

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE071823AL\
 Data File : FE043280.D
 Signal(s) : FID1B.ch
 Acq On : 18 Jul 2023 13:17
 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: Jul 19 01:48:24 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 071323.M
 Quant Title : GC Extractables
 QLast Update : Thu Jul 13 03:02:53 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)	11.896	3767229	21.038 ug/ml
Spiked Amount 50.000		Recovery =	42.08%
12) S 1-chlorooctadecane (S...	13.333	2766187	21.052 ug/ml
Spiked Amount 50.000		Recovery =	42.10%
Target Compounds			
1) T n-Nonane (C9)	3.274	3269352	21.413 ug/ml
2) T n-Decane (C10)	4.526	3335027	21.393 ug/ml
3) T A~Naphthalene (C11.7)	6.237	3488906	21.682 ug/ml
4) T n-Dodecane (C12)	6.697	3372383	21.402 ug/ml
5) T A~2-methylnaphthalene...	7.335	3306950	21.793 ug/ml
6) T n-Tetradecane (C14)	8.526	3351287	21.188 ug/ml
7) T n-Hexadecane (C16)	10.134	3423584	21.155 ug/ml
8) T n-Octadecane (C18)	11.577	3430723	21.045 ug/ml
10) T n-Eicosane (C20)	12.886	3258204	20.971 ug/ml
11) T n-Heneicosane (C21)	13.498	3169785	20.922 ug/ml
13) T n-Docosane (C22)	14.085	3126289	20.919 ug/ml
14) T n-Tetracosane (C24)	15.188	3047942	20.754 ug/ml
15) T n-Hexacosane (C26)	16.209	2964180	20.812 ug/ml
16) T n-Octacosane (C28)	17.159	2881234	20.477 ug/ml
17) T n-Tricontane (C30)	18.046	2922443	19.838 ug/ml
18) T n-Dotriacontane (C32)	18.879	2897257	19.552 ug/ml
19) T n-Tetratriacontane (C34)	19.662	2890582	20.029 ug/ml
20) T n-Hexatriacontane (C36)	20.403	2905317	19.767 ug/ml
21) T n-Octatriacontane (C38)	21.142	3035124	21.277 ug/ml
22) T n-Tetracontane (C40)	22.052	3189642	21.612 ug/ml

(f)=RT Delta > 1/2 Window

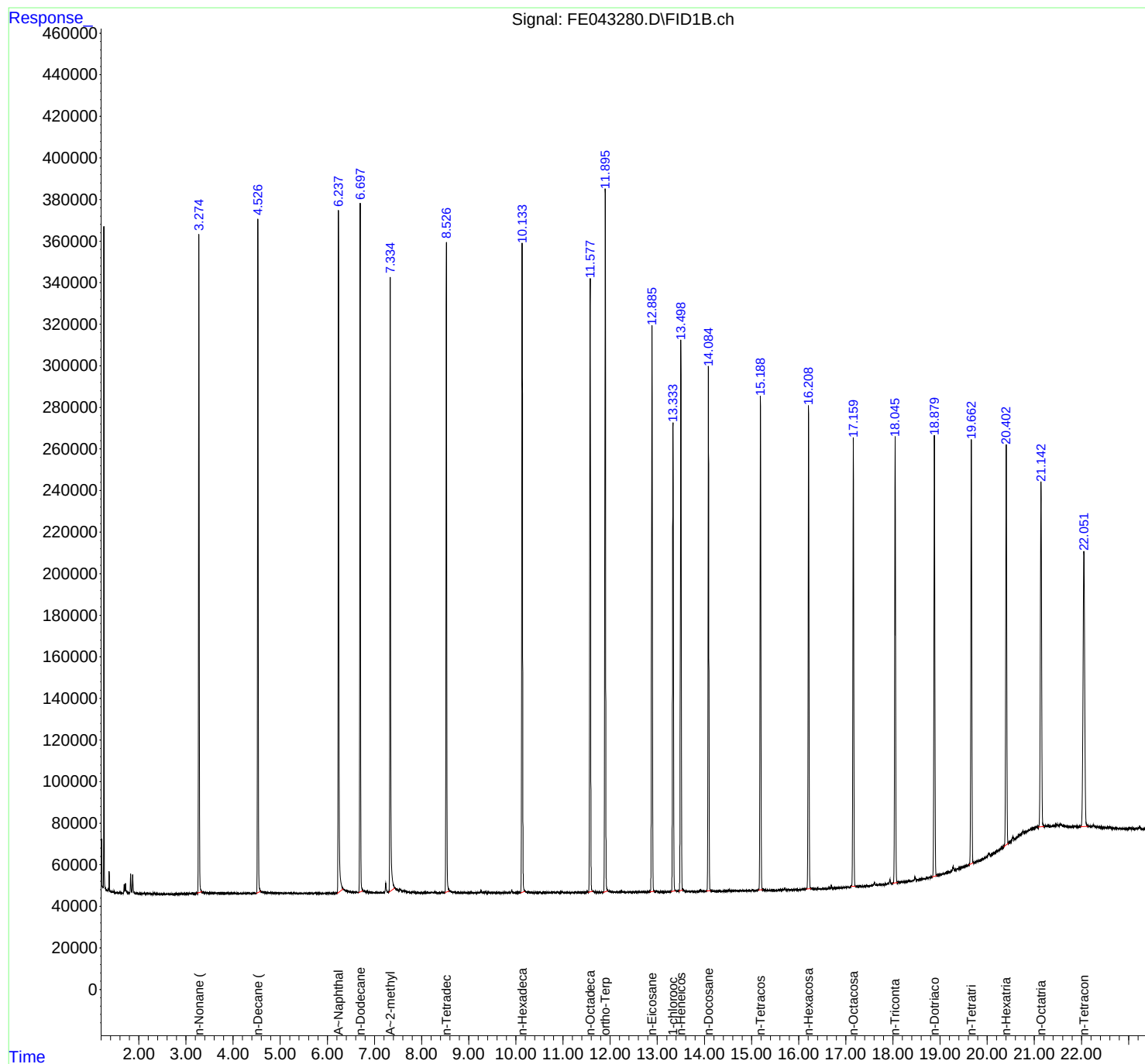
(m)=manual int.

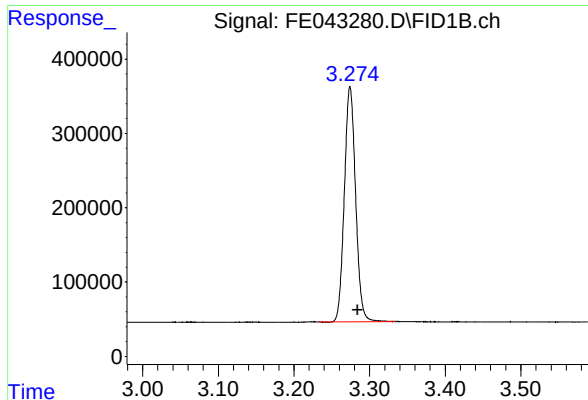
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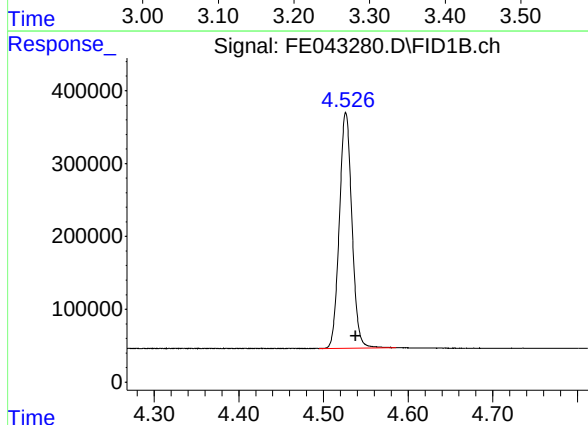




#1 n-Nonane (C9)

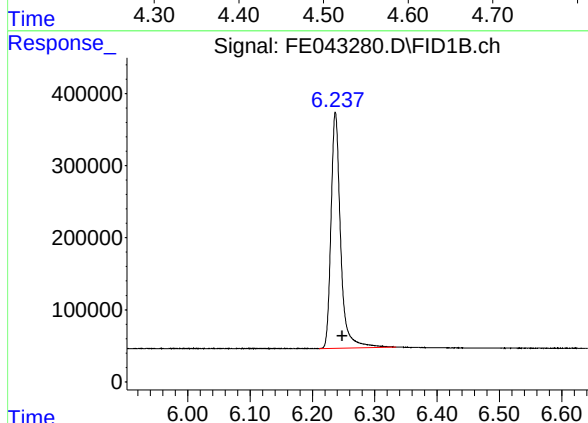
R.T.: 3.274 min
Delta R.T.: -0.010 min
Response: 3269352
Conc: 21.41 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



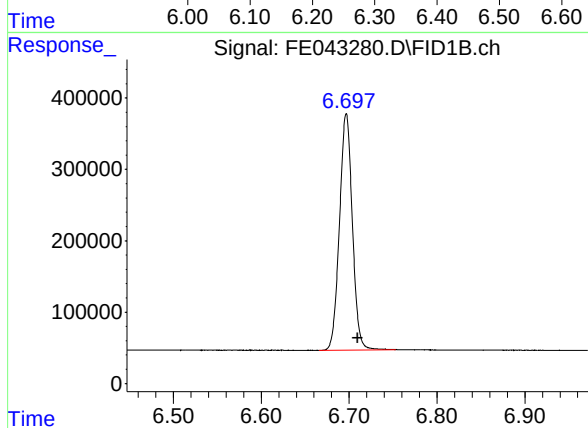
#2 n-Decane (C10)

R.T.: 4.526 min
Delta R.T.: -0.011 min
Response: 3335027
Conc: 21.39 ug/ml



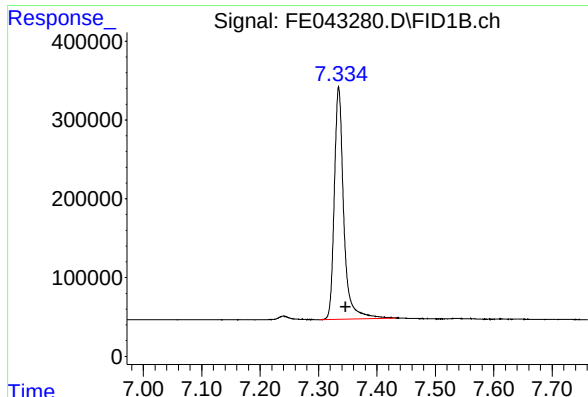
#3 A~Naphthalene (C11.7)

R.T.: 6.237 min
Delta R.T.: -0.011 min
Response: 3488906
Conc: 21.68 ug/ml



#4 n-Dodecane (C12)

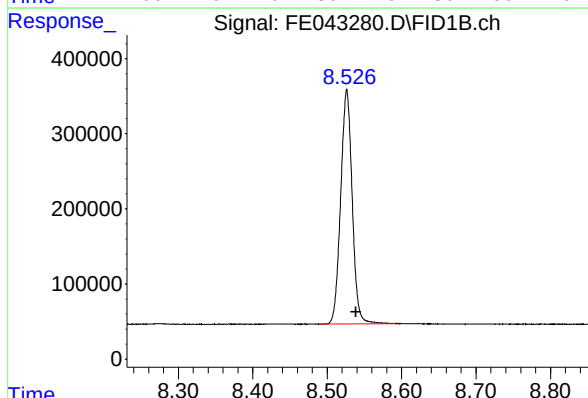
R.T.: 6.697 min
Delta R.T.: -0.013 min
Response: 3372383
Conc: 21.40 ug/ml



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

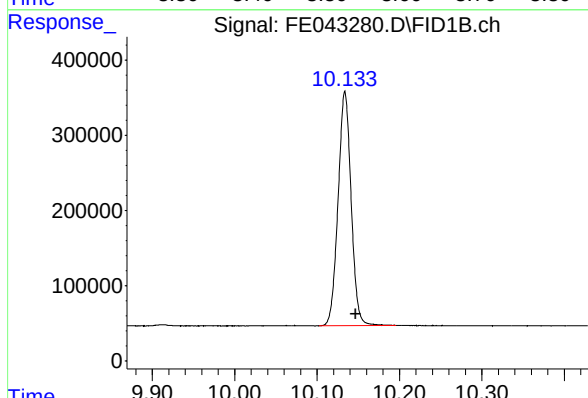
R.T.: 7.335 min
Delta R.T.: -0.012 min
Response: 3306950
Conc: 21.79 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



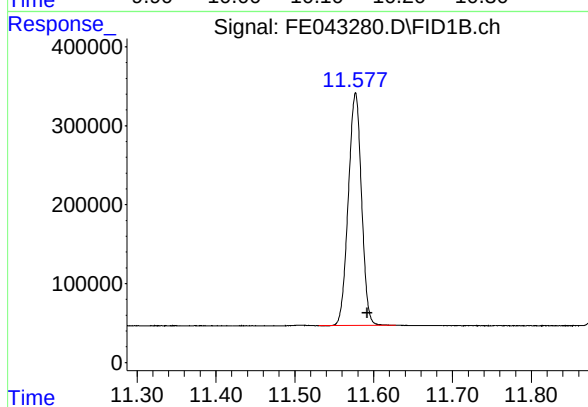
#6 n-Tetradecane (C14)

R.T.: 8.526 min
Delta R.T.: -0.012 min
Response: 3351287
Conc: 21.19 ug/ml



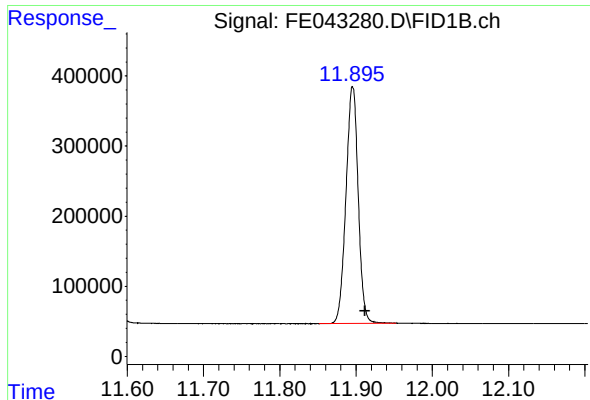
#7 n-Hexadecane (C16)

R.T.: 10.134 min
Delta R.T.: -0.013 min
Response: 3423584
Conc: 21.15 ug/ml



#8 n-Octadecane (C18)

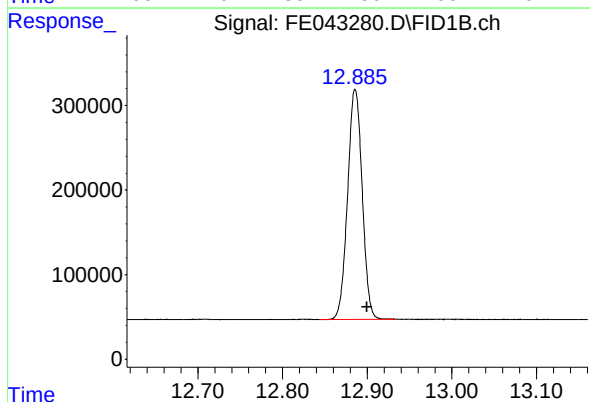
R.T.: 11.577 min
Delta R.T.: -0.015 min
Response: 3430723
Conc: 21.05 ug/ml



#9 ortho-Terphenyl (SURR)

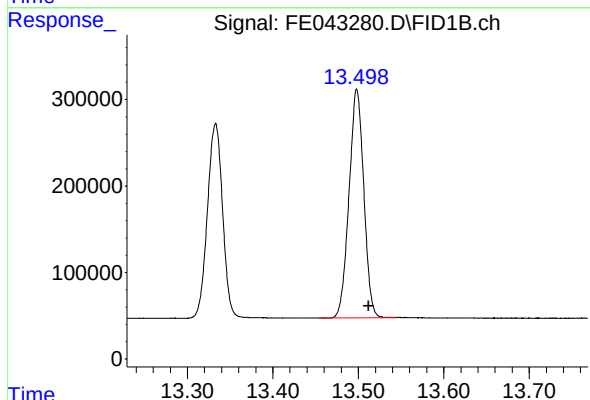
R.T.: 11.896 min
Delta R.T.: -0.016 min
Response: 3767229
Conc: 21.04 ug/ml

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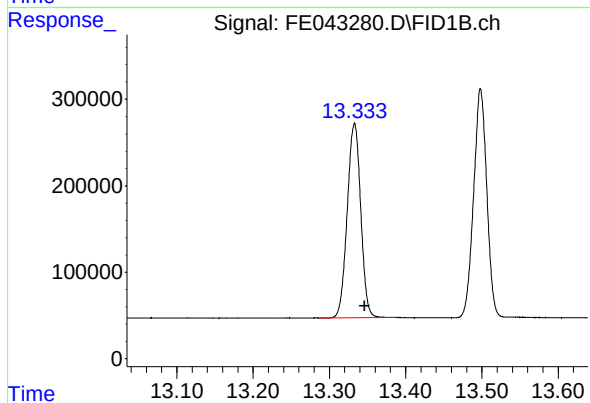
#10 n-Eicosane (C20)

R.T.: 12.886 min
Delta R.T.: -0.014 min
Response: 3258204
Conc: 20.97 ug/ml



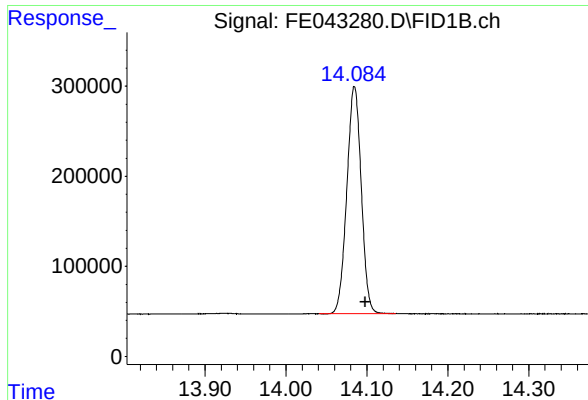
#11 n-Heneicosane (C21)

R.T.: 13.498 min
Delta R.T.: -0.014 min
Response: 3169785
Conc: 20.92 ug/ml



#12 1-chlorooctadecane (SURR)

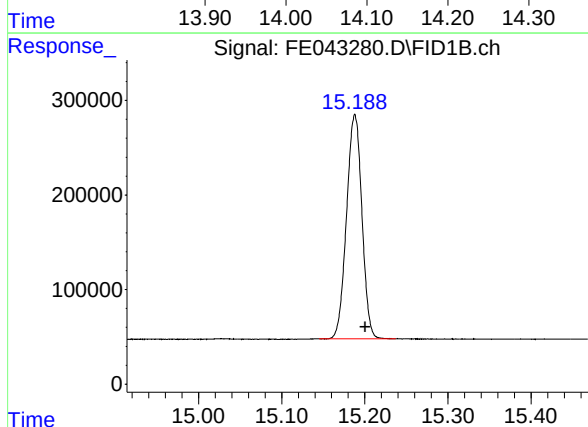
R.T.: 13.333 min
Delta R.T.: -0.013 min
Response: 2766187
Conc: 21.05 ug/ml



#13 n-Docosane (C22)

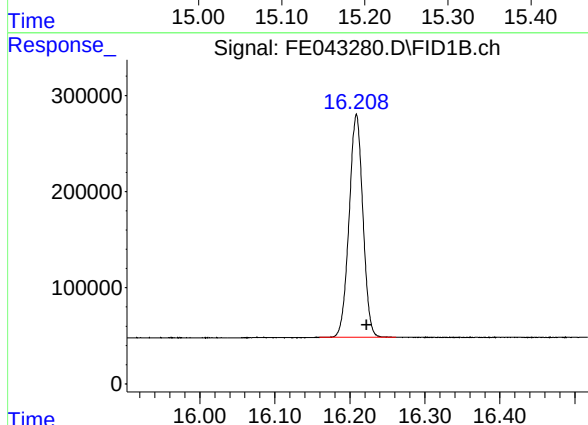
R.T.: 14.085 min
Delta R.T.: -0.014 min
Response: 3126289
Conc: 20.92 ug/ml

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20 PPM ALIPHATIC HC STD



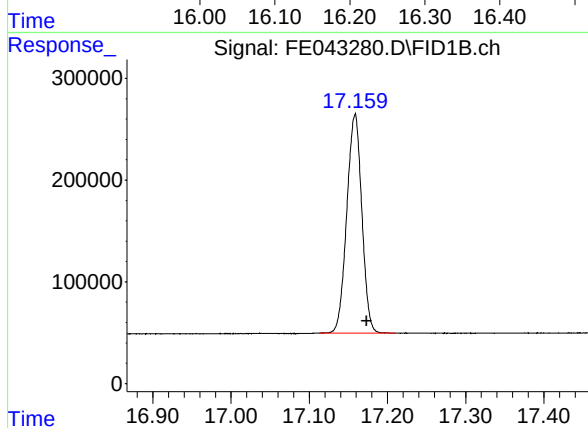
#14 n-Tetracosane (C24)

R.T.: 15.188 min
Delta R.T.: -0.013 min
Response: 3047942
Conc: 20.75 ug/ml



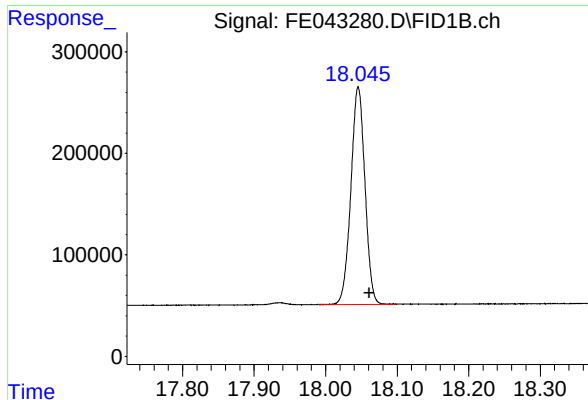
#15 n-Hexacosane (C26)

R.T.: 16.209 min
Delta R.T.: -0.014 min
Response: 2964180
Conc: 20.81 ug/ml



#16 n-Octacosane (C28)

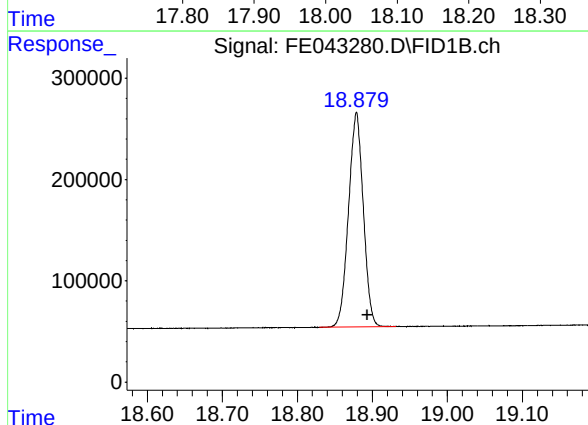
R.T.: 17.159 min
Delta R.T.: -0.015 min
Response: 2881234
Conc: 20.48 ug/ml



#17 n-Tricontane (C30)

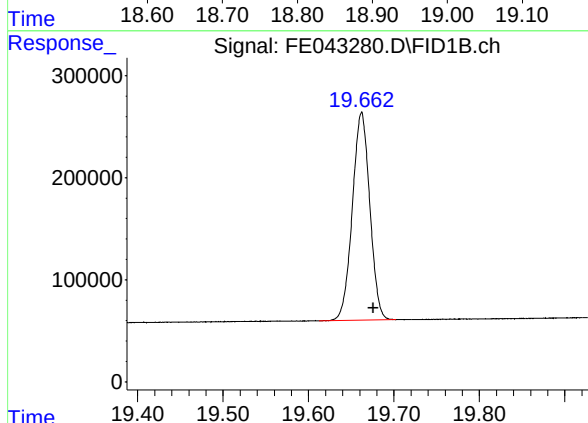
R.T.: 18.046 min
Delta R.T.: -0.015 min
Response: 2922443
Conc: 19.84 ug/ml

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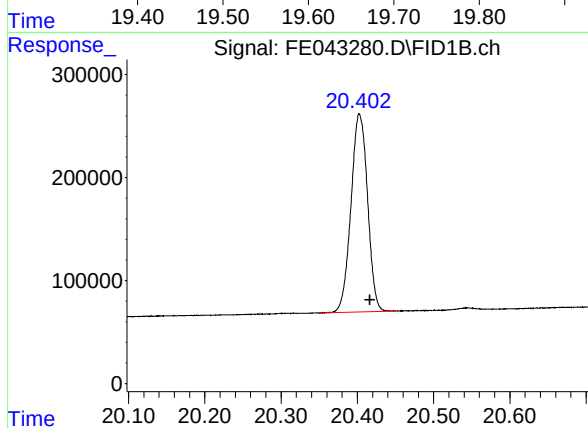
#18 n-Dotriacontane (C32)

R.T.: 18.879 min
Delta R.T.: -0.015 min
Response: 2897257
Conc: 19.55 ug/ml



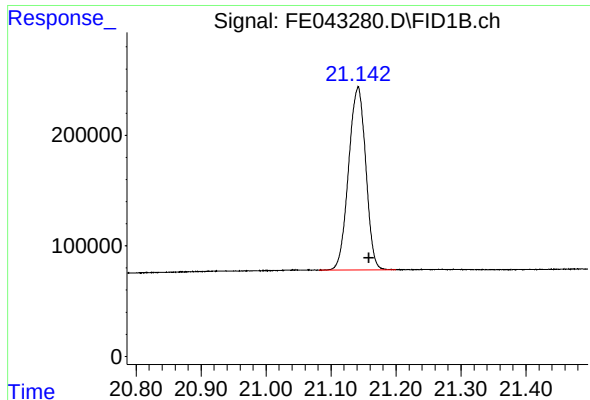
#19 n-Tetatriacontane (C34)

R.T.: 19.662 min
Delta R.T.: -0.014 min
Response: 2890582
Conc: 20.03 ug/ml



#20 n-Hexatriacontane (C36)

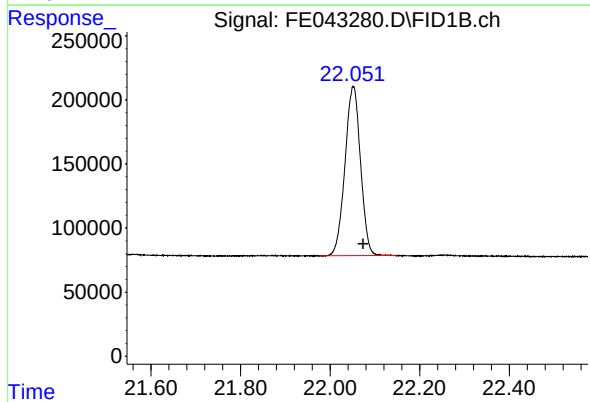
R.T.: 20.403 min
Delta R.T.: -0.014 min
Response: 2905317
Conc: 19.77 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.142 min
Delta R.T.: -0.017 min
Response: 3035124
Conc: 21.28 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.052 min
Delta R.T.: -0.022 min
Response: 3189642
Conc: 21.61 ug/ml