

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE062823AL\
 Data File : FE042976.D
 Signal(s) : FID1B.ch
 Acq On : 28 Jun 2023 09:50
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: Jun 29 02:47:20 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 062123.M
 Quant Title : GC Extractables
 QLast Update : Wed Jun 21 11:03:59 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)	11.914	3505026	19.080 ug/ml
Spiked Amount 50.000		Recovery =	38.16%
12) S 1-chlorooctadecane (S...	13.351	2594843	19.067 ug/ml
Spiked Amount 50.000		Recovery =	38.13%
Target Compounds			
1) T n-Nonane (C9)	3.291	3021439	19.560 ug/ml
2) T n-Decane (C10)	4.544	3088435	19.552 ug/ml
3) T A~Naphthalene (C11.7)	6.254	3303922	19.512 ug/ml
4) T n-Dodecane (C12)	6.714	3124334	19.519 ug/ml
5) T A~2-methylnaphthalene...	7.351	3142785	19.384 ug/ml
6) T n-Tetradecane (C14)	8.543	3109211	19.536 ug/ml
7) T n-Hexadecane (C16)	10.151	3205760	19.464 ug/ml
8) T n-Octadecane (C18)	11.595	3217201	19.355 ug/ml
10) T n-Eicosane (C20)	12.904	3049526	19.218 ug/ml
11) T n-Heneicosane (C21)	13.516	2969123	19.191 ug/ml
13) T n-Docosane (C22)	14.103	2911793	19.115 ug/ml
14) T n-Tetracosane (C24)	15.207	2848788	19.200 ug/ml
15) T n-Hexacosane (C26)	16.228	2767906	19.361 ug/ml
16) T n-Octacosane (C28)	17.178	2739097	19.749 ug/ml
17) T n-Tricontane (C30)	18.066	2884849	20.398 ug/ml
18) T n-Dotriacontane (C32)	18.899	2892256	20.621 ug/ml
19) T n-Tetratriacontane (C34)	19.683	2849181	20.820 ug/ml
20) T n-Hexatriacontane (C36)	20.422	2761647	20.650 ug/ml
21) T n-Octatriacontane (C38)	21.164	2816217	20.656 ug/ml
22) T n-Tetracontane (C40)	22.082	3046348	21.896 ug/ml

(f)=RT Delta > 1/2 Window

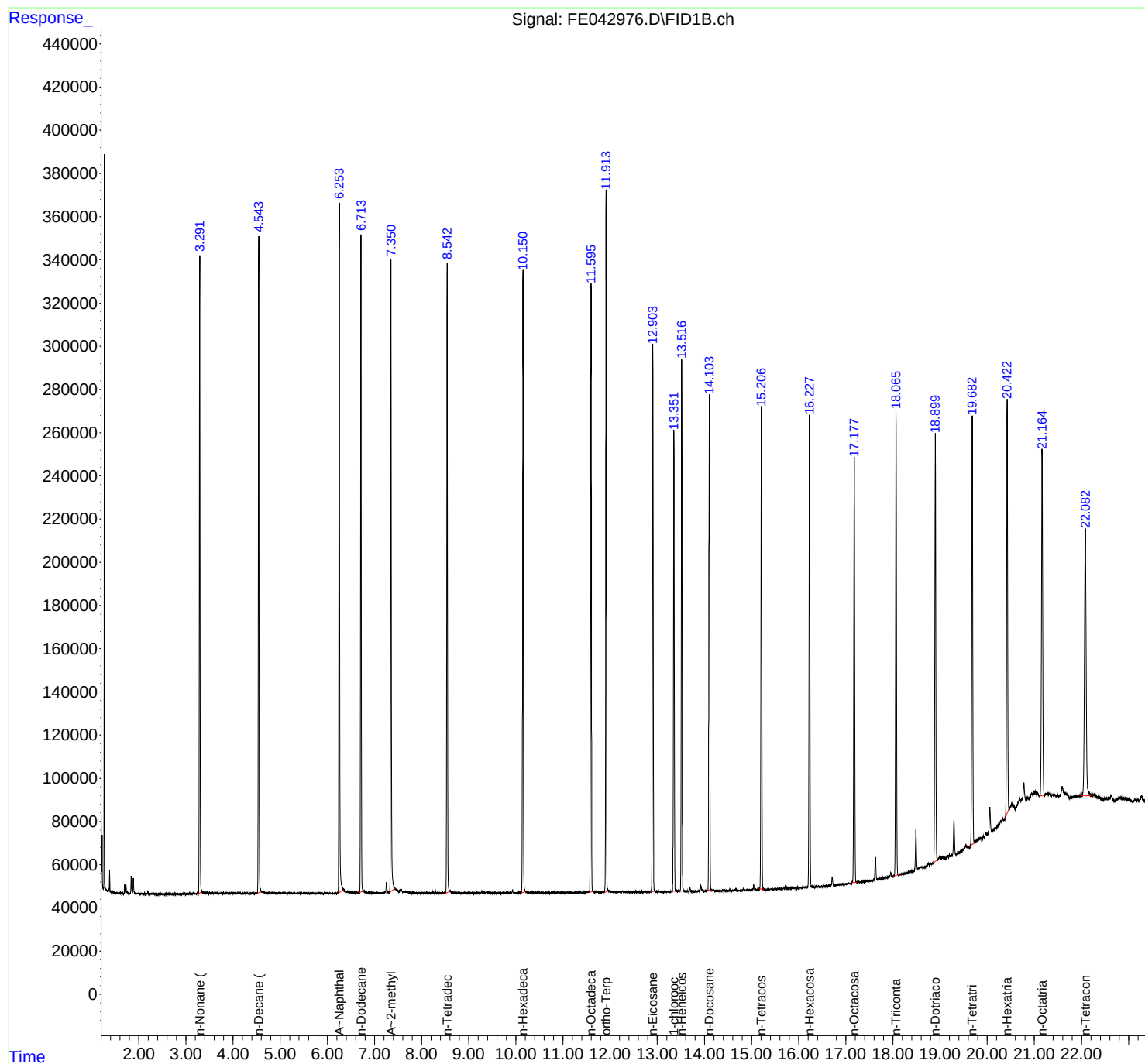
(m)=manual int.

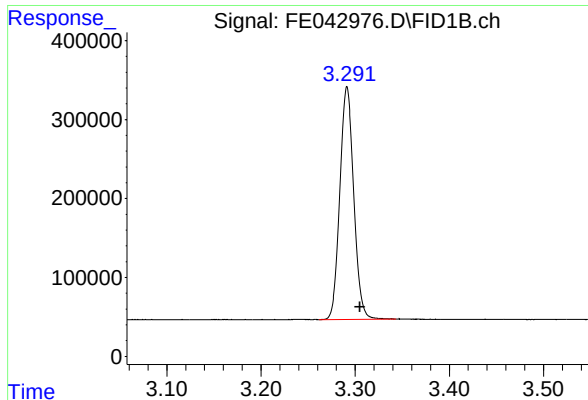
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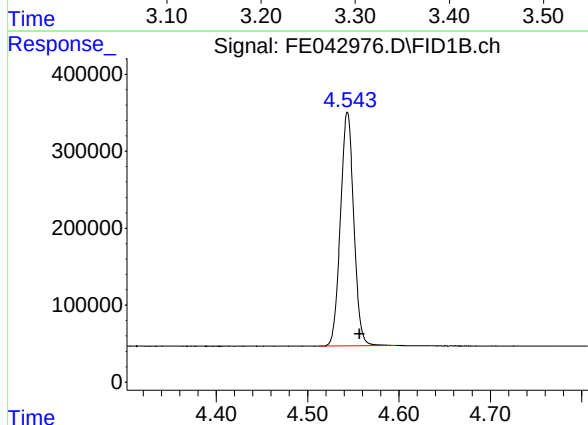




#1 n-Nonane (C9)

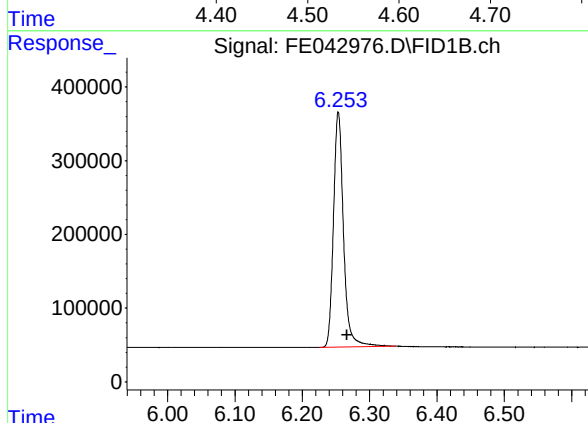
R.T.: 3.291 min
Delta R.T.: -0.014 min
Response: 3021439
Conc: 19.56 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



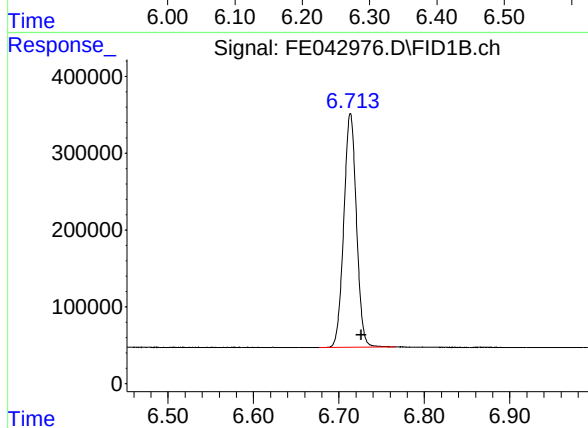
#2 n-Decane (C10)

R.T.: 4.544 min
Delta R.T.: -0.013 min
Response: 3088435
Conc: 19.55 ug/ml



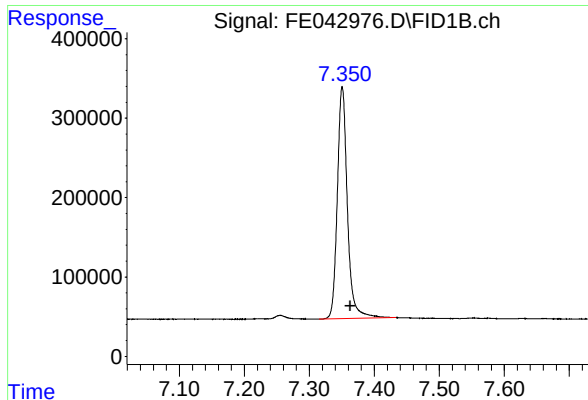
#3 A~Naphthalene (C11.7)

R.T.: 6.254 min
Delta R.T.: -0.013 min
Response: 3303922
Conc: 19.51 ug/ml



#4 n-Dodecane (C12)

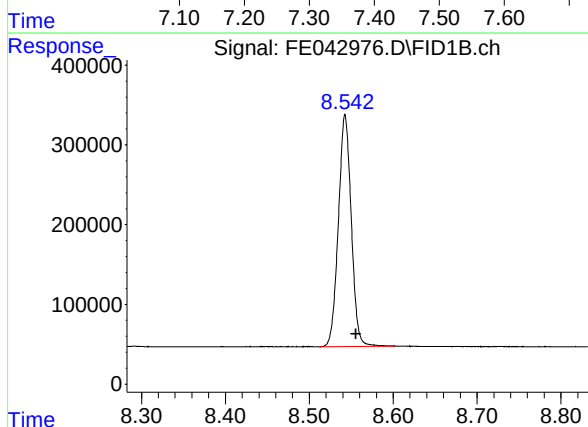
R.T.: 6.714 min
Delta R.T.: -0.013 min
Response: 3124334
Conc: 19.52 ug/ml



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

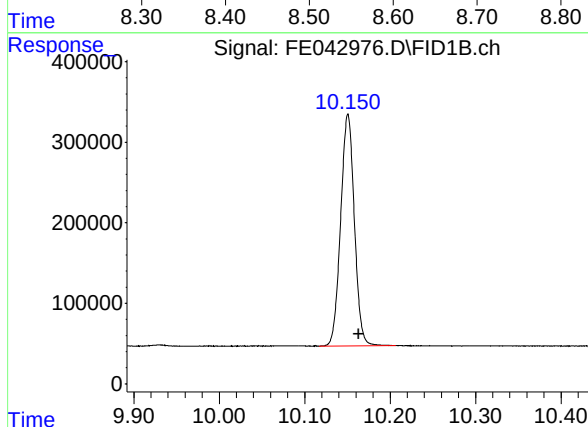
R.T.: 7.351 min
Delta R.T.: -0.013 min
Response: 3142785
Conc: 19.38 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



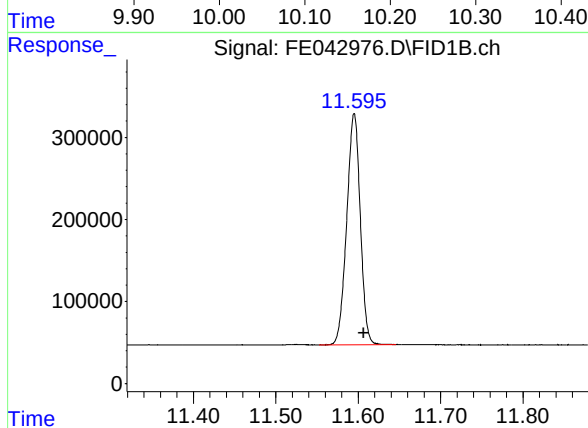
#6 n-Tetradecane (C14)

R.T.: 8.543 min
Delta R.T.: -0.013 min
Response: 3109211
Conc: 19.54 ug/ml



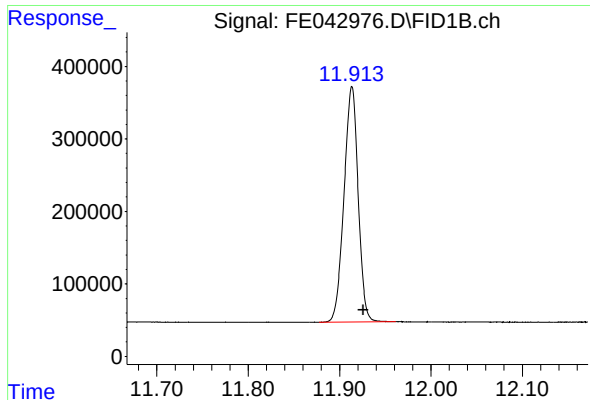
#7 n-Hexadecane (C16)

R.T.: 10.151 min
Delta R.T.: -0.012 min
Response: 3205760
Conc: 19.46 ug/ml



#8 n-Octadecane (C18)

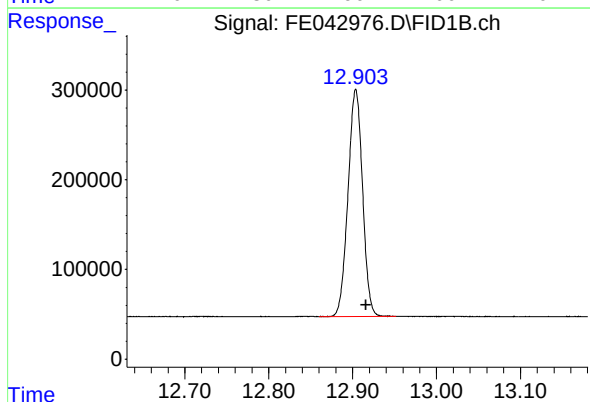
R.T.: 11.595 min
Delta R.T.: -0.011 min
Response: 3217201
Conc: 19.36 ug/ml



#9 ortho-Terphenyl (SURR)

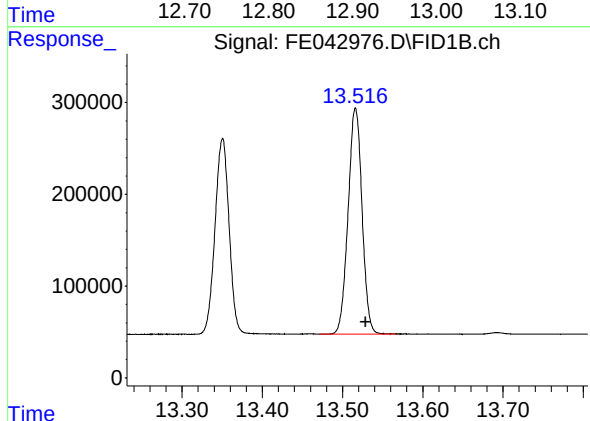
R.T.: 11.914 min
Delta R.T.: -0.012 min
Response: 3505026
Conc: 19.08 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



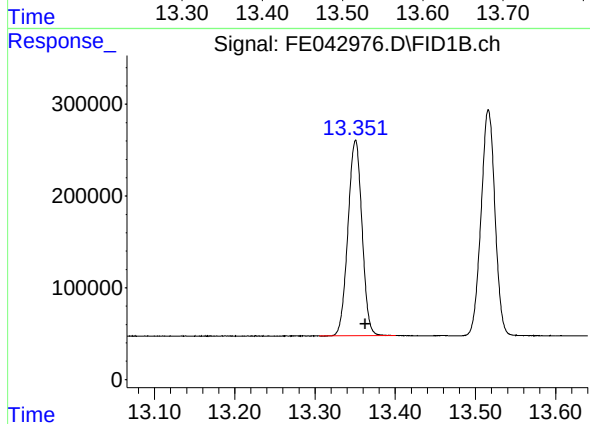
#10 n-Eicosane (C20)

R.T.: 12.904 min
Delta R.T.: -0.012 min
Response: 3049526
Conc: 19.22 ug/ml



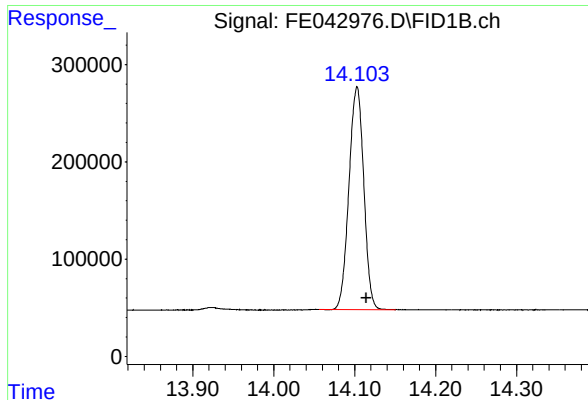
#11 n-Heneicosane (C21)

R.T.: 13.516 min
Delta R.T.: -0.012 min
Response: 2969123
Conc: 19.19 ug/ml



#12 1-chlorooctadecane (SURR)

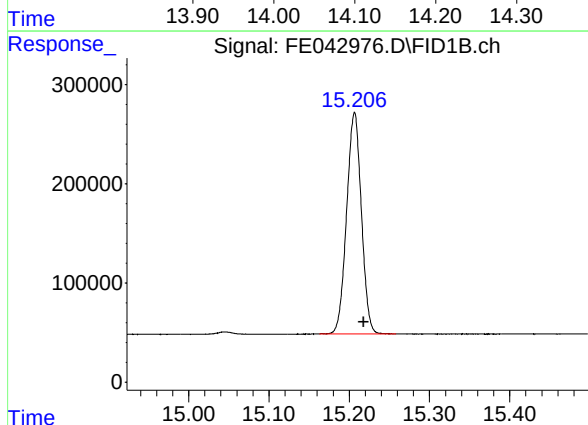
R.T.: 13.351 min
Delta R.T.: -0.012 min
Response: 2594843
Conc: 19.07 ug/ml



#13 n-Docosane (C22)

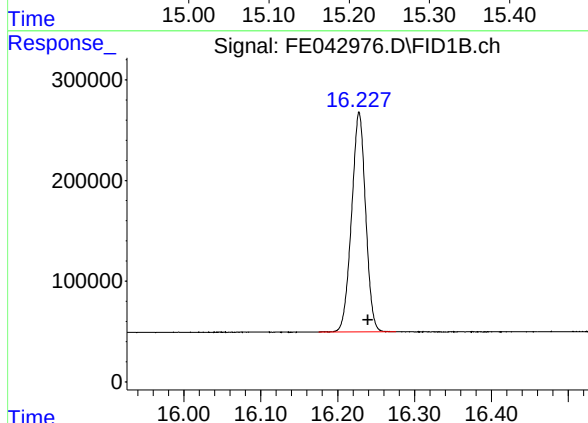
R.T.: 14.103 min
Delta R.T.: -0.012 min
Response: 2911793
Conc: 19.12 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



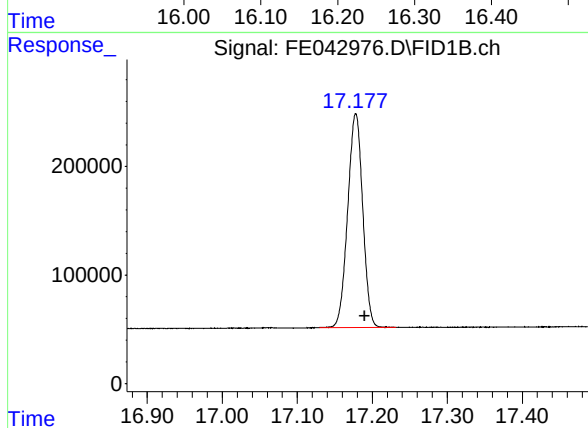
#14 n-Tetracosane (C24)

R.T.: 15.207 min
Delta R.T.: -0.011 min
Response: 2848788
Conc: 19.20 ug/ml



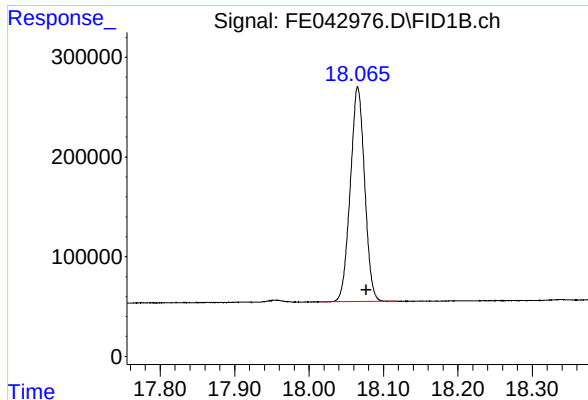
#15 n-Hexacosane (C26)

R.T.: 16.228 min
Delta R.T.: -0.012 min
Response: 2767906
Conc: 19.36 ug/ml



#16 n-Octacosane (C28)

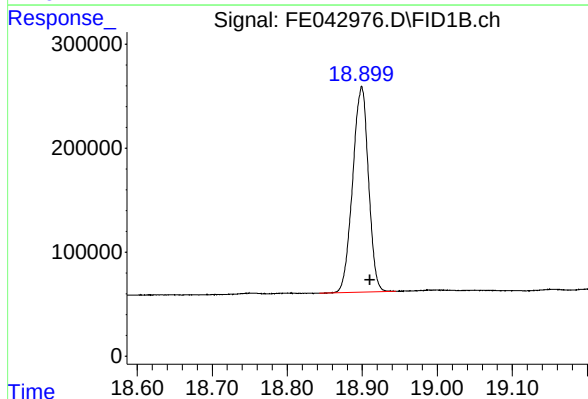
R.T.: 17.178 min
Delta R.T.: -0.011 min
Response: 2739097
Conc: 19.75 ug/ml



#17 n-Tricontane (C30)

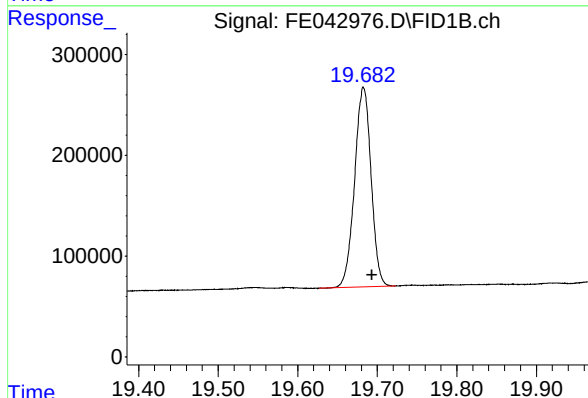
R.T.: 18.066 min
Delta R.T.: -0.012 min
Response: 2884849
Conc: 20.40 ug/ml

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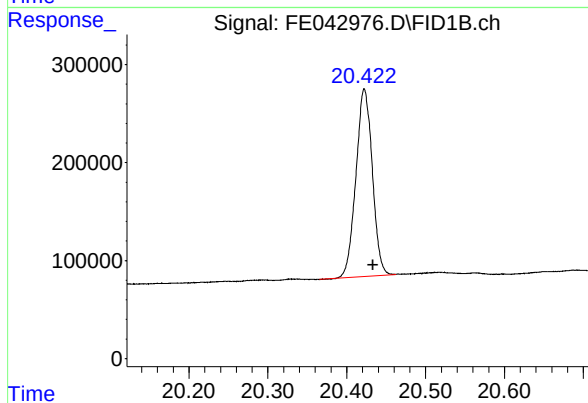
#18 n-Dotriacontane (C32)

R.T.: 18.899 min
Delta R.T.: -0.011 min
Response: 2892256
Conc: 20.62 ug/ml



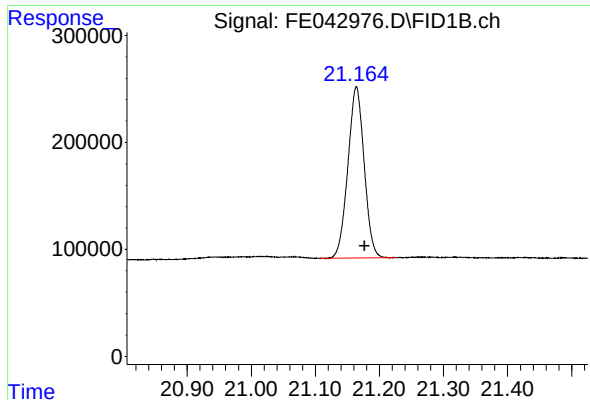
#19 n-Tetatriacontane (C34)

R.T.: 19.683 min
Delta R.T.: -0.011 min
Response: 2849181
Conc: 20.82 ug/ml



#20 n-Hexatriacontane (C36)

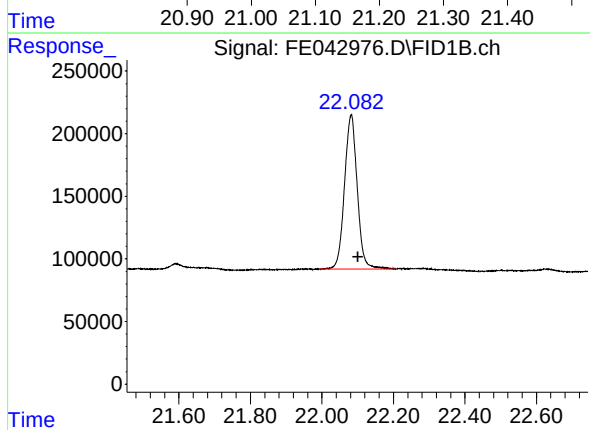
R.T.: 20.422 min
Delta R.T.: -0.011 min
Response: 2761647
Conc: 20.65 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.164 min
Delta R.T.: -0.013 min
Response: 2816217
Conc: 20.66 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.082 min
Delta R.T.: -0.019 min
Response: 3046348
Conc: 21.90 ug/ml