

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF121123AL\
 Data File : FF013830.D
 Signal(s) : FID2B.ch
 Acq On : 11 Dec 2023 20:10
 Operator : YP\AJ
 Sample : 50 PPM ALIPHATIC HC STD2
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 50 PPM ALIPHATIC HC STD2

Integration File: autoint1.e
 Quant Time: Dec 12 06:33:07 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aliphatic EPH 121123.M
 Quant Title : GC Extractables
 QLast Update : Tue Dec 12 06:32:56 2023
 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)	11.876	7096602	49.615 ug/ml
Spiked Amount 50.000		Recovery =	99.23%
12) S 1-chlorooctadecane (S...	13.314	5241741	49.772 ug/ml
Spiked Amount 50.000		Recovery =	99.54%
Target Compounds			
1) T n-Nonane (C9)	3.268	5761658	49.480 ug/ml
2) T n-Decane (C10)	4.519	5834526	49.480 ug/ml
3) T A~Naphthalene (C11.7)	6.216	6335948	49.598 ug/ml
4) T n-Dodecane (C12)	6.683	5902271	49.522 ug/ml
5) T A~2-methylnaphthalene...	7.312	6230843	49.754 ug/ml
6) T n-Tetradecane (C14)	8.510	5826015	49.550 ug/ml
7) T n-Hexadecane (C16)	10.117	5920814	49.550 ug/ml
8) T n-Octadecane (C18)	11.561	5961768	49.613 ug/ml
10) T n-Eicosane (C20)	12.870	5811890	49.636 ug/ml
11) T n-Heneicosane (C21)	13.482	5720271	49.660 ug/ml
13) T n-Docosane (C22)	14.070	5656370	49.705 ug/ml
14) T n-Tetracosane (C24)	15.174	5553186	49.731 ug/ml
15) T n-Hexacosane (C26)	16.196	5411658	49.742 ug/ml
16) T n-Octacosane (C28)	17.146	5257410	49.716 ug/ml
17) T n-Tricontane (C30)	18.035	5263476	49.678 ug/ml
18) T n-Dotriacontane (C32)	18.868	5224399	49.549 ug/ml
19) T n-Tetratriacontane (C34)	19.653	5103882	49.559 ug/ml
20) T n-Hexatriacontane (C36)	20.392	5371451	50.158 ug/ml
21) T n-Octatriacontane (C38)	21.121	5190002	49.542 ug/ml
22) T n-Tetracontane (C40)	22.017	5363648	49.436 ug/ml

(f)=RT Delta > 1/2 Window

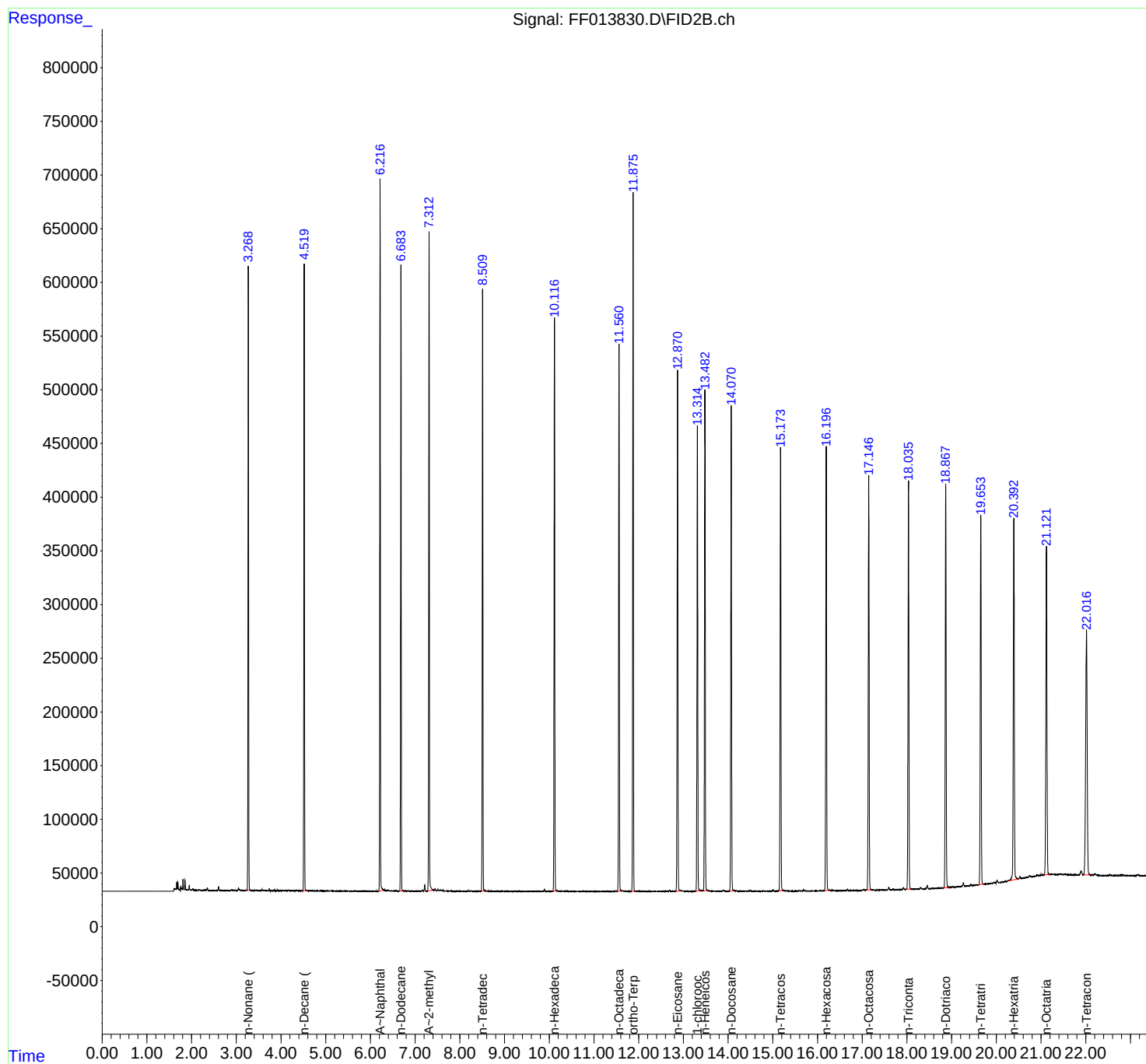
(m)=manual int.

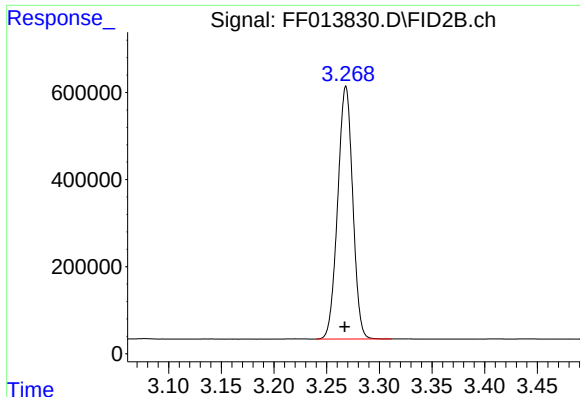
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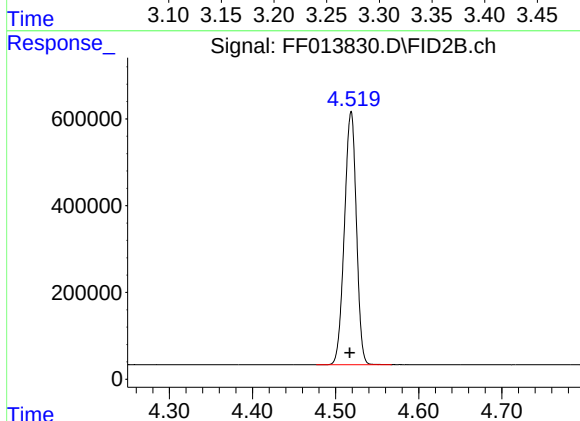




#1 n-Nonane (C9)

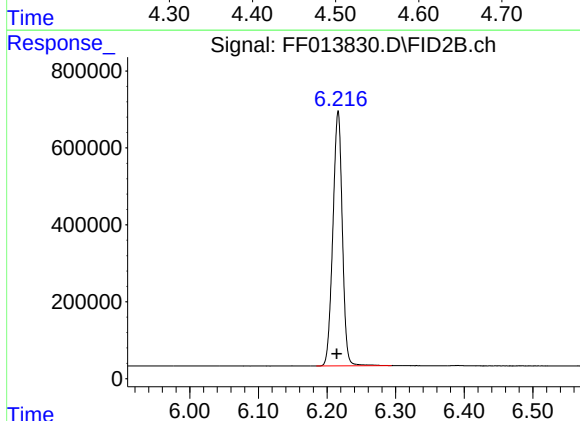
R.T.: 3.268 min
Delta R.T.: 0.001 min
Response: 5761658
Conc: 49.48 ug/ml

Instrument :
FID_F
ClientSampleId :
50 PPM ALIPHATIC HC STD2



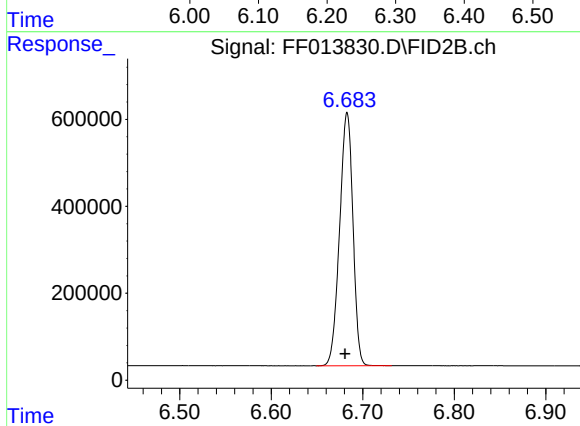
#2 n-Decane (C10)

R.T.: 4.519 min
Delta R.T.: 0.002 min
Response: 5834526
Conc: 49.48 ug/ml



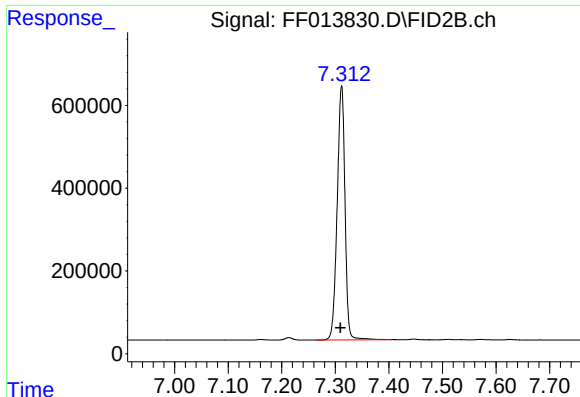
#3 A~Naphthalene (C11.7)

R.T.: 6.216 min
Delta R.T.: 0.002 min
Response: 6335948
Conc: 49.60 ug/ml



#4 n-Dodecane (C12)

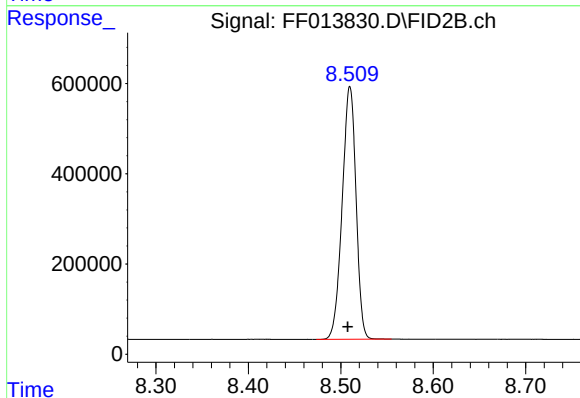
R.T.: 6.683 min
Delta R.T.: 0.002 min
Response: 5902271
Conc: 49.52 ug/ml



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

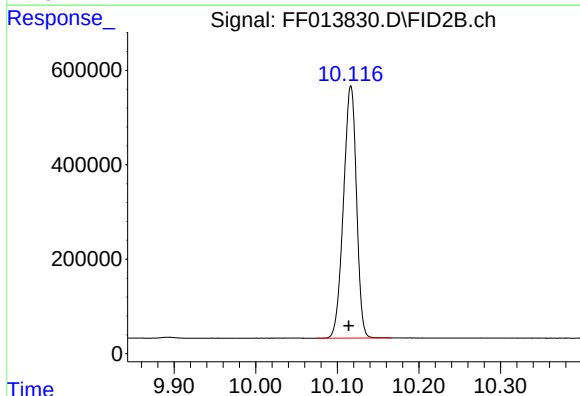
R.T.: 7.312 min
Delta R.T.: 0.003 min
Response: 6230843
Conc: 49.75 ug/ml

Instrument :
FID_F
ClientSampleId :
50 PPM ALIPHATIC HC STD2



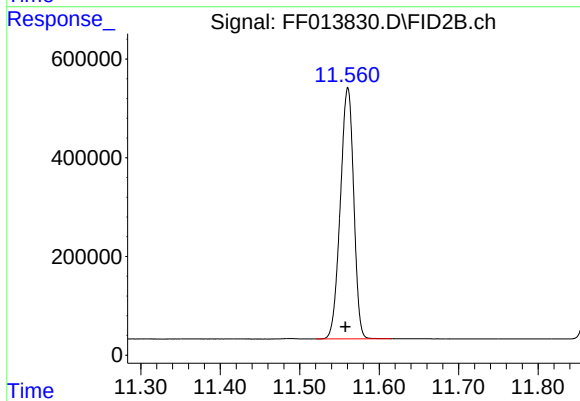
#6 n-Tetradecane (C14)

R.T.: 8.510 min
Delta R.T.: 0.002 min
Response: 5826015
Conc: 49.55 ug/ml



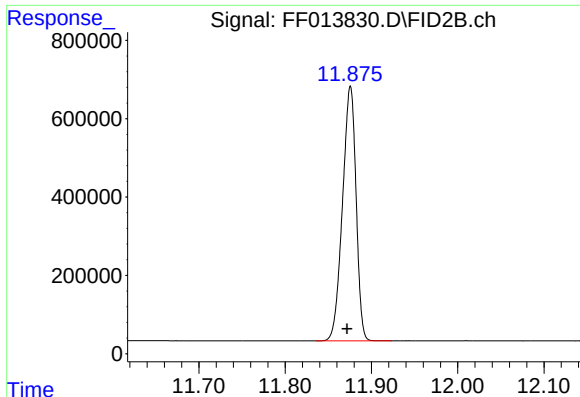
#7 n-Hexadecane (C16)

R.T.: 10.117 min
Delta R.T.: 0.003 min
Response: 5920814
Conc: 49.55 ug/ml



#8 n-Octadecane (C18)

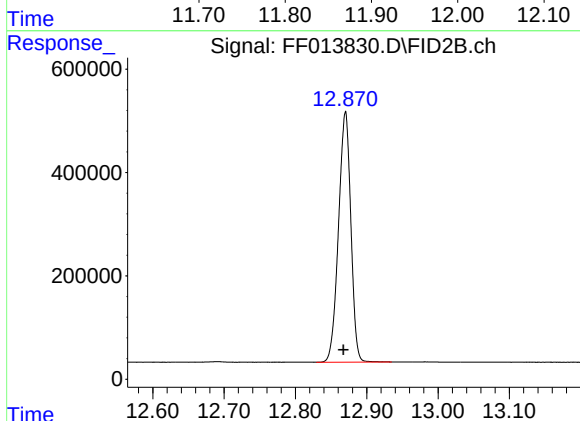
R.T.: 11.561 min
Delta R.T.: 0.003 min
Response: 5961768
Conc: 49.61 ug/ml



#9 ortho-Terphenyl (SURR)

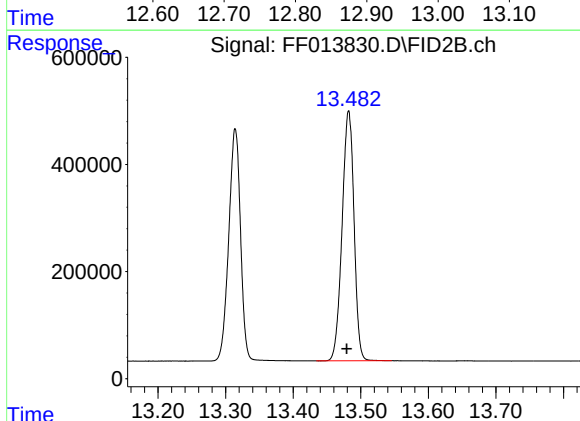
R.T.: 11.876 min
Delta R.T.: 0.004 min
Response: 7096602
Conc: 49.62 ug/ml

Instrument :
FID_F
ClientSampleId :
50 PPM ALIPHATIC HC STD2



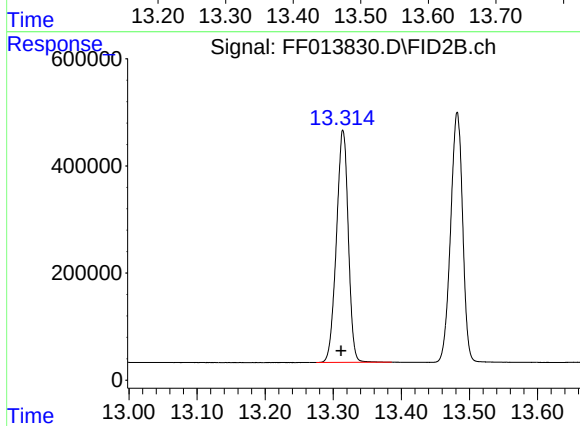
#10 n-Eicosane (C20)

R.T.: 12.870 min
Delta R.T.: 0.003 min
Response: 5811890
Conc: 49.64 ug/ml



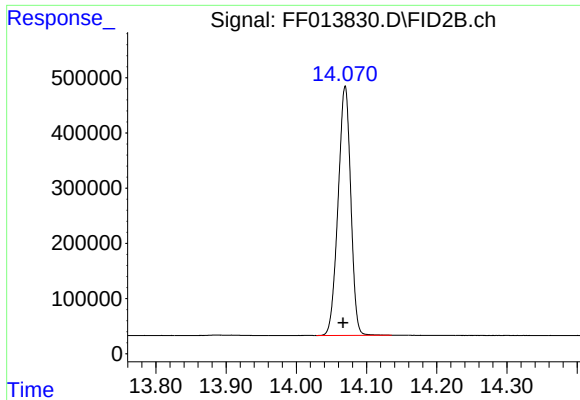
#11 n-Heneicosane (C21)

R.T.: 13.482 min
Delta R.T.: 0.003 min
Response: 5720271
Conc: 49.66 ug/ml



#12 1-chlorooctadecane (SURR)

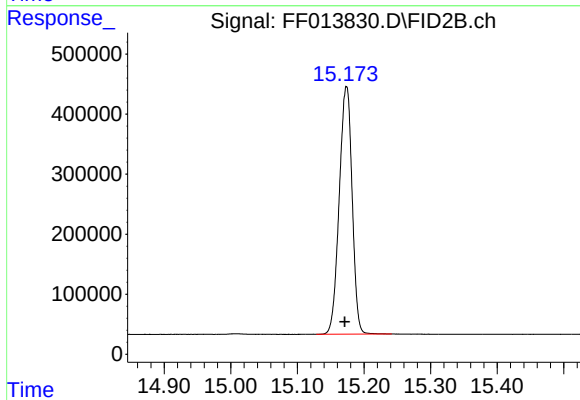
R.T.: 13.314 min
Delta R.T.: 0.003 min
Response: 5241741
Conc: 49.77 ug/ml



#13 n-Docosane (C22)

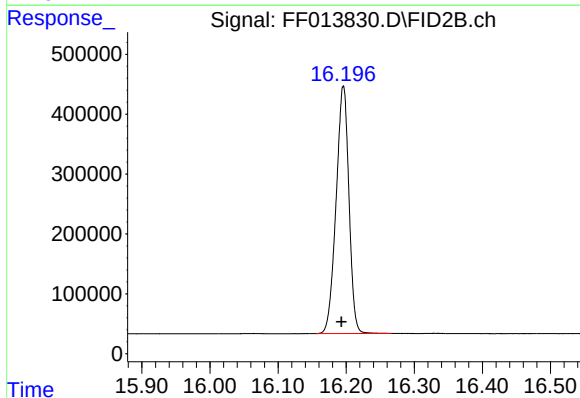
R.T.: 14.070 min
Delta R.T.: 0.003 min
Response: 5656370
Conc: 49.71 ug/ml

Instrument :
FID_F
ClientSampleId :
50 PPM ALIPHATIC HC STD2



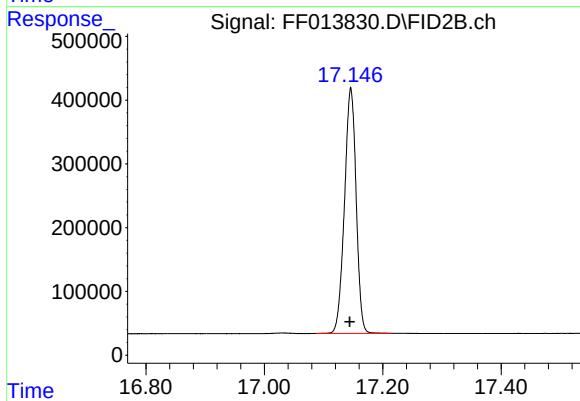
#14 n-Tetracosane (C24)

R.T.: 15.174 min
Delta R.T.: 0.003 min
Response: 5553186
Conc: 49.73 ug/ml



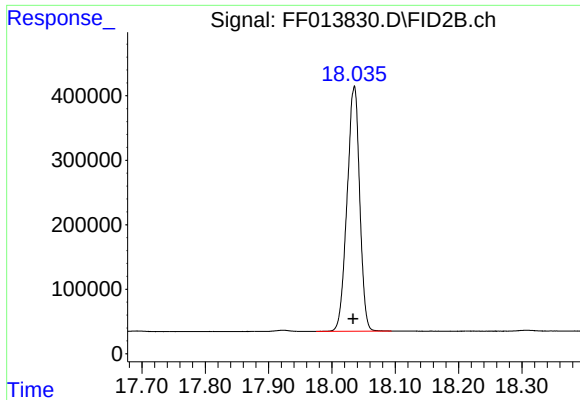
#15 n-Hexacosane (C26)

R.T.: 16.196 min
Delta R.T.: 0.003 min
Response: 5411658
Conc: 49.74 ug/ml



#16 n-Octacosane (C28)

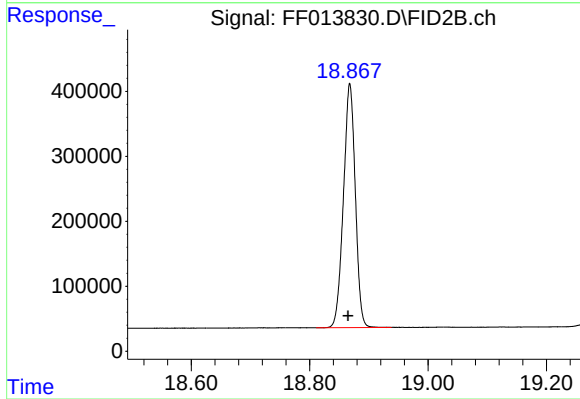
R.T.: 17.146 min
Delta R.T.: 0.002 min
Response: 5257410
Conc: 49.72 ug/ml



#17 n-Tricontane (C30)

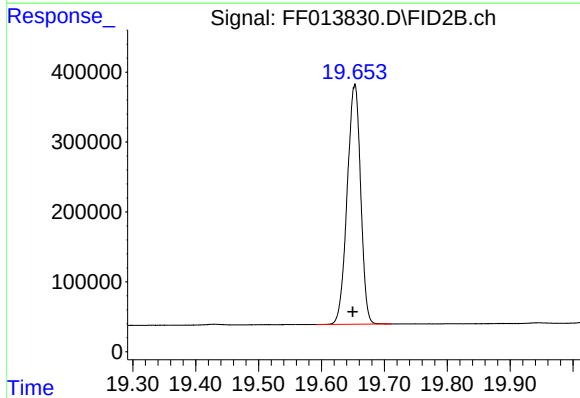
R.T.: 18.035 min
Delta R.T.: 0.002 min
Response: 5263476
Conc: 49.68 ug/ml

Instrument :
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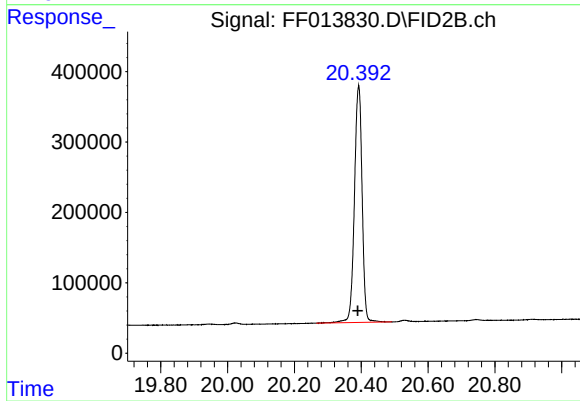
#18 n-Dotriacontane (C32)

R.T.: 18.868 min
Delta R.T.: 0.003 min
Response: 5224399
Conc: 49.55 ug/ml



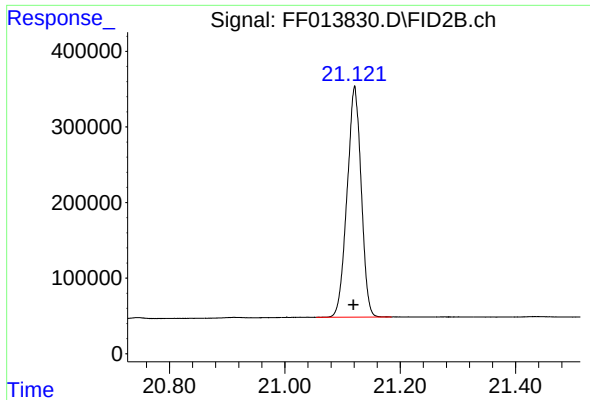
#19 n-Tetratriacontane (C34)

R.T.: 19.653 min
Delta R.T.: 0.004 min
Response: 5103882
Conc: 49.56 ug/ml



#20 n-Hexatriacontane (C36)

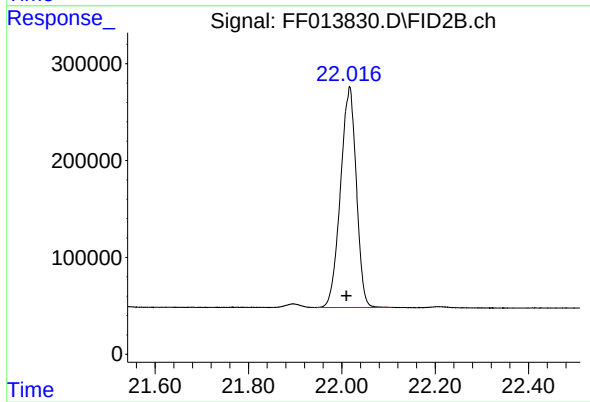
R.T.: 20.392 min
Delta R.T.: 0.003 min
Response: 5371451
Conc: 50.16 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.121 min
Delta R.T.: 0.002 min
Response: 5190002
Conc: 49.54 ug/ml

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FID_F
ClientSampleId :
50 PPM ALIPHATIC HC STD2



#22 n-Tetracontane (C40)

R.T.: 22.017 min
Delta R.T.: 0.007 min
Response: 5363648
Conc: 49.44 ug/ml