

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG121024AL\
 Data File : FG014947.D
 Signal(s) : FID1A.ch
 Acq On : 10 Dec 2024 11:54
 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 10 12:07:17 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 121024.M
 Quant Title : GC Extractables
 QLast Update : Tue Dec 10 12:07:09 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)	11.941	774825	5.095 ug/ml
Spiked Amount 50.000		Recovery =	10.19%
12) S 1-chlorooctadecane (S...	13.382	549190	4.991 ug/ml
Spiked Amount 50.000		Recovery =	9.98%
Target Compounds			
1) T n-Nonane (C9)	3.316	702934	5.148 ug/ml
2) T n-Decane (C10)	4.567	716425	5.143 ug/ml
3) T A~Naphthalene (C11.7)	6.271	745400	5.071 ug/ml
4) T n-Dodecane (C12)	6.736	721895	5.136 ug/ml
5) T A~2-methylnaphthalene...	7.368	704000	5.035 ug/ml
6) T n-Tetradecane (C14)	8.567	713127	5.130 ug/ml
7) T n-Hexadecane (C16)	10.178	728065	5.116 ug/ml
8) T n-Octadecane (C18)	11.624	729086	5.113 ug/ml
10) T n-Eicosane (C20)	12.938	687240	5.095 ug/ml
11) T n-Heneicosane (C21)	13.550	670355	5.082 ug/ml
13) T n-Docosane (C22)	14.137	660773	5.076 ug/ml
14) T n-Tetracosane (C24)	15.242	649458	5.084 ug/ml
15) T n-Hexacosane (C26)	16.265	625253	5.071 ug/ml
16) T n-Octacosane (C28)	17.214	612693	5.126 ug/ml
17) T n-Tricontane (C30)	18.102	628712	5.235 ug/ml
18) T n-Dotriacontane (C32)	18.936	609584	5.313 ug/ml
19) T n-Tetratriacontane (C34)	19.720	533059	5.316 ug/ml
20) T n-Hexatriacontane (C36)	20.461	453936	5.265 ug/ml
21) T n-Octatriacontane (C38)	21.206	425852	5.296 ug/ml
22) T n-Tetracontane (C40)	22.142	407659	5.418 ug/ml

(f)=RT Delta > 1/2 Window

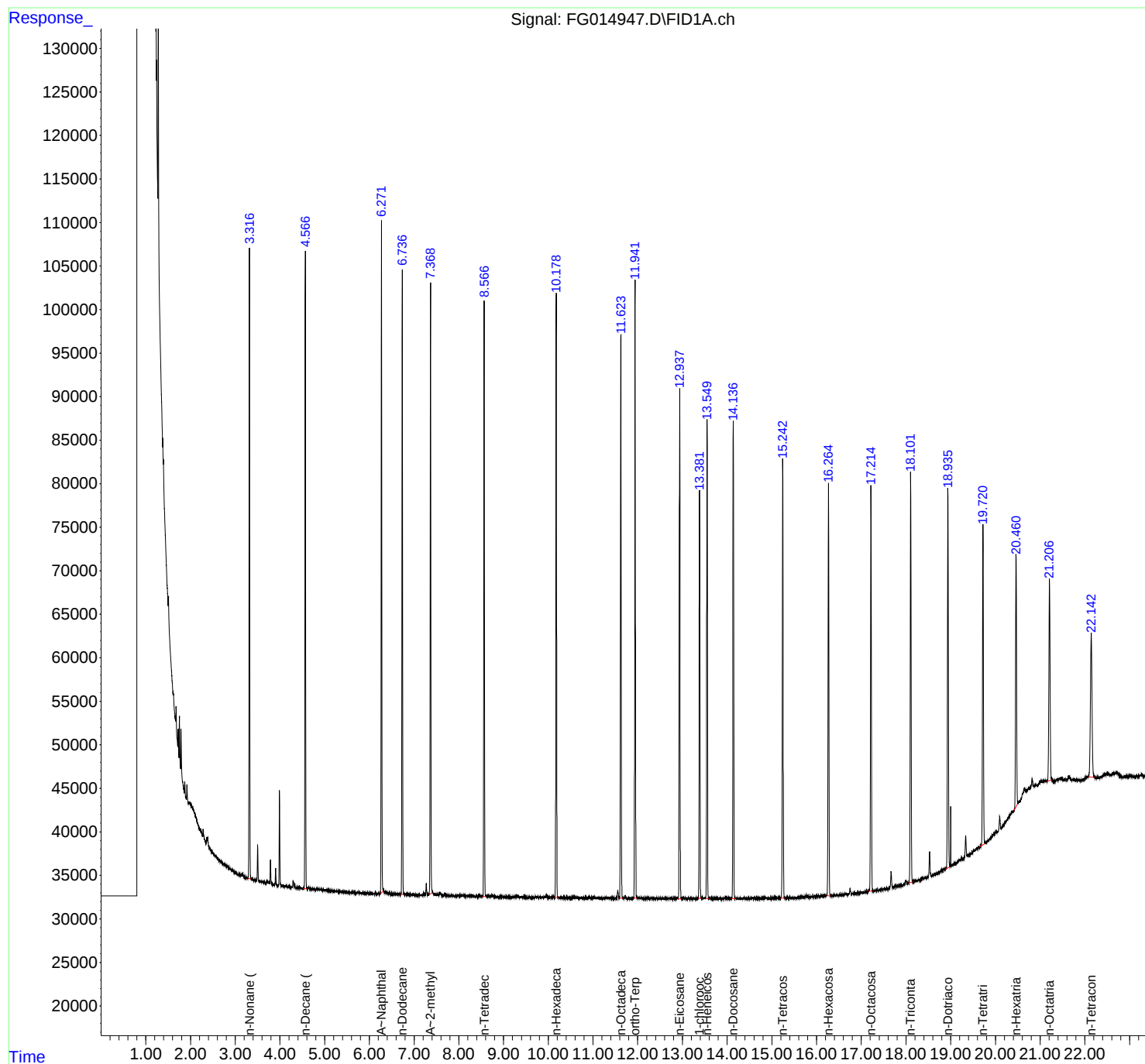
(m)=manual int.

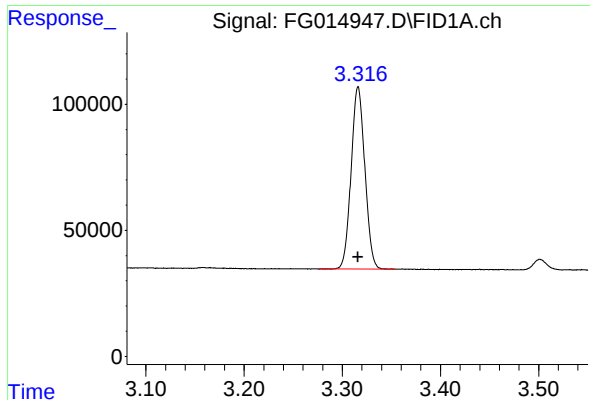
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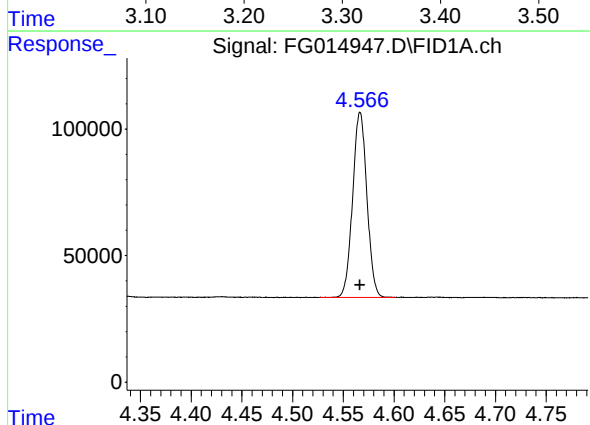




#1 n-Nonane (C9)

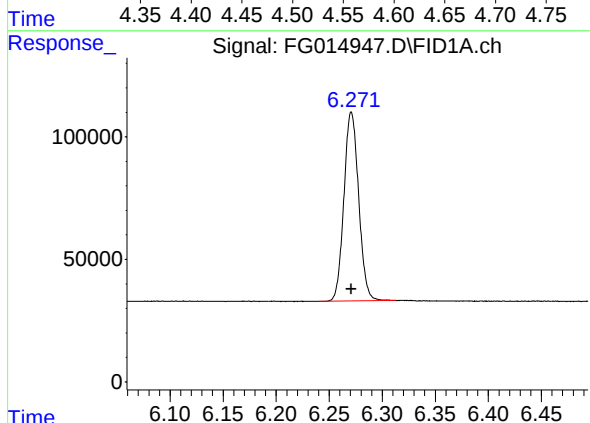
R.T.: 3.316 min
Delta R.T.: 0.000 min
Response: 702934
Conc: 5.15 ug/ml

Instrument :
FID_G
ClientSampleId :
5 PPM ALIPHATIC HC STD5



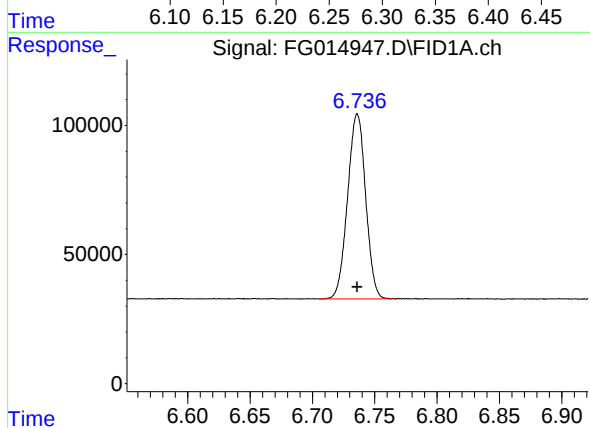
#2 n-Decane (C10)

R.T.: 4.567 min
Delta R.T.: 0.000 min
Response: 716425
Conc: 5.14 ug/ml



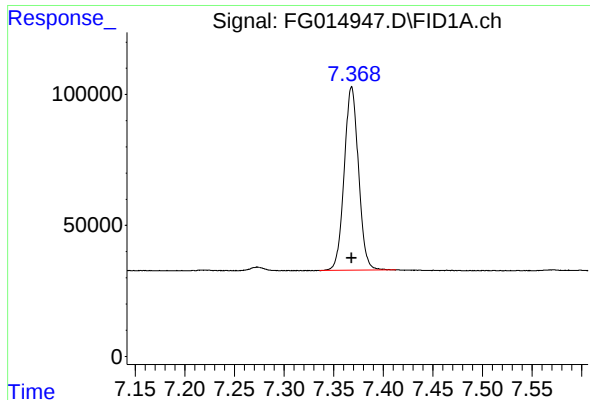
#3 A~Naphthalene (C11.7)

R.T.: 6.271 min
Delta R.T.: 0.000 min
Response: 745400
Conc: 5.07 ug/ml



#4 n-Dodecane (C12)

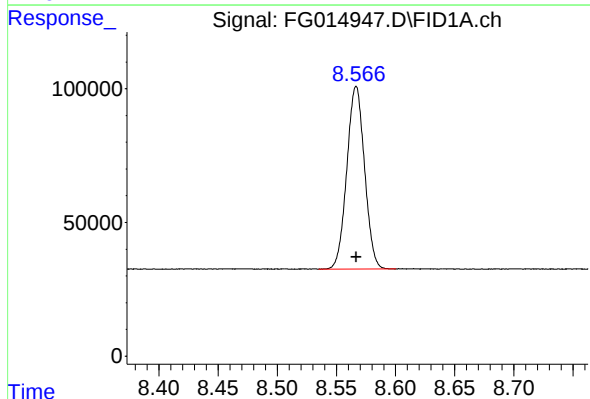
R.T.: 6.736 min
Delta R.T.: 0.000 min
Response: 721895
Conc: 5.14 ug/ml



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

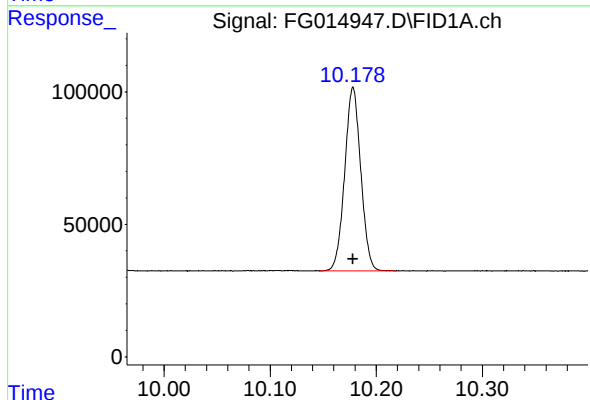
R.T.: 7.368 min
Delta R.T.: 0.000 min
Response: 704000
Conc: 5.03 ug/ml

Instrument :
FID_G
ClientSampleId :
5 PPM ALIPHATIC HC STD5



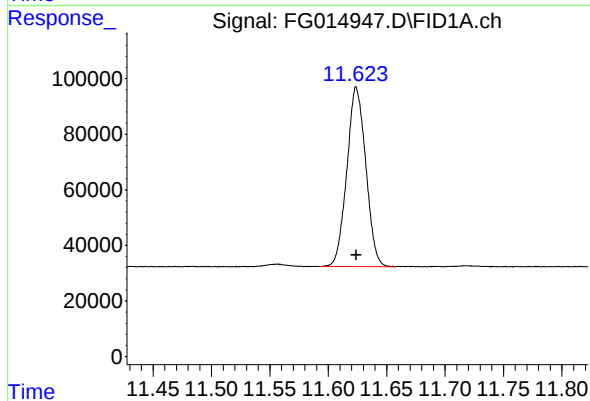
#6 n-Tetradecane (C14)

R.T.: 8.567 min
Delta R.T.: 0.000 min
Response: 713127
Conc: 5.13 ug/ml



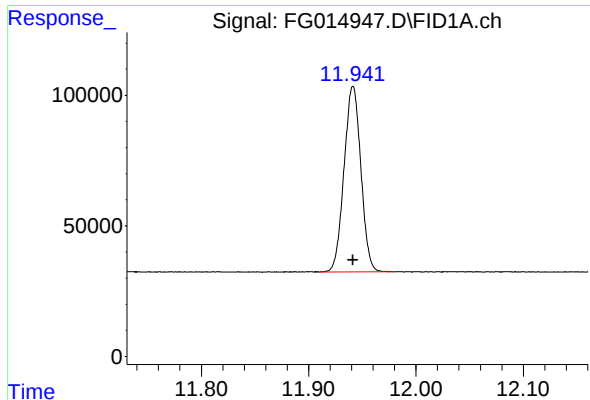
#7 n-Hexadecane (C16)

R.T.: 10.178 min
Delta R.T.: 0.000 min
Response: 728065
Conc: 5.12 ug/ml



#8 n-Octadecane (C18)

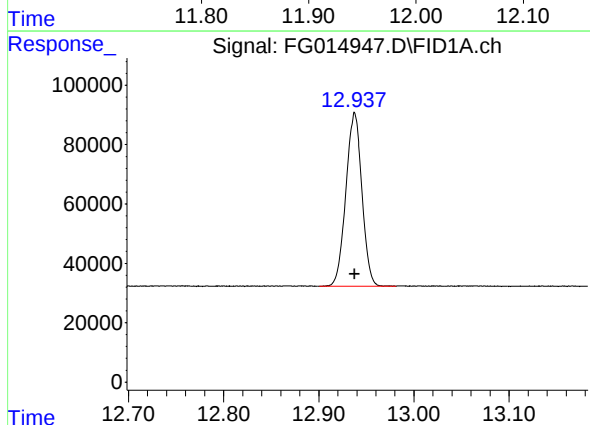
R.T.: 11.624 min
Delta R.T.: 0.000 min
Response: 729086
Conc: 5.11 ug/ml



#9 ortho-Terphenyl (SURR)

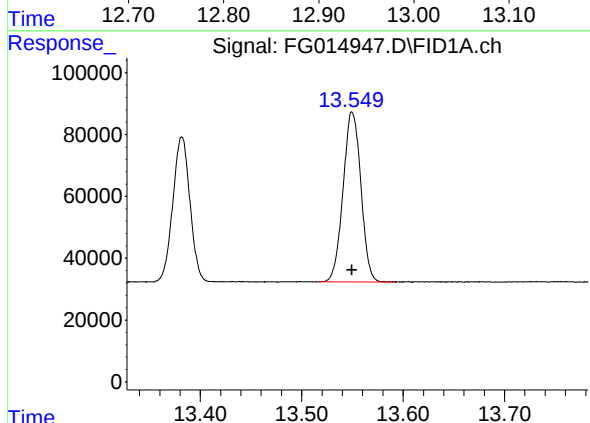
R.T.: 11.941 min
Delta R.T.: 0.000 min
Response: 774825
Conc: 5.10 ug/ml

Instrument :
FID_G
ClientSampleId :
5 PPM ALIPHATIC HC STD5



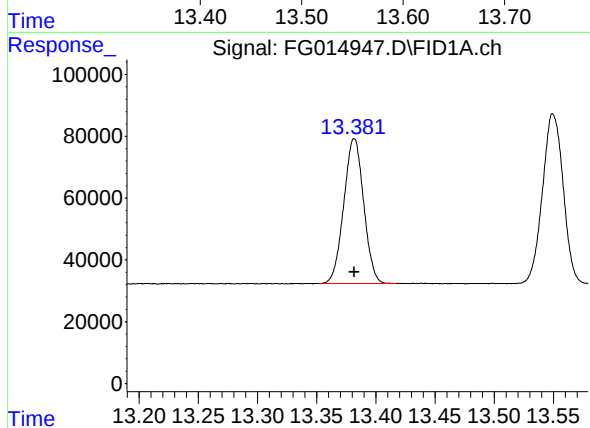
#10 n-Eicosane (C20)

R.T.: 12.938 min
Delta R.T.: 0.000 min
Response: 687240
Conc: 5.09 ug/ml



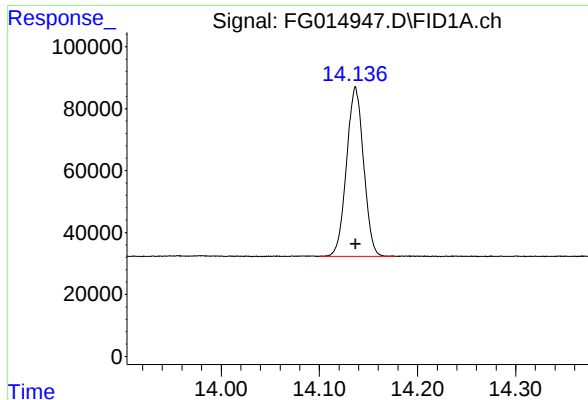
#11 n-Heneicosane (C21)

R.T.: 13.550 min
Delta R.T.: 0.000 min
Response: 670355
Conc: 5.08 ug/ml



#12 1-chlorooctadecane (SURR)

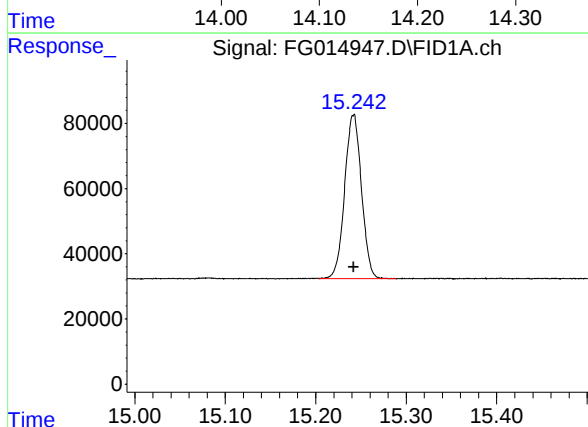
R.T.: 13.382 min
Delta R.T.: 0.000 min
Response: 549190
Conc: 4.99 ug/ml



#13 n-Docosane (C22)

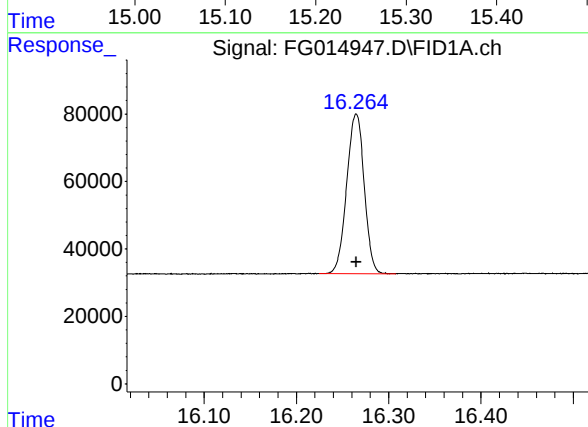
R.T.: 14.137 min
Delta R.T.: 0.000 min
Response: 660773
Conc: 5.08 ug/ml

Instrument :
FID_G
ClientSampleId :
5 PPM ALIPHATIC HC STD5



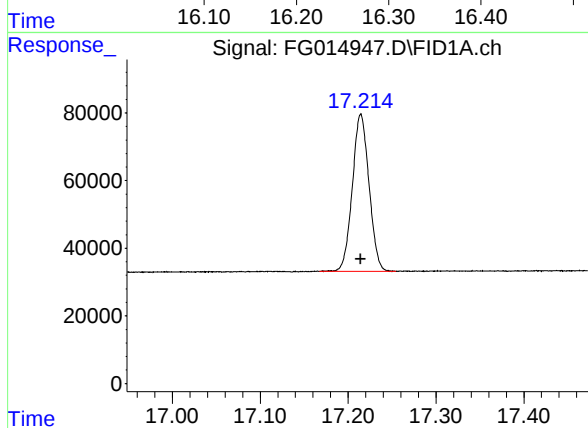
#14 n-Tetracosane (C24)

R.T.: 15.242 min
Delta R.T.: 0.000 min
Response: 649458
Conc: 5.08 ug/ml



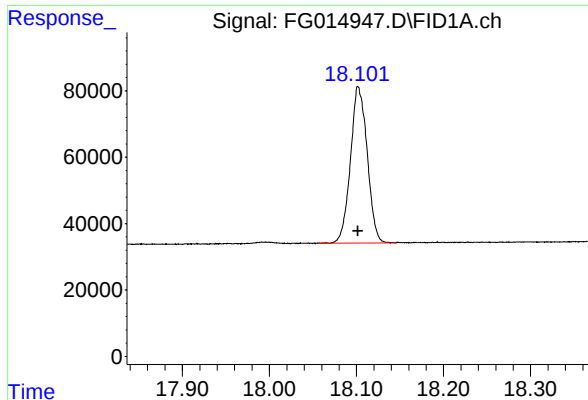
#15 n-Hexacosane (C26)

R.T.: 16.265 min
Delta R.T.: 0.000 min
Response: 625253
Conc: 5.07 ug/ml



#16 n-Octacosane (C28)

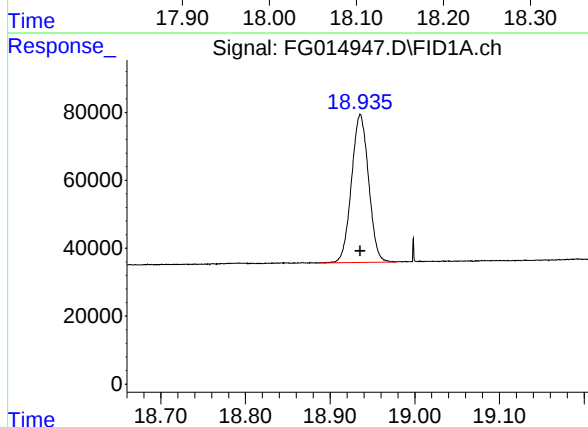
R.T.: 17.214 min
Delta R.T.: 0.000 min
Response: 612693
Conc: 5.13 ug/ml



#17 n-Tricontane (C30)

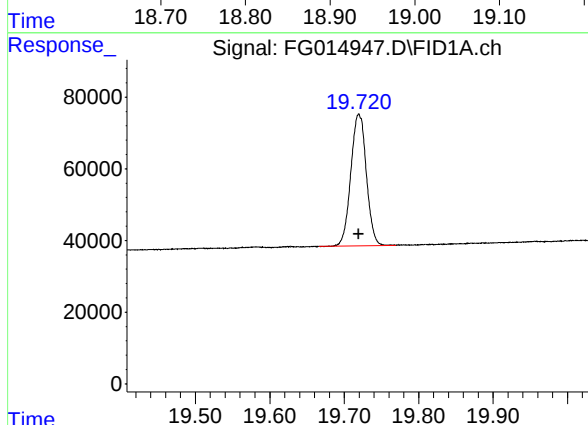
R.T.: 18.102 min
Delta R.T.: 0.000 min
Response: 628712
Conc: 5.23 ug/ml

Instrument :
FID_G
ClientSampleId :
5 PPM ALIPHATIC HC STD5



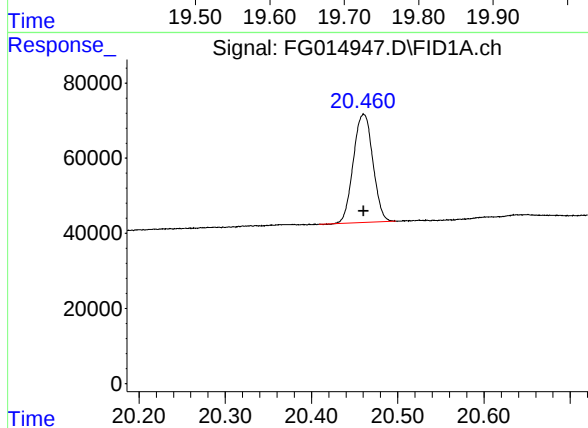
#18 n-Dotriacontane (C32)

R.T.: 18.936 min
Delta R.T.: 0.000 min
Response: 609584
Conc: 5.31 ug/ml



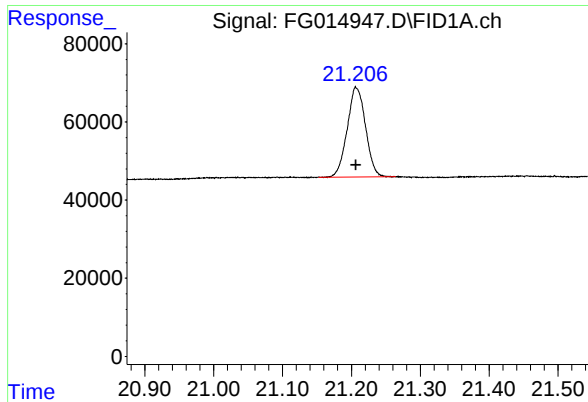
#19 n-Tetatriacontane (C34)

R.T.: 19.720 min
Delta R.T.: 0.000 min
Response: 533059
Conc: 5.32 ug/ml



#20 n-Hexatriacontane (C36)

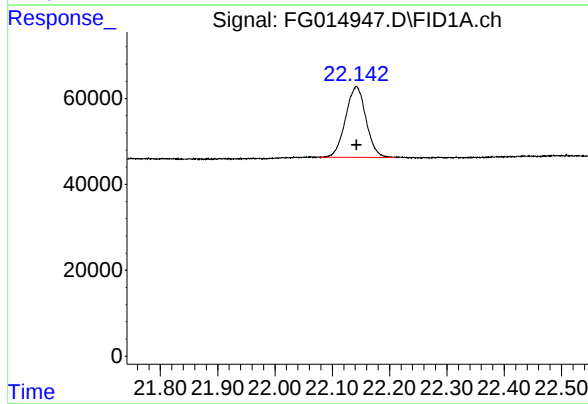
R.T.: 20.461 min
Delta R.T.: 0.000 min
Response: 453936
Conc: 5.27 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.206 min
Delta R.T.: 0.000 min
Response: 425852
Conc: 5.30 ug/ml

Instrument :
FID_G
ClientSampleId :
5 PPM ALIPHATIC HC STD5



#22 n-Tetracontane (C40)

R.T.: 22.142 min
Delta R.T.: 0.000 min
Response: 407659
Conc: 5.42 ug/ml