

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF031725AL\
 Data File : FF015686.D
 Signal(s) : FID2B.ch
 Acq On : 17 Mar 2025 18:01
 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: Mar 18 02:22:30 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aliphatic EPH 031725.M
 Quant Title : GC Extractables
 QLast Update : Tue Mar 18 02:20:55 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)	11.937	7290625	45.583 ug/ml
Spiked Amount 50.000		Recovery =	91.17%
12) S 1-chlorooctadecane (S...	13.372	5563119	46.415 ug/ml
Spiked Amount 50.000		Recovery =	92.83%
Target Compounds			
1) T n-Nonane (C9)	3.311	6092632	46.149 ug/ml
2) T n-Decane (C10)	4.568	6207894	46.213 ug/ml
3) T A~Naphthalene (C11.7)	6.276	6629415	47.515 ug/ml
4) T n-Dodecane (C12)	6.734	6295682	46.101 ug/ml
5) T A~2-methylnaphthalene...	7.373	6382167	48.800 ug/ml
6) T n-Tetradecane (C14)	8.562	6305725	46.159 ug/ml
7) T n-Hexadecane (C16)	10.170	6550648	46.259 ug/ml
8) T n-Octadecane (C18)	11.614	6700763	46.108 ug/ml
10) T n-Eicosane (C20)	12.925	6513625	45.857 ug/ml
11) T n-Heneicosane (C21)	13.537	6433602	45.713 ug/ml
13) T n-Docosane (C22)	14.125	6434543	45.592 ug/ml
14) T n-Tetracosane (C24)	15.229	6461530	45.712 ug/ml
15) T n-Hexacosane (C26)	16.252	6321268	45.638 ug/ml
16) T n-Octacosane (C28)	17.202	6169883	44.601 ug/ml
17) T n-Tricontane (C30)	18.091	6147370	42.922 ug/ml
18) T n-Dotriacontane (C32)	18.924	5836343	42.151 ug/ml
19) T n-Tetratriacontane (C34)	19.708	5274079	42.440 ug/ml
20) T n-Hexatriacontane (C36)	20.449	4589204	43.537 ug/ml
21) T n-Octatriacontane (C38)	21.186	4197637	44.963 ug/ml
22) T n-Tetracontane (C40)	22.100	3968166	46.243 ug/ml

(f)=RT Delta > 1/2 Window

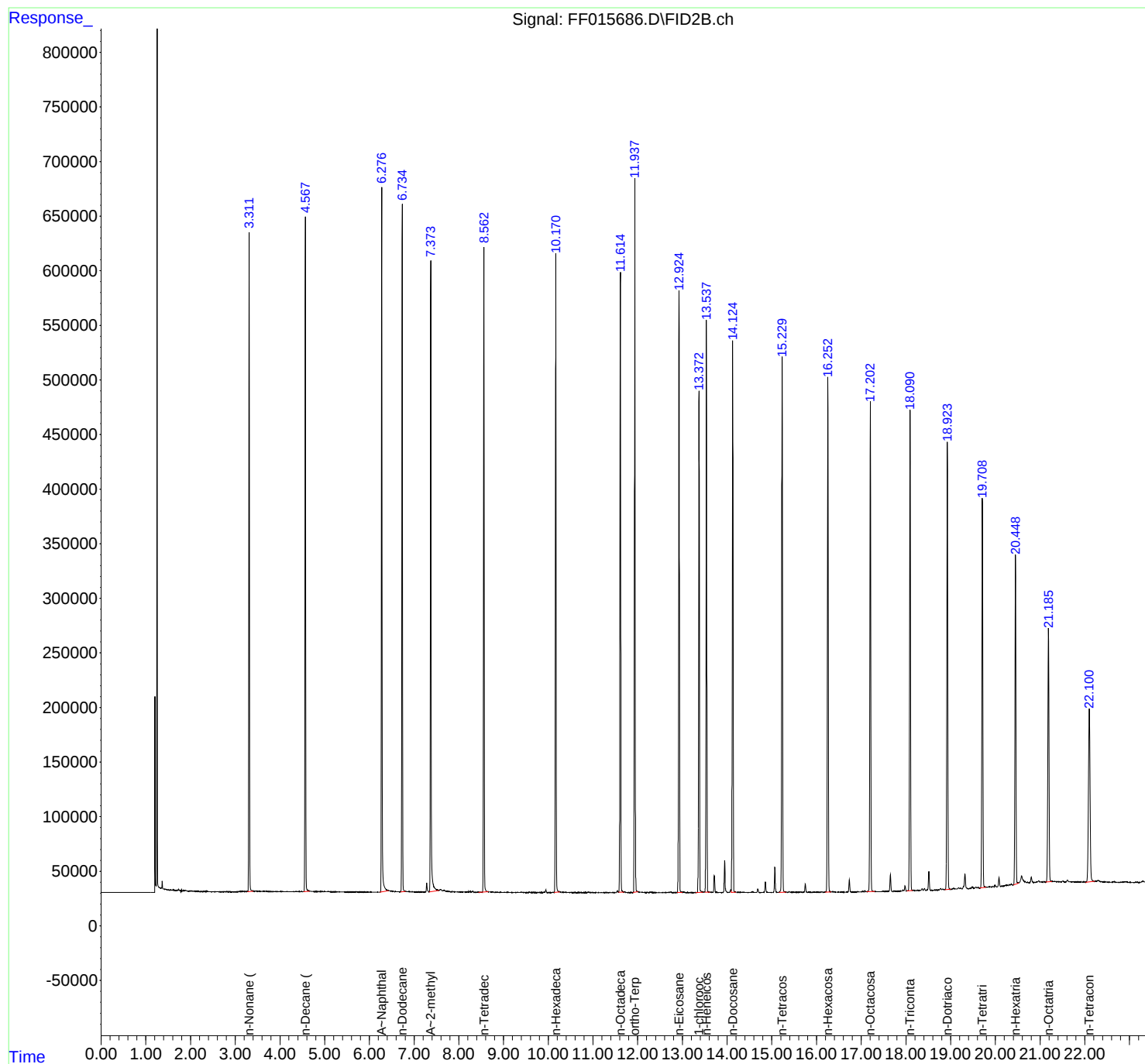
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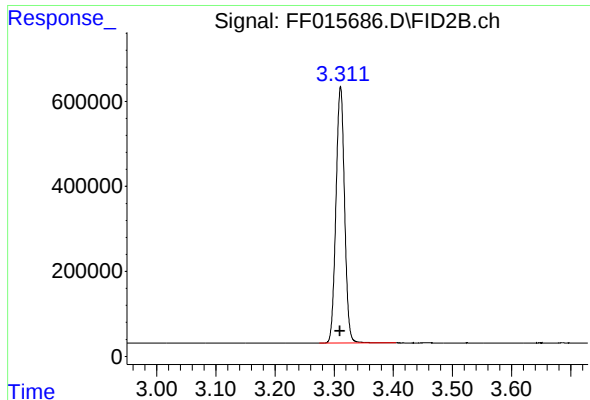
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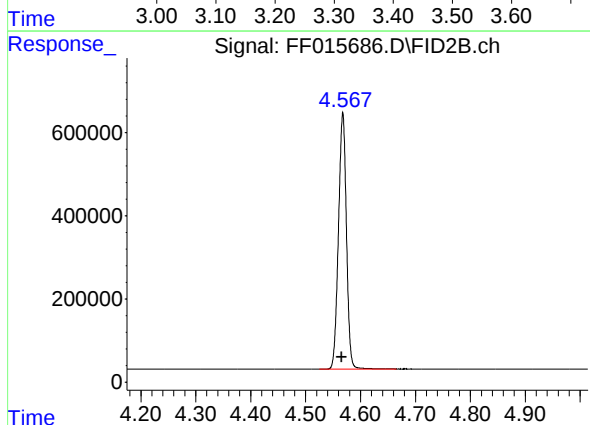




#1 n-Nonane (C9)

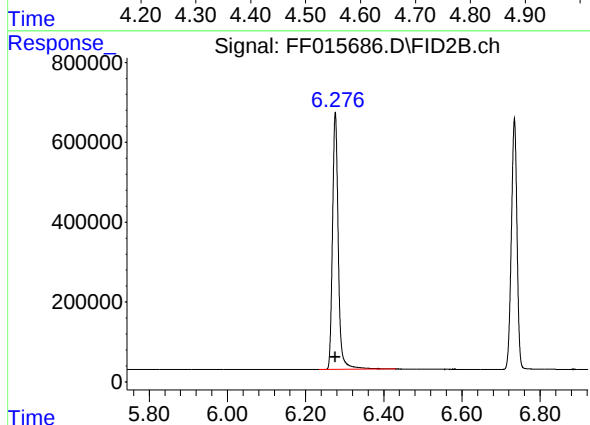
R.T.: 3.311 min
Delta R.T.: 0.000 min
Response: 6092632
Conc: 46.15 ug/ml

Instrument :
FID_F
ClientSampleId :
50 PPM ALIPHATIC HC STD2



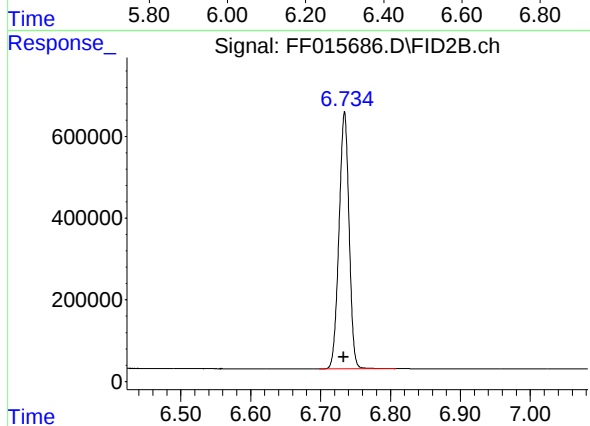
#2 n-Decane (C10)

R.T.: 4.568 min
Delta R.T.: 0.002 min
Response: 6207894
Conc: 46.21 ug/ml



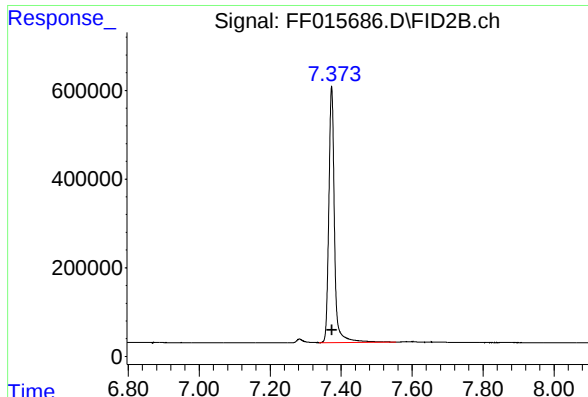
#3 A~Naphthalene (C11.7)

R.T.: 6.276 min
Delta R.T.: 0.000 min
Response: 6629415
Conc: 47.51 ug/ml



#4 n-Dodecane (C12)

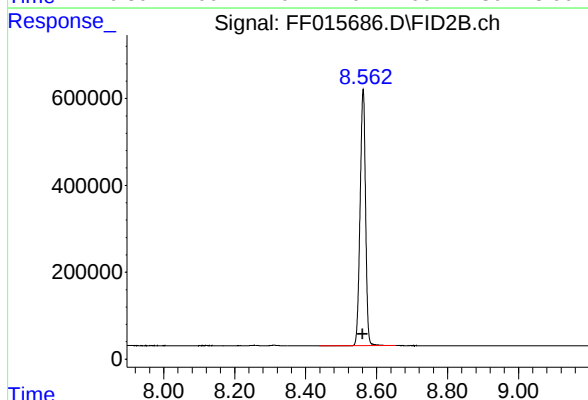
R.T.: 6.734 min
Delta R.T.: 0.001 min
Response: 6295682
Conc: 46.10 ug/ml



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

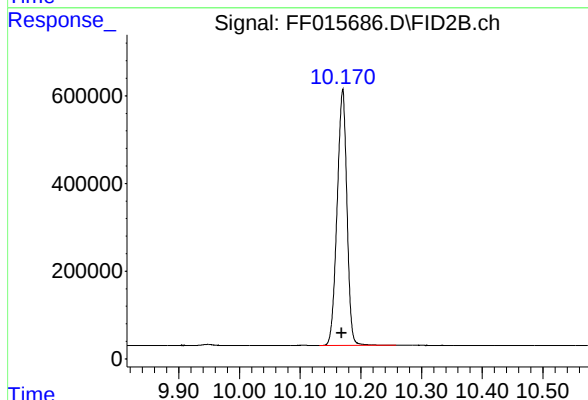
R.T.: 7.373 min
Delta R.T.: 0.000 min
Response: 6382167
Conc: 48.80 ug/ml

Instrument :
FID_F
ClientSampleId :
50 PPM ALIPHATIC HC STD2



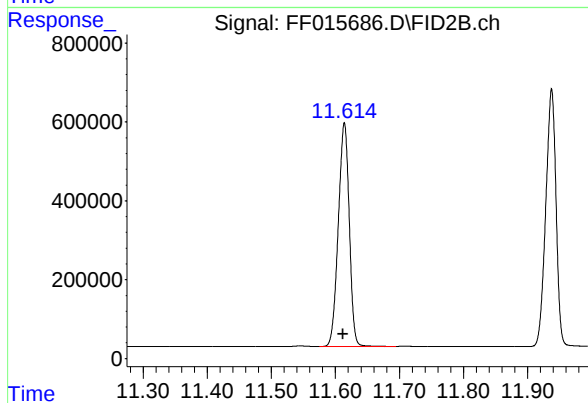
#6 n-Tetradecane (C14)

R.T.: 8.562 min
Delta R.T.: 0.001 min
Response: 6305725
Conc: 46.16 ug/ml



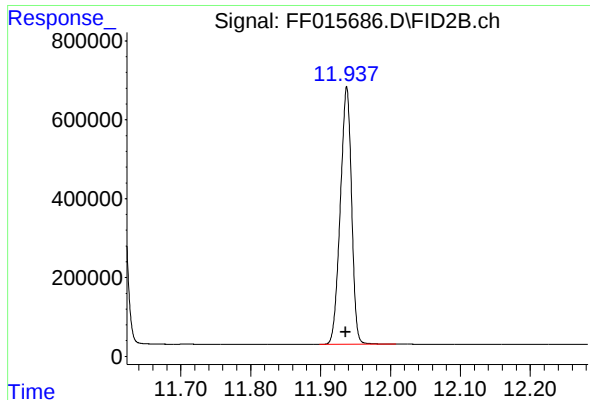
#7 n-Hexadecane (C16)

R.T.: 10.170 min
Delta R.T.: 0.001 min
Response: 6550648
Conc: 46.26 ug/ml



#8 n-Octadecane (C18)

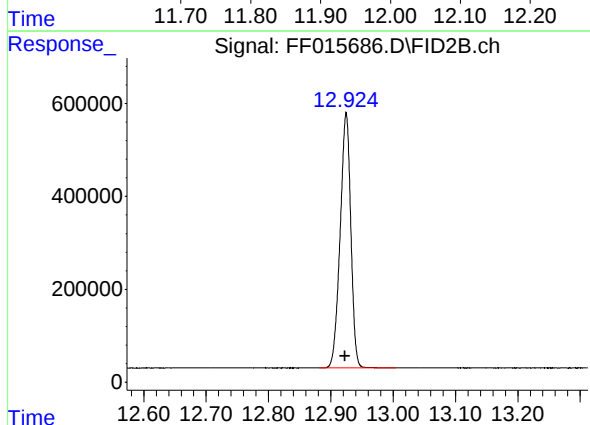
R.T.: 11.614 min
Delta R.T.: 0.002 min
Response: 6700763
Conc: 46.11 ug/ml



#9 ortho-Terphenyl (SURR)

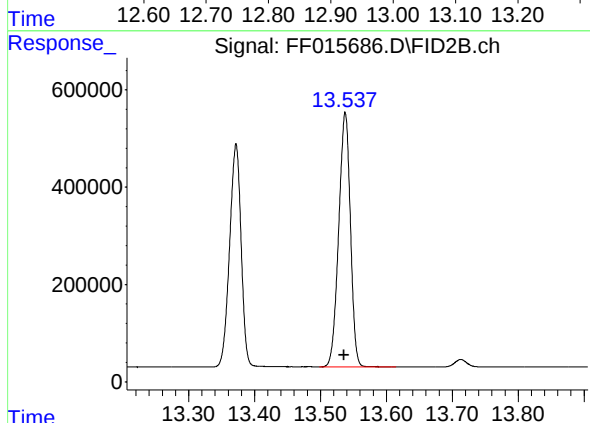
R.T.: 11.937 min
Delta R.T.: 0.001 min
Response: 7290625
Conc: 45.58 ug/ml

Instrument :
FID_F
ClientSampleId :
50 PPM ALIPHATIC HC STD2



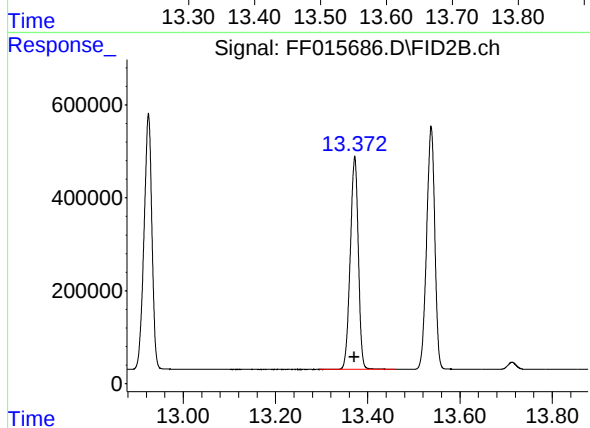
#10 n-Eicosane (C20)

R.T.: 12.925 min
Delta R.T.: 0.001 min
Response: 6513625
Conc: 45.86 ug/ml



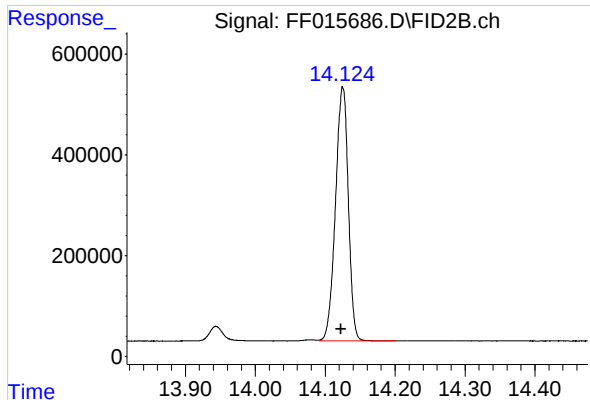
#11 n-Heneicosane (C21)

R.T.: 13.537 min
Delta R.T.: 0.002 min
Response: 6433602
Conc: 45.71 ug/ml



#12 1-chlorooctadecane (SURR)

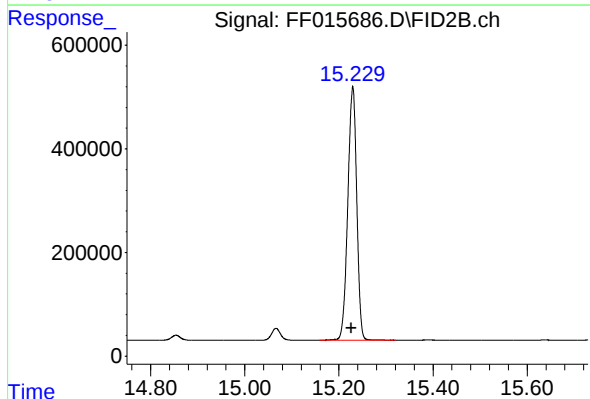
R.T.: 13.372 min
Delta R.T.: 0.001 min
Response: 5563119
Conc: 46.42 ug/ml



#13 n-Docosane (C22)

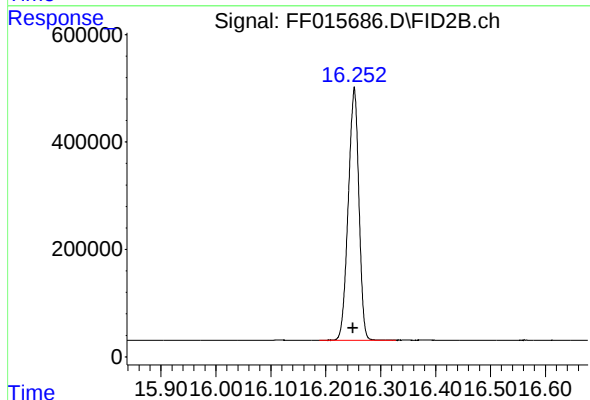
R.T.: 14.125 min
Delta R.T.: 0.002 min
Response: 6434543
Conc: 45.59 ug/ml

Instrument :
FID_F
ClientSampleId :
50 PPM ALIPHATIC HC STD2



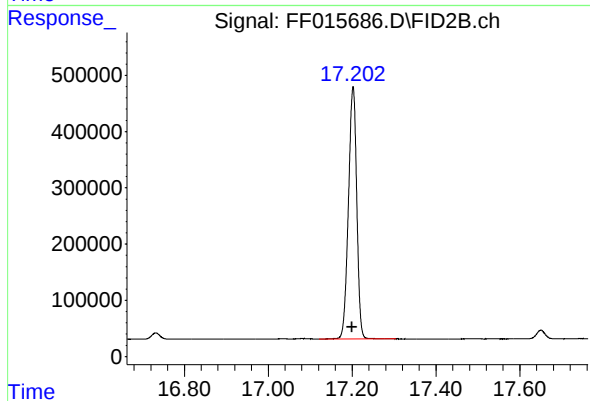
#14 n-Tetracosane (C24)

R.T.: 15.229 min
Delta R.T.: 0.003 min
Response: 6461530
Conc: 45.71 ug/ml



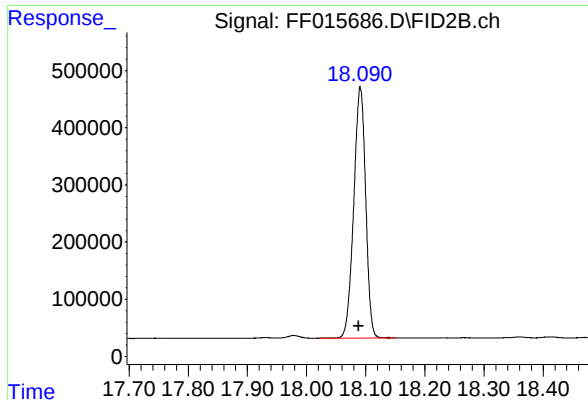
#15 n-Hexacosane (C26)

R.T.: 16.252 min
Delta R.T.: 0.002 min
Response: 6321268
Conc: 45.64 ug/ml



#16 n-Octacosane (C28)

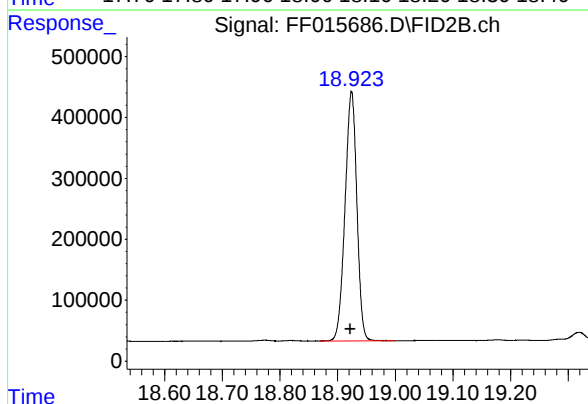
R.T.: 17.202 min
Delta R.T.: 0.002 min
Response: 6169883
Conc: 44.60 ug/ml



#17 n-Tricontane (C30)

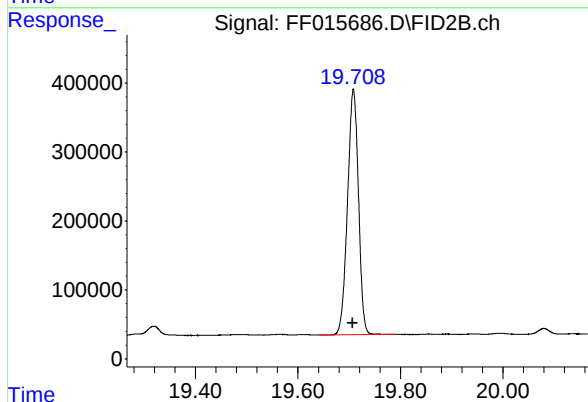
R.T.: 18.091 min
Delta R.T.: 0.002 min
Response: 6147370
Conc: 42.92 ug/ml

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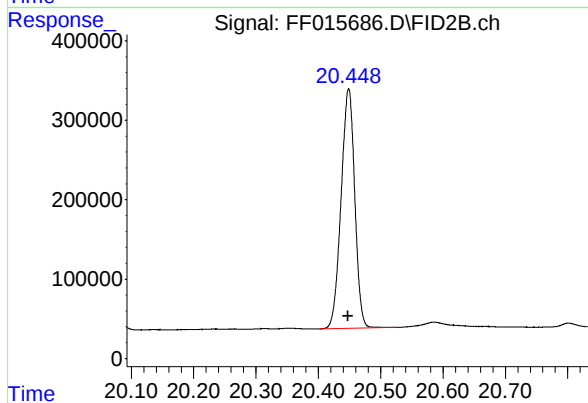
#18 n-Dotriacontane (C32)

R.T.: 18.924 min
Delta R.T.: 0.002 min
Response: 5836343
Conc: 42.15 ug/ml



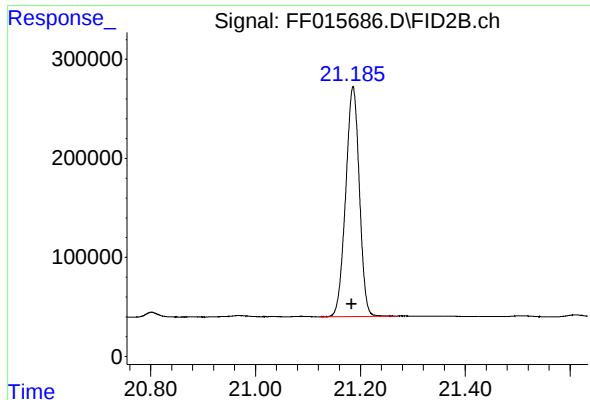
#19 n-Tetatriacontane (C34)

R.T.: 19.708 min
Delta R.T.: 0.002 min
Response: 5274079
Conc: 42.44 ug/ml



#20 n-Hexatriacontane (C36)

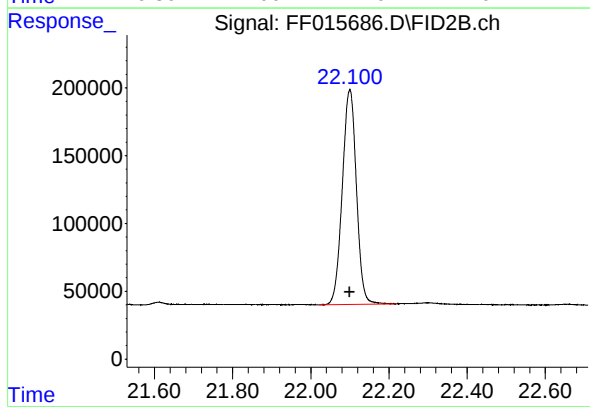
R.T.: 20.449 min
Delta R.T.: 0.001 min
Response: 4589204
Conc: 43.54 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.186 min
Delta R.T.: 0.002 min
Response: 4197637
Conc: 44.96 ug/ml

Instrument :
FID_F
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#22 n-Tetracontane (C40)

R.T.: 22.100 min
Delta R.T.: 0.000 min
Response: 3968166
Conc: 46.24 ug/ml