

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE011624AL\
 Data File : FE046246.D
 Signal(s) : FID1B.ch
 Acq On : 16 Jan 2024 10:25
 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 17 01:17:17 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)	11.829	4172737	22.962 ug/ml
Spiked Amount 50.000		Recovery =	45.92%
12) S 1-chlorooctadecane (S...	13.272	3058786	22.893 ug/ml
Spiked Amount 50.000		Recovery =	45.79%
Target Compounds			
1) T n-Nonane (C9)	3.214	3193969	20.869 ug/ml
2) T n-Decane (C10)	4.465	3383083	21.799 ug/ml
3) T A~Naphthalene (C11.7)	6.168	3603515	21.668 ug/ml
4) T n-Dodecane (C12)	6.633	3456842	22.140 ug/ml
5) T A~2-methylnaphthalene...	7.264	3526514	22.150 ug/ml
6) T n-Tetradecane (C14)	8.459	3447108	22.129 ug/ml
7) T n-Hexadecane (C16)	10.069	3538704	22.346 ug/ml
8) T n-Octadecane (C18)	11.514	3557435	22.602 ug/ml
10) T n-Eicosane (C20)	12.826	3438571	22.730 ug/ml
11) T n-Heneicosane (C21)	13.440	3373804	22.943 ug/ml
13) T n-Docosane (C22)	14.027	3330946	22.788 ug/ml
14) T n-Tetracosane (C24)	15.131	3264961	22.512 ug/ml
15) T n-Hexacosane (C26)	16.156	3175218	22.147 ug/ml
16) T n-Octacosane (C28)	17.108	3162852	22.053 ug/ml
17) T n-Tricontane (C30)	17.998	3335644	22.442 ug/ml
18) T n-Dotriacontane (C32)	18.832	3417348	22.849 ug/ml
19) T n-Tetratriacontane (C34)	19.621	3310624	23.110 ug/ml
20) T n-Hexatriacontane (C36)	20.363	3223129	22.106 ug/ml
21) T n-Octatriacontane (C38)	21.094	3424021	23.220 ug/ml
22) T n-Tetracontane (C40)	21.991	3514913	22.456 ug/ml

(f)=RT Delta > 1/2 Window

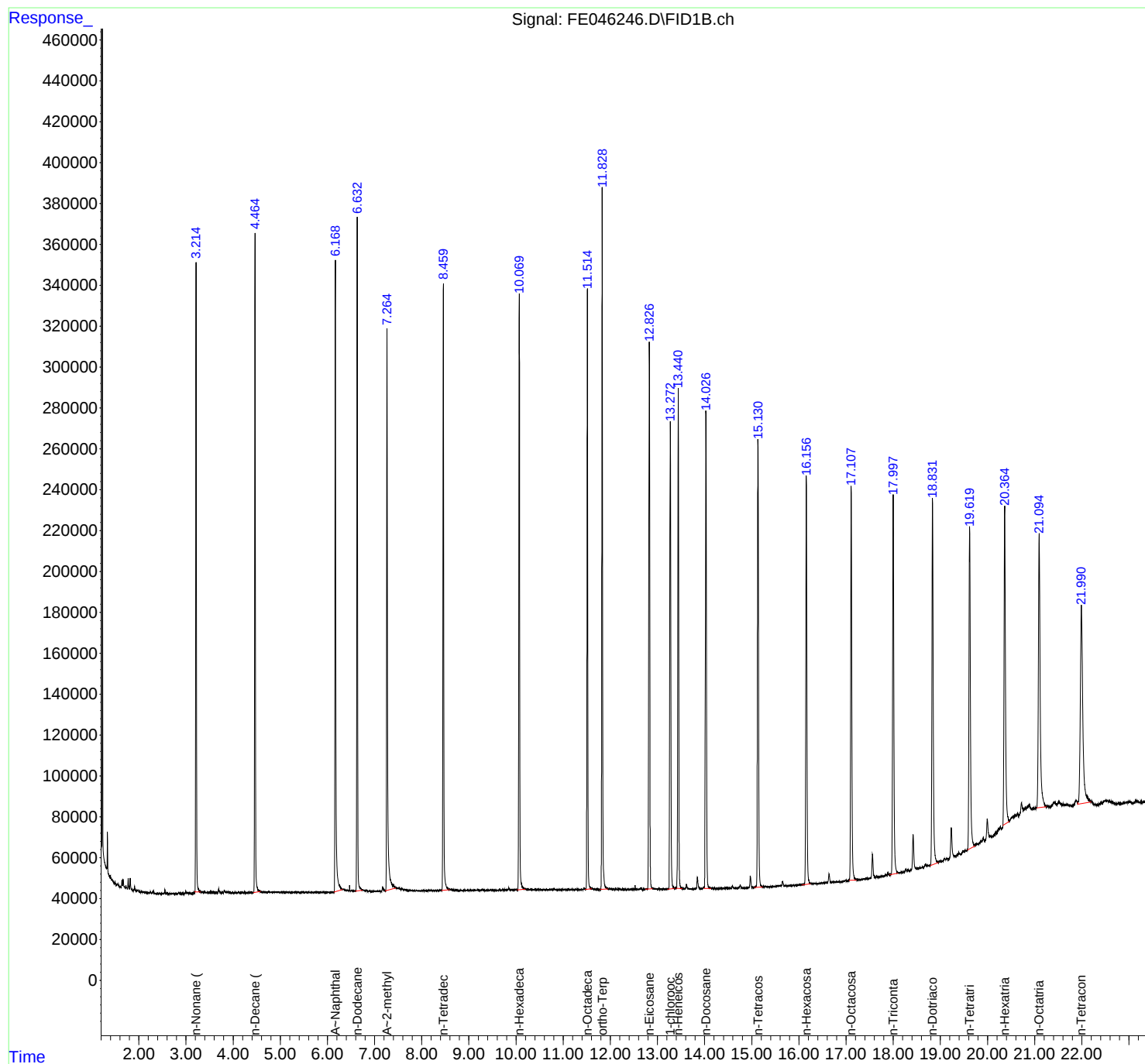
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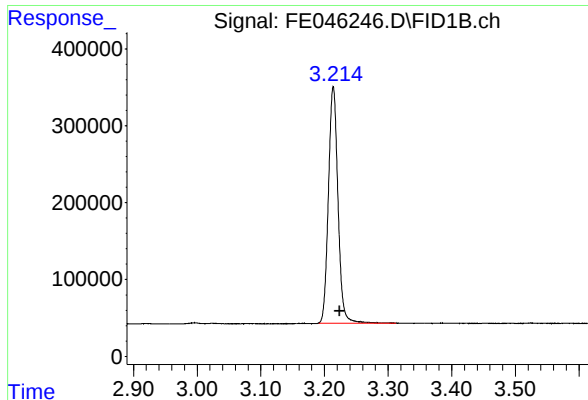
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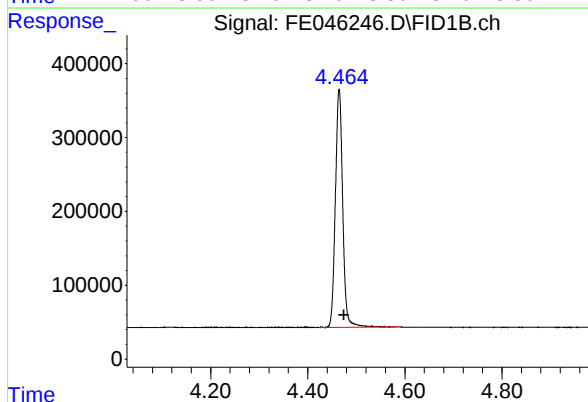




#1 n-Nonane (C9)

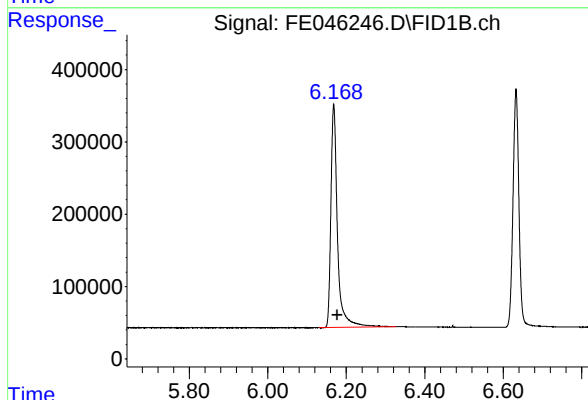
R.T.: 3.214 min
Delta R.T.: -0.010 min
Response: 3193969
Conc: 20.87 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



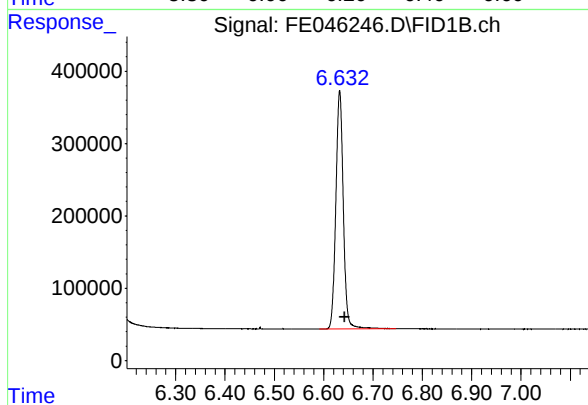
#2 n-Decane (C10)

R.T.: 4.465 min
Delta R.T.: -0.010 min
Response: 3383083
Conc: 21.80 ug/ml



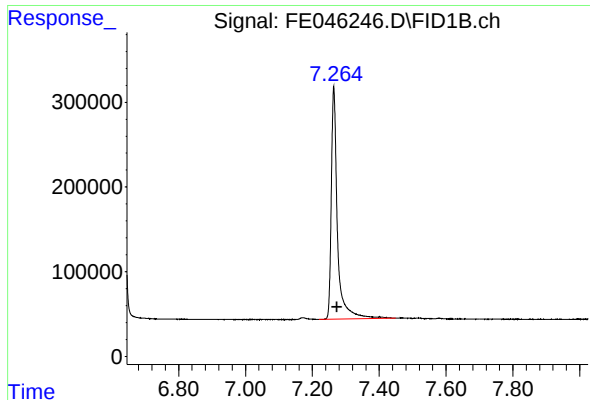
#3 A~Naphthalene (C11.7)

R.T.: 6.168 min
Delta R.T.: -0.009 min
Response: 3603515
Conc: 21.67 ug/ml



#4 n-Dodecane (C12)

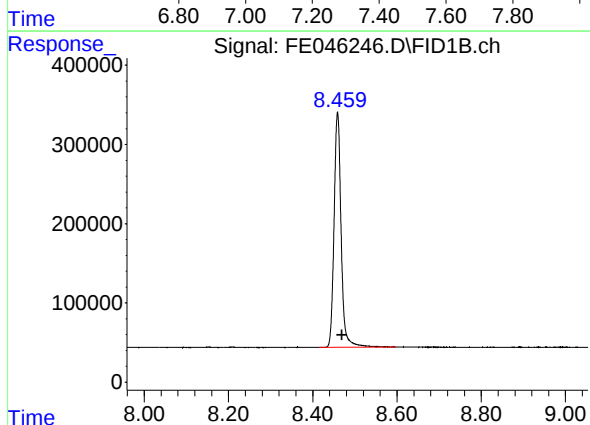
R.T.: 6.633 min
Delta R.T.: -0.010 min
Response: 3456842
Conc: 22.14 ug/ml



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

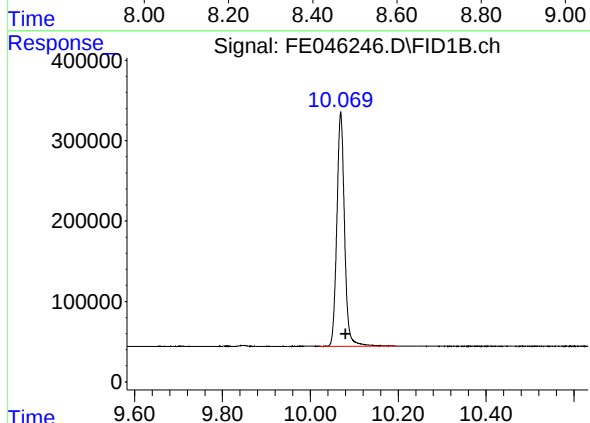
R.T.: 7.264 min
Delta R.T.: -0.010 min
Response: 3526514
Conc: 22.15 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



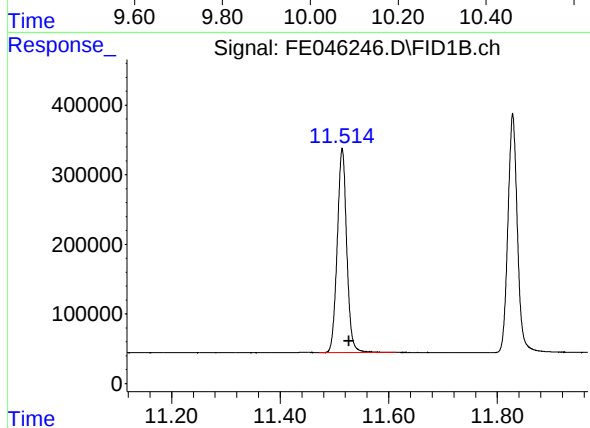
#6 n-Tetradecane (C14)

R.T.: 8.459 min
Delta R.T.: -0.011 min
Response: 3447108
Conc: 22.13 ug/ml



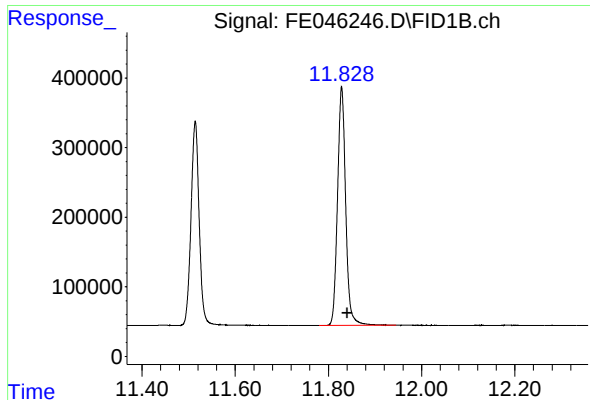
#7 n-Hexadecane (C16)

R.T.: 10.069 min
Delta R.T.: -0.011 min
Response: 3538704
Conc: 22.35 ug/ml



#8 n-Octadecane (C18)

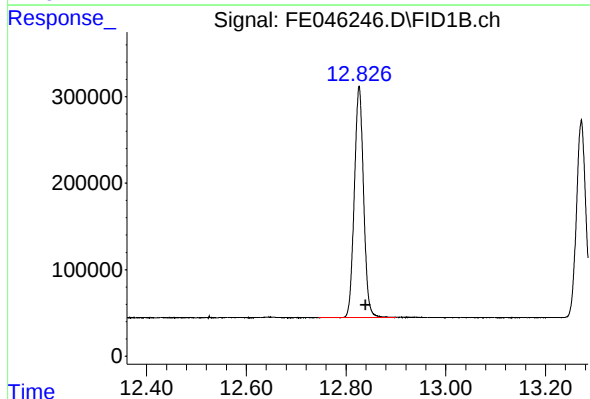
R.T.: 11.514 min
Delta R.T.: -0.012 min
Response: 3557435
Conc: 22.60 ug/ml



#9 ortho-Terphenyl (SURR)

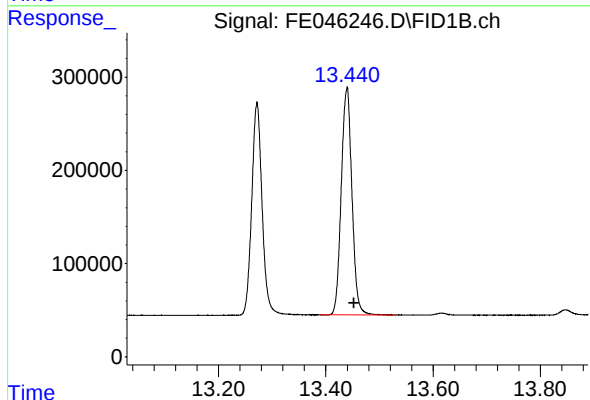
R.T.: 11.829 min
Delta R.T.: -0.012 min
Response: 4172737
Conc: 22.96 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



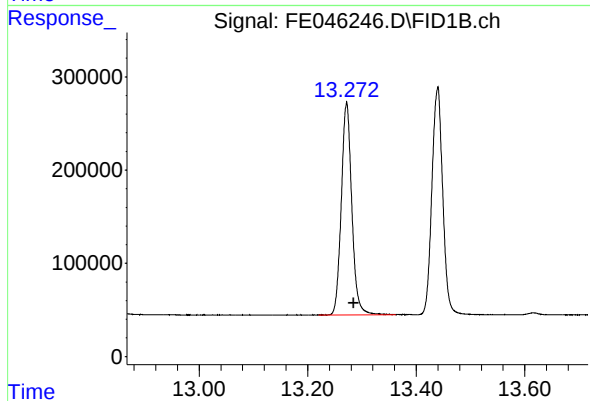
#10 n-Eicosane (C20)

R.T.: 12.826 min
Delta R.T.: -0.012 min
Response: 3438571
Conc: 22.73 ug/ml



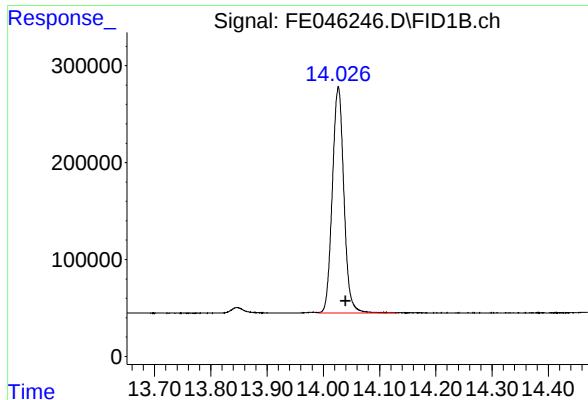
#11 n-Heneicosane (C21)

R.T.: 13.440 min
Delta R.T.: -0.013 min
Response: 3373804
Conc: 22.94 ug/ml



#12 1-chlorooctadecane (SURR)

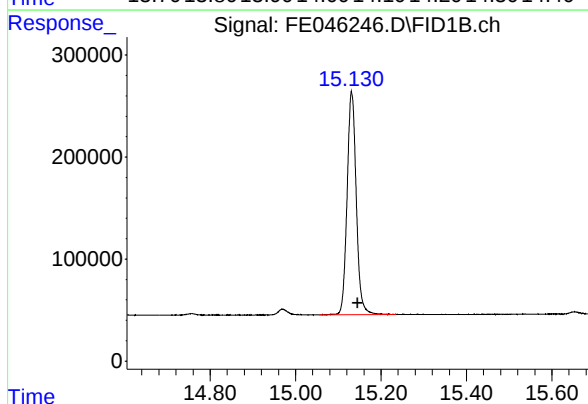
R.T.: 13.272 min
Delta R.T.: -0.013 min
Response: 3058786
Conc: 22.89 ug/ml



#13 n-Docosane (C22)

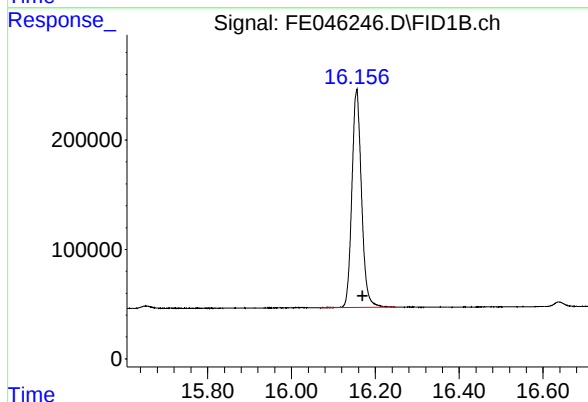
R.T.: 14.027 min
Delta R.T.: -0.013 min
Response: 3330946
Conc: 22.79 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



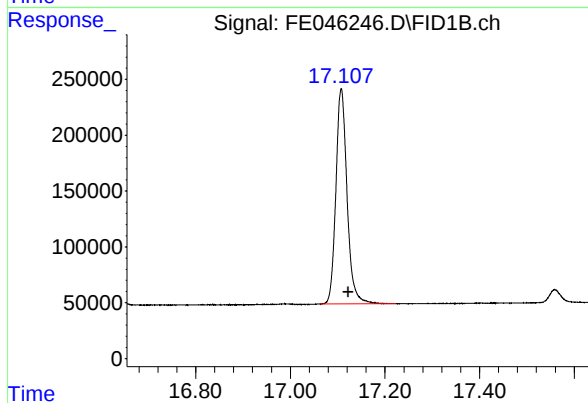
#14 n-Tetracosane (C24)

R.T.: 15.131 min
Delta R.T.: -0.014 min
Response: 3264961
Conc: 22.51 ug/ml



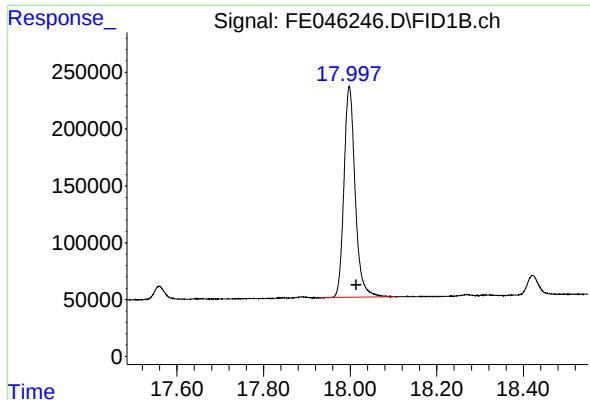
#15 n-Hexacosane (C26)

R.T.: 16.156 min
Delta R.T.: -0.014 min
Response: 3175218
Conc: 22.15 ug/ml



#16 n-Octacosane (C28)

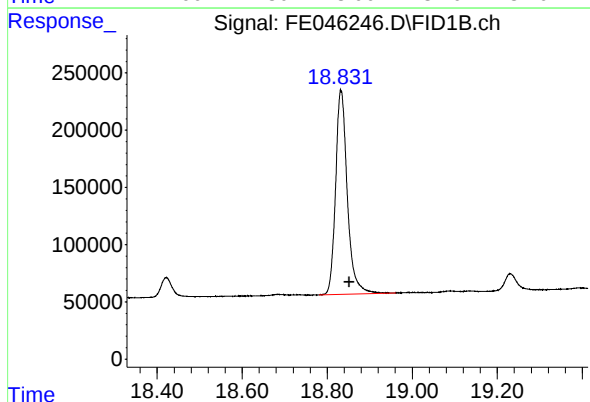
R.T.: 17.108 min
Delta R.T.: -0.015 min
Response: 3162852
Conc: 22.05 ug/ml



#17 n-Tricontane (C30)

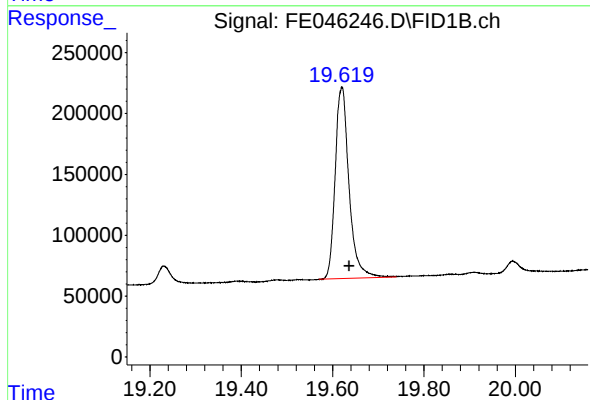
R.T.: 17.998 min
Delta R.T.: -0.016 min
Response: 3335644
Conc: 22.44 ug/ml

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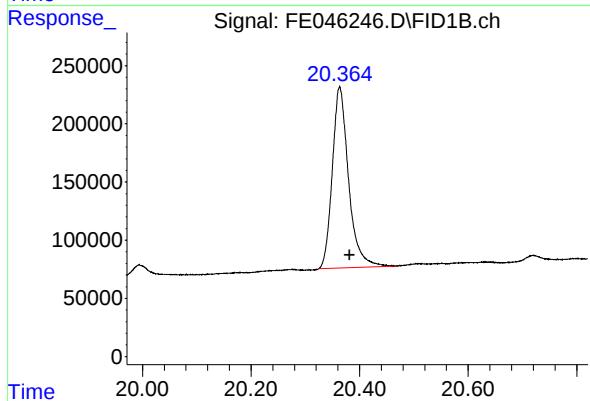
#18 n-Dotriacontane (C32)

R.T.: 18.832 min
Delta R.T.: -0.019 min
Response: 3417348
Conc: 22.85 ug/ml



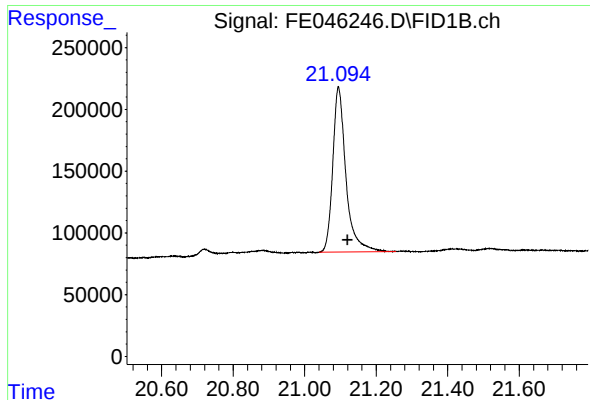
#19 n-Tetatriacontane (C34)

R.T.: 19.621 min
Delta R.T.: -0.016 min
Response: 3310624
Conc: 23.11 ug/ml



#20 n-Hexatriacontane (C36)

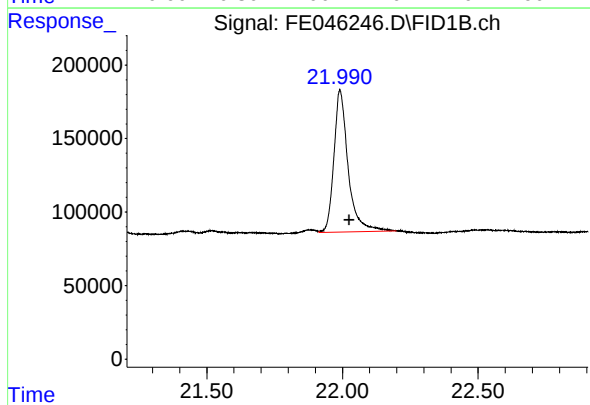
R.T.: 20.363 min
Delta R.T.: -0.019 min
Response: 3223129
Conc: 22.11 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.094 min
Delta R.T.: -0.025 min
Response: 3424021
Conc: 23.22 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 21.991 min
Delta R.T.: -0.035 min
Response: 3514913
Conc: 22.46 ug/ml