

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC052324AL\
 Data File : FC066461.D
 Signal(s) : FID1A.ch
 Acq On : 24 May 2024 02:07
 Operator : YP/AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: May 24 02:57:03 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 050124.M
 Quant Title : GC Extractables
 QLast Update : Thu May 02 09:03:15 2024
 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)	11.553	2749745	16.631 ug/ml
Spiked Amount 50.000		Recovery =	33.26%
12) S 1-chlorooctadecane (S...	12.992	2054682	16.751 ug/ml
Spiked Amount 50.000		Recovery =	33.50%
Target Compounds			
1) T n-Nonane (C9)	3.311	2399706	15.889 ug/ml
2) T n-Decane (C10)	4.379	2495357	16.226 ug/ml
3) T A~Naphthalene (C11.7)	5.960	2758867	16.239 ug/ml
4) T n-Dodecane (C12)	6.399	2512074	16.346 ug/ml
5) T A~2-methylnaphthalene...	7.018	2662562	16.155 ug/ml
6) T n-Tetradecane (C14)	8.196	2481265	16.395 ug/ml
7) T n-Hexadecane (C16)	9.797	2548366	16.666 ug/ml
8) T n-Octadecane (C18)	11.240	2559964	16.865 ug/ml
10) T n-Eicosane (C20)	12.549	2449781	17.030 ug/ml
11) T n-Heneicosane (C21)	13.162	2396466	17.049 ug/ml
13) T n-Docosane (C22)	13.748	2392651	17.090 ug/ml
14) T n-Tetracosane (C24)	14.852	2398121	17.035 ug/ml
15) T n-Hexacosane (C26)	15.872	2350710	17.186 ug/ml
16) T n-Octacosane (C28)	16.822	2361997	17.637 ug/ml
17) T n-Tricontane (C30)	17.710	2500985	18.558 ug/ml
18) T n-Dotriacontane (C32)	18.542	2516058	19.541 ug/ml
19) T n-Tetratriacontane (C34)	19.326	2402425	20.305 ug/ml
20) T n-Hexatriacontane (C36)	20.066	2402465	20.901 ug/ml
21) T n-Octatriacontane (C38)	20.799	2501082	23.237 ug/ml
22) T n-Tetracontane (C40)	21.709	2557522	23.850 ug/ml

(f)=RT Delta > 1/2 Window

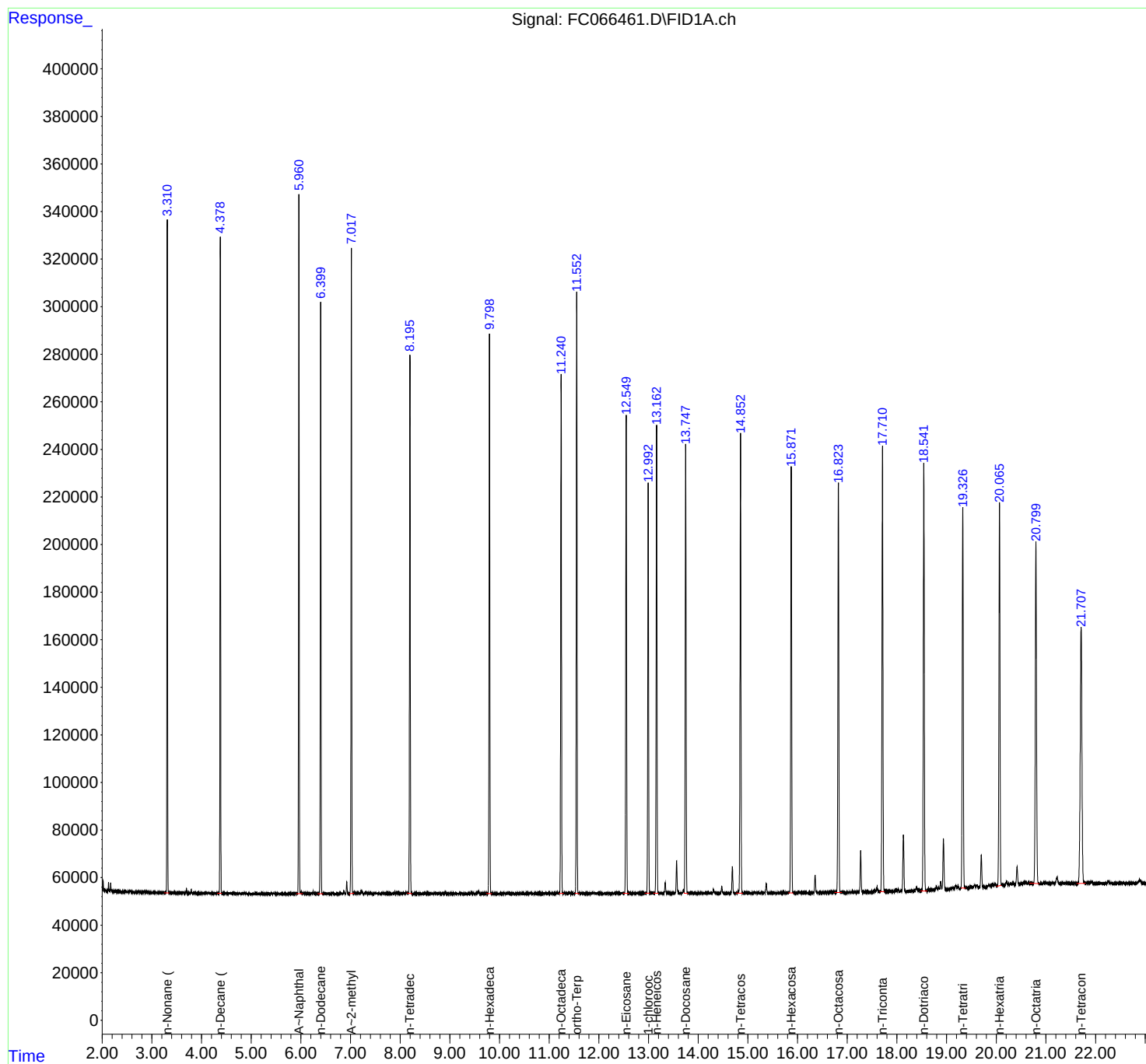
(m)=manual int.

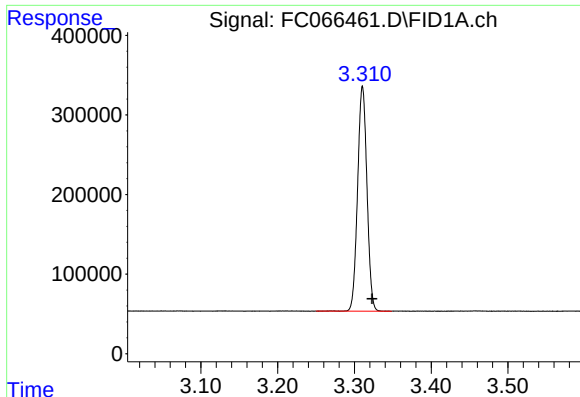
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC052324AL\
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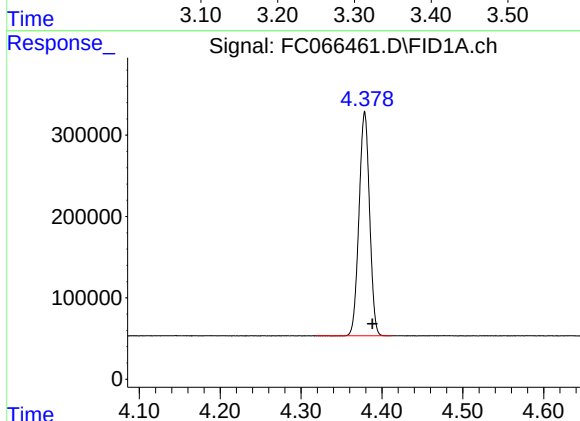




#1 n-Nonane (C9)

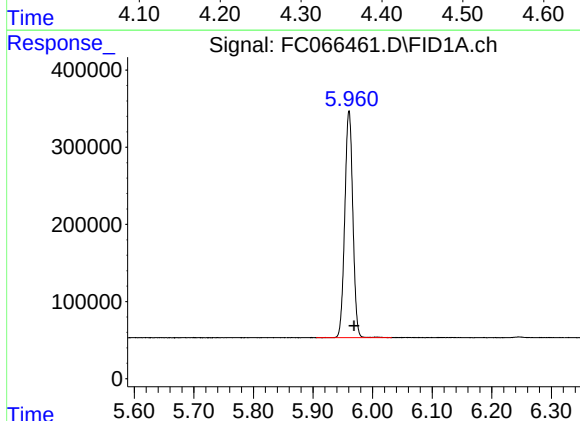
R.T.: 3.311 min
Delta R.T.: -0.012 min
Response: 2399706
Conc: 15.89 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



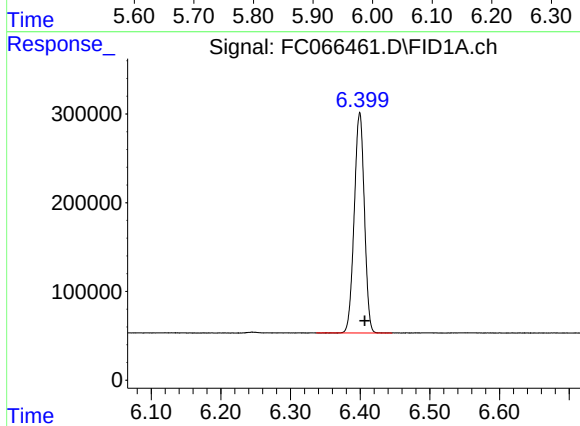
#2 n-Decane (C10)

R.T.: 4.379 min
Delta R.T.: -0.009 min
Response: 2495357
Conc: 16.23 ug/ml



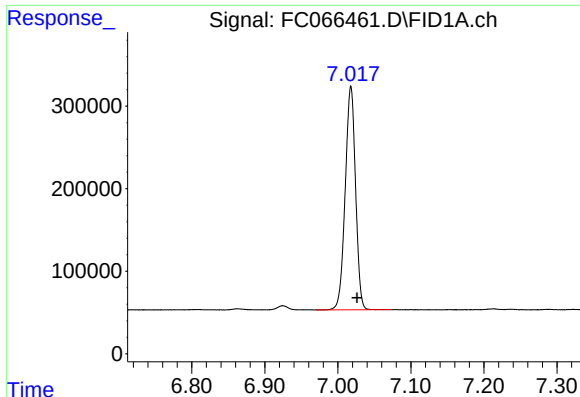
#3 A~Naphthalene (C11.7)

R.T.: 5.960 min
Delta R.T.: -0.009 min
Response: 2758867
Conc: 16.24 ug/ml



#4 n-Dodecane (C12)

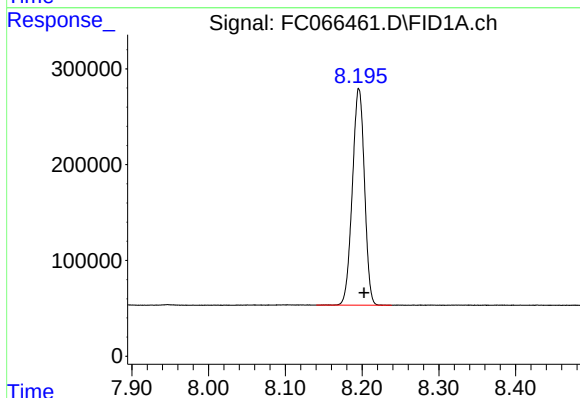
R.T.: 6.399 min
Delta R.T.: -0.007 min
Response: 2512074
Conc: 16.35 ug/ml



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

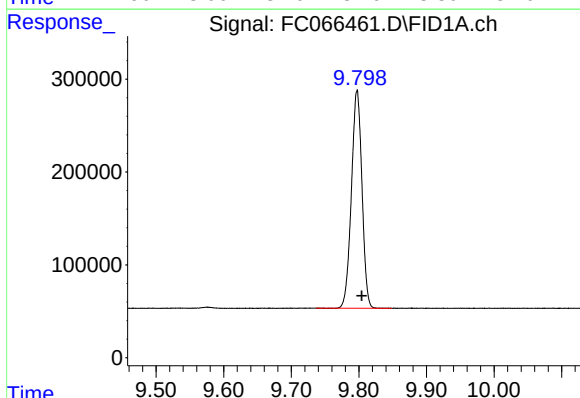
R.T.: 7.018 min
Delta R.T.: -0.009 min
Response: 2662562
Conc: 16.16 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



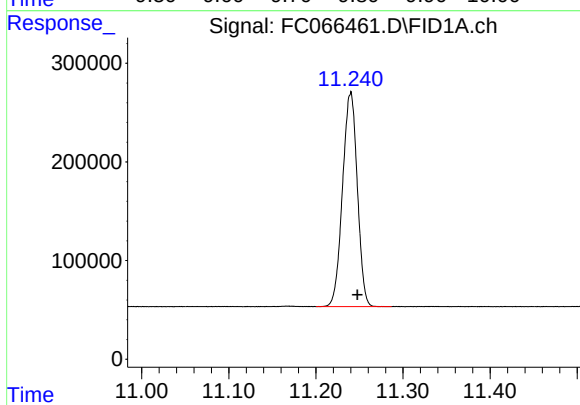
#6 n-Tetradecane (C14)

R.T.: 8.196 min
Delta R.T.: -0.007 min
Response: 2481265
Conc: 16.40 ug/ml



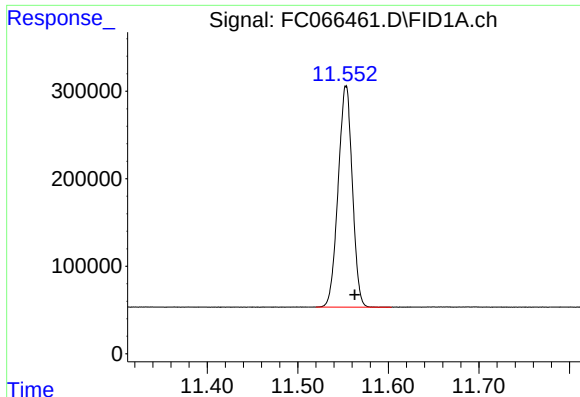
#7 n-Hexadecane (C16)

R.T.: 9.797 min
Delta R.T.: -0.007 min
Response: 2548366
Conc: 16.67 ug/ml



#8 n-Octadecane (C18)

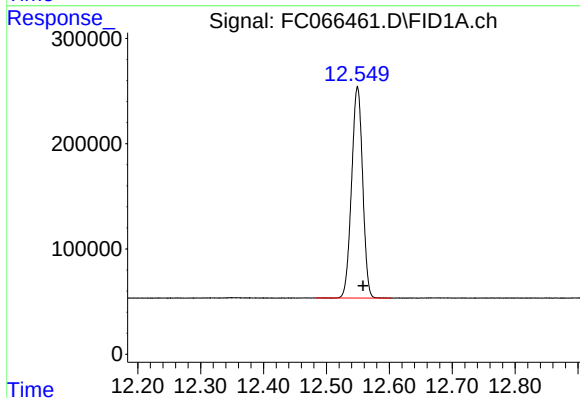
R.T.: 11.240 min
Delta R.T.: -0.008 min
Response: 2559964
Conc: 16.87 ug/ml



#9 ortho-Terphenyl (SURR)

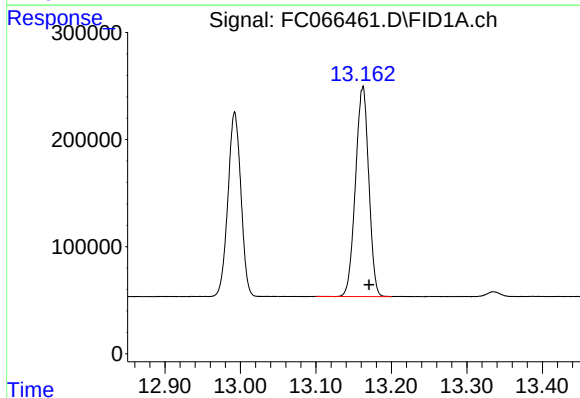
R.T.: 11.553 min
Delta R.T.: -0.010 min
Response: 2749745
Conc: 16.63 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



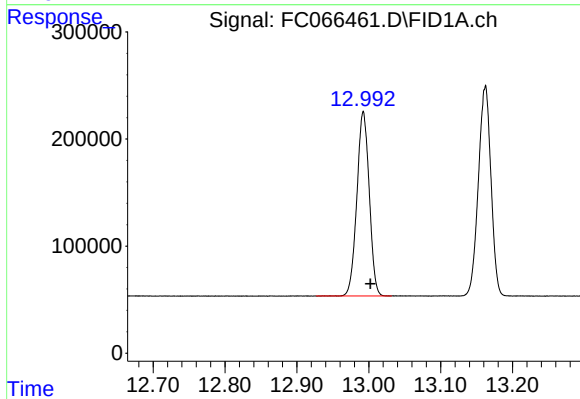
#10 n-Eicosane (C20)

R.T.: 12.549 min
Delta R.T.: -0.009 min
Response: 2449781
Conc: 17.03 ug/ml



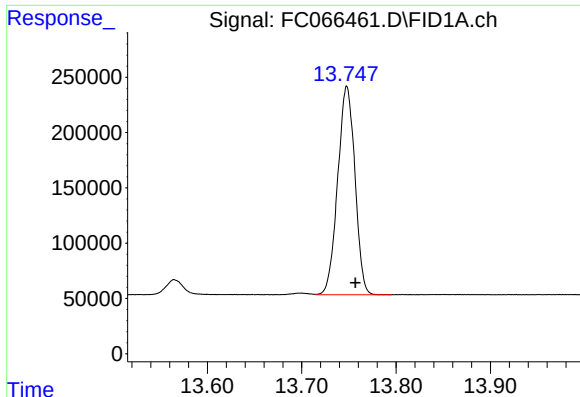
#11 n-Heneicosane (C21)

R.T.: 13.162 min
Delta R.T.: -0.009 min
Response: 2396466
Conc: 17.05 ug/ml



#12 1-chlorooctadecane (SURR)

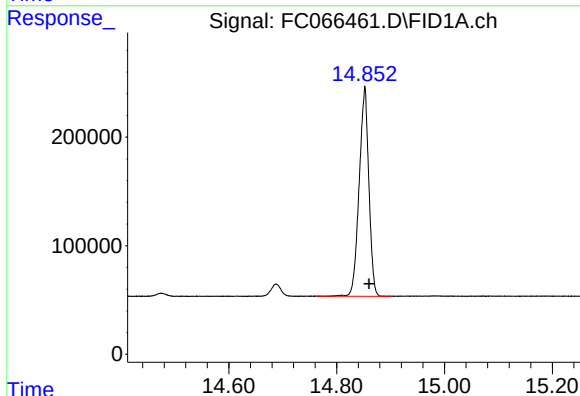
R.T.: 12.992 min
Delta R.T.: -0.010 min
Response: 2054682
Conc: 16.75 ug/ml



#13 n-Docosane (C22)

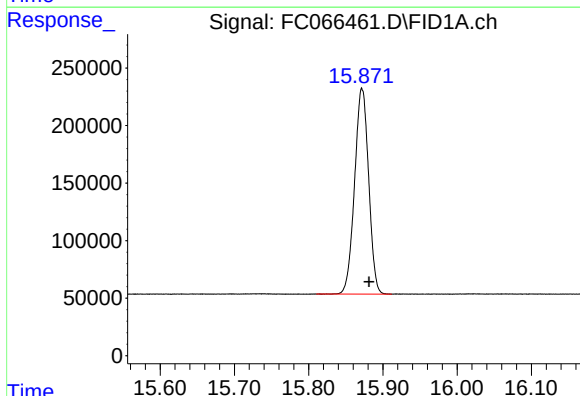
R.T.: 13.748 min
Delta R.T.: -0.009 min
Response: 2392651
Conc: 17.09 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



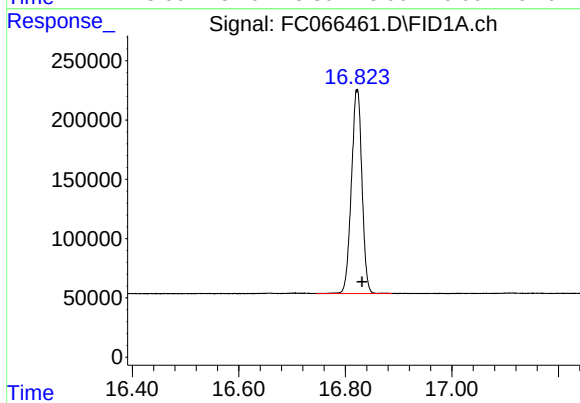
#14 n-Tetracosane (C24)

R.T.: 14.852 min
Delta R.T.: -0.008 min
Response: 2398121
Conc: 17.03 ug/ml



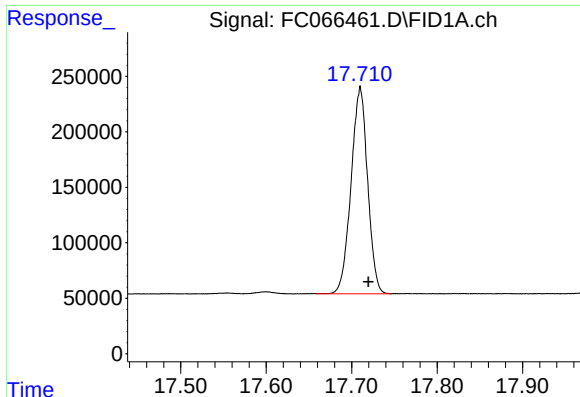
#15 n-Hexacosane (C26)

R.T.: 15.872 min
Delta R.T.: -0.009 min
Response: 2350710
Conc: 17.19 ug/ml



#16 n-Octacosane (C28)

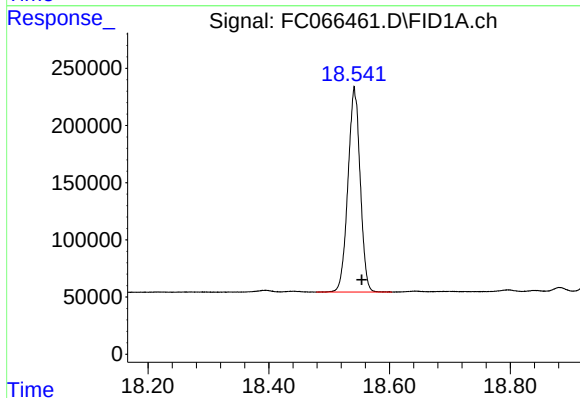
R.T.: 16.822 min
Delta R.T.: -0.009 min
Response: 2361997
Conc: 17.64 ug/ml



#17 n-Tricontane (C30)

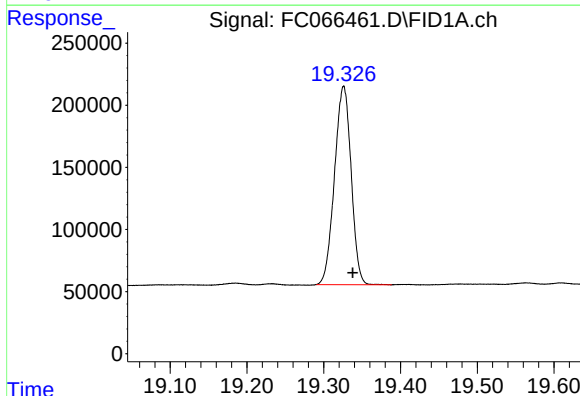
R.T.: 17.710 min
Delta R.T.: -0.010 min
Response: 2500985
Conc: 18.56 ug/ml

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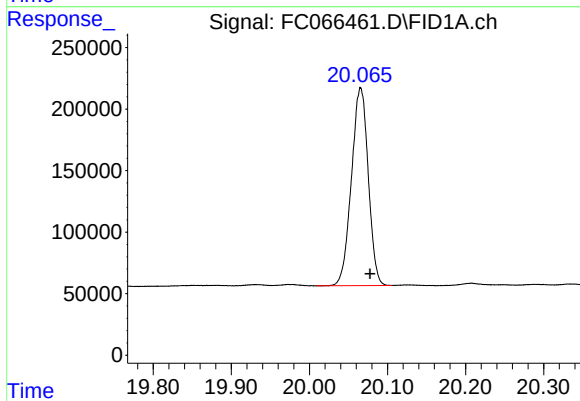
#18 n-Dotriacontane (C32)

R.T.: 18.542 min
Delta R.T.: -0.012 min
Response: 2516058
Conc: 19.54 ug/ml



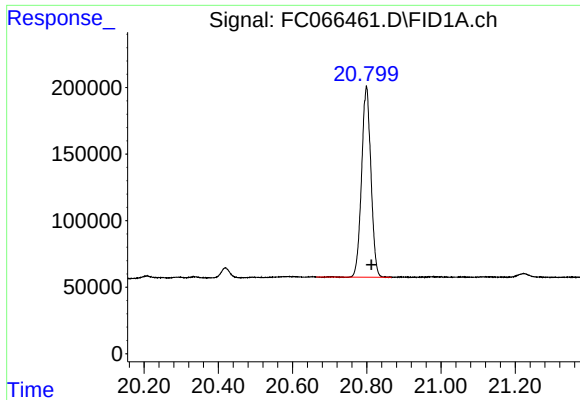
#19 n-Tetratriacontane (C34)

R.T.: 19.326 min
Delta R.T.: -0.012 min
Response: 2402425
Conc: 20.31 ug/ml



#20 n-Hexatriacontane (C36)

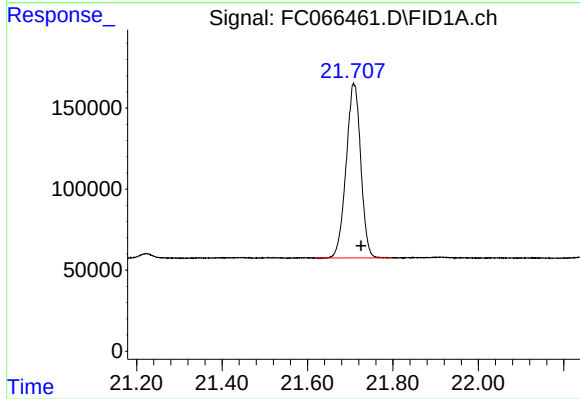
R.T.: 20.066 min
Delta R.T.: -0.012 min
Response: 2402465
Conc: 20.90 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.799 min
Delta R.T.: -0.014 min
Response: 2501082
Conc: 23.24 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 21.709 min
Delta R.T.: -0.017 min
Response: 2557522
Conc: 23.85 ug/ml