

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF102925AL\
 Data File : FF016626.D
 Signal(s) : FID2B.ch
 Acq On : 30 Oct 2025 00:30
 Operator : YP\AJ
 Sample : 5 PPM ALIPHATIC HC STD5
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 5 PPM ALIPHATIC HC STD5

Integration File: autoint1.e
 Quant Time: Oct 30 03:12:37 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aliphatic EPH 102925.M
 Quant Title : GC Extractables
 QLast Update : Thu Oct 30 03:08:34 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)	11.956	804620	5.644 ug/ml
Spiked Amount 50.000		Recovery =	11.29%
12) S 1-chlorooctadecane (S...	13.398	619831	5.621 ug/ml
Spiked Amount 50.000		Recovery =	11.24%
Target Compounds			
1) T n-Nonane (C9)	3.314	641805	5.543 ug/ml
2) T n-Decane (C10)	4.574	652688	5.519 ug/ml
3) T A~Naphthalene (C11.7)	6.286	649848	5.181 ug/ml
4) T n-Dodecane (C12)	6.751	649413	5.437 ug/ml
5) T A~2-methylnaphthalene...	7.386	581166	4.846 ug/ml
6) T n-Tetradecane (C14)	8.584	635299	5.405 ug/ml
7) T n-Hexadecane (C16)	10.193	662729	5.373 ug/ml
8) T n-Octadecane (C18)	11.639	709078	5.573 ug/ml
10) T n-Eicosane (C20)	12.952	723384	5.744 ug/ml
11) T n-Heneicosane (C21)	13.565	713119	5.697 ug/ml
13) T n-Docosane (C22)	14.153	753139	5.987 ug/ml
14) T n-Tetracosane (C24)	15.260	848567	6.657 ug/ml
15) T n-Hexacosane (C26)	16.284	859935	6.828 ug/ml
16) T n-Octacosane (C28)	17.237	892393	7.207 ug/ml
17) T n-Tricontane (C30)	18.128	941142	7.495 ug/ml
18) T n-Dotriacontane (C32)	18.965	940983	7.806 ug/ml
19) T n-Tetratriacontane (C34)	19.751	791494	7.406 ug/ml
20) T n-Hexatriacontane (C36)	20.496	613000	6.707 ug/ml
21) T n-Octatriacontane (C38)	21.253	526415	6.414 ug/ml
22) T n-Tetracontane (C40)	22.197	491978	6.180 ug/ml

(f)=RT Delta > 1/2 Window

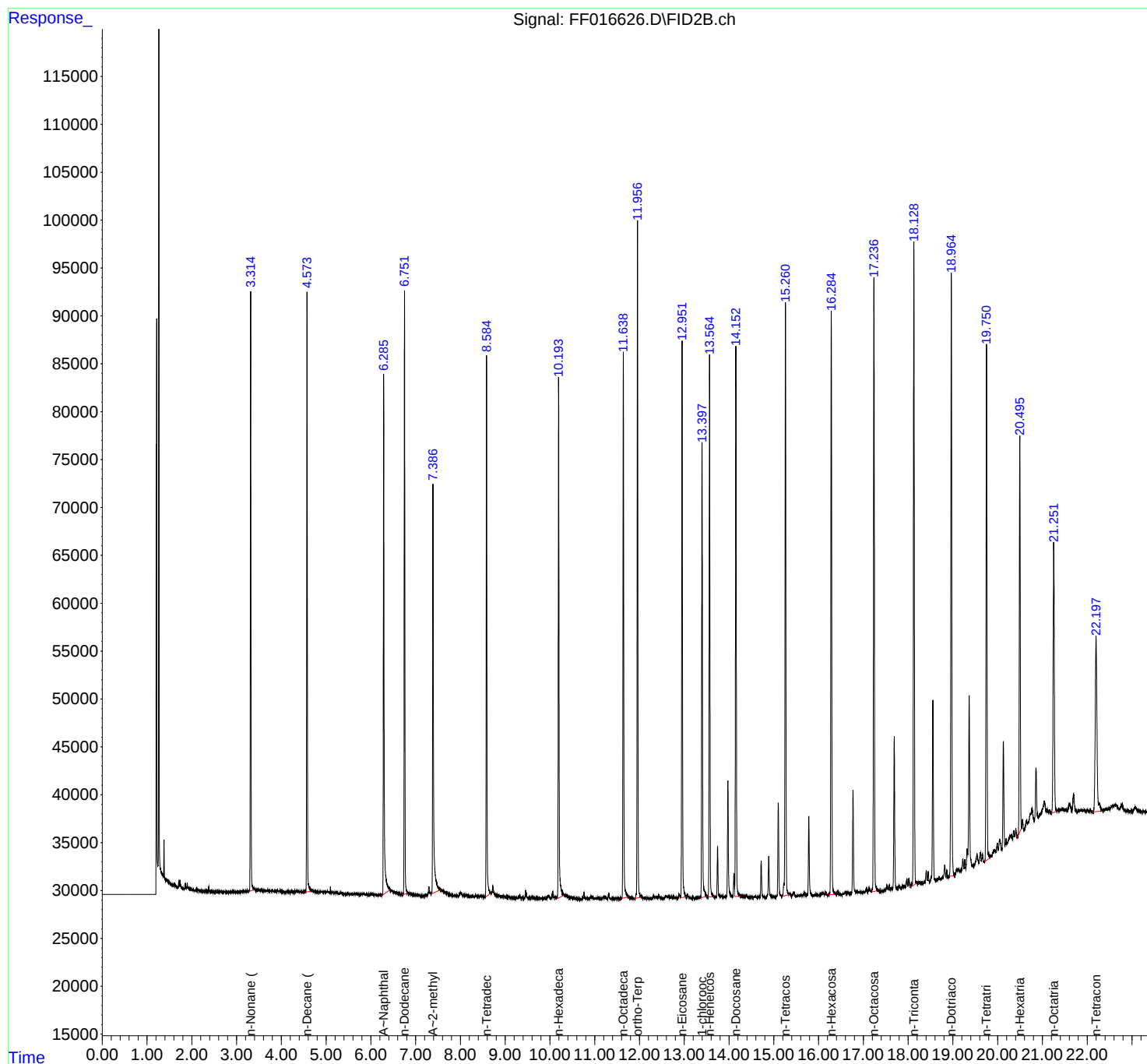
(m)=manual int.

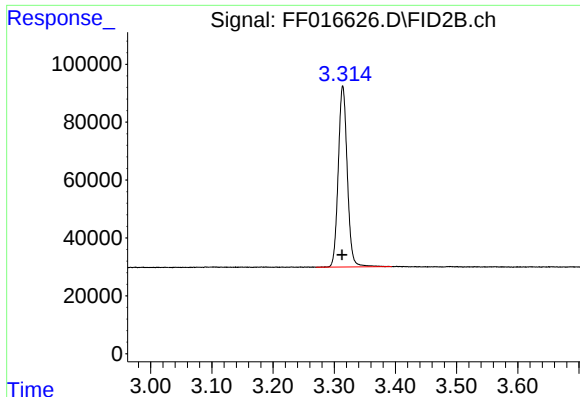
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF102925AL\
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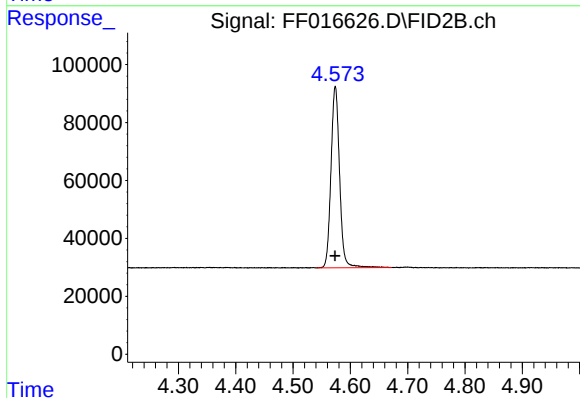




#1 n-Nonane (C9)

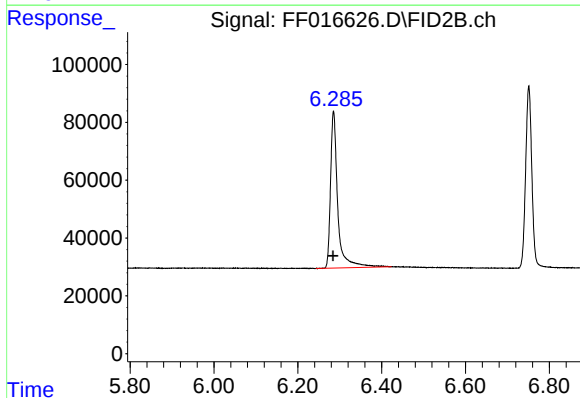
R.T.: 3.314 min
Delta R.T.: 0.001 min
Response: 641805
Conc: 5.54 ug/ml

Instrument :
FID_F
ClientSampleId :
5 PPM ALIPHATIC HC STD5



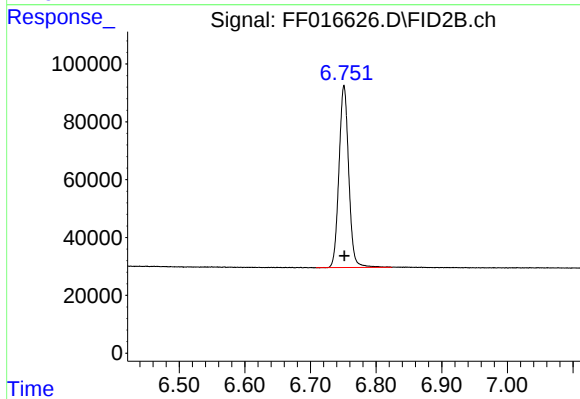
#2 n-Decane (C10)

R.T.: 4.574 min
Delta R.T.: 0.000 min
Response: 652688
Conc: 5.52 ug/ml



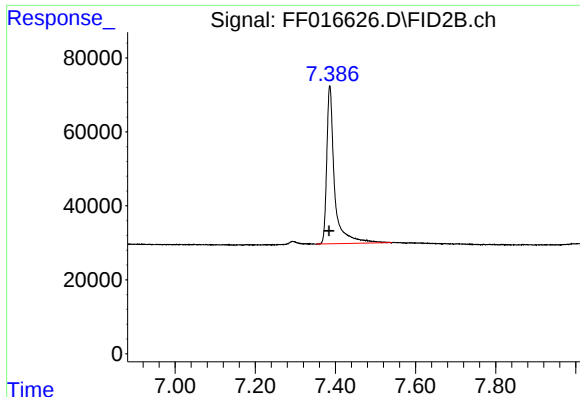
#3 A~Naphthalene (C11.7)

R.T.: 6.286 min
Delta R.T.: 0.001 min
Response: 649848
Conc: 5.18 ug/ml



#4 n-Dodecane (C12)

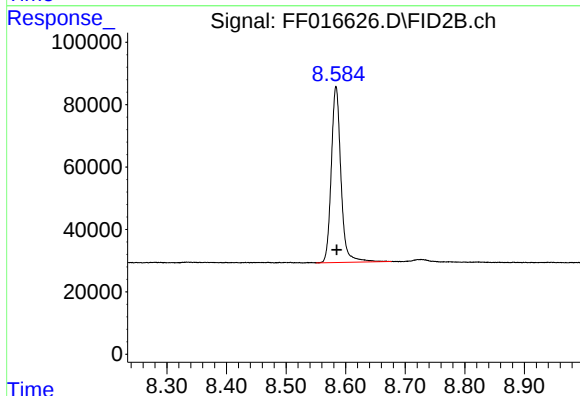
R.T.: 6.751 min
Delta R.T.: 0.000 min
Response: 649413
Conc: 5.44 ug/ml



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

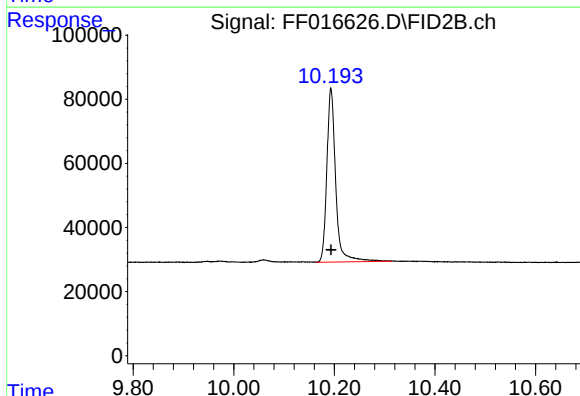
R.T.: 7.386 min
Delta R.T.: 0.002 min
Response: 581166
Conc: 4.85 ug/ml

Instrument :
FID_F
ClientSampleId :
5 PPM ALIPHATIC HC STD5



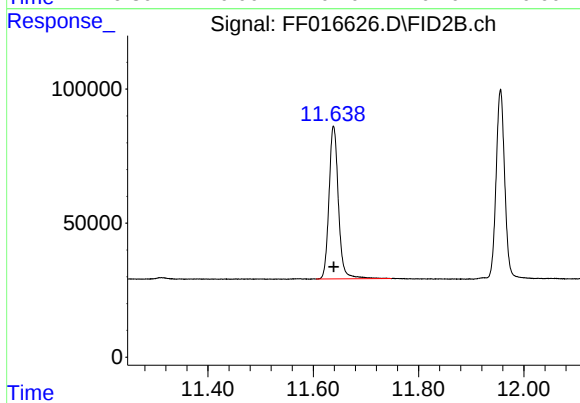
#6 n-Tetradecane (C14)

R.T.: 8.584 min
Delta R.T.: 0.000 min
Response: 635299
Conc: 5.41 ug/ml



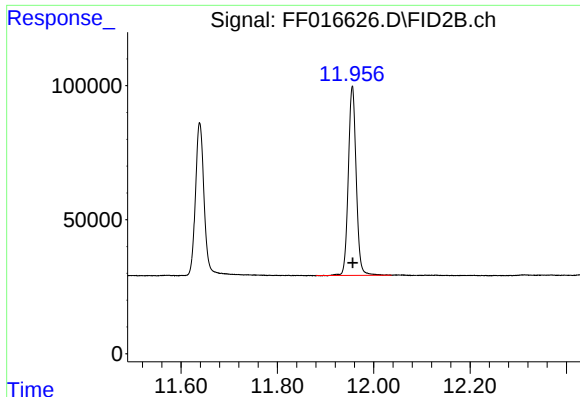
#7 n-Hexadecane (C16)

R.T.: 10.193 min
Delta R.T.: 0.000 min
Response: 662729
Conc: 5.37 ug/ml



#8 n-Octadecane (C18)

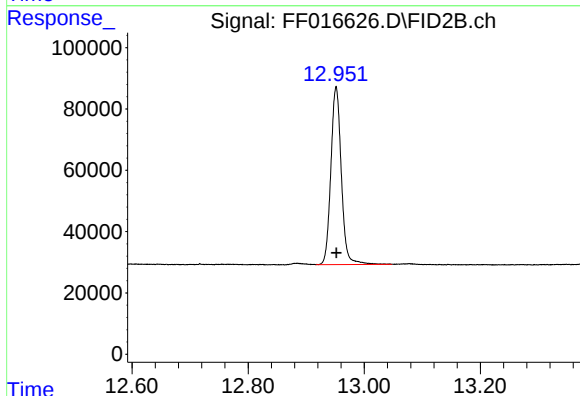
R.T.: 11.639 min
Delta R.T.: 0.000 min
Response: 709078
Conc: 5.57 ug/ml



#9 ortho-Terphenyl (SURR)

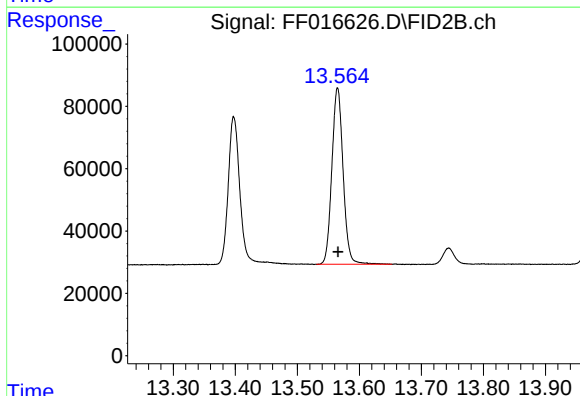
R.T.: 11.956 min
Delta R.T.: 0.000 min
Response: 804620
Conc: 5.64 ug/ml

Instrument :
FID_F
ClientSampleId :
5 PPM ALIPHATIC HC STD5



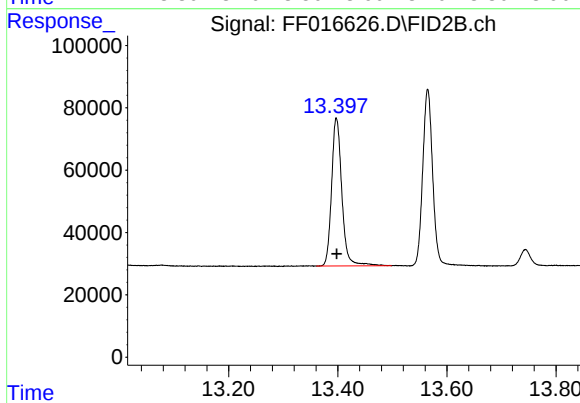
#10 n-Eicosane (C20)

R.T.: 12.952 min
Delta R.T.: 0.000 min
Response: 723384
Conc: 5.74 ug/ml



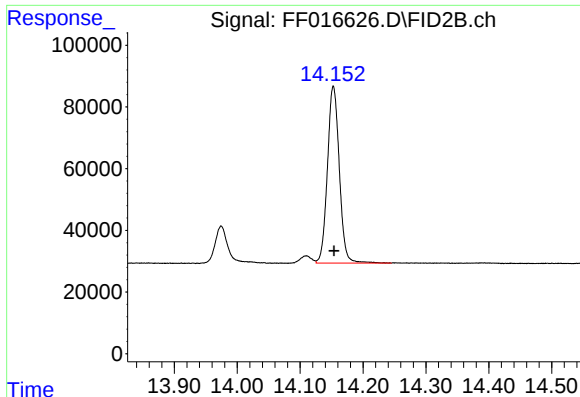
#11 n-Heneicosane (C21)

R.T.: 13.565 min
Delta R.T.: 0.000 min
Response: 713119
Conc: 5.70 ug/ml



#12 1-chlorooctadecane (SURR)

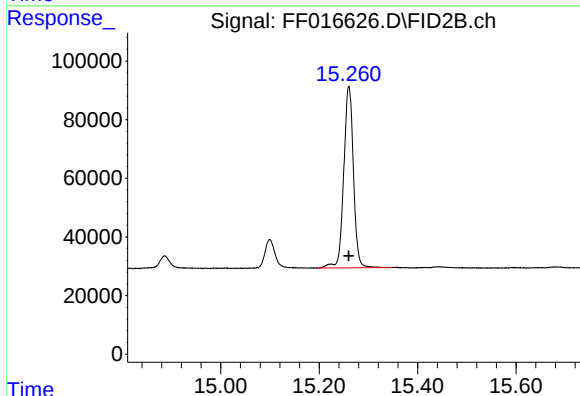
R.T.: 13.398 min
Delta R.T.: 0.000 min
Response: 619831
Conc: 5.62 ug/ml



#13 n-Docosane (C22)

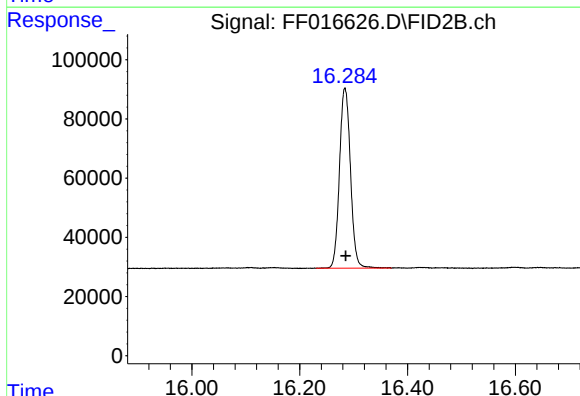
R.T.: 14.153 min
Delta R.T.: 0.000 min
Response: 753139
Conc: 5.99 ug/ml

Instrument :
FID_F
ClientSampleId :
5 PPM ALIPHATIC HC STD5



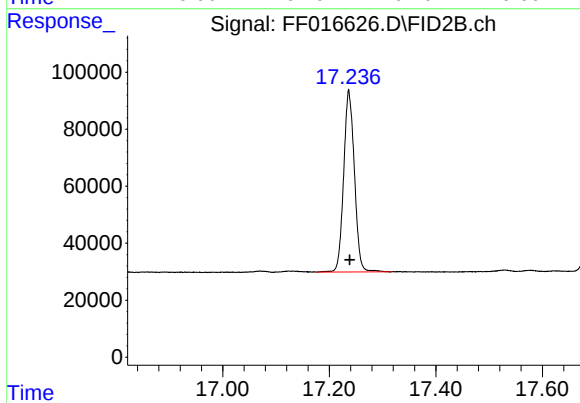
#14 n-Tetracosane (C24)

R.T.: 15.260 min
Delta R.T.: 0.000 min
Response: 848567
Conc: 6.66 ug/ml



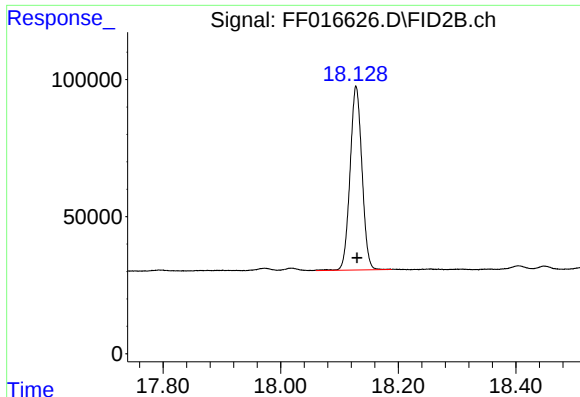
#15 n-Hexacosane (C26)

R.T.: 16.284 min
Delta R.T.: -0.001 min
Response: 859935
Conc: 6.83 ug/ml



#16 n-Octacosane (C28)

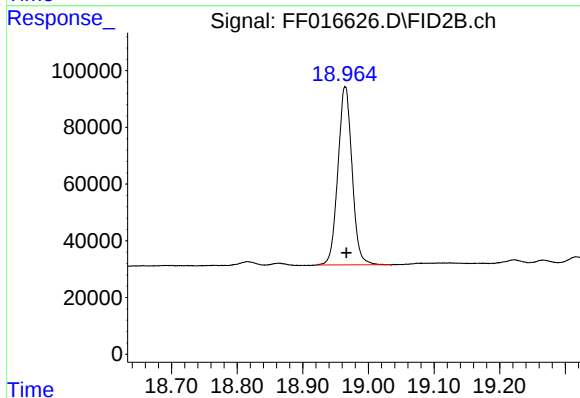
R.T.: 17.237 min
Delta R.T.: -0.002 min
Response: 892393
Conc: 7.21 ug/ml



#17 n-Tricontane (C30)

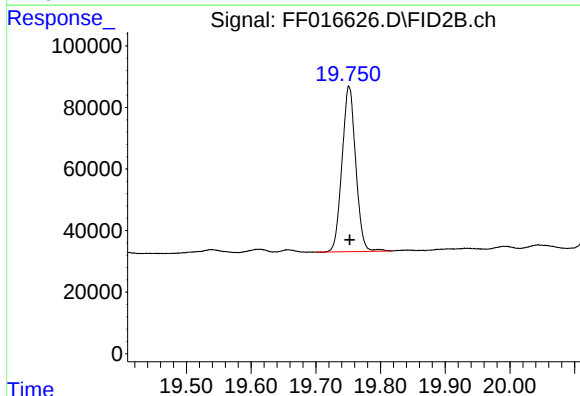
R.T.: 18.128 min
Delta R.T.: -0.001 min
Response: 941142
Conc: 7.49 ug/ml

Instrument :
FID_F
ClientSampleId :
5 PPM ALIPHATIC HC STD5



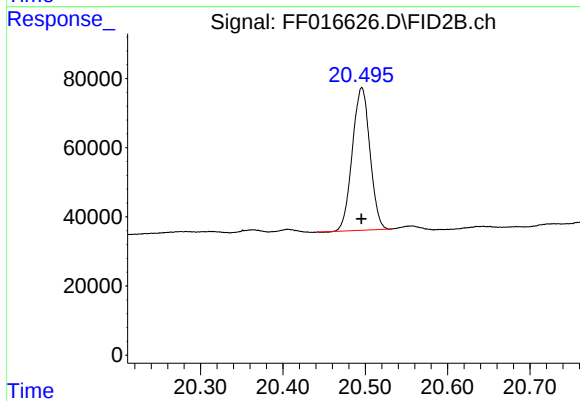
#18 n-Dotriacontane (C32)

R.T.: 18.965 min
Delta R.T.: -0.002 min
Response: 940983
Conc: 7.81 ug/ml



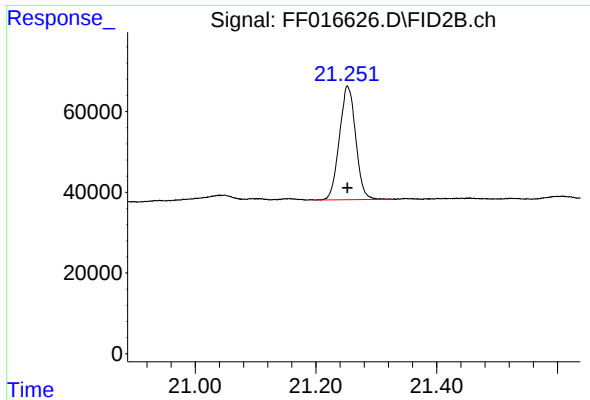
#19 n-Tetratriacontane (C34)

R.T.: 19.751 min
Delta R.T.: -0.001 min
Response: 791494
Conc: 7.41 ug/ml



#20 n-Hexatriacontane (C36)

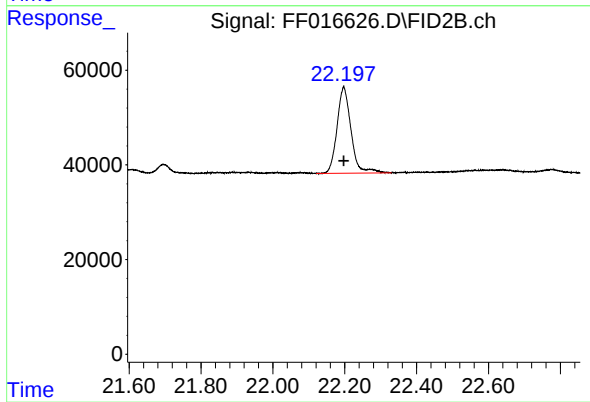
R.T.: 20.496 min
Delta R.T.: 0.000 min
Response: 613000
Conc: 6.71 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.253 min
Delta R.T.: 0.000 min
Response: 526415
Conc: 6.41 ug/ml

Instrument :
FID_F
ClientSampleId :
5 PPM ALIPHATIC HC STD5



#22 n-Tetracontane (C40)

R.T.: 22.197 min
Delta R.T.: 0.000 min
Response: 491978
Conc: 6.18 ug/ml