

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE032625AL\
 Data File : FE053006.D
 Signal(s) : FID1B.ch
 Acq On : 27 Mar 2025 05:35
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: Mar 27 06:34:54 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 030325.M
 Quant Title : GC Extractables
 QLast Update : Mon Mar 03 13:39:39 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)	11.900	3233156	19.178 ug/ml
Spiked Amount 50.000		Recovery =	38.36%
12) S 1-chlorooctadecane (S...	13.344	2418645	19.919 ug/ml
Spiked Amount 50.000		Recovery =	39.84%
Target Compounds			
1) T n-Nonane (C9)	3.244	3087110	19.910 ug/ml
2) T n-Decane (C10)	4.505	3144650	20.017 ug/ml
3) T A~Naphthalene (C11.7)	6.218	3379663	19.928 ug/ml
4) T n-Dodecane (C12)	6.685	3123353	20.060 ug/ml
5) T A~2-methylnaphthalene...	7.320	3214561	19.836 ug/ml
6) T n-Tetradecane (C14)	8.522	3046785	20.136 ug/ml
7) T n-Hexadecane (C16)	10.135	3095318	20.246 ug/ml
8) T n-Octadecane (C18)	11.584	3054552	20.077 ug/ml
10) T n-Eicosane (C20)	12.898	2878732	19.829 ug/ml
11) T n-Heneicosane (C21)	13.512	2811617	19.754 ug/ml
13) T n-Docosane (C22)	14.100	2786592	19.581 ug/ml
14) T n-Tetracosane (C24)	15.206	2766152	19.329 ug/ml
15) T n-Hexacosane (C26)	16.231	2730888	19.205 ug/ml
16) T n-Octacosane (C28)	17.182	2725732	19.169 ug/ml
17) T n-Tricontane (C30)	18.072	2824461	19.123 ug/ml
18) T n-Dotriacontane (C32)	18.906	2809802	19.354 ug/ml
19) T n-Tetratriacontane (C34)	19.691	2601169	19.299 ug/ml
20) T n-Hexatriacontane (C36)	20.432	2330601	19.614 ug/ml
21) T n-Octatriacontane (C38)	21.171	2346124	21.148 ug/ml
22) T n-Tetracontane (C40)	22.088	2441632	22.583 ug/ml

(f)=RT Delta > 1/2 Window

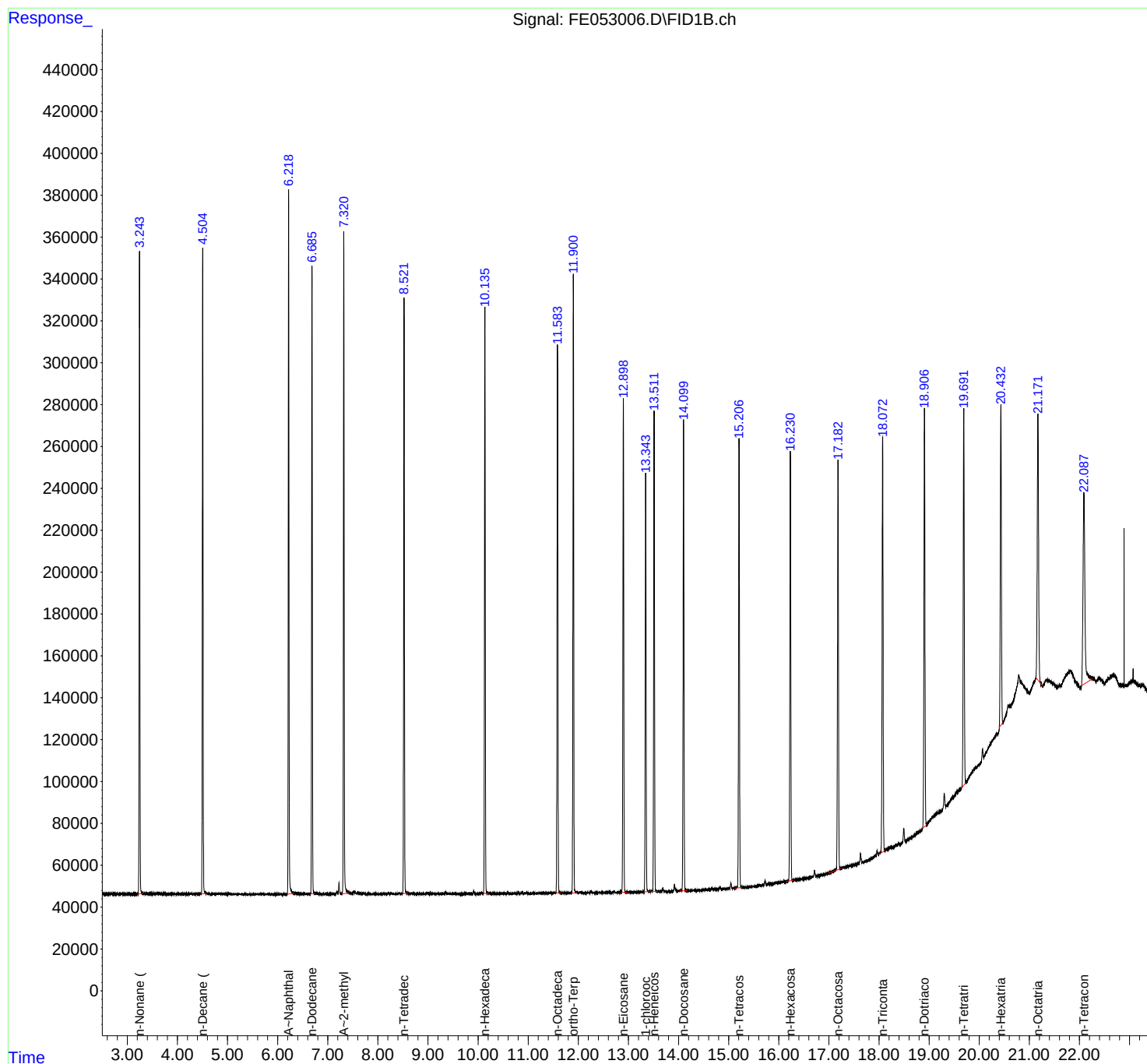
(m)=manual int.

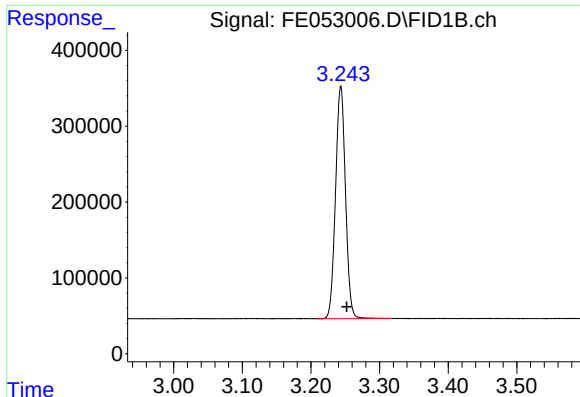
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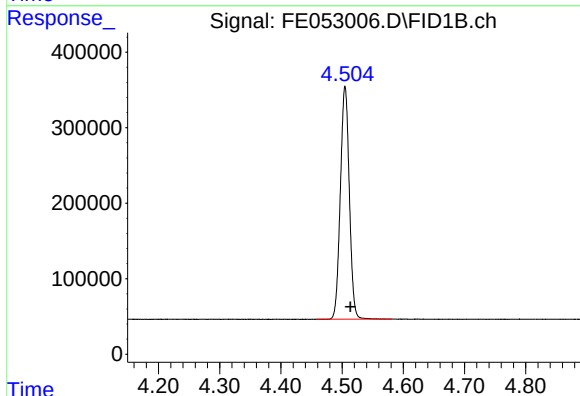




#1 n-Nonane (C9)

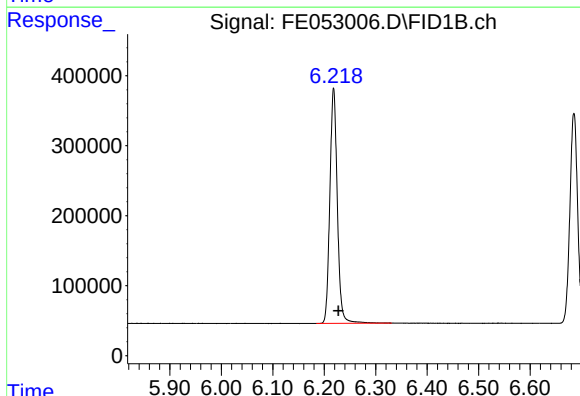
R.T.: 3.244 min
Delta R.T.: -0.008 min
Response: 3087110
Conc: 19.91 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



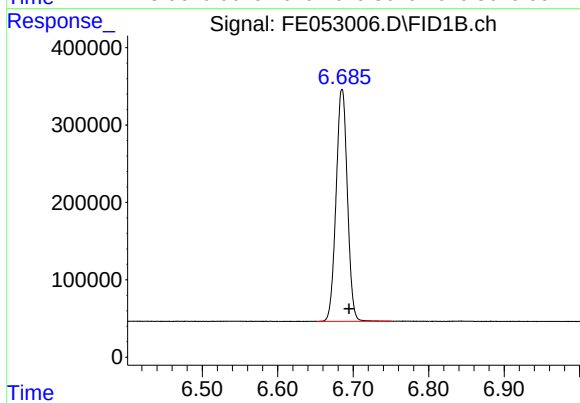
#2 n-Decane (C10)

R.T.: 4.505 min
Delta R.T.: -0.009 min
Response: 3144650
Conc: 20.02 ug/ml



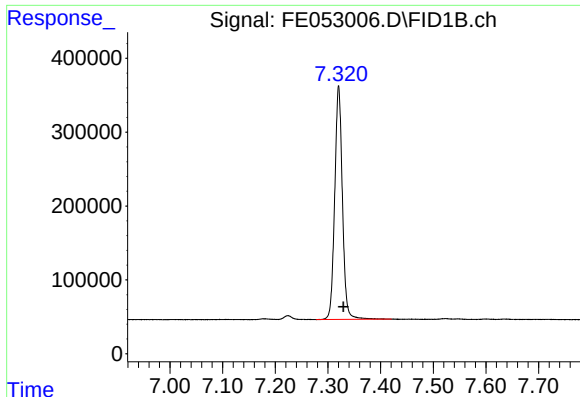
#3 A~Naphthalene (C11.7)

R.T.: 6.218 min
Delta R.T.: -0.010 min
Response: 3379663
Conc: 19.93 ug/ml



#4 n-Dodecane (C12)

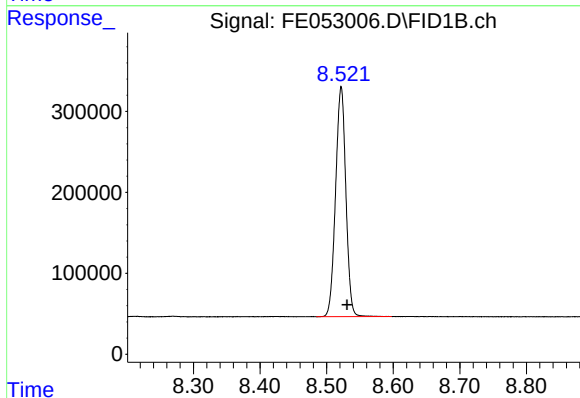
R.T.: 6.685 min
Delta R.T.: -0.009 min
Response: 3123353
Conc: 20.06 ug/ml



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

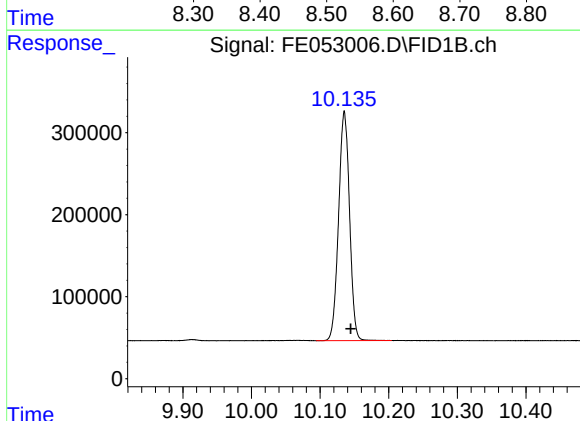
R.T.: 7.320 min
Delta R.T.: -0.009 min
Response: 3214561
Conc: 19.84 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



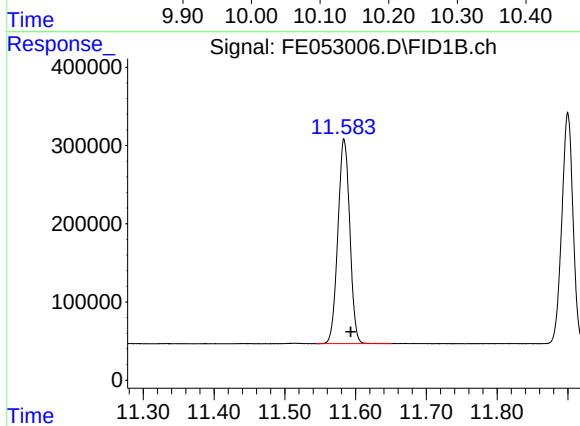
#6 n-Tetradecane (C14)

R.T.: 8.522 min
Delta R.T.: -0.009 min
Response: 3046785
Conc: 20.14 ug/ml



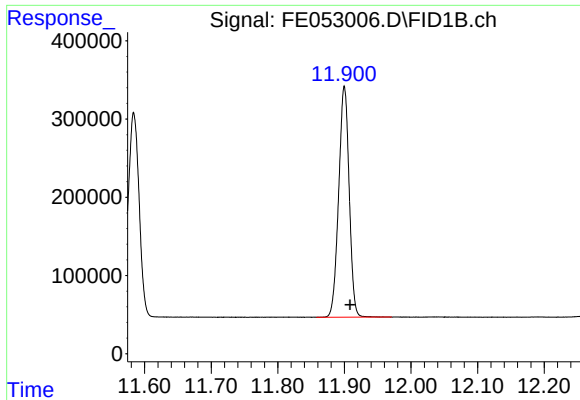
#7 n-Hexadecane (C16)

R.T.: 10.135 min
Delta R.T.: -0.009 min
Response: 3095318
Conc: 20.25 ug/ml



#8 n-Octadecane (C18)

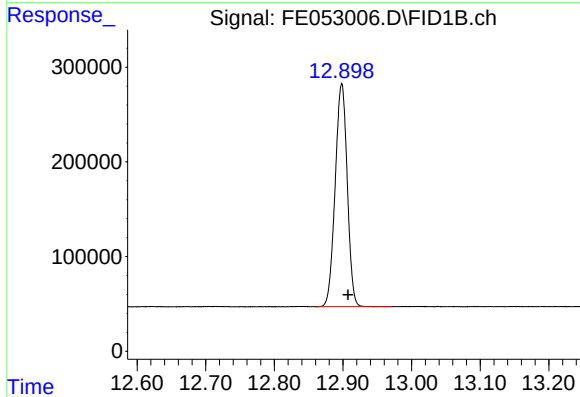
R.T.: 11.584 min
Delta R.T.: -0.009 min
Response: 3054552
Conc: 20.08 ug/ml



#9 ortho-Terphenyl (SURR)

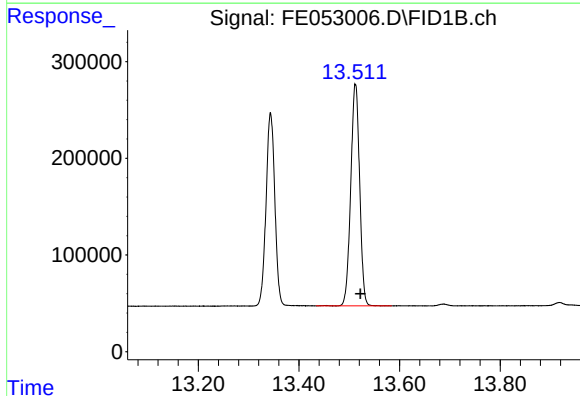
R.T.: 11.900 min
Delta R.T.: -0.009 min
Response: 3233156
Conc: 19.18 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



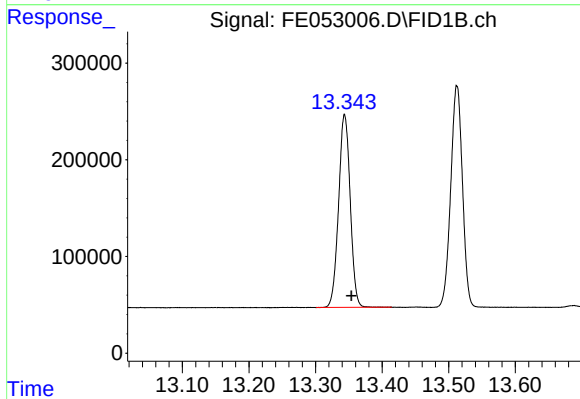
#10 n-Eicosane (C20)

R.T.: 12.898 min
Delta R.T.: -0.010 min
Response: 2878732
Conc: 19.83 ug/ml



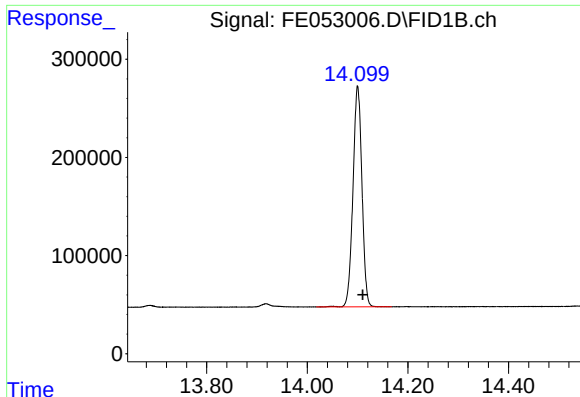
#11 n-Heneicosane (C21)

R.T.: 13.512 min
Delta R.T.: -0.010 min
Response: 2811617
Conc: 19.75 ug/ml



#12 1-chlorooctadecane (SURR)

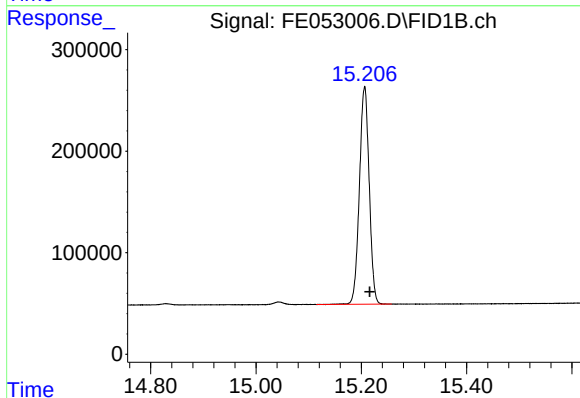
R.T.: 13.344 min
Delta R.T.: -0.010 min
Response: 2418645
Conc: 19.92 ug/ml



#13 n-Docosane (C22)

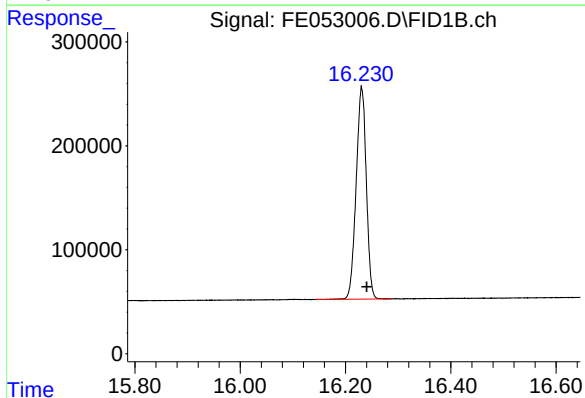
R.T.: 14.100 min
Delta R.T.: -0.010 min
Response: 2786592
Conc: 19.58 ug/ml

Instrument :
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ClientSampleId :
20 PPM ALIPHATIC HC STD



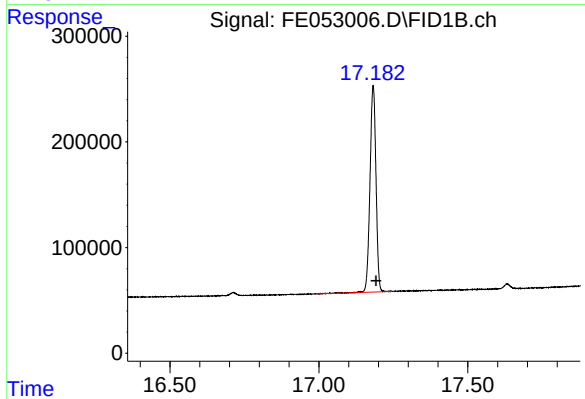
#14 n-Tetracosane (C24)

R.T.: 15.206 min
Delta R.T.: -0.010 min
Response: 2766152
Conc: 19.33 ug/ml



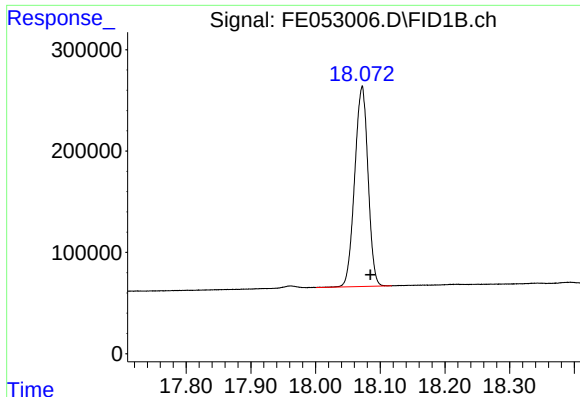
#15 n-Hexacosane (C26)

R.T.: 16.231 min
Delta R.T.: -0.010 min
Response: 2730888
Conc: 19.21 ug/ml



#16 n-Octacosane (C28)

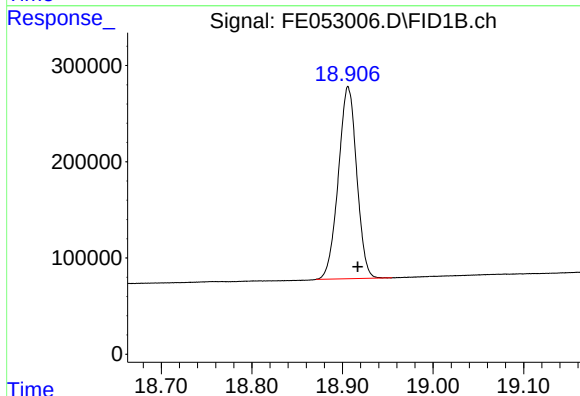
R.T.: 17.182 min
Delta R.T.: -0.010 min
Response: 2725732
Conc: 19.17 ug/ml



#17 n-Tricontane (C30)

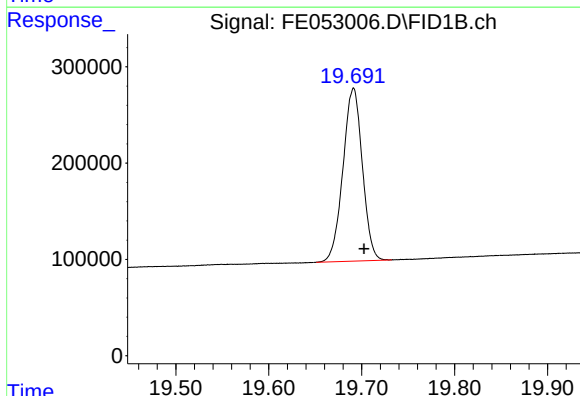
R.T.: 18.072 min
Delta R.T.: -0.013 min
Response: 2824461
Conc: 19.12 ug/ml

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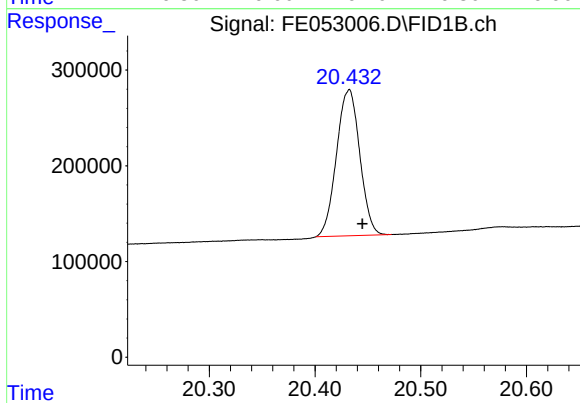
#18 n-Dotriacontane (C32)

R.T.: 18.906 min
Delta R.T.: -0.011 min
Response: 2809802
Conc: 19.35 ug/ml



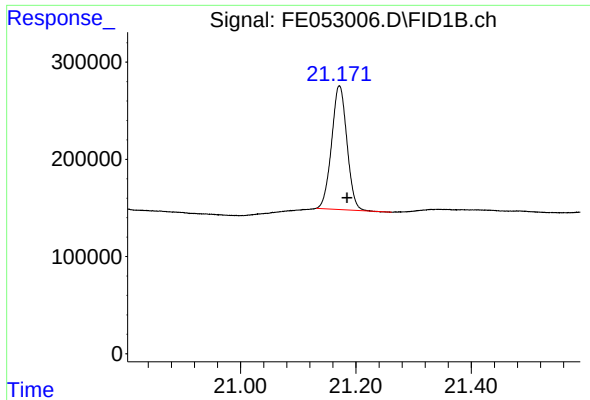
#19 n-Tetratriacontane (C34)

R.T.: 19.691 min
Delta R.T.: -0.012 min
Response: 2601169
Conc: 19.30 ug/ml



#20 n-Hexatriacontane (C36)

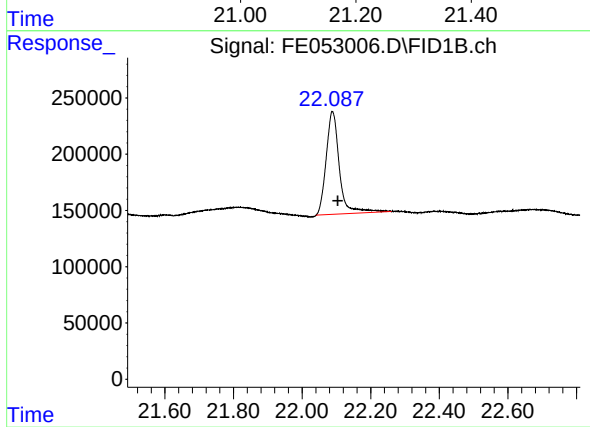
R.T.: 20.432 min
Delta R.T.: -0.013 min
Response: 2330601
Conc: 19.61 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.171 min
Delta R.T.: -0.013 min
Response: 2346124
Conc: 21.15 ug/ml

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20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 22.088 min
Delta R.T.: -0.016 min
Response: 2441632
Conc: 22.58 ug/ml