

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC102823AL\
 Data File : FC064938.D
 Signal(s) : FID1A.ch
 Acq On : 27 Oct 2023 17:49
 Operator : YP/AJ
 Sample : 50 PPM ALIPHATIC HC STD2
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 50 PPM ALIPHATIC HC STD2

Integration File: autoint1.e
 Quant Time: Oct 28 02:08:43 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 102823.M
 Quant Title : GC Extractables
 QLast Update : Sat Oct 28 02:05:03 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)	11.525	10096547	48.082 ug/ml
Spiked Amount 50.000		Recovery =	96.16%
12) S 1-chlorooctadecane (S...	12.956	7356110	48.196 ug/ml
Spiked Amount 50.000		Recovery =	96.39%
Target Compounds			
1) T n-Nonane (C9)	3.325	8615765	47.659 ug/ml
2) T n-Decane (C10)	4.385	8694975	47.598 ug/ml
3) T A~Naphthalene (C11.7)	5.964	9281304	47.928 ug/ml
4) T n-Dodecane (C12)	6.394	8804666	47.580 ug/ml
5) T A~2-methylnaphthalene...	7.017	9004057	48.045 ug/ml
6) T n-Tetradecane (C14)	8.181	8667622	47.688 ug/ml
7) T n-Hexadecane (C16)	9.775	8723663	47.848 ug/ml
8) T n-Octadecane (C18)	11.212	8662521	47.902 ug/ml
10) T n-Eicosane (C20)	12.514	8258281	48.014 ug/ml
11) T n-Heneicosane (C21)	13.124	8054844	48.051 ug/ml
13) T n-Docosane (C22)	13.707	7883182	48.006 ug/ml
14) T n-Tetracosane (C24)	14.804	7612908	47.942 ug/ml
15) T n-Hexacosane (C26)	15.820	7320751	47.970 ug/ml
16) T n-Octacosane (C28)	16.767	7087258	47.904 ug/ml
17) T n-Tricontane (C30)	17.650	7085467	47.854 ug/ml
18) T n-Dotriacontane (C32)	18.480	7017825	47.813 ug/ml
19) T n-Tetratriacontane (C34)	19.258	6875017	48.064 ug/ml
20) T n-Hexatriacontane (C36)	19.997	6830227	48.175 ug/ml
21) T n-Octatriacontane (C38)	20.719	6770242	48.222 ug/ml
22) T n-Tetracontane (C40)	21.602	6718953	48.195 ug/ml

(f)=RT Delta > 1/2 Window

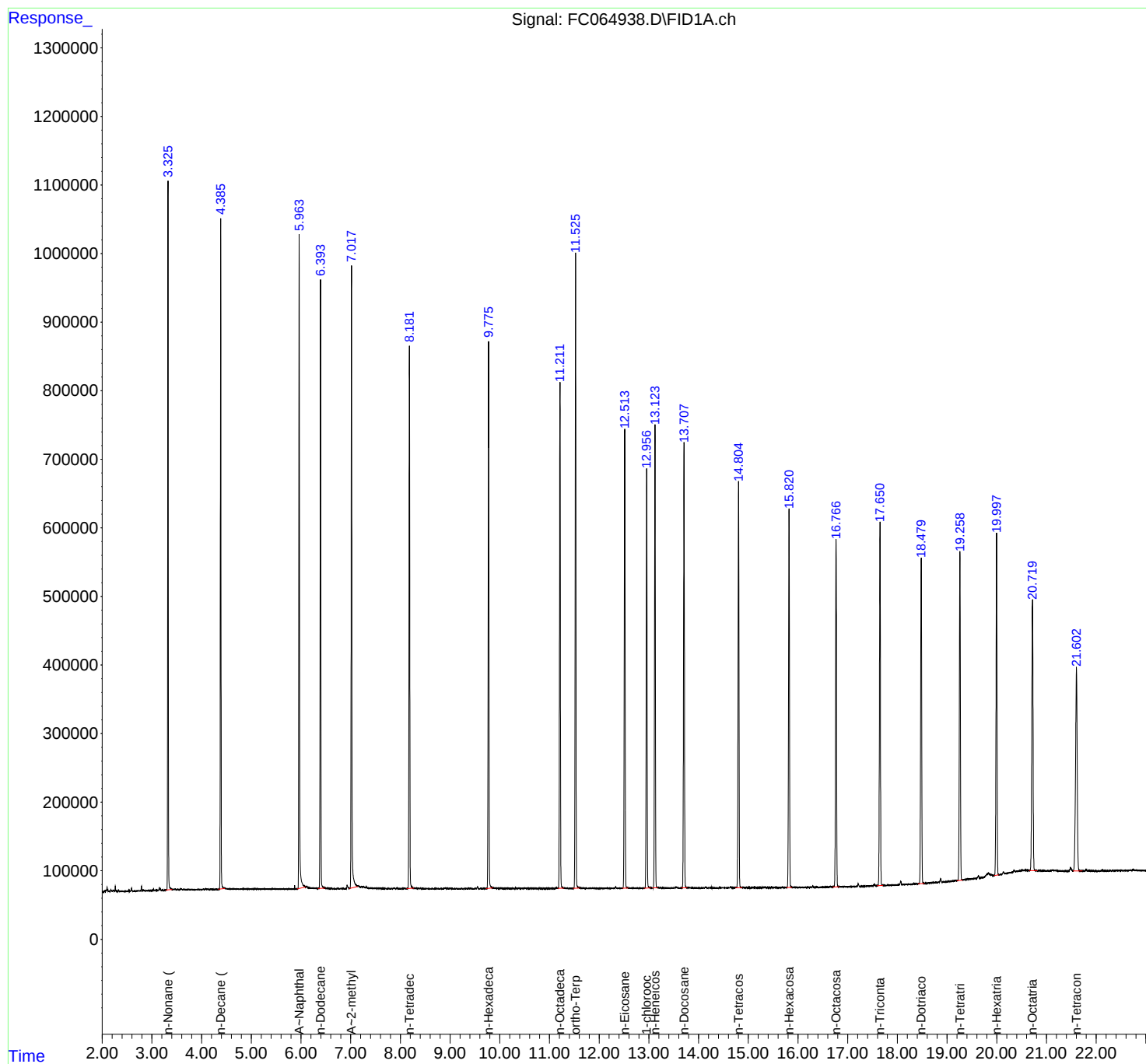
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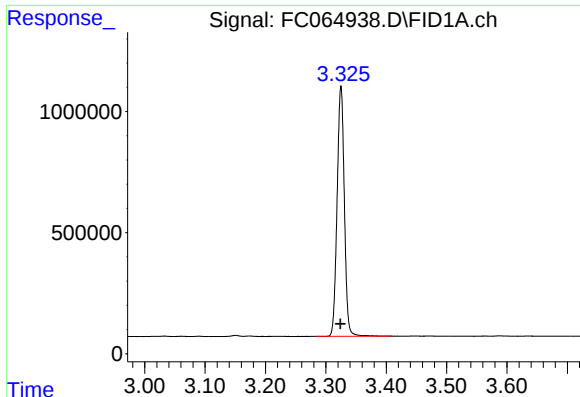
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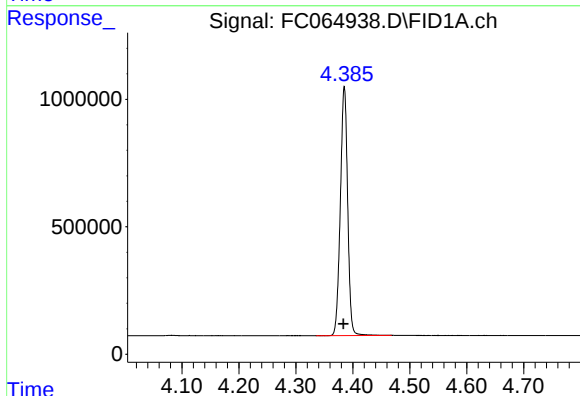




#1 n-Nonane (C9)

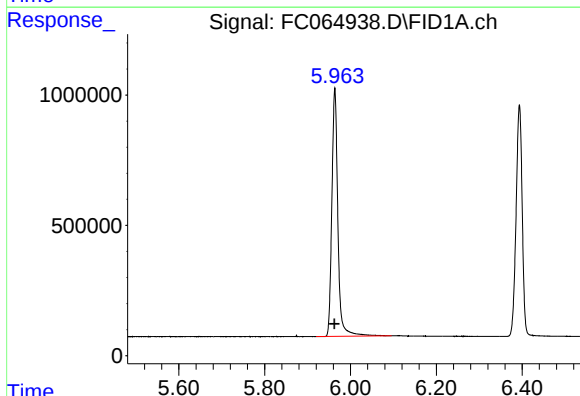
R.T.: 3.325 min
Delta R.T.: 0.001 min
Response: 8615765
Conc: 47.66 ug/ml

Instrument :
FID_C
ClientSampleId :
50 PPM ALIPHATIC HC STD2



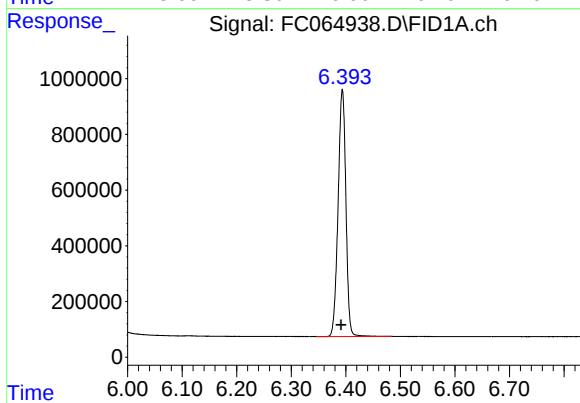
#2 n-Decane (C10)

R.T.: 4.385 min
Delta R.T.: 0.002 min
Response: 8694975
Conc: 47.60 ug/ml



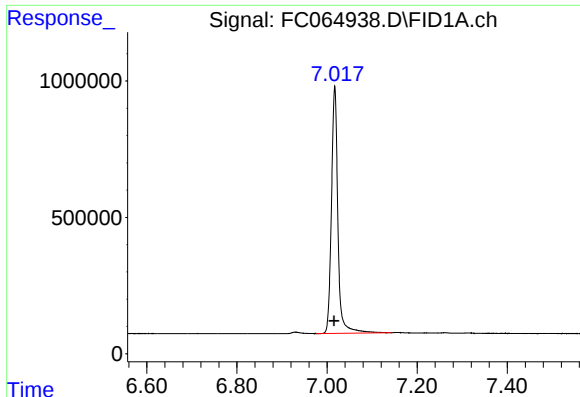
#3 A~Naphthalene (C11.7)

R.T.: 5.964 min
Delta R.T.: 0.000 min
Response: 9281304
Conc: 47.93 ug/ml



#4 n-Dodecane (C12)

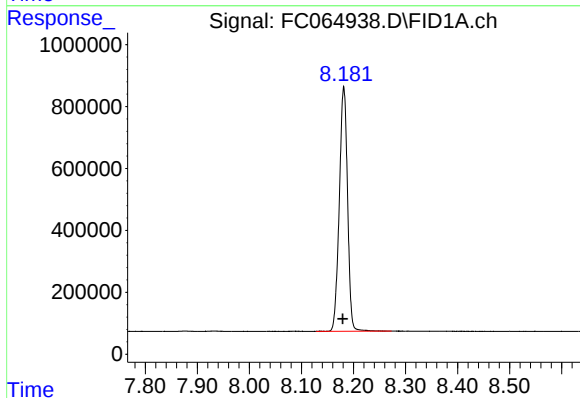
R.T.: 6.394 min
Delta R.T.: 0.002 min
Response: 8804666
Conc: 47.58 ug/ml



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

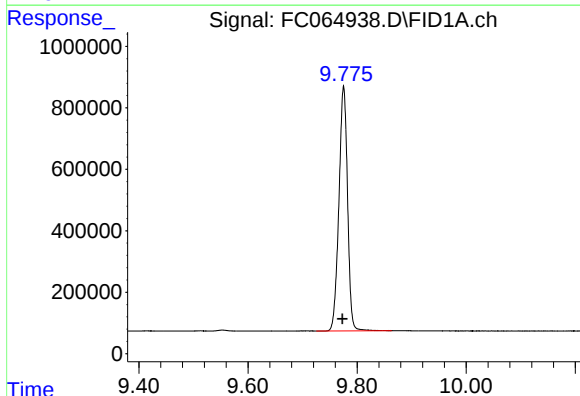
R.T.: 7.017 min
Delta R.T.: 0.002 min
Response: 9004057
Conc: 48.04 ug/ml

Instrument :
FID_C
ClientSampleId :
50 PPM ALIPHATIC HC STD2



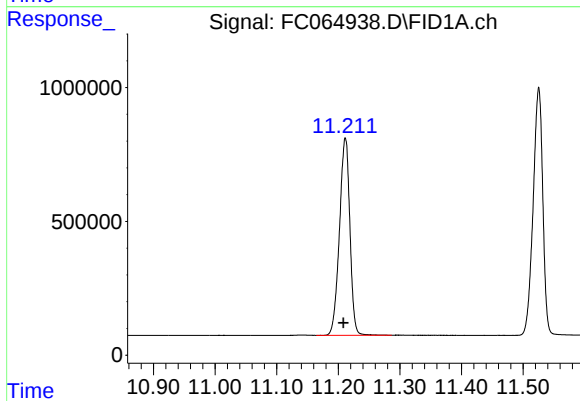
#6 n-Tetradecane (C14)

R.T.: 8.181 min
Delta R.T.: 0.002 min
Response: 8667622
Conc: 47.69 ug/ml



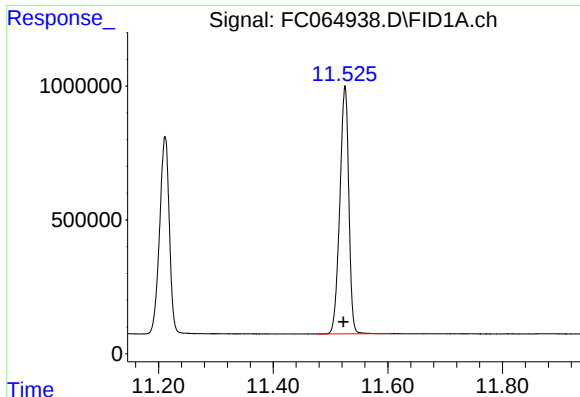
#7 n-Hexadecane (C16)

R.T.: 9.775 min
Delta R.T.: 0.002 min
Response: 8723663
Conc: 47.85 ug/ml



#8 n-Octadecane (C18)

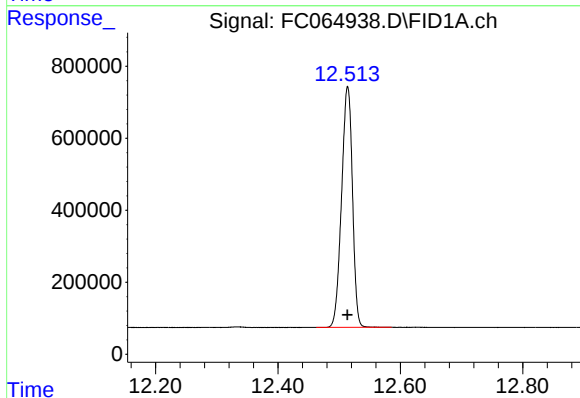
R.T.: 11.212 min
Delta R.T.: 0.003 min
Response: 8662521
Conc: 47.90 ug/ml



#9 ortho-Terphenyl (SURR)

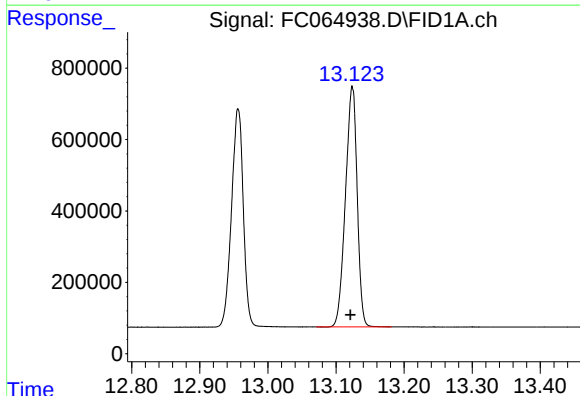
R.T.: 11.525 min
Delta R.T.: 0.003 min
Response: 10096547
Conc: 48.08 ug/ml

Instrument :
FID_C
ClientSampleId :
50 PPM ALIPHATIC HC STD2



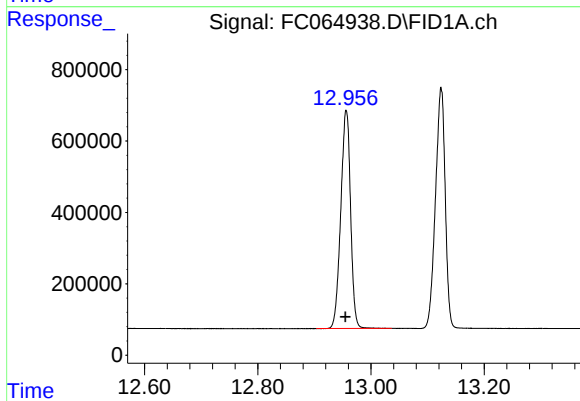
#10 n-Eicosane (C20)

R.T.: 12.514 min
Delta R.T.: 0.000 min
Response: 8258281
Conc: 48.01 ug/ml



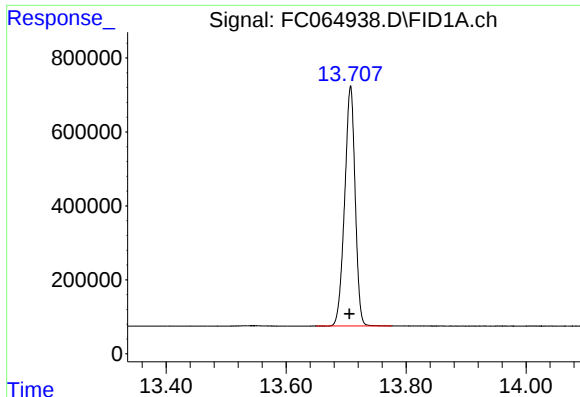
#11 n-Heneicosane (C21)

R.T.: 13.124 min
Delta R.T.: 0.003 min
Response: 8054844
Conc: 48.05 ug/ml



#12 1-chlorooctadecane (SURR)

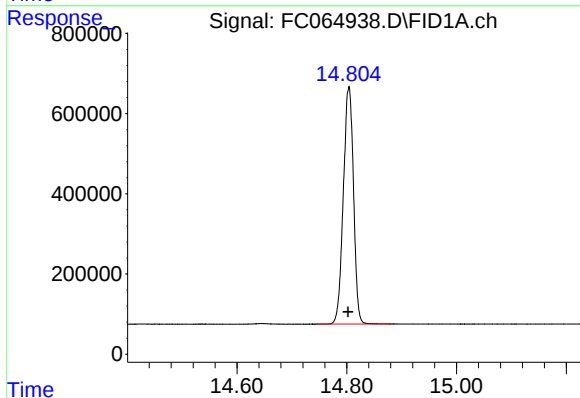
R.T.: 12.956 min
Delta R.T.: 0.001 min
Response: 7356110
Conc: 48.20 ug/ml



#13 n-Docosane (C22)

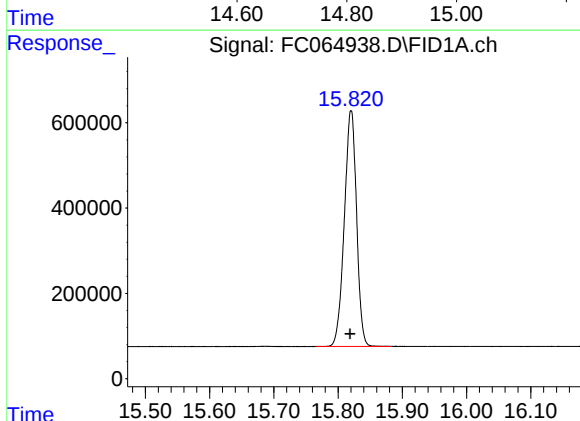
R.T.: 13.707 min
Delta R.T.: 0.002 min
Response: 7883182
Conc: 48.01 ug/ml

Instrument :
FID_C
ClientSampleId :
50 PPM ALIPHATIC HC STD2



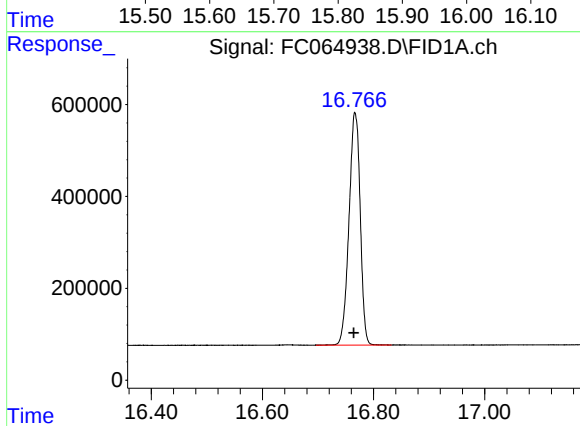
#14 n-Tetracosane (C24)

R.T.: 14.804 min
Delta R.T.: 0.002 min
Response: 7612908
Conc: 47.94 ug/ml



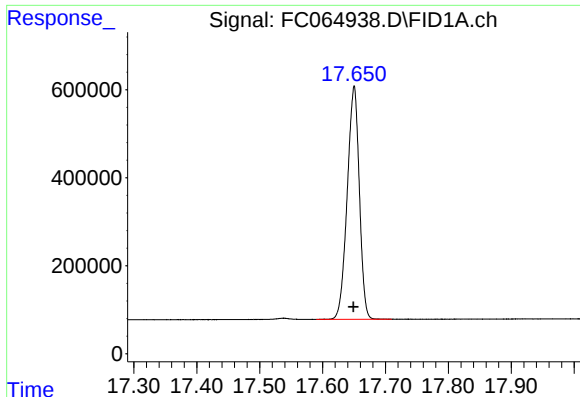
#15 n-Hexacosane (C26)

R.T.: 15.820 min
Delta R.T.: 0.002 min
Response: 7320751
Conc: 47.97 ug/ml



#16 n-Octacosane (C28)

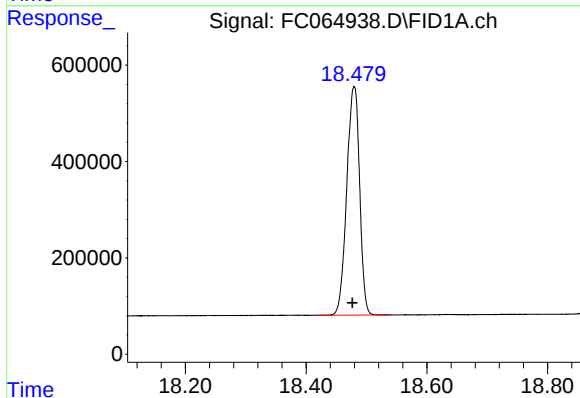
R.T.: 16.767 min
Delta R.T.: 0.002 min
Response: 7087258
Conc: 47.90 ug/ml



#17 n-Tricontane (C30)

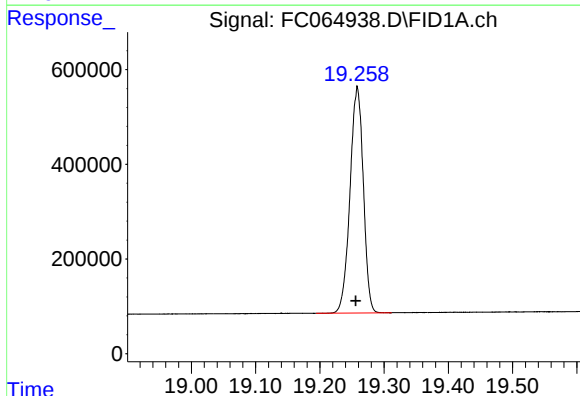
R.T.: 17.650 min
Delta R.T.: 0.001 min
Response: 7085467
Conc: 47.85 ug/ml

Instrument :
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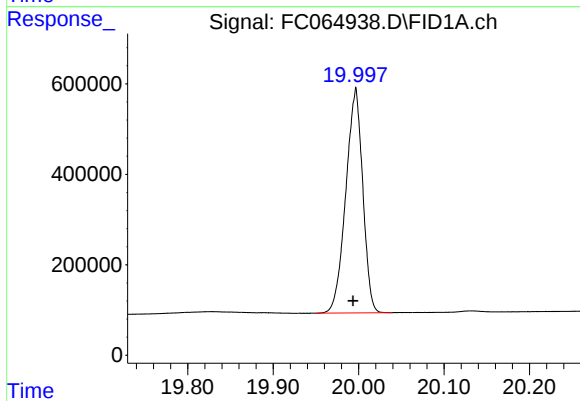
#18 n-Dotriacontane (C32)

R.T.: 18.480 min
Delta R.T.: 0.003 min
Response: 7017825
Conc: 47.81 ug/ml



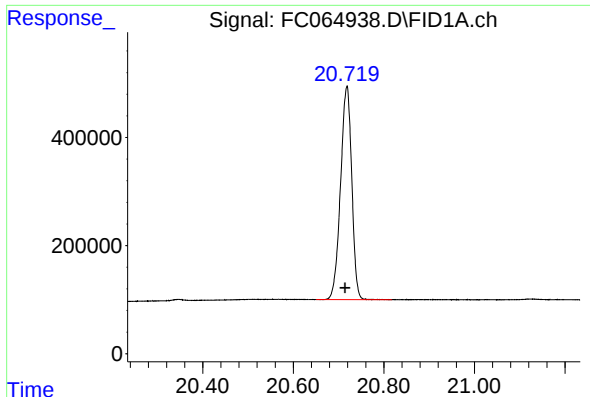
#19 n-Tetratriacontane (C34)

R.T.: 19.258 min
Delta R.T.: 0.003 min
Response: 6875017
Conc: 48.06 ug/ml



#20 n-Hexatriacontane (C36)

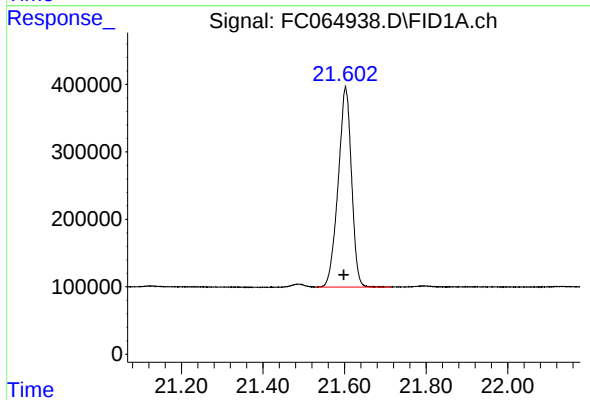
R.T.: 19.997 min
Delta R.T.: 0.003 min
Response: 6830227
Conc: 48.17 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.719 min
Delta R.T.: 0.004 min
Response: 6770242
Conc: 48.22 ug/ml

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FID_C
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#22 n-Tetracontane (C40)

R.T.: 21.602 min
Delta R.T.: 0.004 min
Response: 6718953
Conc: 48.20 ug/ml