

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG021224AL\
 Data File : FG013490.D
 Signal(s) : FID1A.ch
 Acq On : 12 Feb 2024 14:53
 Operator : YP\AJ
 Sample : 50 PPM ALIPHATIC HC STD2
 Misc :
 ALS Vial : 62 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 50 PPM ALIPHATIC HC STD2

Integration File: autoint1.e
 Quant Time: Feb 12 22:36:17 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 021224.M
 Quant Title : GC Extractables
 QLast Update : Mon Feb 12 22:36:05 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)	11.970	6747138	48.984 ug/ml
Spiked Amount 50.000		Recovery =	97.97%
12) S 1-chlorooctadecane (S...	13.411	5142321	49.103 ug/ml
Spiked Amount 50.000		Recovery =	98.21%
Target Compounds			
1) T n-Nonane (C9)	3.330	6025927	48.851 ug/ml
2) T n-Decane (C10)	4.585	6171017	48.855 ug/ml
3) T A~Naphthalene (C11.7)	6.290	6778309	48.953 ug/ml
4) T n-Dodecane (C12)	6.754	6257546	48.889 ug/ml
5) T A~2-methylnaphthalene...	7.389	6576443	48.983 ug/ml
6) T n-Tetradecane (C14)	8.588	6224556	48.908 ug/ml
7) T n-Hexadecane (C16)	10.201	6429465	48.940 ug/ml
8) T n-Octadecane (C18)	11.651	6480987	48.971 ug/ml
10) T n-Eicosane (C20)	12.964	6193889	48.982 ug/ml
11) T n-Heneicosane (C21)	13.579	6069091	48.985 ug/ml
13) T n-Docosane (C22)	14.168	6011690	48.989 ug/ml
14) T n-Tetracosane (C24)	15.275	5905657	48.992 ug/ml
15) T n-Hexacosane (C26)	16.299	5721127	48.990 ug/ml
16) T n-Octacosane (C28)	17.253	5516876	49.046 ug/ml
17) T n-Tricontane (C30)	18.144	5480542	48.993 ug/ml
18) T n-Dotriacontane (C32)	18.980	5278357	49.022 ug/ml
19) T n-Tetratriacontane (C34)	19.766	5074757	49.109 ug/ml
20) T n-Hexatriacontane (C36)	20.508	4866579	49.194 ug/ml
21) T n-Octatriacontane (C38)	21.263	4849366	49.413 ug/ml
22) T n-Tetracontane (C40)	22.209	4796578	49.602 ug/ml

(f)=RT Delta > 1/2 Window

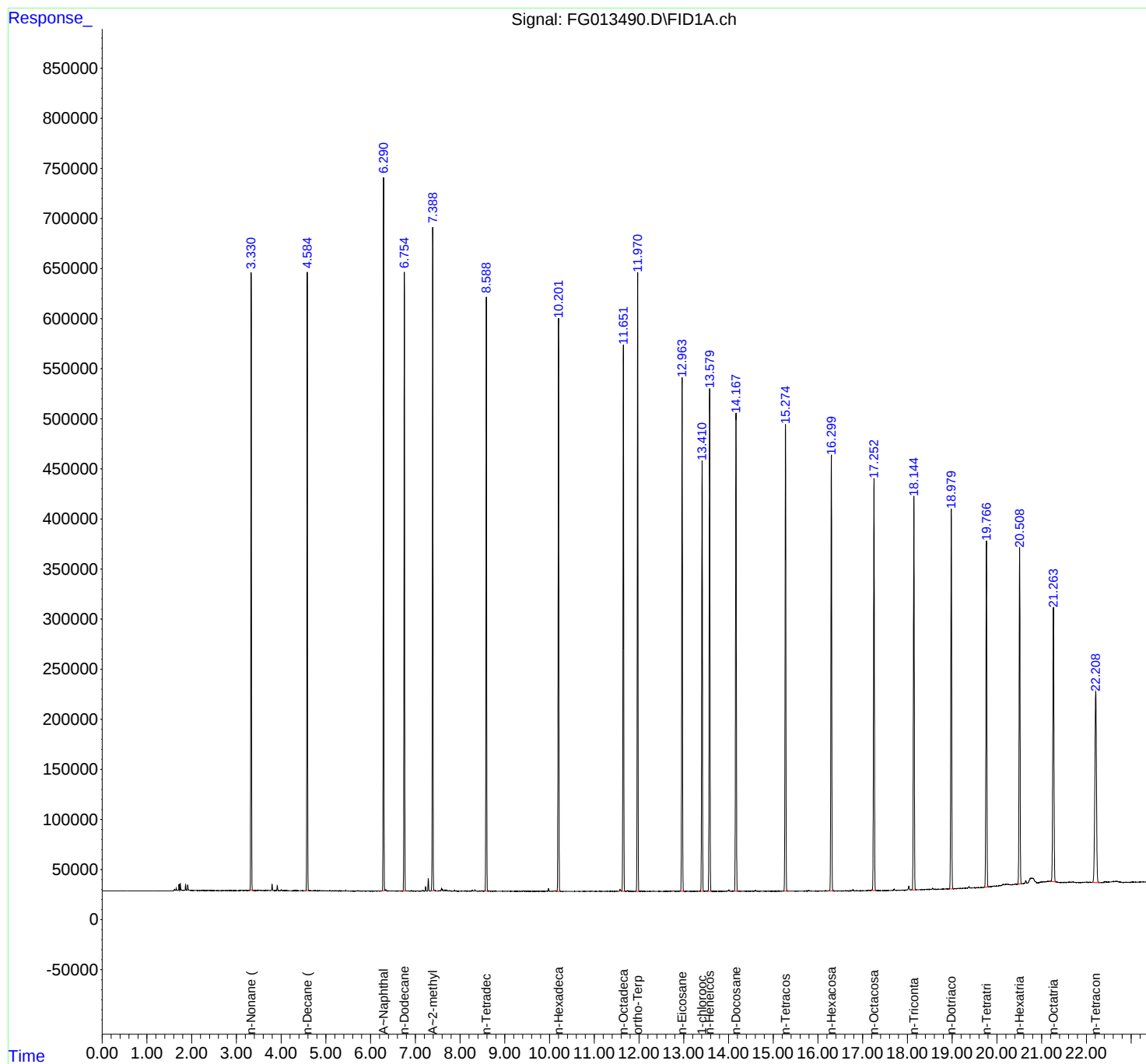
(m)=manual int.

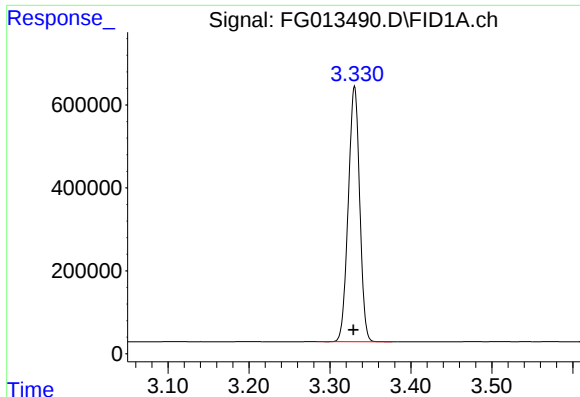
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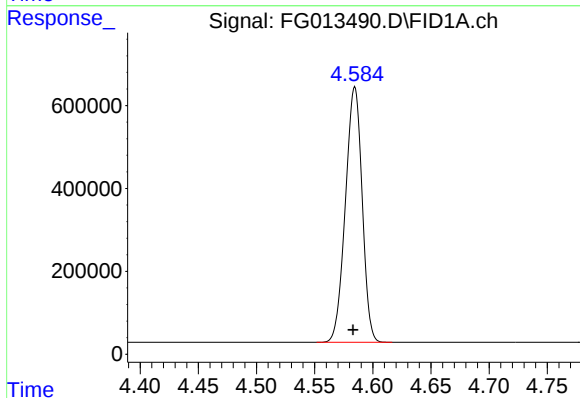




#1 n-Nonane (C9)

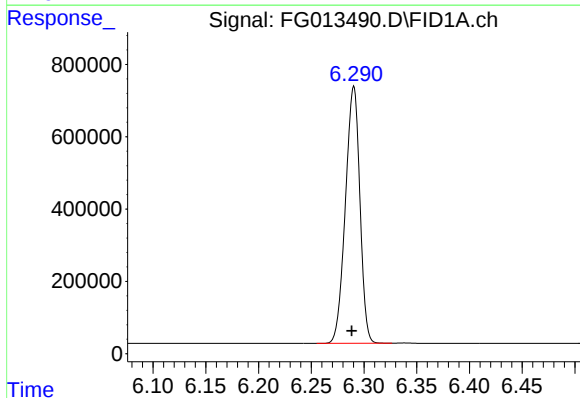
R.T.: 3.330 min
Delta R.T.: 0.001 min
Response: 6025927
Conc: 48.85 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM ALIPHATIC HC STD2



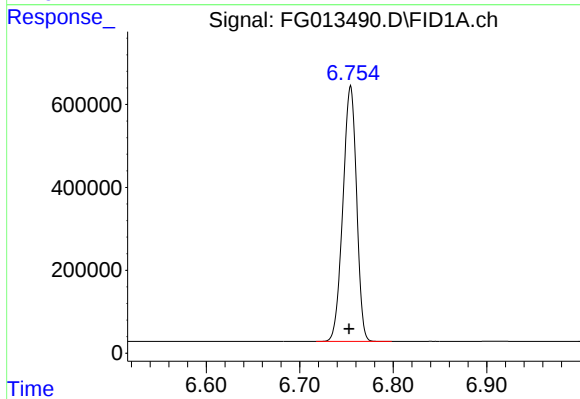
#2 n-Decane (C10)

R.T.: 4.585 min
Delta R.T.: 0.002 min
Response: 6171017
Conc: 48.86 ug/ml



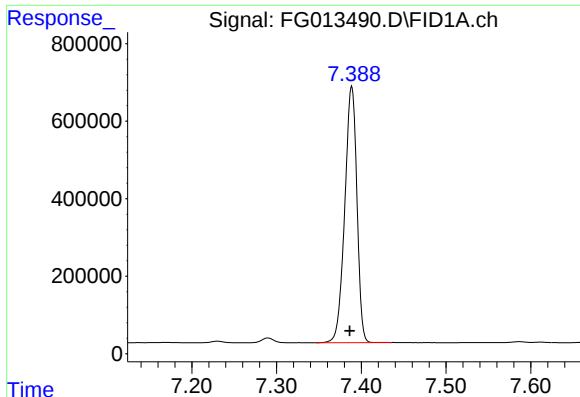
#3 A~Naphthalene (C11.7)

R.T.: 6.290 min
Delta R.T.: 0.002 min
Response: 6778309
Conc: 48.95 ug/ml



#4 n-Dodecane (C12)

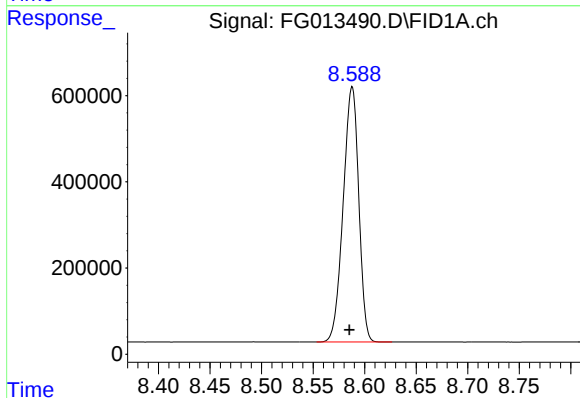
R.T.: 6.754 min
Delta R.T.: 0.002 min
Response: 6257546
Conc: 48.89 ug/ml



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

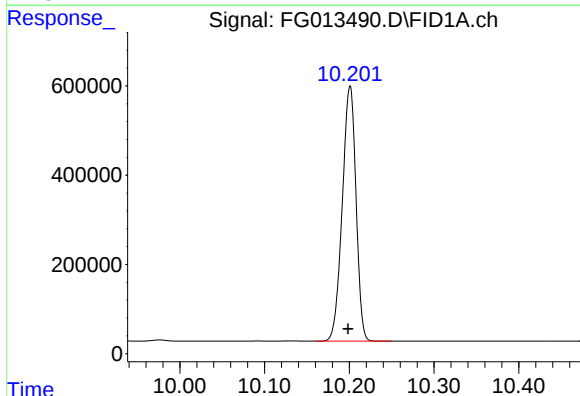
R.T.: 7.389 min
Delta R.T.: 0.002 min
Response: 6576443
Conc: 48.98 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM ALIPHATIC HC STD2



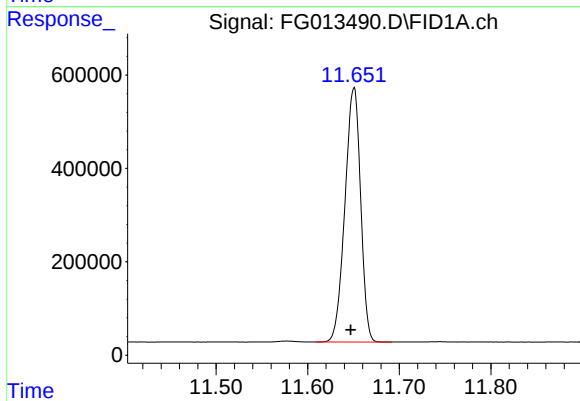
#6 n-Tetradecane (C14)

R.T.: 8.588 min
Delta R.T.: 0.003 min
Response: 6224556
Conc: 48.91 ug/ml



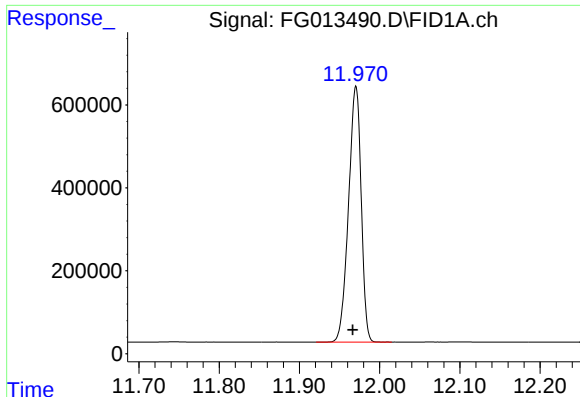
#7 n-Hexadecane (C16)

R.T.: 10.201 min
Delta R.T.: 0.002 min
Response: 6429465
Conc: 48.94 ug/ml



#8 n-Octadecane (C18)

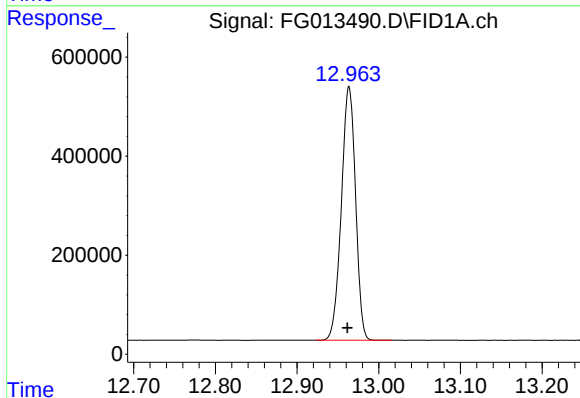
R.T.: 11.651 min
Delta R.T.: 0.003 min
Response: 6480987
Conc: 48.97 ug/ml



#9 ortho-Terphenyl (SURR)

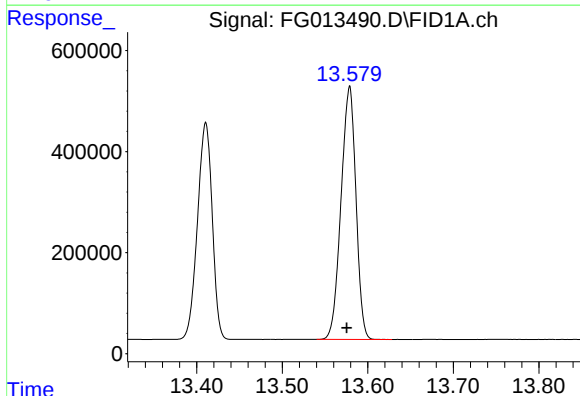
R.T.: 11.970 min
Delta R.T.: 0.004 min
Response: 6747138
Conc: 48.98 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM ALIPHATIC HC STD2



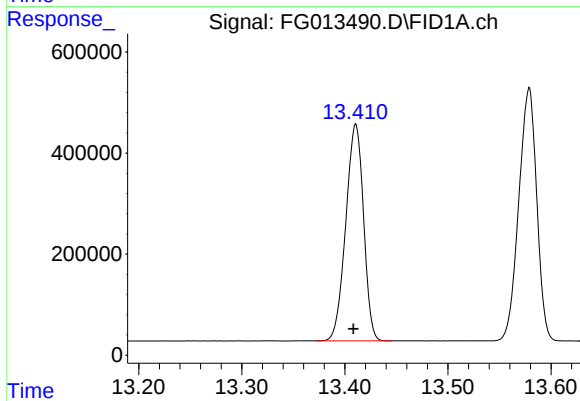
#10 n-Eicosane (C20)

R.T.: 12.964 min
Delta R.T.: 0.002 min
Response: 6193889
Conc: 48.98 ug/ml



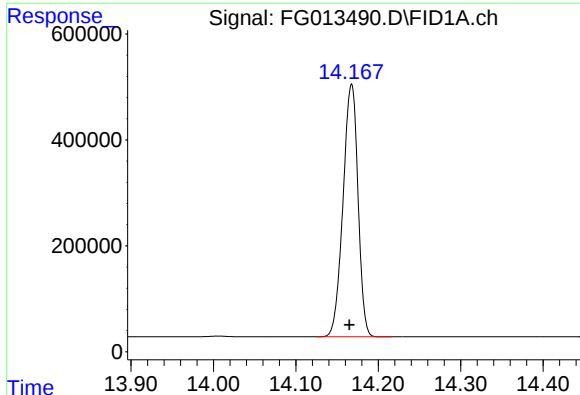
#11 n-Heneicosane (C21)

R.T.: 13.579 min
Delta R.T.: 0.003 min
Response: 6069091
Conc: 48.98 ug/ml



#12 1-chlorooctadecane (SURR)

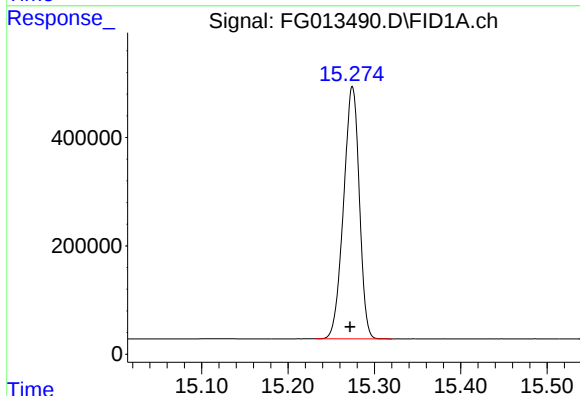
R.T.: 13.411 min
Delta R.T.: 0.002 min
Response: 5142321
Conc: 49.10 ug/ml



#13 n-Docosane (C22)

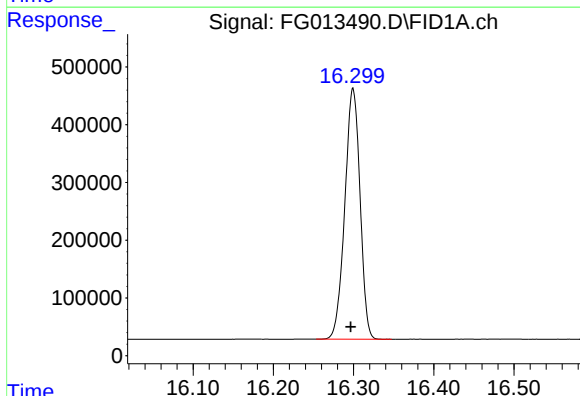
R.T.: 14.168 min
Delta R.T.: 0.002 min
Response: 6011690
Conc: 48.99 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM ALIPHATIC HC STD2



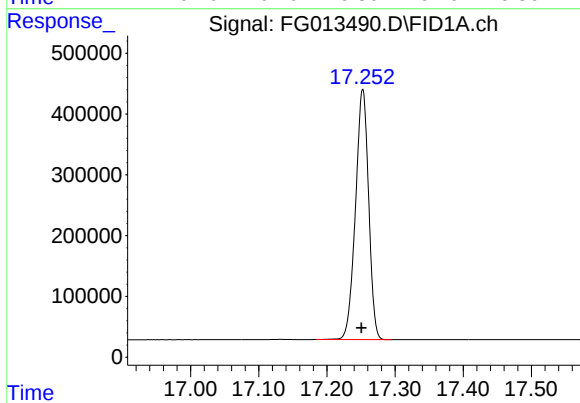
#14 n-Tetracosane (C24)

R.T.: 15.275 min
Delta R.T.: 0.003 min
Response: 5905657
Conc: 48.99 ug/ml



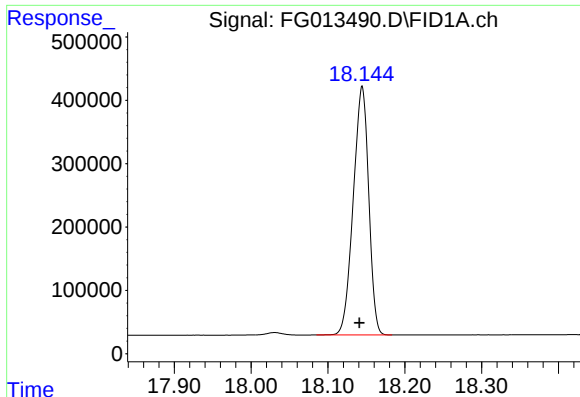
#15 n-Hexacosane (C26)

R.T.: 16.299 min
Delta R.T.: 0.003 min
Response: 5721127
Conc: 48.99 ug/ml



#16 n-Octacosane (C28)

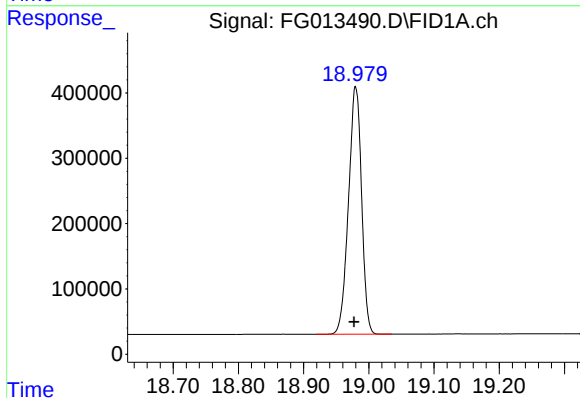
R.T.: 17.253 min
Delta R.T.: 0.002 min
Response: 5516876
Conc: 49.05 ug/ml



#17 n-Tricontane (C30)

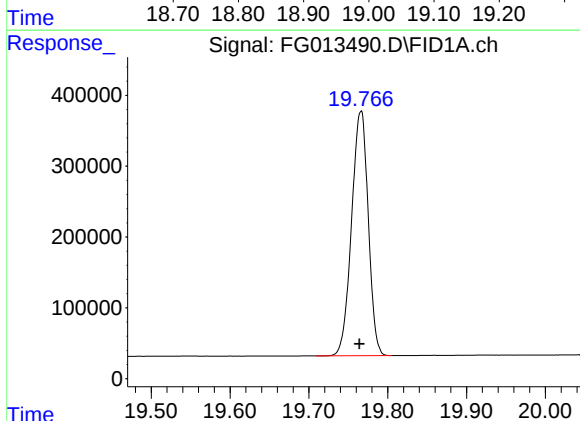
R.T.: 18.144 min
Delta R.T.: 0.004 min
Response: 5480542
Conc: 48.99 ug/ml

Instrument :
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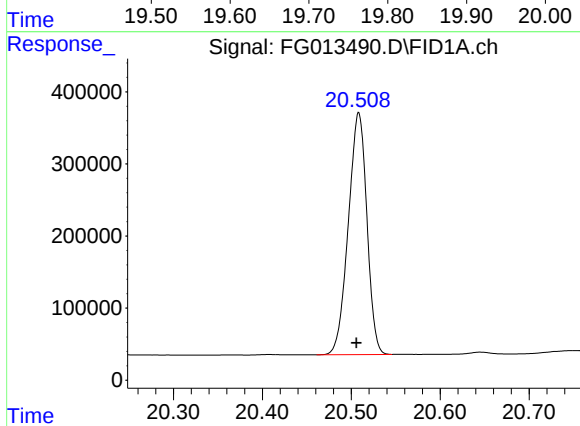
#18 n-Dotriacontane (C32)

R.T.: 18.980 min
Delta R.T.: 0.002 min
Response: 5278357
Conc: 49.02 ug/ml



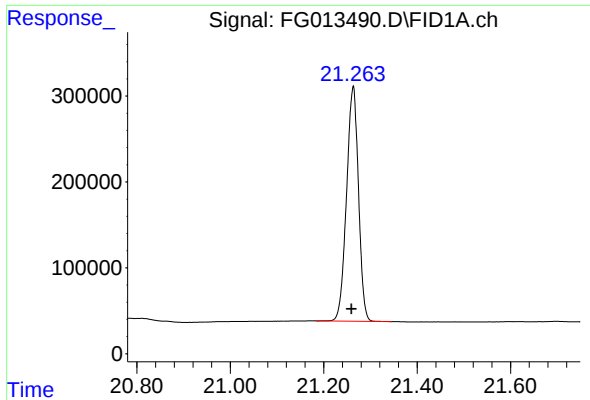
#19 n-Tetratriacontane (C34)

R.T.: 19.766 min
Delta R.T.: 0.002 min
Response: 5074757
Conc: 49.11 ug/ml



#20 n-Hexatriacontane (C36)

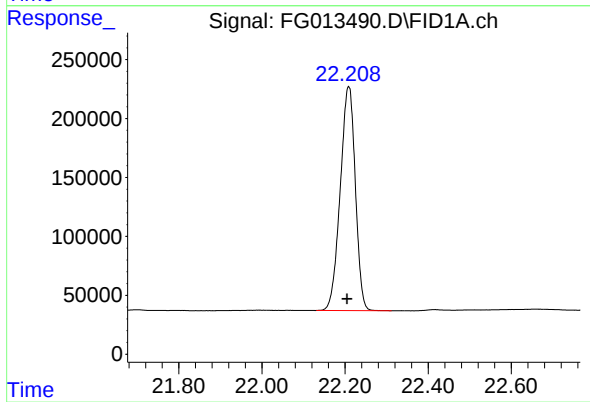
R.T.: 20.508 min
Delta R.T.: 0.003 min
Response: 4866579
Conc: 49.19 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.263 min
Delta R.T.: 0.004 min
Response: 4849366
Conc: 49.41 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.209 min
Delta R.T.: 0.004 min
Response: 4796578
Conc: 49.60 ug/ml