

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD122422AL\
 Data File : FD044720.D
 Signal(s) : FID2B.ch
 Acq On : 24 Dec 2022 18:33
 Operator : YP/AJ
 Sample : 100 PPM ALIPHATIC HC STD1
 Misc :
 ALS Vial : 80 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 100 PPM ALIPHATIC HC STD1

Integration File: autoint1.e
 Quant Time: Dec 25 16:49:57 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 122422.M
 Quant Title : GC Extractables
 QLast Update : Sun Dec 25 16:49:21 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)	11.557	15438125	101.328 ug/ml
Spiked Amount 50.000		Recovery =	202.66%
12) S 1-chlorooctadecane (S...	12.980	11777326	101.967 ug/ml
Spiked Amount 50.000		Recovery =	203.93%
Target Compounds			
1) T n-Nonane (C9)	3.382	14300048	99.606 ug/ml
2) T n-Decane (C10)	4.441	14064376	99.818 ug/ml
3) T A~Naphthalene (C11.7)	6.013	16117037	100.318 ug/ml
4) T n-Dodecane (C12)	6.442	14130448	100.124 ug/ml
5) T A~2-methylnaphthalene...	7.060	15152549	100.561 ug/ml
6) T n-Tetradecane (C14)	8.222	14113221	100.735 ug/ml
7) T n-Hexadecane (C16)	9.811	14280609	101.073 ug/ml
8) T n-Octadecane (C18)	11.243	14227214	100.746 ug/ml
10) T n-Eicosane (C20)	12.540	13675408	101.738 ug/ml
11) T n-Heneicosane (C21)	13.147	13641084	101.477 ug/ml
13) T n-Docosane (C22)	13.728	13444619	102.016 ug/ml
14) T n-Tetracosane (C24)	14.822	13252903	102.008 ug/ml
15) T n-Hexacosane (C26)	15.834	12912414	101.499 ug/ml
16) T n-Octacosane (C28)	16.775	12767718	101.682 ug/ml
17) T n-Tricontane (C30)	17.655	12634277	101.262 ug/ml
18) T n-Dotriacontane (C32)	18.479	12678884	101.171 ug/ml
19) T n-Tetratriacontane (C34)	19.256	12573898	101.216 ug/ml
20) T n-Hexatriacontane (C36)	19.988	12074839	101.221 ug/ml
21) T n-Octatriacontane (C38)	20.699	12010141	101.205 ug/ml
22) T n-Tetracontane (C40)	21.565	11967731	100.898 ug/ml

(f)=RT Delta > 1/2 Window

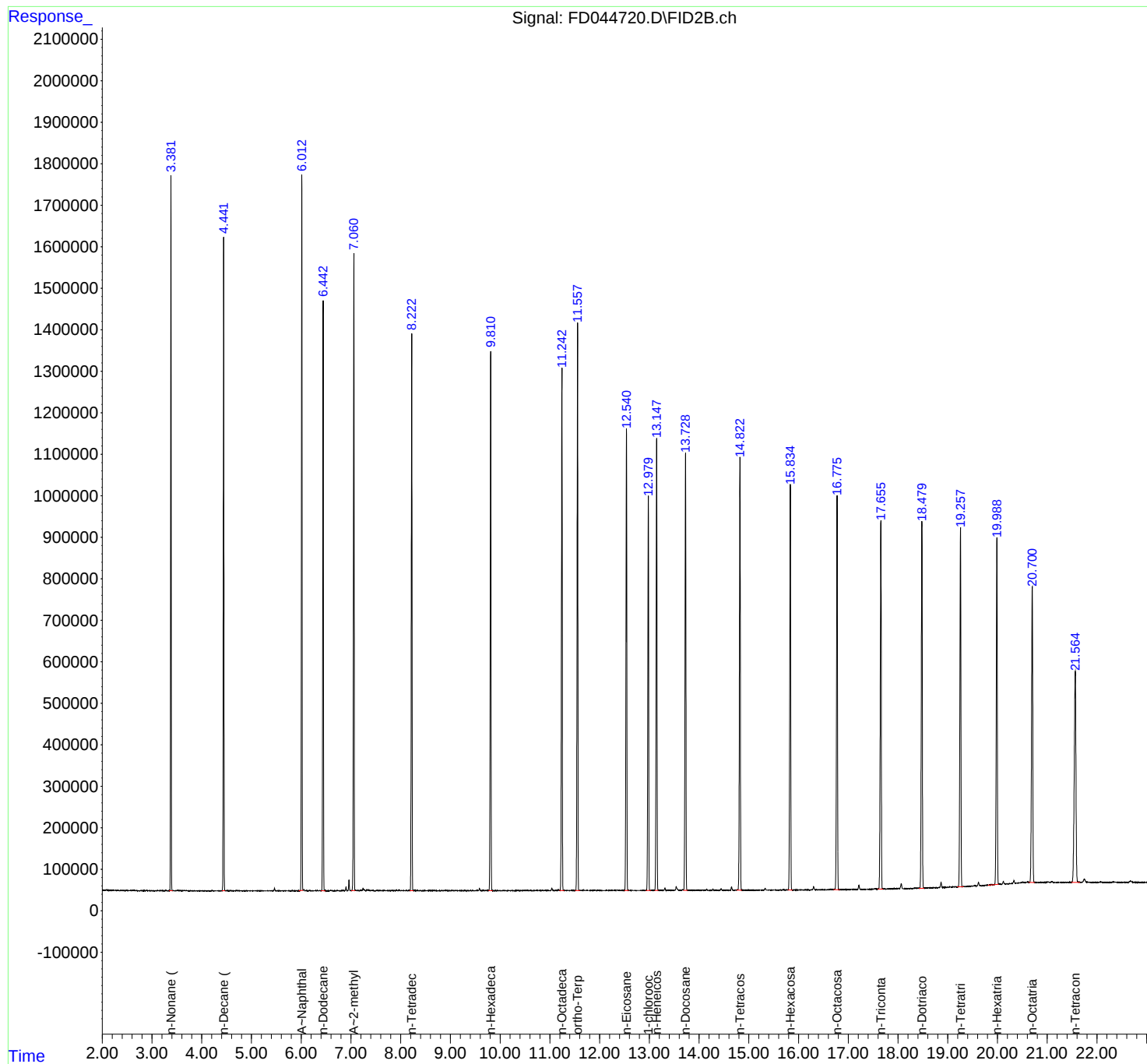
(m)=manual int.

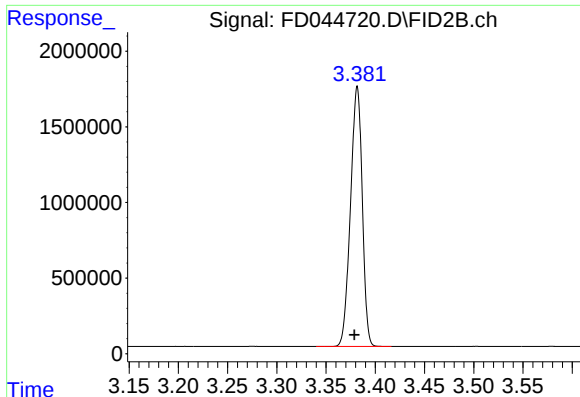
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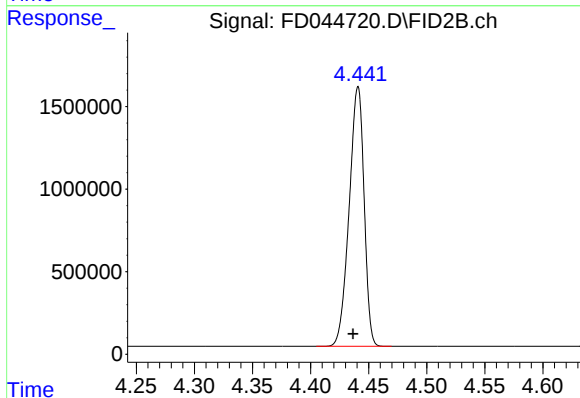




#1 n-Nonane (C9)

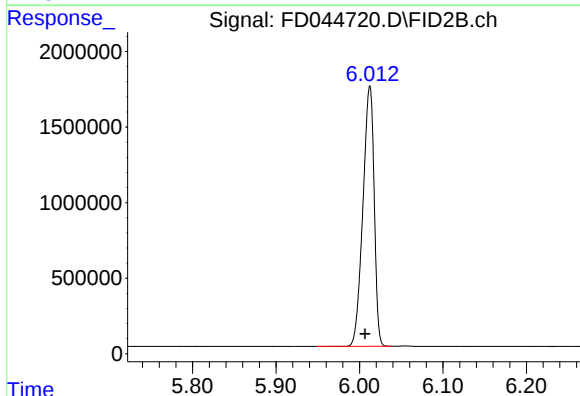
R.T.: 3.382 min
Delta R.T.: 0.003 min
Response: 14300048
Conc: 99.61 ug/ml

Instrument :
FID_D
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100 PPM ALIPHATIC HC STD1



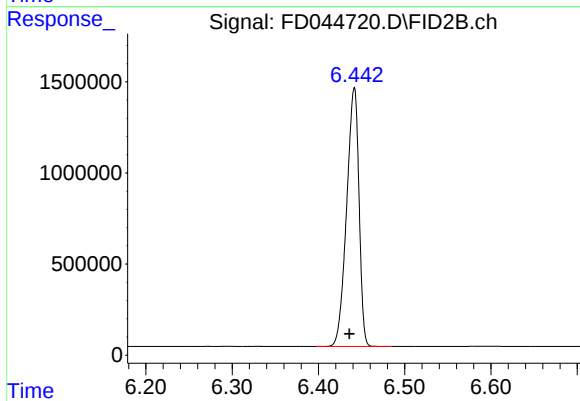
#2 n-Decane (C10)

R.T.: 4.441 min
Delta R.T.: 0.005 min
Response: 14064376
Conc: 99.82 ug/ml



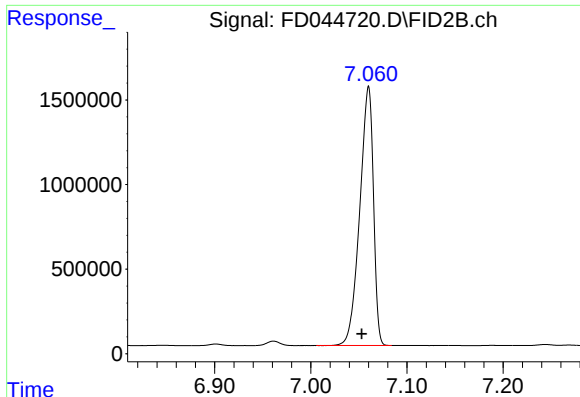
#3 A~Naphthalene (C11.7)

R.T.: 6.013 min
Delta R.T.: 0.006 min
Response: 16117037
Conc: 100.32 ug/ml



#4 n-Dodecane (C12)

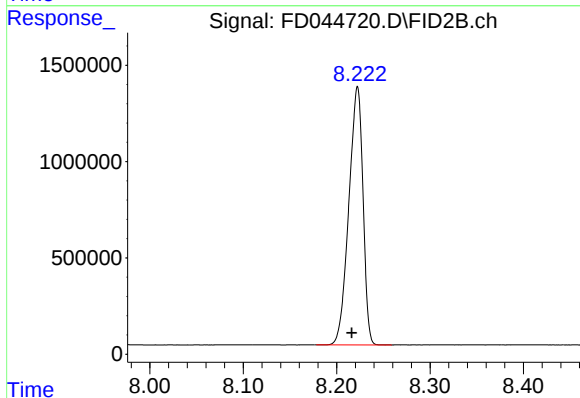
R.T.: 6.442 min
Delta R.T.: 0.006 min
Response: 14130448
Conc: 100.12 ug/ml



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

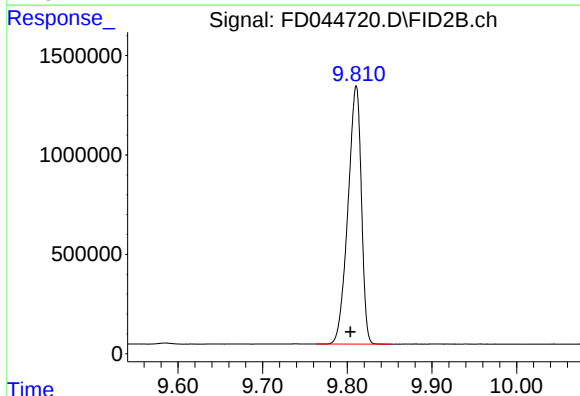
R.T.: 7.060 min
Delta R.T.: 0.007 min
Response: 15152549
Conc: 100.56 ug/ml

Instrument :
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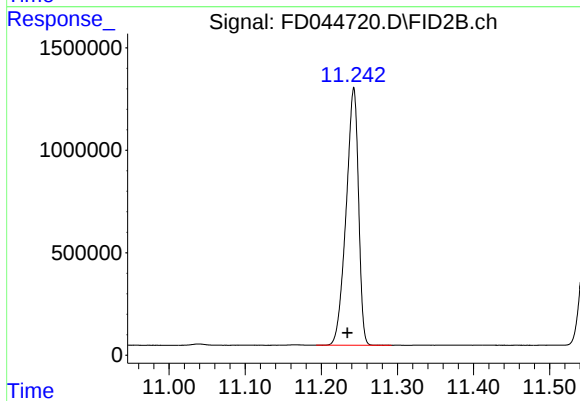
#6 n-Tetradecane (C14)

R.T.: 8.222 min
Delta R.T.: 0.006 min
Response: 14113221
Conc: 100.73 ug/ml



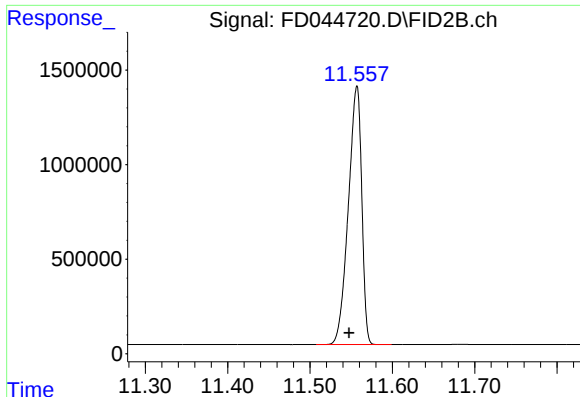
#7 n-Hexadecane (C16)

R.T.: 9.811 min
Delta R.T.: 0.007 min
Response: 14280609
Conc: 101.07 ug/ml



#8 n-Octadecane (C18)

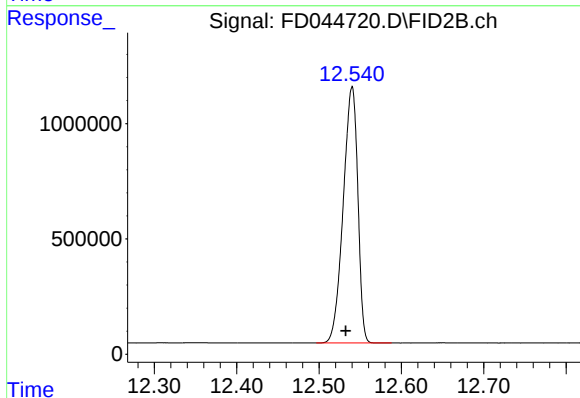
R.T.: 11.243 min
Delta R.T.: 0.008 min
Response: 14227214
Conc: 100.75 ug/ml



#9 ortho-Terphenyl (SURR)

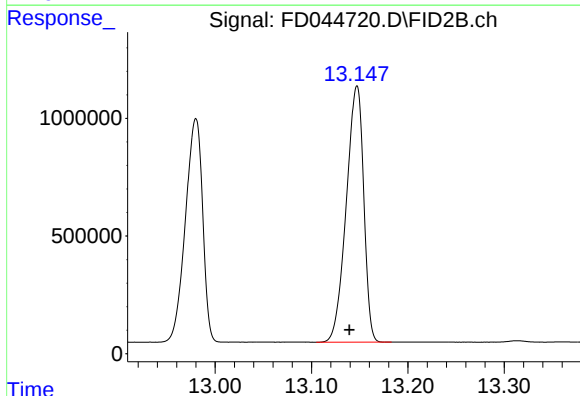
R.T.: 11.557 min
Delta R.T.: 0.010 min
Response: 15438125
Conc: 101.33 ug/ml

Instrument :
FID_D
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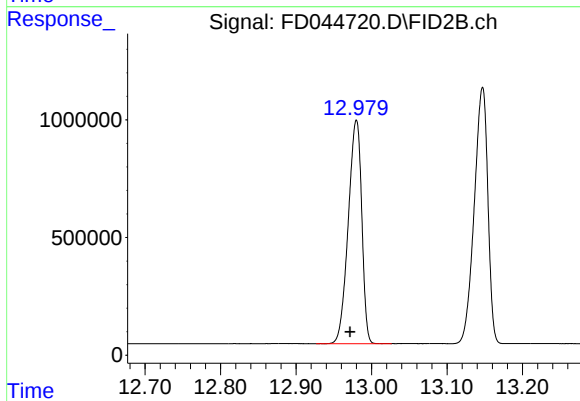
#10 n-Eicosane (C20)

R.T.: 12.540 min
Delta R.T.: 0.008 min
Response: 13675408
Conc: 101.74 ug/ml



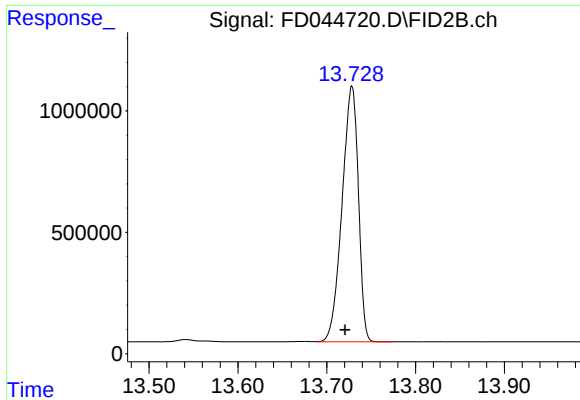
#11 n-Heneicosane (C21)

R.T.: 13.147 min
Delta R.T.: 0.008 min
Response: 13641084
Conc: 101.48 ug/ml



#12 1-chlorooctadecane (SURR)

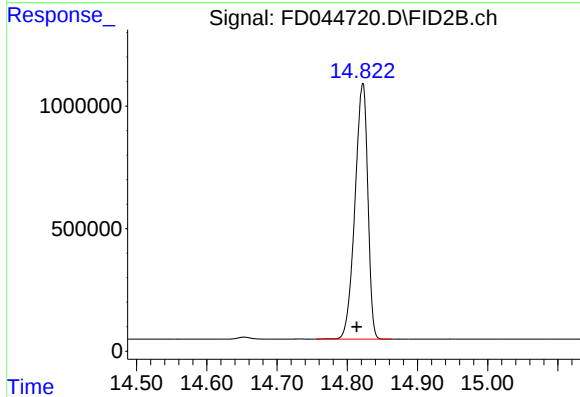
R.T.: 12.980 min
Delta R.T.: 0.008 min
Response: 11777326
Conc: 101.97 ug/ml



#13 n-Docosane (C22)

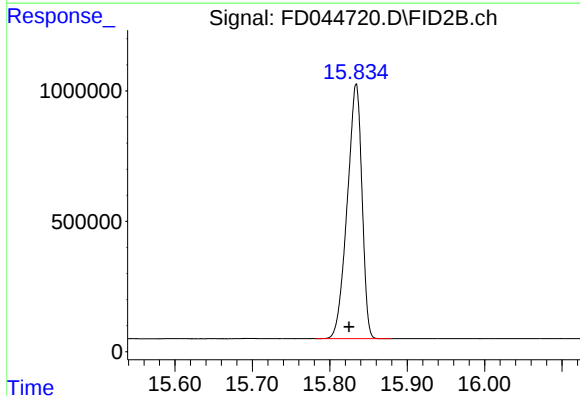
R.T.: 13.728 min
Delta R.T.: 0.008 min
Response: 13444619
Conc: 102.02 ug/ml

Instrument :
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100 PPM ALIPHATIC HC STD1



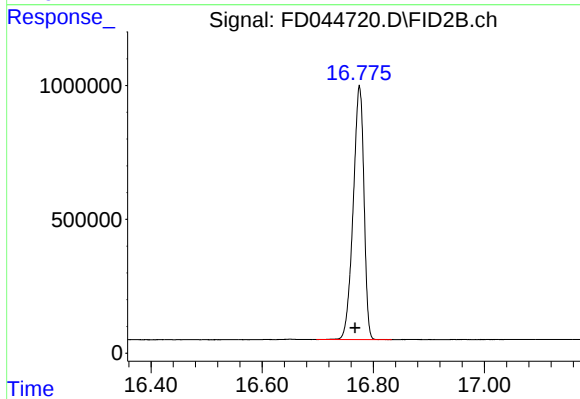
#14 n-Tetracosane (C24)

R.T.: 14.822 min
Delta R.T.: 0.009 min
Response: 13252903
Conc: 102.01 ug/ml



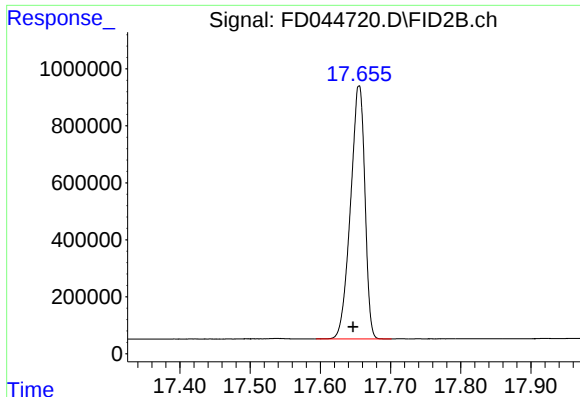
#15 n-Hexacosane (C26)

R.T.: 15.834 min
Delta R.T.: 0.009 min
Response: 12912414
Conc: 101.50 ug/ml



#16 n-Octacosane (C28)

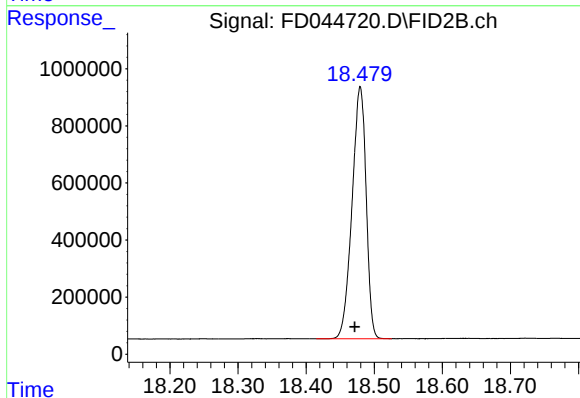
R.T.: 16.775 min
Delta R.T.: 0.008 min
Response: 12767718
Conc: 101.68 ug/ml



#17 n-Tricontane (C30)

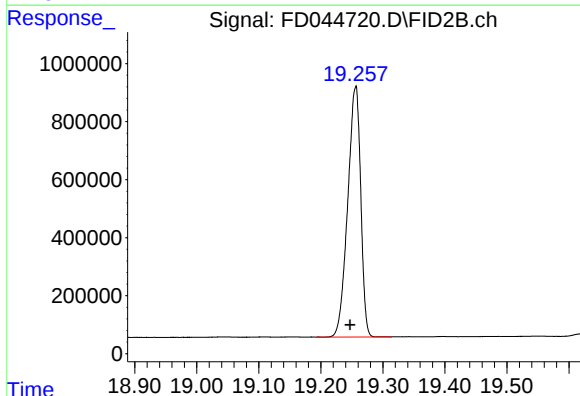
R.T.: 17.655 min
Delta R.T.: 0.008 min
Response: 12634277
Conc: 101.26 ug/ml

Instrument :
FID_D
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100 PPM ALIPHATIC HC STD1



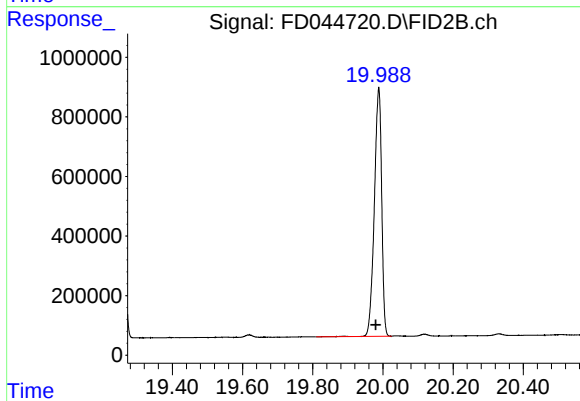
#18 n-Dotriacontane (C32)

R.T.: 18.479 min
Delta R.T.: 0.008 min
Response: 12678884
Conc: 101.17 ug/ml



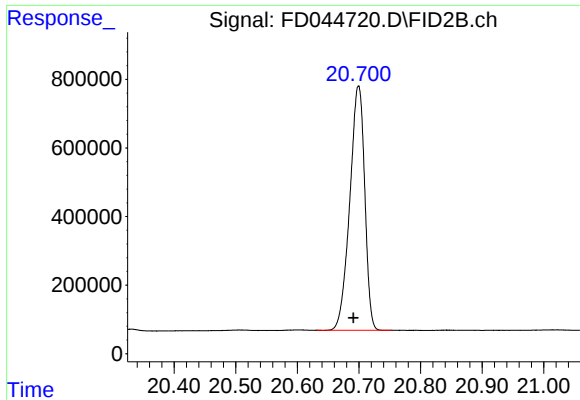
#19 n-Tetratriacontane (C34)

R.T.: 19.256 min
Delta R.T.: 0.009 min
Response: 12573898
Conc: 101.22 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 19.988 min
Delta R.T.: 0.009 min
Response: 12074839
Conc: 101.22 ug/ml



#21 n-Octatriacontane (C38)

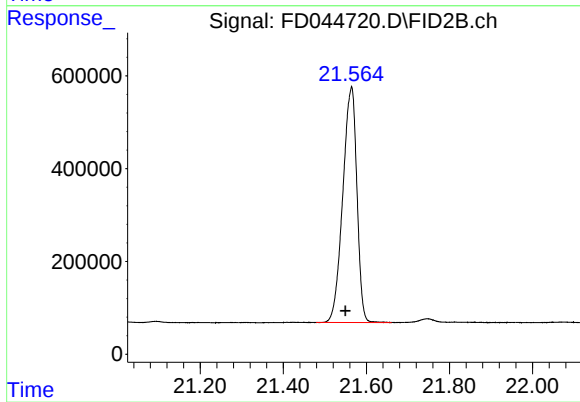
R.T.: 20.699 min
Delta R.T.: 0.008 min
Response: 12010141
Conc: 101.21 ug/ml

Instrument :

FID_D

ClientSampleId :

100 PPM ALIPHATIC HC STD1



#22 n-Tetracontane (C40)

R.T.: 21.565 min
Delta R.T.: 0.015 min
Response: 11967731
Conc: 100.90 ug/ml