

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF061325AL\
 Data File : FF015983.D
 Signal(s) : FID2B.ch
 Acq On : 13 Jun 2025 23:52
 Operator : YP\AJ
 Sample : 50 PPM ALIPHATIC HC STD2
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 50 PPM ALIPHATIC HC STD2

Integration File: autoint1.e
 Quant Time: Jun 16 03:09:09 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aliphatic EPH 061325.M
 Quant Title : GC Extractables
 QLast Update : Mon Jun 16 03:08:01 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)	12.004	6874715	45.293 ug/ml
Spiked Amount 50.000		Recovery =	90.59%
12) S 1-chlorooctadecane (S...	13.439	5385795	45.539 ug/ml
Spiked Amount 50.000		Recovery =	91.08%
Target Compounds			
1) T n-Nonane (C9)	3.369	5597890	45.185 ug/ml
2) T n-Decane (C10)	4.627	5716746	45.215 ug/ml
3) T A~Naphthalene (C11.7)	6.334	6277309	45.185 ug/ml
4) T n-Dodecane (C12)	6.800	5790270	45.331 ug/ml
5) T A~2-methylnaphthalene...	7.433	6130238	45.330 ug/ml
6) T n-Tetradecane (C14)	8.631	5800608	45.337 ug/ml
7) T n-Hexadecane (C16)	10.239	6059170	45.424 ug/ml
8) T n-Octadecane (C18)	11.684	6233835	45.425 ug/ml
10) T n-Eicosane (C20)	12.994	6134987	45.408 ug/ml
11) T n-Heneicosane (C21)	13.607	6099052	45.437 ug/ml
13) T n-Docosane (C22)	14.194	6136711	45.384 ug/ml
14) T n-Tetracosane (C24)	15.298	6221038	45.241 ug/ml
15) T n-Hexacosane (C26)	16.320	6145747	45.242 ug/ml
16) T n-Octacosane (C28)	17.271	5998380	44.964 ug/ml
17) T n-Tricontane (C30)	18.161	5953333	44.558 ug/ml
18) T n-Dotriacontane (C32)	18.994	5582085	44.366 ug/ml
19) T n-Tetratriacontane (C34)	19.779	5003084	44.441 ug/ml
20) T n-Hexatriacontane (C36)	20.519	4277535	44.685 ug/ml
21) T n-Octatriacontane (C38)	21.280	3857797	44.911 ug/ml
22) T n-Tetracontane (C40)	22.235	3590251	45.283 ug/ml

(f)=RT Delta > 1/2 Window

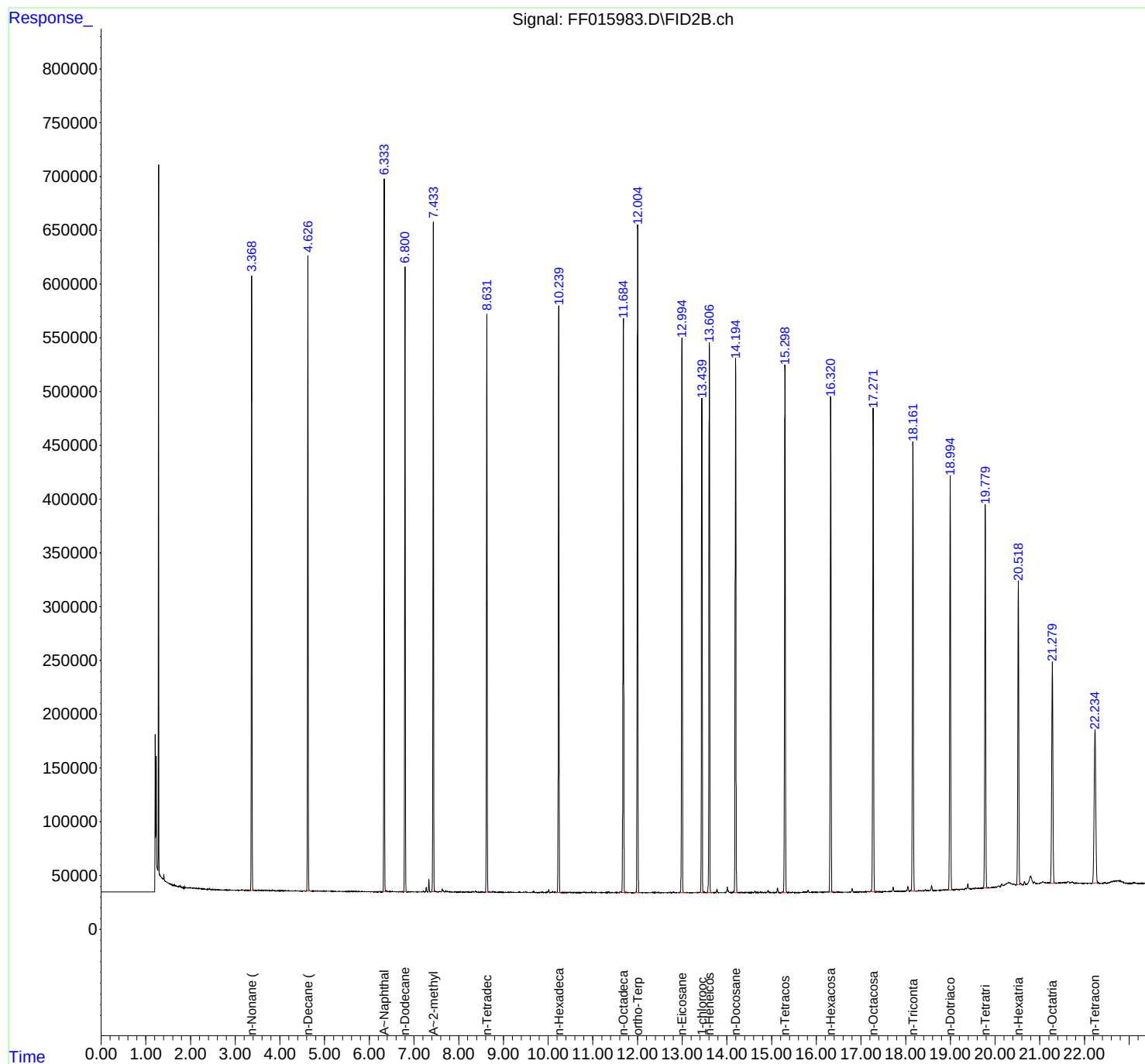
(m)=manual int.

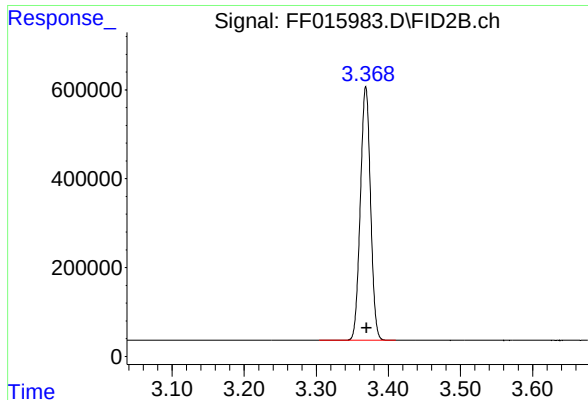
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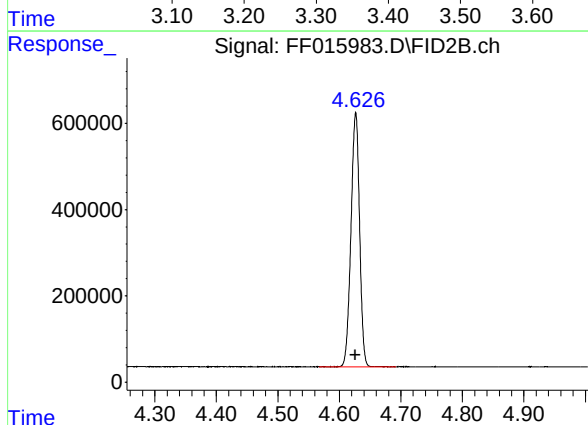




#1 n-Nonane (C9)

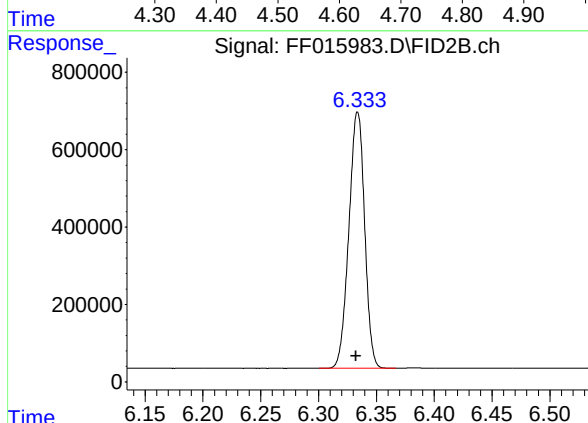
R.T.: 3.369 min
Delta R.T.: -0.001 min
Response: 5597890
Conc: 45.19 ug/ml

Instrument :
FID_F
ClientSampleId :
50 PPM ALIPHATIC HC STD2



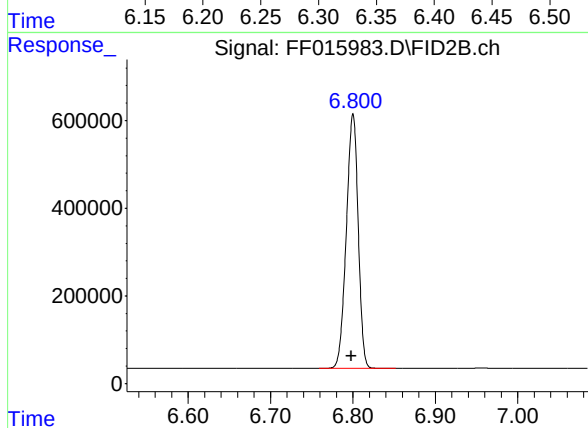
#2 n-Decane (C10)

R.T.: 4.627 min
Delta R.T.: 0.000 min
Response: 5716746
Conc: 45.22 ug/ml



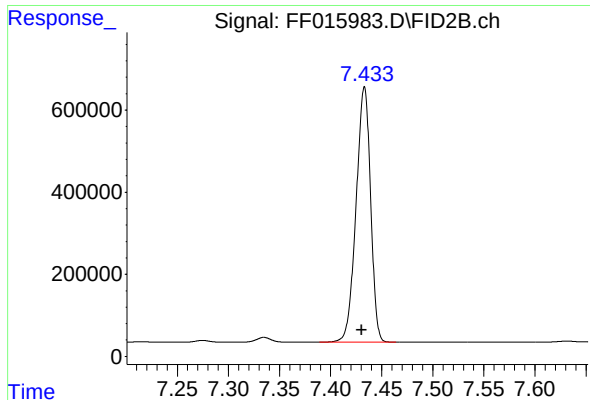
#3 A~Naphthalene (C11.7)

R.T.: 6.334 min
Delta R.T.: 0.001 min
Response: 6277309
Conc: 45.19 ug/ml



#4 n-Dodecane (C12)

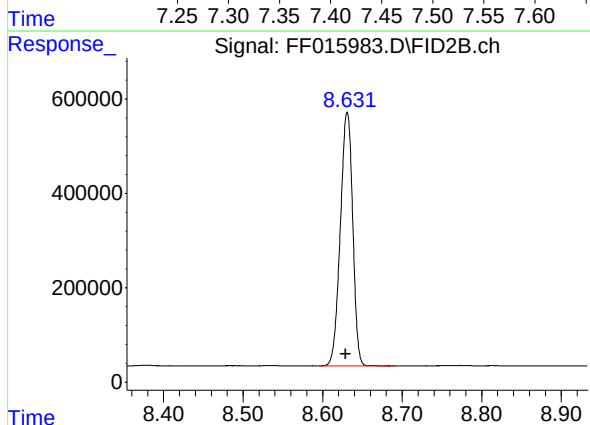
R.T.: 6.800 min
Delta R.T.: 0.002 min
Response: 5790270
Conc: 45.33 ug/ml



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

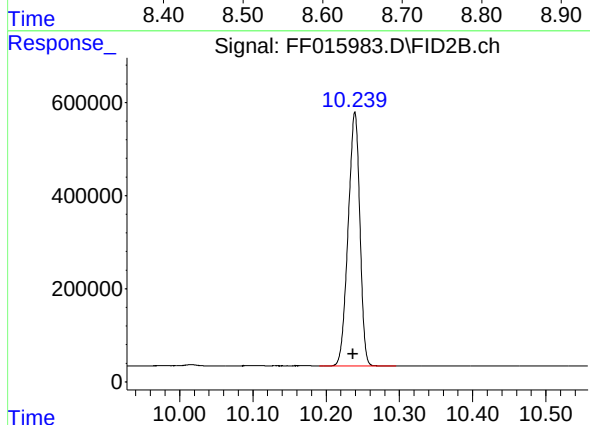
R.T.: 7.433 min
Delta R.T.: 0.003 min
Response: 6130238
Conc: 45.33 ug/ml

Instrument :
FID_F
ClientSampleId :
50 PPM ALIPHATIC HC STD2



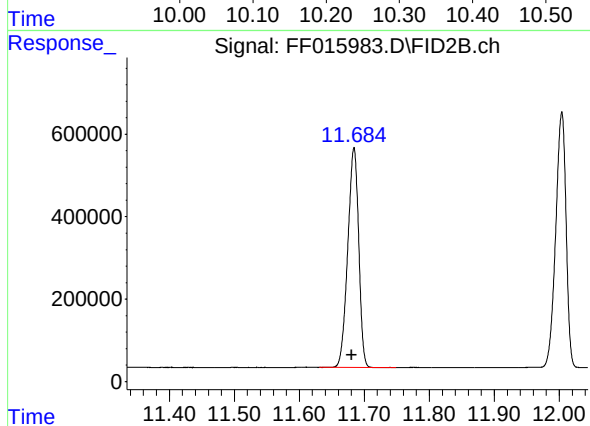
#6 n-Tetradecane (C14)

R.T.: 8.631 min
Delta R.T.: 0.002 min
Response: 5800608
Conc: 45.34 ug/ml



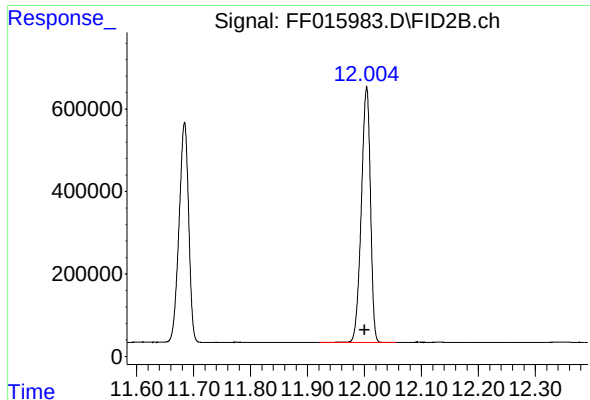
#7 n-Hexadecane (C16)

R.T.: 10.239 min
Delta R.T.: 0.003 min
Response: 6059170
Conc: 45.42 ug/ml



#8 n-Octadecane (C18)

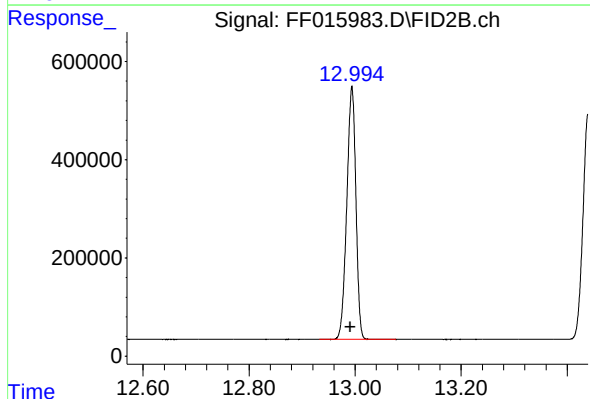
R.T.: 11.684 min
Delta R.T.: 0.003 min
Response: 6233835
Conc: 45.43 ug/ml



#9 ortho-Terphenyl (SURR)

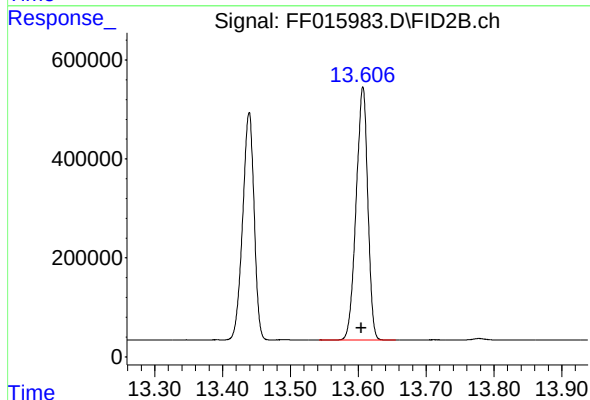
R.T.: 12.004 min
Delta R.T.: 0.003 min
Response: 6874715
Conc: 45.29 ug/ml

Instrument :
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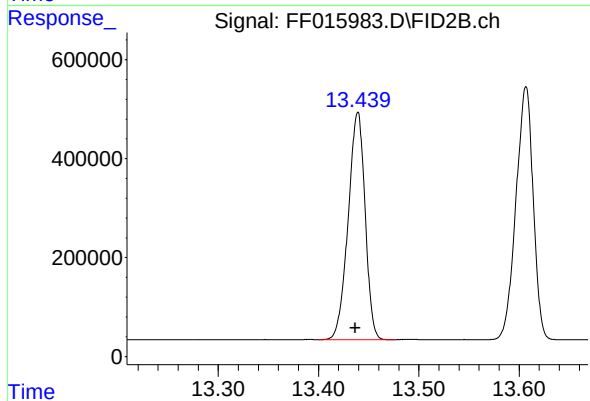
#10 n-Eicosane (C20)

R.T.: 12.994 min
Delta R.T.: 0.002 min
Response: 6134987
Conc: 45.41 ug/ml



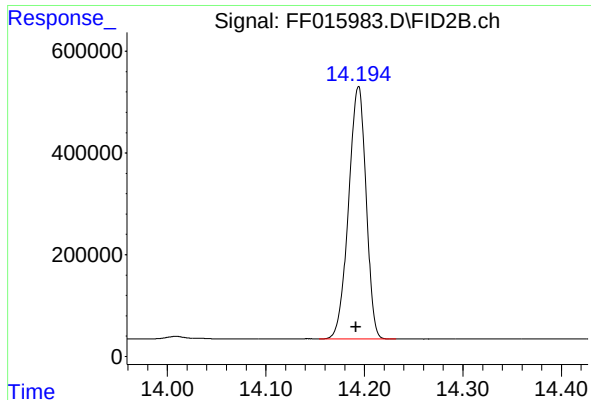
#11 n-Heneicosane (C21)

R.T.: 13.607 min
Delta R.T.: 0.002 min
Response: 6099052
Conc: 45.44 ug/ml



#12 1-chlorooctadecane (SURR)

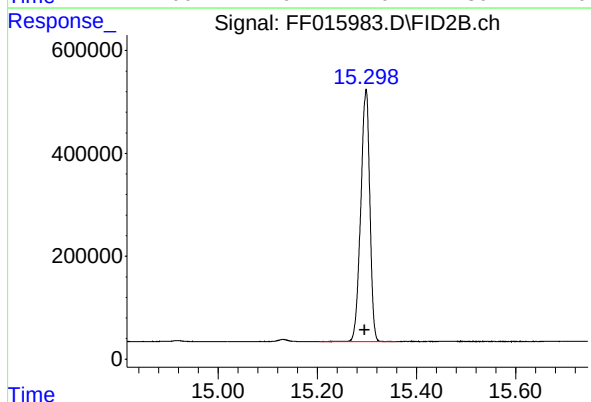
R.T.: 13.439 min
Delta R.T.: 0.002 min
Response: 5385795
Conc: 45.54 ug/ml



#13 n-Docosane (C22)

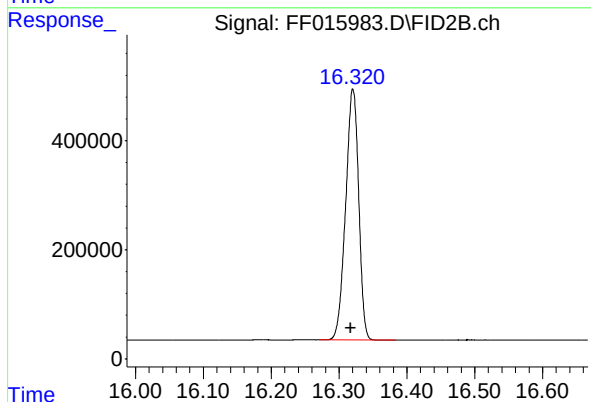
R.T.: 14.194 min
Delta R.T.: 0.003 min
Response: 6136711
Conc: 45.38 ug/ml

Instrument :
FID_F
ClientSampleId :
50 PPM ALIPHATIC HC STD2



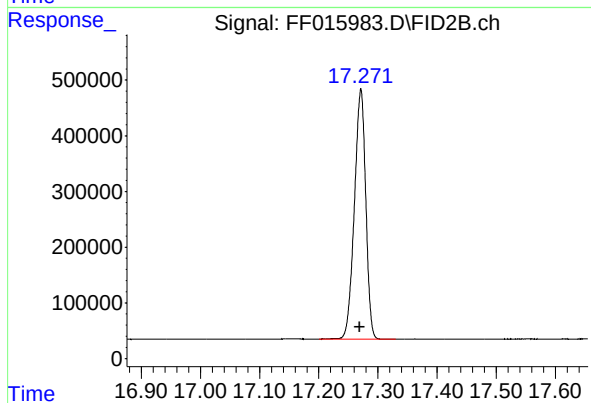
#14 n-Tetracosane (C24)

R.T.: 15.298 min
Delta R.T.: 0.003 min
Response: 6221038
Conc: 45.24 ug/ml



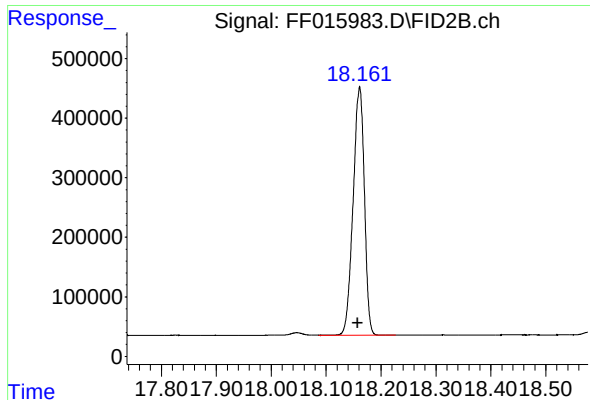
#15 n-Hexacosane (C26)

R.T.: 16.320 min
Delta R.T.: 0.003 min
Response: 6145747
Conc: 45.24 ug/ml



#16 n-Octacosane (C28)

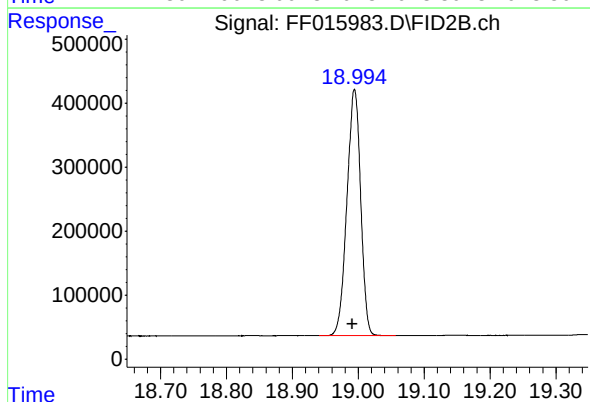
R.T.: 17.271 min
Delta R.T.: 0.002 min
Response: 5998380
Conc: 44.96 ug/ml



#17 n-Tricontane (C30)

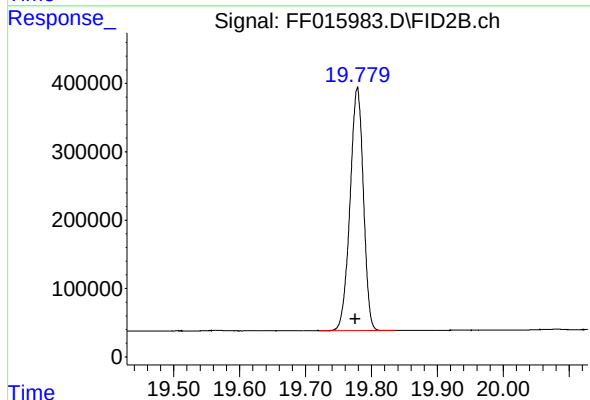
R.T.: 18.161 min
Delta R.T.: 0.003 min
Response: 5953333
Conc: 44.56 ug/ml

Instrument :
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50 PPM ALIPHATIC HC STD2



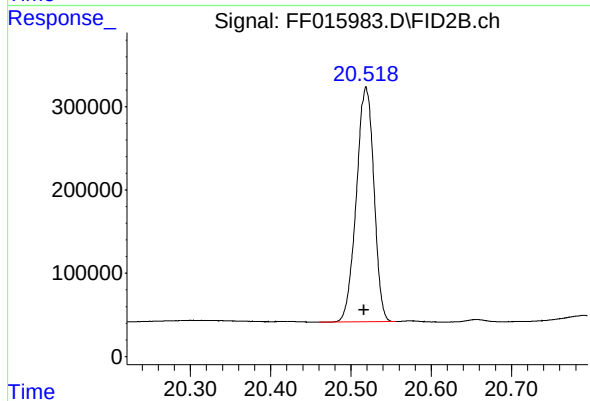
#18 n-Dotriacontane (C32)

R.T.: 18.994 min
Delta R.T.: 0.003 min
Response: 5582085
Conc: 44.37 ug/ml



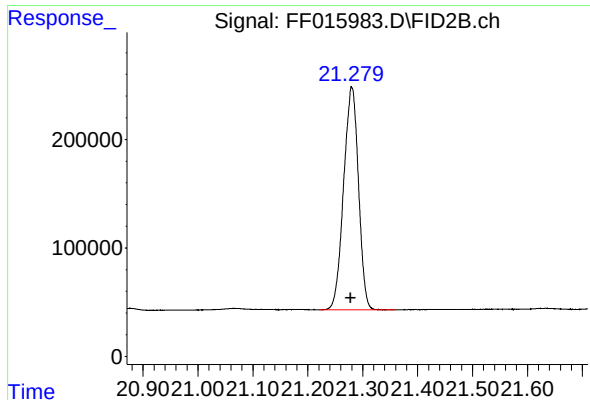
#19 n-Tetatriacontane (C34)

R.T.: 19.779 min
Delta R.T.: 0.003 min
Response: 5003084
Conc: 44.44 ug/ml



#20 n-Hexatriacontane (C36)

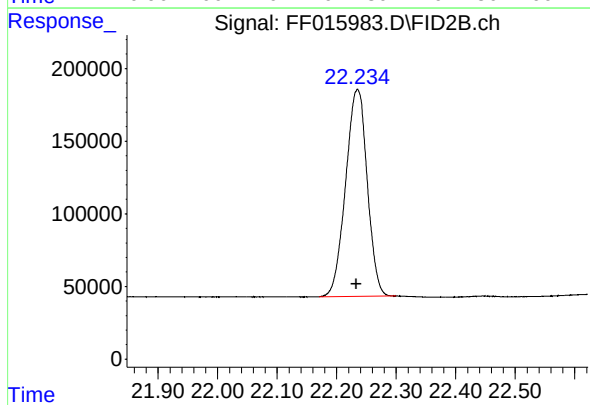
R.T.: 20.519 min
Delta R.T.: 0.003 min
Response: 4277535
Conc: 44.68 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.280 min
Delta R.T.: 0.002 min
Response: 3857797
Conc: 44.91 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.235 min
Delta R.T.: 0.002 min
Response: 3590251
Conc: 45.28 ug/ml