

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG012325AL\
 Data File : FG015132.D
 Signal(s) : FID1A.ch
 Acq On : 23 Jan 2025 09:12
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: Jan 24 00:44:52 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)	11.942	2931846	18.752 ug/ml
Spiked Amount 50.000		Recovery =	37.50%
12) S 1-chlorooctadecane (S...	13.386	2283948	18.757 ug/ml
Spiked Amount 50.000		Recovery =	37.51%
Target Compounds			
1) T n-Nonane (C9)	3.284	2453307	18.896 ug/ml
2) T n-Decane (C10)	4.544	2522490	18.982 ug/ml
3) T A~Naphthalene (C11.7)	6.254	2776690	19.014 ug/ml
4) T n-Dodecane (C12)	6.723	2589037	19.045 ug/ml
5) T A~2-methylnaphthalene...	7.356	2711876	18.997 ug/ml
6) T n-Tetradecane (C14)	8.560	2620187	19.053 ug/ml
7) T n-Hexadecane (C16)	10.175	2749787	18.978 ug/ml
8) T n-Octadecane (C18)	11.625	2795693	18.810 ug/ml
10) T n-Eicosane (C20)	12.941	2693481	18.765 ug/ml
11) T n-Heneicosane (C21)	13.555	2645760	18.712 ug/ml
13) T n-Docosane (C22)	14.144	2623908	18.662 ug/ml
14) T n-Tetracosane (C24)	15.251	2581175	18.545 ug/ml
15) T n-Hexacosane (C26)	16.277	2500399	18.460 ug/ml
16) T n-Octacosane (C28)	17.229	2420667	18.395 ug/ml
17) T n-Tricontane (C30)	18.119	2446608	18.443 ug/ml
18) T n-Dotriacontane (C32)	18.955	2323851	18.425 ug/ml
19) T n-Tetratriacontane (C34)	19.740	2005337	18.417 ug/ml
20) T n-Hexatriacontane (C36)	20.481	1719126	18.414 ug/ml
21) T n-Octatriacontane (C38)	21.233	1616042	18.415 ug/ml
22) T n-Tetracontane (C40)	22.168	1573993	18.569 ug/ml

(f)=RT Delta > 1/2 Window

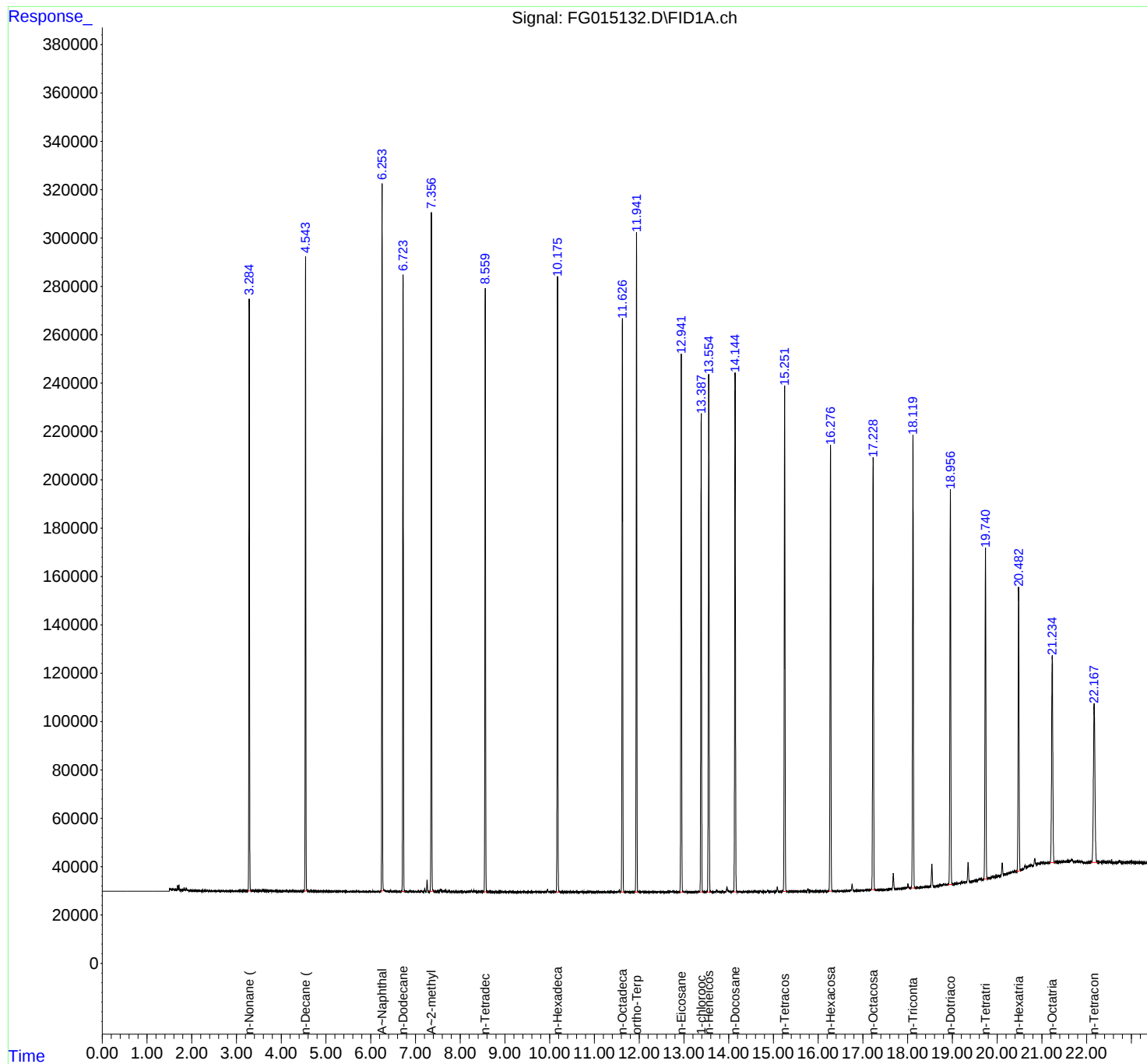
(m)=manual int.

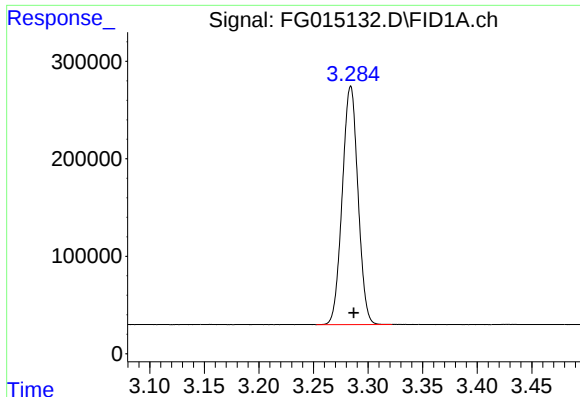
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG012325AL\
Data File : FG015132.D
Signal(s) : FID1A.ch
Acq On : 23 Jan 2025 09:12
Operator : YP\AJ
Sample : 20 PPM ALIPHATIC HC STD
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
FID_G
ClientSampleId :
20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
Quant Time: Jan 24 00:44:52 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

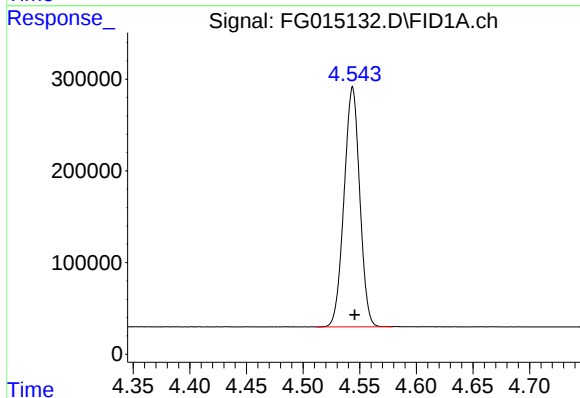




#1 n-Nonane (C9)

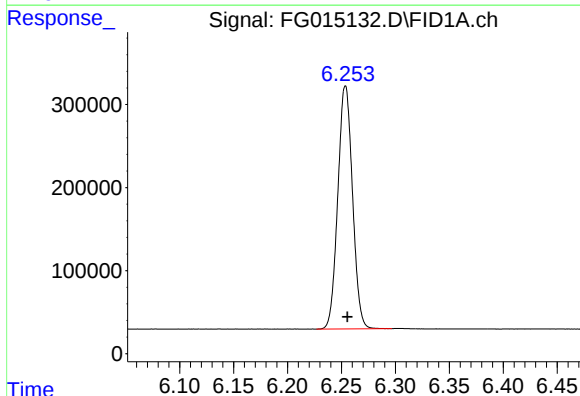
R.T.: 3.284 min
Delta R.T.: -0.003 min
Response: 2453307
Conc: 18.90 ug/ml

Instrument :
FID_G
ClientSampleId :
20 PPM ALIPHATIC HC STD



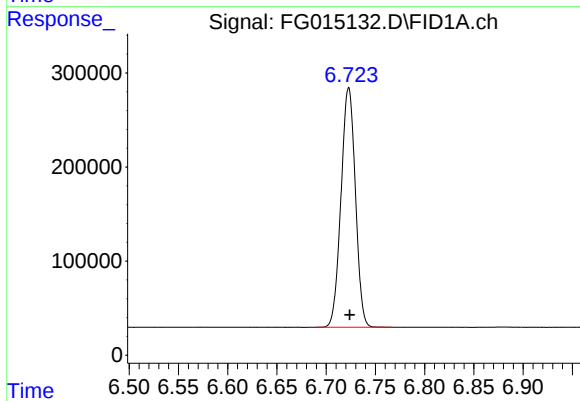
#2 n-Decane (C10)

R.T.: 4.544 min
Delta R.T.: -0.002 min
Response: 2522490
Conc: 18.98 ug/ml



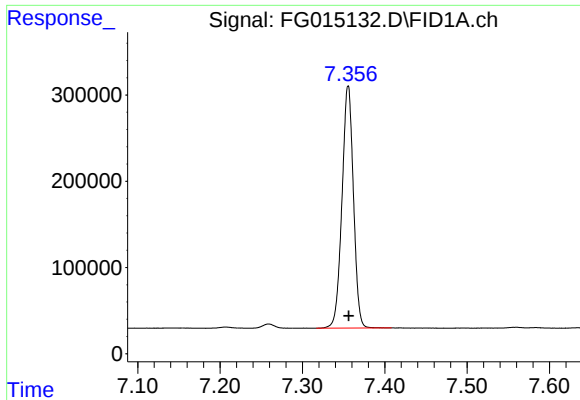
#3 A~Naphthalene (C11.7)

R.T.: 6.254 min
Delta R.T.: -0.002 min
Response: 2776690
Conc: 19.01 ug/ml



#4 n-Dodecane (C12)

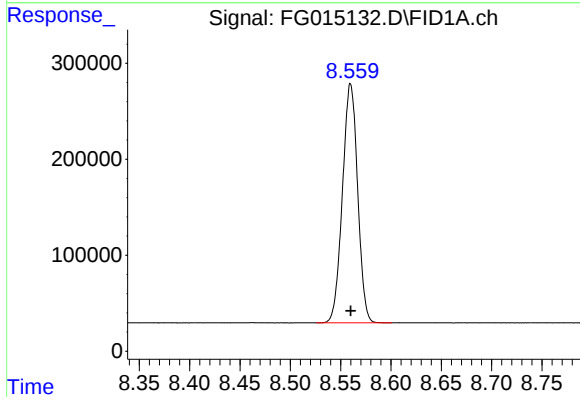
R.T.: 6.723 min
Delta R.T.: 0.000 min
Response: 2589037
Conc: 19.05 ug/ml



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

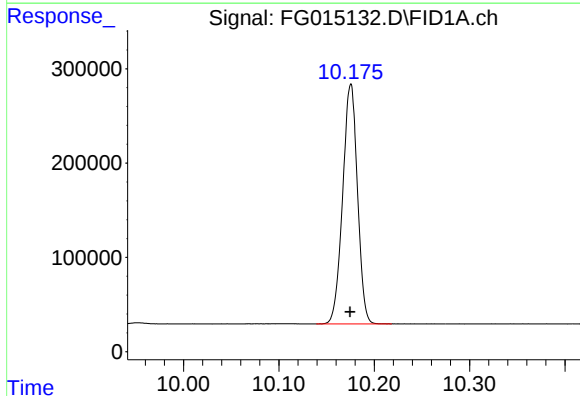
R.T.: 7.356 min
Delta R.T.: 0.000 min
Response: 2711876
Conc: 19.00 ug/ml

Instrument :
FID_G
ClientSampleId :
20 PPM ALIPHATIC HC STD



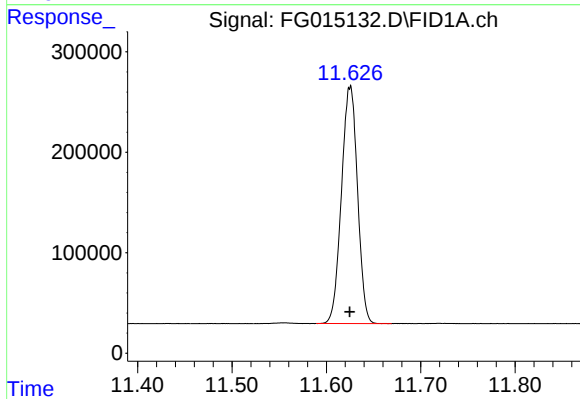
#6 n-Tetradecane (C14)

R.T.: 8.560 min
Delta R.T.: 0.000 min
Response: 2620187
Conc: 19.05 ug/ml



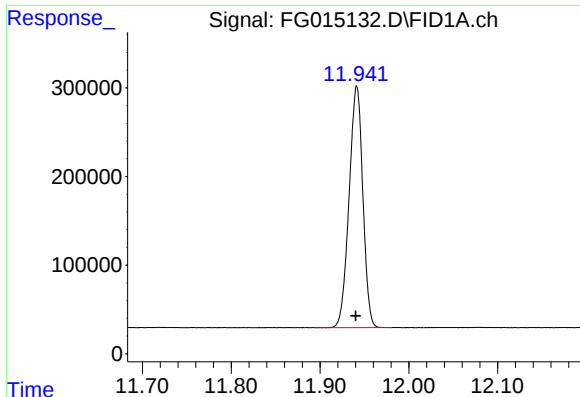
#7 n-Hexadecane (C16)

R.T.: 10.175 min
Delta R.T.: 0.000 min
Response: 2749787
Conc: 18.98 ug/ml



#8 n-Octadecane (C18)

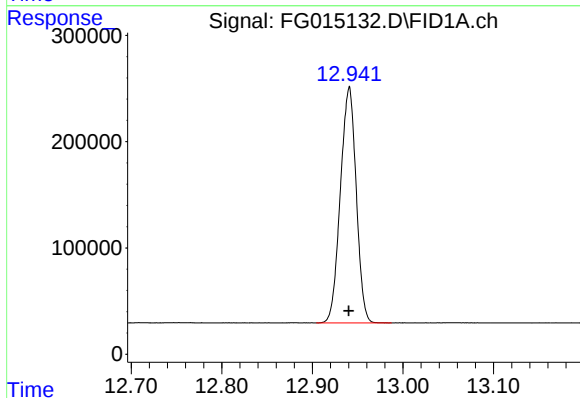
R.T.: 11.625 min
Delta R.T.: 0.000 min
Response: 2795693
Conc: 18.81 ug/ml



#9 ortho-Terphenyl (SURR)

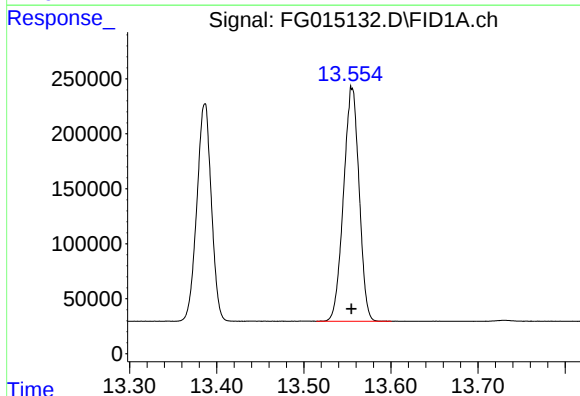
R.T.: 11.942 min
Delta R.T.: 0.001 min
Response: 2931846
Conc: 18.75 ug/ml

Instrument :
FID_G
ClientSampleId :
20 PPM ALIPHATIC HC STD



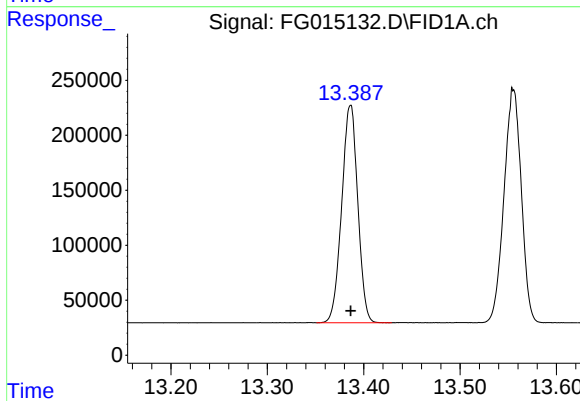
#10 n-Eicosane (C20)

R.T.: 12.941 min
Delta R.T.: 0.000 min
Response: 2693481
Conc: 18.77 ug/ml



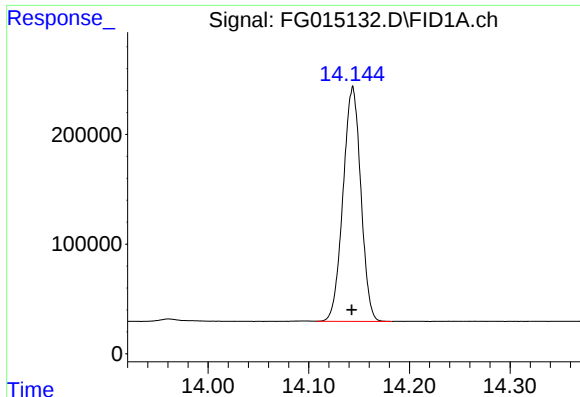
#11 n-Heneicosane (C21)

R.T.: 13.555 min
Delta R.T.: 0.000 min
Response: 2645760
Conc: 18.71 ug/ml



#12 1-chlorooctadecane (SURR)

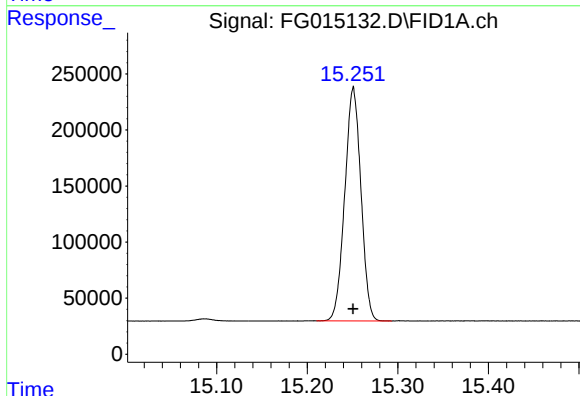
R.T.: 13.386 min
Delta R.T.: 0.000 min
Response: 2283948
Conc: 18.76 ug/ml



#13 n-Docosane (C22)

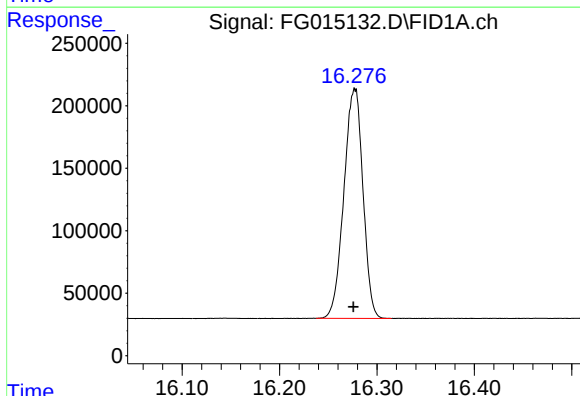
R.T.: 14.144 min
Delta R.T.: 0.000 min
Response: 2623908
Conc: 18.66 ug/ml

Instrument :
FID_G
ClientSampleId :
20 PPM ALIPHATIC HC STD



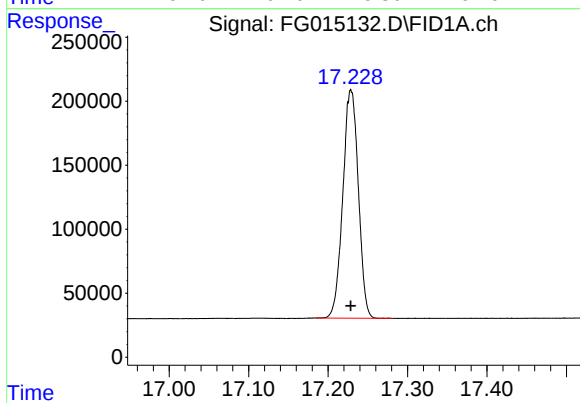
#14 n-Tetracosane (C24)

R.T.: 15.251 min
Delta R.T.: 0.000 min
Response: 2581175
Conc: 18.55 ug/ml



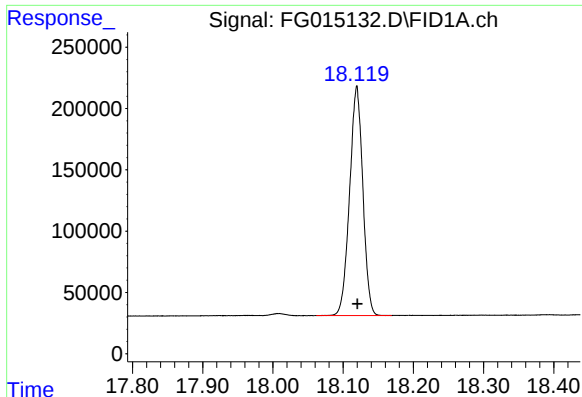
#15 n-Hexacosane (C26)

R.T.: 16.277 min
Delta R.T.: 0.002 min
Response: 2500399
Conc: 18.46 ug/ml



#16 n-Octacosane (C28)

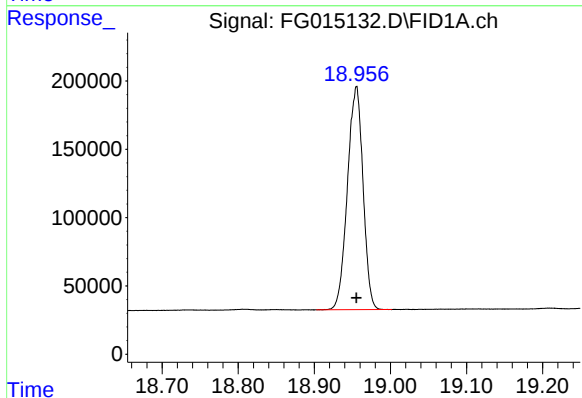
R.T.: 17.229 min
Delta R.T.: 0.000 min
Response: 2420667
Conc: 18.39 ug/ml



#17 n-Tricontane (C30)

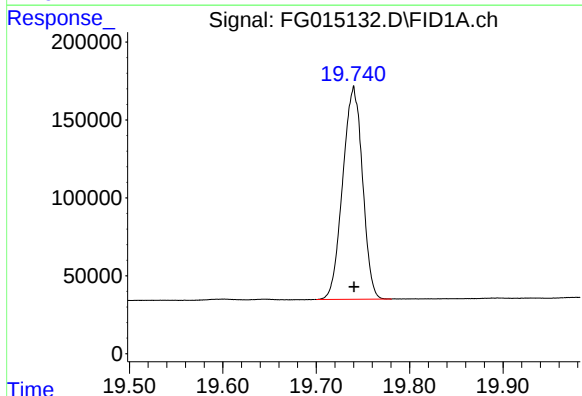
R.T.: 18.119 min
Delta R.T.: 0.000 min
Response: 2446608
Conc: 18.44 ug/ml

Instrument :
FID_G
ClientSampleId :
20 PPM ALIPHATIC HC STD



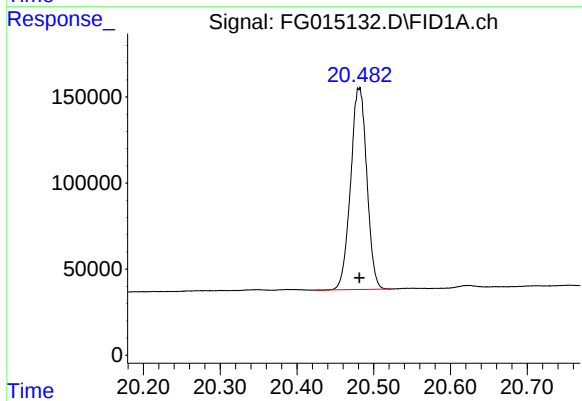
#18 n-Dotriacontane (C32)

R.T.: 18.955 min
Delta R.T.: 0.000 min
Response: 2323851
Conc: 18.43 ug/ml



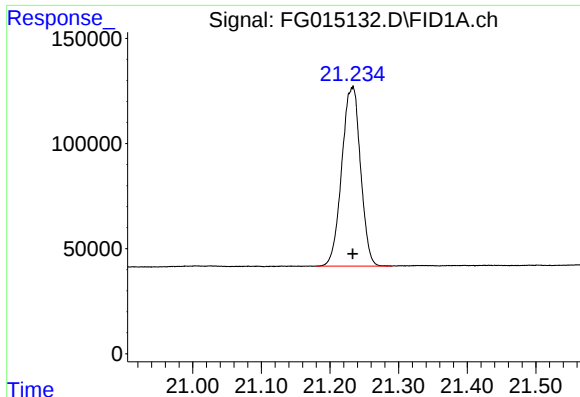
#19 n-Tetratriacontane (C34)

R.T.: 19.740 min
Delta R.T.: 0.000 min
Response: 2005337
Conc: 18.42 ug/ml



#20 n-Hexatriacontane (C36)

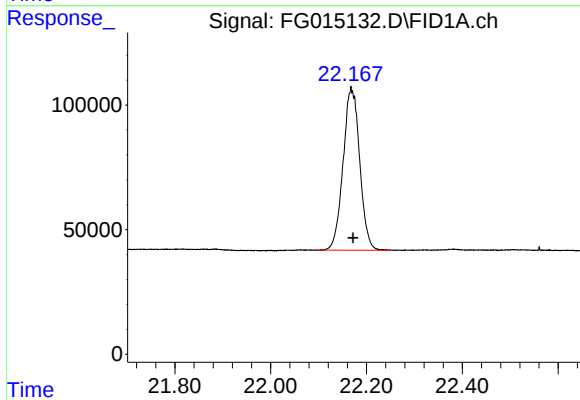
R.T.: 20.481 min
Delta R.T.: 0.000 min
Response: 1719126
Conc: 18.41 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.233 min
Delta R.T.: 0.000 min
Response: 1616042
Conc: 18.42 ug/ml

Instrument :
FID_G
ClientSampleId :
20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 22.168 min
Delta R.T.: -0.004 min
Response: 1573993
Conc: 18.57 ug/ml