

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG041725AL\
 Data File : FG015698.D
 Signal(s) : FID1A.ch
 Acq On : 17 Apr 2025 21:48
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: Apr 18 01:27:47 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)	11.901	2928801	20.202 ug/ml
Spiked Amount 50.000		Recovery =	40.40%
12) S 1-chlorooctadecane (S...	13.346	2184100	20.653 ug/ml
Spiked Amount 50.000		Recovery =	41.31%
Target Compounds			
1) T n-Nonane (C9)	3.249	2247687	20.113 ug/ml
2) T n-Decane (C10)	4.508	2262936	20.181 ug/ml
3) T A~Naphthalene (C11.7)	6.220	2379096	20.506 ug/ml
4) T n-Dodecane (C12)	6.688	2316622	20.261 ug/ml
5) T A~2-methylnaphthalene...	7.322	2299143	20.652 ug/ml
6) T n-Tetradecane (C14)	8.524	2315736	20.321 ug/ml
7) T n-Hexadecane (C16)	10.137	2377468	20.332 ug/ml
8) T n-Octadecane (C18)	11.586	2428412	20.301 ug/ml
10) T n-Eicosane (C20)	12.900	2423817	20.369 ug/ml
11) T n-Heneicosane (C21)	13.514	2401744	20.305 ug/ml
13) T n-Docosane (C22)	14.102	2398648	20.569 ug/ml
14) T n-Tetracosane (C24)	15.209	2413914	20.945 ug/ml
15) T n-Hexacosane (C26)	16.232	2359189	21.126 ug/ml
16) T n-Octacosane (C28)	17.185	2320363	21.321 ug/ml
17) T n-Tricontane (C30)	18.074	2319200	21.292 ug/ml
18) T n-Dotriacontane (C32)	18.907	2284323	21.233 ug/ml
19) T n-Tetratriacontane (C34)	19.693	2119540	20.802 ug/ml
20) T n-Hexatriacontane (C36)	20.434	2012484	20.573 ug/ml
21) T n-Octatriacontane (C38)	21.175	1873792	20.529 ug/ml
22) T n-Tetracontane (C40)	22.096	1726285	20.441 ug/ml

(f)=RT Delta > 1/2 Window

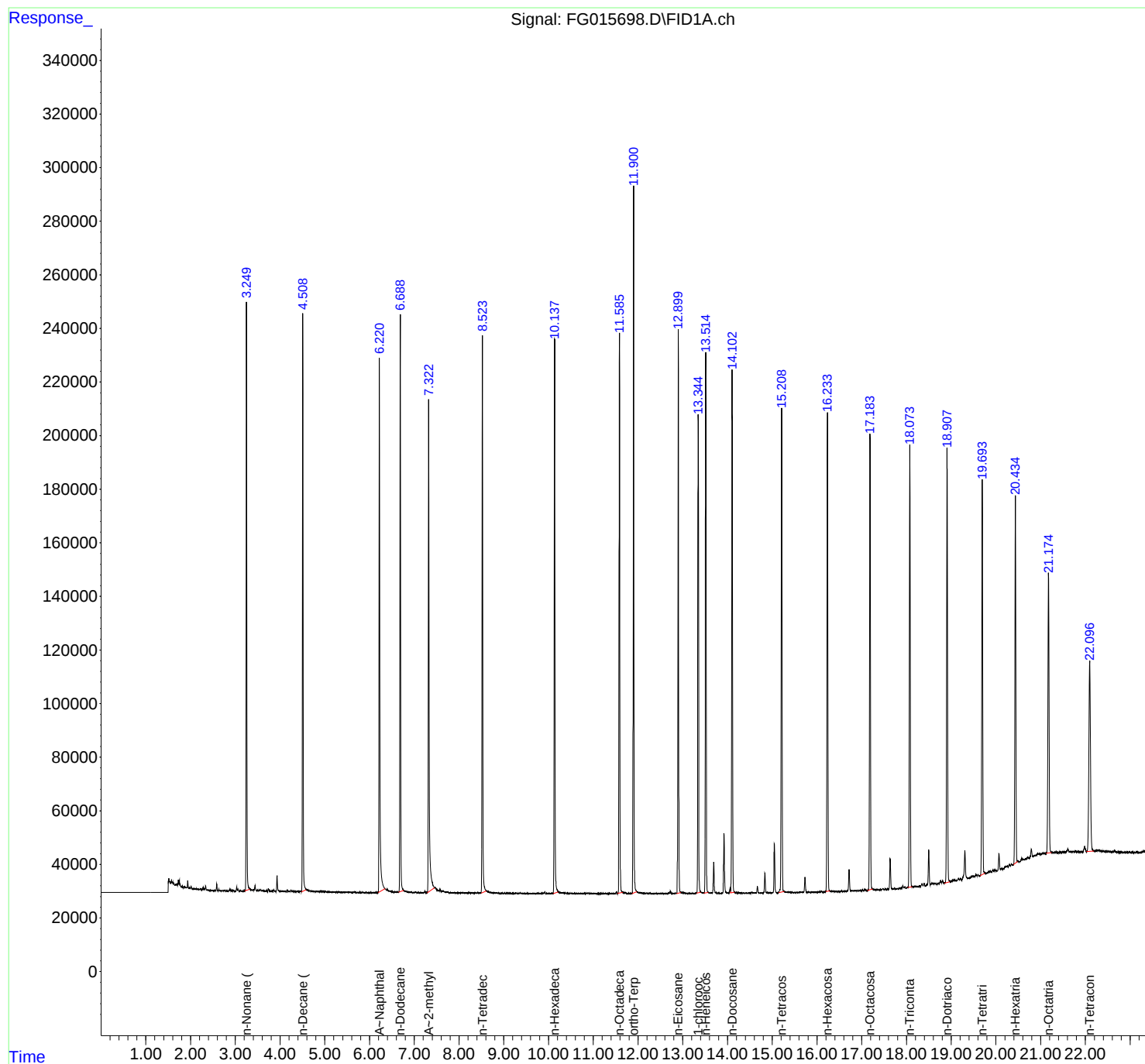
(m)=manual int.

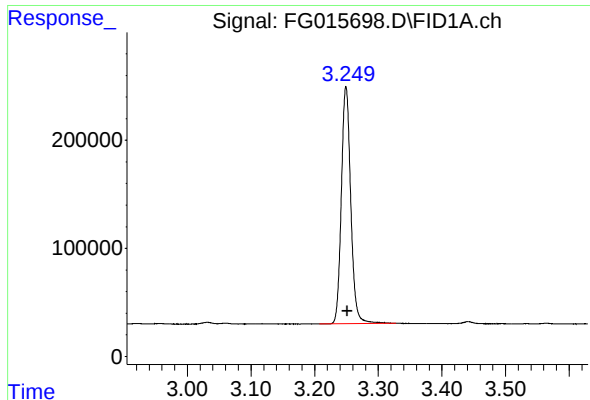
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG041725AL\
Data File : FG015698.D
Signal(s) : FID1A.ch
Acq On : 17 Apr 2025 21:48
Operator : YP\AJ
Sample : 20 PPM ALIPHATIC HC STD
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
FID_G
ClientSampleId :
20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
Quant Time: Apr 18 01:27:47 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

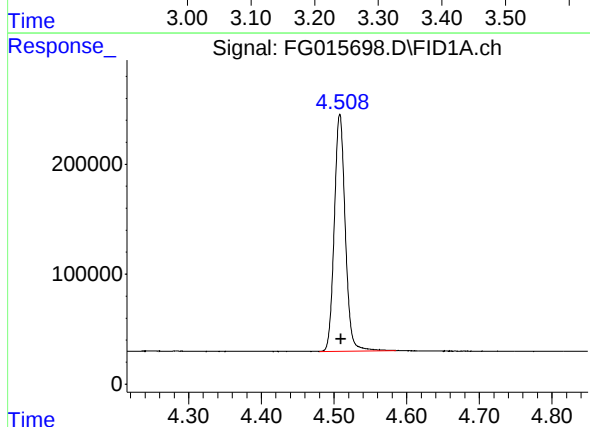




#1 n-Nonane (C9)

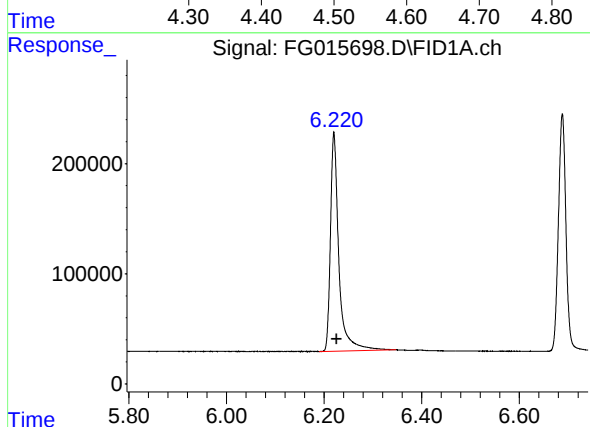
R.T.: 3.249 min
Delta R.T.: -0.002 min
Response: 2247687
Conc: 20.11 ug/ml

Instrument :
FID_G
ClientSampleId :
20 PPM ALIPHATIC HC STD



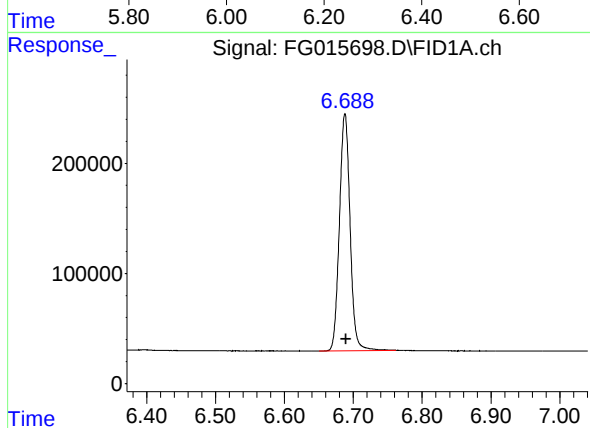
#2 n-Decane (C10)

R.T.: 4.508 min
Delta R.T.: -0.002 min
Response: 2262936
Conc: 20.18 ug/ml



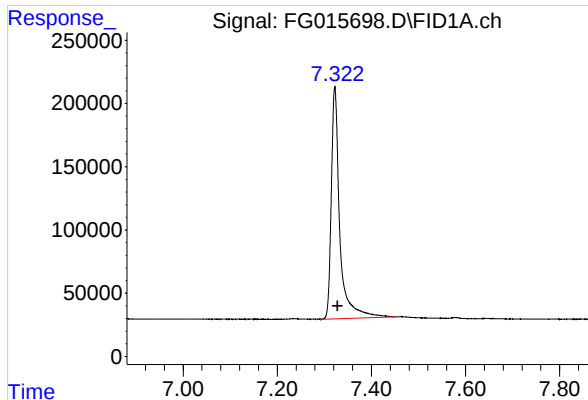
#3 A~Naphthalene (C11.7)

R.T.: 6.220 min
Delta R.T.: -0.005 min
Response: 2379096
Conc: 20.51 ug/ml



#4 n-Dodecane (C12)

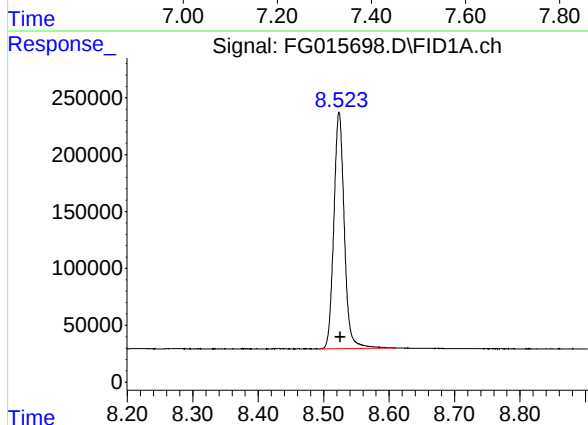
R.T.: 6.688 min
Delta R.T.: -0.001 min
Response: 2316622
Conc: 20.26 ug/ml



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

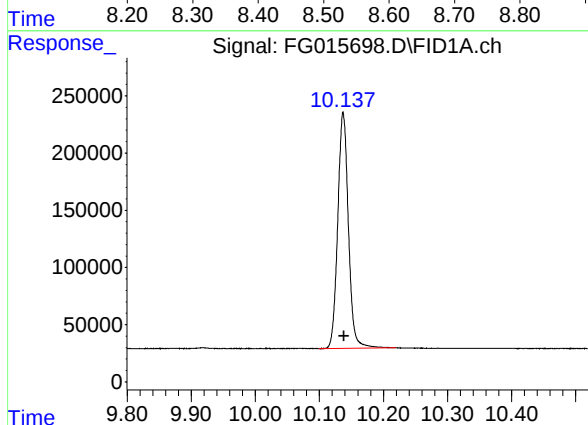
R.T.: 7.322 min
Delta R.T.: -0.006 min
Response: 2299143
Conc: 20.65 ug/ml

Instrument :
FID_G
ClientSampleId :
20 PPM ALIPHATIC HC STD



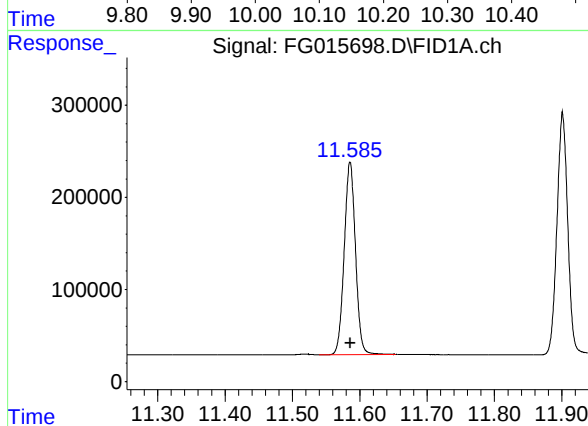
#6 n-Tetradecane (C14)

R.T.: 8.524 min
Delta R.T.: -0.002 min
Response: 2315736
Conc: 20.32 ug/ml



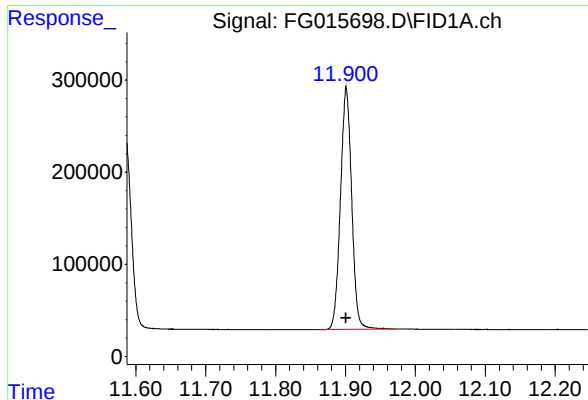
#7 n-Hexadecane (C16)

R.T.: 10.137 min
Delta R.T.: -0.001 min
Response: 2377468
Conc: 20.33 ug/ml



#8 n-Octadecane (C18)

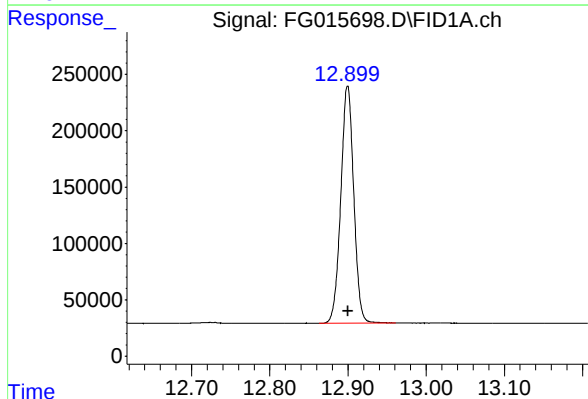
R.T.: 11.586 min
Delta R.T.: 0.000 min
Response: 2428412
Conc: 20.30 ug/ml



#9 ortho-Terphenyl (SURR)

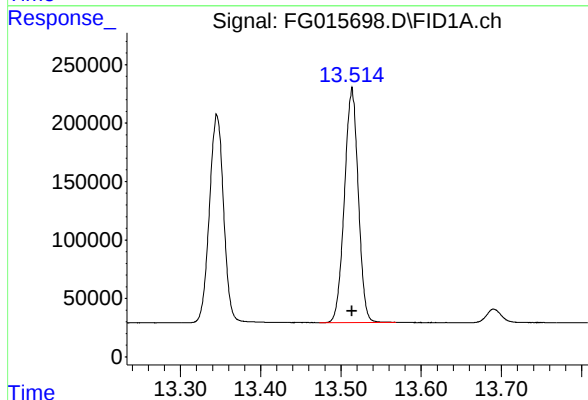
R.T.: 11.901 min
Delta R.T.: 0.000 min
Response: 2928801
Conc: 20.20 ug/ml

Instrument :
FID_G
ClientSampleId :
20 PPM ALIPHATIC HC STD



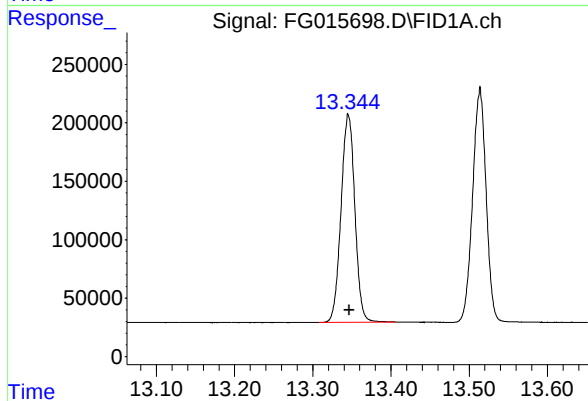
#10 n-Eicosane (C20)

R.T.: 12.900 min
Delta R.T.: 0.000 min
Response: 2423817
Conc: 20.37 ug/ml



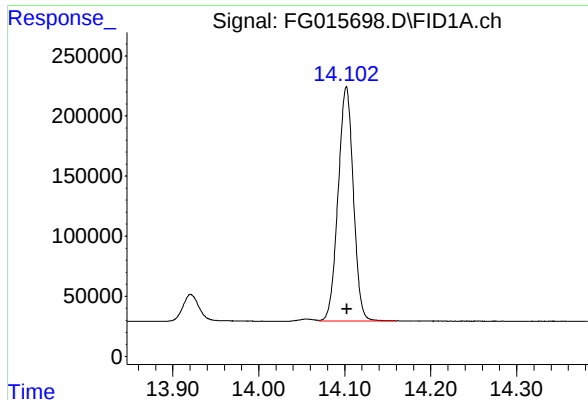
#11 n-Heneicosane (C21)

R.T.: 13.514 min
Delta R.T.: 0.000 min
Response: 2401744
Conc: 20.31 ug/ml



#12 1-chlorooctadecane (SURR)

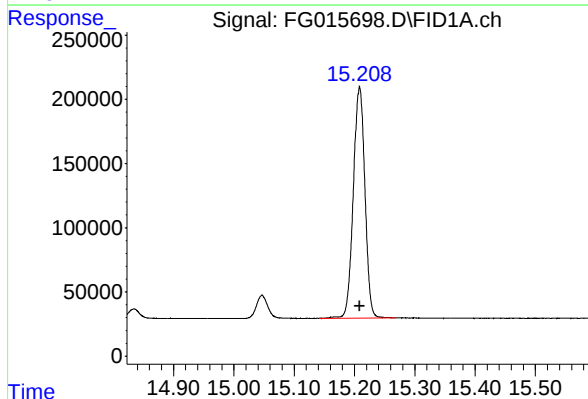
R.T.: 13.346 min
Delta R.T.: -0.001 min
Response: 2184100
Conc: 20.65 ug/ml



#13 n-Docosane (C22)

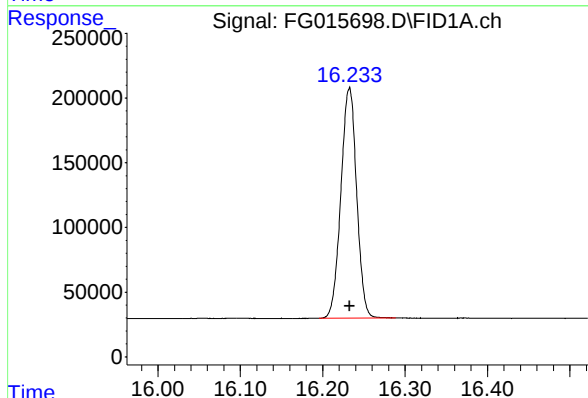
R.T.: 14.102 min
Delta R.T.: 0.000 min
Response: 2398648
Conc: 20.57 ug/ml

Instrument :
FID_G
ClientSampleId :
20 PPM ALIPHATIC HC STD



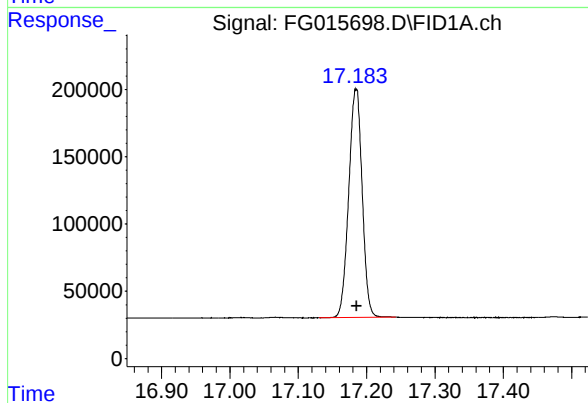
#14 n-Tetracosane (C24)

R.T.: 15.209 min
Delta R.T.: 0.000 min
Response: 2413914
Conc: 20.95 ug/ml



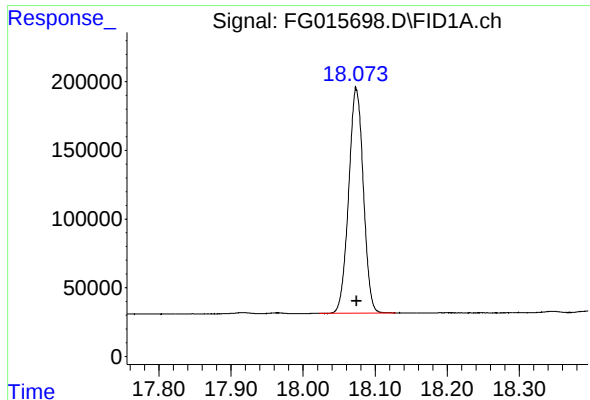
#15 n-Hexacosane (C26)

R.T.: 16.232 min
Delta R.T.: 0.000 min
Response: 2359189
Conc: 21.13 ug/ml



#16 n-Octacosane (C28)

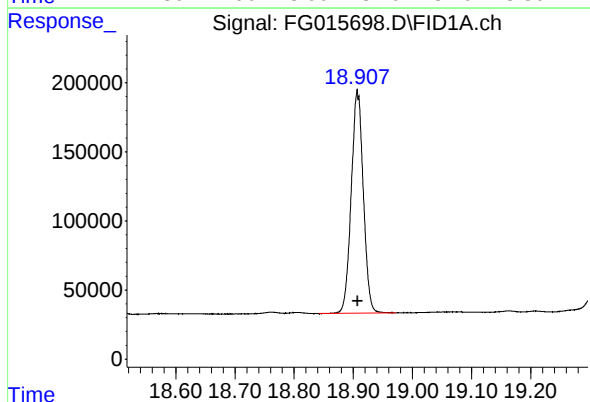
R.T.: 17.185 min
Delta R.T.: 0.000 min
Response: 2320363
Conc: 21.32 ug/ml



#17 n-Tricontane (C30)

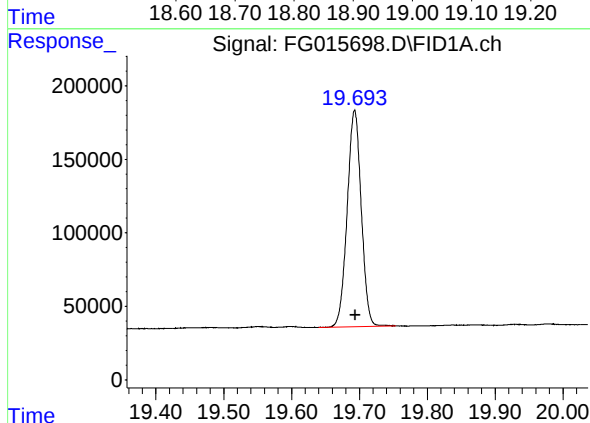
R.T.: 18.074 min
Delta R.T.: 0.000 min
Response: 2319200
Conc: 21.29 ug/ml

Instrument :
FID_G
ClientSampleId :
20 PPM ALIPHATIC HC STD



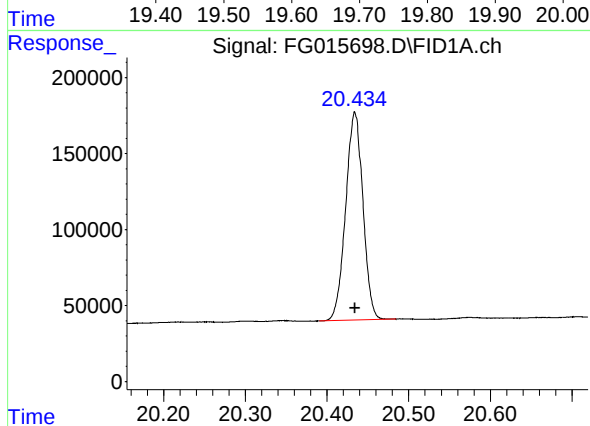
#18 n-Dotriacontane (C32)

R.T.: 18.907 min
Delta R.T.: 0.000 min
Response: 2284323
Conc: 21.23 ug/ml



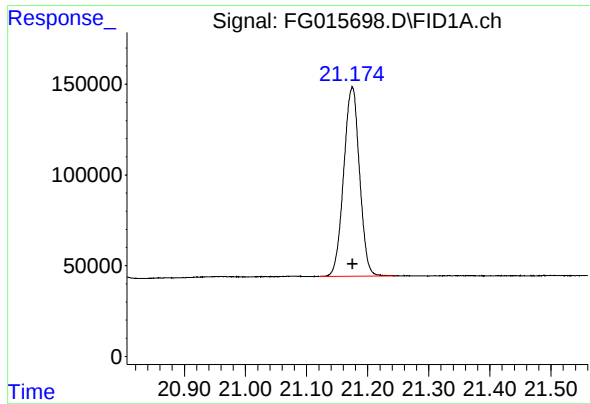
#19 n-Tetratriacontane (C34)

R.T.: 19.693 min
Delta R.T.: 0.000 min
Response: 2119540
Conc: 20.80 ug/ml



#20 n-Hexatriacontane (C36)

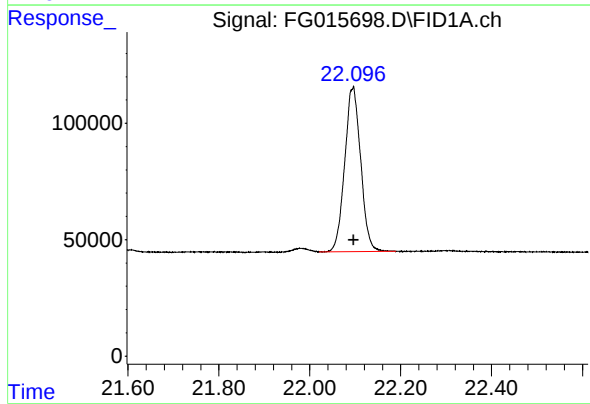
R.T.: 20.434 min
Delta R.T.: 0.000 min
Response: 2012484
Conc: 20.57 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.175 min
Delta R.T.: 0.000 min
Response: 1873792
Conc: 20.53 ug/ml

Instrument :
FID_G
ClientSampleId :
20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 22.096 min
Delta R.T.: 0.000 min
Response: 1726285
Conc: 20.44 ug/ml