

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF021224AL\
 Data File : FF014008.D
 Signal(s) : FID2B.ch
 Acq On : 12 Feb 2024 14:24
 Operator : YP\AJ
 Sample : 50 PPM ALIPHATIC HC STD2
 Misc :
 ALS Vial : 62 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 50 PPM ALIPHATIC HC STD2

Integration File: autoint1.e
 Quant Time: Feb 12 15:24:13 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aliphatic EPH 021224.M
 Quant Title : GC Extractables
 QLast Update : Mon Feb 12 15:20:25 2024
 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)	11.863	7010121	49.899 ug/ml
Spiked Amount 50.000		Recovery =	99.80%
12) S 1-chlorooctadecane (S...	13.303	5342011	50.359 ug/ml
Spiked Amount 50.000		Recovery =	100.72%
Target Compounds			
1) T n-Nonane (C9)	3.261	5931762	49.735 ug/ml
2) T n-Decane (C10)	4.510	6058715	49.649 ug/ml
3) T A~Naphthalene (C11.7)	6.205	6615985	49.864 ug/ml
4) T n-Dodecane (C12)	6.673	6143586	49.600 ug/ml
5) T A~2-methylnaphthalene...	7.300	6405765	49.959 ug/ml
6) T n-Tetradecane (C14)	8.498	6125522	49.644 ug/ml
7) T n-Hexadecane (C16)	10.105	6409247	49.762 ug/ml
8) T n-Octadecane (C18)	11.549	6583836	49.832 ug/ml
10) T n-Eicosane (C20)	12.858	6418068	49.993 ug/ml
11) T n-Heneicosane (C21)	13.472	6350127	50.103 ug/ml
13) T n-Docosane (C22)	14.058	6329051	50.185 ug/ml
14) T n-Tetracosane (C24)	15.163	6298075	50.409 ug/ml
15) T n-Hexacosane (C26)	16.184	6128322	50.562 ug/ml
16) T n-Octacosane (C28)	17.137	5890470	50.698 ug/ml
17) T n-Tricontane (C30)	18.025	5786664	50.658 ug/ml
18) T n-Dotriacontane (C32)	18.857	5511974	50.403 ug/ml
19) T n-Tetratriacontane (C34)	19.641	5205979	50.229 ug/ml
20) T n-Hexatriacontane (C36)	20.382	4919513	50.153 ug/ml
21) T n-Octatriacontane (C38)	21.111	4818164	48.609 ug/ml
22) T n-Tetracontane (C40)	21.998	4715124	49.575 ug/ml

(f)=RT Delta > 1/2 Window

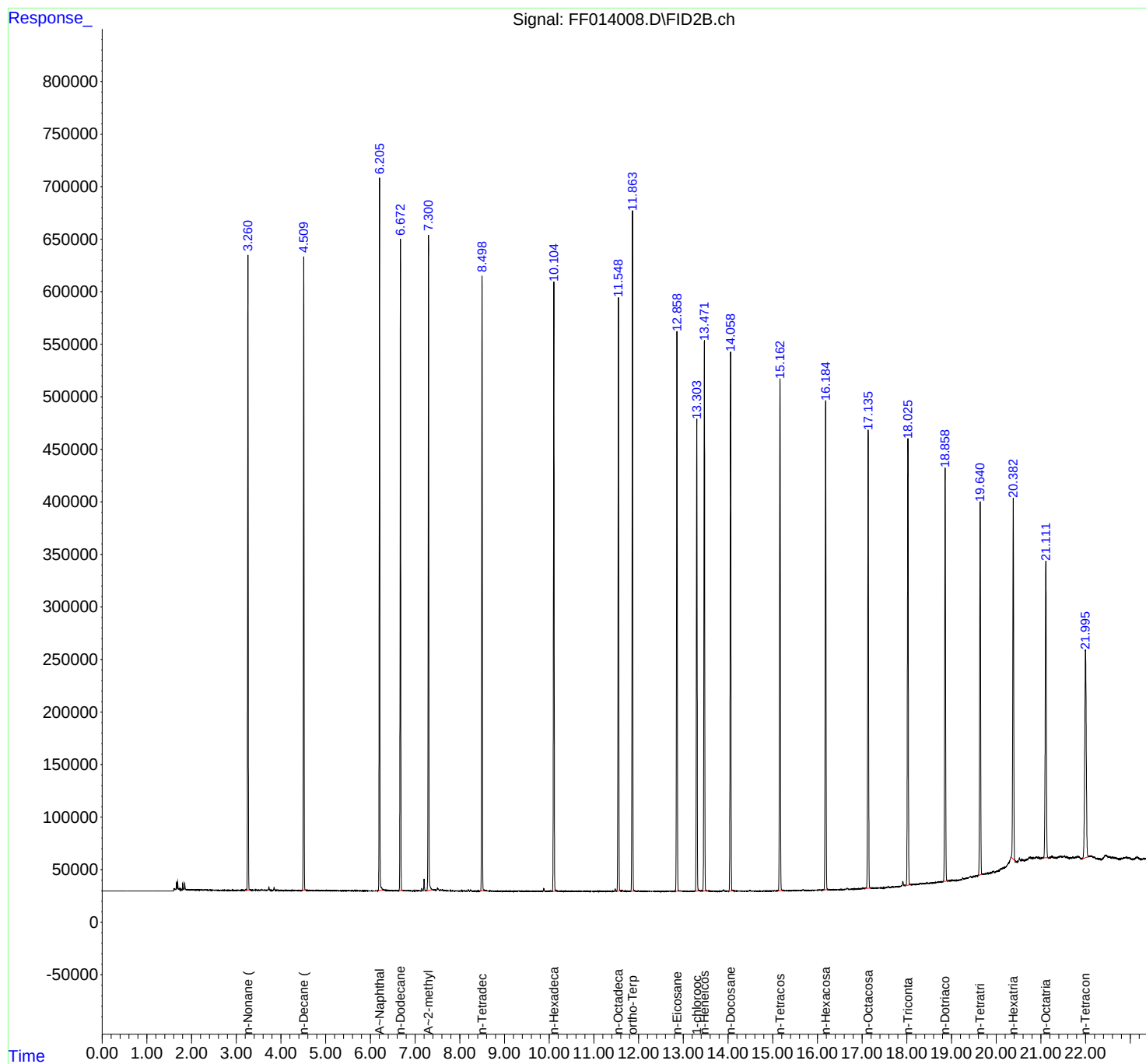
(m)=manual int.

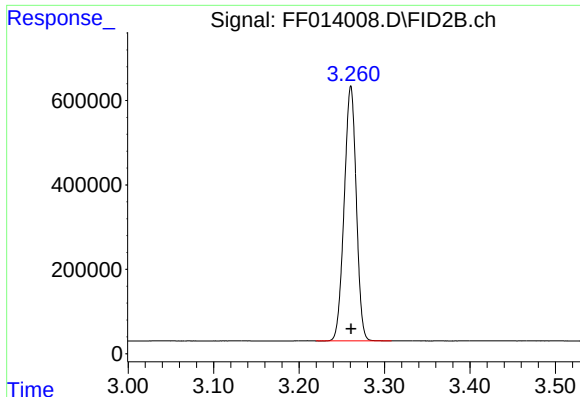
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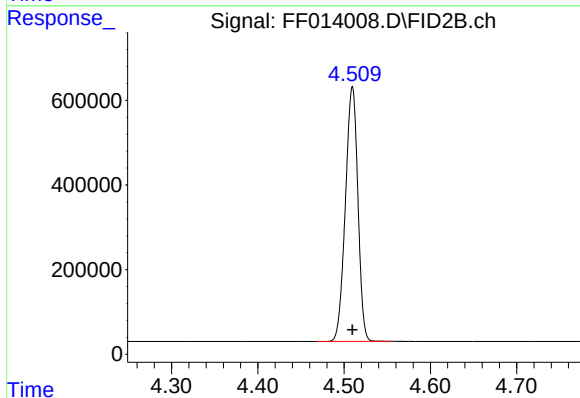




#1 n-Nonane (C9)

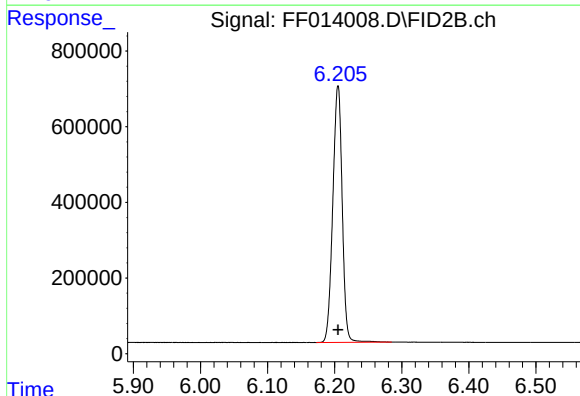
R.T.: 3.261 min
Delta R.T.: 0.000 min
Response: 5931762
Conc: 49.73 ug/ml

Instrument :
FID_F
ClientSampleId :
50 PPM ALIPHATIC HC STD2



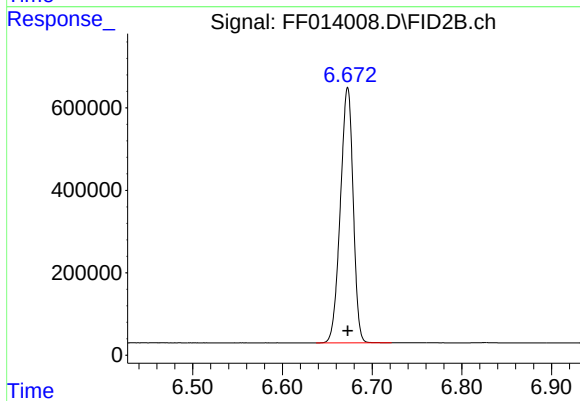
#2 n-Decane (C10)

R.T.: 4.510 min
Delta R.T.: 0.000 min
Response: 6058715
Conc: 49.65 ug/ml



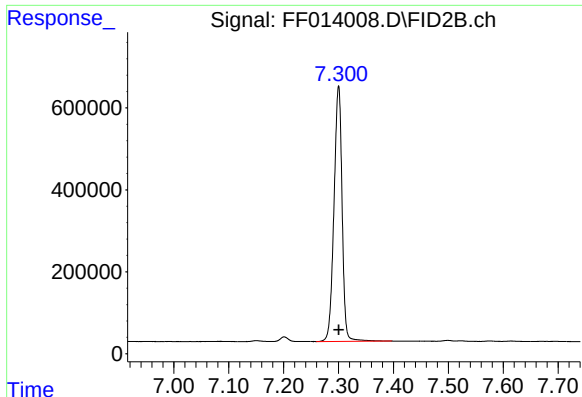
#3 A~Naphthalene (C11.7)

R.T.: 6.205 min
Delta R.T.: 0.000 min
Response: 6615985
Conc: 49.86 ug/ml



#4 n-Dodecane (C12)

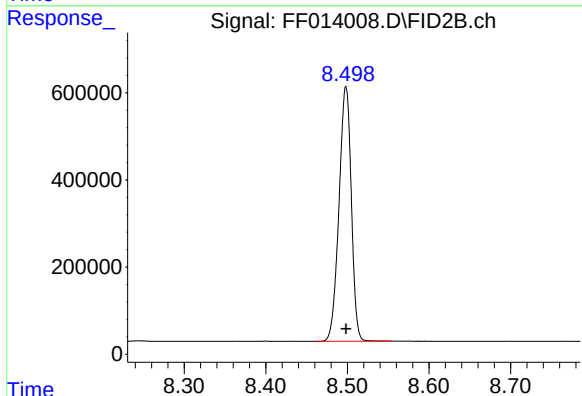
R.T.: 6.673 min
Delta R.T.: 0.000 min
Response: 6143586
Conc: 49.60 ug/ml



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

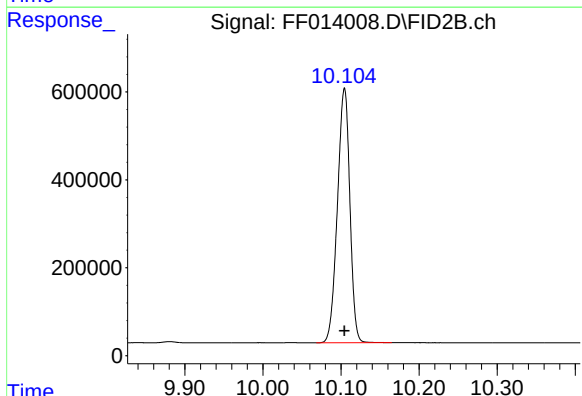
R.T.: 7.300 min
Delta R.T.: 0.000 min
Response: 6405765
Conc: 49.96 ug/ml

Instrument :
FID_F
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50 PPM ALIPHATIC HC STD2



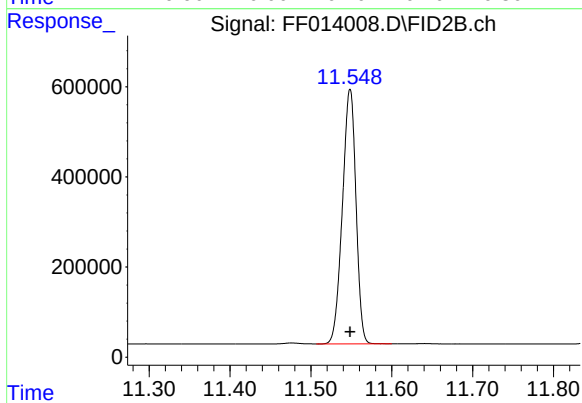
#6 n-Tetradecane (C14)

R.T.: 8.498 min
Delta R.T.: 0.000 min
Response: 6125522
Conc: 49.64 ug/ml



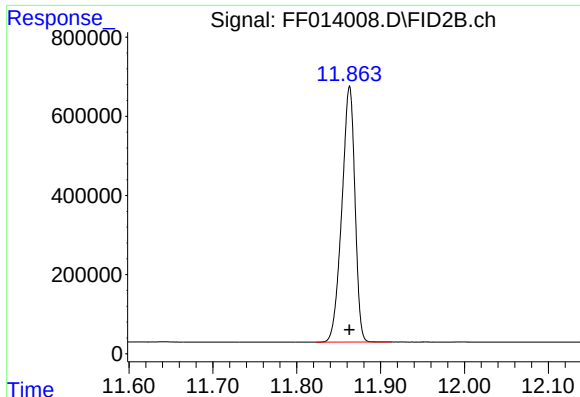
#7 n-Hexadecane (C16)

R.T.: 10.105 min
Delta R.T.: 0.000 min
Response: 6409247
Conc: 49.76 ug/ml



#8 n-Octadecane (C18)

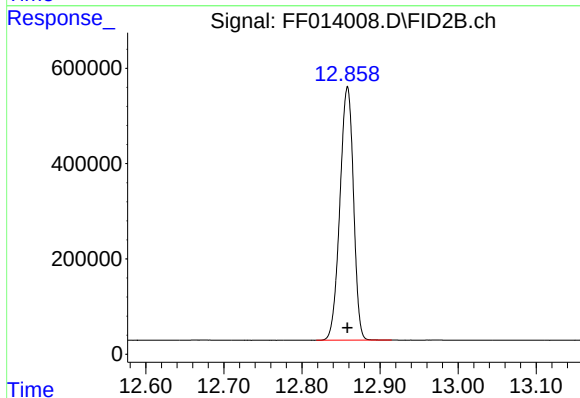
R.T.: 11.549 min
Delta R.T.: 0.000 min
Response: 6583836
Conc: 49.83 ug/ml



#9 ortho-Terphenyl (SURR)

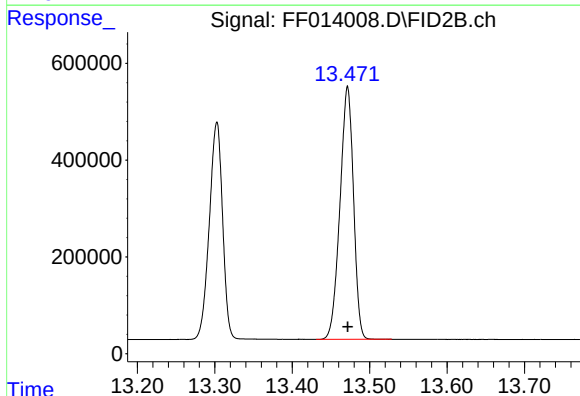
R.T.: 11.863 min
Delta R.T.: 0.000 min
Response: 7010121
Conc: 49.90 ug/ml

Instrument :
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50 PPM ALIPHATIC HC STD2



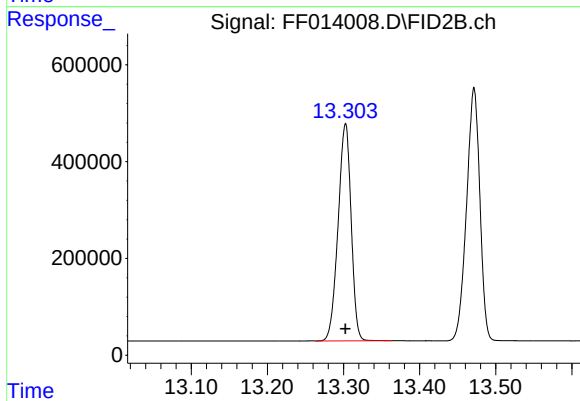
#10 n-Eicosane (C20)

R.T.: 12.858 min
Delta R.T.: 0.000 min
Response: 6418068
Conc: 49.99 ug/ml



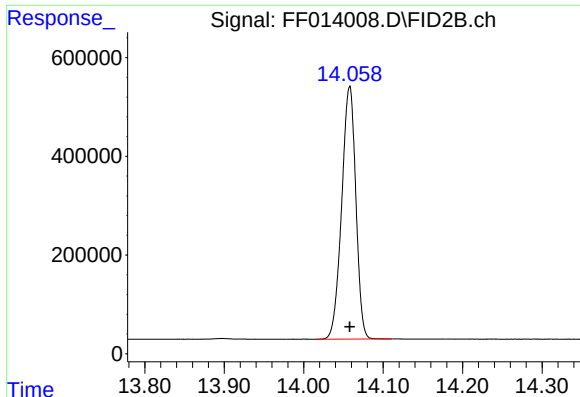
#11 n-Heneicosane (C21)

R.T.: 13.472 min
Delta R.T.: 0.000 min
Response: 6350127
Conc: 50.10 ug/ml



#12 1-chlorooctadecane (SURR)

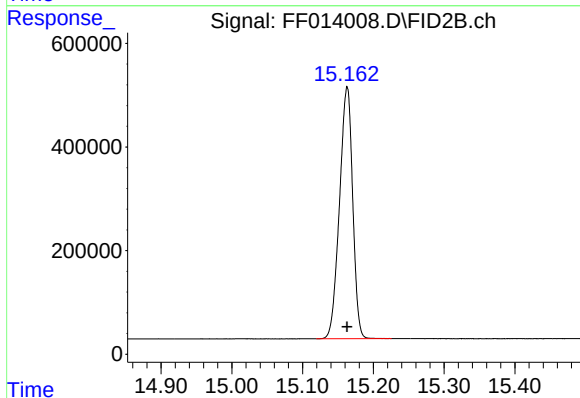
R.T.: 13.303 min
Delta R.T.: 0.000 min
Response: 5342011
Conc: 50.36 ug/ml



#13 n-Docosane (C22)

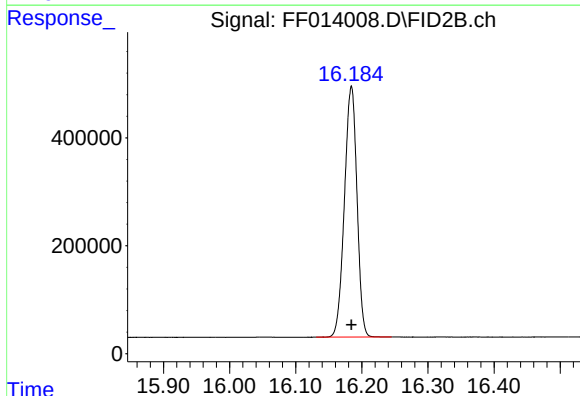
R.T.: 14.058 min
Delta R.T.: 0.000 min
Response: 6329051
Conc: 50.19 ug/ml

Instrument :
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50 PPM ALIPHATIC HC STD2



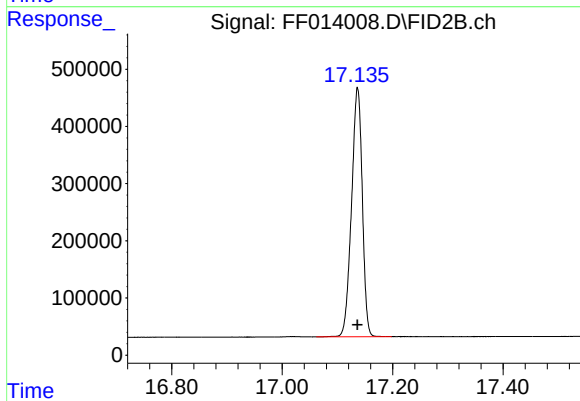
#14 n-Tetracosane (C24)

R.T.: 15.163 min
Delta R.T.: 0.000 min
Response: 6298075
Conc: 50.41 ug/ml



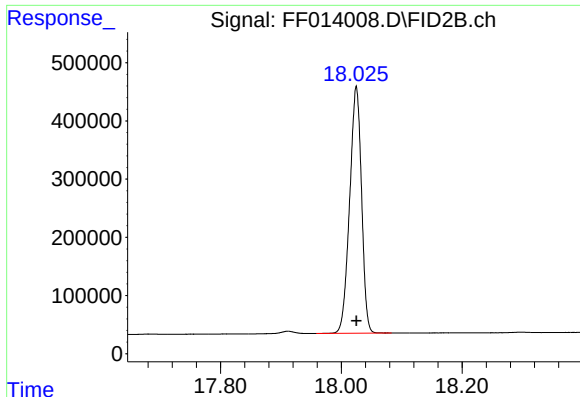
#15 n-Hexacosane (C26)

R.T.: 16.184 min
Delta R.T.: 0.000 min
Response: 6128322
Conc: 50.56 ug/ml



#16 n-Octacosane (C28)

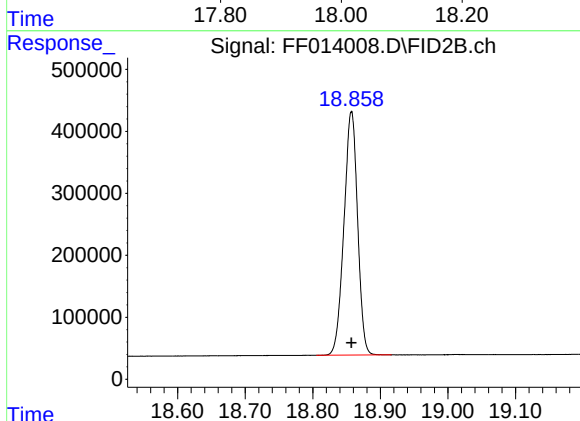
R.T.: 17.137 min
Delta R.T.: 0.000 min
Response: 5890470
Conc: 50.70 ug/ml



#17 n-Tricontane (C30)

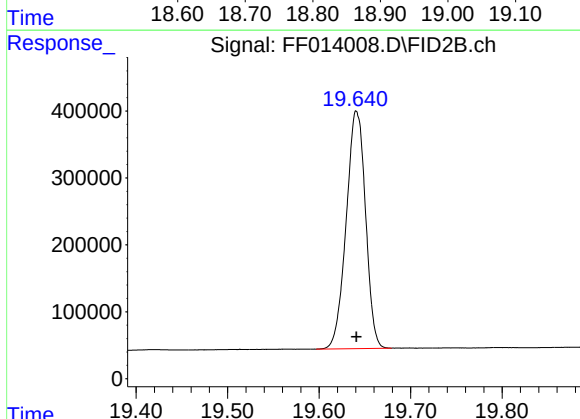
R.T.: 18.025 min
Delta R.T.: 0.000 min
Response: 5786664
Conc: 50.66 ug/ml

Instrument :
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50 PPM ALIPHATIC HC STD2



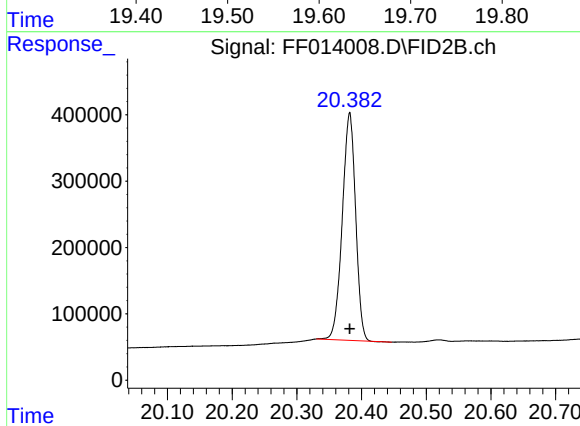
#18 n-Dotriacontane (C32)

R.T.: 18.857 min
Delta R.T.: 0.000 min
Response: 5511974
Conc: 50.40 ug/ml



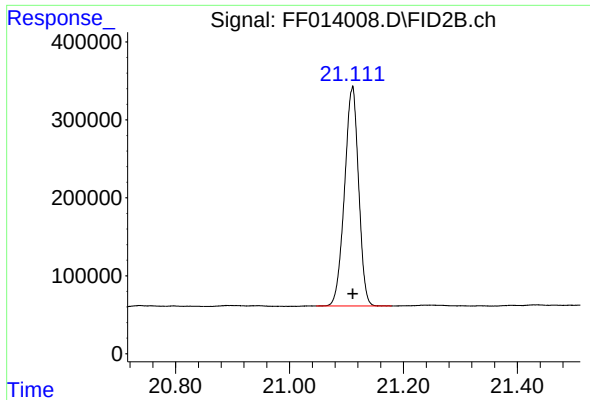
#19 n-Tetratriacontane (C34)

R.T.: 19.641 min
Delta R.T.: 0.000 min
Response: 5205979
Conc: 50.23 ug/ml



#20 n-Hexatriacontane (C36)

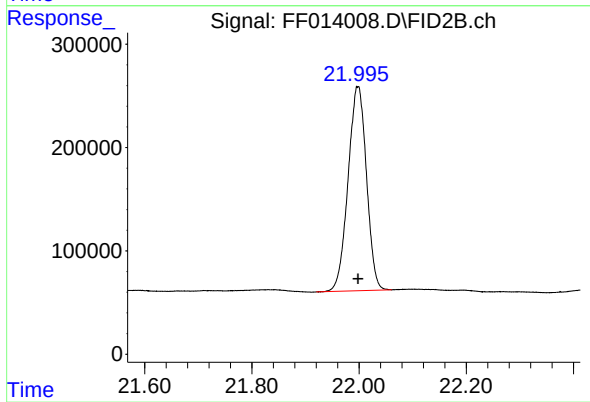
R.T.: 20.382 min
Delta R.T.: 0.000 min
Response: 4919513
Conc: 50.15 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.111 min
Delta R.T.: 0.000 min
Response: 4818164
Conc: 48.61 ug/ml

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FID_F
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50 PPM ALIPHATIC HC STD2



#22 n-Tetracontane (C40)

R.T.: 21.998 min
Delta R.T.: 0.000 min
Response: 4715124
Conc: 49.58 ug/ml