

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\F110723AL\
 Data File : FC065027.D
 Signal(s) : FID1A.ch
 Acq On : 07 Nov 2023 12:18
 Operator : YP/AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: Nov 07 22:01:35 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 102823.M
 Quant Title : GC Extractables
 QLast Update : Sat Oct 28 02:12:00 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)	11.513	4293661	19.509 ug/ml
Spiked Amount 50.000		Recovery =	39.02%
12) S 1-chlorooctadecane (S...	12.944	3104830	19.640 ug/ml
Spiked Amount 50.000		Recovery =	39.28%
Target Compounds			
1) T n-Nonane (C9)	3.310	3775394	19.969 ug/ml
2) T n-Decane (C10)	4.370	3806437	20.019 ug/ml
3) T A~Naphthalene (C11.7)	5.952	3893351	20.165 ug/ml
4) T n-Dodecane (C12)	6.382	3836032	19.858 ug/ml
5) T A~2-methylnaphthalene...	7.006	3731823	20.308 ug/ml
6) T n-Tetradecane (C14)	8.170	3722528	19.728 ug/ml
7) T n-Hexadecane (C16)	9.764	3726757	19.716 ug/ml
8) T n-Octadecane (C18)	11.199	3707521	19.645 ug/ml
10) T n-Eicosane (C20)	12.502	3515323	19.553 ug/ml
11) T n-Heneicosane (C21)	13.112	3426745	19.518 ug/ml
13) T n-Docosane (C22)	13.696	3360859	19.566 ug/ml
14) T n-Tetracosane (C24)	14.794	3257748	19.559 ug/ml
15) T n-Hexacosane (C26)	15.810	3137921	19.550 ug/ml
16) T n-Octacosane (C28)	16.756	3076215	19.656 ug/ml
17) T n-Tricontane (C30)	17.639	3151315	19.896 ug/ml
18) T n-Dotriacontane (C32)	18.469	3147835	19.936 ug/ml
19) T n-Tetratriacontane (C34)	19.248	3026287	19.826 ug/ml
20) T n-Hexatriacontane (C36)	19.986	2948441	19.542 ug/ml
21) T n-Octatriacontane (C38)	20.706	2902210	19.502 ug/ml
22) T n-Tetracontane (C40)	21.588	2853247	19.399 ug/ml

(f)=RT Delta > 1/2 Window

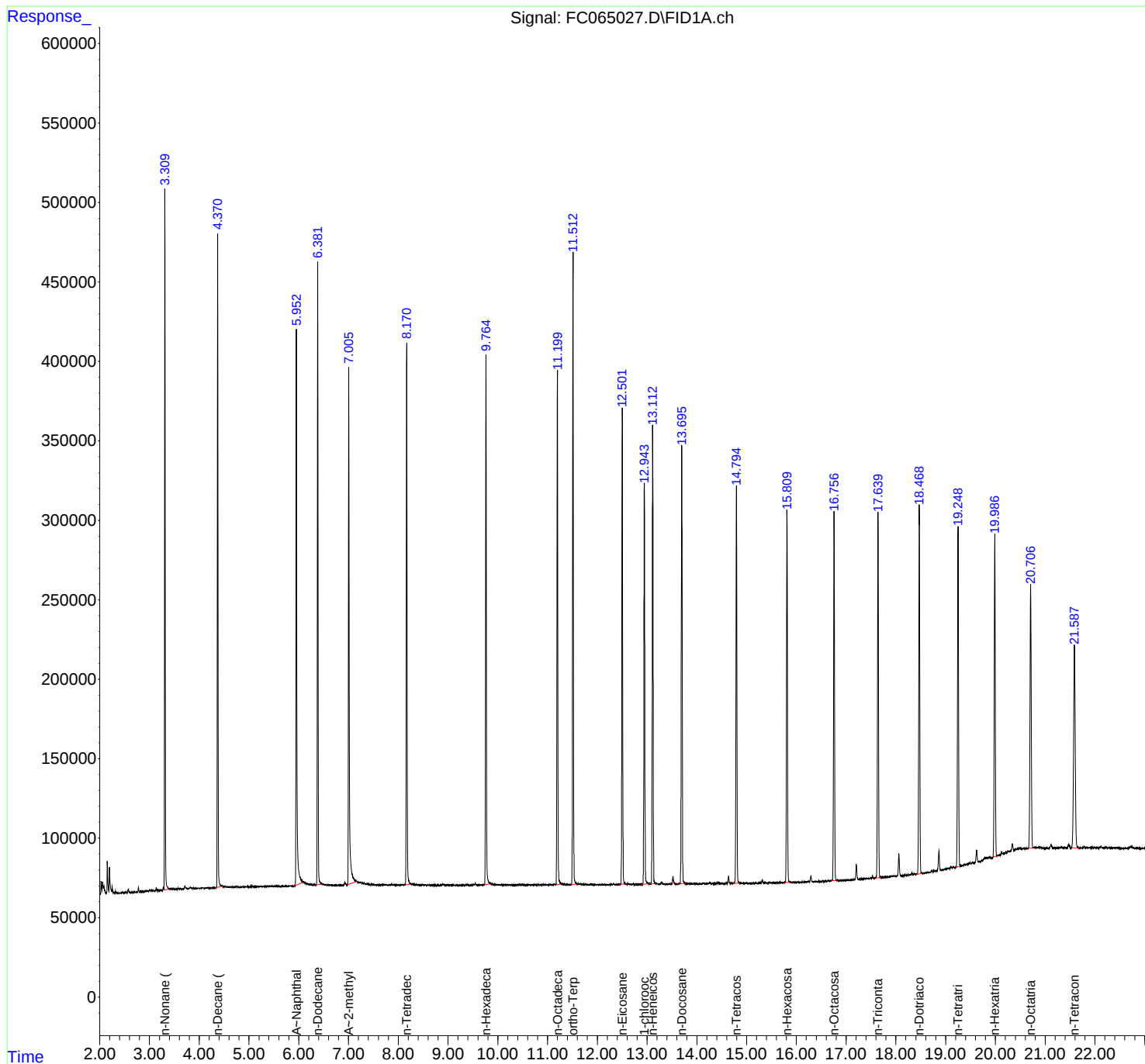
(m)=manual int.

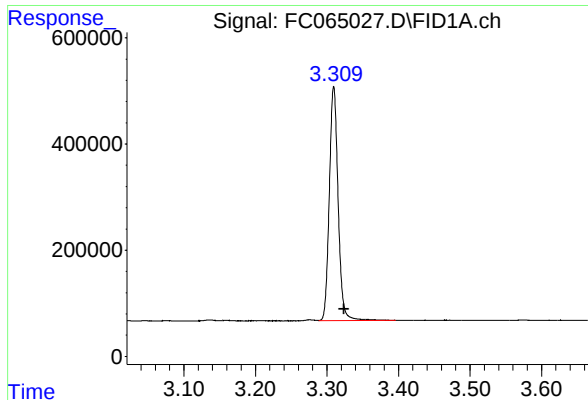
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC110723AL\
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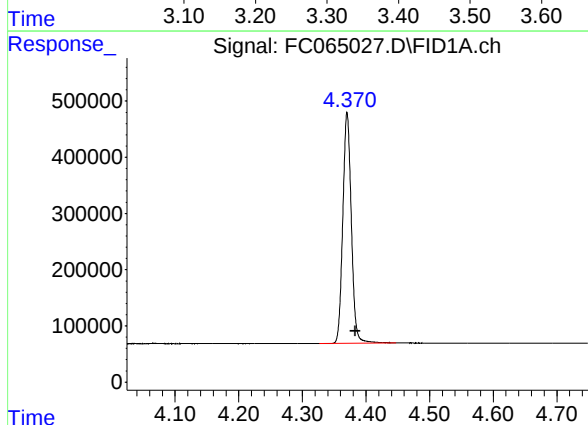




#1 n-Nonane (C9)

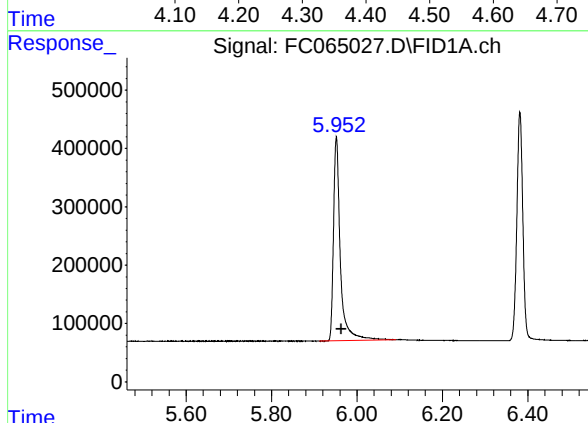
R.T.: 3.310 min
Delta R.T.: -0.014 min
Response: 3775394
Conc: 19.97 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



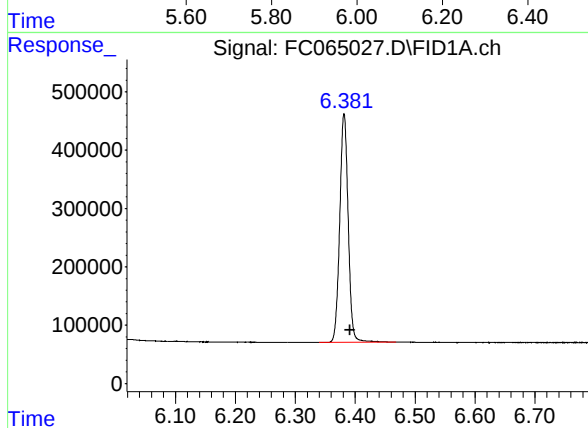
#2 n-Decane (C10)

R.T.: 4.370 min
Delta R.T.: -0.013 min
Response: 3806437
Conc: 20.02 ug/ml



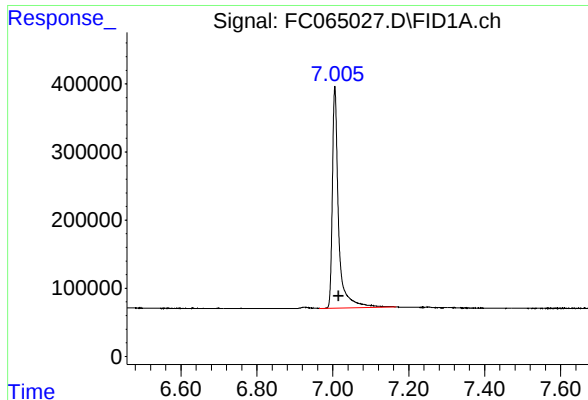
#3 A~Naphthalene (C11.7)

R.T.: 5.952 min
Delta R.T.: -0.011 min
Response: 3893351
Conc: 20.16 ug/ml



#4 n-Dodecane (C12)

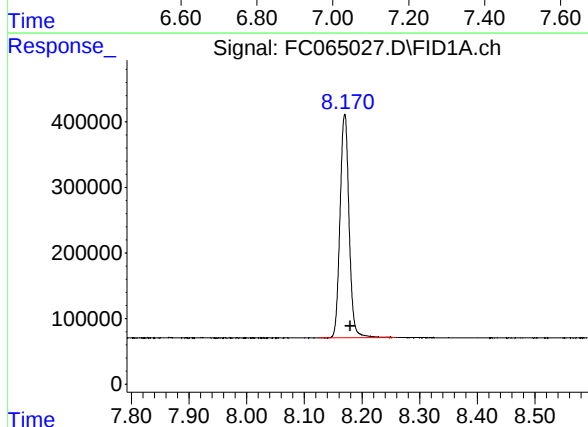
R.T.: 6.382 min
Delta R.T.: -0.010 min
Response: 3836032
Conc: 19.86 ug/ml



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

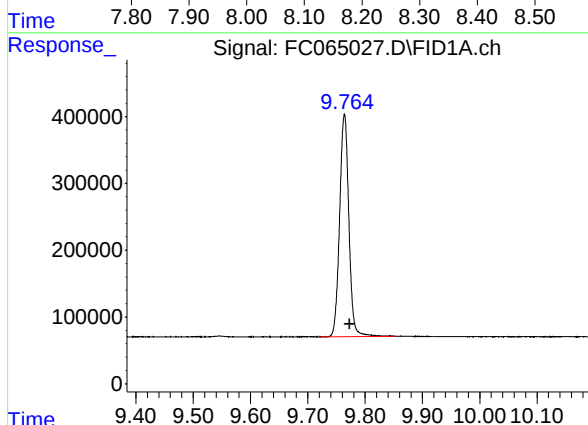
R.T.: 7.006 min
Delta R.T.: -0.010 min
Response: 3731823
Conc: 20.31 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



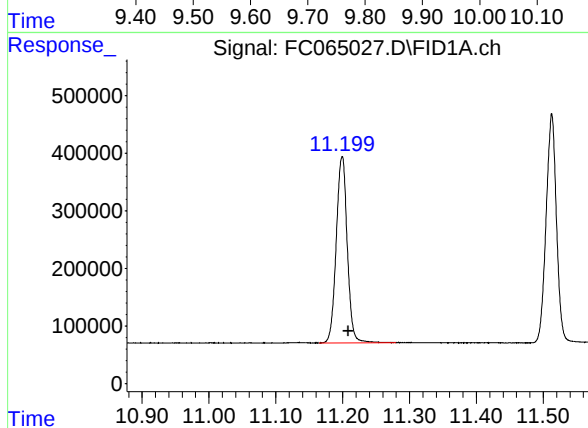
#6 n-Tetradecane (C14)

R.T.: 8.170 min
Delta R.T.: -0.010 min
Response: 3722528
Conc: 19.73 ug/ml



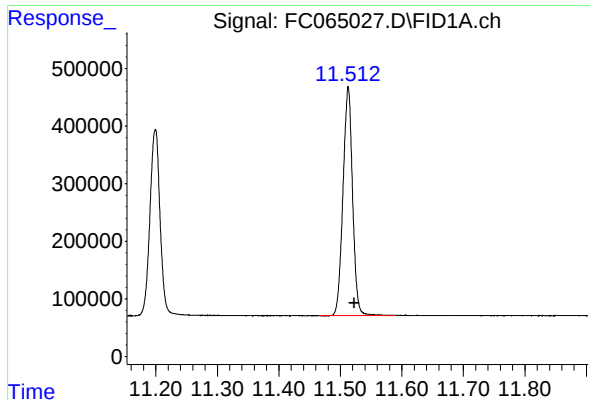
#7 n-Hexadecane (C16)

R.T.: 9.764 min
Delta R.T.: -0.009 min
Response: 3726757
Conc: 19.72 ug/ml



#8 n-Octadecane (C18)

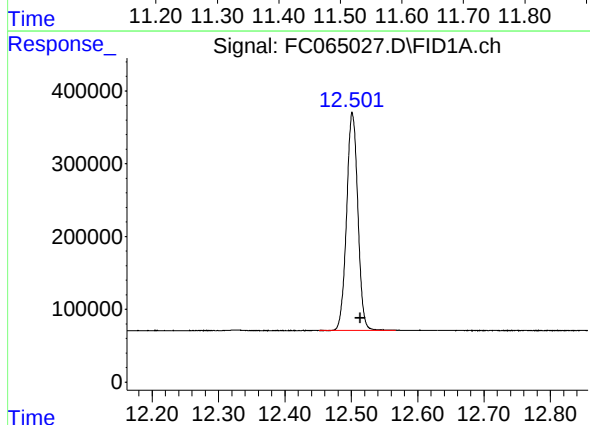
R.T.: 11.199 min
Delta R.T.: -0.009 min
Response: 3707521
Conc: 19.64 ug/ml



#9 ortho-Terphenyl (SURR)

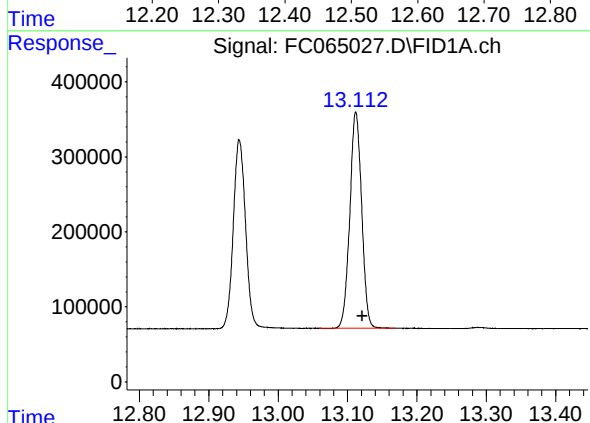
R.T.: 11.513 min
Delta R.T.: -0.010 min
Response: 4293661
Conc: 19.51 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



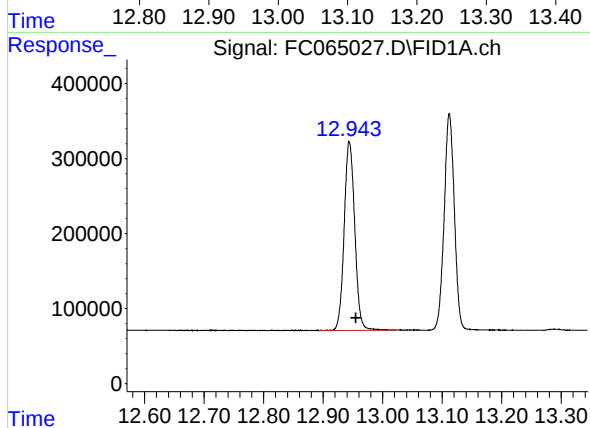
#10 n-Eicosane (C20)

R.T.: 12.502 min
Delta R.T.: -0.012 min
Response: 3515323
Conc: 19.55 ug/ml



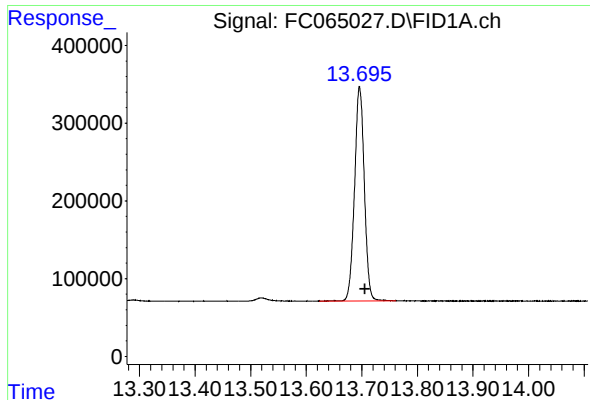
#11 n-Heneicosane (C21)

R.T.: 13.112 min
Delta R.T.: -0.009 min
Response: 3426745
Conc: 19.52 ug/ml



#12 1-chlorooctadecane (SURR)

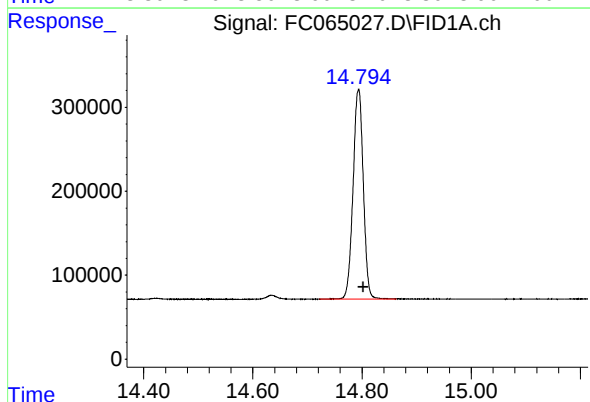
R.T.: 12.944 min
Delta R.T.: -0.011 min
Response: 3104830
Conc: 19.64 ug/ml



#13 n-Docosane (C22)

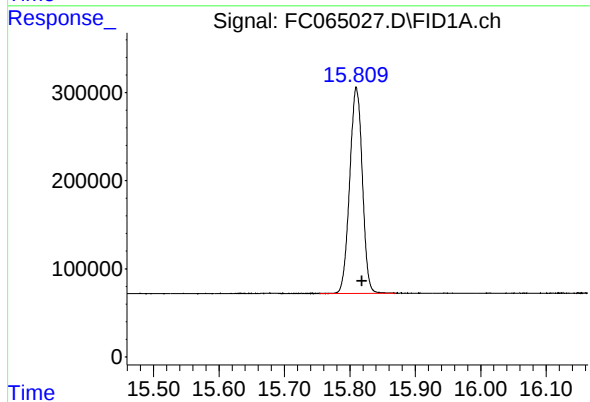
R.T.: 13.696 min
Delta R.T.: -0.010 min
Response: 3360859
Conc: 19.57 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



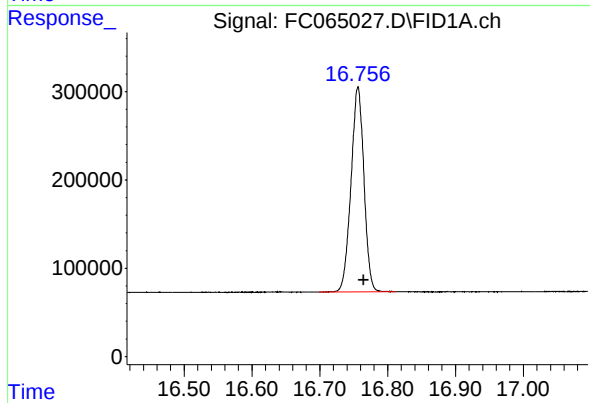
#14 n-Tetracosane (C24)

R.T.: 14.794 min
Delta R.T.: -0.009 min
Response: 3257748
Conc: 19.56 ug/ml



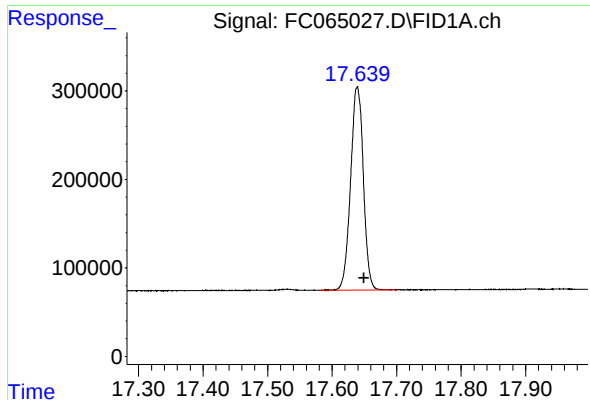
#15 n-Hexacosane (C26)

R.T.: 15.810 min
Delta R.T.: -0.009 min
Response: 3137921
Conc: 19.55 ug/ml



#16 n-Octacosane (C28)

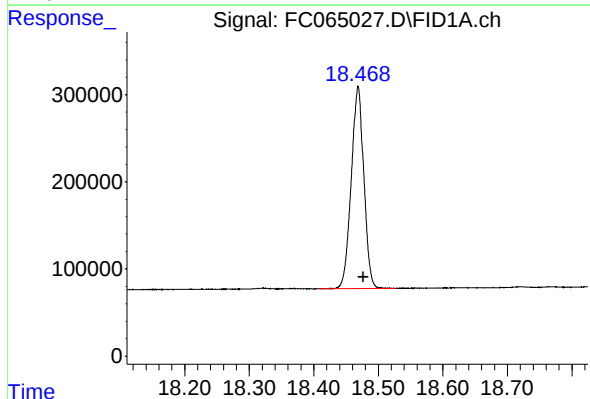
R.T.: 16.756 min
Delta R.T.: -0.008 min
Response: 3076215
Conc: 19.66 ug/ml



#17 n-Tricontane (C30)

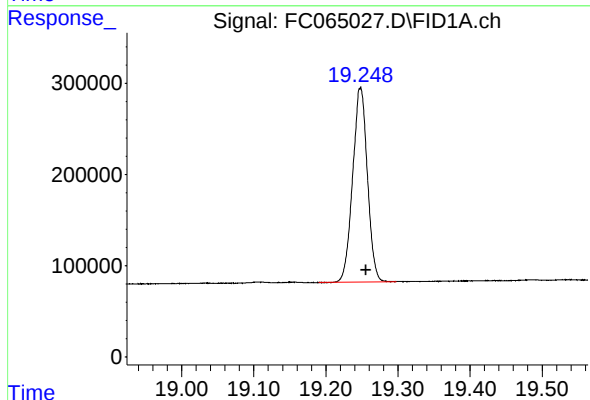
R.T.: 17.639 min
Delta R.T.: -0.010 min
Response: 3151315
Conc: 19.90 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



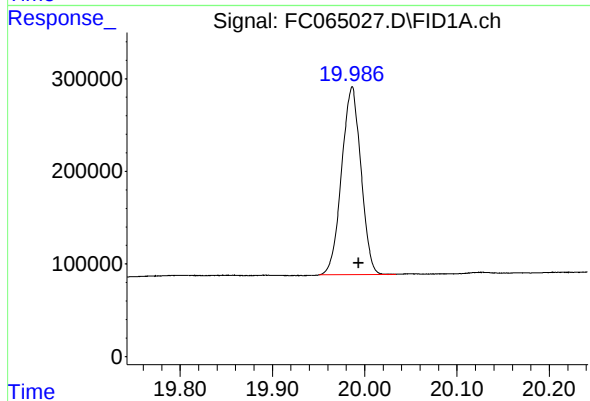
#18 n-Dotriacontane (C32)

R.T.: 18.469 min
Delta R.T.: -0.008 min
Response: 3147835
Conc: 19.94 ug/ml



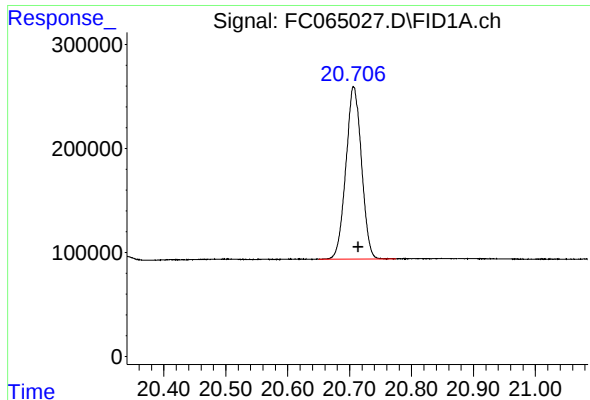
#19 n-Tetratriacontane (C34)

R.T.: 19.248 min
Delta R.T.: -0.008 min
Response: 3026287
Conc: 19.83 ug/ml



#20 n-Hexatriacontane (C36)

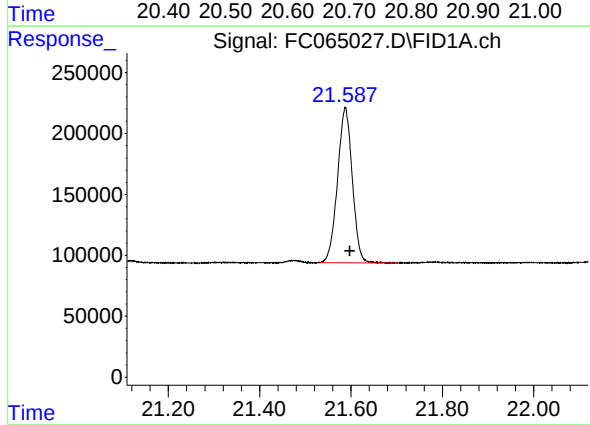
R.T.: 19.986 min
Delta R.T.: -0.007 min
Response: 2948441
Conc: 19.54 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.706 min
Delta R.T.: -0.008 min
Response: 2902210
Conc: 19.50 ug/ml

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FID_C
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20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 21.588 min
Delta R.T.: -0.010 min
Response: 2853247
Conc: 19.40 ug/ml