

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF101424AL\
 Data File : FF014680.D
 Signal(s) : FID2B.ch
 Acq On : 15 Oct 2024 11:05
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: Oct 16 01:38:48 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aliphatic EPH 100224.M
 Quant Title : GC Extractables
 QLast Update : Wed Oct 02 12:50:54 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)	11.785	3244747	20.925 ug/ml
Spiked Amount 50.000		Recovery =	41.85%
12) S 1-chlorooctadecane (S...	13.228	2474324	20.649 ug/ml
Spiked Amount 50.000		Recovery =	41.30%
Target Compounds			
1) T n-Nonane (C9)	3.192	2678275	21.299 ug/ml
2) T n-Decane (C10)	4.439	2722437	21.377 ug/ml
3) T A~Naphthalene (C11.7)	6.132	2859412	21.661 ug/ml
4) T n-Dodecane (C12)	6.605	2782752	21.565 ug/ml
5) T A~2-methylnaphthalene...	7.227	2667789	21.862 ug/ml
6) T n-Tetradecane (C14)	8.431	2759854	21.492 ug/ml
7) T n-Hexadecane (C16)	10.036	2828167	21.495 ug/ml
8) T n-Octadecane (C18)	11.477	2941824	21.356 ug/ml
10) T n-Eicosane (C20)	12.786	2889893	20.788 ug/ml
11) T n-Heneicosane (C21)	13.396	2864365	20.621 ug/ml
13) T n-Docosane (C22)	13.982	2842758	20.230 ug/ml
14) T n-Tetracosane (C24)	15.083	2819830	19.585 ug/ml
15) T n-Hexacosane (C26)	16.103	2755747	18.972 ug/ml
16) T n-Octacosane (C28)	17.051	2672337	18.070 ug/ml
17) T n-Tricontane (C30)	17.938	2662289	17.055 ug/ml
18) T n-Dotriacontane (C32)	18.768	2527982	16.498 ug/ml
19) T n-Tetratriacontane (C34)	19.549	2156681	16.731 ug/ml
20) T n-Hexatriacontane (C36)	20.288	1813891	17.521 ug/ml
21) T n-Octatriacontane (C38)	21.003	1570806	17.498 ug/ml
22) T n-Tetracontane (C40)	21.864	1278466	16.335 ug/ml

(f)=RT Delta > 1/2 Window

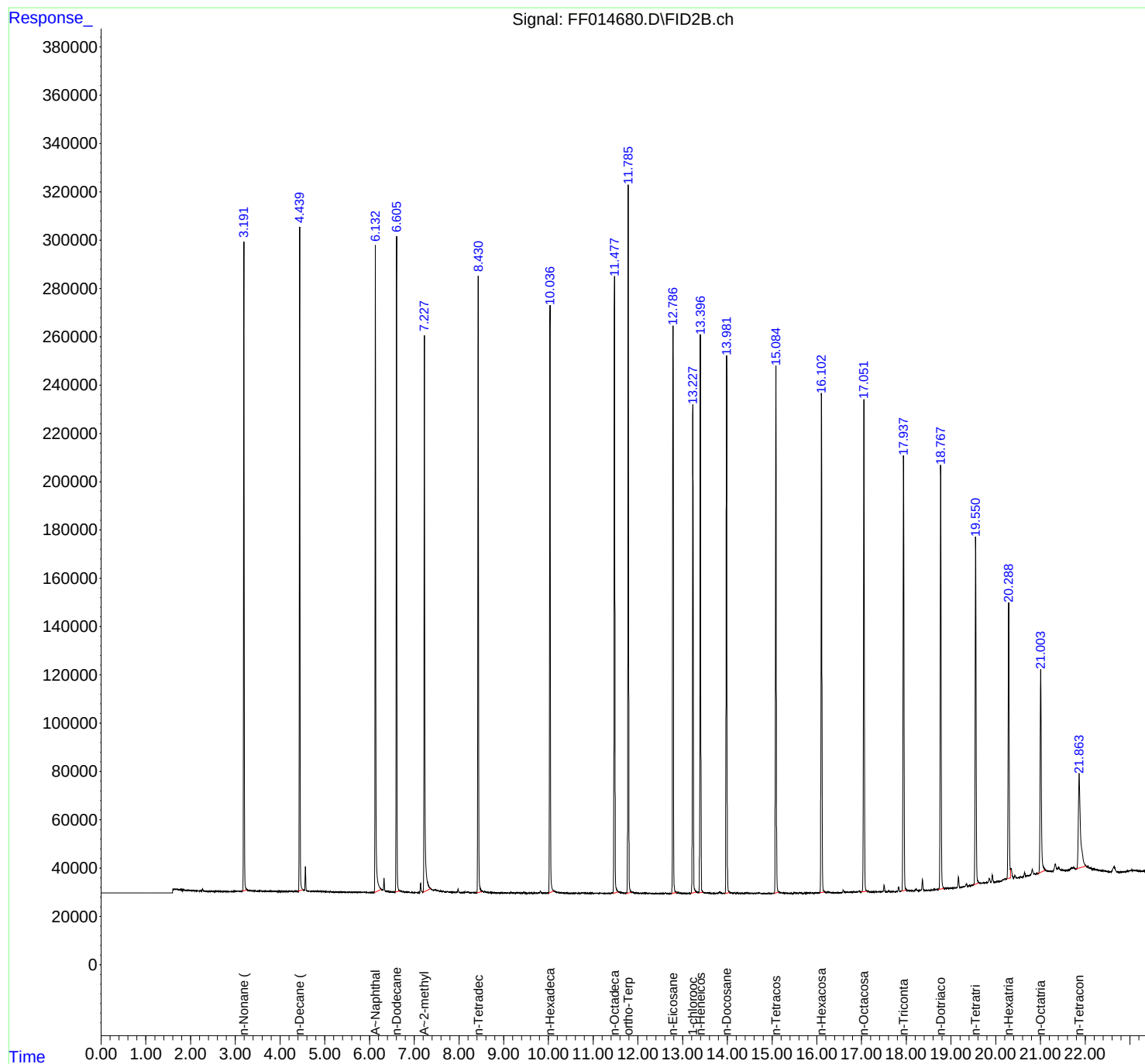
(m)=manual int.

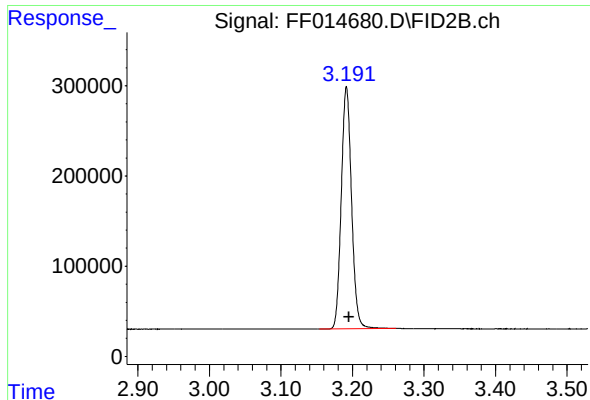
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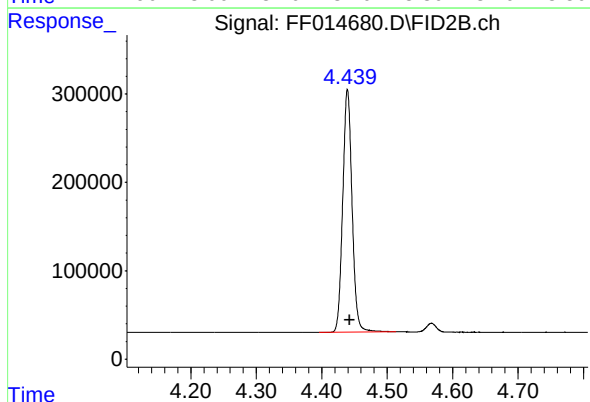




#1 n-Nonane (C9)

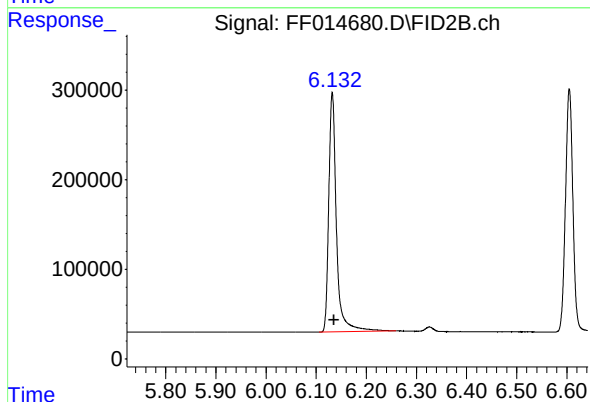
R.T.: 3.192 min
Delta R.T.: -0.003 min
Response: 2678275
Conc: 21.30 ug/ml

Instrument :
FID_F
ClientSampleId :
20 PPM ALIPHATIC HC STD



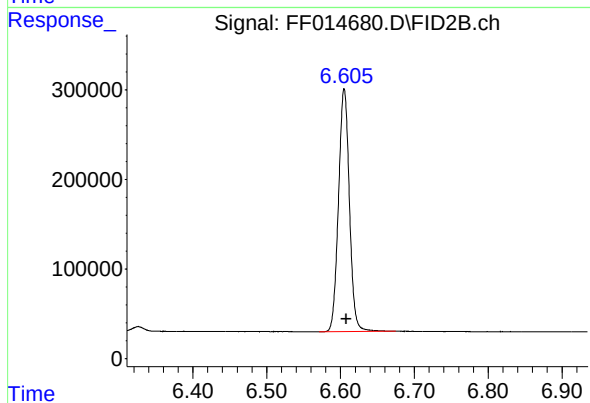
#2 n-Decane (C10)

R.T.: 4.439 min
Delta R.T.: -0.004 min
Response: 2722437
Conc: 21.38 ug/ml



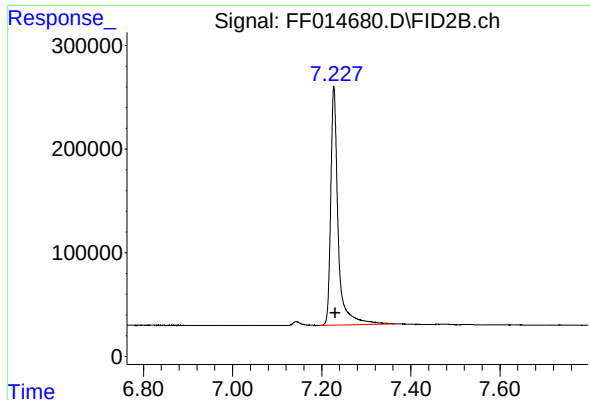
#3 A~Naphthalene (C11.7)

R.T.: 6.132 min
Delta R.T.: -0.004 min
Response: 2859412
Conc: 21.66 ug/ml



#4 n-Dodecane (C12)

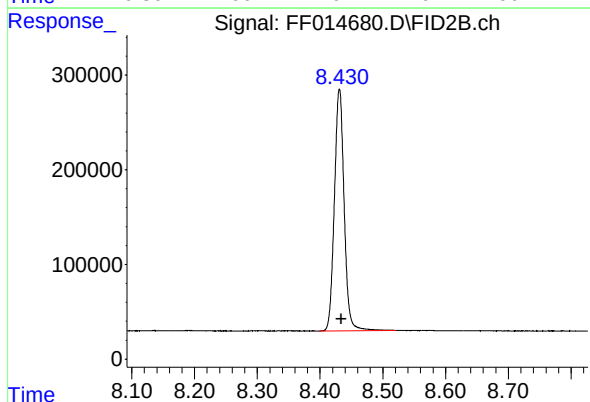
R.T.: 6.605 min
Delta R.T.: -0.003 min
Response: 2782752
Conc: 21.56 ug/ml



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

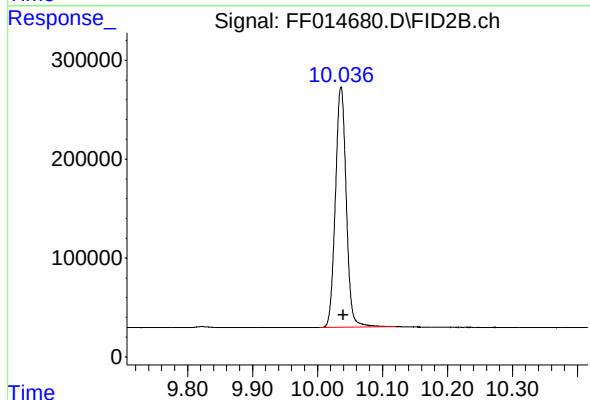
R.T.: 7.227 min
Delta R.T.: -0.003 min
Response: 2667789
Conc: 21.86 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



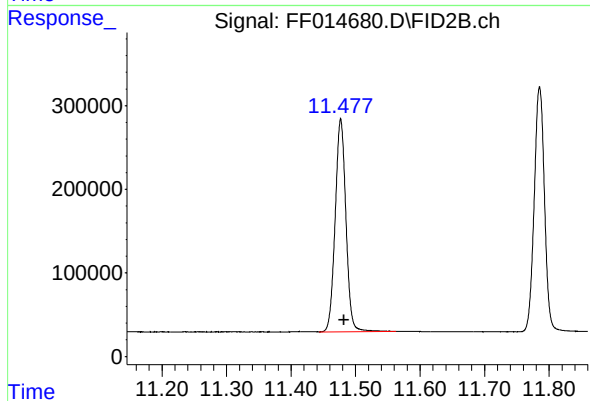
#6 n-Tetradecane (C14)

R.T.: 8.431 min
Delta R.T.: -0.003 min
Response: 2759854
Conc: 21.49 ug/ml



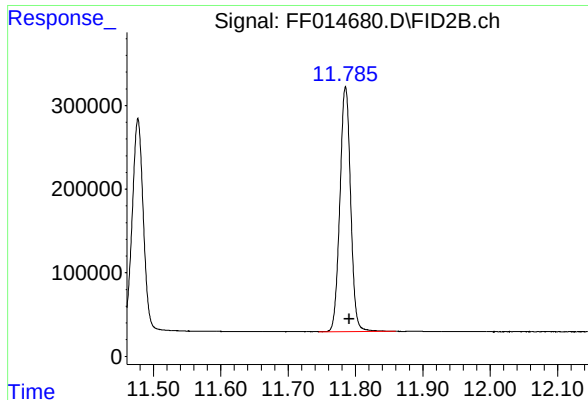
#7 n-Hexadecane (C16)

R.T.: 10.036 min
Delta R.T.: -0.004 min
Response: 2828167
Conc: 21.49 ug/ml



#8 n-Octadecane (C18)

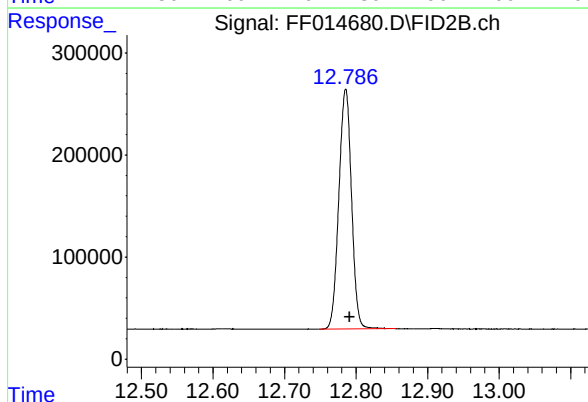
R.T.: 11.477 min
Delta R.T.: -0.005 min
Response: 2941824
Conc: 21.36 ug/ml



#9 ortho-Terphenyl (SURR)

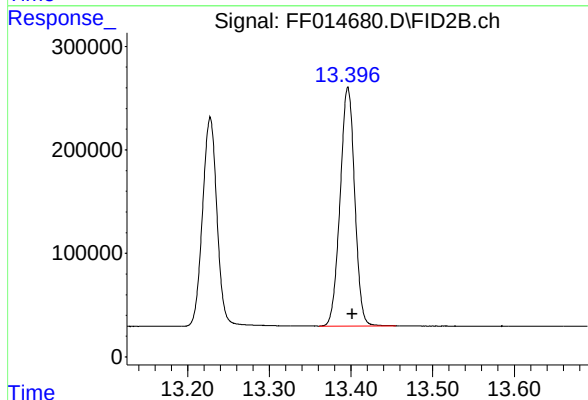
R.T.: 11.785 min
Delta R.T.: -0.005 min
Response: 3244747
Conc: 20.93 ug/ml

Instrument :
FID_F
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20 PPM ALIPHATIC HC STD



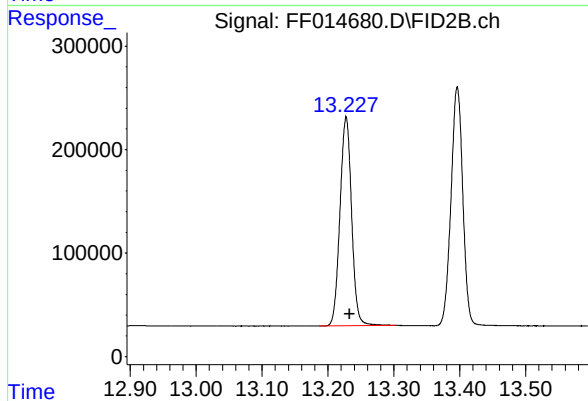
#10 n-Eicosane (C20)

R.T.: 12.786 min
Delta R.T.: -0.006 min
Response: 2889893
Conc: 20.79 ug/ml



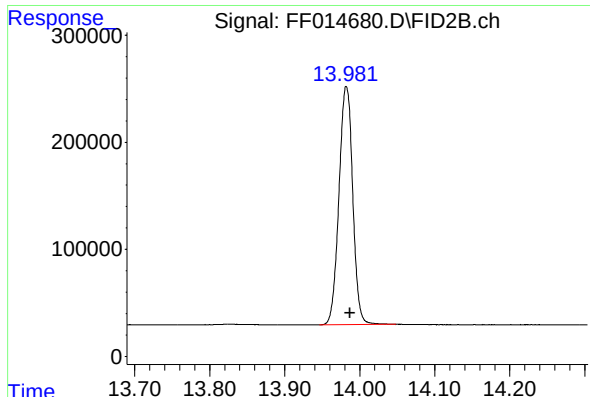
#11 n-Heneicosane (C21)

R.T.: 13.396 min
Delta R.T.: -0.006 min
Response: 2864365
Conc: 20.62 ug/ml



#12 1-chlorooctadecane (SURR)

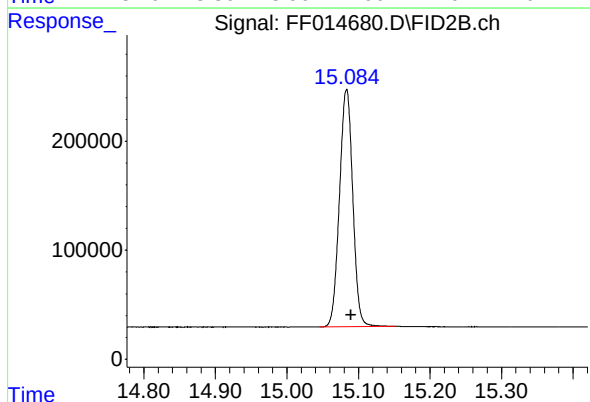
R.T.: 13.228 min
Delta R.T.: -0.005 min
Response: 2474324
Conc: 20.65 ug/ml



#13 n-Docosane (C22)

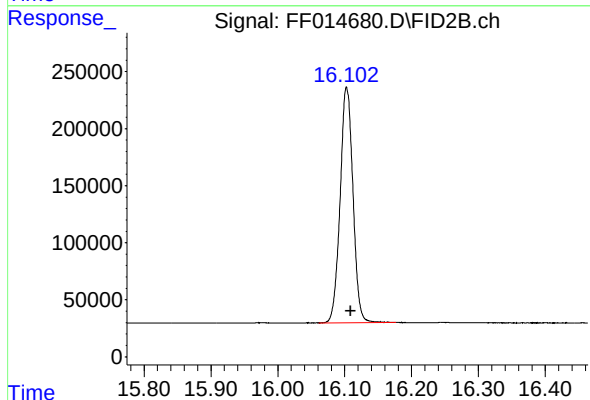
R.T.: 13.982 min
Delta R.T.: -0.005 min
Response: 2842758
Conc: 20.23 ug/ml

Instrument :
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ClientSampleId :
20 PPM ALIPHATIC HC STD



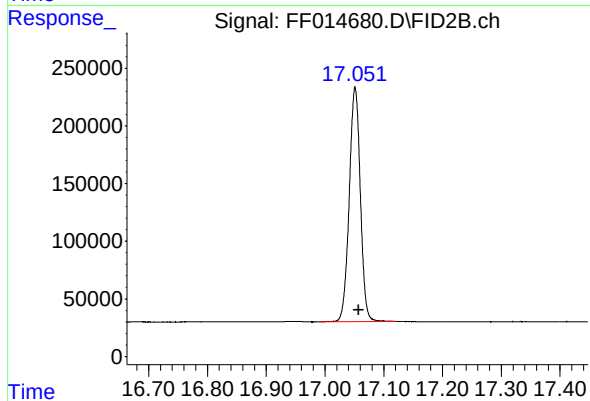
#14 n-Tetracosane (C24)

R.T.: 15.083 min
Delta R.T.: -0.006 min
Response: 2819830
Conc: 19.59 ug/ml



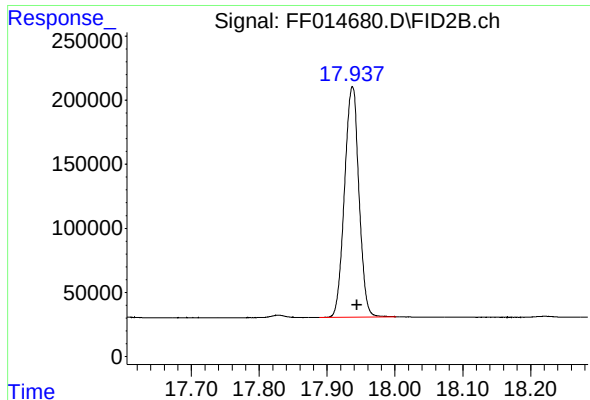
#15 n-Hexacosane (C26)

R.T.: 16.103 min
Delta R.T.: -0.006 min
Response: 2755747
Conc: 18.97 ug/ml



#16 n-Octacosane (C28)

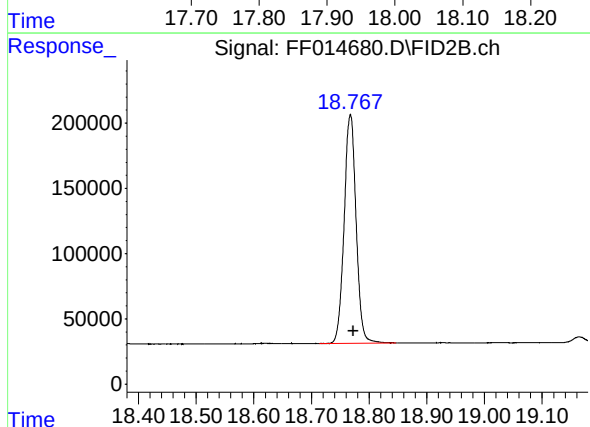
R.T.: 17.051 min
Delta R.T.: -0.006 min
Response: 2672337
Conc: 18.07 ug/ml



#17 n-Tricontane (C30)

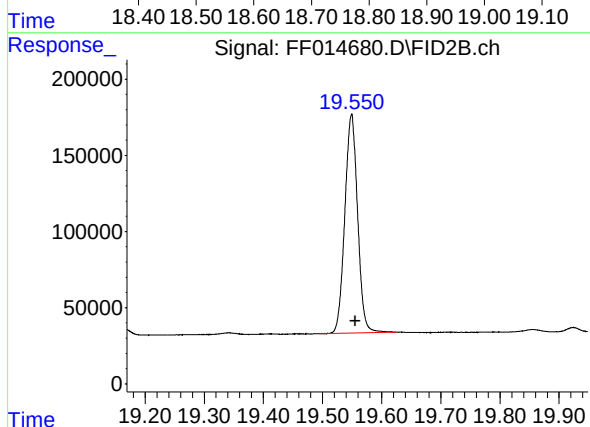
R.T.: 17.938 min
Delta R.T.: -0.006 min
Response: 2662289
Conc: 17.05 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



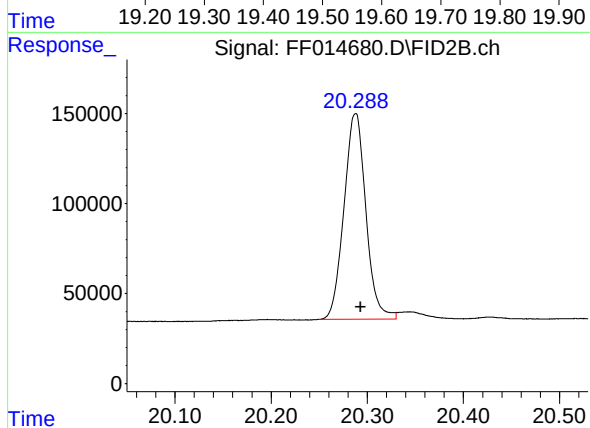
#18 n-Dotriacontane (C32)

R.T.: 18.768 min
Delta R.T.: -0.005 min
Response: 2527982
Conc: 16.50 ug/ml



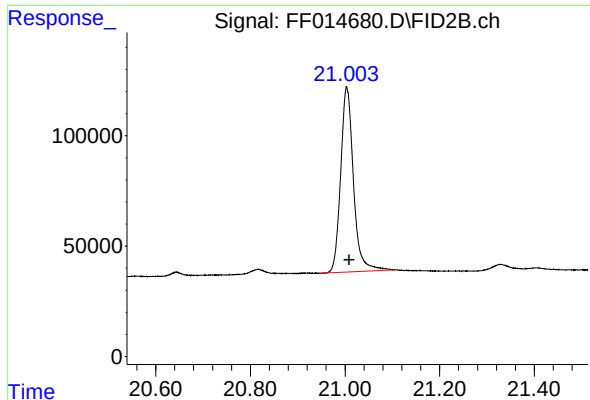
#19 n-Tetratriacontane (C34)

R.T.: 19.549 min
Delta R.T.: -0.006 min
Response: 2156681
Conc: 16.73 ug/ml



#20 n-Hexatriacontane (C36)

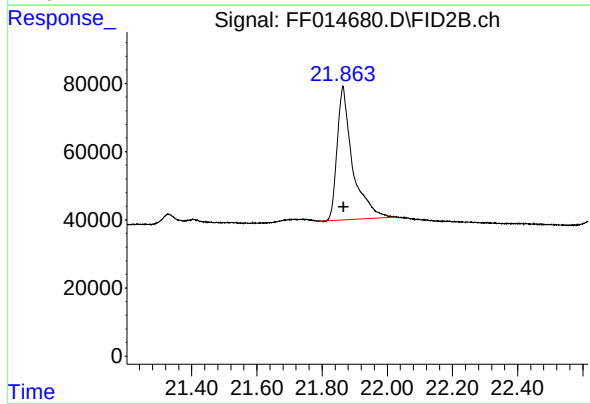
R.T.: 20.288 min
Delta R.T.: -0.005 min
Response: 1813891
Conc: 17.52 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.003 min
Delta R.T.: -0.005 min
Response: 1570806
Conc: 17.50 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.864 min
Delta R.T.: -0.002 min
Response: 1278466
Conc: 16.33 ug/ml