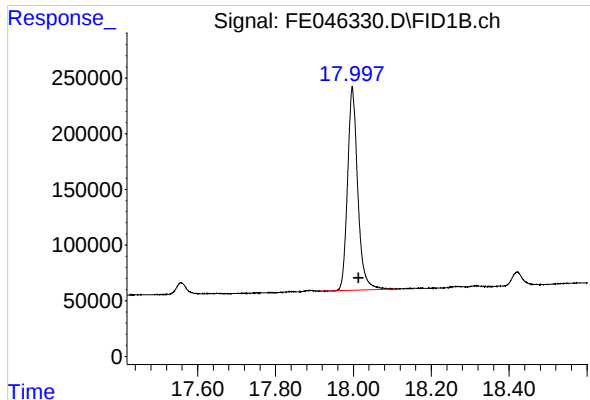
#15 n-Hexacosane (C26)

R.T.: 16.153 min
Delta R.T.: -0.017 min
Response: 3266496
Conc: 22.78 ug/ml



#16 n-Octacosane (C28)

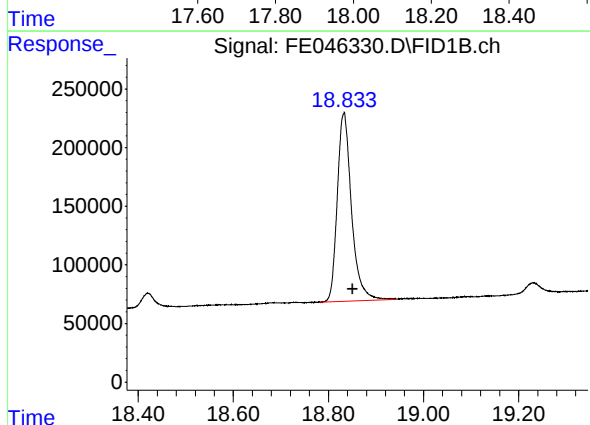
R.T.: 17.107 min
Delta R.T.: -0.016 min
Response: 3230670
Conc: 22.53 ug/ml



#17 n-Tricontane (C30)

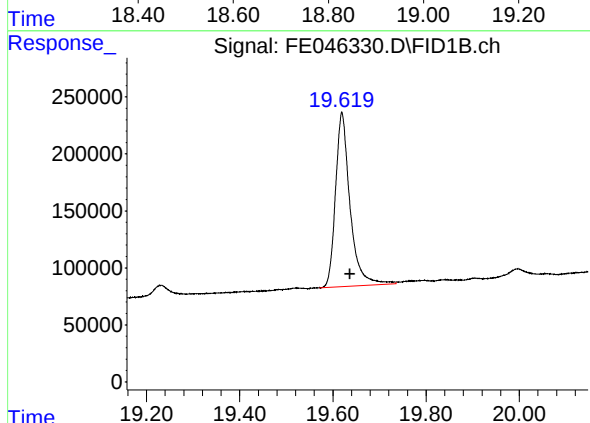
R.T.: 17.997 min
Delta R.T.: -0.017 min
Response: 3320928
Conc: 22.34 ug/ml

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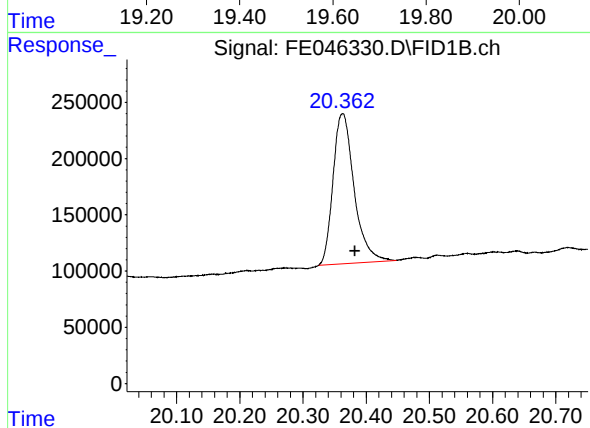
#18 n-Dotriacontane (C32)

R.T.: 18.833 min
Delta R.T.: -0.019 min
Response: 3342777
Conc: 22.35 ug/ml



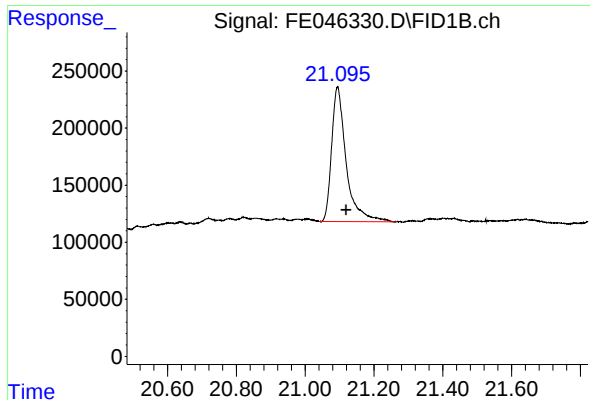
#19 n-Tetratriacontane (C34)

R.T.: 19.619 min
Delta R.T.: -0.017 min
Response: 3303837
Conc: 23.06 ug/ml



#20 n-Hexatriacontane (C36)

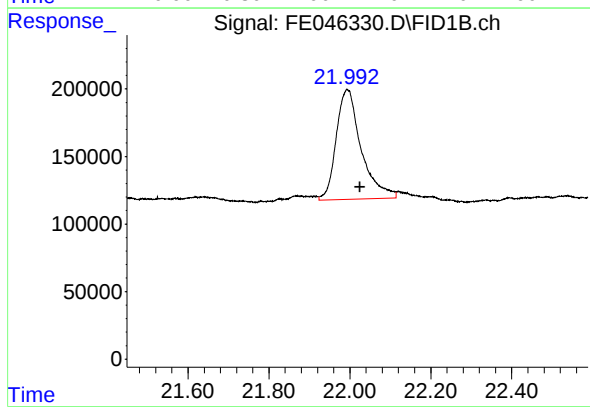
R.T.: 20.363 min
Delta R.T.: -0.019 min
Response: 3084793
Conc: 21.16 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.095 min
Delta R.T.: -0.025 min
Response: 3467511
Conc: 23.52 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 21.993 min
Delta R.T.: -0.032 min
Response: 3472740
Conc: 22.19 ug/ml