

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG041725AL\
 Data File : FG015686.D
 Signal(s) : FID1A.ch
 Acq On : 17 Apr 2025 12:45
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD ICV
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 20 PPM ALIPHATIC HC STD ICV

Integration File: autoint1.e
 Quant Time: Apr 17 12:57:50 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 041725.M
 Quant Title : GC Extractables
 QLast Update : Thu Apr 17 12:40:13 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)	11.902	2897428	19.986 ug/ml
Spiked Amount 50.000		Recovery =	39.97%
12) S 1-chlorooctadecane (S...	13.347	2133704	20.177 ug/ml
Spiked Amount 50.000		Recovery =	40.35%
Target Compounds			
1) T n-Nonane (C9)	3.251	2242094	20.063 ug/ml
2) T n-Decane (C10)	4.509	2255615	20.115 ug/ml
3) T A~Naphthalene (C11.7)	6.221	2367752	20.408 ug/ml
4) T n-Dodecane (C12)	6.689	2300601	20.121 ug/ml
5) T A~2-methylnaphthalene...	7.323	2288489	20.556 ug/ml
6) T n-Tetradecane (C14)	8.525	2292779	20.120 ug/ml
7) T n-Hexadecane (C16)	10.138	2348678	20.086 ug/ml
8) T n-Octadecane (C18)	11.587	2400058	20.064 ug/ml
10) T n-Eicosane (C20)	12.901	2387350	20.062 ug/ml
11) T n-Heneicosane (C21)	13.515	2367737	20.018 ug/ml
13) T n-Docosane (C22)	14.103	2360668	20.243 ug/ml
14) T n-Tetracosane (C24)	15.209	2376829	20.624 ug/ml
15) T n-Hexacosane (C26)	16.233	2315034	20.731 ug/ml
16) T n-Octacosane (C28)	17.185	2254448	20.715 ug/ml
17) T n-Tricontane (C30)	18.074	2234772	20.517 ug/ml
18) T n-Dotriacontane (C32)	18.909	2199394	20.444 ug/ml
19) T n-Tetratriacontane (C34)	19.694	2041836	20.039 ug/ml
20) T n-Hexatriacontane (C36)	20.434	1944278	19.876 ug/ml
21) T n-Octatriacontane (C38)	21.175	1772364	19.418 ug/ml
22) T n-Tetracontane (C40)	22.096	1587059	18.792 ug/ml

(f)=RT Delta > 1/2 Window

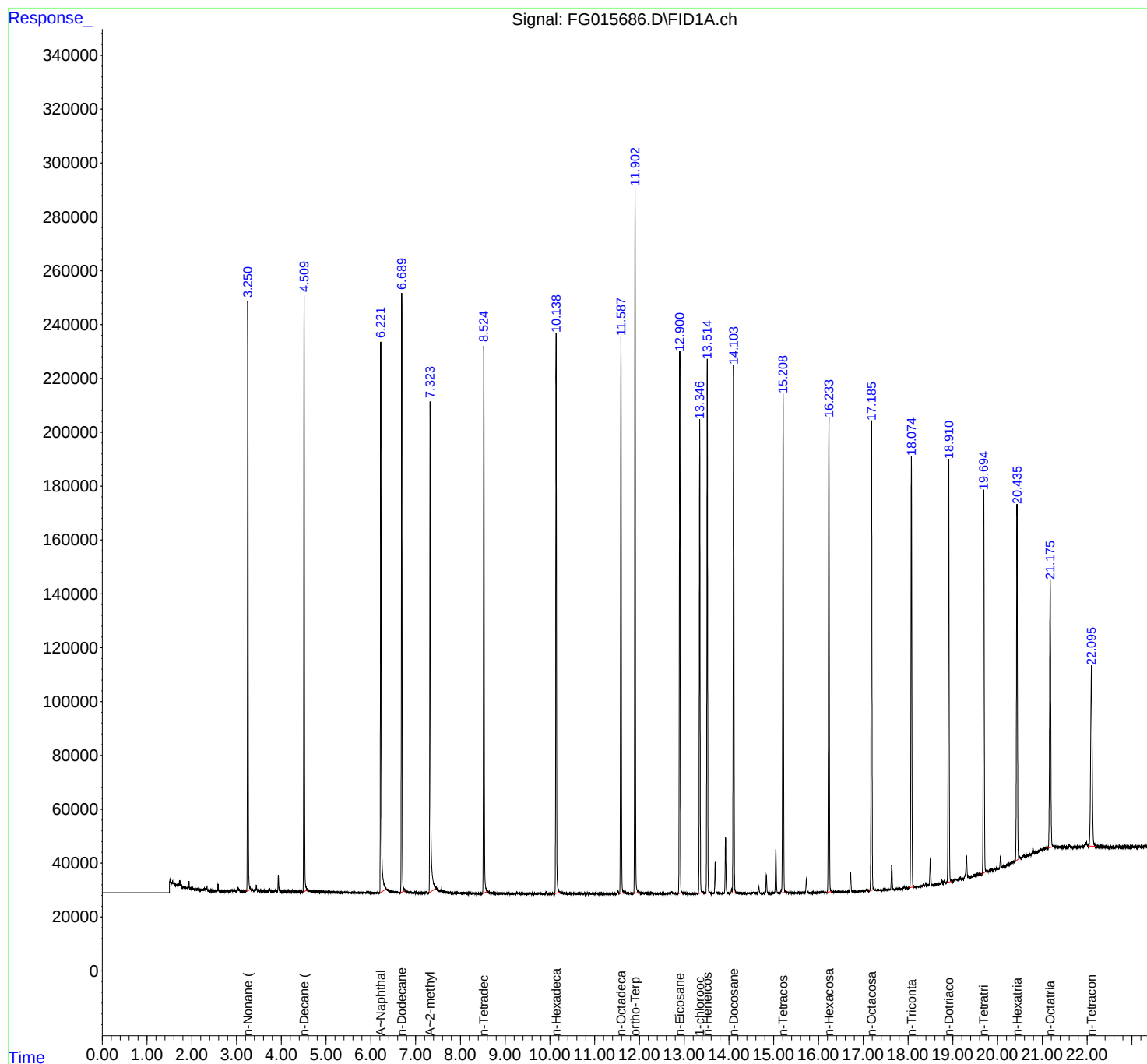
(m)=manual int.

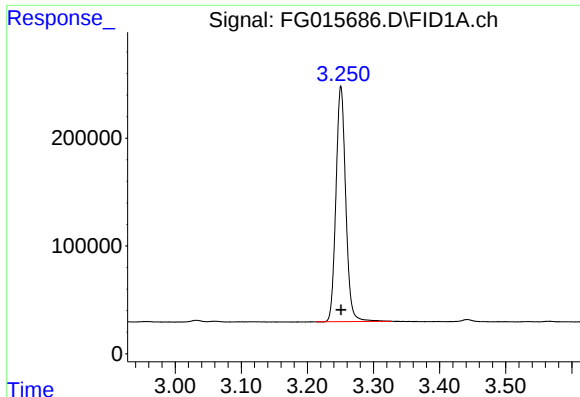
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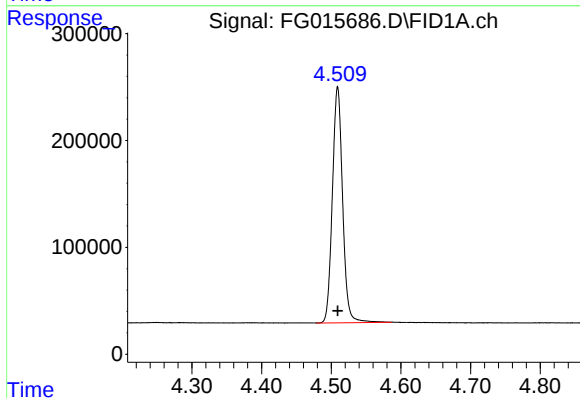




#1 n-Nonane (C9)

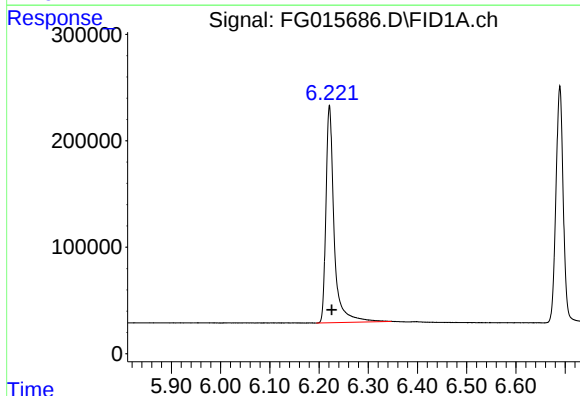
R.T.: 3.251 min
Delta R.T.: 0.000 min
Response: 2242094
Conc: 20.06 ug/ml

Instrument :
FID_G
ClientSampleId :
20 PPM ALIPHATIC HC STD ICV



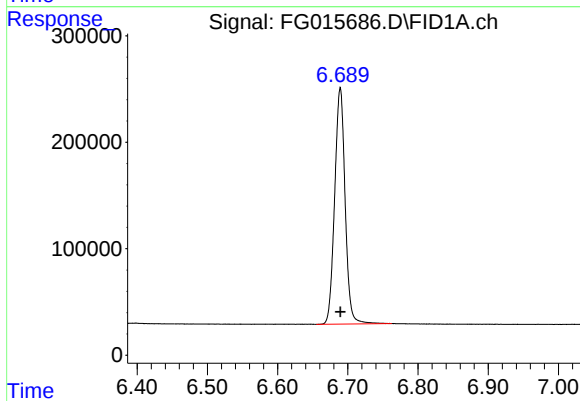
#2 n-Decane (C10)

R.T.: 4.509 min
Delta R.T.: 0.000 min
Response: 2255615
Conc: 20.12 ug/ml



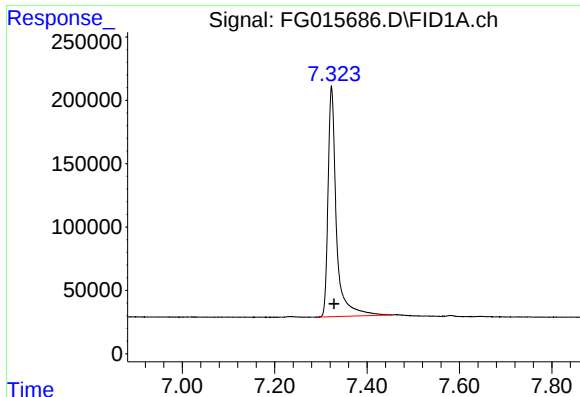
#3 A~Naphthalene (C11.7)

R.T.: 6.221 min
Delta R.T.: -0.004 min
Response: 2367752
Conc: 20.41 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.689 min
Delta R.T.: 0.000 min
Response: 2300601
Conc: 20.12 ug/ml



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

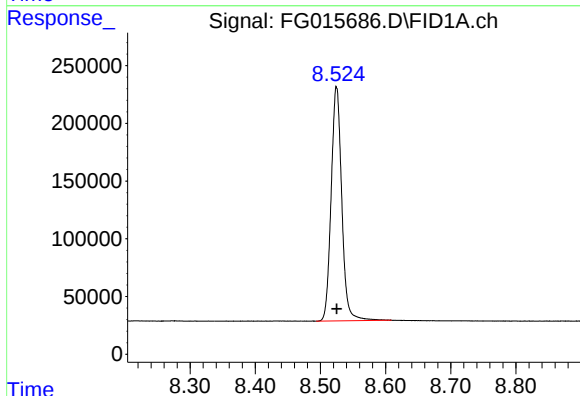
R.T.: 7.323 min
Delta R.T.: -0.005 min
Response: 2288489
Conc: 20.56 ug/ml

Instrument :

FID_G

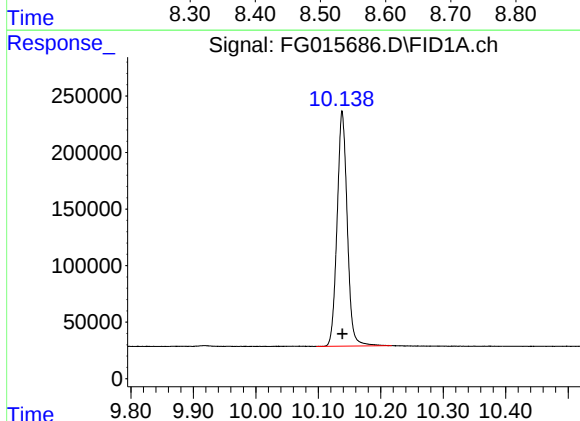
ClientSampleId :

20 PPM ALIPHATIC HC STD ICV



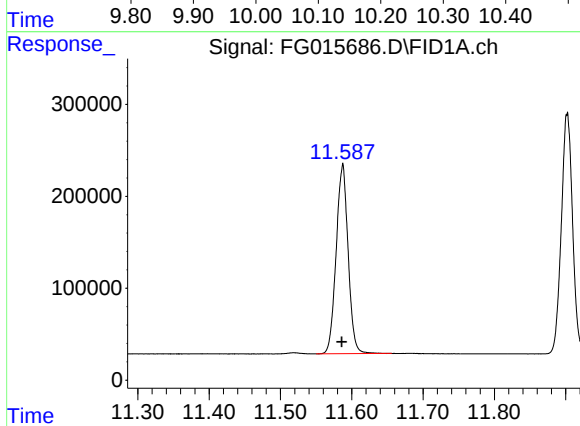
#6 n-Tetradecane (C14)

R.T.: 8.525 min
Delta R.T.: 0.000 min
Response: 2292779
Conc: 20.12 ug/ml



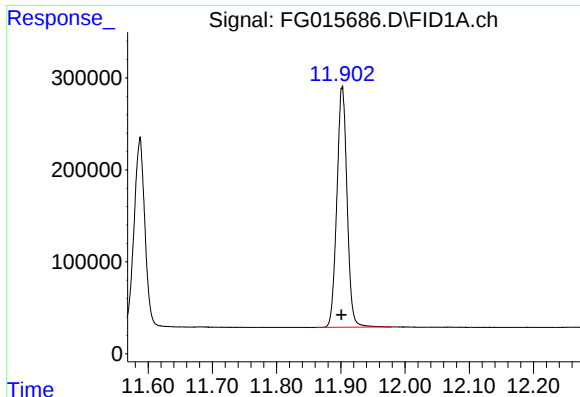
#7 n-Hexadecane (C16)

R.T.: 10.138 min
Delta R.T.: 0.000 min
Response: 2348678
Conc: 20.09 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.587 min
Delta R.T.: 0.001 min
Response: 2400058
Conc: 20.06 ug/ml



#9 ortho-Terphenyl (SURR)

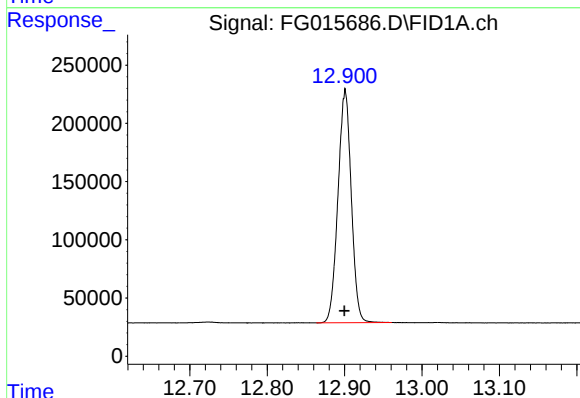
R.T.: 11.902 min
Delta R.T.: 0.001 min
Response: 2897428
Conc: 19.99 ug/ml

Instrument :

FID_G

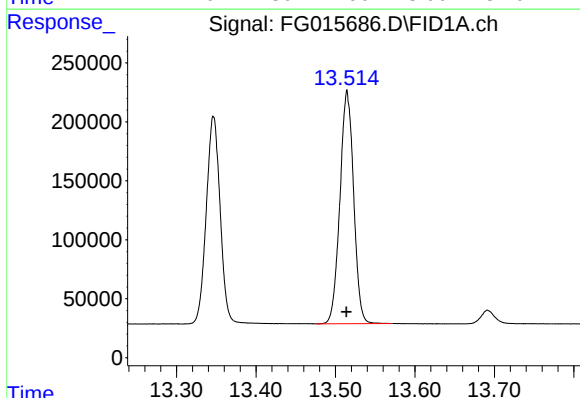
ClientSampleId :

20 PPM ALIPHATIC HC STD ICV



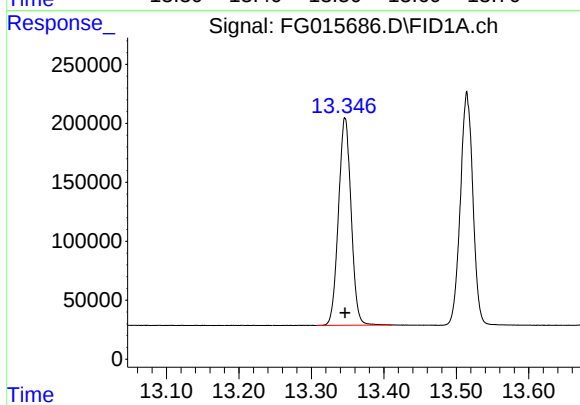
#10 n-Eicosane (C20)

R.T.: 12.901 min
Delta R.T.: 0.000 min
Response: 2387350
Conc: 20.06 ug/ml



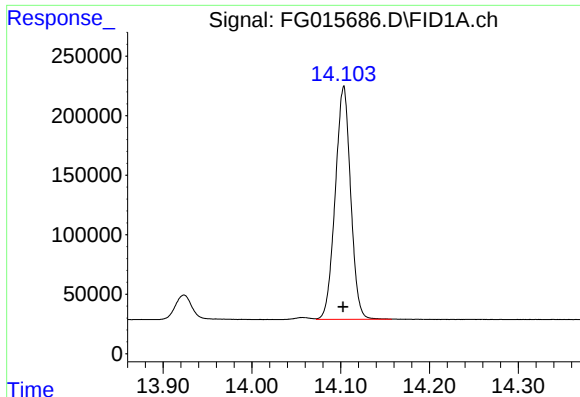
#11 n-Heneicosane (C21)

R.T.: 13.515 min
Delta R.T.: 0.000 min
Response: 2367737
Conc: 20.02 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.347 min
Delta R.T.: 0.000 min
Response: 2133704
Conc: 20.18 ug/ml



#13 n-Docosane (C22)

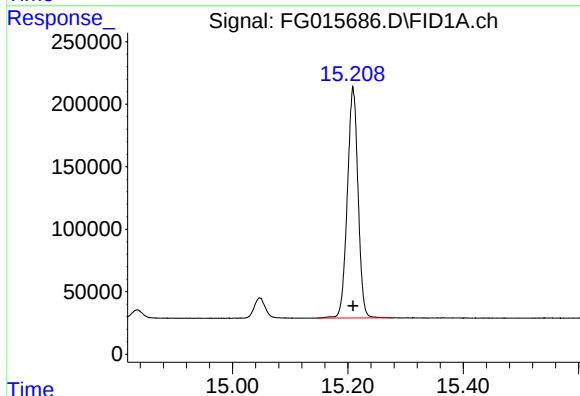
R.T.: 14.103 min
Delta R.T.: 0.000 min
Response: 2360668
Conc: 20.24 ug/ml

Instrument :

FID_G

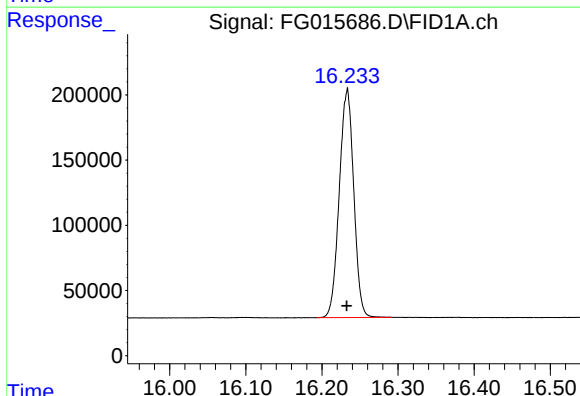
ClientSampleId :

20 PPM ALIPHATIC HC STD ICV



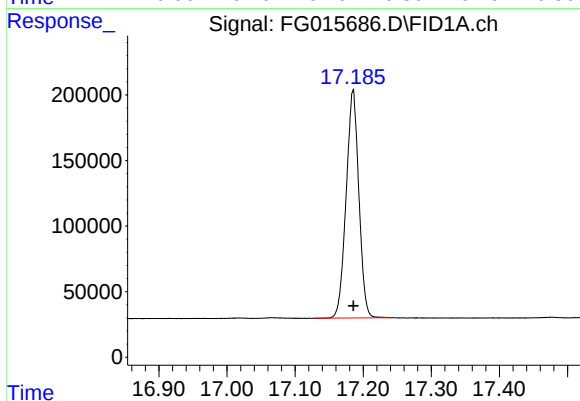
#14 n-Tetracosane (C24)

R.T.: 15.209 min
Delta R.T.: 0.000 min
Response: 2376829
Conc: 20.62 ug/ml



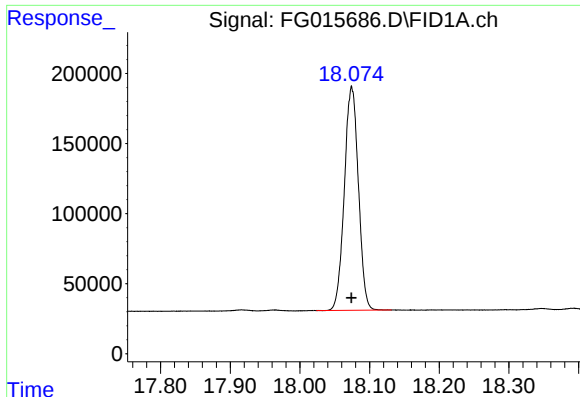
#15 n-Hexacosane (C26)

R.T.: 16.233 min
Delta R.T.: 0.000 min
Response: 2315034
Conc: 20.73 ug/ml



#16 n-Octacosane (C28)

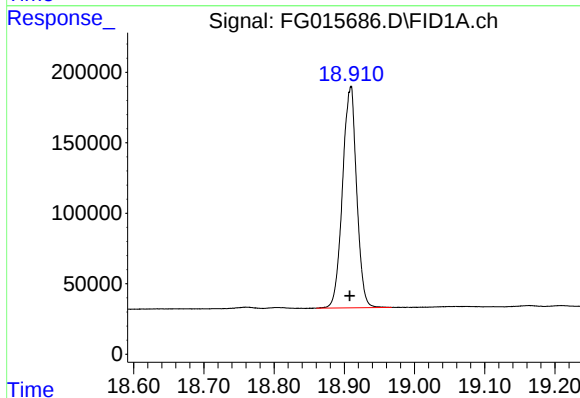
R.T.: 17.185 min
Delta R.T.: 0.000 min
Response: 2254448
Conc: 20.72 ug/ml



#17 n-Tricontane (C30)

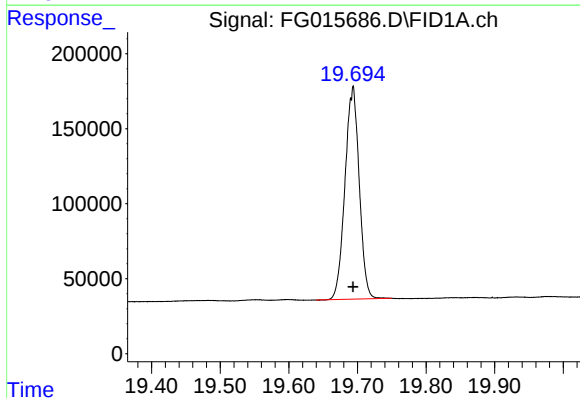
R.T.: 18.074 min
Delta R.T.: 0.000 min
Response: 2234772
Conc: 20.52 ug/ml

Instrument :
FID_G
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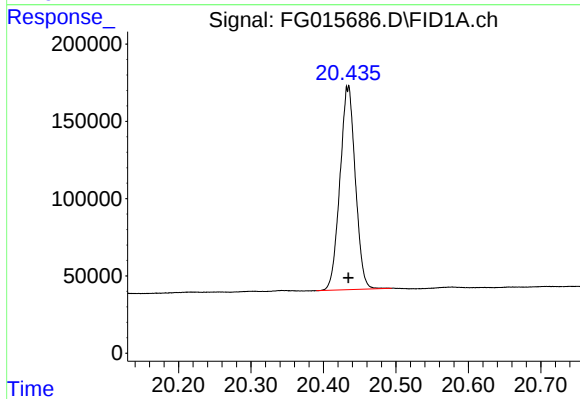
#18 n-Dotriacontane (C32)

R.T.: 18.909 min
Delta R.T.: 0.001 min
Response: 2199394
Conc: 20.44 ug/ml



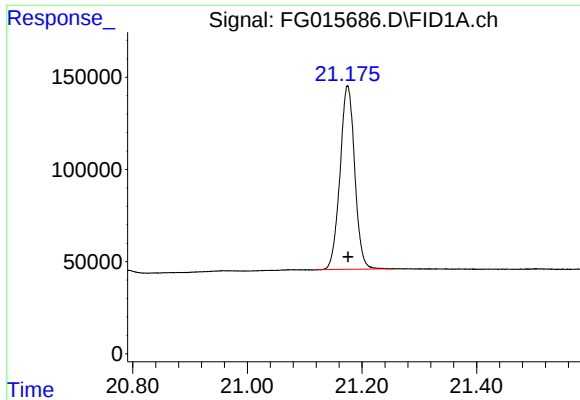
#19 n-Tetratriacontane (C34)

R.T.: 19.694 min
Delta R.T.: 0.000 min
Response: 2041836
Conc: 20.04 ug/ml



#20 n-Hexatriacontane (C36)

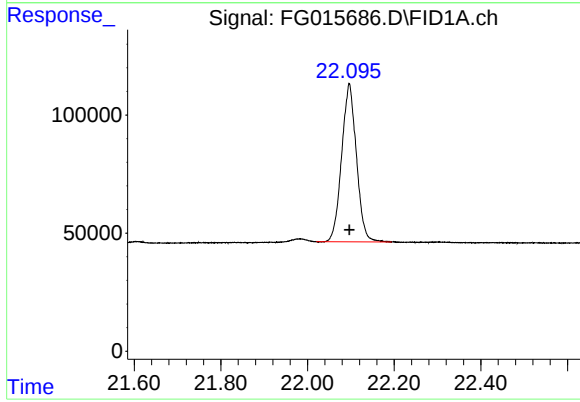
R.T.: 20.434 min
Delta R.T.: 0.000 min
Response: 1944278
Conc: 19.88 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.175 min
Delta R.T.: 0.000 min
Response: 1772364
Conc: 19.42 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.096 min
Delta R.T.: 0.000 min
Response: 1587059
Conc: 18.79 ug/ml