

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD092722AL\
 Data File : FD043961.D
 Signal(s) : FID2B.ch
 Acq On : 27 Sep 2022 10:22
 Operator : YP/AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 53 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: sample.E
 Quant Time: Sep 28 02:26:30 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 090722.M
 Quant Title : GC Extractables
 QLast Update : Wed Sep 07 17:10:44 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)	11.310	3722408	21.765 ug/ml
Spiked Amount 50.000		Recovery =	43.53%
12) S 1-chlorooctadecane (S...	12.728	2910622	21.875 ug/ml
Spiked Amount 50.000		Recovery =	43.75%
Target Compounds			
1) T n-Nonane (C9)	3.141	3220612	22.364 ug/ml
2) T n-Decane (C10)	4.191	3266336	22.525 ug/ml
3) T A~Naphthalene (C11.7)	5.762	3333334	23.561 ug/ml
4) T n-Dodecane (C12)	6.189	3327540	22.243 ug/ml
5) T A~2-methylnaphthalene...	6.808	3305775	23.953 ug/ml
6) T n-Tetradecane (C14)	7.969	3378222	22.384 ug/ml
7) T n-Hexadecane (C16)	9.557	3430931	22.431 ug/ml
8) T n-Octadecane (C18)	10.988	3487044	22.116 ug/ml
10) T n-Eicosane (C20)	12.287	3503299	21.894 ug/ml
11) T n-Heneicosane (C21)	12.893	3490414	21.636 ug/ml
13) T n-Docosane (C22)	13.474	3463754	21.542 ug/ml
14) T n-Tetracosane (C24)	14.567	3417916	21.567 ug/ml
15) T n-Hexacosane (C26)	15.579	3300249	21.190 ug/ml
16) T n-Octacosane (C28)	16.518	3164722	20.902 ug/ml
17) T n-Tricontane (C30)	17.397	3143604	21.098 ug/ml
18) T n-Dotriacontane (C32)	18.220	3026195	21.199 ug/ml
19) T n-Tetratriacontane (C34)	18.994	2603981	19.923 ug/ml
20) T n-Hexatriacontane (C36)	19.725	2257441	18.239 ug/ml
21) T n-Octatriacontane (C38)	20.417	2021407	17.303 ug/ml
22) T n-Tetracontane (C40)	21.179	1881898	17.027 ug/ml

(f)=RT Delta > 1/2 Window

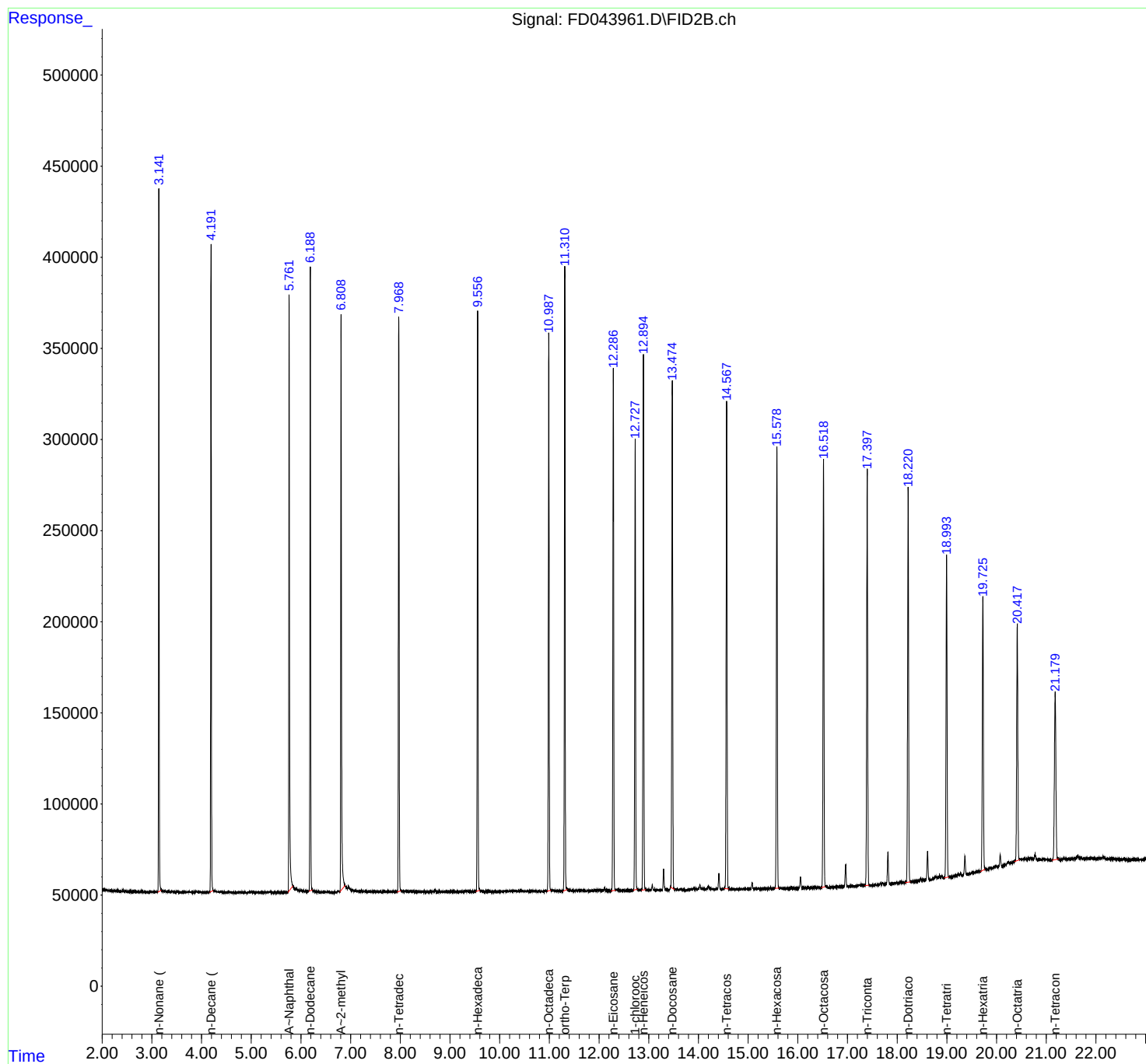
(m)=manual int.

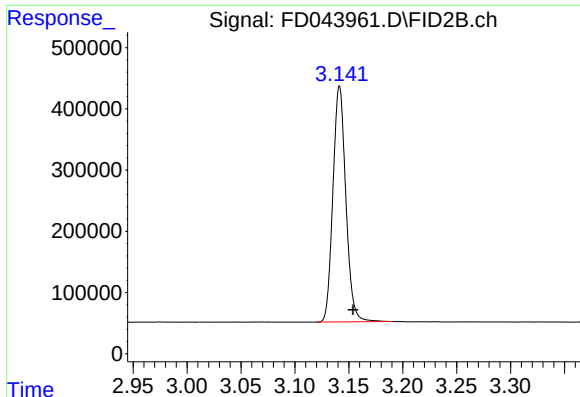
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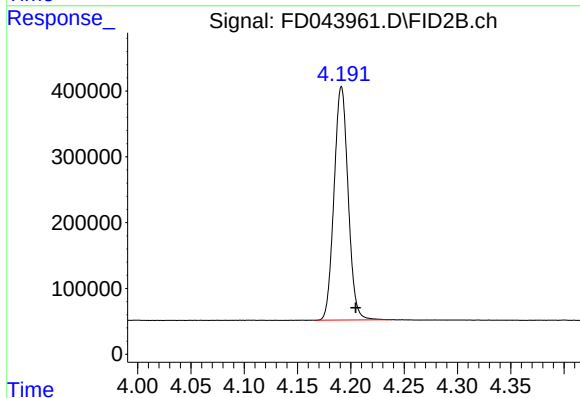




#1 n-Nonane (C9)

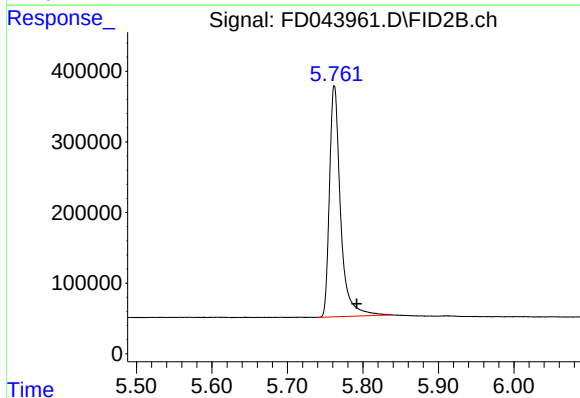
R.T.: 3.141 min
Delta R.T.: -0.013 min
Response: 3220612
Conc: 22.36 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM ALIPHATIC HC STD



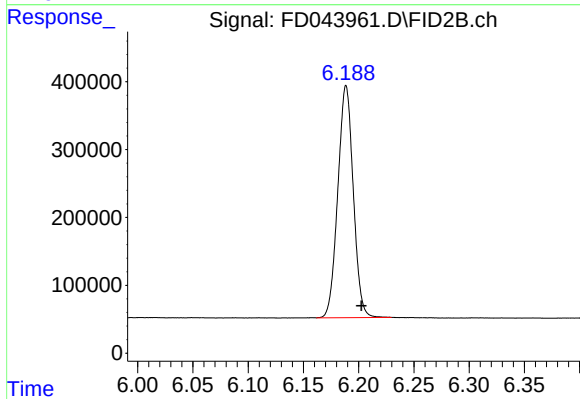
#2 n-Decane (C10)

R.T.: 4.191 min
Delta R.T.: -0.013 min
Response: 3266336
Conc: 22.53 ug/ml



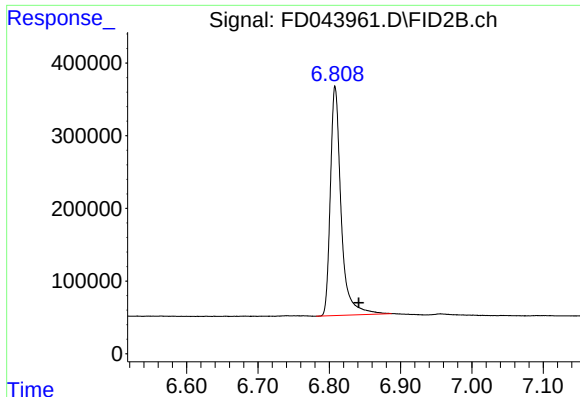
#3 A~Naphthalene (C11.7)

R.T.: 5.762 min
Delta R.T.: -0.029 min
Response: 3333334
Conc: 23.56 ug/ml



#4 n-Dodecane (C12)

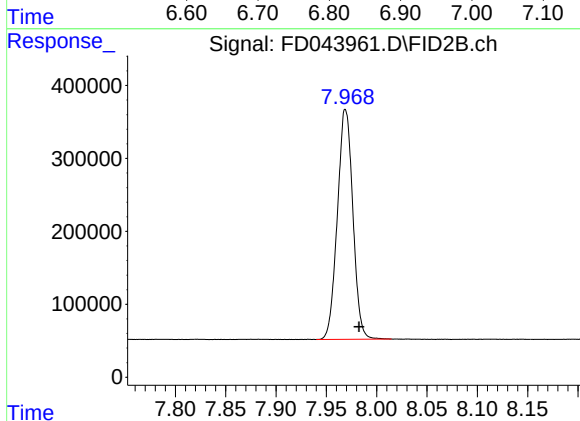
R.T.: 6.189 min
Delta R.T.: -0.014 min
Response: 3327540
Conc: 22.24 ug/ml



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

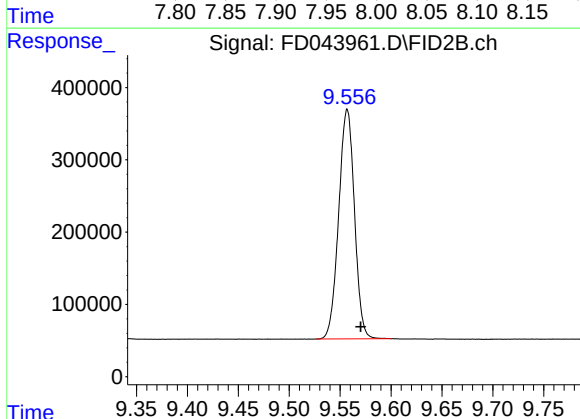
R.T.: 6.808 min
Delta R.T.: -0.033 min
Response: 3305775
Conc: 23.95 ug/ml

Instrument :
FID_D
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20 PPM ALIPHATIC HC STD



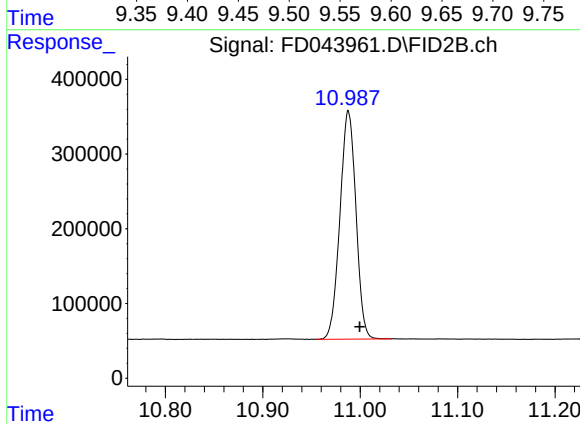
#6 n-Tetradecane (C14)

R.T.: 7.969 min
Delta R.T.: -0.014 min
Response: 3378222
Conc: 22.38 ug/ml



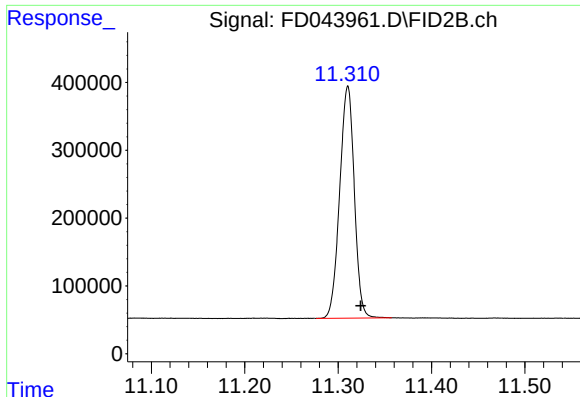
#7 n-Hexadecane (C16)

R.T.: 9.557 min
Delta R.T.: -0.013 min
Response: 3430931
Conc: 22.43 ug/ml



#8 n-Octadecane (C18)

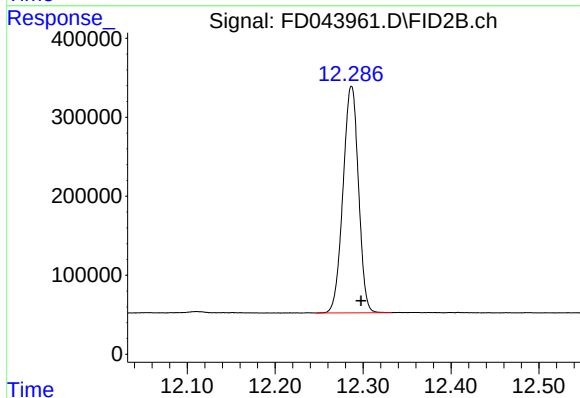
R.T.: 10.988 min
Delta R.T.: -0.012 min
Response: 3487044
Conc: 22.12 ug/ml



#9 ortho-Terphenyl (SURR)

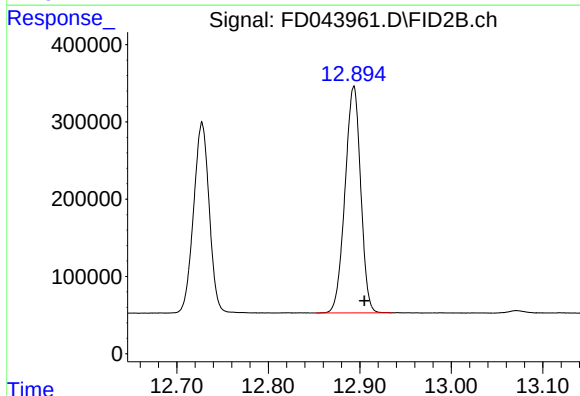
R.T.: 11.310 min
Delta R.T.: -0.014 min
Response: 3722408
Conc: 21.77 ug/ml

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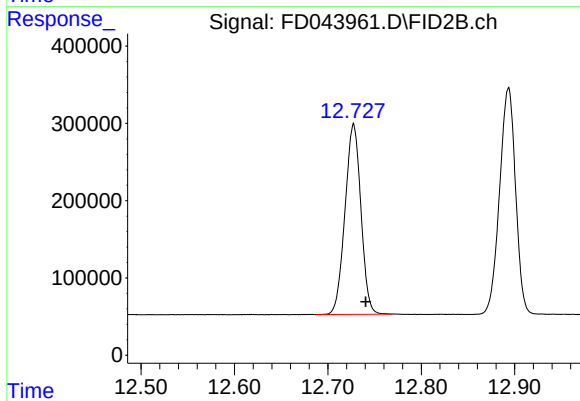
#10 n-Eicosane (C20)

R.T.: 12.287 min
Delta R.T.: -0.011 min
Response: 3503299
Conc: 21.89 ug/ml



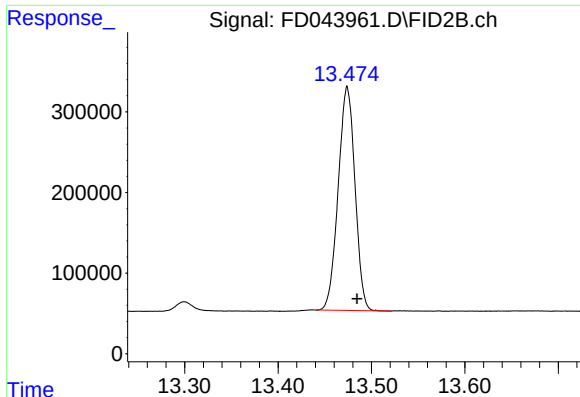
#11 n-Heneicosane (C21)

R.T.: 12.893 min
Delta R.T.: -0.011 min
Response: 3490414
Conc: 21.64 ug/ml



#12 1-chlorooctadecane (SURR)

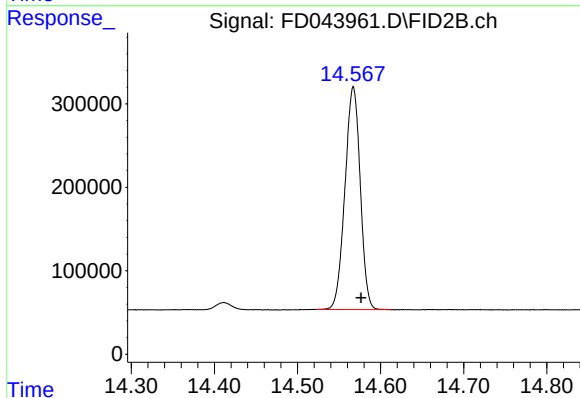
R.T.: 12.728 min
Delta R.T.: -0.013 min
Response: 2910622
Conc: 21.87 ug/ml



#13 n-Docosane (C22)

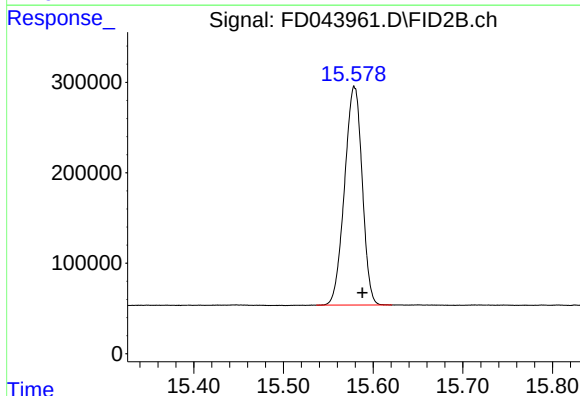
R.T.: 13.474 min
Delta R.T.: -0.010 min
Response: 3463754
Conc: 21.54 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM ALIPHATIC HC STD



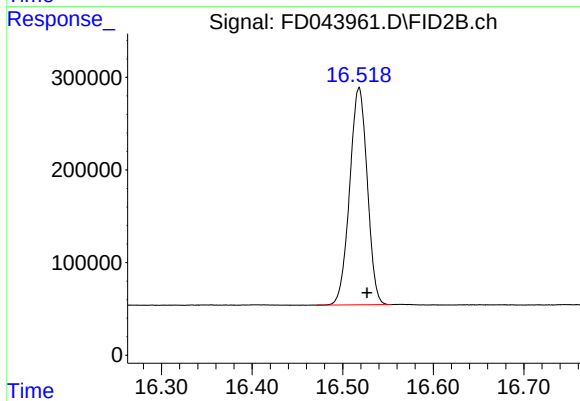
#14 n-Tetracosane (C24)

R.T.: 14.567 min
Delta R.T.: -0.009 min
Response: 3417916
Conc: 21.57 ug/ml



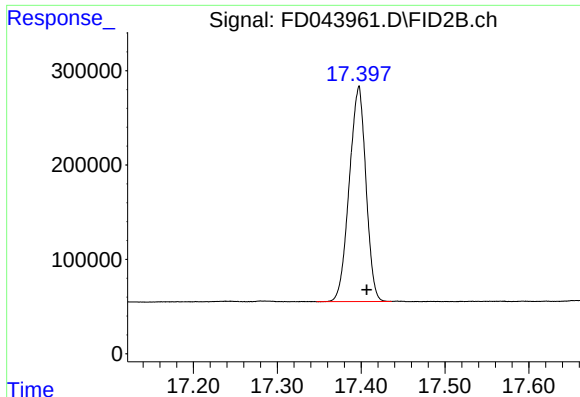
#15 n-Hexacosane (C26)

R.T.: 15.579 min
Delta R.T.: -0.009 min
Response: 3300249
Conc: 21.19 ug/ml



#16 n-Octacosane (C28)

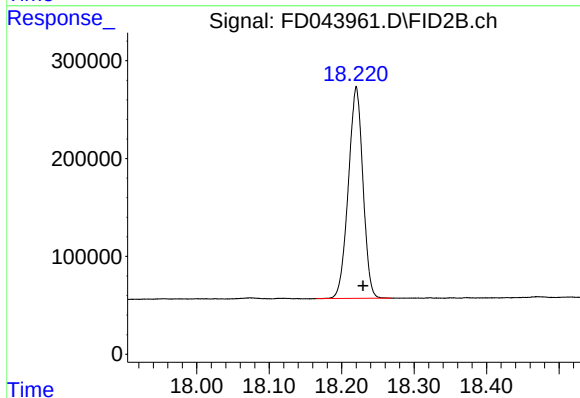
R.T.: 16.518 min
Delta R.T.: -0.009 min
Response: 3164722
Conc: 20.90 ug/ml



#17 n-Tricontane (C30)

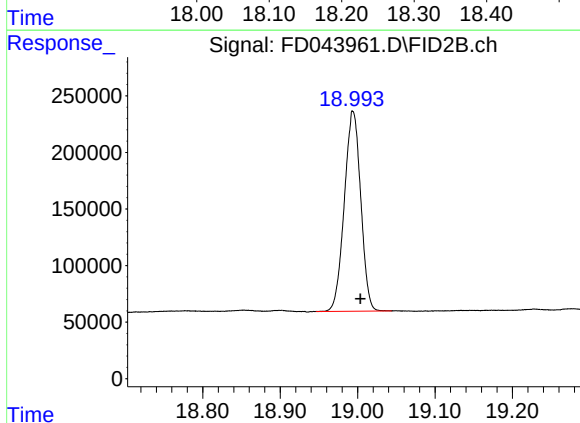
R.T.: 17.397 min
Delta R.T.: -0.009 min
Response: 3143604
Conc: 21.10 ug/ml

Instrument :
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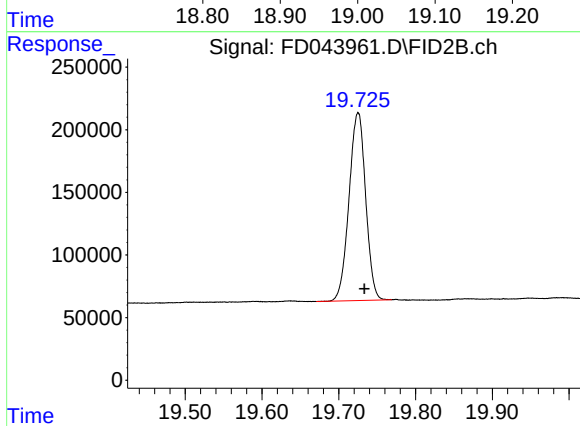
#18 n-Dotriacontane (C32)

R.T.: 18.220 min
Delta R.T.: -0.009 min
Response: 3026195
Conc: 21.20 ug/ml



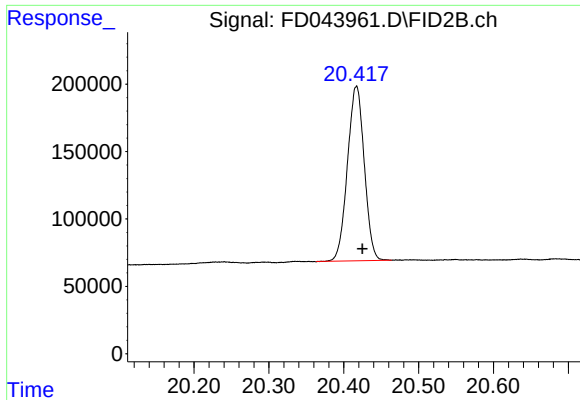
#19 n-Tetratriacontane (C34)

R.T.: 18.994 min
Delta R.T.: -0.009 min
Response: 2603981
Conc: 19.92 ug/ml



#20 n-Hexatriacontane (C36)

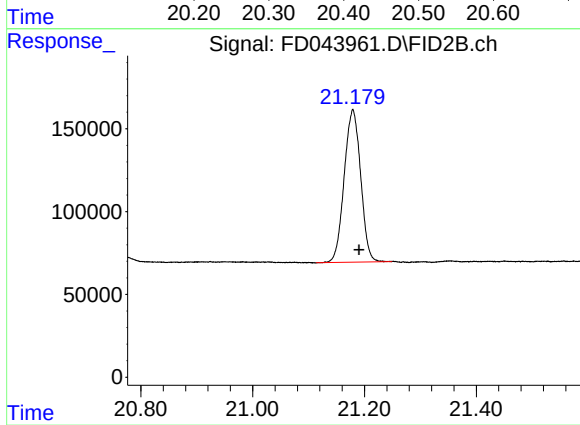
R.T.: 19.725 min
Delta R.T.: -0.008 min
Response: 2257441
Conc: 18.24 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.417 min
Delta R.T.: -0.008 min
Response: 2021407
Conc: 17.30 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.179 min
Delta R.T.: -0.011 min
Response: 1881898
Conc: 17.03 ug/ml