

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG122024AL\
 Data File : FG014999.D
 Signal(s) : FID1A.ch
 Acq On : 20 Dec 2024 11:33
 Operator : YP\AJ
 Sample : 5 PPM ALIPHATIC HC STD5
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 5 PPM ALIPHATIC HC STD5

Integration File: autoint1.e
 Quant Time: Dec 20 13:49:28 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 122024.M
 Quant Title : GC Extractables
 QLast Update : Fri Dec 20 13:49:19 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)	11.958	768155	4.869 ug/ml
Spiked Amount 50.000		Recovery =	9.74%
12) S 1-chlorooctadecane (S...	13.404	614789	4.865 ug/ml
Spiked Amount 50.000		Recovery =	9.73%
Target Compounds			
1) T n-Nonane (C9)	3.295	626595	4.901 ug/ml
2) T n-Decane (C10)	4.556	637560	4.892 ug/ml
3) T A~Naphthalene (C11.7)	6.269	698874	4.869 ug/ml
4) T n-Dodecane (C12)	6.737	644907	4.881 ug/ml
5) T A~2-methylnaphthalene...	7.371	681948	4.865 ug/ml
6) T n-Tetradecane (C14)	8.575	651528	4.884 ug/ml
7) T n-Hexadecane (C16)	10.191	688128	4.875 ug/ml
8) T n-Octadecane (C18)	11.642	714063	4.874 ug/ml
10) T n-Eicosane (C20)	12.958	707540	4.876 ug/ml
11) T n-Heneicosane (C21)	13.573	707483	4.882 ug/ml
13) T n-Docosane (C22)	14.162	712120	4.872 ug/ml
14) T n-Tetracosane (C24)	15.270	727677	4.873 ug/ml
15) T n-Hexacosane (C26)	16.296	729546	4.862 ug/ml
16) T n-Octacosane (C28)	17.250	728348	4.865 ug/ml
17) T n-Tricontane (C30)	18.141	753593	4.910 ug/ml
18) T n-Dotriacontane (C32)	18.976	733002	4.968 ug/ml
19) T n-Tetratriacontane (C34)	19.763	633895	4.967 ug/ml
20) T n-Hexatriacontane (C36)	20.506	531028	4.923 ug/ml
21) T n-Octatriacontane (C38)	21.262	512061	5.109 ug/ml
22) T n-Tetracontane (C40)	22.205	471898	5.024 ug/ml

(f)=RT Delta > 1/2 Window

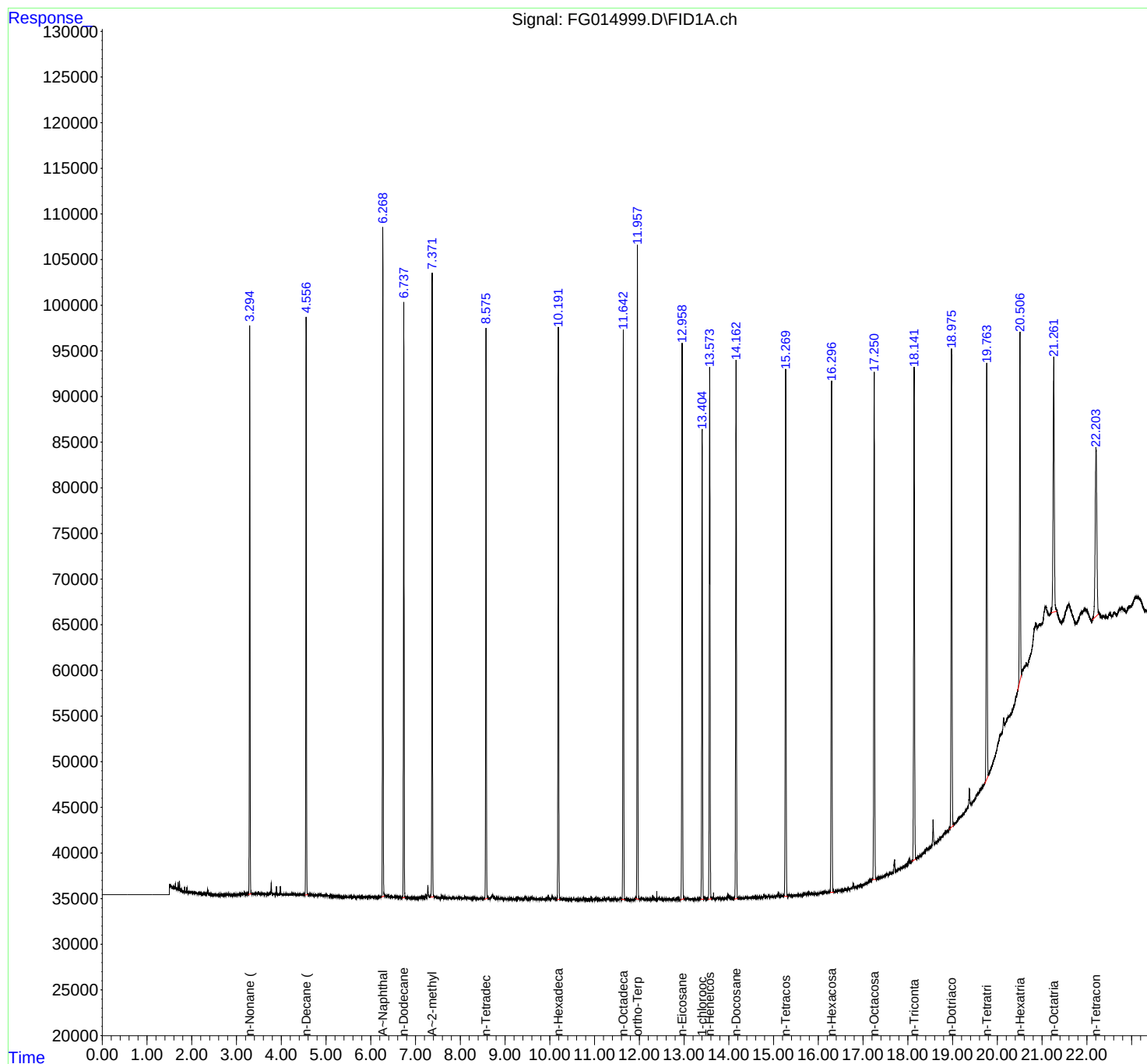
(m)=manual int.

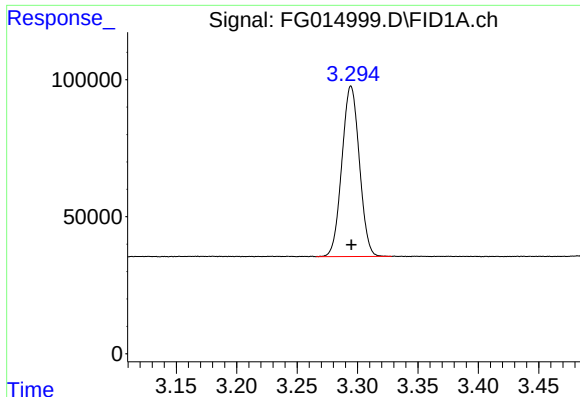
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG122024AL\
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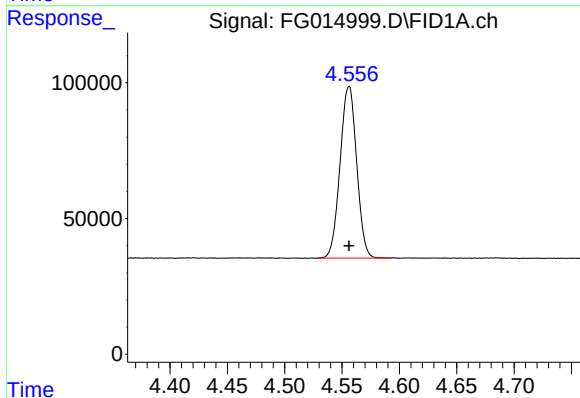




#1 n-Nonane (C9)

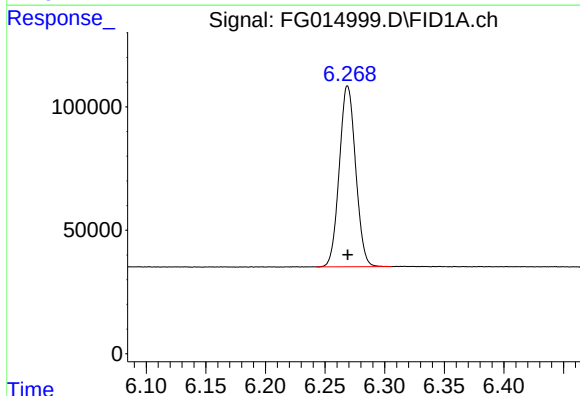
R.T.: 3.295 min
Delta R.T.: 0.000 min
Response: 626595
Conc: 4.90 ug/ml

Instrument :
FID_G
ClientSampleId :
5 PPM ALIPHATIC HC STD5



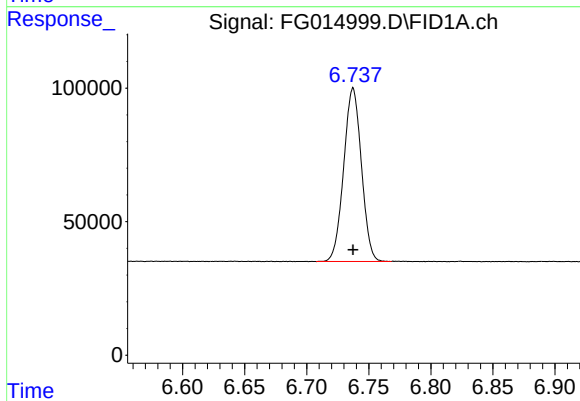
#2 n-Decane (C10)

R.T.: 4.556 min
Delta R.T.: 0.000 min
Response: 637560
Conc: 4.89 ug/ml



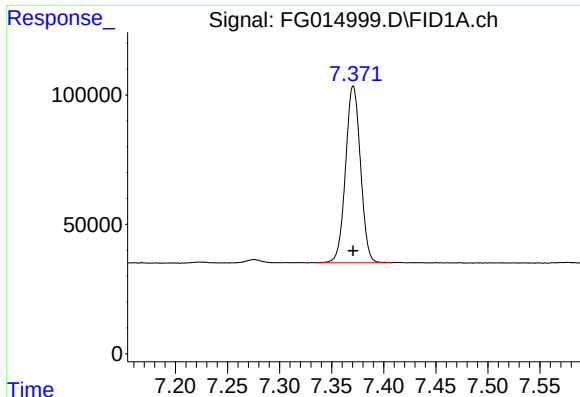
#3 A~Naphthalene (C11.7)

R.T.: 6.269 min
Delta R.T.: 0.000 min
Response: 698874
Conc: 4.87 ug/ml



#4 n-Dodecane (C12)

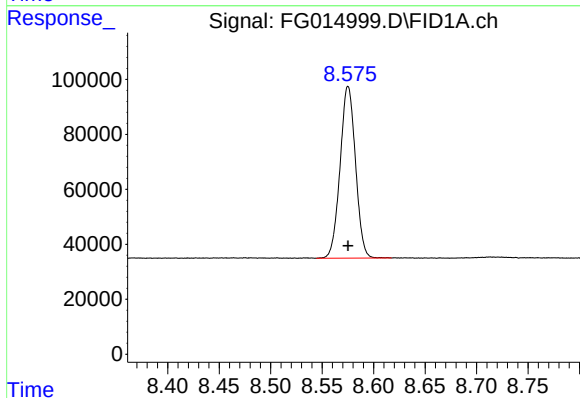
R.T.: 6.737 min
Delta R.T.: 0.000 min
Response: 644907
Conc: 4.88 ug/ml



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

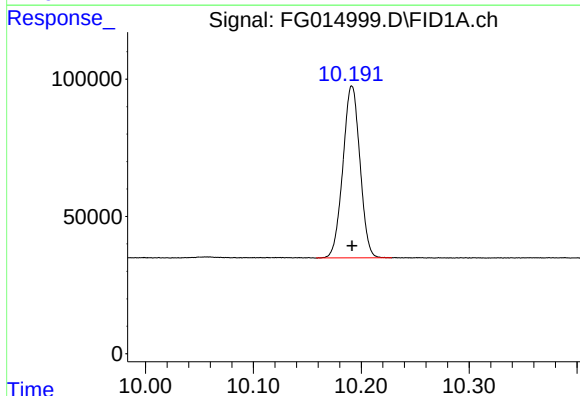
R.T.: 7.371 min
Delta R.T.: 0.000 min
Response: 681948
Conc: 4.87 ug/ml

Instrument :
FID_G
ClientSampleId :
5 PPM ALIPHATIC HC STD5



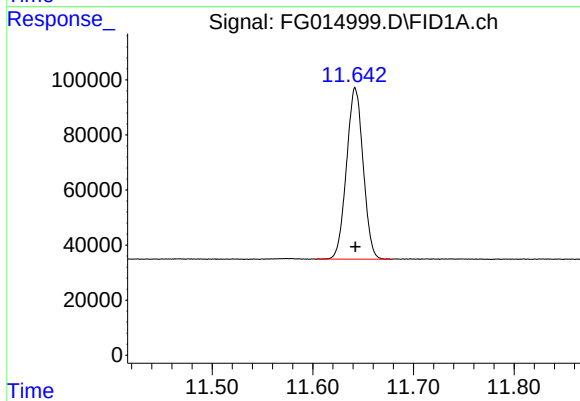
#6 n-Tetradecane (C14)

R.T.: 8.575 min
Delta R.T.: 0.000 min
Response: 651528
Conc: 4.88 ug/ml



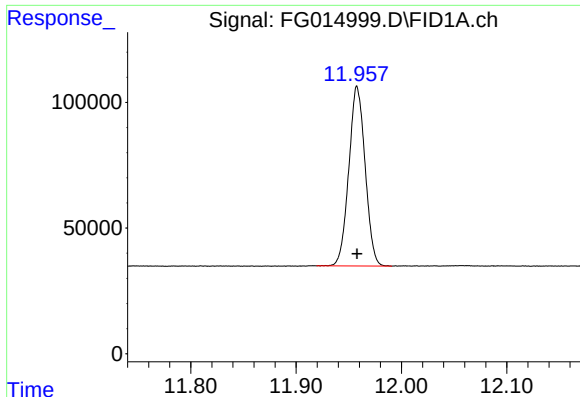
#7 n-Hexadecane (C16)

R.T.: 10.191 min
Delta R.T.: 0.000 min
Response: 688128
Conc: 4.87 ug/ml



#8 n-Octadecane (C18)

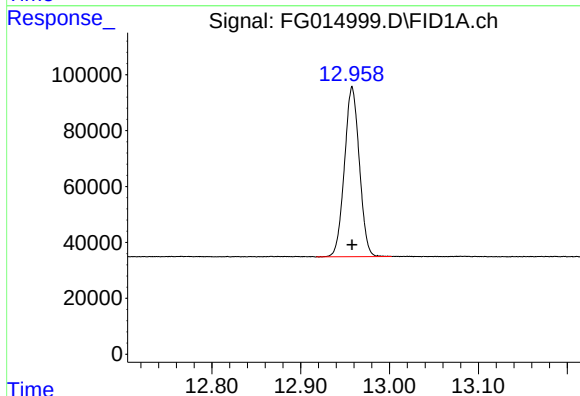
R.T.: 11.642 min
Delta R.T.: 0.000 min
Response: 714063
Conc: 4.87 ug/ml



#9 ortho-Terphenyl (SURR)

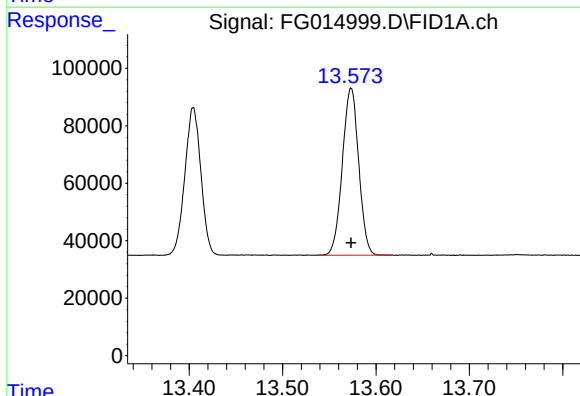
R.T.: 11.958 min
Delta R.T.: 0.000 min
Response: 768155
Conc: 4.87 ug/ml

Instrument :
FID_G
ClientSampleId :
5 PPM ALIPHATIC HC STD5



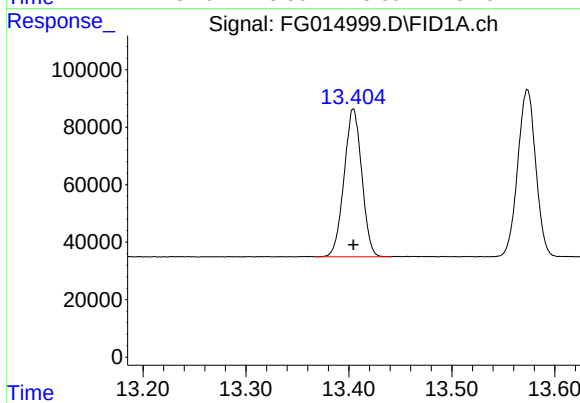
#10 n-Eicosane (C20)

R.T.: 12.958 min
Delta R.T.: 0.000 min
Response: 707540
Conc: 4.88 ug/ml



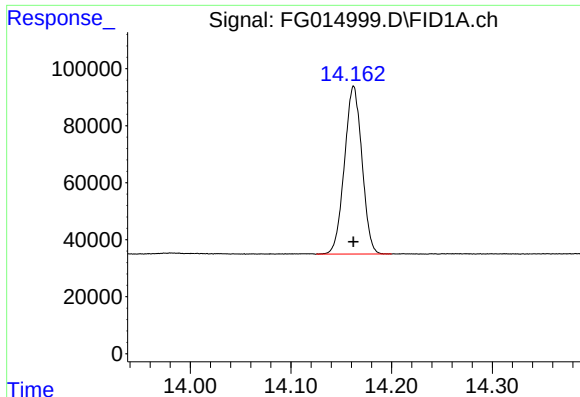
#11 n-Heneicosane (C21)

R.T.: 13.573 min
Delta R.T.: 0.000 min
Response: 707483
Conc: 4.88 ug/ml



#12 1-chlorooctadecane (SURR)

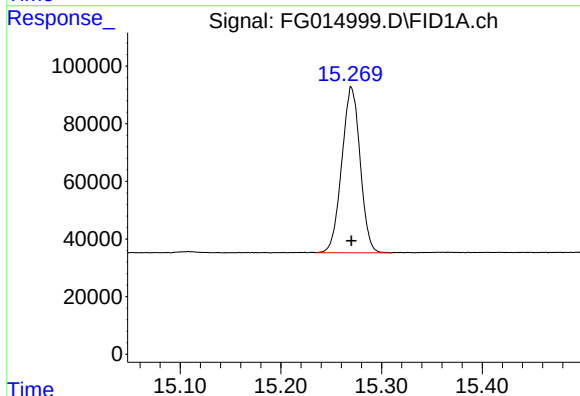
R.T.: 13.404 min
Delta R.T.: 0.000 min
Response: 614789
Conc: 4.87 ug/ml



#13 n-Docosane (C22)

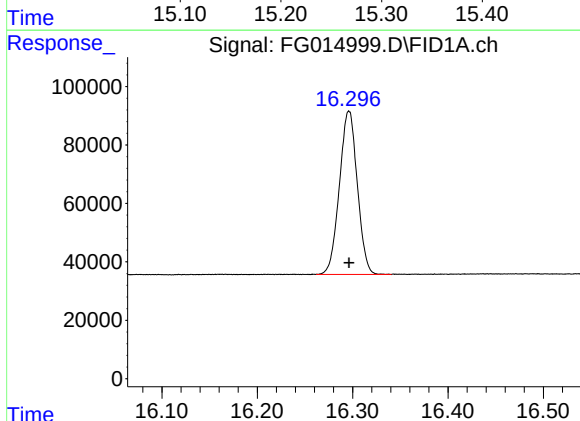
R.T.: 14.162 min
Delta R.T.: 0.000 min
Response: 712120
Conc: 4.87 ug/ml

Instrument :
FID_G
ClientSampleId :
5 PPM ALIPHATIC HC STD5



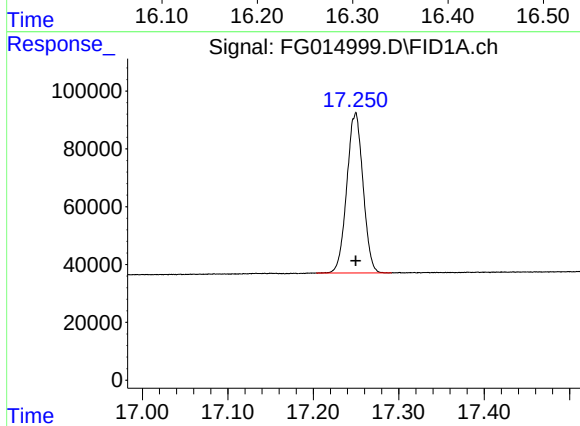
#14 n-Tetracosane (C24)

R.T.: 15.270 min
Delta R.T.: 0.000 min
Response: 727677
Conc: 4.87 ug/ml



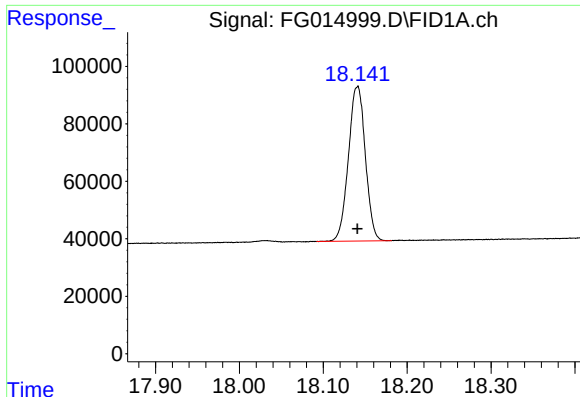
#15 n-Hexacosane (C26)

R.T.: 16.296 min
Delta R.T.: 0.000 min
Response: 729546
Conc: 4.86 ug/ml



#16 n-Octacosane (C28)

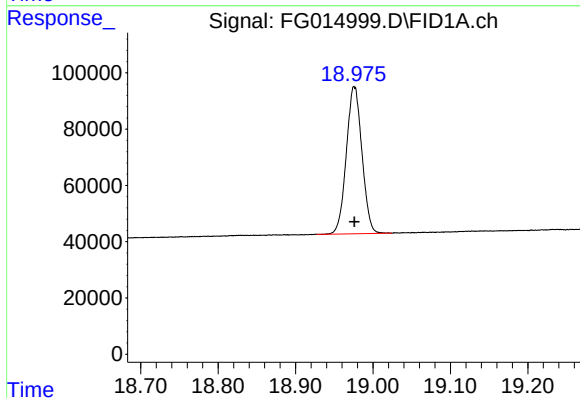
R.T.: 17.250 min
Delta R.T.: 0.000 min
Response: 728348
Conc: 4.87 ug/ml



#17 n-Tricontane (C30)

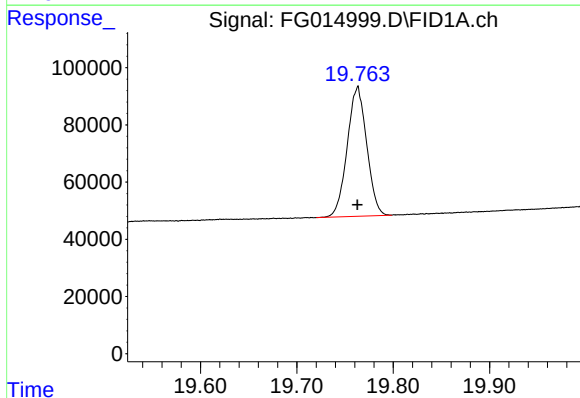
R.T.: 18.141 min
Delta R.T.: 0.000 min
Response: 753593
Conc: 4.91 ug/ml

Instrument :
FID_G
ClientSampleId :
5 PPM ALIPHATIC HC STD5



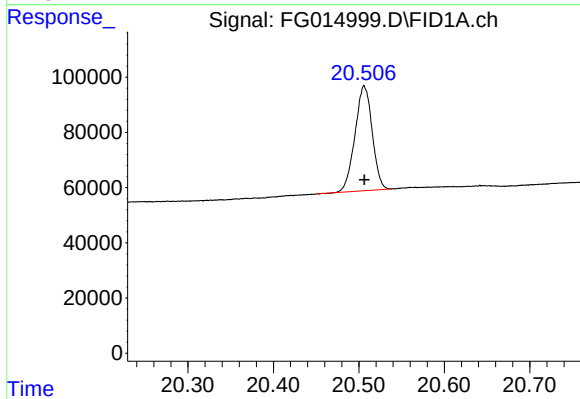
#18 n-Dotriacontane (C32)

R.T.: 18.976 min
Delta R.T.: 0.000 min
Response: 733002
Conc: 4.97 ug/ml



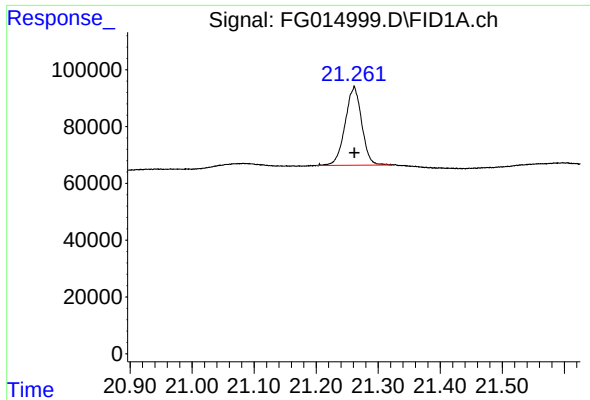
#19 n-Tetratriacontane (C34)

R.T.: 19.763 min
Delta R.T.: 0.000 min
Response: 633895
Conc: 4.97 ug/ml



#20 n-Hexatriacontane (C36)

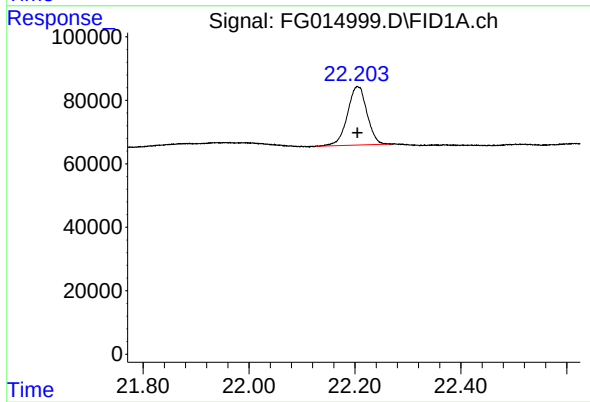
R.T.: 20.506 min
Delta R.T.: 0.000 min
Response: 531028
Conc: 4.92 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.262 min
Delta R.T.: 0.000 min
Response: 512061
Conc: 5.11 ug/ml

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FID_G
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#22 n-Tetracontane (C40)

R.T.: 22.205 min
Delta R.T.: 0.000 min
Response: 471898
Conc: 5.02 ug/ml