

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG041725AL\
 Data File : FG015683.D
 Signal(s) : FID1A.ch
 Acq On : 17 Apr 2025 11:17
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD3
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 20 PPM ALIPHATIC HC STD3

Integration File: autoint1.e
 Quant Time: Apr 17 11:29:09 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 041725.M
 Quant Title : GC Extractables
 QLast Update : Thu Apr 17 11:27:27 2025
 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)	11.903	2943016	20.000 ug/ml
Spiked Amount 50.000		Recovery =	40.00%
12) S 1-chlorooctadecane (S...	13.347	2159631	20.000 ug/ml
Spiked Amount 50.000		Recovery =	40.00%
Target Compounds			
1) T n-Nonane (C9)	3.250	2272324	20.000 ug/ml
2) T n-Decane (C10)	4.509	2292204	20.000 ug/ml
3) T A~Naphthalene (C11.7)	6.221	2399222	20.000 ug/ml
4) T n-Dodecane (C12)	6.689	2335123	20.000 ug/ml
5) T A~2-methylnaphthalene...	7.323	2332409	20.000 ug/ml
6) T n-Tetradecane (C14)	8.525	2337010	20.000 ug/ml
7) T n-Hexadecane (C16)	10.139	2393242	20.000 ug/ml
8) T n-Octadecane (C18)	11.586	2439955	20.000 ug/ml
10) T n-Eicosane (C20)	12.901	2418201	20.000 ug/ml
11) T n-Heneicosane (C21)	13.514	2400671	20.000 ug/ml
13) T n-Docosane (C22)	14.103	2364428	20.000 ug/ml
14) T n-Tetracosane (C24)	15.208	2320026	20.000 ug/ml
15) T n-Hexacosane (C26)	16.233	2246550	20.000 ug/ml
16) T n-Octacosane (C28)	17.185	2182018	20.000 ug/ml
17) T n-Tricontane (C30)	18.075	2171935	20.000 ug/ml
18) T n-Dotriacontane (C32)	18.910	2151435	20.000 ug/ml
19) T n-Tetratriacontane (C34)	19.695	2045868	20.000 ug/ml
20) T n-Hexatriacontane (C36)	20.435	1973962	20.000 ug/ml
21) T n-Octatriacontane (C38)	21.178	1850673	20.000 ug/ml
22) T n-Tetracontane (C40)	22.099	1720310	20.000 ug/ml

(f)=RT Delta > 1/2 Window

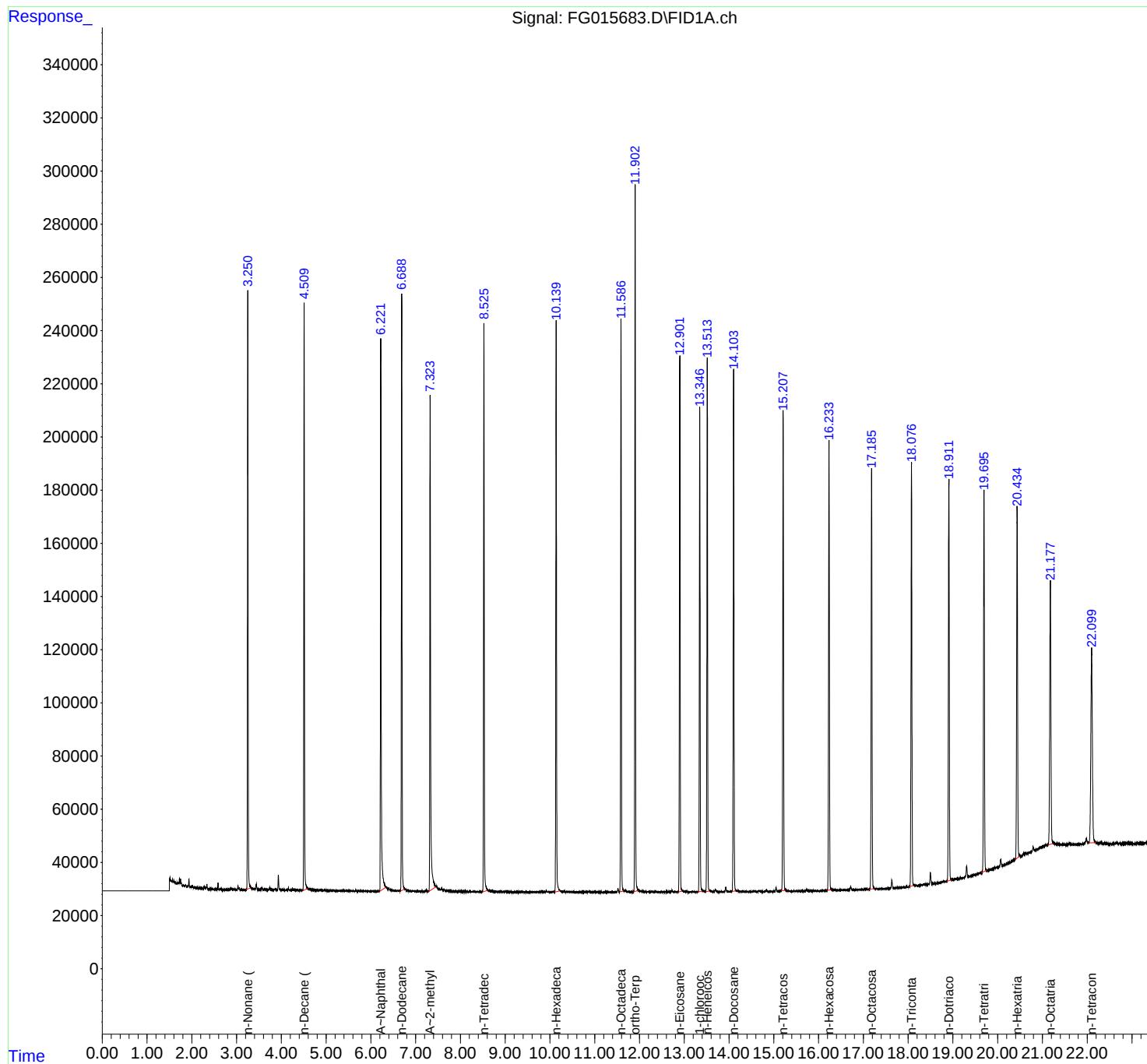
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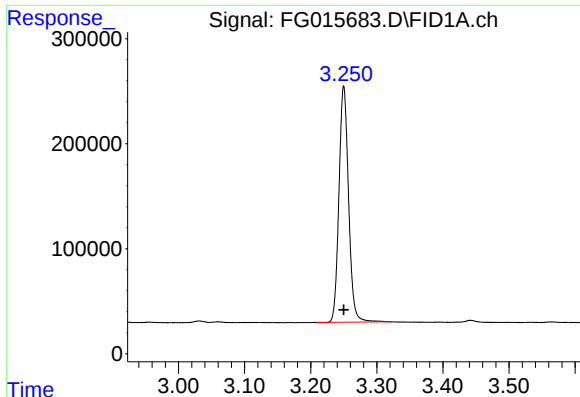
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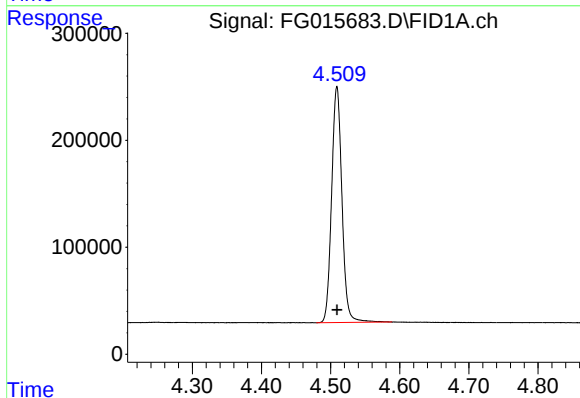




#1 n-Nonane (C9)

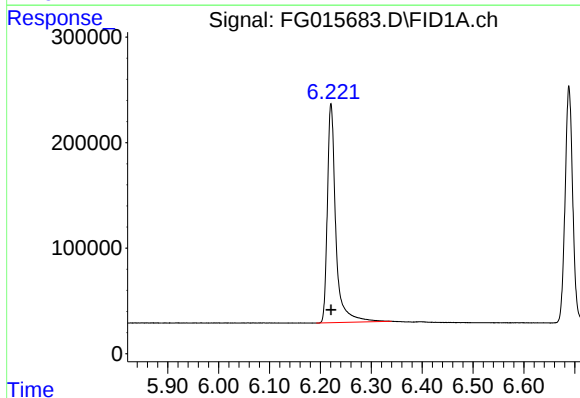
R.T.: 3.250 min
Delta R.T.: 0.000 min
Response: 2272324
Conc: 20.00 ug/ml

Instrument :
FID_G
ClientSampleId :
20 PPM ALIPHATIC HC STD3



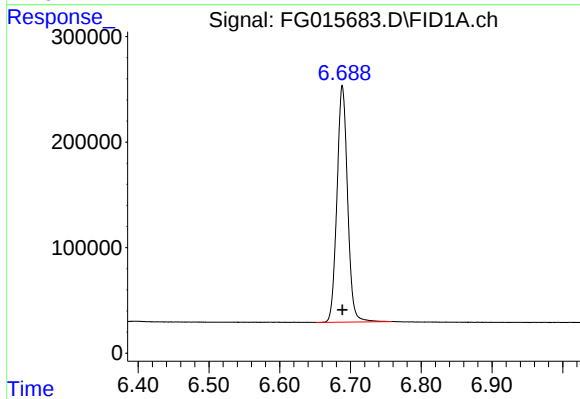
#2 n-Decane (C10)

R.T.: 4.509 min
Delta R.T.: 0.000 min
Response: 2292204
Conc: 20.00 ug/ml



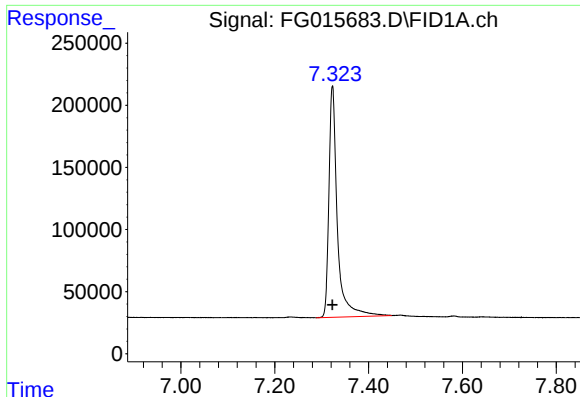
#3 A~Naphthalene (C11.7)

R.T.: 6.221 min
Delta R.T.: 0.000 min
Response: 2399222
Conc: 20.00 ug/ml



#4 n-Dodecane (C12)

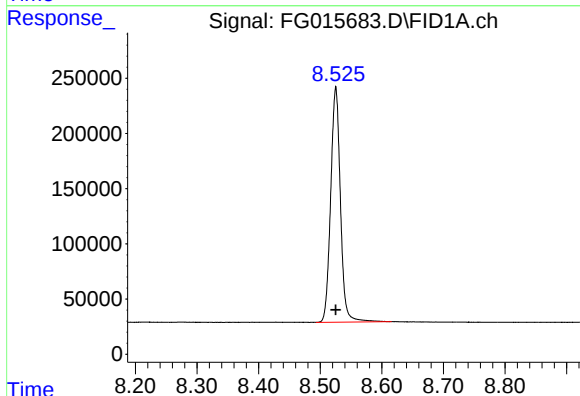
R.T.: 6.689 min
Delta R.T.: 0.000 min
Response: 2335123
Conc: 20.00 ug/ml



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

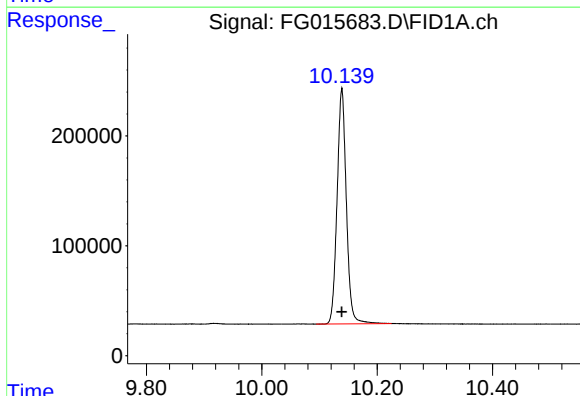
R.T.: 7.323 min
Delta R.T.: 0.000 min
Response: 2332409
Conc: 20.00 ug/ml

Instrument :
FID_G
ClientSampleId :
20 PPM ALIPHATIC HC STD3



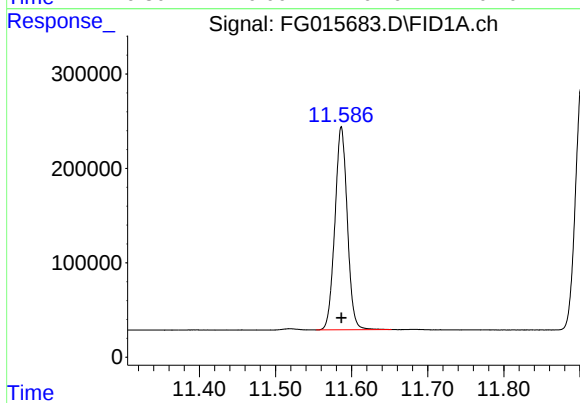
#6 n-Tetradecane (C14)

R.T.: 8.525 min
Delta R.T.: 0.000 min
Response: 2337010
Conc: 20.00 ug/ml



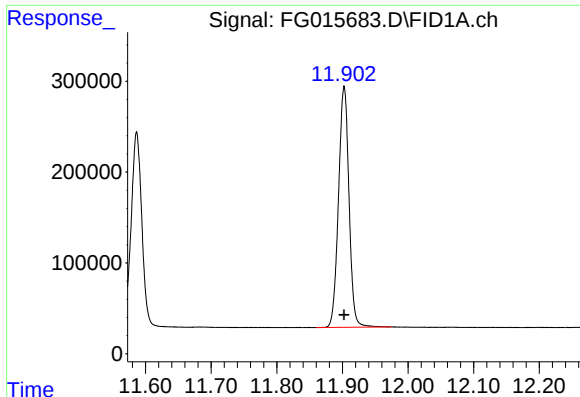
#7 n-Hexadecane (C16)

R.T.: 10.139 min
Delta R.T.: 0.000 min
Response: 2393242
Conc: 20.00 ug/ml



#8 n-Octadecane (C18)

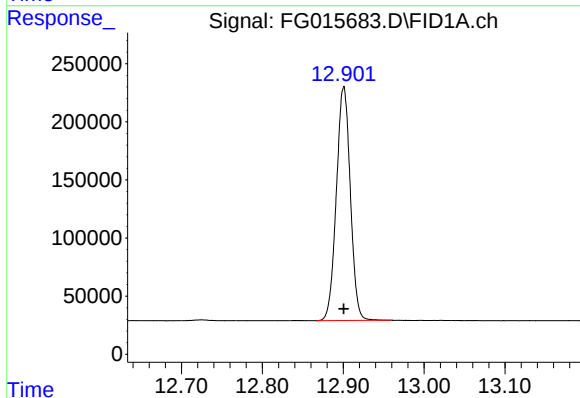
R.T.: 11.586 min
Delta R.T.: 0.000 min
Response: 2439955
Conc: 20.00 ug/ml



#9 ortho-Terphenyl (SURR)

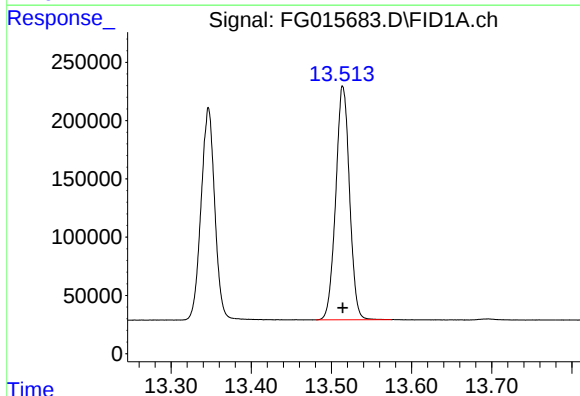
R.T.: 11.903 min
Delta R.T.: 0.000 min
Response: 2943016
Conc: 20.00 ug/ml

Instrument :
FID_G
ClientSampleId :
20 PPM ALIPHATIC HC STD3



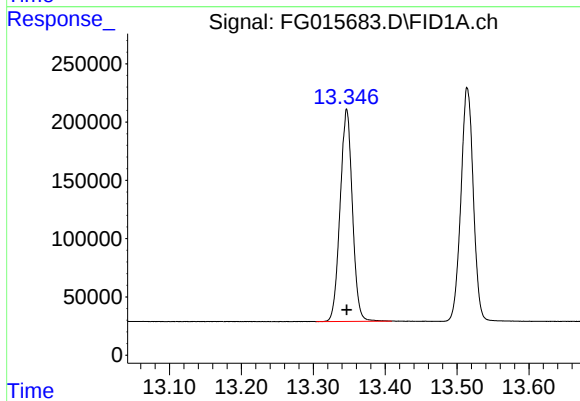
#10 n-Eicosane (C20)

R.T.: 12.901 min
Delta R.T.: 0.000 min
Response: 2418201
Conc: 20.00 ug/ml



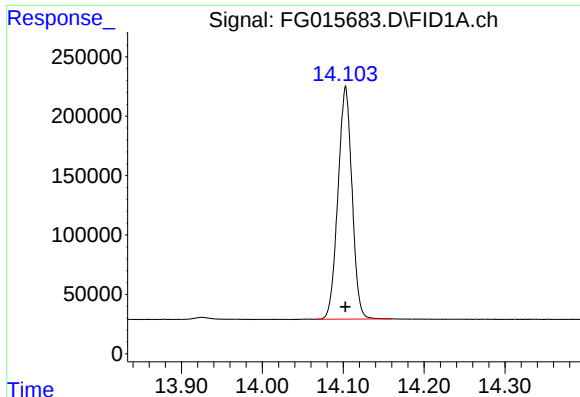
#11 n-Heneicosane (C21)

R.T.: 13.514 min
Delta R.T.: 0.000 min
Response: 2400671
Conc: 20.00 ug/ml



#12 1-chlorooctadecane (SURR)

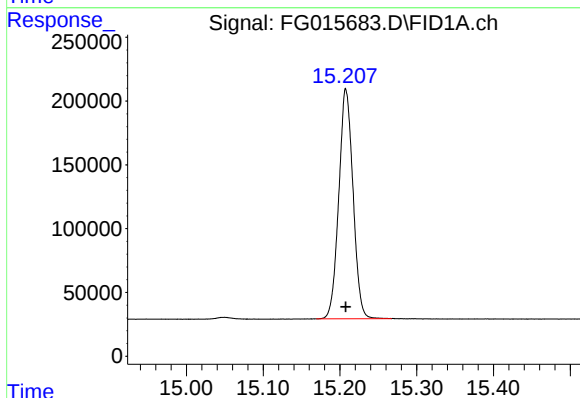
R.T.: 13.347 min
Delta R.T.: 0.000 min
Response: 2159631
Conc: 20.00 ug/ml



#13 n-Docosane (C22)

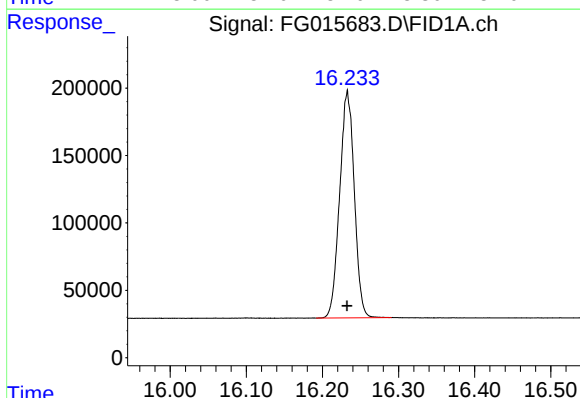
R.T.: 14.103 min
Delta R.T.: 0.000 min
Response: 2364428
Conc: 20.00 ug/ml

Instrument :
FID_G
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20 PPM ALIPHATIC HC STD3



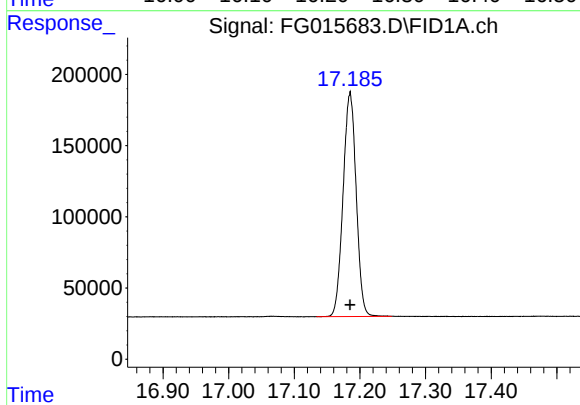
#14 n-Tetracosane (C24)

R.T.: 15.208 min
Delta R.T.: 0.000 min
Response: 2320026
Conc: 20.00 ug/ml



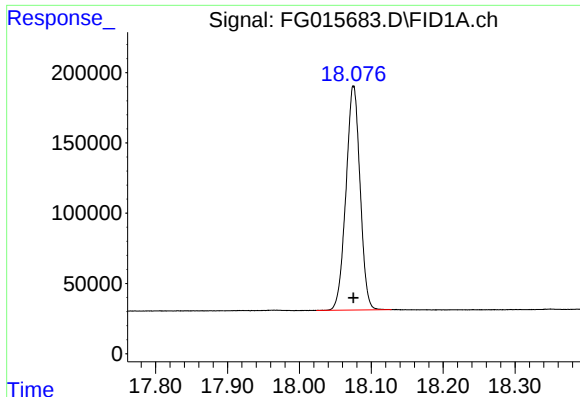
#15 n-Hexacosane (C26)

R.T.: 16.233 min
Delta R.T.: 0.000 min
Response: 2246550
Conc: 20.00 ug/ml



#16 n-Octacosane (C28)

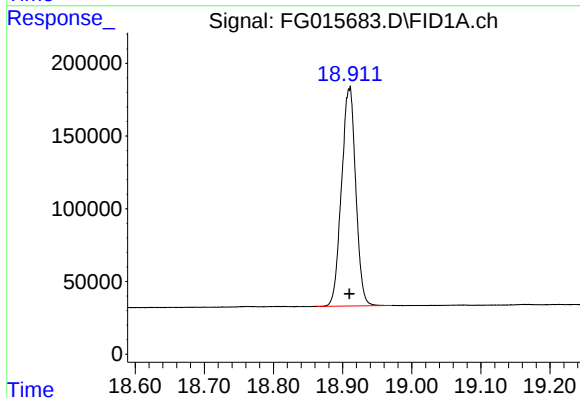
R.T.: 17.185 min
Delta R.T.: 0.000 min
Response: 2182018
Conc: 20.00 ug/ml



#17 n-Tricontane (C30)

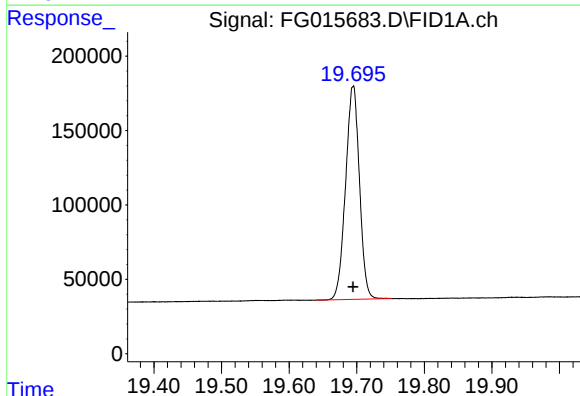
R.T.: 18.075 min
Delta R.T.: 0.000 min
Response: 2171935
Conc: 20.00 ug/ml

Instrument :
FID_G
ClientSampleId :
20 PPM ALIPHATIC HC STD3



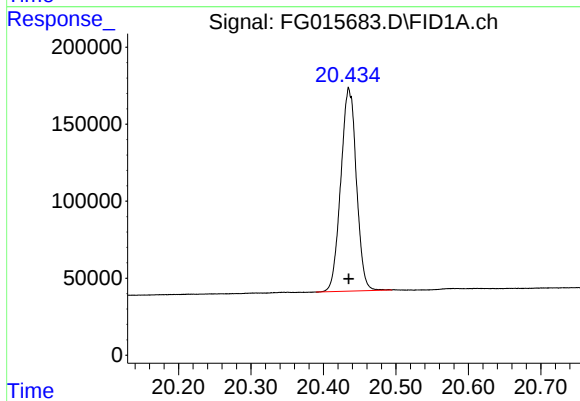
#18 n-Dotriacontane (C32)

R.T.: 18.910 min
Delta R.T.: 0.000 min
Response: 2151435
Conc: 20.00 ug/ml



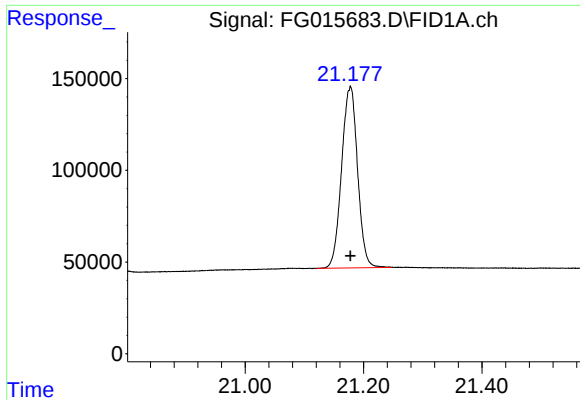
#19 n-Tetratriacontane (C34)

R.T.: 19.695 min
Delta R.T.: 0.000 min
Response: 2045868
Conc: 20.00 ug/ml



#20 n-Hexatriacontane (C36)

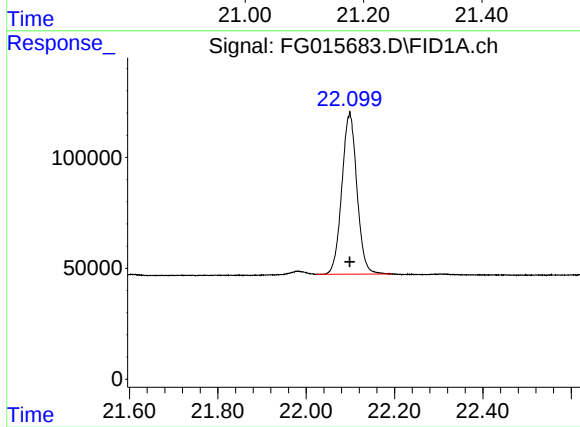
R.T.: 20.435 min
Delta R.T.: 0.000 min
Response: 1973962
Conc: 20.00 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.178 min
Delta R.T.: 0.000 min
Response: 1850673
Conc: 20.00 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.099 min
Delta R.T.: 0.000 min
Response: 1720310
Conc: 20.00 ug/ml