

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE020923AL\
 Data File : FE040278.D
 Signal(s) : FID1B.ch
 Acq On : 09 Feb 2023 09:43
 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: Feb 09 23:45:55 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 020223.M
 Quant Title : GC Extractables
 QLast Update : Thu Feb 02 04:52:48 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)	11.895	3490183	21.563 ug/ml
Spiked Amount 50.000		Recovery =	43.13%
12) S 1-chlorooctadecane (S...	13.333	2654740	21.405 ug/ml
Spiked Amount 50.000		Recovery =	42.81%
Target Compounds			
1) T n-Nonane (C9)	3.289	3028237	22.250 ug/ml
2) T n-Decane (C10)	4.538	2968164	22.339 ug/ml
3) T A~Naphthalene (C11.7)	6.240	3262532	22.292 ug/ml
4) T n-Dodecane (C12)	6.702	3012252	22.373 ug/ml
5) T A~2-methylnaphthalene...	7.335	3030153	22.387 ug/ml
6) T n-Tetradecane (C14)	8.529	3049385	22.126 ug/ml
7) T n-Hexadecane (C16)	10.136	3147530	21.931 ug/ml
8) T n-Octadecane (C18)	11.578	3213484	21.603 ug/ml
10) T n-Eicosane (C20)	12.888	3145572	21.396 ug/ml
11) T n-Heneicosane (C21)	13.500	3155720	21.396 ug/ml
13) T n-Docosane (C22)	14.088	3120224	21.058 ug/ml
14) T n-Tetracosane (C24)	15.190	3105610	20.458 ug/ml
15) T n-Hexacosane (C26)	16.212	3009853	20.303 ug/ml
16) T n-Octacosane (C28)	17.164	2948285	19.673 ug/ml
17) T n-Tricontane (C30)	18.052	2858826	19.376 ug/ml
18) T n-Dotriacontane (C32)	18.885	2824547	19.286 ug/ml
19) T n-Tetratriacontane (C34)	19.669	2731032	19.856 ug/ml
20) T n-Hexatriacontane (C36)	20.410	2622382	19.770 ug/ml
21) T n-Octatriacontane (C38)	21.144	2638579	20.339 ug/ml
22) T n-Tetracontane (C40)	22.041	2680935	20.192 ug/ml

(f)=RT Delta > 1/2 Window

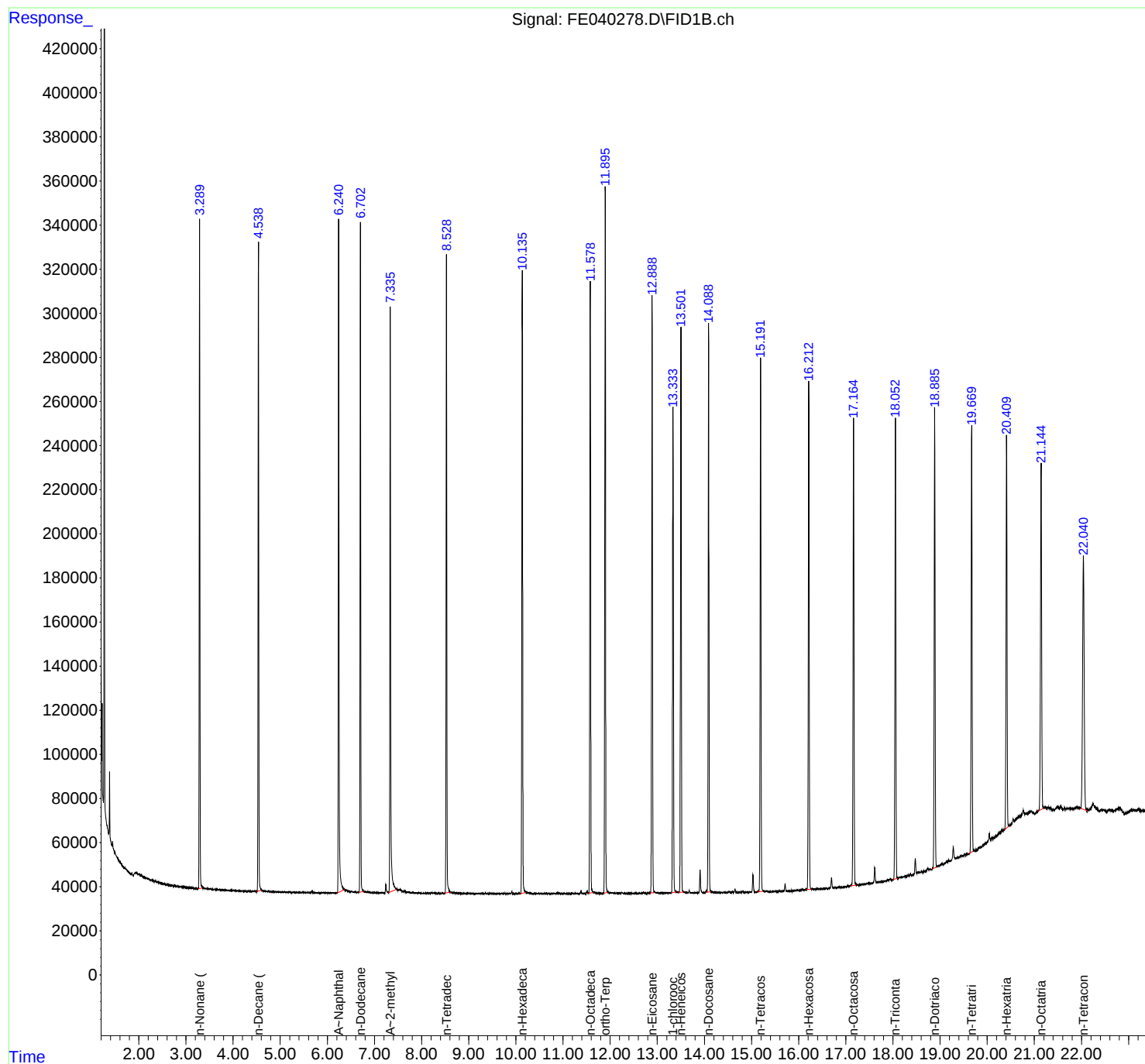
(m)=manual int.

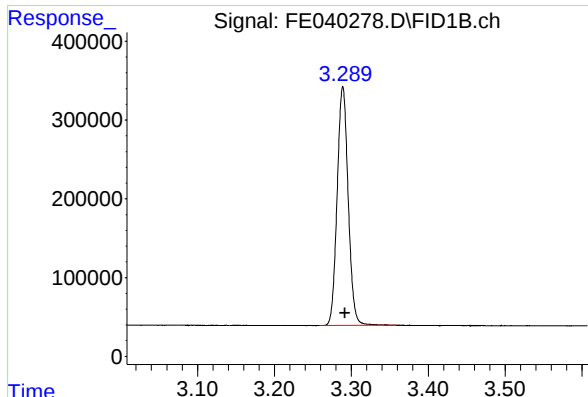
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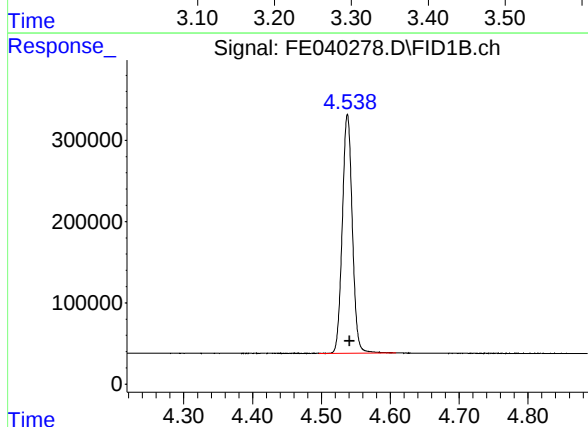




#1 n-Nonane (C9)

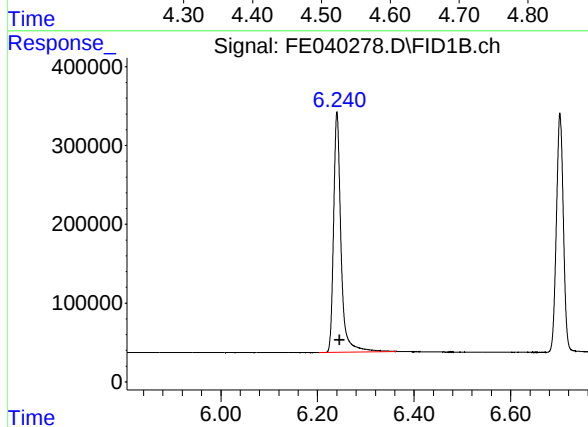
R.T.: 3.289 min
Delta R.T.: -0.003 min
Response: 3028237
Conc: 22.25 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



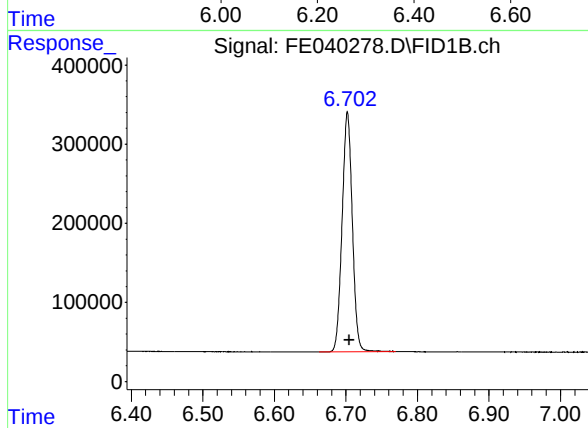
#2 n-Decane (C10)

R.T.: 4.538 min
Delta R.T.: -0.003 min
Response: 2968164
Conc: 22.34 ug/ml



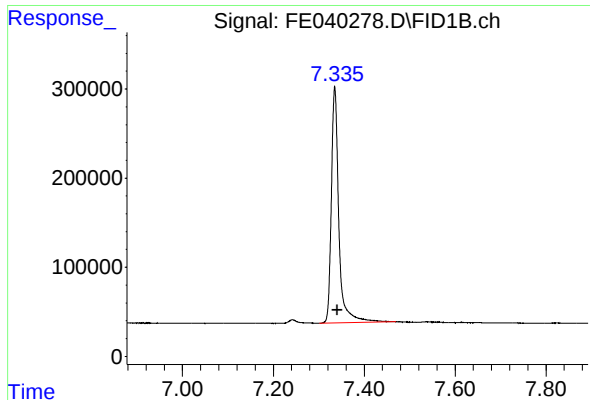
#3 A~Naphthalene (C11.7)

R.T.: 6.240 min
Delta R.T.: -0.005 min
Response: 3262532
Conc: 22.29 ug/ml



#4 n-Dodecane (C12)

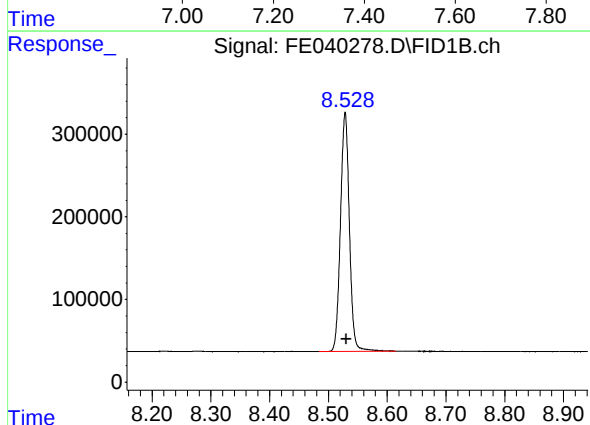
R.T.: 6.702 min
Delta R.T.: -0.003 min
Response: 3012252
Conc: 22.37 ug/ml



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

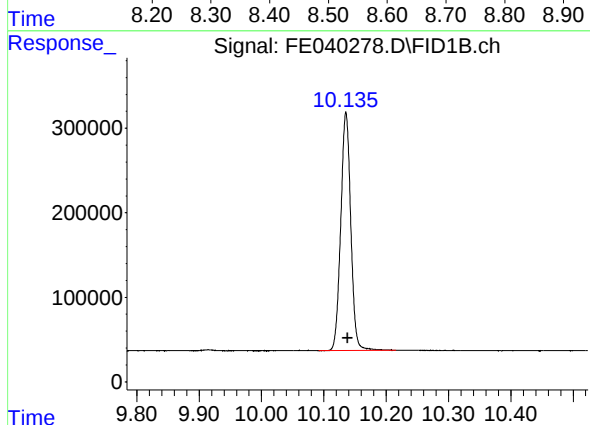
R.T.: 7.335 min
Delta R.T.: -0.006 min
Response: 3030153
Conc: 22.39 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



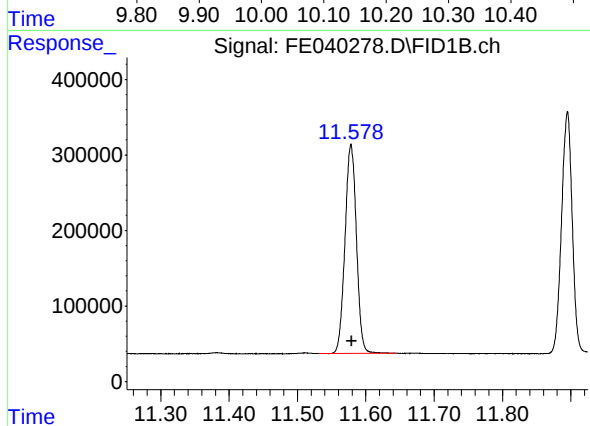
#6 n-Tetradecane (C14)

R.T.: 8.529 min
Delta R.T.: -0.002 min
Response: 3049385
Conc: 22.13 ug/ml



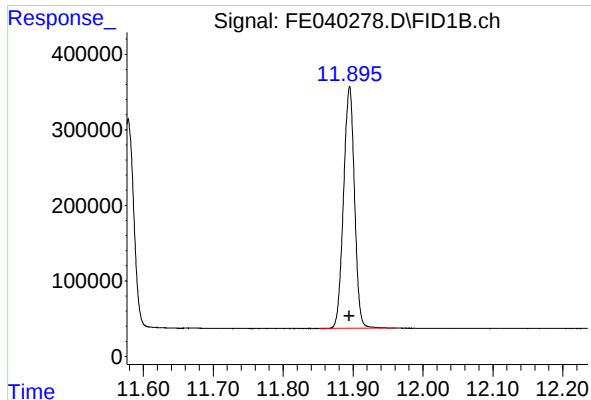
#7 n-Hexadecane (C16)

R.T.: 10.136 min
Delta R.T.: -0.002 min
Response: 3147530
Conc: 21.93 ug/ml



#8 n-Octadecane (C18)

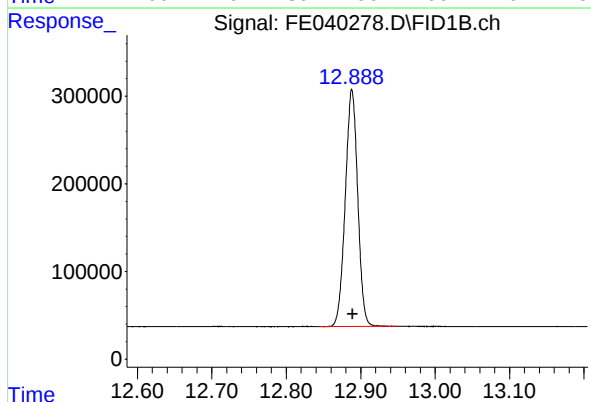
R.T.: 11.578 min
Delta R.T.: -0.001 min
Response: 3213484
Conc: 21.60 ug/ml



#9 ortho-Terphenyl (SURR)

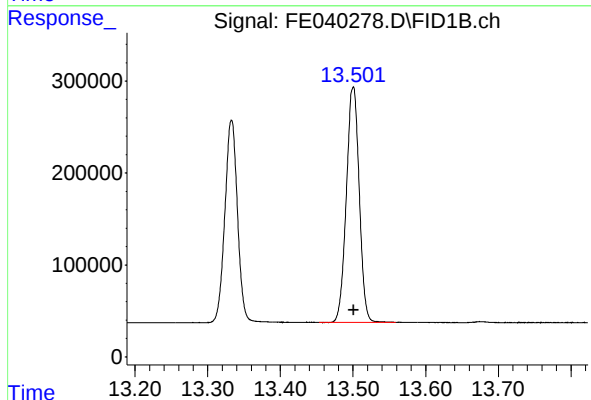
R.T.: 11.895 min
Delta R.T.: 0.000 min
Response: 3490183
Conc: 21.56 ug/ml

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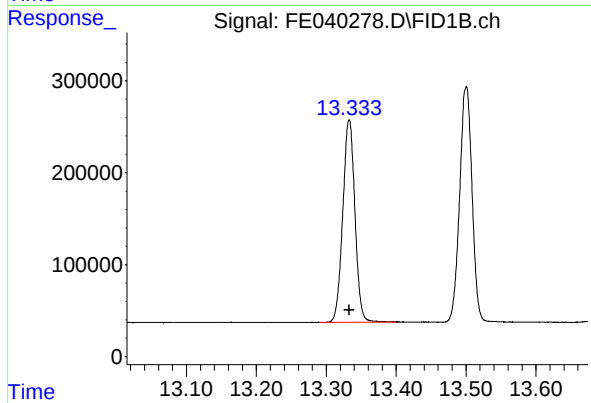
#10 n-Eicosane (C20)

R.T.: 12.888 min
Delta R.T.: 0.000 min
Response: 3145572
Conc: 21.40 ug/ml



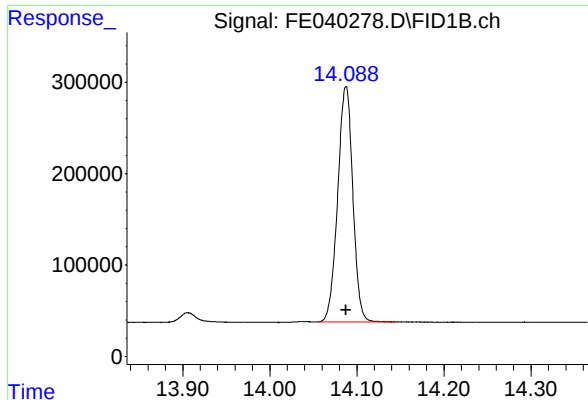
#11 n-Heneicosane (C21)

R.T.: 13.500 min
Delta R.T.: 0.000 min
Response: 3155720
Conc: 21.40 ug/ml



#12 1-chlorooctadecane (SURR)

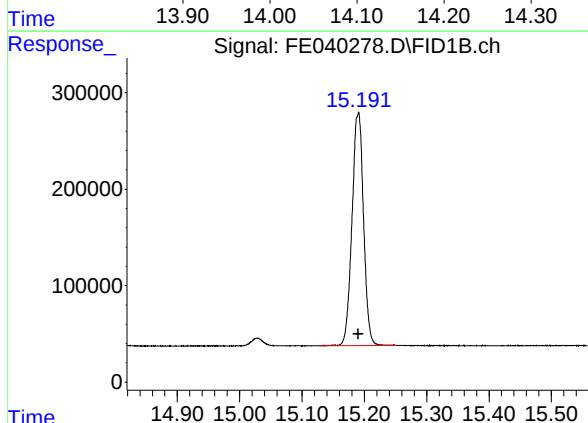
R.T.: 13.333 min
Delta R.T.: 0.000 min
Response: 2654740
Conc: 21.41 ug/ml



#13 n-Docosane (C22)

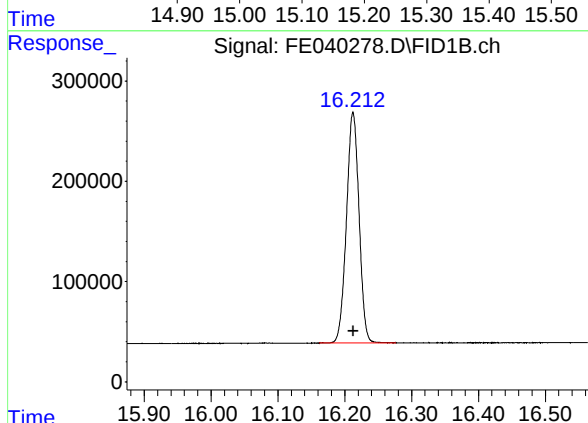
R.T.: 14.088 min
Delta R.T.: 0.000 min
Response: 3120224
Conc: 21.06 ug/ml

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20 PPM ALIPHATIC HC STD



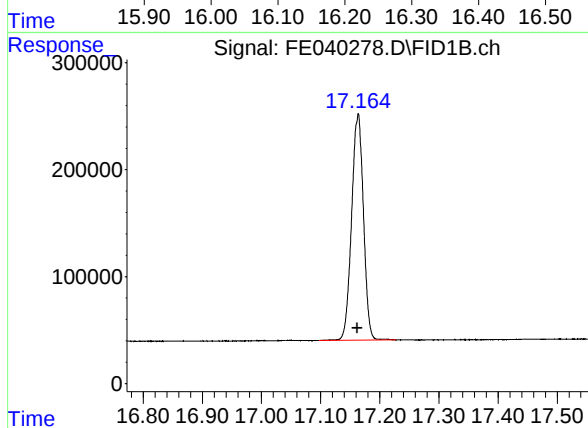
#14 n-Tetracosane (C24)

R.T.: 15.190 min
Delta R.T.: 0.000 min
Response: 3105610
Conc: 20.46 ug/ml



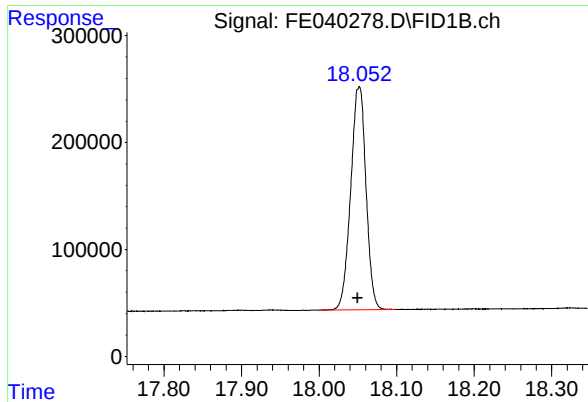
#15 n-Hexacosane (C26)

R.T.: 16.212 min
Delta R.T.: 0.000 min
Response: 3009853
Conc: 20.30 ug/ml



#16 n-Octacosane (C28)

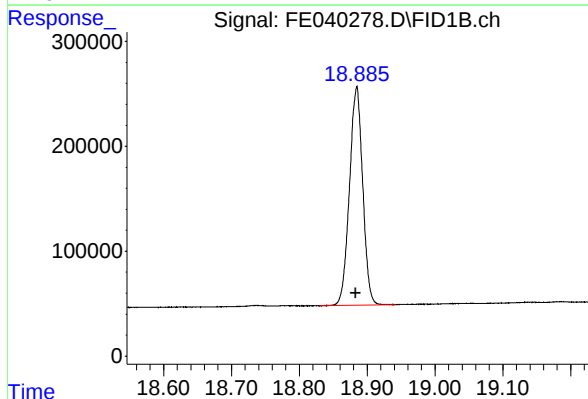
R.T.: 17.164 min
Delta R.T.: 0.001 min
Response: 2948285
Conc: 19.67 ug/ml



#17 n-Tricontane (C30)

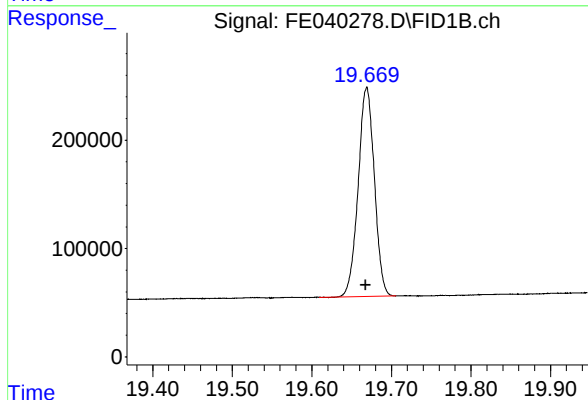
R.T.: 18.052 min
Delta R.T.: 0.002 min
Response: 2858826
Conc: 19.38 ug/ml

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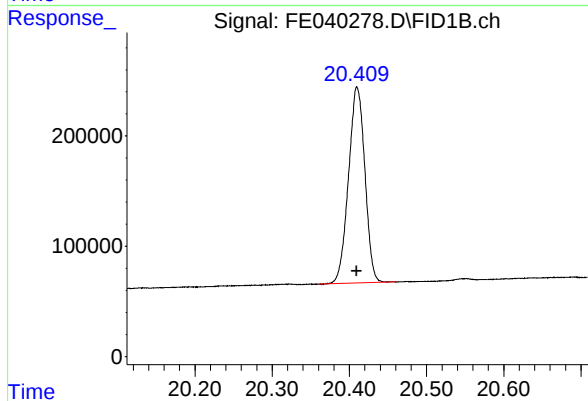
#18 n-Dotriacontane (C32)

R.T.: 18.885 min
Delta R.T.: 0.002 min
Response: 2824547
Conc: 19.29 ug/ml



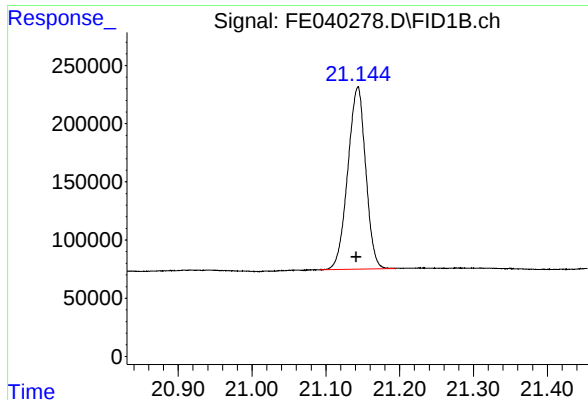
#19 n-Tetatriacontane (C34)

R.T.: 19.669 min
Delta R.T.: 0.001 min
Response: 2731032
Conc: 19.86 ug/ml



#20 n-Hexatriacontane (C36)

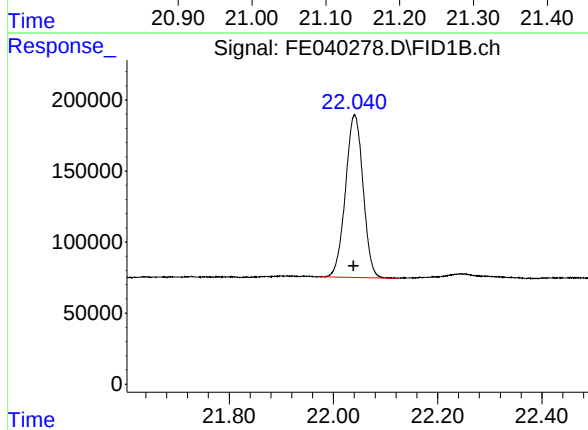
R.T.: 20.410 min
Delta R.T.: 0.000 min
Response: 2622382
Conc: 19.77 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.144 min
Delta R.T.: 0.003 min
Response: 2638579
Conc: 20.34 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.041 min
Delta R.T.: 0.002 min
Response: 2680935
Conc: 20.19 ug/ml