

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC081922AL\
 Data File : FC061228.D
 Signal(s) : FID1A.ch
 Acq On : 19 Aug 2022 22:18
 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: Aug 20 00:26:26 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 072522.M
 Quant Title : GC Extractables
 QLast Update : Mon Jul 25 19:40:54 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)	10.634	2958925	18.030 ug/ml
Spiked Amount 50.000		Recovery =	36.06%
12) S 1-chlorooctadecane (S...	11.994	2399612	18.076 ug/ml
Spiked Amount 50.000		Recovery =	36.15%
Target Compounds			
1) T n-Nonane (C9)	2.634	2668105	18.944 ug/ml
2) T n-Decane (C10)	3.629	2753006	19.516 ug/ml
3) T A~Naphthalene (C11.7)	5.192	2826868	19.887 ug/ml
4) T n-Dodecane (C12)	5.573	2952471	19.920 ug/ml
5) T A~2-methylnaphthalene...	6.220	2743291	20.002 ug/ml
6) T n-Tetradecane (C14)	7.318	2943481	19.606 ug/ml
7) T n-Hexadecane (C16)	8.877	2975457	19.443 ug/ml
8) T n-Octadecane (C18)	10.280	2992168	19.162 ug/ml
10) T n-Eicosane (C20)	11.556	2940169	18.735 ug/ml
11) T n-Heneicosane (C21)	12.153	2889315	18.466 ug/ml
13) T n-Docosane (C22)	12.724	2853745	18.303 ug/ml
14) T n-Tetracosane (C24)	13.798	2756871	18.058 ug/ml
15) T n-Hexacosane (C26)	14.794	2642550	17.703 ug/ml
16) T n-Octacosane (C28)	15.719	2612668	18.233 ug/ml
17) T n-Tricontane (C30)	16.584	2793587	19.954 ug/ml
18) T n-Dotriacontane (C32)	17.394	2915966	21.606 ug/ml
19) T n-Tetratriacontane (C34)	18.157	2823773	22.515 ug/ml
20) T n-Hexatriacontane (C36)	18.876	2790828	22.832 ug/ml
21) T n-Octatriacontane (C38)	19.557	2694290	22.828 ug/ml
22) T n-Tetracontane (C40)	20.202	2579813	22.414 ug/ml

(f)=RT Delta > 1/2 Window

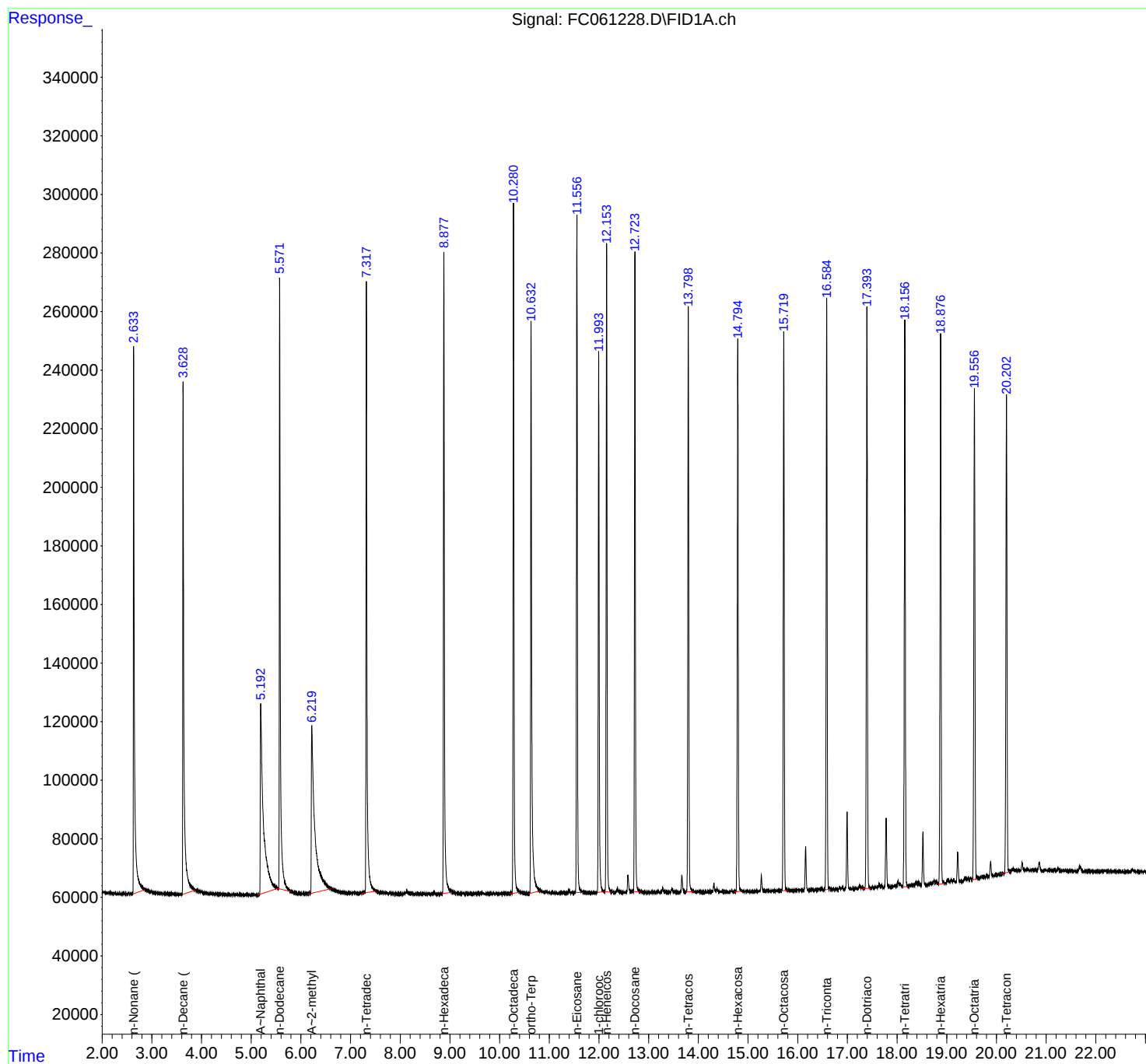
(m)=manual int.

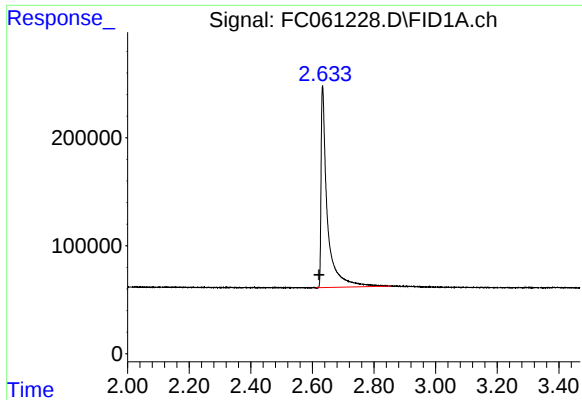
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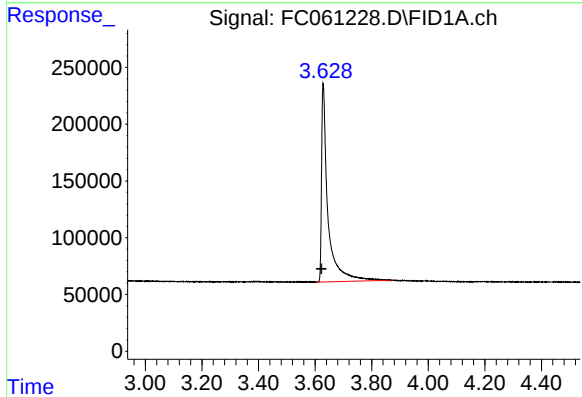




#1 n-Nonane (C9)

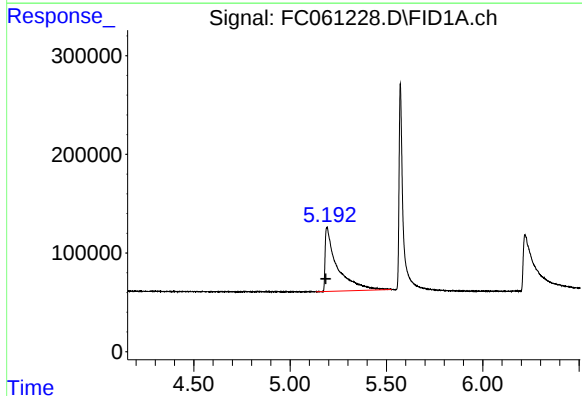
R.T.: 2.634 min
Delta R.T.: 0.012 min
Response: 2668105
Conc: 18.94 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



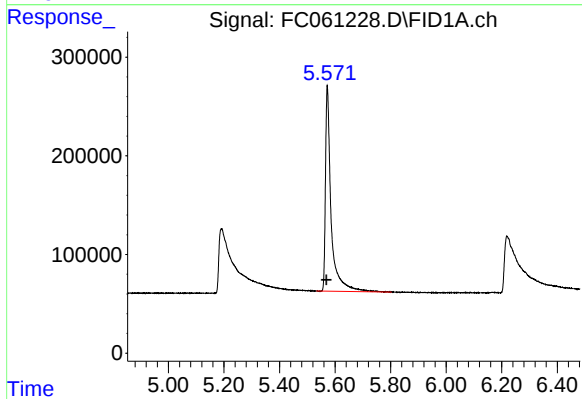
#2 n-Decane (C10)

R.T.: 3.629 min
Delta R.T.: 0.008 min
Response: 2753006
Conc: 19.52 ug/ml



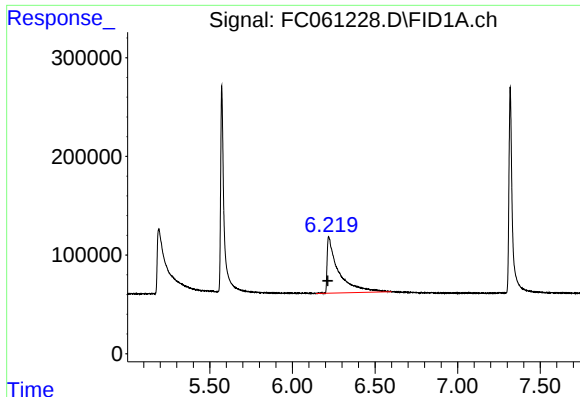
#3 A~Naphthalene (C11.7)

R.T.: 5.192 min
Delta R.T.: 0.007 min
Response: 2826868
Conc: 19.89 ug/ml



#4 n-Dodecane (C12)

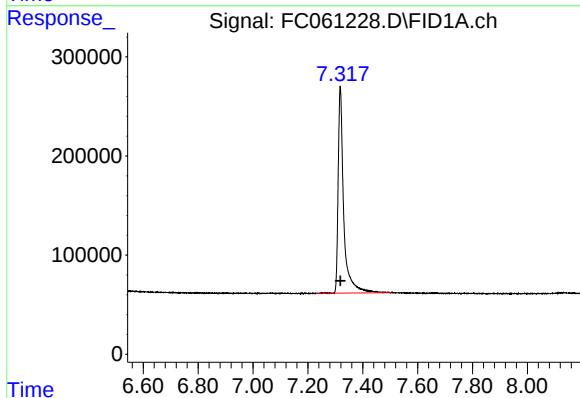
R.T.: 5.573 min
Delta R.T.: 0.003 min
Response: 2952471
Conc: 19.92 ug/ml



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

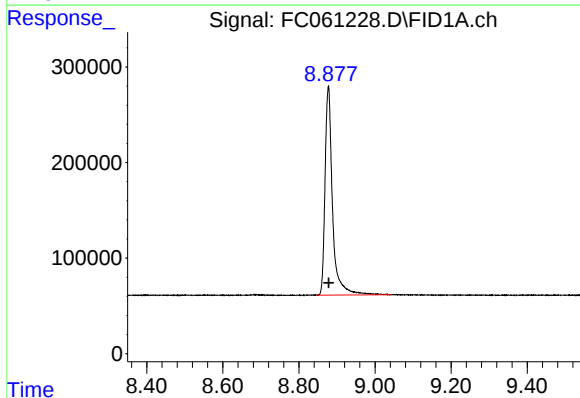
R.T.: 6.220 min
Delta R.T.: 0.006 min
Response: 2743291
Conc: 20.00 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



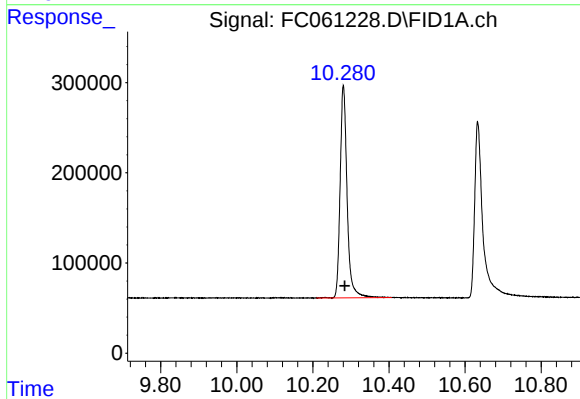
#6 n-Tetradecane (C14)

R.T.: 7.318 min
Delta R.T.: 0.000 min
Response: 2943481
Conc: 19.61 ug/ml



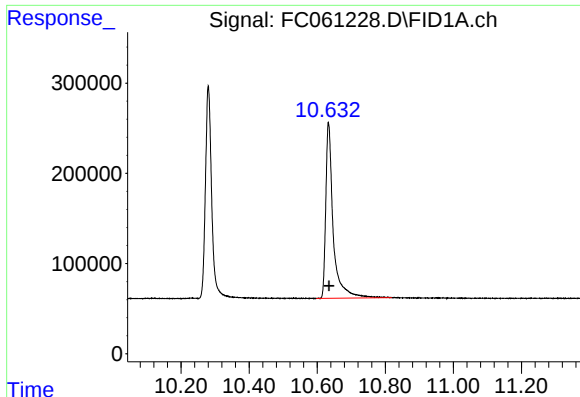
#7 n-Hexadecane (C16)

R.T.: 8.877 min
Delta R.T.: -0.001 min
Response: 2975457
Conc: 19.44 ug/ml



#8 n-Octadecane (C18)

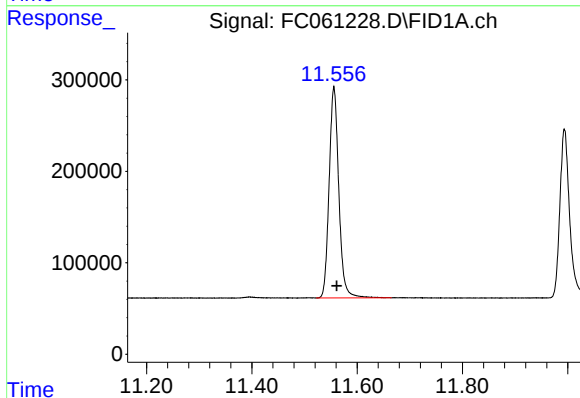
R.T.: 10.280 min
Delta R.T.: -0.003 min
Response: 2992168
Conc: 19.16 ug/ml



#9 ortho-Terphenyl (SURR)

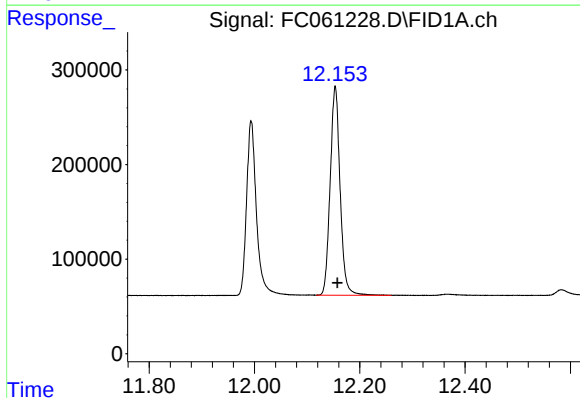
R.T.: 10.634 min
Delta R.T.: -0.001 min
Response: 2958925
Conc: 18.03 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



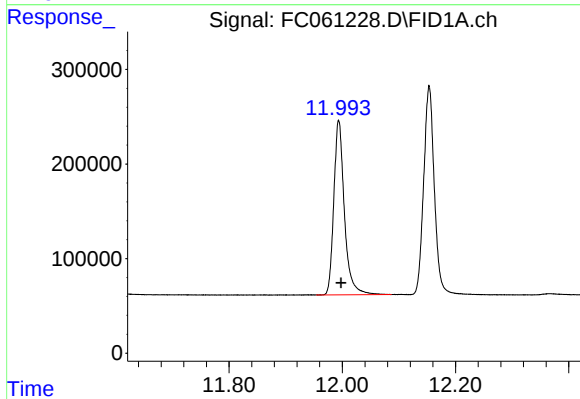
#10 n-Eicosane (C20)

R.T.: 11.556 min
Delta R.T.: -0.005 min
Response: 2940169
Conc: 18.74 ug/ml



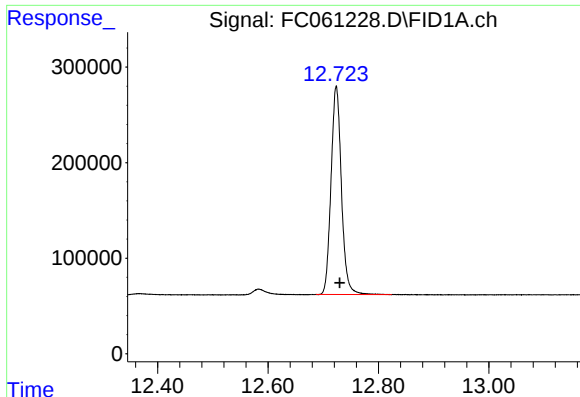
#11 n-Heneicosane (C21)

R.T.: 12.153 min
Delta R.T.: -0.005 min
Response: 2889315
Conc: 18.47 ug/ml



#12 1-chlorooctadecane (SURR)

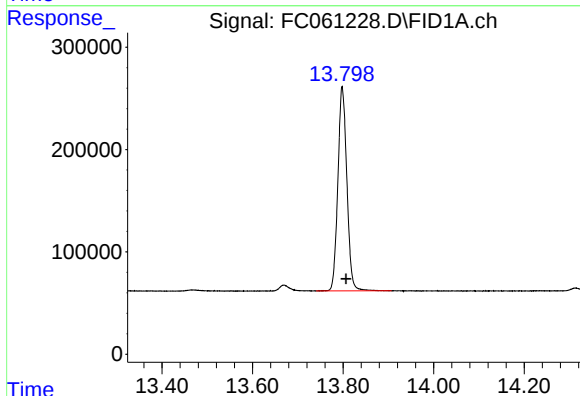
R.T.: 11.994 min
Delta R.T.: -0.004 min
Response: 2399612
Conc: 18.08 ug/ml



#13 n-Docosane (C22)

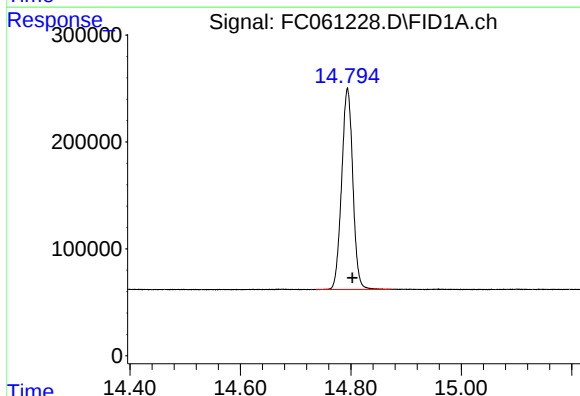
R.T.: 12.724 min
Delta R.T.: -0.006 min
Response: 2853745
Conc: 18.30 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



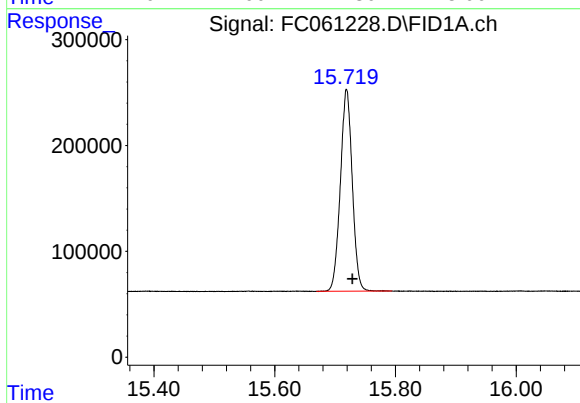
#14 n-Tetracosane (C24)

R.T.: 13.798 min
Delta R.T.: -0.008 min
Response: 2756871
Conc: 18.06 ug/ml



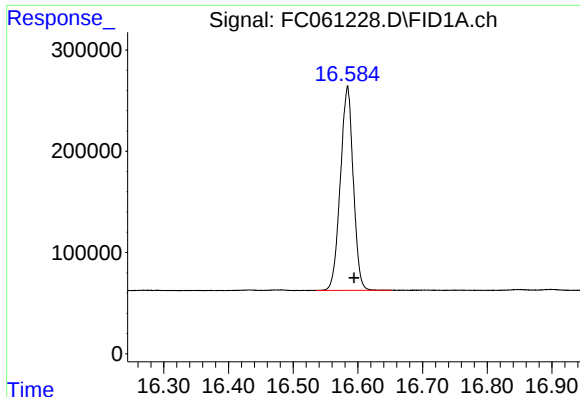
#15 n-Hexacosane (C26)

R.T.: 14.794 min
Delta R.T.: -0.009 min
Response: 2642550
Conc: 17.70 ug/ml



#16 n-Octacosane (C28)

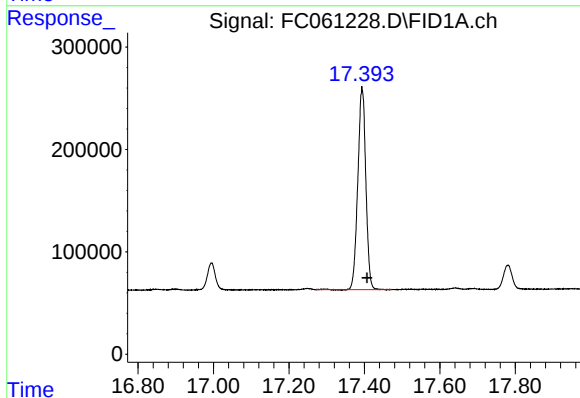
R.T.: 15.719 min
Delta R.T.: -0.009 min
Response: 2612668
Conc: 18.23 ug/ml



#17 n-Tricontane (C30)

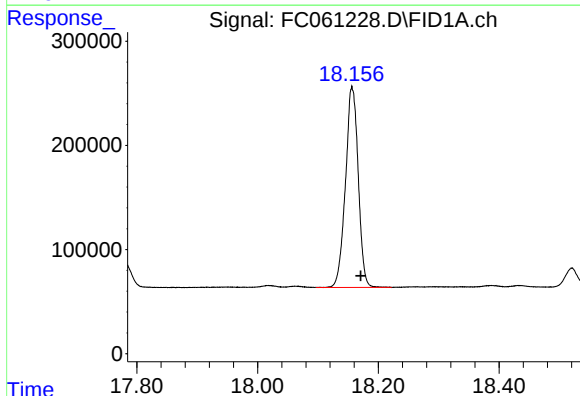
R.T.: 16.584 min
Delta R.T.: -0.011 min
Response: 2793587
Conc: 19.95 ug/ml

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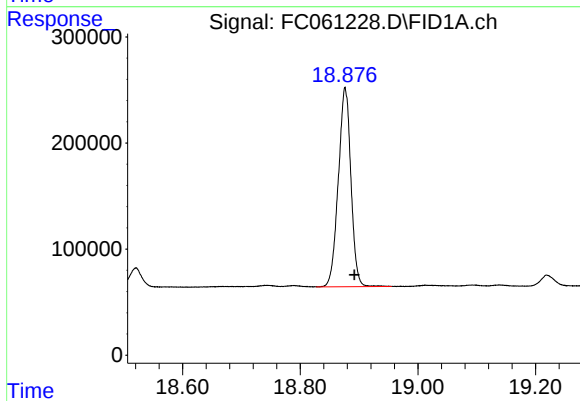
#18 n-Dotriacontane (C32)

R.T.: 17.394 min
Delta R.T.: -0.013 min
Response: 2915966
Conc: 21.61 ug/ml



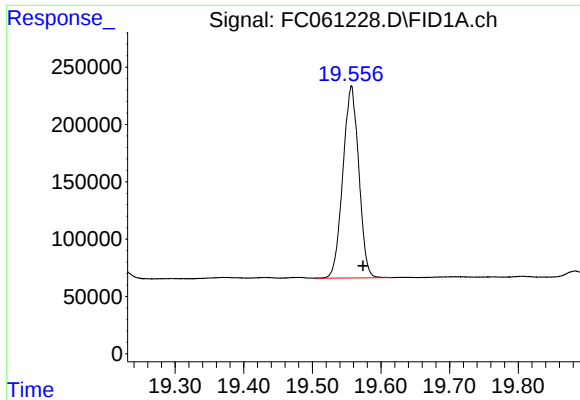
#19 n-Tetratriacontane (C34)

R.T.: 18.157 min
Delta R.T.: -0.014 min
Response: 2823773
Conc: 22.51 ug/ml



#20 n-Hexatriacontane (C36)

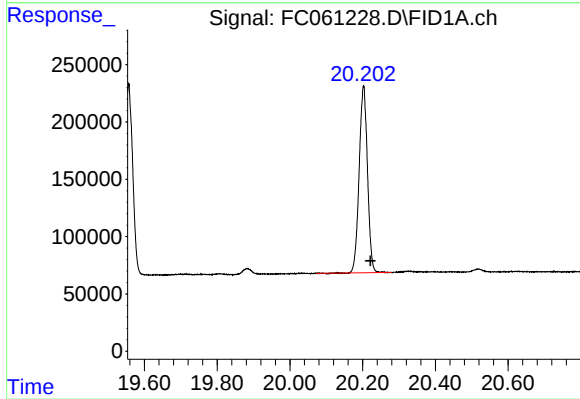
R.T.: 18.876 min
Delta R.T.: -0.016 min
Response: 2790828
Conc: 22.83 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 19.557 min
Delta R.T.: -0.017 min
Response: 2694290
Conc: 22.83 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 20.202 min
Delta R.T.: -0.020 min
Response: 2579813
Conc: 22.41 ug/ml