

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD101122AL\
 Data File : FD044082.D
 Signal(s) : FID2B.ch
 Acq On : 11 Oct 2022 10:01
 Operator : YP/AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 55 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: Oct 12 07:02:32 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 100522.M
 Quant Title : GC Extractables
 QLast Update : Thu Oct 06 01:41:44 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)	11.300	3390101	21.537 ug/ml
Spiked Amount 50.000		Recovery =	43.07%
12) S 1-chlorooctadecane (S...	12.716	2695212	21.431 ug/ml
Spiked Amount 50.000		Recovery =	42.86%
Target Compounds			
1) T n-Nonane (C9)	3.139	2857148	21.160 ug/ml
2) T n-Decane (C10)	4.187	2925204	21.773 ug/ml
3) T A~Naphthalene (C11.7)	5.758	2868336	21.468 ug/ml
4) T n-Dodecane (C12)	6.182	3013035	21.684 ug/ml
5) T A~2-methylnaphthalene...	6.804	2519334	19.375 ug/ml
6) T n-Tetradecane (C14)	7.961	3013401	21.645 ug/ml
7) T n-Hexadecane (C16)	9.549	3065360	21.732 ug/ml
8) T n-Octadecane (C18)	10.978	3139224	21.589 ug/ml
10) T n-Eicosane (C20)	12.276	3211674	21.659 ug/ml
11) T n-Heneicosane (C21)	12.882	3211670	21.407 ug/ml
13) T n-Docosane (C22)	13.463	3370607	22.419 ug/ml
14) T n-Tetracosane (C24)	14.554	3468961	22.983 ug/ml
15) T n-Hexacosane (C26)	15.565	3487725	23.035 ug/ml
16) T n-Octacosane (C28)	16.504	3524169	23.392 ug/ml
17) T n-Tricontane (C30)	17.381	3577844	23.343 ug/ml
18) T n-Dotriacontane (C32)	18.205	3483774	22.717 ug/ml
19) T n-Tetratriacontane (C34)	18.979	3195979	21.709 ug/ml
20) T n-Hexatriacontane (C36)	19.710	3036968	20.714 ug/ml
21) T n-Octatriacontane (C38)	20.400	2858559	20.490 ug/ml
22) T n-Tetracontane (C40)	21.157	2655993	20.422 ug/ml

(f)=RT Delta > 1/2 Window

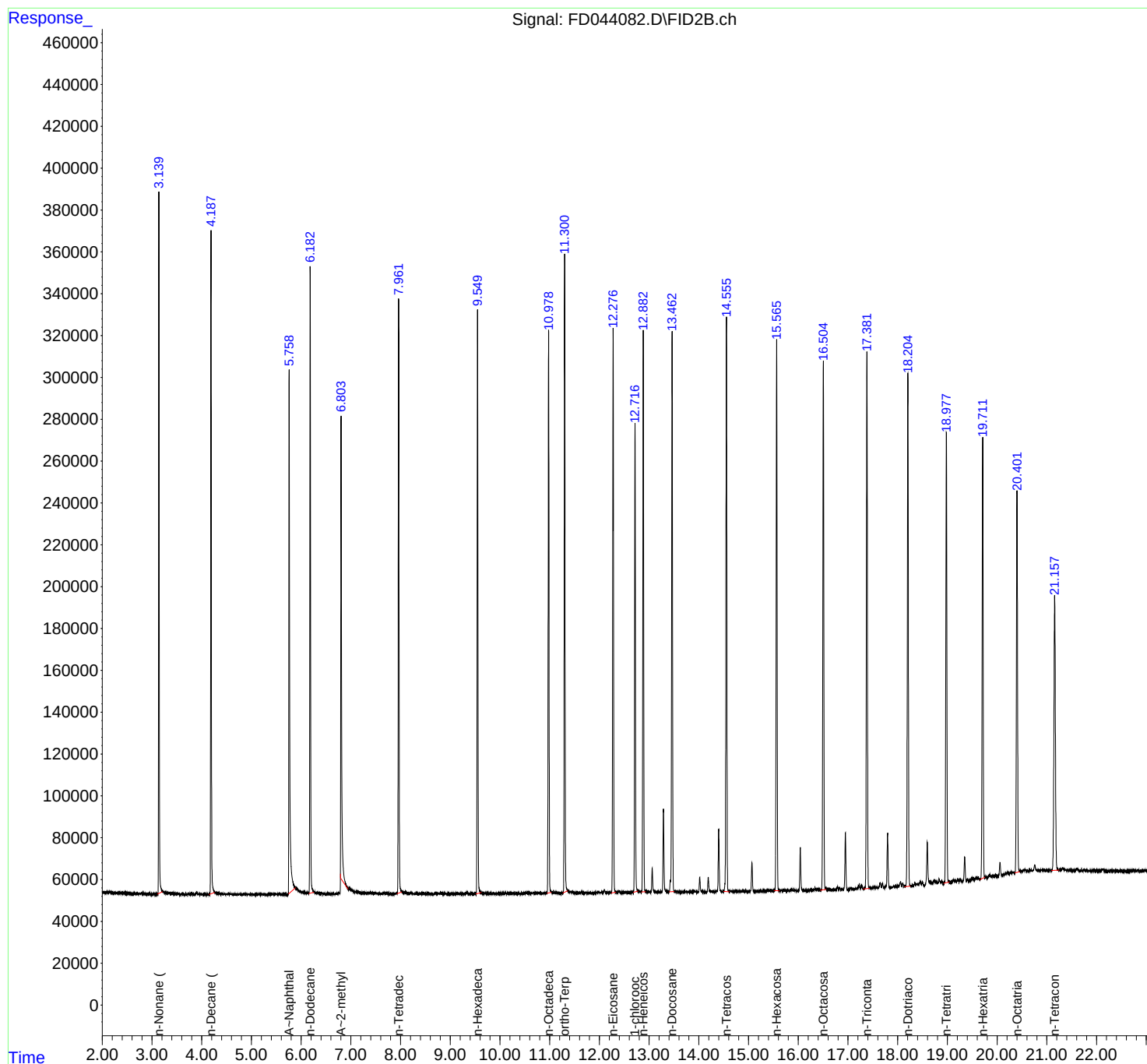
(m)=manual int.

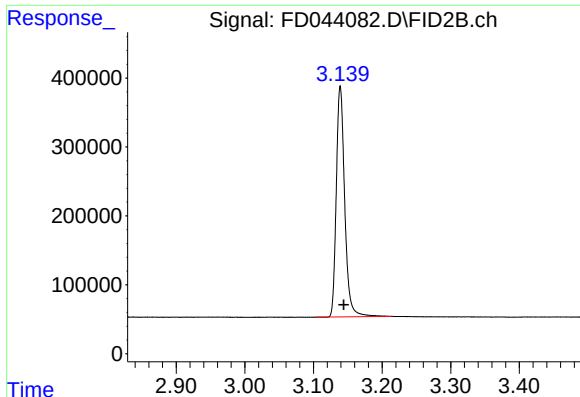
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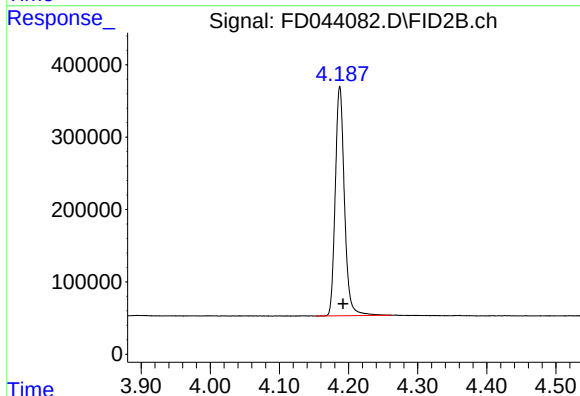




#1 n-Nonane (C9)

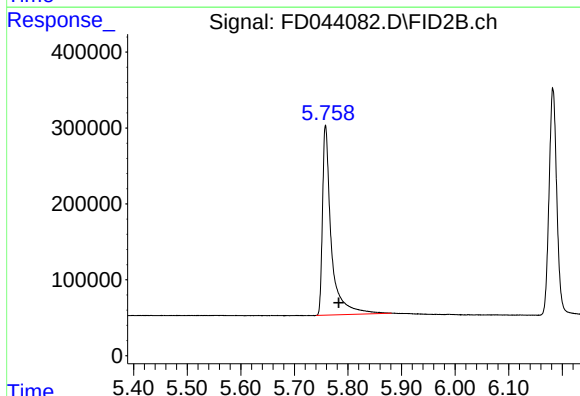
R.T.: 3.139 min
Delta R.T.: -0.005 min
Response: 2857148
Conc: 21.16 ug/ml

Instrument :
FID_D
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20 PPM ALIPHATIC HC STD



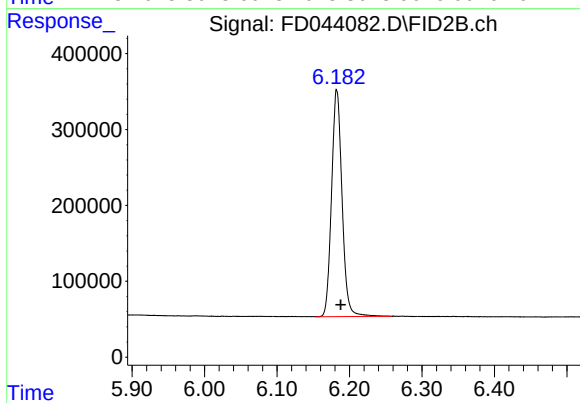
#2 n-Decane (C10)

R.T.: 4.187 min
Delta R.T.: -0.005 min
Response: 2925204
Conc: 21.77 ug/ml



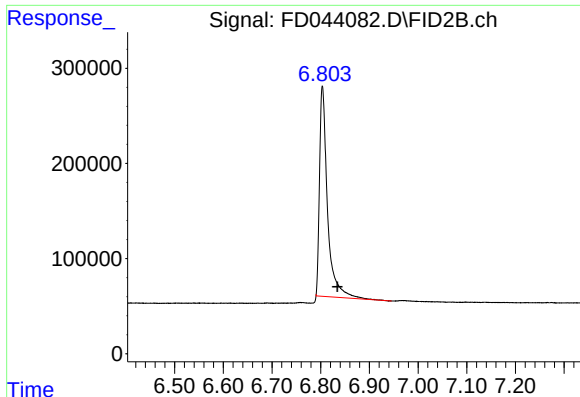
#3 A~Naphthalene (C11.7)

R.T.: 5.758 min
Delta R.T.: -0.025 min
Response: 2868336
Conc: 21.47 ug/ml



#4 n-Dodecane (C12)

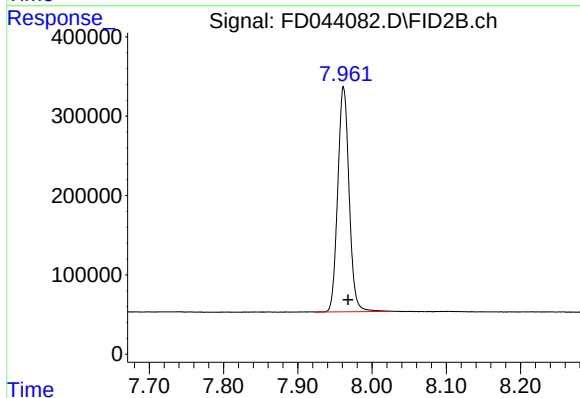
R.T.: 6.182 min
Delta R.T.: -0.005 min
Response: 3013035
Conc: 21.68 ug/ml



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

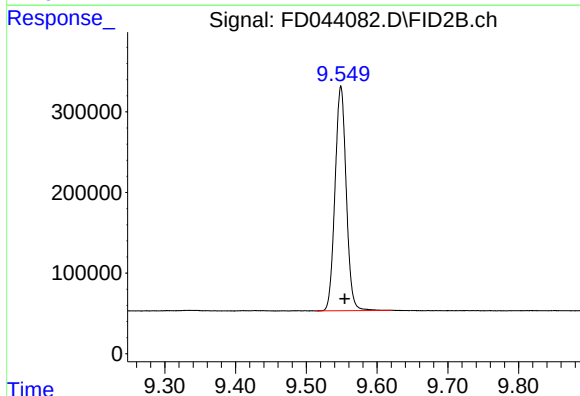
R.T.: 6.804 min
Delta R.T.: -0.031 min
Response: 2519334
Conc: 19.38 ug/ml

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20 PPM ALIPHATIC HC STD



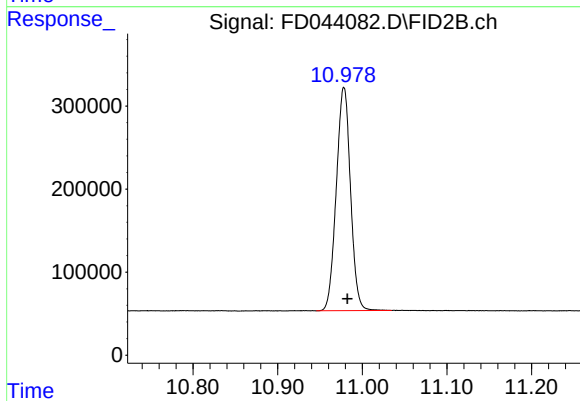
#6 n-Tetradecane (C14)

R.T.: 7.961 min
Delta R.T.: -0.006 min
Response: 3013401
Conc: 21.64 ug/ml



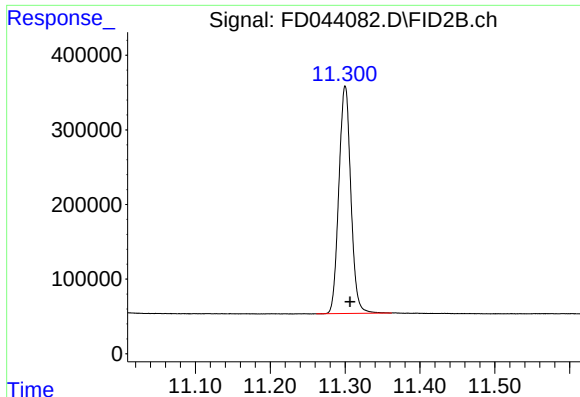
#7 n-Hexadecane (C16)

R.T.: 9.549 min
Delta R.T.: -0.005 min
Response: 3065360
Conc: 21.73 ug/ml



#8 n-Octadecane (C18)

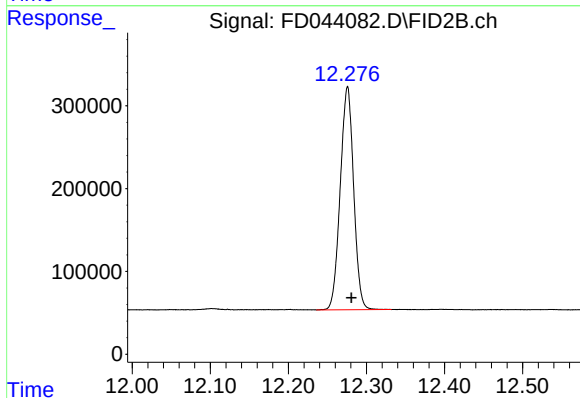
R.T.: 10.978 min
Delta R.T.: -0.004 min
Response: 3139224
Conc: 21.59 ug/ml



#9 ortho-Terphenyl (SURR)

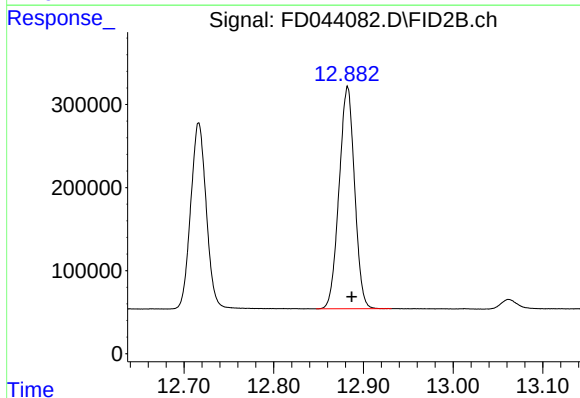
R.T.: 11.300 min
Delta R.T.: -0.007 min
Response: 3390101
Conc: 21.54 ug/ml

Instrument :
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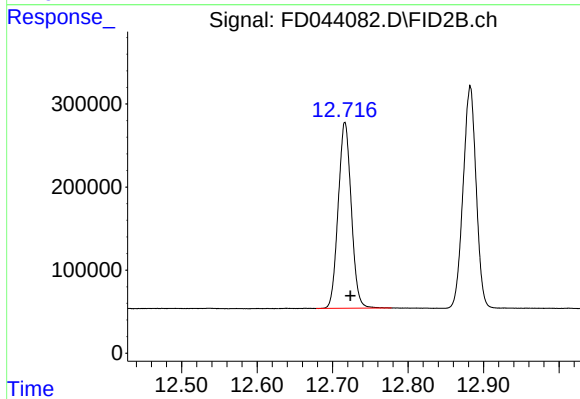
#10 n-Eicosane (C20)

R.T.: 12.276 min
Delta R.T.: -0.005 min
Response: 3211674
Conc: 21.66 ug/ml



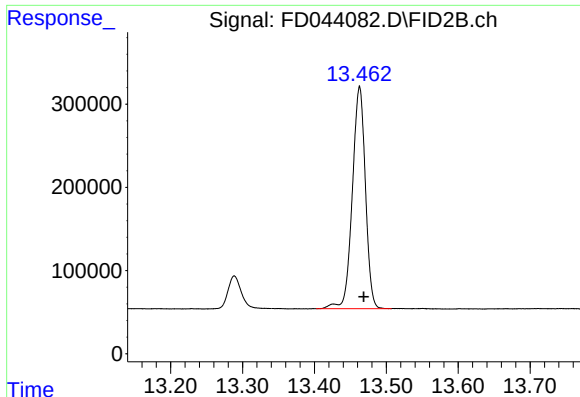
#11 n-Heneicosane (C21)

R.T.: 12.882 min
Delta R.T.: -0.005 min
Response: 3211670
Conc: 21.41 ug/ml



#12 1-chlorooctadecane (SURR)

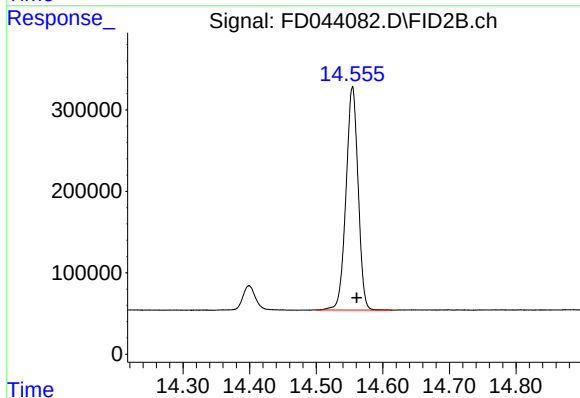
R.T.: 12.716 min
Delta R.T.: -0.007 min
Response: 2695212
Conc: 21.43 ug/ml



#13 n-Docosane (C22)

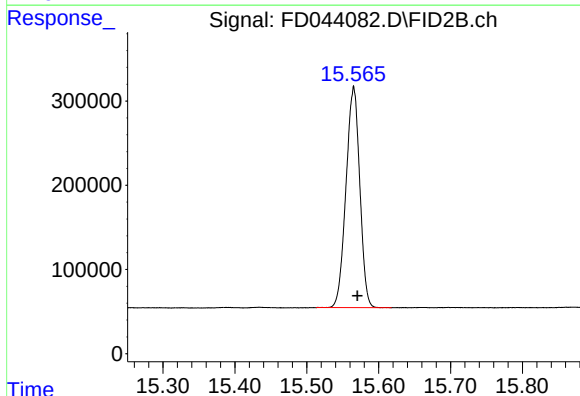
R.T.: 13.463 min
Delta R.T.: -0.006 min
Response: 3370607
Conc: 22.42 ug/ml

Instrument :
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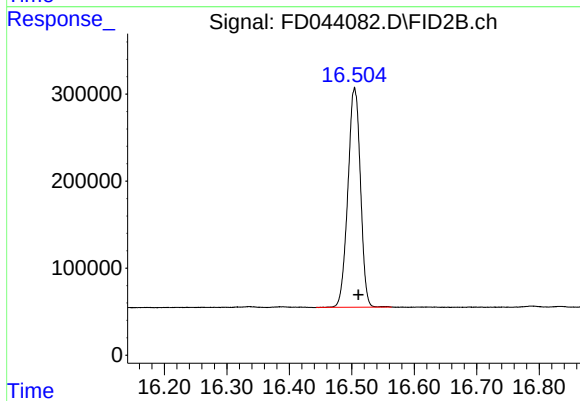
#14 n-Tetracosane (C24)

R.T.: 14.554 min
Delta R.T.: -0.006 min
Response: 3468961
Conc: 22.98 ug/ml



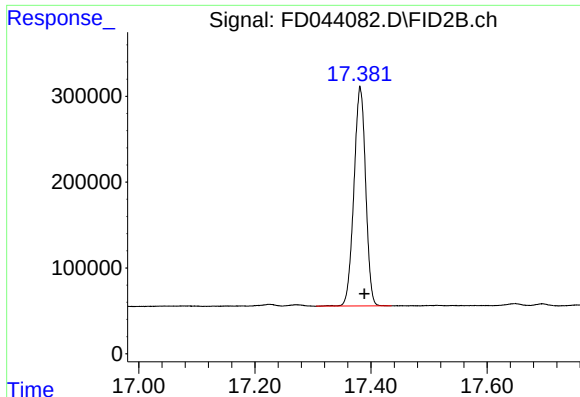
#15 n-Hexacosane (C26)

R.T.: 15.565 min
Delta R.T.: -0.005 min
Response: 3487725
Conc: 23.03 ug/ml



#16 n-Octacosane (C28)

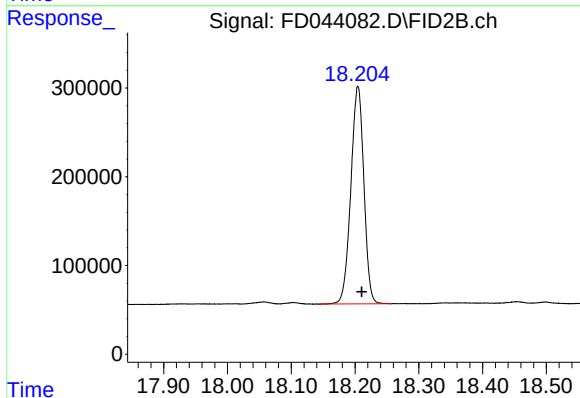
R.T.: 16.504 min
Delta R.T.: -0.006 min
Response: 3524169
Conc: 23.39 ug/ml



#17 n-Tricontane (C30)

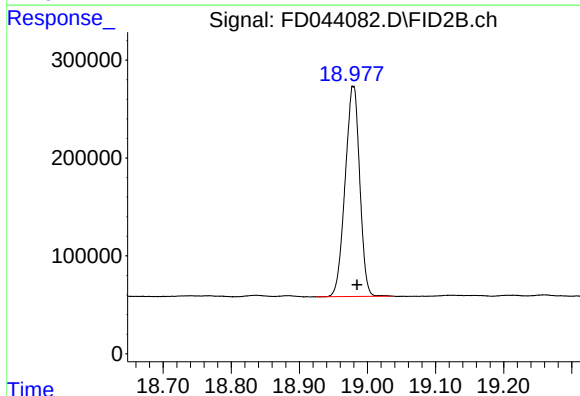
R.T.: 17.381 min
Delta R.T.: -0.007 min
Response: 3577844
Conc: 23.34 ug/ml

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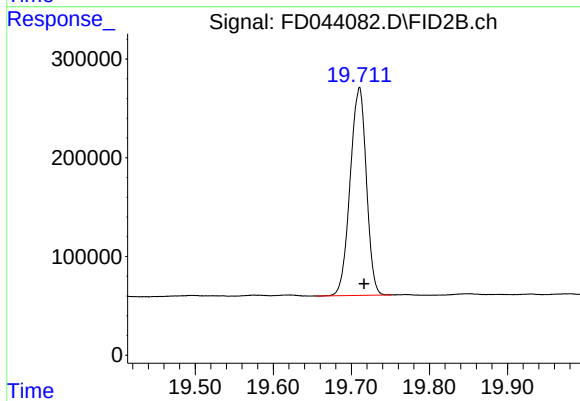
#18 n-Dotriacontane (C32)

R.T.: 18.205 min
Delta R.T.: -0.006 min
Response: 3483774
Conc: 22.72 ug/ml



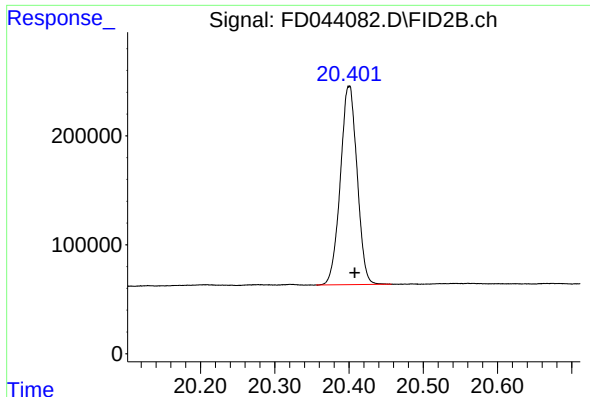
#19 n-Tetratriacontane (C34)

R.T.: 18.979 min
Delta R.T.: -0.006 min
Response: 3195979
Conc: 21.71 ug/ml



#20 n-Hexatriacontane (C36)

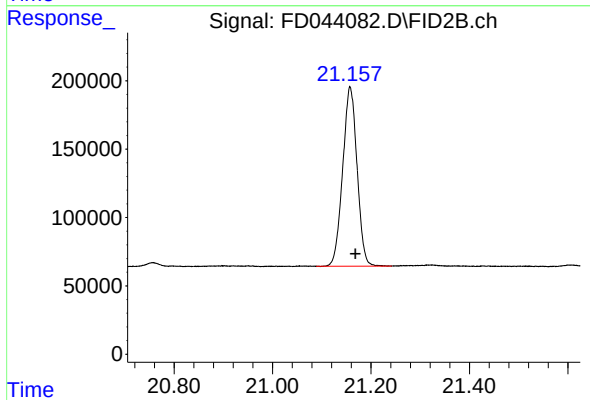
R.T.: 19.710 min
Delta R.T.: -0.006 min
Response: 3036968
Conc: 20.71 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.400 min
Delta R.T.: -0.007 min
Response: 2858559
Conc: 20.49 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.157 min
Delta R.T.: -0.011 min
Response: 2655993
Conc: 20.42 ug/ml