

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF041825AL\
 Data File : FF015783.D
 Signal(s) : FID2B.ch
 Acq On : 17 Apr 2025 21:19
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: Apr 21 02:59:02 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aliphatic EPH 041825.M
 Quant Title : GC Extractables
 QLast Update : Mon Apr 21 02:55:52 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)	11.934	2804216	19.694 ug/ml
Spiked Amount 50.000		Recovery =	39.39%
12) S 1-chlorooctadecane (S...	13.367	2009708	19.539 ug/ml
Spiked Amount 50.000		Recovery =	39.08%
Target Compounds			
1) T n-Nonane (C9)	3.309	2168456	20.069 ug/ml
2) T n-Decane (C10)	4.565	2177341	20.097 ug/ml
3) T A~Naphthalene (C11.7)	6.283	2064879	19.410 ug/ml
4) T n-Dodecane (C12)	6.731	2249512	20.293 ug/ml
5) T A~2-methylnaphthalene...	7.386	1766745	18.301 ug/ml
6) T n-Tetradecane (C14)	8.558	2213863	20.184 ug/ml
7) T n-Hexadecane (C16)	10.165	2202912	20.163 ug/ml
8) T n-Octadecane (C18)	11.608	2242729	20.086 ug/ml
10) T n-Eicosane (C20)	12.918	2248285	19.828 ug/ml
11) T n-Heneicosane (C21)	13.530	2252635	19.802 ug/ml
13) T n-Docosane (C22)	14.117	2262160	19.921 ug/ml
14) T n-Tetracosane (C24)	15.221	2281093	19.660 ug/ml
15) T n-Hexacosane (C26)	16.242	2207868	19.732 ug/ml
16) T n-Octacosane (C28)	17.193	2161861	19.542 ug/ml
17) T n-Tricontane (C30)	18.080	2157886	19.319 ug/ml
18) T n-Dotriacontane (C32)	18.913	2158132	17.910 ug/ml
19) T n-Tetratriacontane (C34)	19.697	1983154	18.704 ug/ml
20) T n-Hexatriacontane (C36)	20.437	1954474	19.070 ug/ml
21) T n-Octatriacontane (C38)	21.173	1723508	17.783 ug/ml
22) T n-Tetracontane (C40)	22.082	1557541	16.326 ug/ml

(f)=RT Delta > 1/2 Window

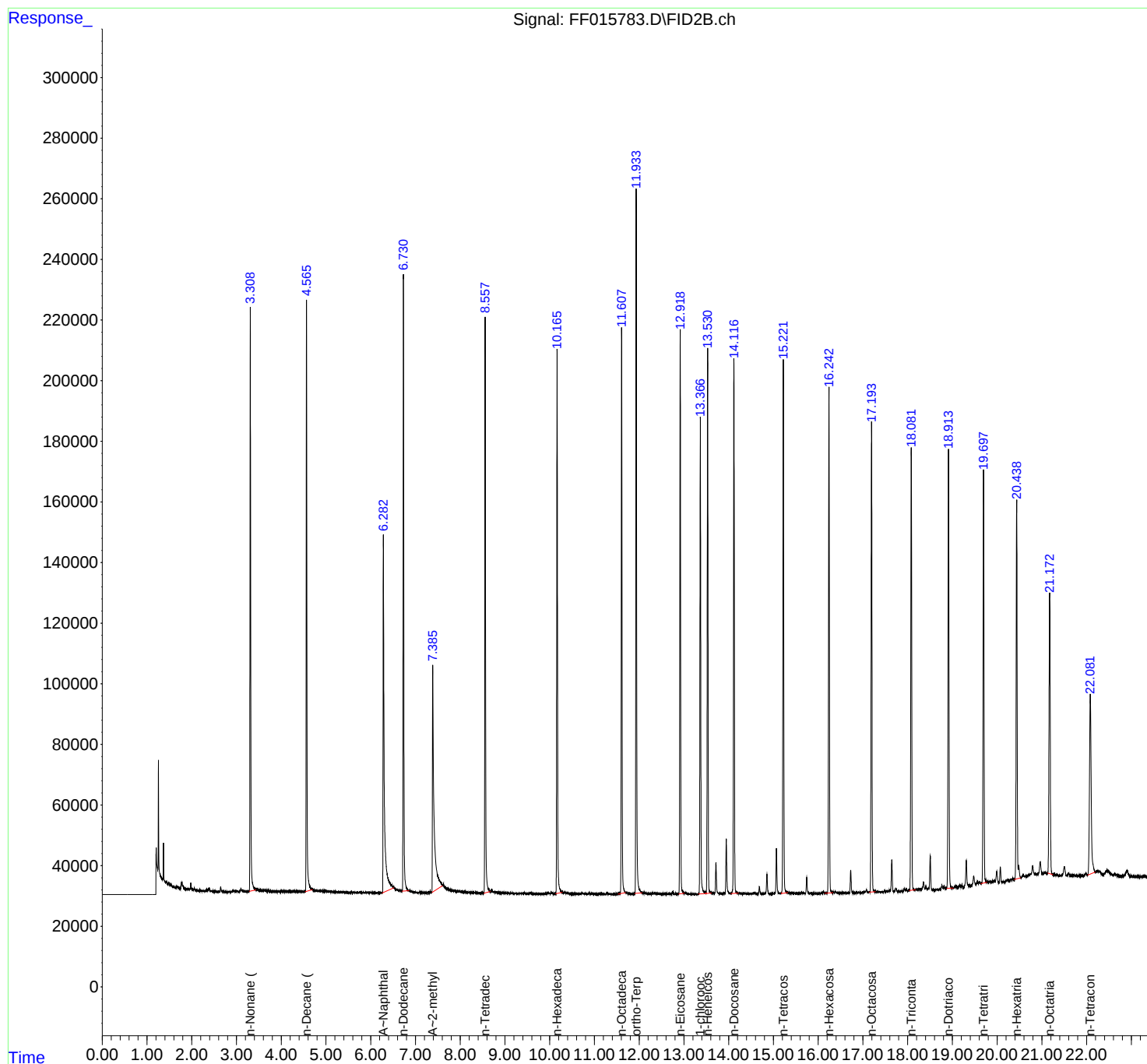
(m)=manual int.

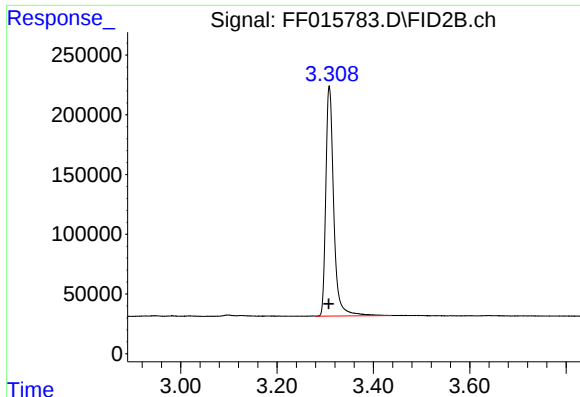
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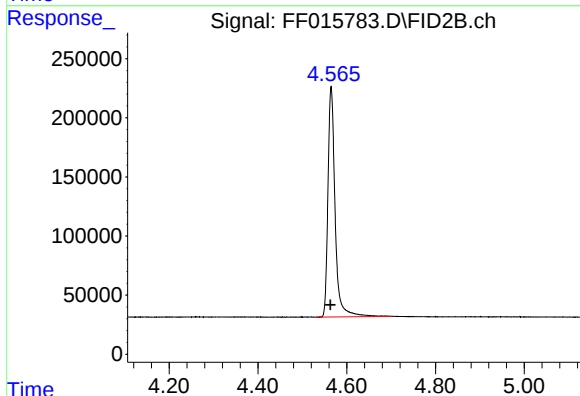




#1 n-Nonane (C9)

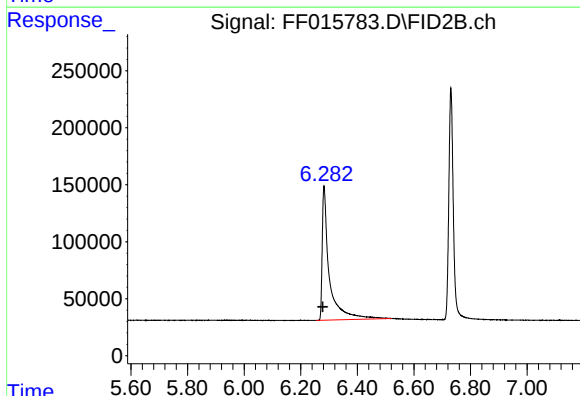
R.T.: 3.309 min
Delta R.T.: 0.002 min
Response: 2168456
Conc: 20.07 ug/ml

Instrument :
FID_F
ClientSampleId :
20 PPM ALIPHATIC HC STD



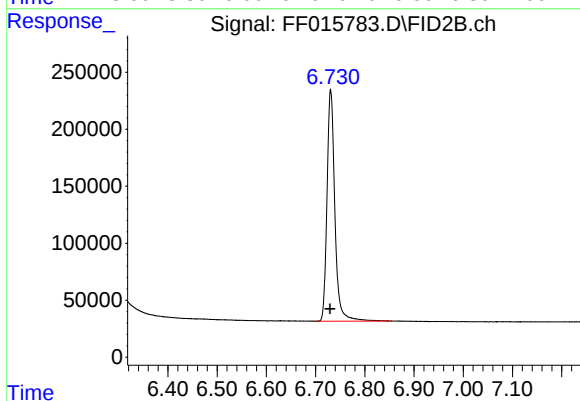
#2 n-Decane (C10)

R.T.: 4.565 min
Delta R.T.: 0.002 min
Response: 2177341
Conc: 20.10 ug/ml



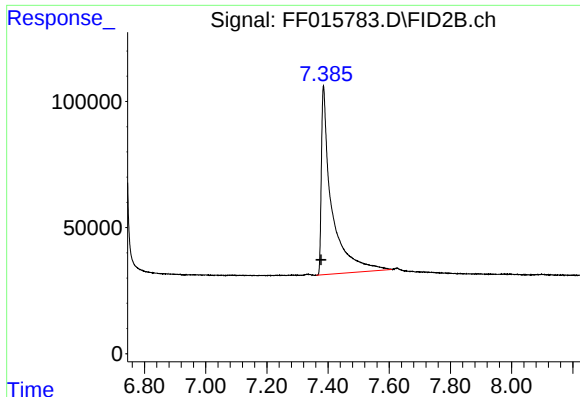
#3 A~Naphthalene (C11.7)

R.T.: 6.283 min
Delta R.T.: 0.005 min
Response: 2064879
Conc: 19.41 ug/ml



#4 n-Dodecane (C12)

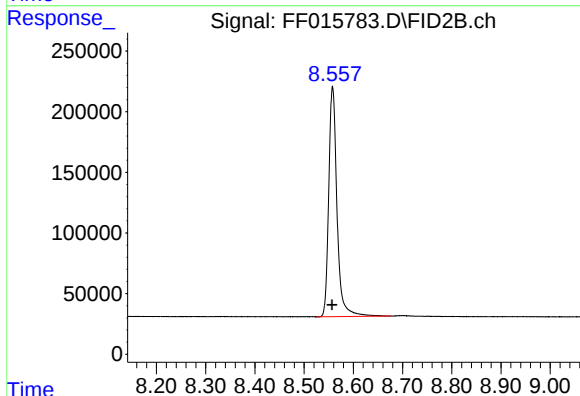
R.T.: 6.731 min
Delta R.T.: 0.001 min
Response: 2249512
Conc: 20.29 ug/ml



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

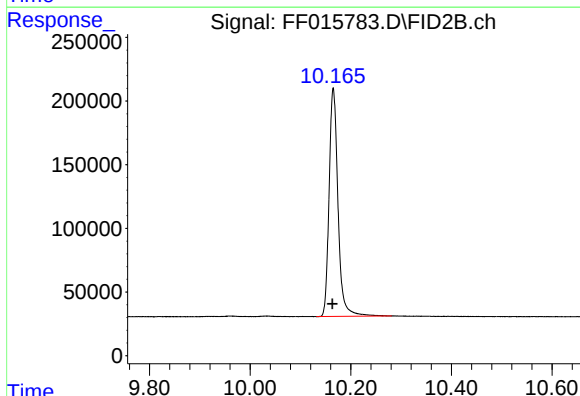
R.T.: 7.386 min
Delta R.T.: 0.009 min
Response: 1766745
Conc: 18.30 ug/ml

Instrument :
FID_F
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20 PPM ALIPHATIC HC STD



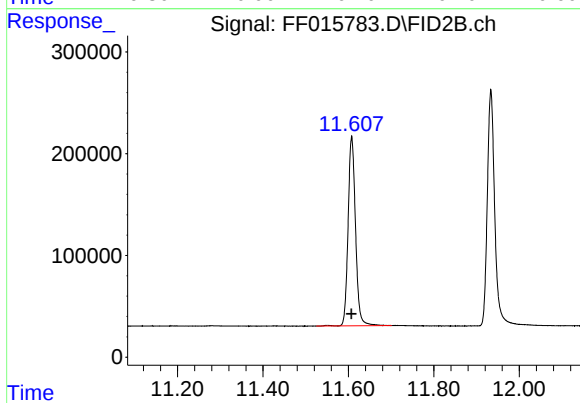
#6 n-Tetradecane (C14)

R.T.: 8.558 min
Delta R.T.: 0.001 min
Response: 2213863
Conc: 20.18 ug/ml



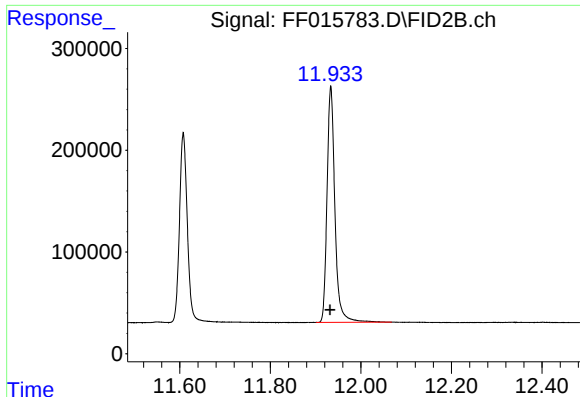
#7 n-Hexadecane (C16)

R.T.: 10.165 min
Delta R.T.: 0.002 min
Response: 2202912
Conc: 20.16 ug/ml



#8 n-Octadecane (C18)

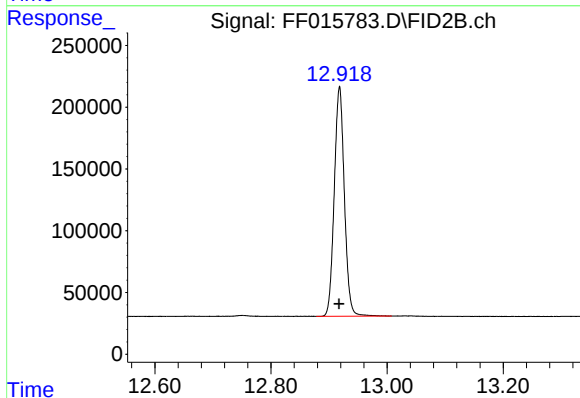
R.T.: 11.608 min
Delta R.T.: 0.000 min
Response: 2242729
Conc: 20.09 ug/ml



#9 ortho-Terphenyl (SURR)

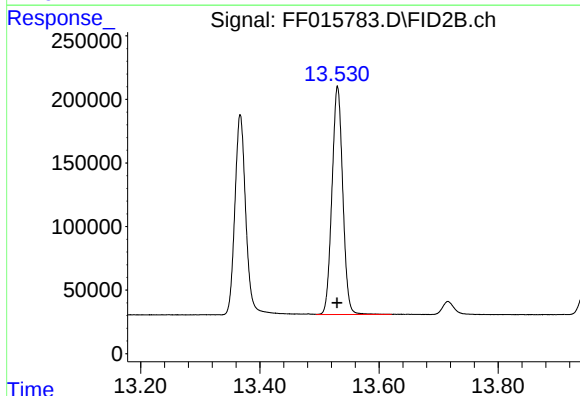
R.T.: 11.934 min
Delta R.T.: 0.002 min
Response: 2804216
Conc: 19.69 ug/ml

Instrument :
FID_F
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20 PPM ALIPHATIC HC STD



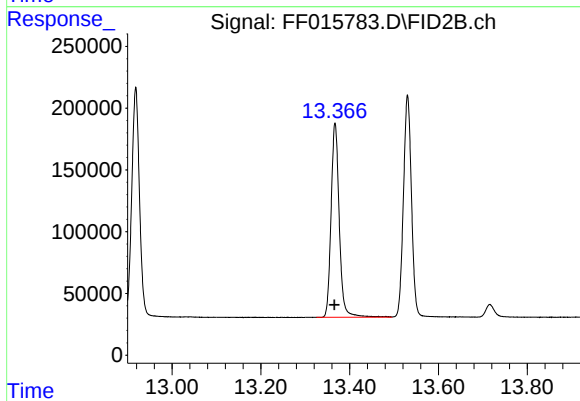
#10 n-Eicosane (C20)

R.T.: 12.918 min
Delta R.T.: 0.000 min
Response: 2248285
Conc: 19.83 ug/ml



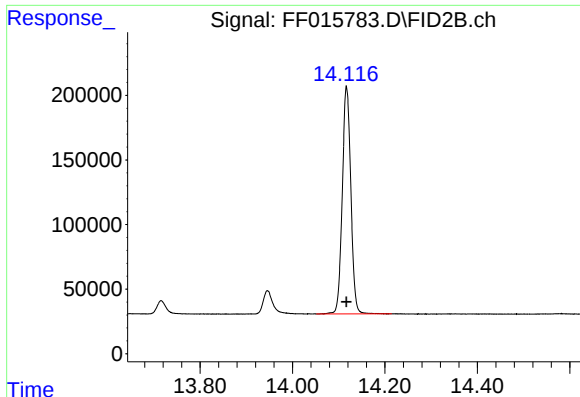
#11 n-Heneicosane (C21)

R.T.: 13.530 min
Delta R.T.: 0.000 min
Response: 2252635
Conc: 19.80 ug/ml



#12 1-chlorooctadecane (SURR)

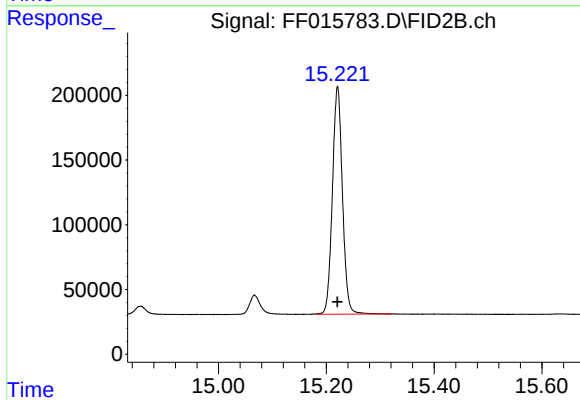
R.T.: 13.367 min
Delta R.T.: 0.002 min
Response: 2009708
Conc: 19.54 ug/ml



#13 n-Docosane (C22)

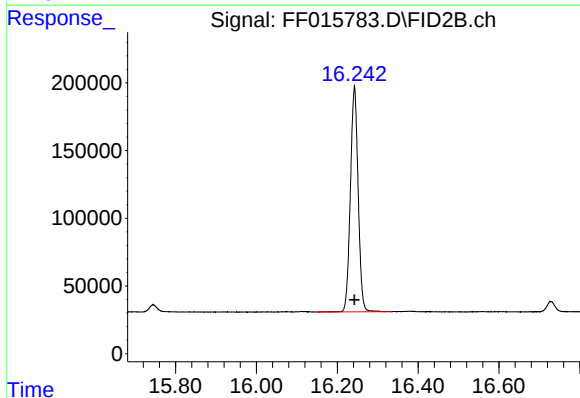
R.T.: 14.117 min
Delta R.T.: 0.000 min
Response: 2262160
Conc: 19.92 ug/ml

Instrument :
FID_F
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20 PPM ALIPHATIC HC STD



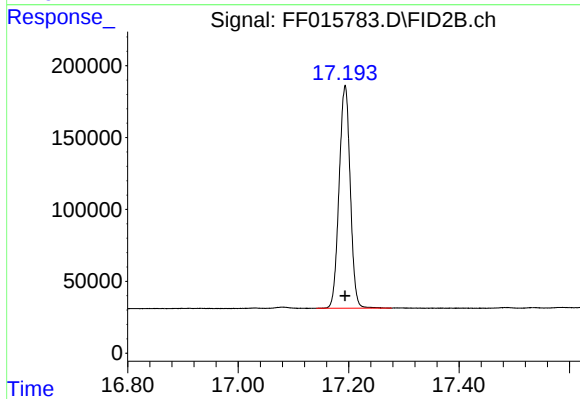
#14 n-Tetracosane (C24)

R.T.: 15.221 min
Delta R.T.: 0.000 min
Response: 2281093
Conc: 19.66 ug/ml



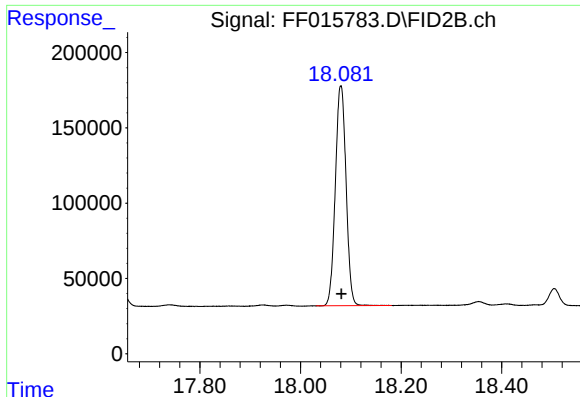
#15 n-Hexacosane (C26)

R.T.: 16.242 min
Delta R.T.: 0.000 min
Response: 2207868
Conc: 19.73 ug/ml



#16 n-Octacosane (C28)

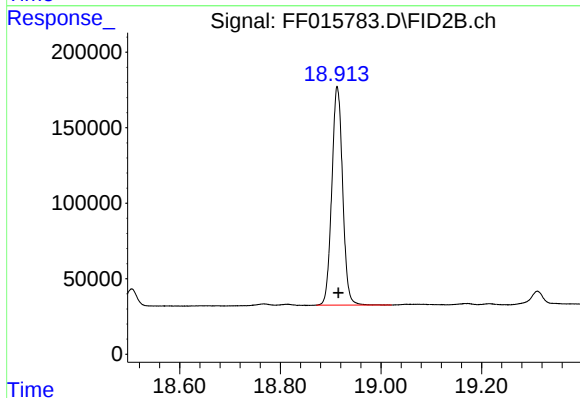
R.T.: 17.193 min
Delta R.T.: 0.000 min
Response: 2161861
Conc: 19.54 ug/ml



#17 n-Tricontane (C30)

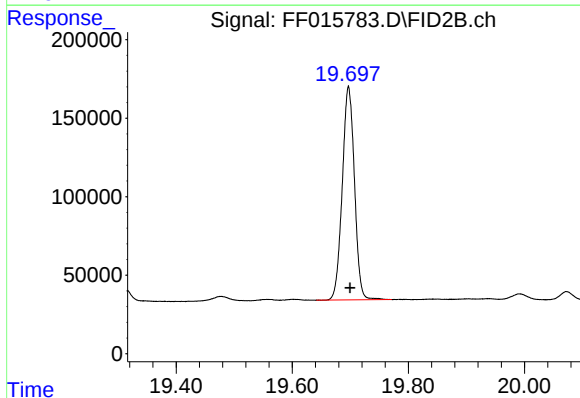
R.T.: 18.080 min
Delta R.T.: -0.001 min
Response: 2157886
Conc: 19.32 ug/ml

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20 PPM ALIPHATIC HC STD



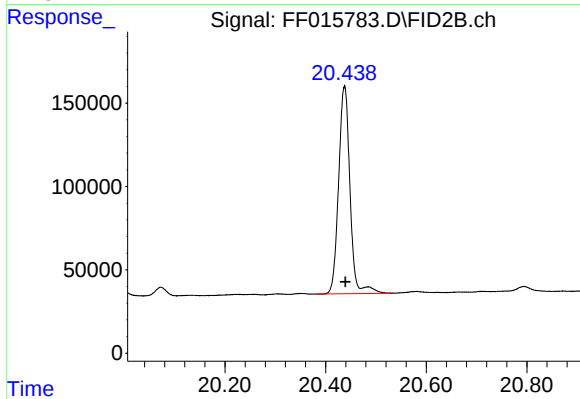
#18 n-Dotriacontane (C32)

R.T.: 18.913 min
Delta R.T.: -0.002 min
Response: 2158132
Conc: 17.91 ug/ml



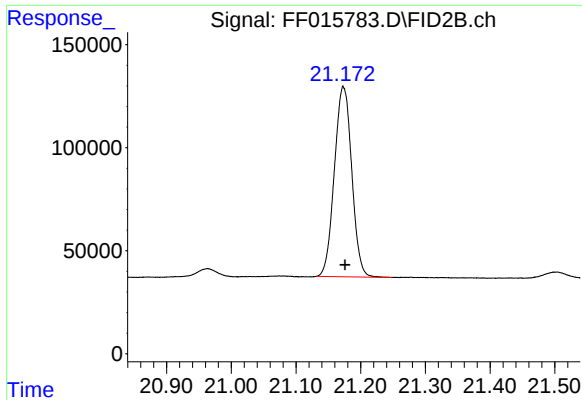
#19 n-Tetratriacontane (C34)

R.T.: 19.697 min
Delta R.T.: -0.003 min
Response: 1983154
Conc: 18.70 ug/ml



#20 n-Hexatriacontane (C36)

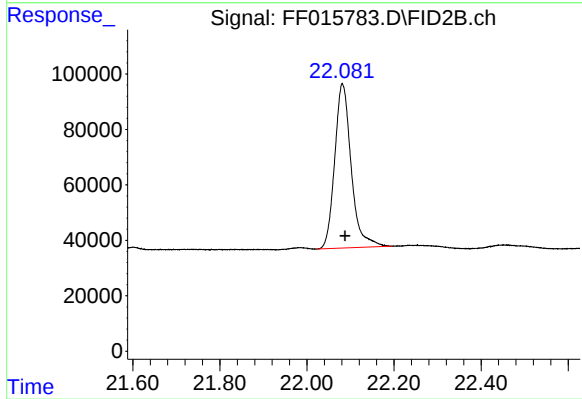
R.T.: 20.437 min
Delta R.T.: -0.002 min
Response: 1954474
Conc: 19.07 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.173 min
Delta R.T.: -0.003 min
Response: 1723508
Conc: 17.78 ug/ml

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20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 22.082 min
Delta R.T.: -0.006 min
Response: 1557541
Conc: 16.33 ug/ml