

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF082222AL\
 Data File : FF011286.D
 Signal(s) : FID2B.ch
 Acq On : 22 Aug 2022 19:11
 Operator : YP\AJ
 Sample : 50 PPM ALIPHATIC HC STD2
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 50 PPM ALIPHATIC HC STD2

Integration File: autoint1.e
 Quant Time: Aug 23 02:59:32 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aliphatic EPH -FF082222.M
 Quant Title : GC Extractables
 QLast Update : Tue Aug 23 02:53:32 2022
 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)	10.698	6255953	48.907 ug/ml
Spiked Amount 50.000		Recovery =	97.81%
12) S 1-chlorooctadecane (S...	12.141	4902956	48.974 ug/ml
Spiked Amount 50.000		Recovery =	97.95%
Target Compounds			
1) T n-Nonane (C9)	2.599	5851961	48.799 ug/ml
2) T n-Decane (C10)	3.595	5845946	48.830 ug/ml
3) T A~Naphthalene (C11.7)	5.136	6345858	48.922 ug/ml
4) T n-Dodecane (C12)	5.572	5917782	48.854 ug/ml
5) T A~2-methylnaphthalene...	6.182	6296725	48.895 ug/ml
6) T n-Tetradecane (C14)	7.358	5903567	48.841 ug/ml
7) T n-Hexadecane (C16)	8.954	5828565	48.913 ug/ml
8) T n-Octadecane (C18)	10.393	5810730	48.929 ug/ml
10) T n-Eicosane (C20)	11.699	5620924	48.910 ug/ml
11) T n-Heneicosane (C21)	12.310	5582727	48.952 ug/ml
13) T n-Docosane (C22)	12.896	5488394	48.957 ug/ml
14) T n-Tetracosane (C24)	13.997	5360176	48.905 ug/ml
15) T n-Hexacosane (C26)	15.016	5190394	48.921 ug/ml
16) T n-Octacosane (C28)	15.964	5083925	48.877 ug/ml
17) T n-Tricontane (C30)	16.848	4799092	48.788 ug/ml
18) T n-Dotriacontane (C32)	17.679	3897699	48.642 ug/ml
19) T n-Tetratriacontane (C34)	18.459	2864574	48.606 ug/ml
20) T n-Hexatriacontane (C36)	19.195	2197641	48.488 ug/mlm
21) T n-Octatriacontane (C38)	19.898	1872248	48.456 ug/ml
22) T n-Tetracontane (C40)	20.714	1738853	48.082 ug/ml

(f)=RT Delta > 1/2 Window

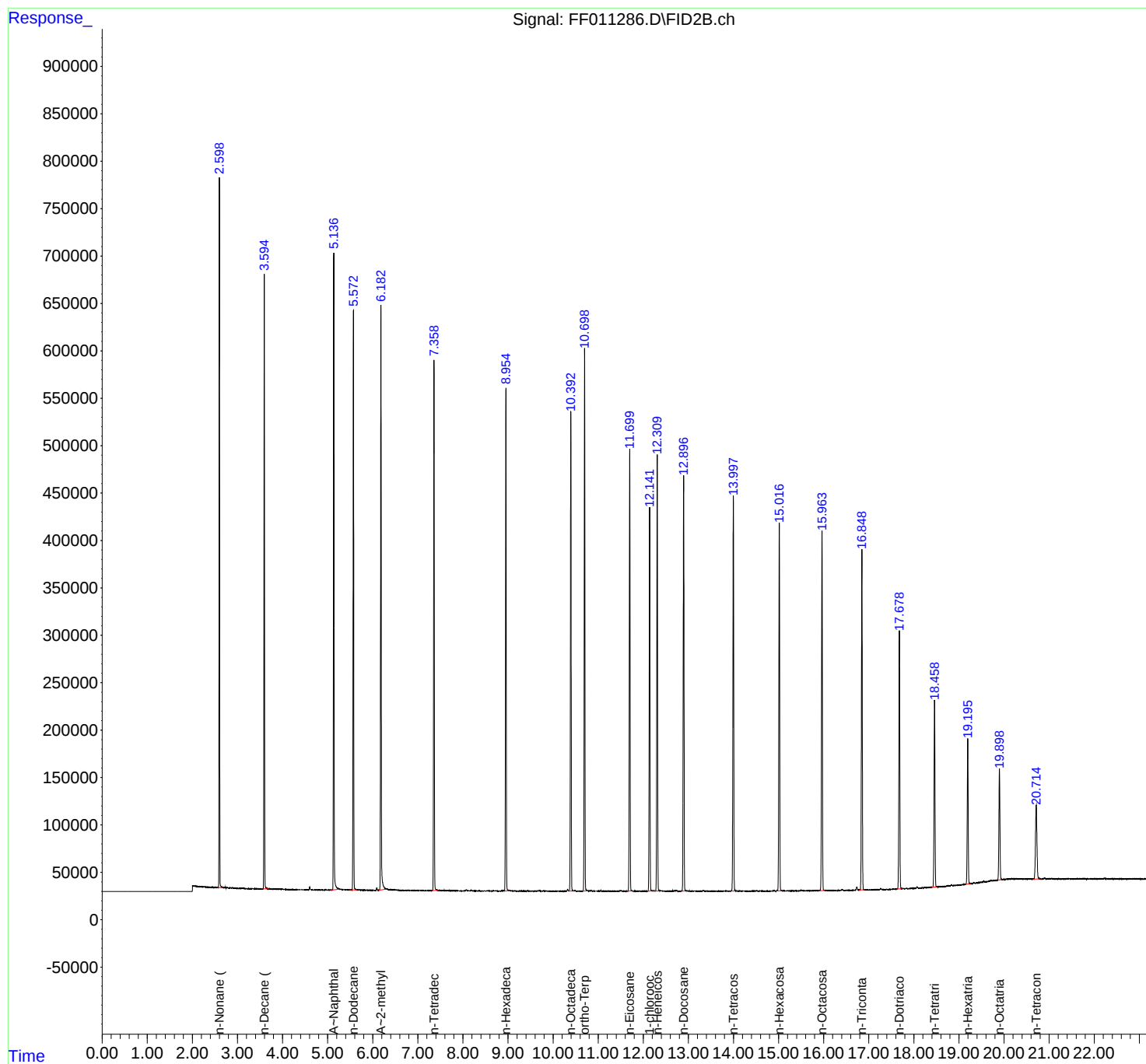
(m)=manual int.

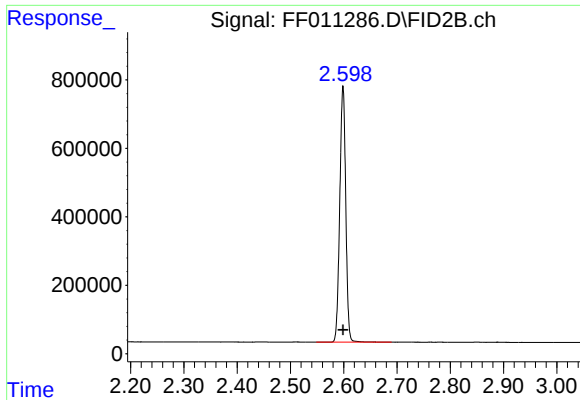
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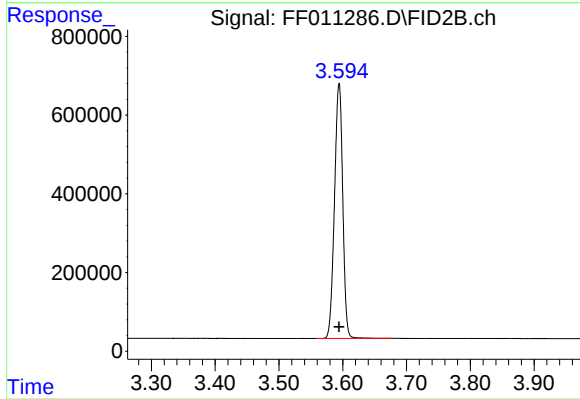




#1 n-Nonane (C9)

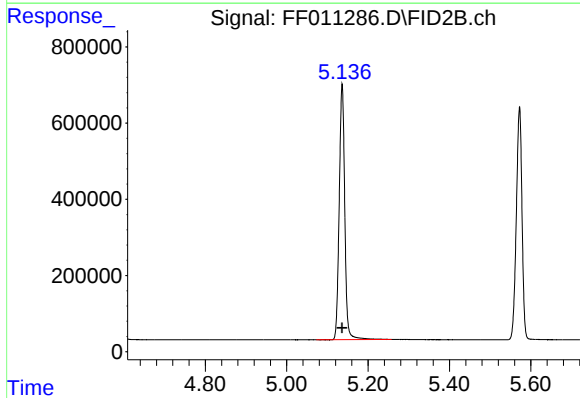
R.T.: 2.599 min
Delta R.T.: 0.000 min
Response: 5851961
Conc: 48.80 ug/ml

Instrument :
FID_F
ClientSampleId :
50 PPM ALIPHATIC HC STD2



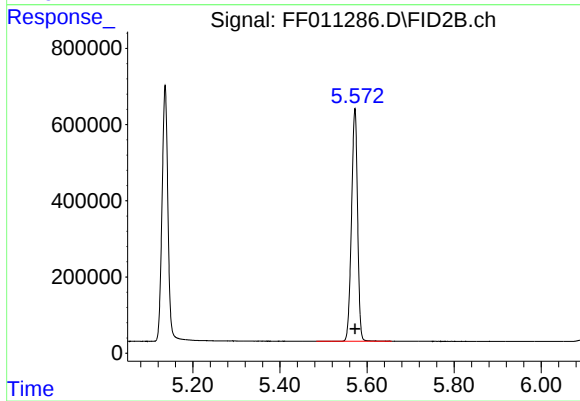
#2 n-Decane (C10)

R.T.: 3.595 min
Delta R.T.: 0.000 min
Response: 5845946
Conc: 48.83 ug/ml



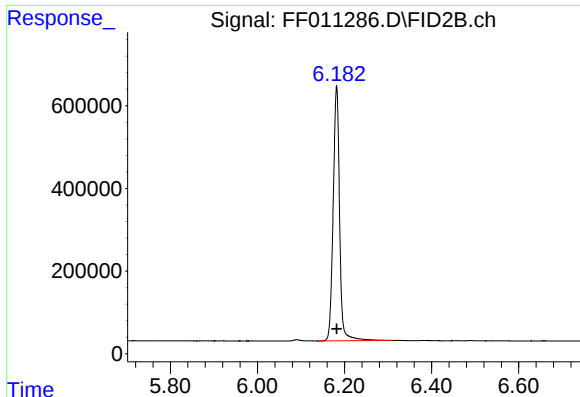
#3 A~Naphthalene (C11.7)

R.T.: 5.136 min
Delta R.T.: 0.000 min
Response: 6345858
Conc: 48.92 ug/ml



#4 n-Dodecane (C12)

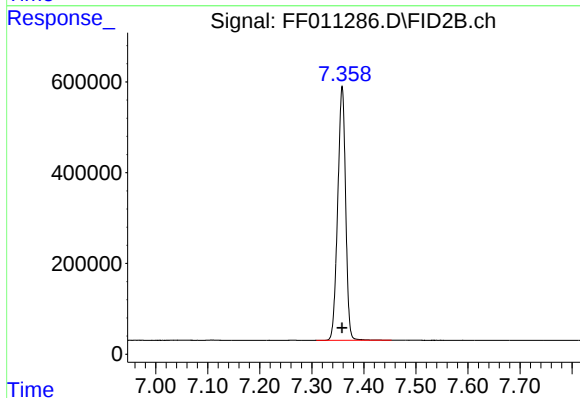
R.T.: 5.572 min
Delta R.T.: 0.000 min
Response: 5917782
Conc: 48.85 ug/ml



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

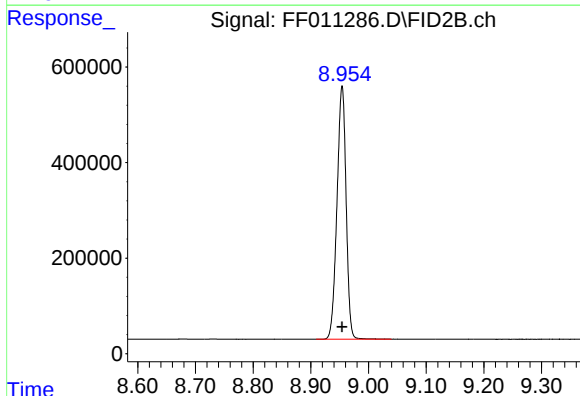
R.T.: 6.182 min
Delta R.T.: 0.000 min
Response: 6296725
Conc: 48.89 ug/ml

Instrument :
FID_F
ClientSampleId :
50 PPM ALIPHATIC HC STD2



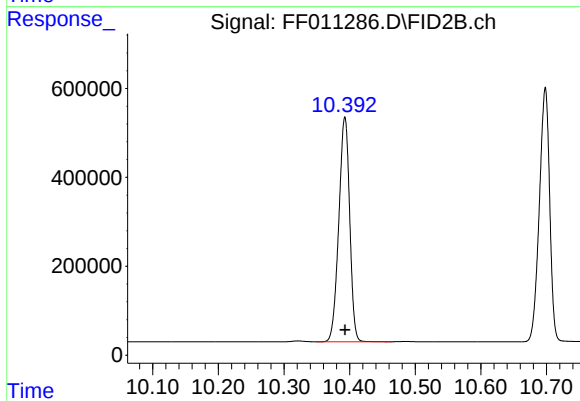
#6 n-Tetradecane (C14)

R.T.: 7.358 min
Delta R.T.: 0.000 min
Response: 5903567
Conc: 48.84 ug/ml



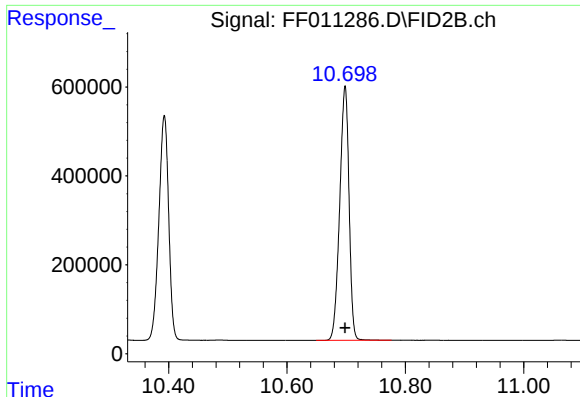
#7 n-Hexadecane (C16)

R.T.: 8.954 min
Delta R.T.: 0.000 min
Response: 5828565
Conc: 48.91 ug/ml



#8 n-Octadecane (C18)

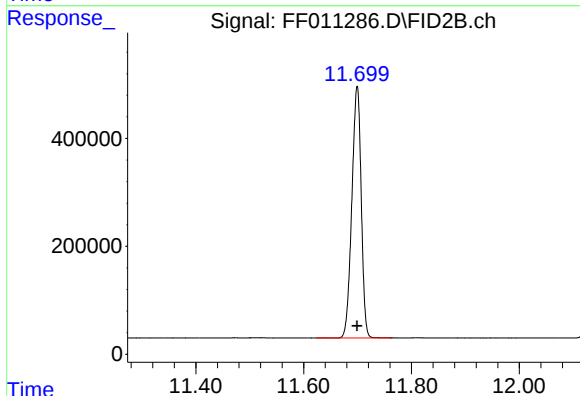
R.T.: 10.393 min
Delta R.T.: 0.000 min
Response: 5810730
Conc: 48.93 ug/ml



#9 ortho-Terphenyl (SURR)

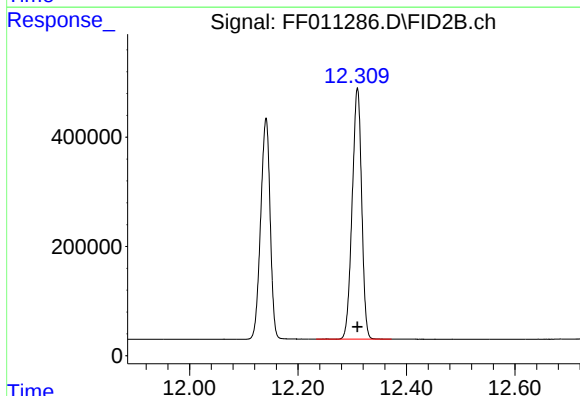
R.T.: 10.698 min
Delta R.T.: 0.000 min
Response: 6255953
Conc: 48.91 ug/ml

Instrument :
FID_F
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50 PPM ALIPHATIC HC STD2



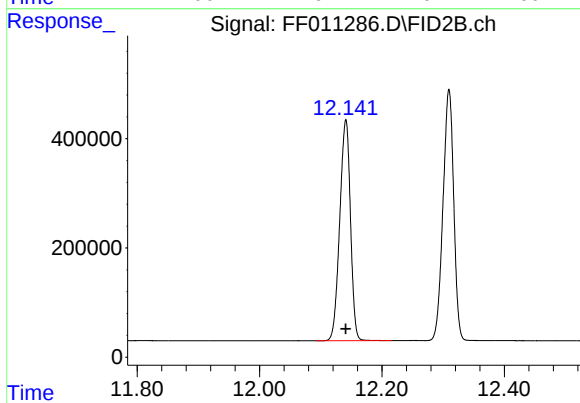
#10 n-Eicosane (C20)

R.T.: 11.699 min
Delta R.T.: 0.000 min
Response: 5620924
Conc: 48.91 ug/ml



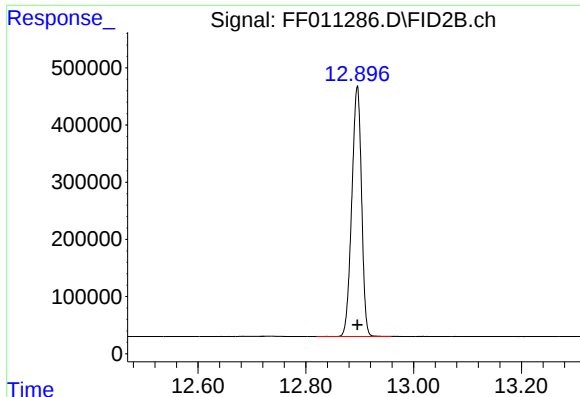
#11 n-Heneicosane (C21)

R.T.: 12.310 min
Delta R.T.: 0.000 min
Response: 5582727
Conc: 48.95 ug/ml



#12 1-chlorooctadecane (SURR)

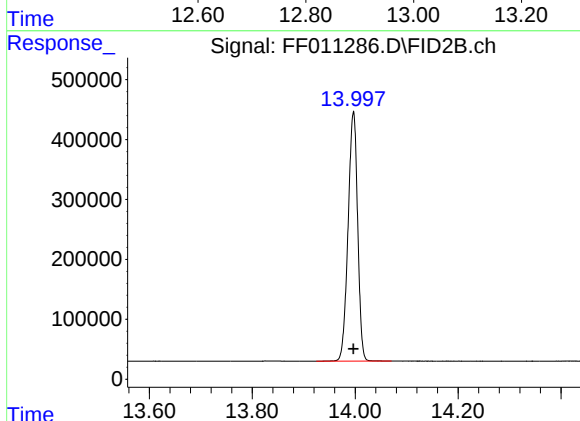
R.T.: 12.141 min
Delta R.T.: 0.000 min
Response: 4902956
Conc: 48.97 ug/ml



#13 n-Docosane (C22)

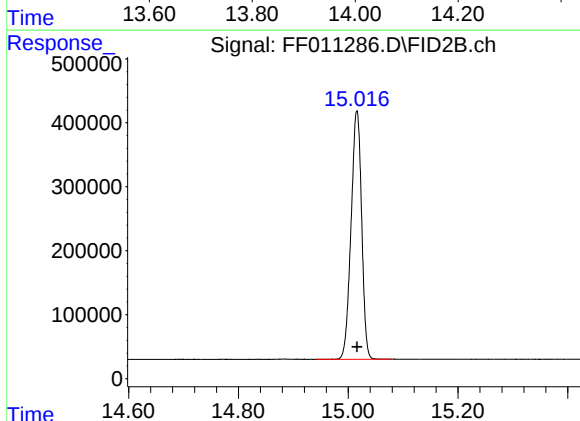
R.T.: 12.896 min
Delta R.T.: 0.000 min
Response: 5488394
Conc: 48.96 ug/ml

Instrument :
FID_F
ClientSampleId :
50 PPM ALIPHATIC HC STD2



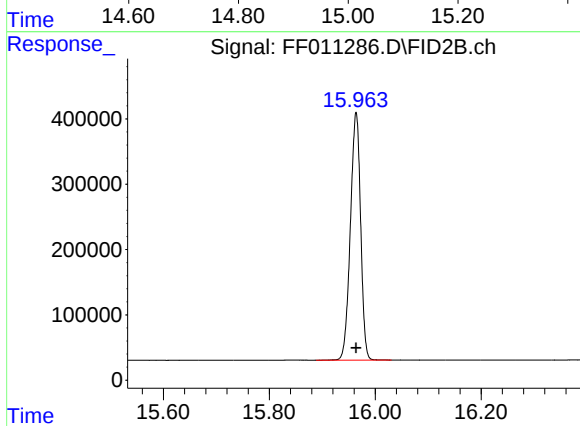
#14 n-Tetracosane (C24)

R.T.: 13.997 min
Delta R.T.: 0.000 min
Response: 5360176
Conc: 48.91 ug/ml



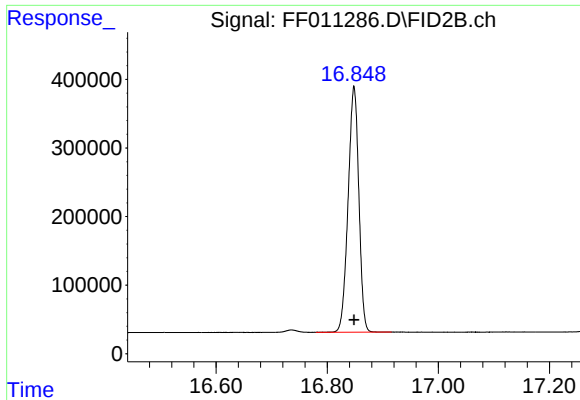
#15 n-Hexacosane (C26)

R.T.: 15.016 min
Delta R.T.: 0.000 min
Response: 5190394
Conc: 48.92 ug/ml



#16 n-Octacosane (C28)

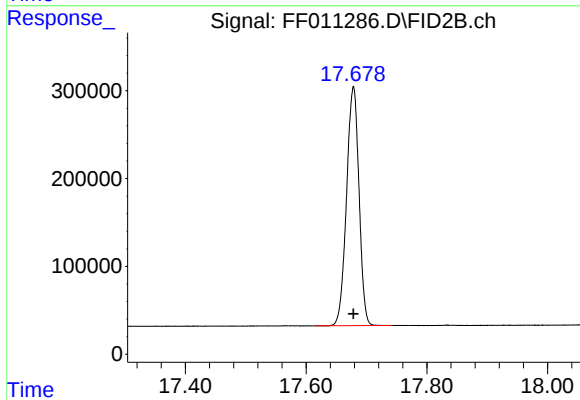
R.T.: 15.964 min
Delta R.T.: 0.000 min
Response: 5083925
Conc: 48.88 ug/ml



#17 n-Tricontane (C30)

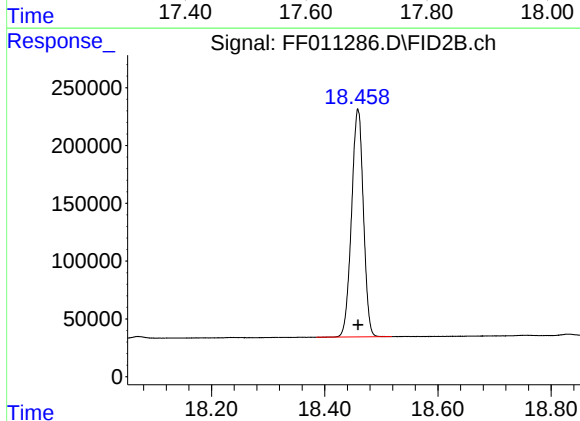
R.T.: 16.848 min
Delta R.T.: 0.000 min
Response: 4799092
Conc: 48.79 ug/ml

Instrument :
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50 PPM ALIPHATIC HC STD2



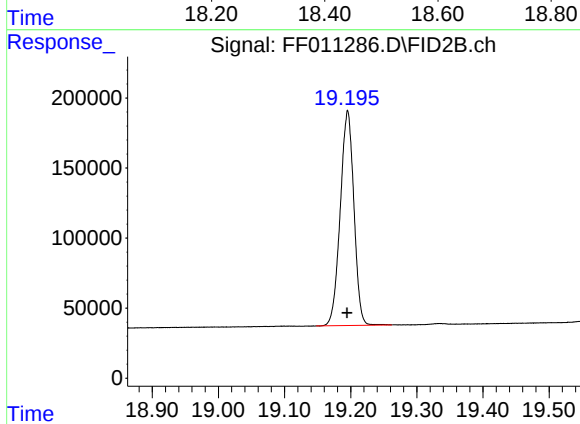
#18 n-Dotriacontane (C32)

R.T.: 17.679 min
Delta R.T.: 0.000 min
Response: 3897699
Conc: 48.64 ug/ml



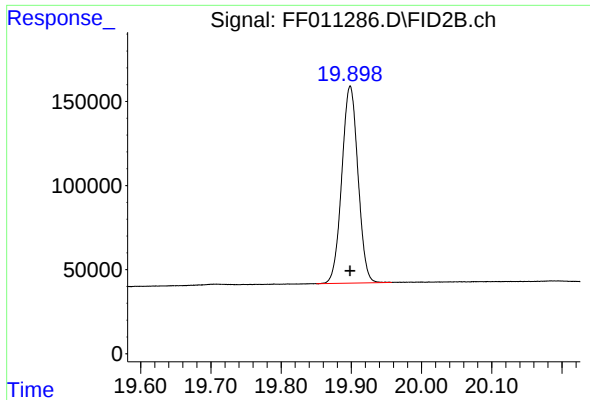
#19 n-Tetratriacontane (C34)

R.T.: 18.459 min
Delta R.T.: 0.000 min
Response: 2864574
Conc: 48.61 ug/ml



#20 n-Hexatriacontane (C36)

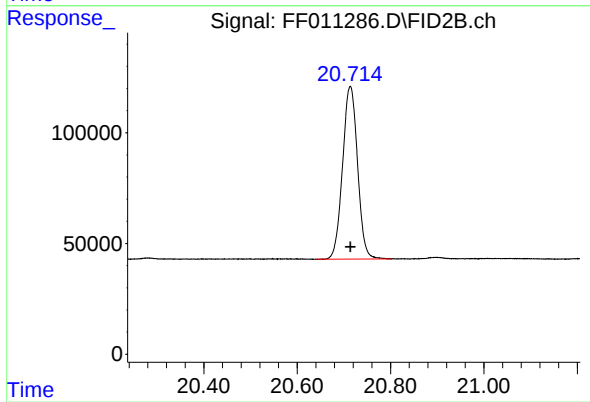
R.T.: 19.195 min
Delta R.T.: 0.000 min
Response: 2197641
Conc: 48.49 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 19.898 min
Delta R.T.: 0.000 min
Response: 1872248
Conc: 48.46 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 20.714 min
Delta R.T.: 0.000 min
Response: 1738853
Conc: 48.08 ug/ml