

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD092722AL\
 Data File : FD043976.D
 Signal(s) : FID2B.ch
 Acq On : 28 Sep 2022 01:46
 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 02:29:45 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	3685072	21.547 ug/ml
Spiked Amount 50.000		Recovery =	43.09%
12) S 1-chlorooctadecane (S...	12.727	2893336	21.745 ug/ml
Spiked Amount 50.000		Recovery =	43.49%
Target Compounds			
1) T n-Nonane (C9)	3.143	3278786	22.767 ug/ml
2) T n-Decane (C10)	4.192	3330967	22.971 ug/ml
3) T A~Naphthalene (C11.7)	5.763	3454495	24.417 ug/ml
4) T n-Dodecane (C12)	6.190	3403035	22.748 ug/ml
5) T A~2-methylnaphthalene...	6.809	3398433	24.625 ug/ml
6) T n-Tetradecane (C14)	7.970	3447385	22.842 ug/ml
7) T n-Hexadecane (C16)	9.558	3504329	22.911 ug/ml
8) T n-Octadecane (C18)	10.988	3533626	22.412 ug/ml
10) T n-Eicosane (C20)	12.286	3493847	21.835 ug/ml
11) T n-Heneicosane (C21)	12.893	3442397	21.339 ug/ml
13) T n-Docosane (C22)	13.474	3489885	21.704 ug/ml
14) T n-Tetracosane (C24)	14.566	3389427	21.388 ug/ml
15) T n-Hexacosane (C26)	15.578	3248262	20.856 ug/ml
16) T n-Octacosane (C28)	16.518	3139970	20.738 ug/ml
17) T n-Tricontane (C30)	17.397	3155563	21.179 ug/ml
18) T n-Dotriacontane (C32)	18.220	3061677	21.448 ug/ml
19) T n-Tetratriacontane (C34)	18.993	2659836	20.351 ug/ml
20) T n-Hexatriacontane (C36)	19.724	2324981	18.785 ug/ml
21) T n-Octatriacontane (C38)	20.416	2085612	17.852 ug/ml
22) T n-Tetracontane (C40)	21.178	1952971	17.670 ug/ml

(f)=RT Delta > 1/2 Window

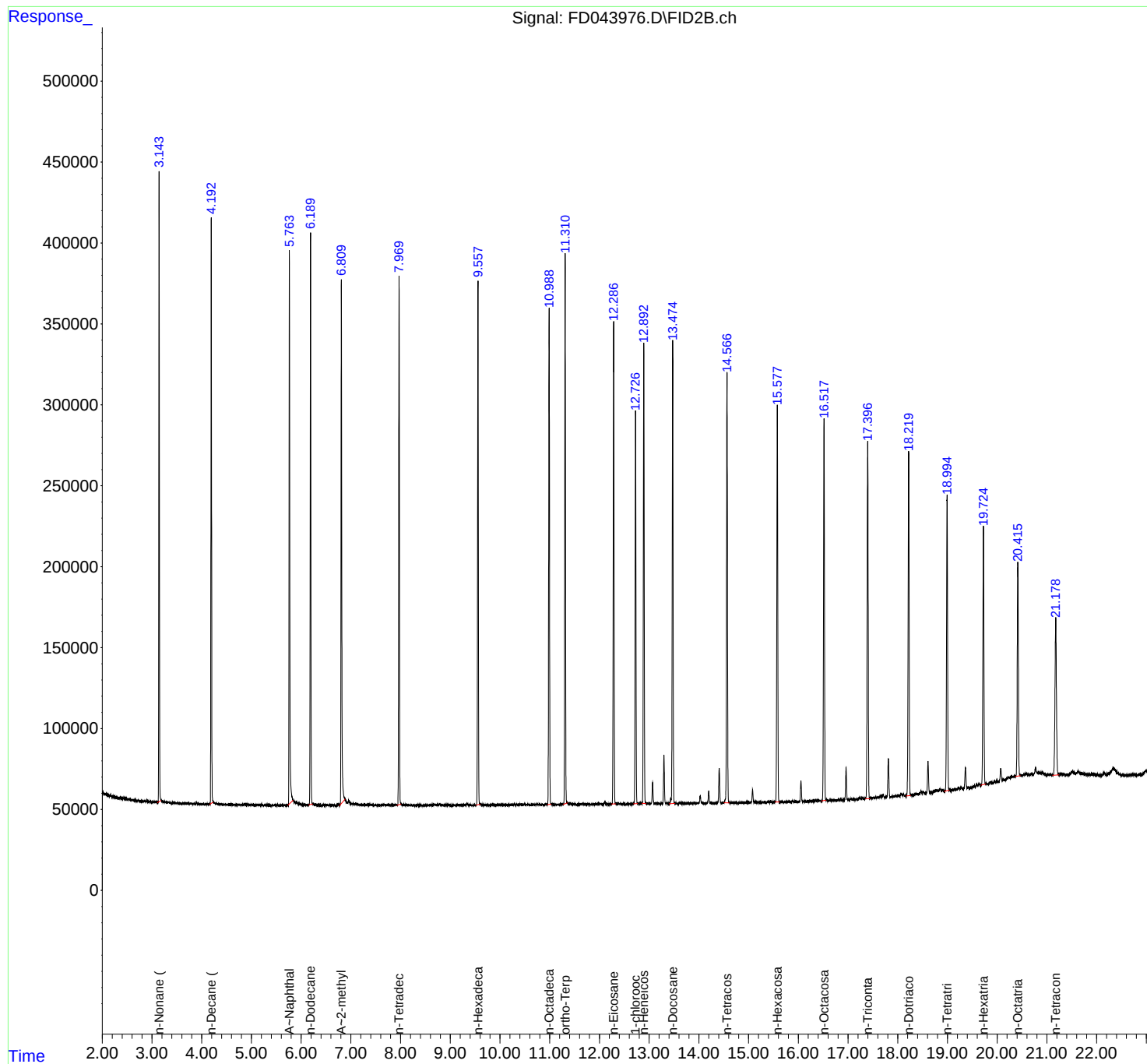
(m)=manual int.

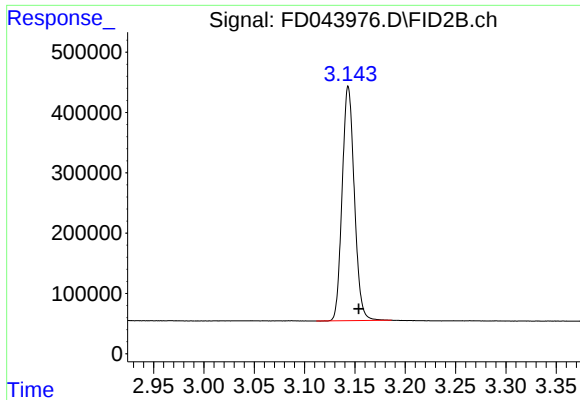
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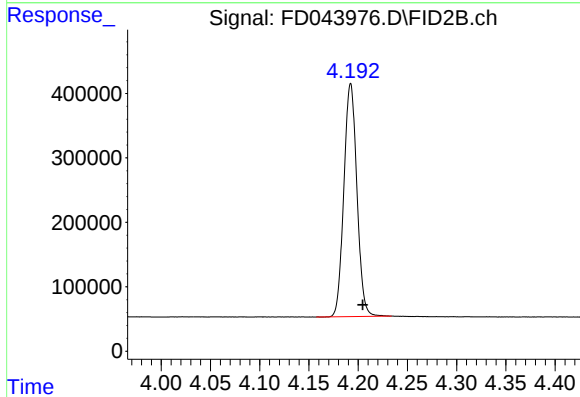




#1 n-Nonane (C9)

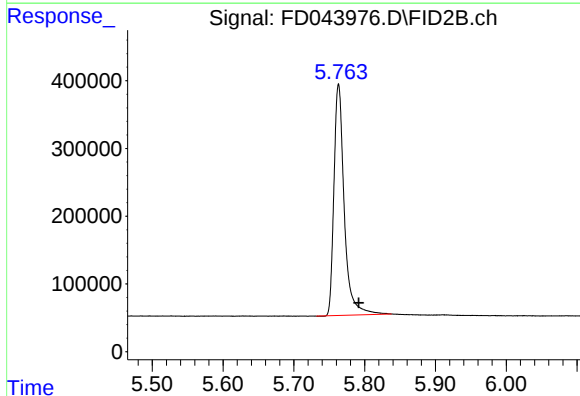
R.T.: 3.143 min
Delta R.T.: -0.011 min
Response: 3278786
Conc: 22.77 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM ALIPHATIC HC STD



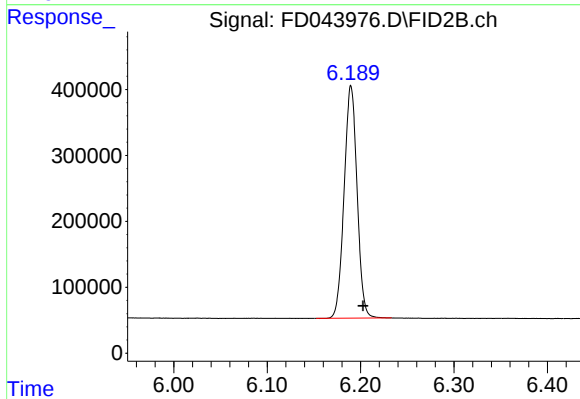
#2 n-Decane (C10)

R.T.: 4.192 min
Delta R.T.: -0.012 min
Response: 3330967
Conc: 22.97 ug/ml



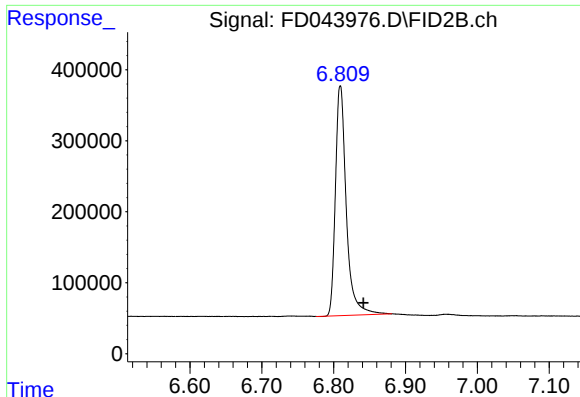
#3 A~Naphthalene (C11.7)

R.T.: 5.763 min
Delta R.T.: -0.028 min
Response: 3454495
Conc: 24.42 ug/ml



#4 n-Dodecane (C12)

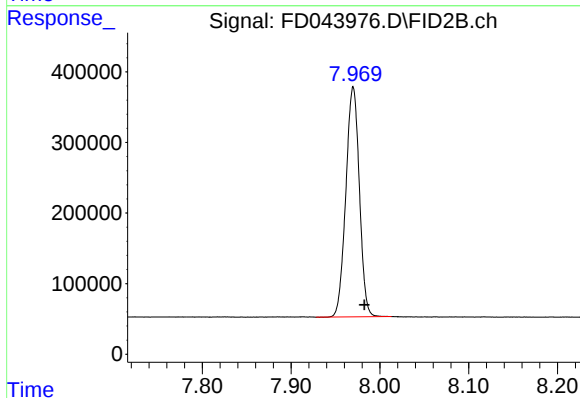
R.T.: 6.190 min
Delta R.T.: -0.013 min
Response: 3403035
Conc: 22.75 ug/ml



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

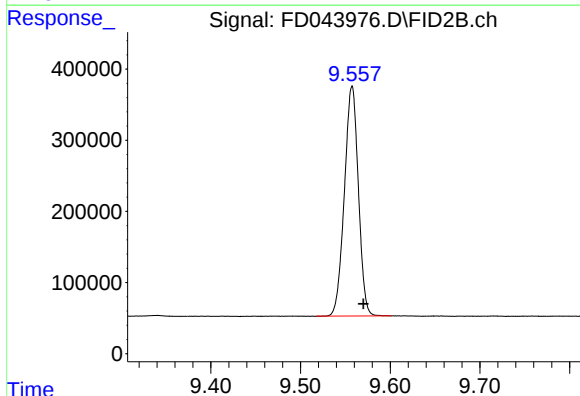
R.T.: 6.809 min
Delta R.T.: -0.032 min
Response: 3398433
Conc: 24.62 ug/ml

Instrument :
FID_D
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20 PPM ALIPHATIC HC STD



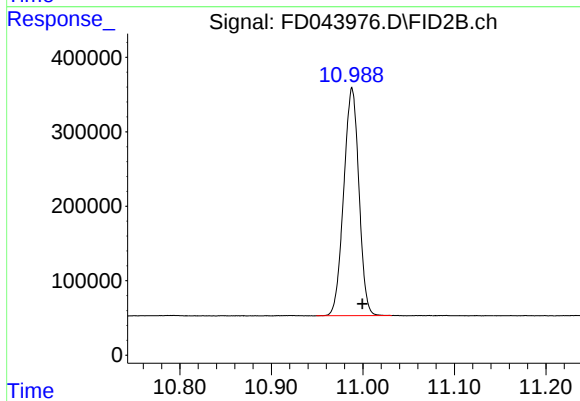
#6 n-Tetradecane (C14)

R.T.: 7.970 min
Delta R.T.: -0.013 min
Response: 3447385
Conc: 22.84 ug/ml



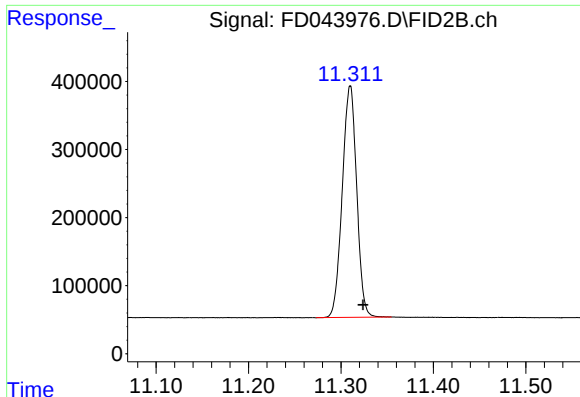
#7 n-Hexadecane (C16)

R.T.: 9.558 min
Delta R.T.: -0.013 min
Response: 3504329
Conc: 22.91 ug/ml



#8 n-Octadecane (C18)

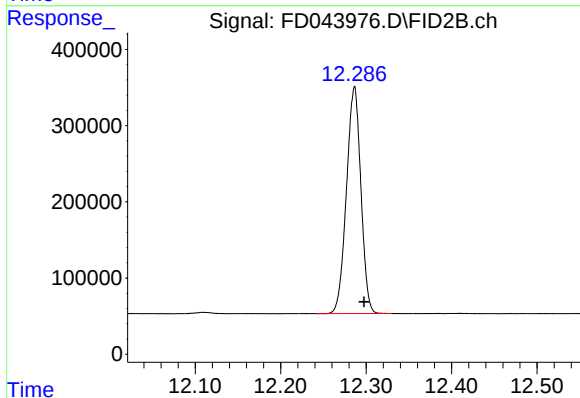
R.T.: 10.988 min
Delta R.T.: -0.011 min
Response: 3533626
Conc: 22.41 ug/ml



#9 ortho-Terphenyl (SURR)

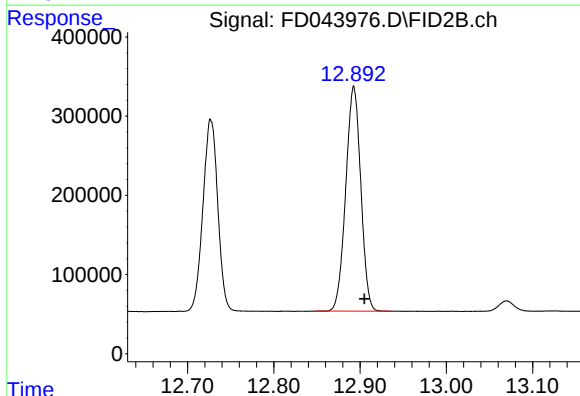
R.T.: 11.310 min
Delta R.T.: -0.014 min
Response: 3685072
Conc: 21.55 ug/ml

Instrument :
FID_D
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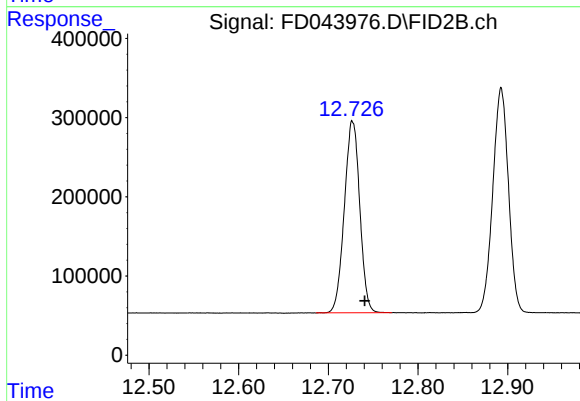
#10 n-Eicosane (C20)

R.T.: 12.286 min
Delta R.T.: -0.011 min
Response: 3493847
Conc: 21.83 ug/ml



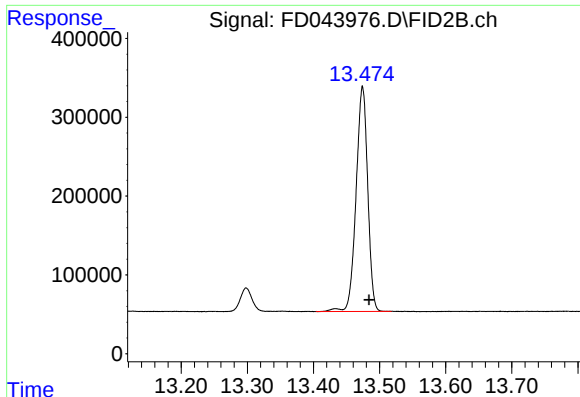
#11 n-Heneicosane (C21)

R.T.: 12.893 min
Delta R.T.: -0.012 min
Response: 3442397
Conc: 21.34 ug/ml



#12 1-chlorooctadecane (SURR)

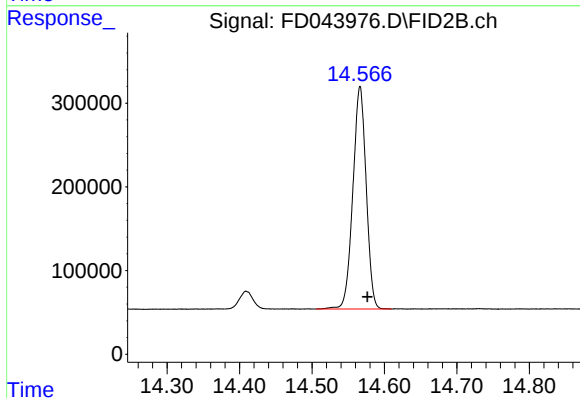
R.T.: 12.727 min
Delta R.T.: -0.014 min
Response: 2893336
Conc: 21.74 ug/ml



#13 n-Docosane (C22)

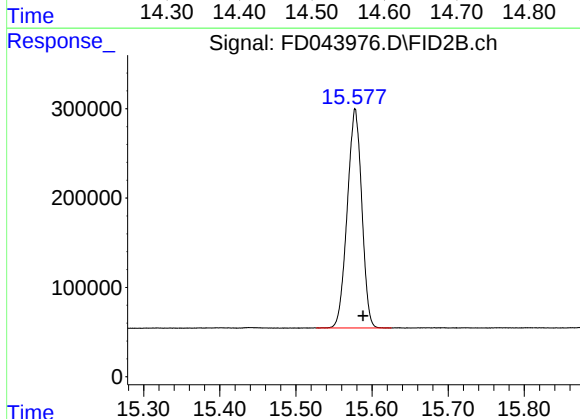
R.T.: 13.474 min
Delta R.T.: -0.010 min
Response: 3489885
Conc: 21.70 ug/ml

Instrument :
FID_D
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20 PPM ALIPHATIC HC STD



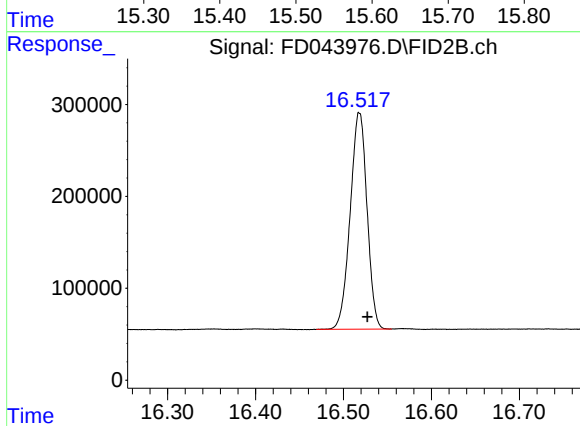
#14 n-Tetracosane (C24)

R.T.: 14.566 min
Delta R.T.: -0.010 min
Response: 3389427
Conc: 21.39 ug/ml



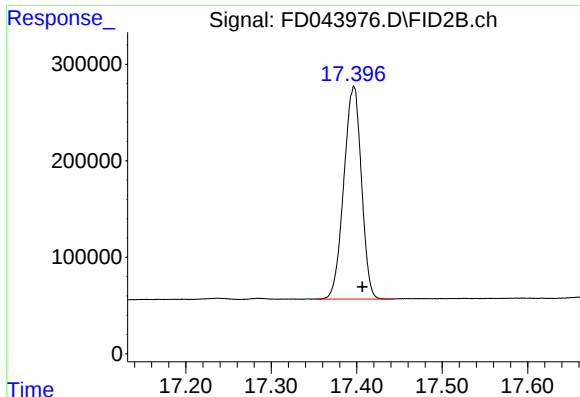
#15 n-Hexacosane (C26)

R.T.: 15.578 min
Delta R.T.: -0.010 min
Response: 3248262
Conc: 20.86 ug/ml



#16 n-Octacosane (C28)

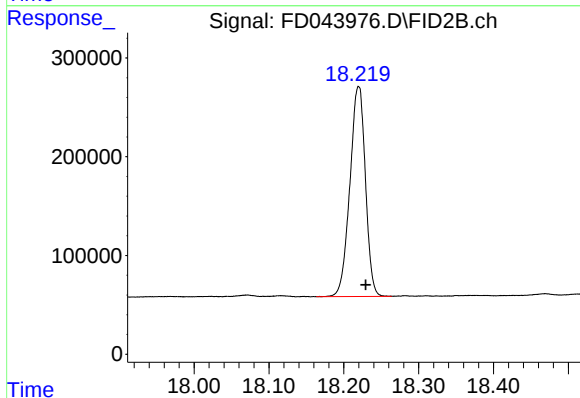
R.T.: 16.518 min
Delta R.T.: -0.009 min
Response: 3139970
Conc: 20.74 ug/ml



#17 n-Tricontane (C30)

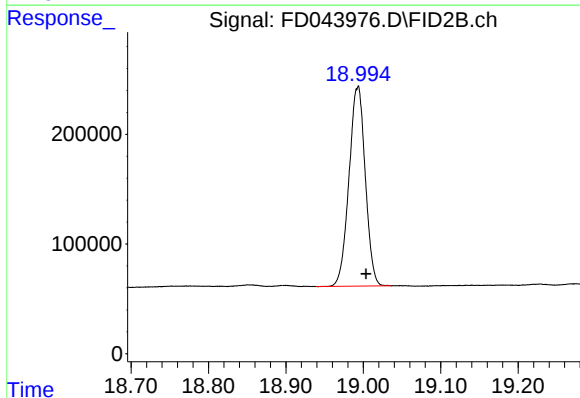
R.T.: 17.397 min
Delta R.T.: -0.010 min
Response: 3155563
Conc: 21.18 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



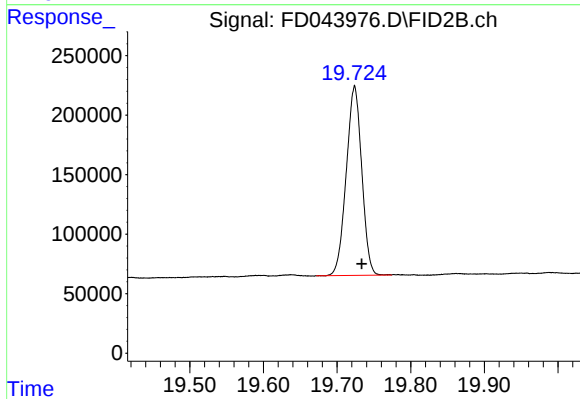
#18 n-Dotriacontane (C32)

R.T.: 18.220 min
Delta R.T.: -0.010 min
Response: 3061677
Conc: 21.45 ug/ml



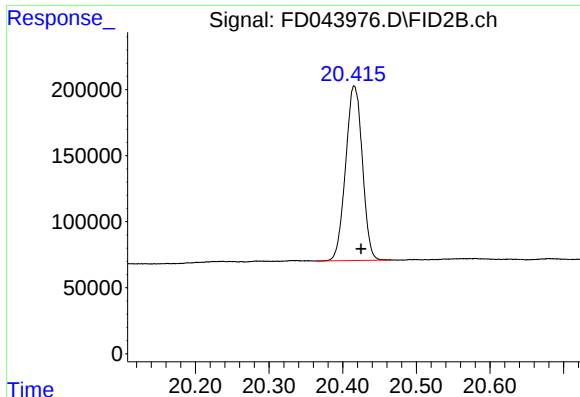
#19 n-Tetratriacontane (C34)

R.T.: 18.993 min
Delta R.T.: -0.011 min
Response: 2659836
Conc: 20.35 ug/ml



#20 n-Hexatriacontane (C36)

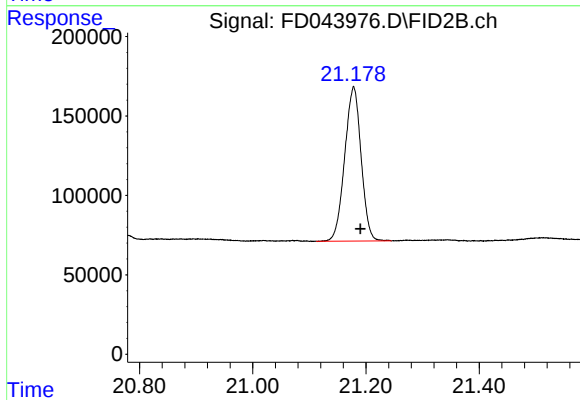
R.T.: 19.724 min
Delta R.T.: -0.010 min
Response: 2324981
Conc: 18.79 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.416 min
Delta R.T.: -0.009 min
Response: 2085612
Conc: 17.85 ug/ml

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20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 21.178 min
Delta R.T.: -0.012 min
Response: 1952971
Conc: 17.67 ug/ml