

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG011425AL\
 Data File : FG015072.D
 Signal(s) : FID1A.ch
 Acq On : 14 Jan 2025 12:54
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 66 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: Jan 14 13:03:48 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 011425.M
 Quant Title : GC Extractables
 QLast Update : Tue Jan 14 11:45:29 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)	11.943	3170787	20.281 ug/ml
Spiked Amount 50.000		Recovery =	40.56%
12) S 1-chlorooctadecane (S...	13.388	2486779	20.423 ug/ml
Spiked Amount 50.000		Recovery =	40.85%
Target Compounds			
1) T n-Nonane (C9)	3.286	2632505	20.276 ug/ml
2) T n-Decane (C10)	4.545	2693119	20.266 ug/ml
3) T A~Naphthalene (C11.7)	6.256	2957588	20.252 ug/ml
4) T n-Dodecane (C12)	6.725	2749668	20.227 ug/ml
5) T A~2-methylnaphthalene...	7.357	2892123	20.259 ug/ml
6) T n-Tetradecane (C14)	8.562	2781816	20.228 ug/ml
7) T n-Hexadecane (C16)	10.176	2933430	20.245 ug/ml
8) T n-Octadecane (C18)	11.626	3005686	20.223 ug/ml
10) T n-Eicosane (C20)	12.942	2916812	20.321 ug/ml
11) T n-Heneicosane (C21)	13.557	2875355	20.336 ug/ml
13) T n-Docosane (C22)	14.145	2863407	20.366 ug/ml
14) T n-Tetracosane (C24)	15.253	2842684	20.424 ug/ml
15) T n-Hexacosane (C26)	16.278	2775002	20.487 ug/ml
16) T n-Octacosane (C28)	17.232	2701770	20.531 ug/ml
17) T n-Tricontane (C30)	18.123	2729775	20.578 ug/ml
18) T n-Dotriacontane (C32)	18.956	2596265	20.585 ug/ml
19) T n-Tetratriacontane (C34)	19.743	2241263	20.584 ug/ml
20) T n-Hexatriacontane (C36)	20.484	1916703	20.530 ug/ml
21) T n-Octatriacontane (C38)	21.234	1801070	20.524 ug/ml
22) T n-Tetracontane (C40)	22.173	1741393	20.544 ug/ml

(f)=RT Delta > 1/2 Window

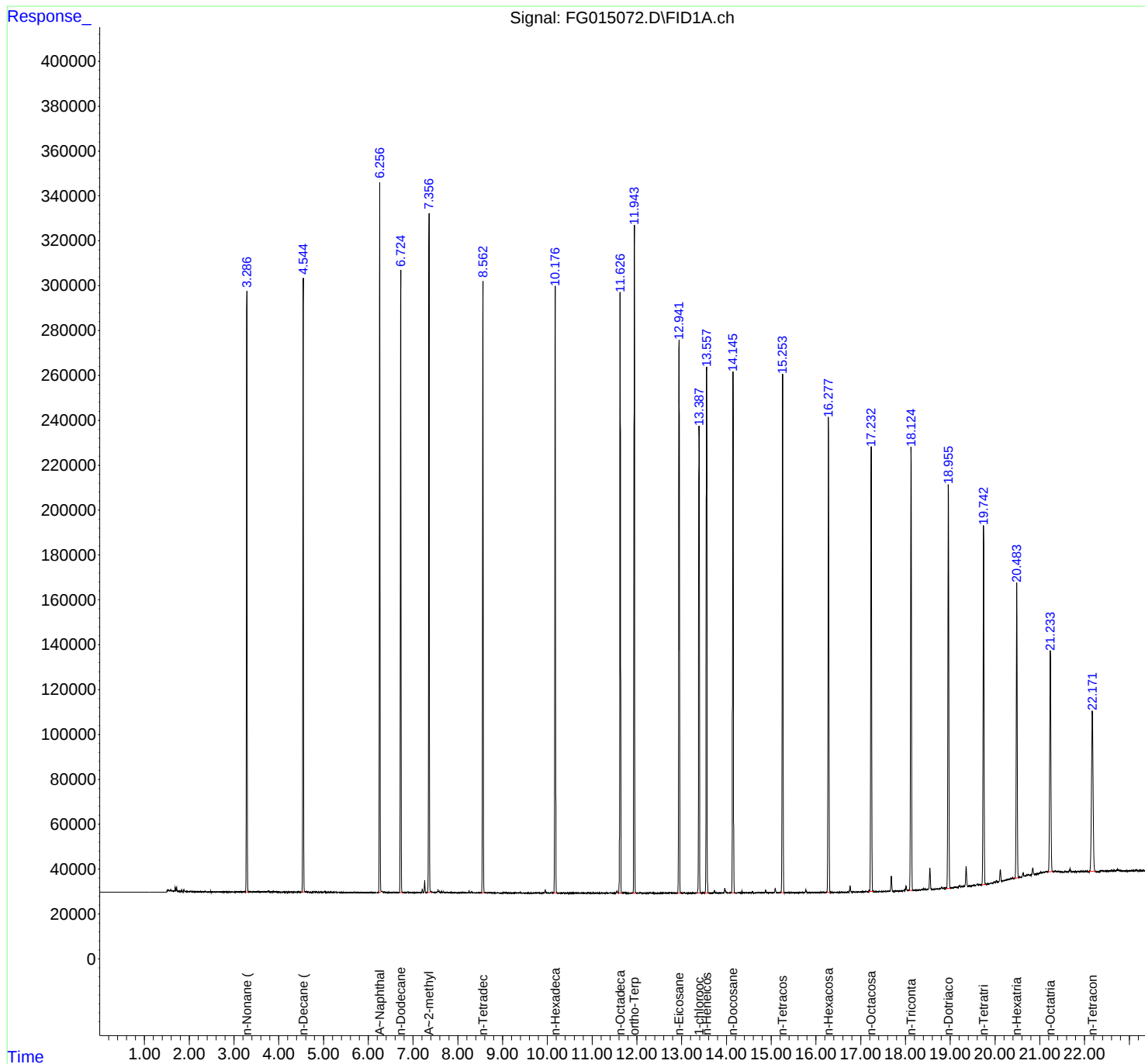
(m)=manual int.

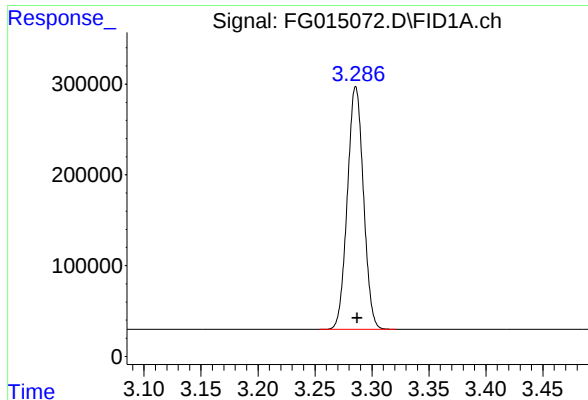
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG011425AL\
Data File : FG015072.D
Signal(s) : FID1A.ch
Acq On : 14 Jan 2025 12:54
Operator : YP\AJ
Sample : 20 PPM ALIPHATIC HC STD
Misc :
ALS Vial : 66 Sample Multiplier: 1

Instrument :
FID_G
ClientSampleId :
20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
Quant Time: Jan 14 13:03:48 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 011425.M
Quant Title : GC Extractables
QLast Update : Tue Jan 14 11:45:29 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um

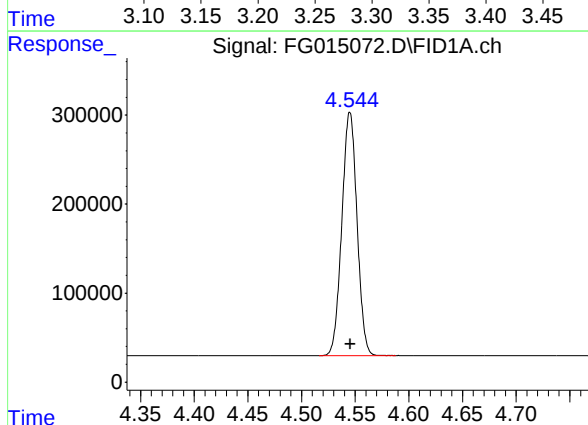




#1 n-Nonane (C9)

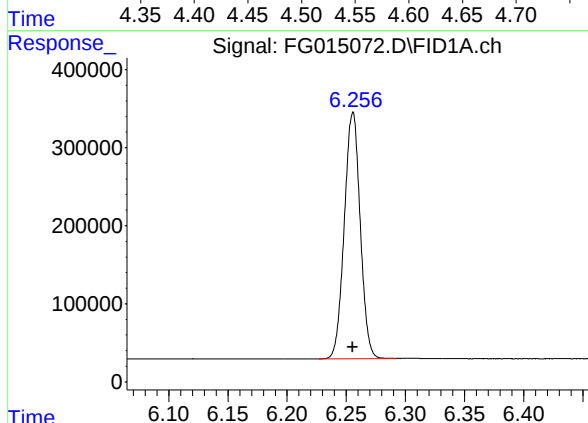
R.T.: 3.286 min
Delta R.T.: -0.001 min
Response: 2632505
Conc: 20.28 ug/ml

Instrument :
FID_G
ClientSampleId :
20 PPM ALIPHATIC HC STD



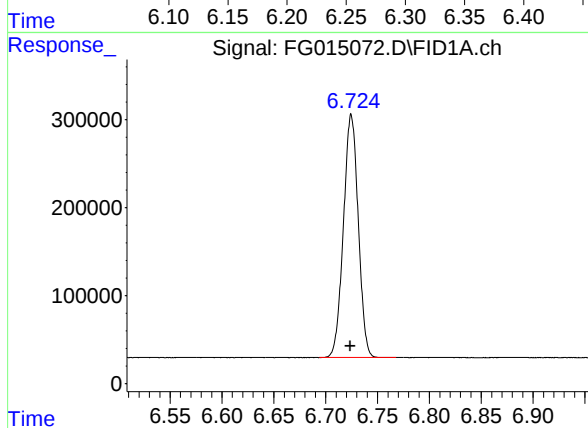
#2 n-Decane (C10)

R.T.: 4.545 min
Delta R.T.: 0.000 min
Response: 2693119
Conc: 20.27 ug/ml



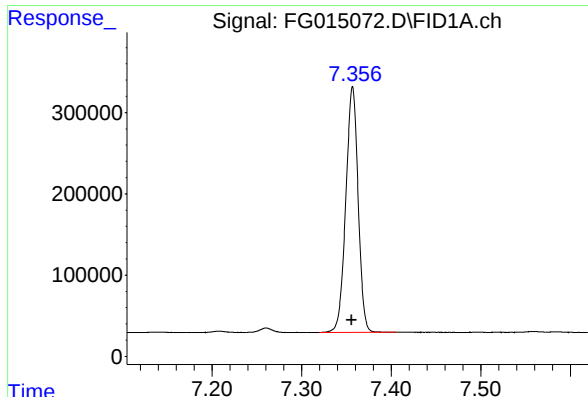
#3 A~Naphthalene (C11.7)

R.T.: 6.256 min
Delta R.T.: 0.000 min
Response: 2957588
Conc: 20.25 ug/ml



#4 n-Dodecane (C12)

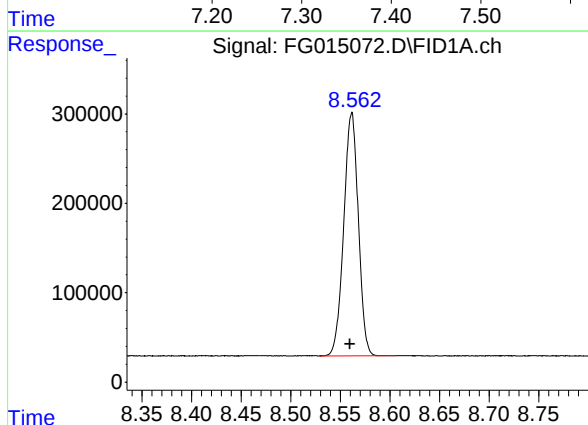
R.T.: 6.725 min
Delta R.T.: 0.000 min
Response: 2749668
Conc: 20.23 ug/ml



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

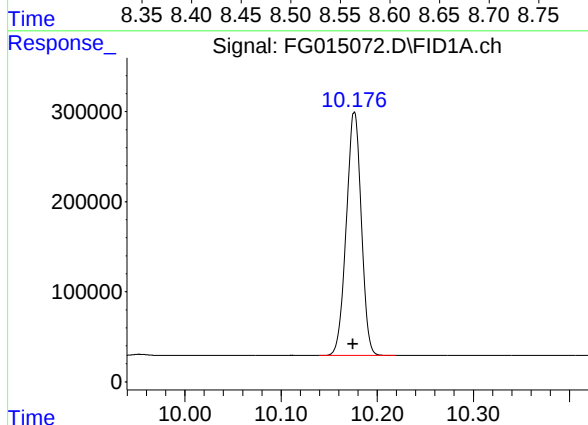
R.T.: 7.357 min
Delta R.T.: 0.000 min
Response: 2892123
Conc: 20.26 ug/ml

Instrument :
FID_G
ClientSampleId :
20 PPM ALIPHATIC HC STD



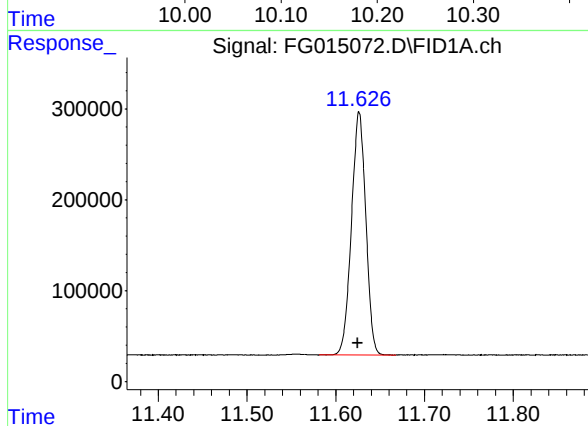
#6 n-Tetradecane (C14)

R.T.: 8.562 min
Delta R.T.: 0.002 min
Response: 2781816
Conc: 20.23 ug/ml



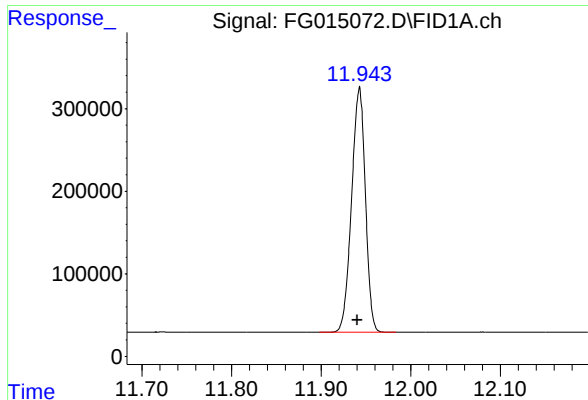
#7 n-Hexadecane (C16)

R.T.: 10.176 min
Delta R.T.: 0.001 min
Response: 2933430
Conc: 20.25 ug/ml



#8 n-Octadecane (C18)

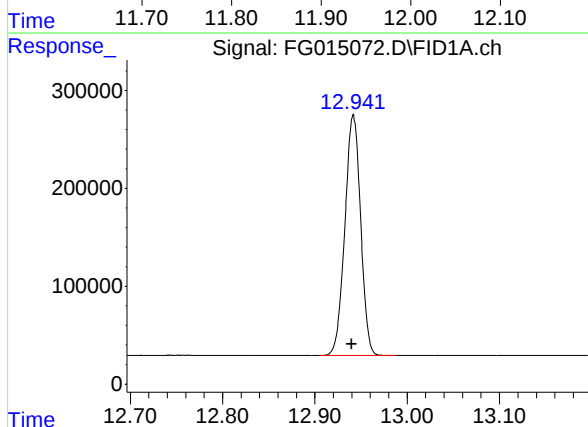
R.T.: 11.626 min
Delta R.T.: 0.002 min
Response: 3005686
Conc: 20.22 ug/ml



#9 ortho-Terphenyl (SURR)

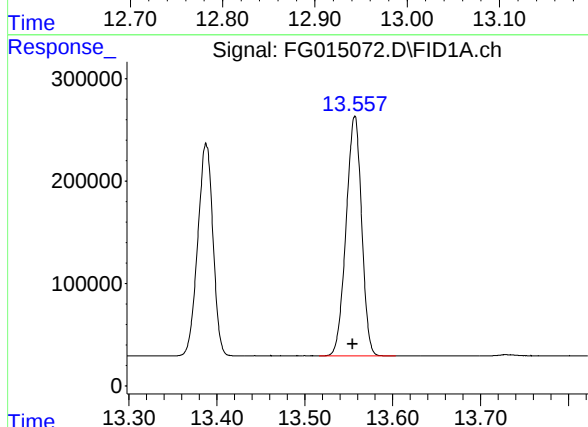
R.T.: 11.943 min
Delta R.T.: 0.003 min
Response: 3170787
Conc: 20.28 ug/ml

Instrument :
FID_G
ClientSampleId :
20 PPM ALIPHATIC HC STD



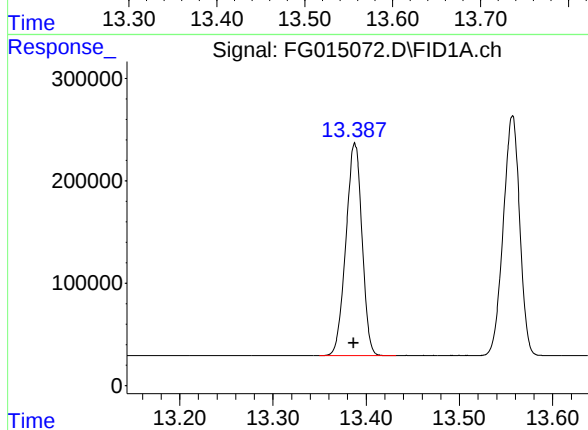
#10 n-Eicosane (C20)

R.T.: 12.942 min
Delta R.T.: 0.002 min
Response: 2916812
Conc: 20.32 ug/ml



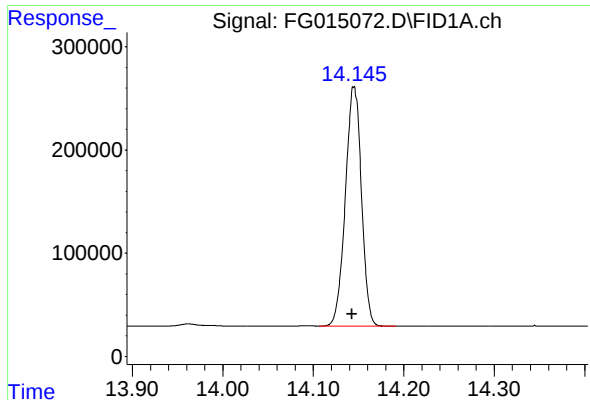
#11 n-Heneicosane (C21)

R.T.: 13.557 min
Delta R.T.: 0.002 min
Response: 2875355
Conc: 20.34 ug/ml



#12 1-chlorooctadecane (SURR)

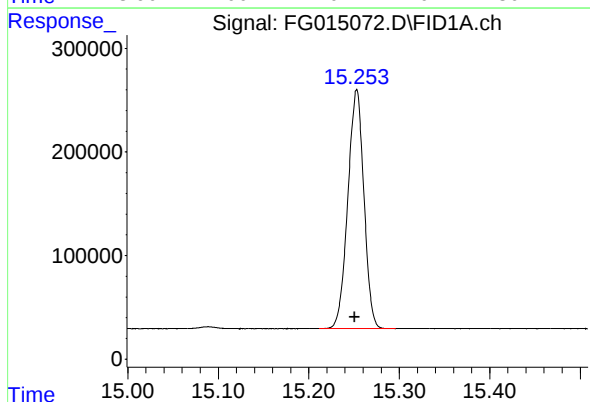
R.T.: 13.388 min
Delta R.T.: 0.001 min
Response: 2486779
Conc: 20.42 ug/ml



#13 n-Docosane (C22)

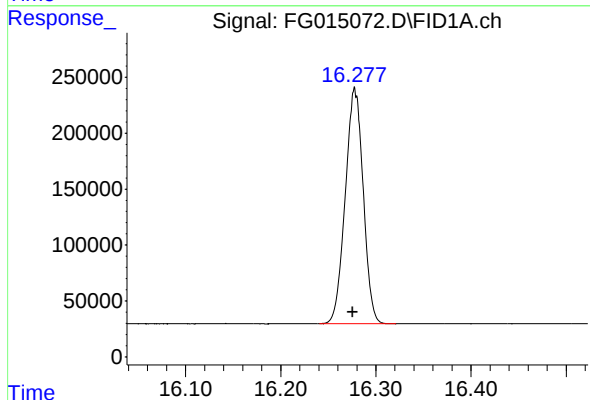
R.T.: 14.145 min
Delta R.T.: 0.002 min
Response: 2863407
Conc: 20.37 ug/ml

Instrument :
FID_G
ClientSampleId :
20 PPM ALIPHATIC HC STD



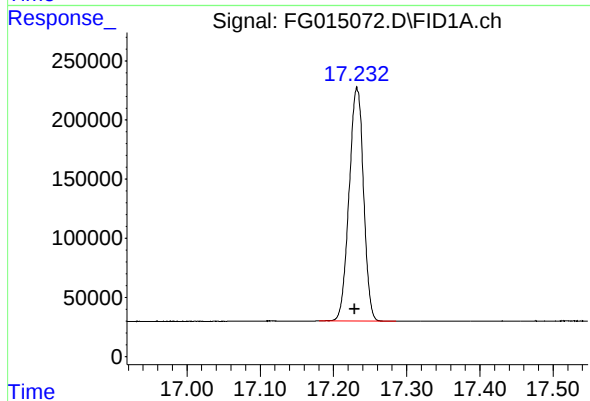
#14 n-Tetracosane (C24)

R.T.: 15.253 min
Delta R.T.: 0.002 min
Response: 2842684
Conc: 20.42 ug/ml



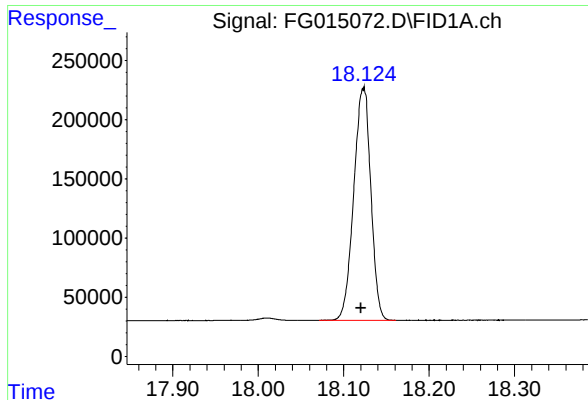
#15 n-Hexacosane (C26)

R.T.: 16.278 min
Delta R.T.: 0.002 min
Response: 2775002
Conc: 20.49 ug/ml



#16 n-Octacosane (C28)

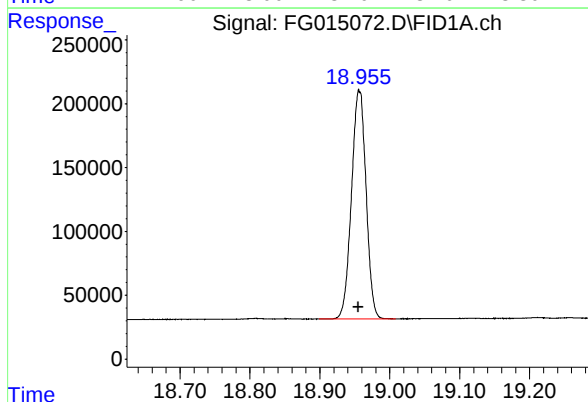
R.T.: 17.232 min
Delta R.T.: 0.003 min
Response: 2701770
Conc: 20.53 ug/ml



#17 n-Tricontane (C30)

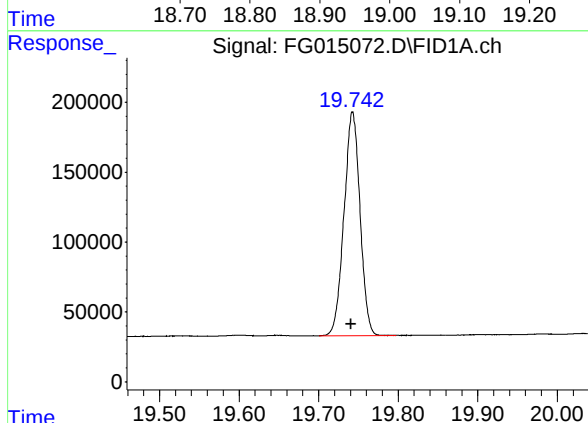
R.T.: 18.123 min
Delta R.T.: 0.003 min
Response: 2729775
Conc: 20.58 ug/ml

Instrument :
FID_G
ClientSampleId :
20 PPM ALIPHATIC HC STD



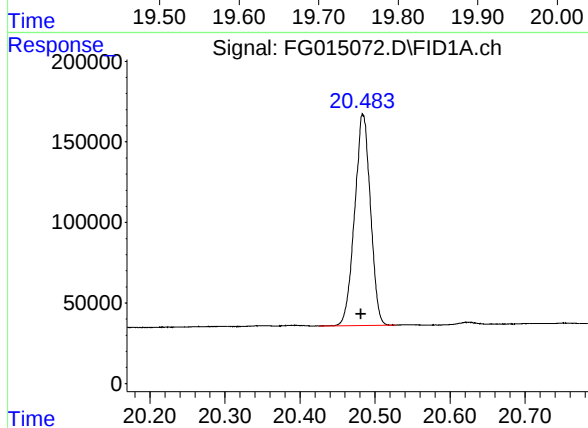
#18 n-Dotriacontane (C32)

R.T.: 18.956 min
Delta R.T.: 0.001 min
Response: 2596265
Conc: 20.59 ug/ml



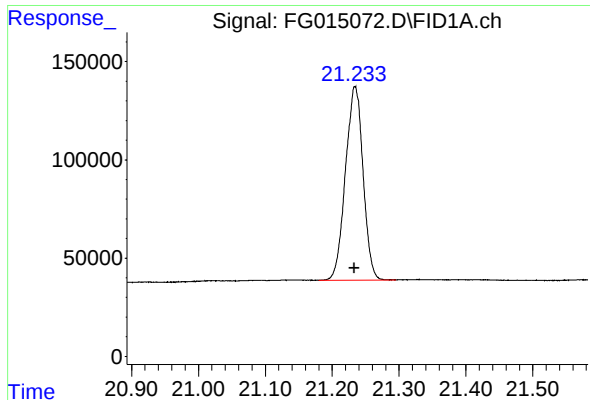
#19 n-Tetratriacontane (C34)

R.T.: 19.743 min
Delta R.T.: 0.002 min
Response: 2241263
Conc: 20.58 ug/ml



#20 n-Hexatriacontane (C36)

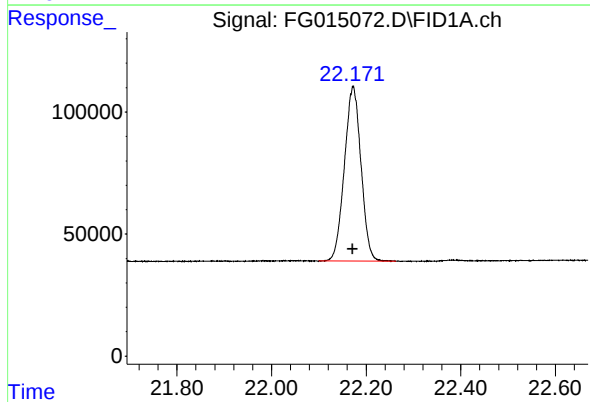
R.T.: 20.484 min
Delta R.T.: 0.002 min
Response: 1916703
Conc: 20.53 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.234 min
Delta R.T.: 0.001 min
Response: 1801070
Conc: 20.52 ug/ml

Instrument :
FID_G
ClientSampleId :
20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 22.173 min
Delta R.T.: 0.001 min
Response: 1741393
Conc: 20.54 ug/ml