

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF062723AL\
 Data File : FF013045.D
 Signal(s) : FID2B.ch
 Acq On : 27 Jun 2023 19:31
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 61 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: Jun 28 00:27:49 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aliphatic EPH 062023.M
 Quant Title : GC Extractables
 QLast Update : Tue Jun 20 13:45:06 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)	10.867	2983559	20.220 ug/ml
Spiked Amount 50.000		Recovery =	40.44%
12) S 1-chlorooctadecane (S...	12.297	2218186	20.937 ug/ml
Spiked Amount 50.000		Recovery =	41.87%
Target Compounds			
1) T n-Nonane (C9)	2.741	2341662	19.838 ug/ml
2) T n-Decane (C10)	3.745	2363465	19.842 ug/ml
3) T A~Naphthalene (C11.7)	5.310	2476042	20.134 ug/ml
4) T n-Dodecane (C12)	5.727	2438283	20.207 ug/ml
5) T A~2-methylnaphthalene...	6.358	2284932	20.508 ug/ml
6) T n-Tetradecane (C14)	7.515	2395789	20.438 ug/ml
7) T n-Hexadecane (C16)	9.111	2501665	20.504 ug/ml
8) T n-Octadecane (C18)	10.547	2588107	20.357 ug/ml
10) T n-Eicosane (C20)	11.854	2541007	20.365 ug/ml
11) T n-Heneicosane (C21)	12.463	2508334	20.458 ug/ml
13) T n-Docosane (C22)	13.048	2486954	20.299 ug/ml
14) T n-Tetracosane (C24)	14.148	2457557	20.023 ug/ml
15) T n-Hexacosane (C26)	15.166	2358596	19.606 ug/ml
16) T n-Octacosane (C28)	16.114	2238113	19.033 ug/ml
17) T n-Tricontane (C30)	16.998	2211992	18.574 ug/ml
18) T n-Dotriacontane (C32)	17.830	2140553	18.306 ug/ml
19) T n-Tetratriacontane (C34)	18.610	2064003	18.590 ug/ml
20) T n-Hexatriacontane (C36)	19.349	1992462	18.796 ug/ml
21) T n-Octatriacontane (C38)	20.070	2005664	19.194 ug/ml
22) T n-Tetracontane (C40)	20.948	1888230	19.490 ug/ml

(f)=RT Delta > 1/2 Window

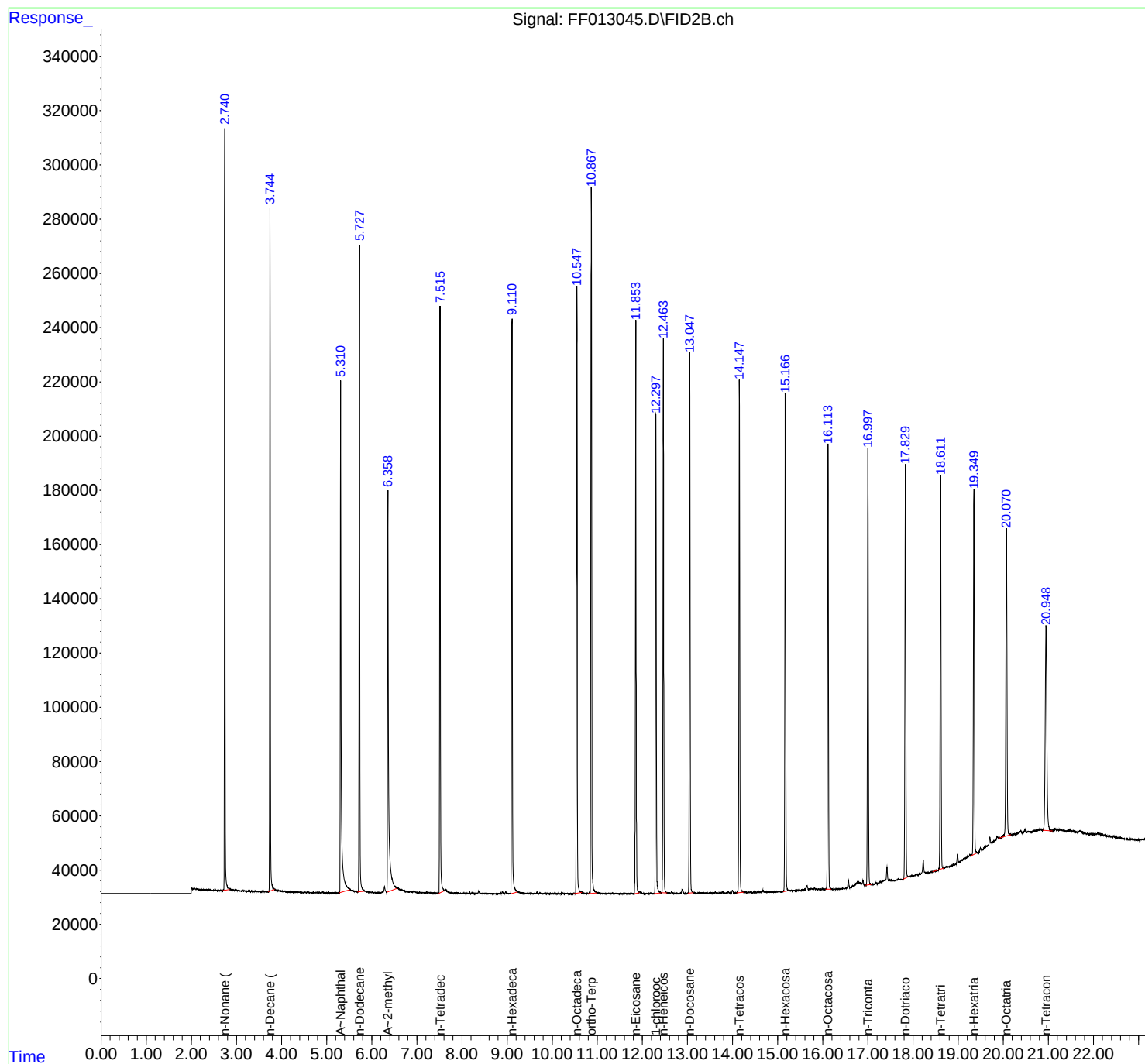
(m)=manual int.

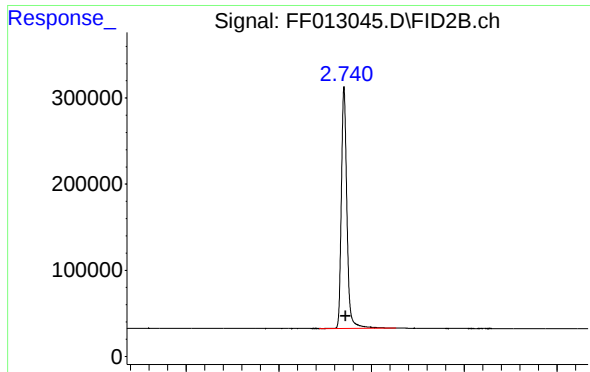
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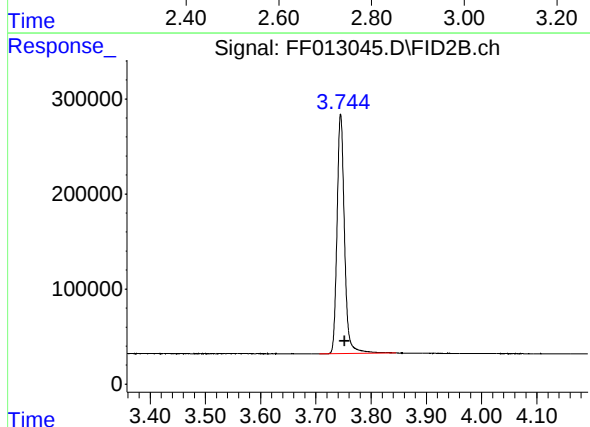




#1 n-Nonane (C9)

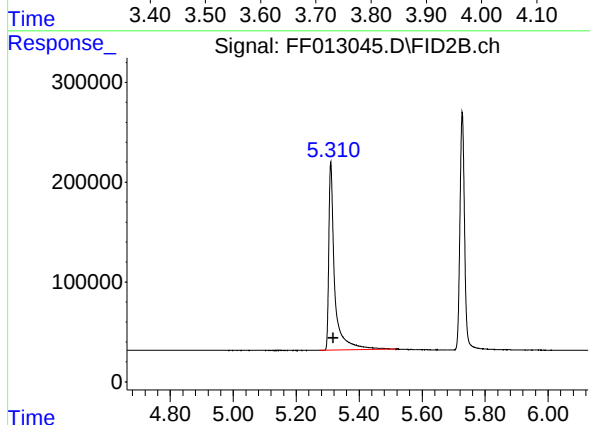
R.T.: 2.741 min
Delta R.T.: -0.003 min
Response: 2341662
Conc: 19.84 ug/ml

Instrument :
FID_F
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20 PPM ALIPHATIC HC STD



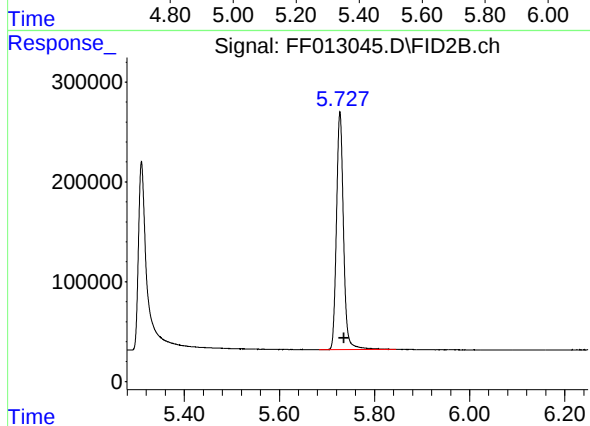
#2 n-Decane (C10)

R.T.: 3.745 min
Delta R.T.: -0.007 min
Response: 2363465
Conc: 19.84 ug/ml



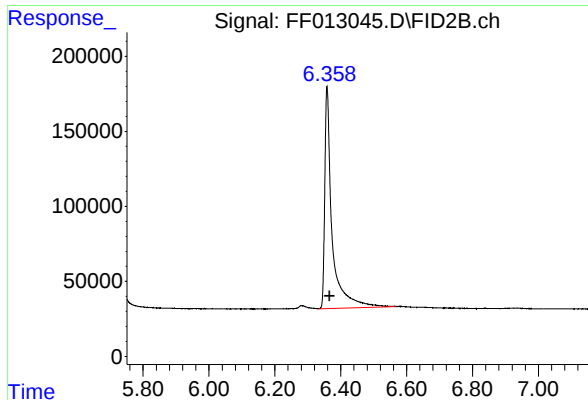
#3 A~Naphthalene (C11.7)

R.T.: 5.310 min
Delta R.T.: -0.007 min
Response: 2476042
Conc: 20.13 ug/ml



#4 n-Dodecane (C12)

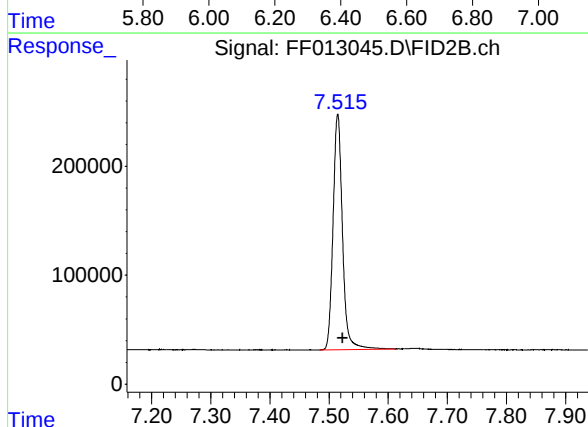
R.T.: 5.727 min
Delta R.T.: -0.009 min
Response: 2438283
Conc: 20.21 ug/ml



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

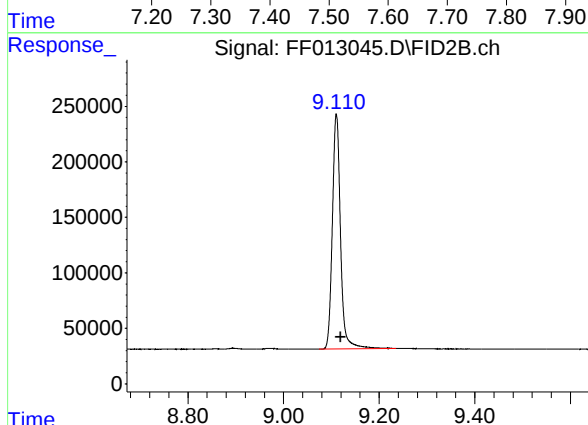
R.T.: 6.358 min
Delta R.T.: -0.007 min
Response: 2284932
Conc: 20.51 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



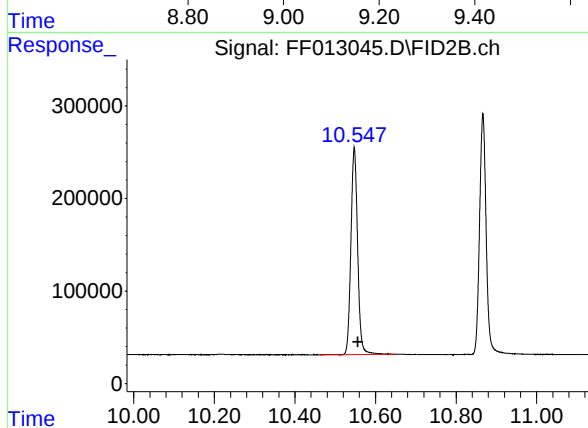
#6 n-Tetradecane (C14)

R.T.: 7.515 min
Delta R.T.: -0.008 min
Response: 2395789
Conc: 20.44 ug/ml



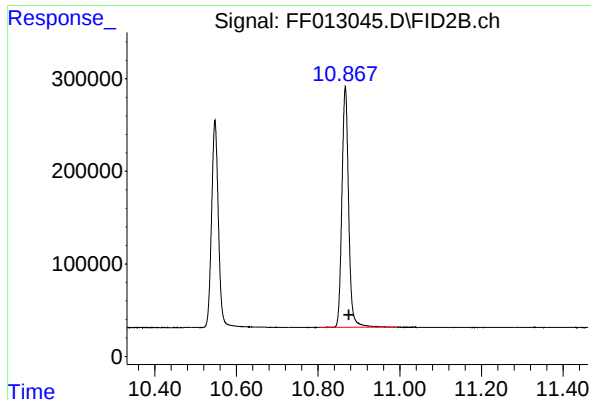
#7 n-Hexadecane (C16)

R.T.: 9.111 min
Delta R.T.: -0.008 min
Response: 2501665
Conc: 20.50 ug/ml



#8 n-Octadecane (C18)

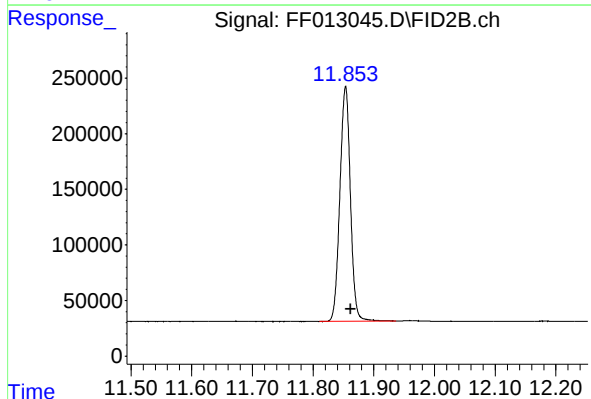
R.T.: 10.547 min
Delta R.T.: -0.009 min
Response: 2588107
Conc: 20.36 ug/ml



#9 ortho-Terphenyl (SURR)

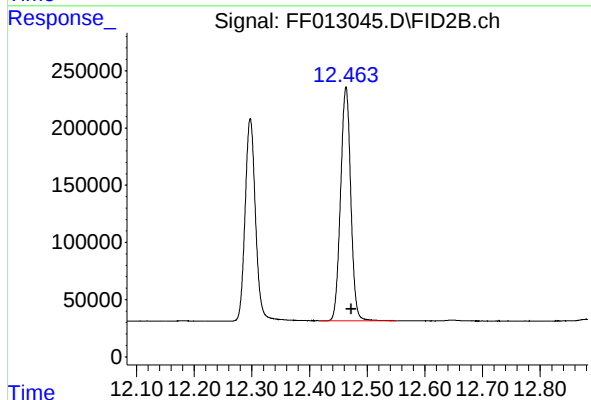
R.T.: 10.867 min
Delta R.T.: -0.009 min
Response: 2983559
Conc: 20.22 ug/ml

Instrument :
FID_F
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20 PPM ALIPHATIC HC STD



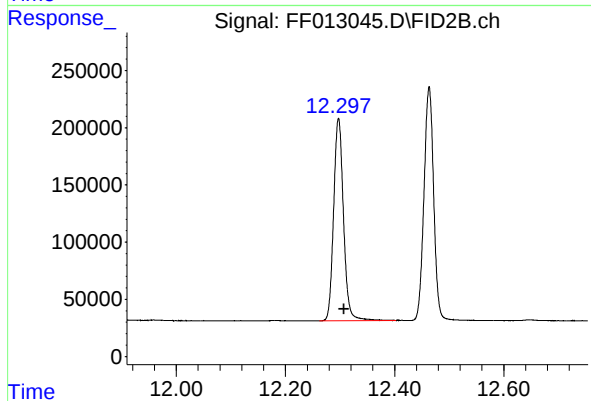
#10 n-Eicosane (C20)

R.T.: 11.854 min
Delta R.T.: -0.008 min
Response: 2541007
Conc: 20.36 ug/ml



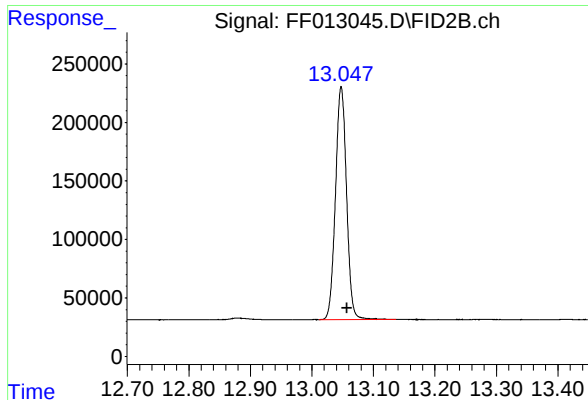
#11 n-Heneicosane (C21)

R.T.: 12.463 min
Delta R.T.: -0.009 min
Response: 2508334
Conc: 20.46 ug/ml



#12 1-chlorooctadecane (SURR)

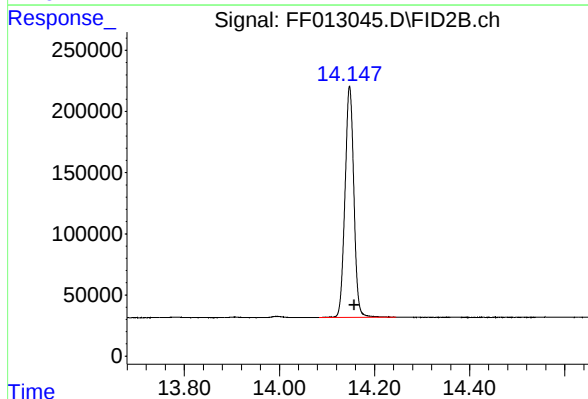
R.T.: 12.297 min
Delta R.T.: -0.010 min
Response: 2218186
Conc: 20.94 ug/ml



#13 n-Docosane (C22)

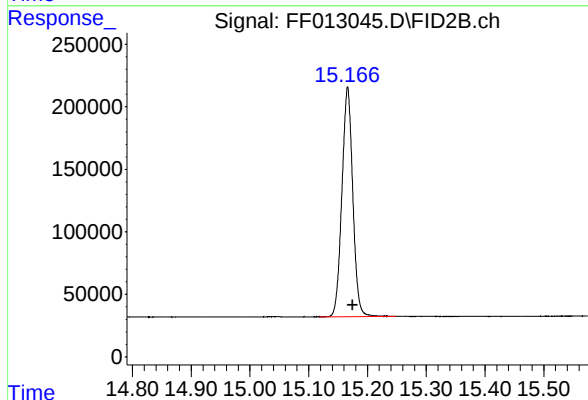
R.T.: 13.048 min
Delta R.T.: -0.009 min
Response: 2486954
Conc: 20.30 ug/ml

Instrument :
FID_F
ClientSampleId :
20 PPM ALIPHATIC HC STD



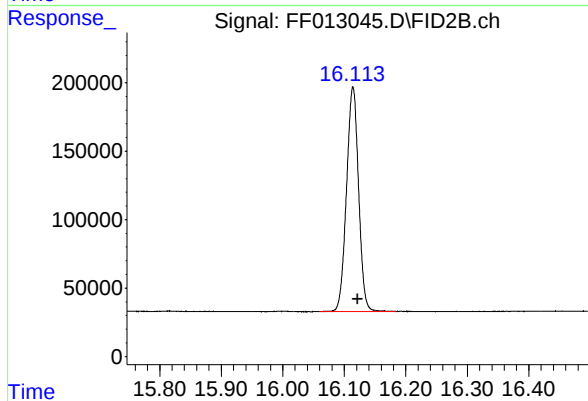
#14 n-Tetracosane (C24)

R.T.: 14.148 min
Delta R.T.: -0.010 min
Response: 2457557
Conc: 20.02 ug/ml



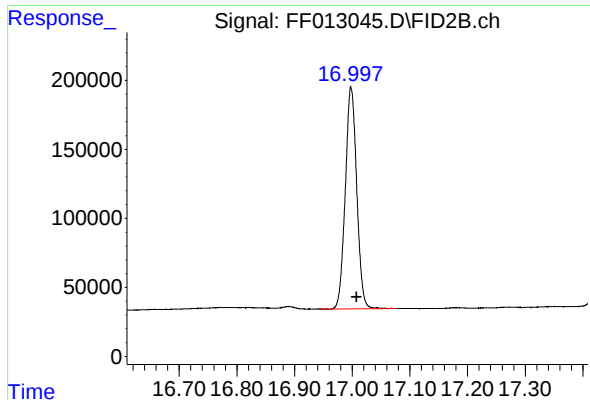
#15 n-Hexacosane (C26)

R.T.: 15.166 min
Delta R.T.: -0.008 min
Response: 2358596
Conc: 19.61 ug/ml



#16 n-Octacosane (C28)

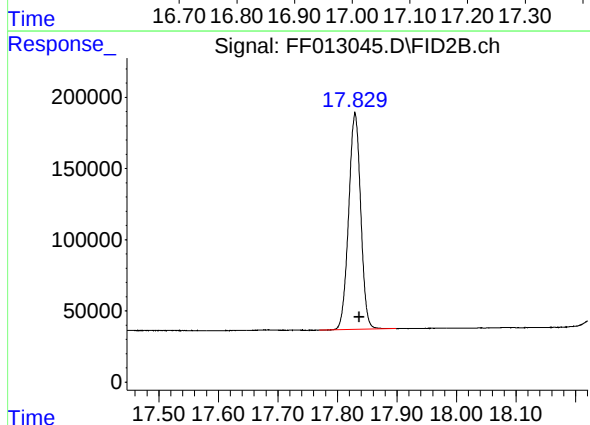
R.T.: 16.114 min
Delta R.T.: -0.008 min
Response: 2238113
Conc: 19.03 ug/ml



#17 n-Tricontane (C30)

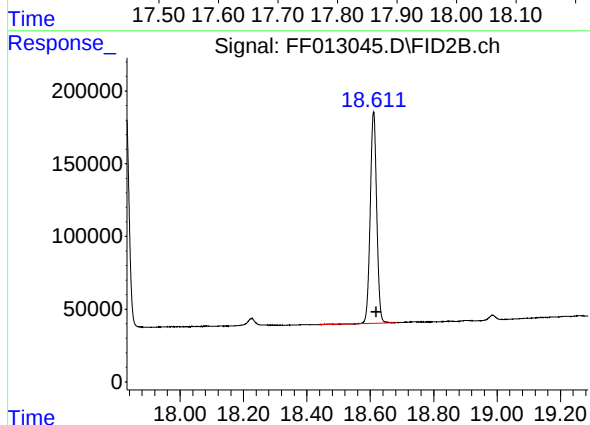
R.T.: 16.998 min
Delta R.T.: -0.010 min
Response: 2211992
Conc: 18.57 ug/ml

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20 PPM ALIPHATIC HC STD



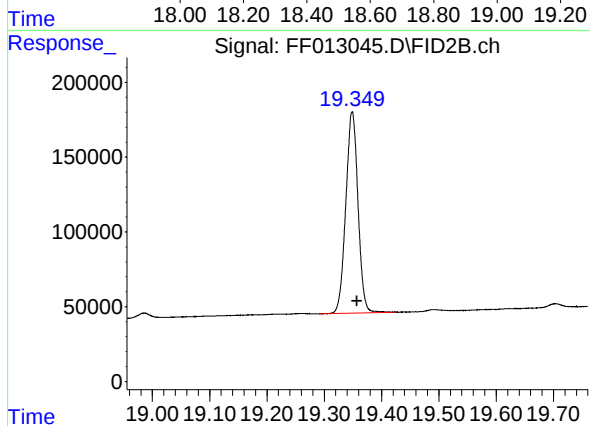
#18 n-Dotriacontane (C32)

R.T.: 17.830 min
Delta R.T.: -0.007 min
Response: 2140553
Conc: 18.31 ug/ml



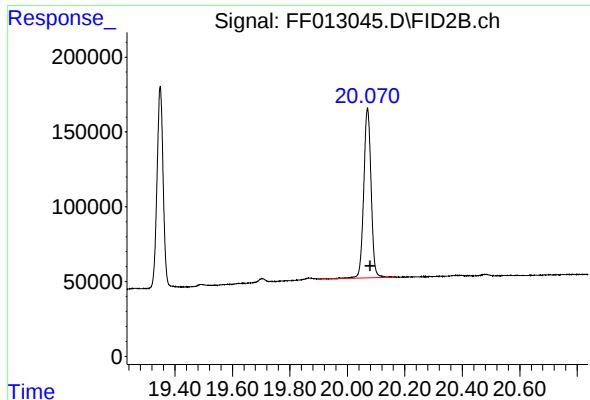
#19 n-Tetatriacontane (C34)

R.T.: 18.610 min
Delta R.T.: -0.009 min
Response: 2064003
Conc: 18.59 ug/ml



#20 n-Hexatriacontane (C36)

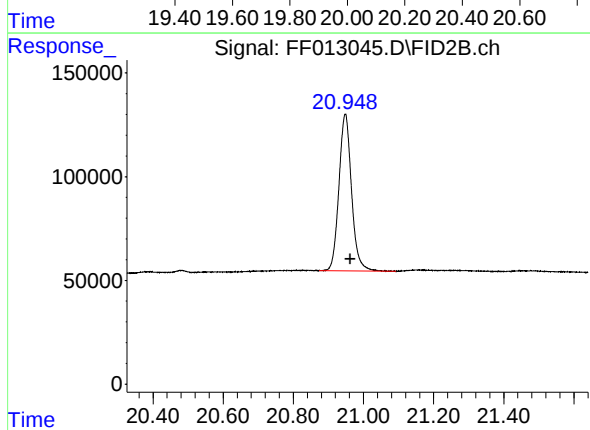
R.T.: 19.349 min
Delta R.T.: -0.008 min
Response: 1992462
Conc: 18.80 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.070 min
Delta R.T.: -0.010 min
Response: 2005664
Conc: 19.19 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 20.948 min
Delta R.T.: -0.015 min
Response: 1888230
Conc: 19.49 ug/ml