

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC080224AL\
 Data File : FC066912.D
 Signal(s) : FID1A.ch
 Acq On : 02 Aug 2024 22:41
 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 02 23:33:37 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 071524.M
 Quant Title : GC Extractables
 QLast Update : Mon Jul 15 13:58:41 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)	11.516	3130595	20.335 ug/ml
Spiked Amount 50.000		Recovery =	40.67%
12) S 1-chlorooctadecane (S...	12.954	2313003	20.686 ug/ml
Spiked Amount 50.000		Recovery =	41.37%
Target Compounds			
1) T n-Nonane (C9)	3.281	2953777	20.817 ug/ml
2) T n-Decane (C10)	4.347	3040788	20.570 ug/ml
3) T A~Naphthalene (C11.7)	5.928	3247476	20.335 ug/ml
4) T n-Dodecane (C12)	6.366	3027125	20.192 ug/ml
5) T A~2-methylnaphthalene...	6.984	3102410	20.237 ug/ml
6) T n-Tetradecane (C14)	8.161	2946292	20.137 ug/ml
7) T n-Hexadecane (C16)	9.762	2983017	19.931 ug/ml
8) T n-Octadecane (C18)	11.203	2965251	19.982 ug/ml
10) T n-Eicosane (C20)	12.512	2799709	20.086 ug/ml
11) T n-Heneicosane (C21)	13.123	2729813	20.041 ug/ml
13) T n-Docosane (C22)	13.709	2713789	20.204 ug/ml
14) T n-Tetracosane (C24)	14.811	2683239	20.173 ug/ml
15) T n-Hexacosane (C26)	15.831	2621004	20.143 ug/ml
16) T n-Octacosane (C28)	16.781	2580513	20.455 ug/ml
17) T n-Tricontane (C30)	17.668	2663683	20.714 ug/ml
18) T n-Dotriacontane (C32)	18.500	2630433	20.894 ug/ml
19) T n-Tetratriacontane (C34)	19.283	2506436	20.260 ug/ml
20) T n-Hexatriacontane (C36)	20.022	2318162	19.928 ug/ml
21) T n-Octatriacontane (C38)	20.751	2246942	20.223 ug/ml
22) T n-Tetracontane (C40)	21.647	2167528	19.938 ug/ml

(f)=RT Delta > 1/2 Window

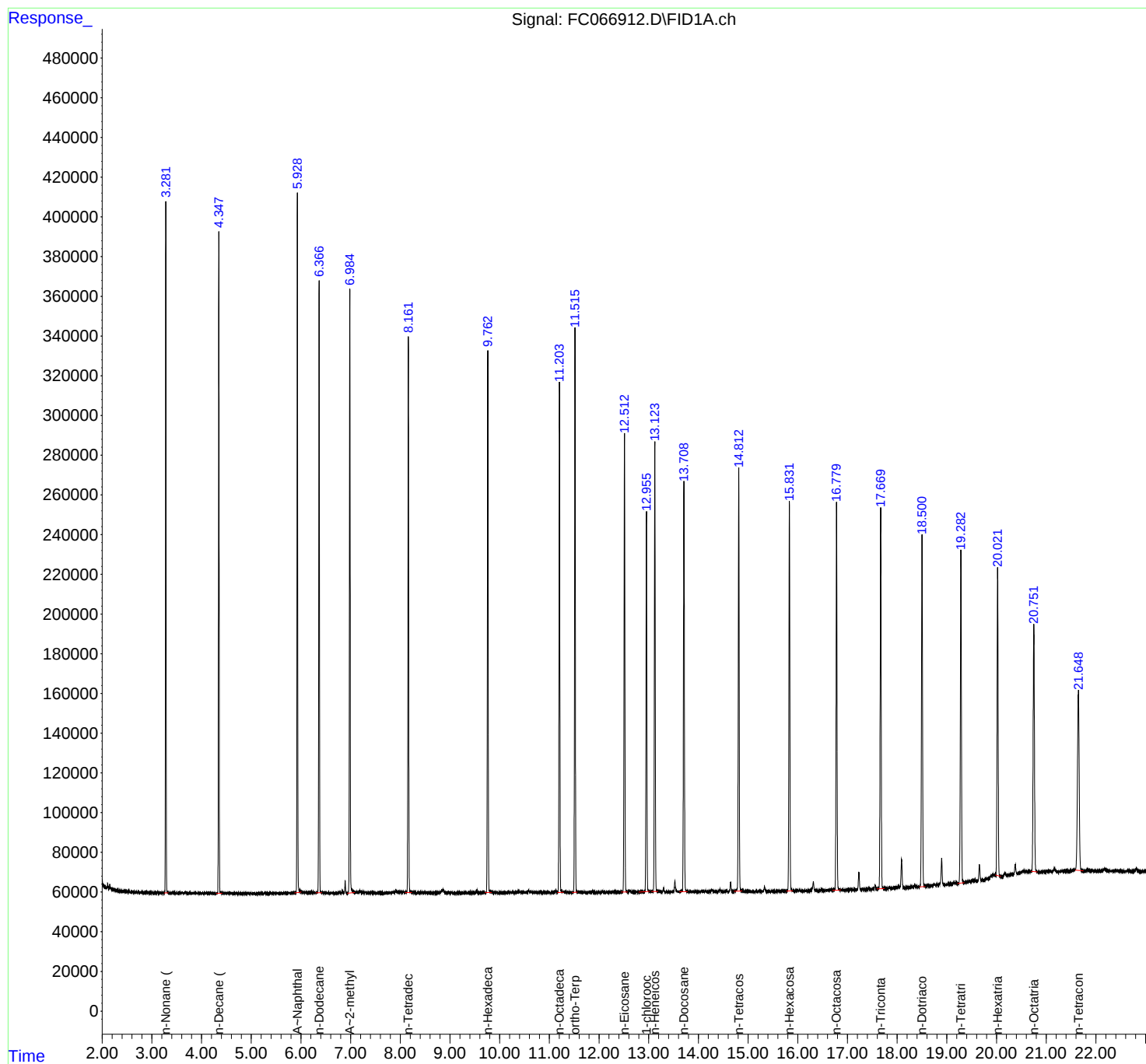
(m)=manual int.

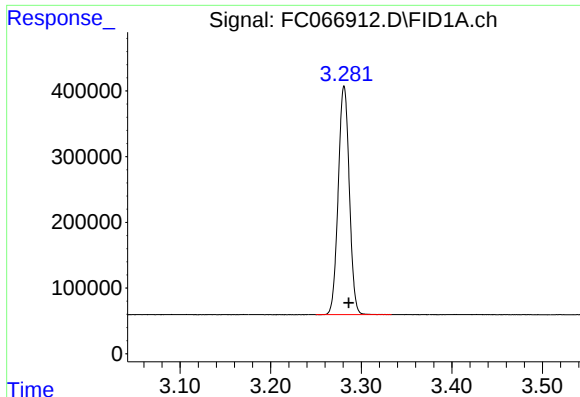
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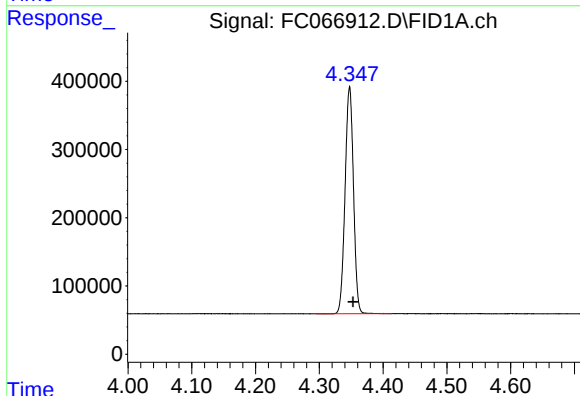




#1 n-Nonane (C9)

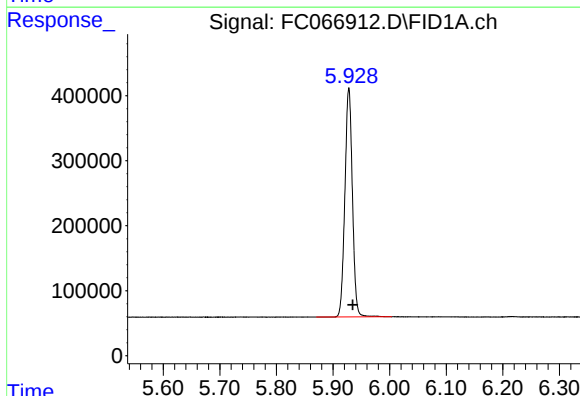
R.T.: 3.281 min
Delta R.T.: -0.005 min
Response: 2953777
Conc: 20.82 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



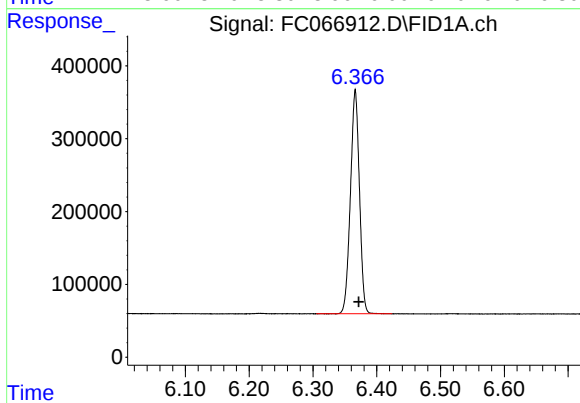
#2 n-Decane (C10)

R.T.: 4.347 min
Delta R.T.: -0.005 min
Response: 3040788
Conc: 20.57 ug/ml



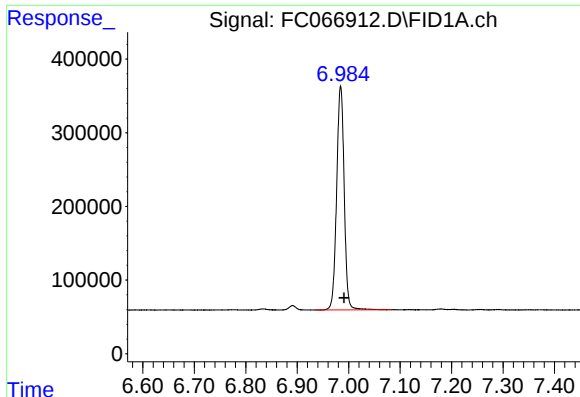
#3 A~Naphthalene (C11.7)

R.T.: 5.928 min
Delta R.T.: -0.007 min
Response: 3247476
Conc: 20.34 ug/ml



#4 n-Dodecane (C12)

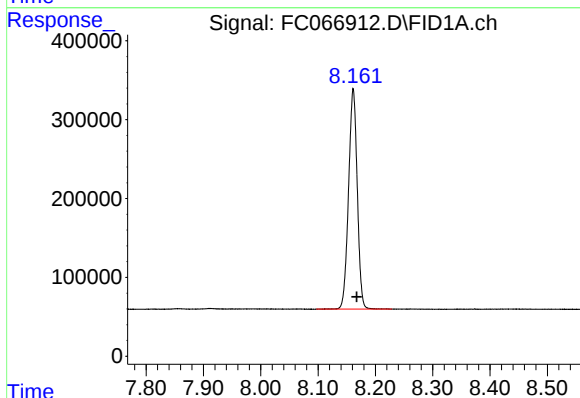
R.T.: 6.366 min
Delta R.T.: -0.006 min
Response: 3027125
Conc: 20.19 ug/ml



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

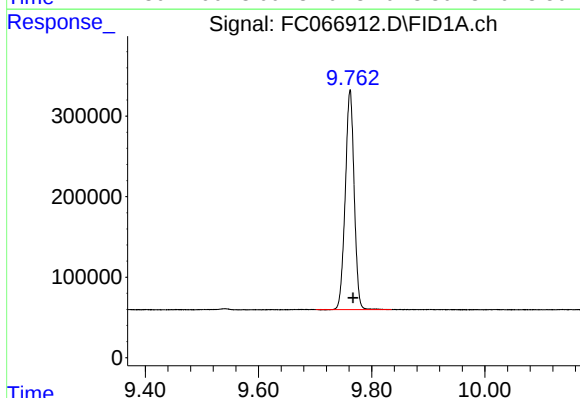
R.T.: 6.984 min
Delta R.T.: -0.007 min
Response: 3102410
Conc: 20.24 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



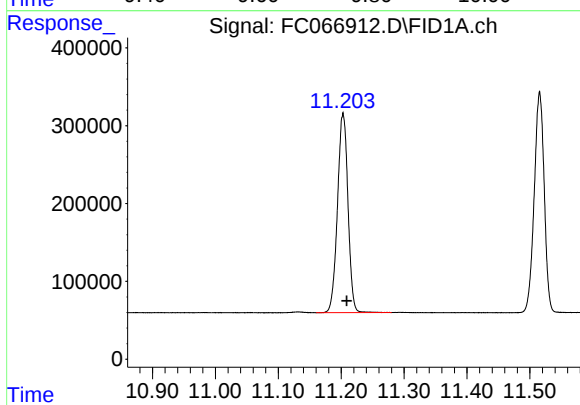
#6 n-Tetradecane (C14)

R.T.: 8.161 min
Delta R.T.: -0.006 min
Response: 2946292
Conc: 20.14 ug/ml



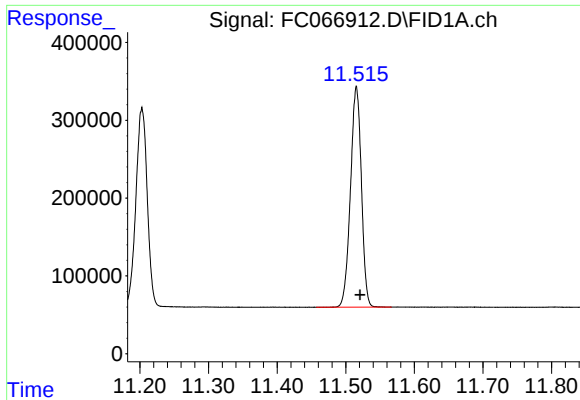
#7 n-Hexadecane (C16)

R.T.: 9.762 min
Delta R.T.: -0.006 min
Response: 2983017
Conc: 19.93 ug/ml



#8 n-Octadecane (C18)

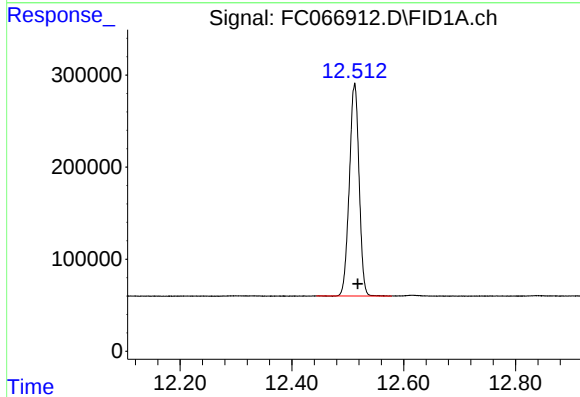
R.T.: 11.203 min
Delta R.T.: -0.006 min
Response: 2965251
Conc: 19.98 ug/ml



#9 ortho-Terphenyl (SURR)

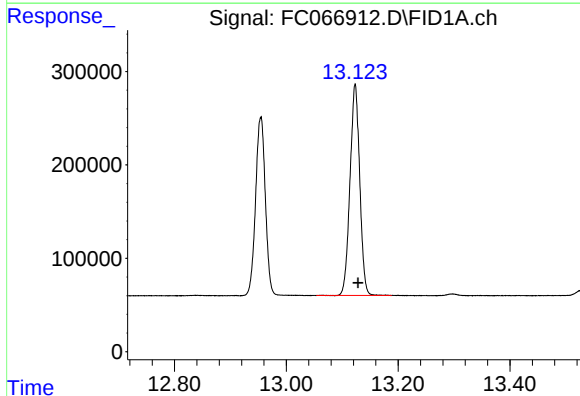
R.T.: 11.516 min
Delta R.T.: -0.005 min
Response: 3130595
Conc: 20.33 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



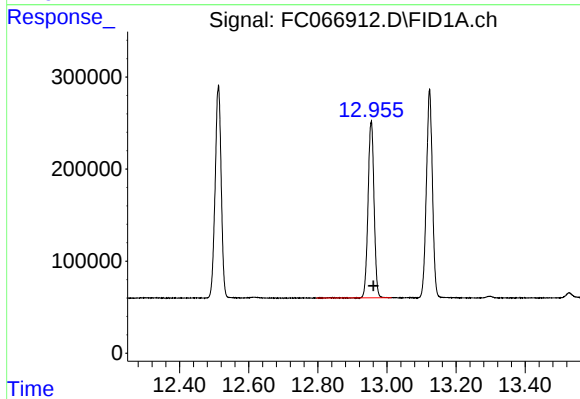
#10 n-Eicosane (C20)

R.T.: 12.512 min
Delta R.T.: -0.006 min
Response: 2799709
Conc: 20.09 ug/ml



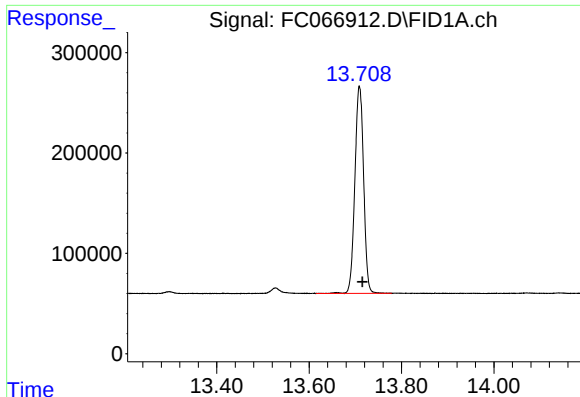
#11 n-Heneicosane (C21)

R.T.: 13.123 min
Delta R.T.: -0.005 min
Response: 2729813
Conc: 20.04 ug/ml



#12 1-chlorooctadecane (SURR)

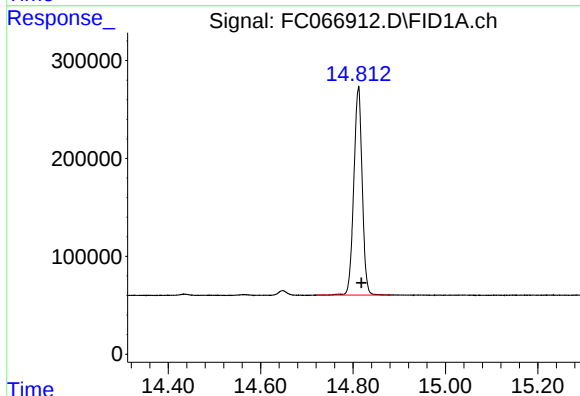
R.T.: 12.954 min
Delta R.T.: -0.006 min
Response: 2313003
Conc: 20.69 ug/ml



#13 n-Docosane (C22)

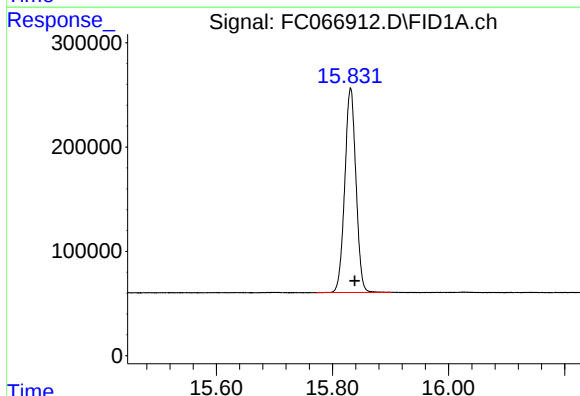
R.T.: 13.709 min
Delta R.T.: -0.006 min
Response: 2713789
Conc: 20.20 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



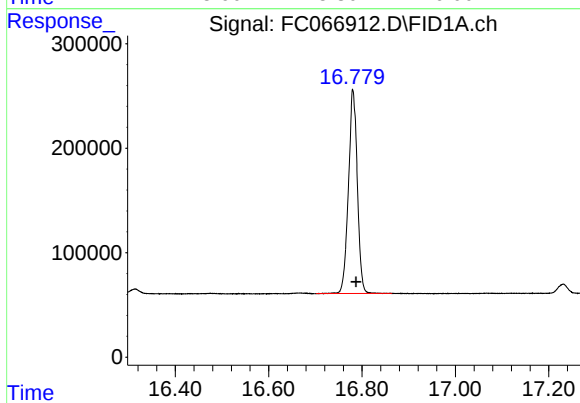
#14 n-Tetracosane (C24)

R.T.: 14.811 min
Delta R.T.: -0.006 min
Response: 2683239
Conc: 20.17 ug/ml



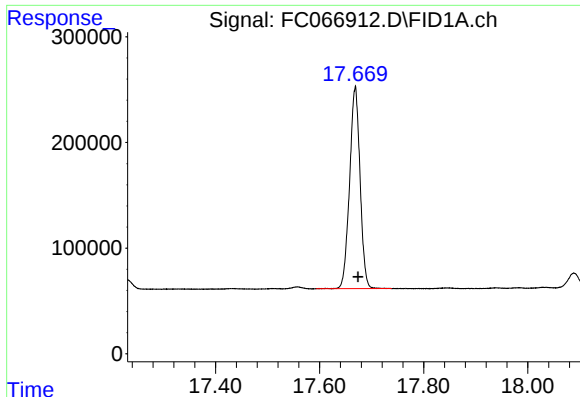
#15 n-Hexacosane (C26)

R.T.: 15.831 min
Delta R.T.: -0.007 min
Response: 2621004
Conc: 20.14 ug/ml



#16 n-Octacosane (C28)

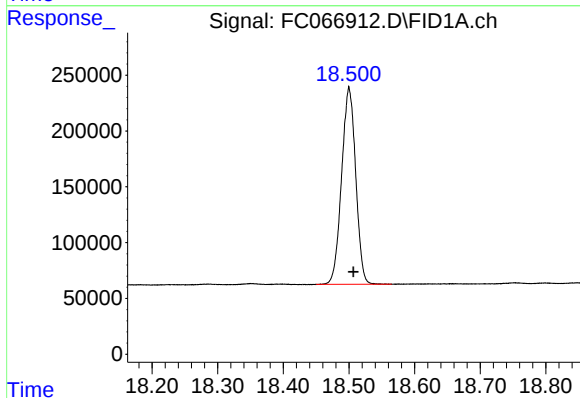
R.T.: 16.781 min
Delta R.T.: -0.007 min
Response: 2580513
Conc: 20.46 ug/ml



#17 n-Tricontane (C30)

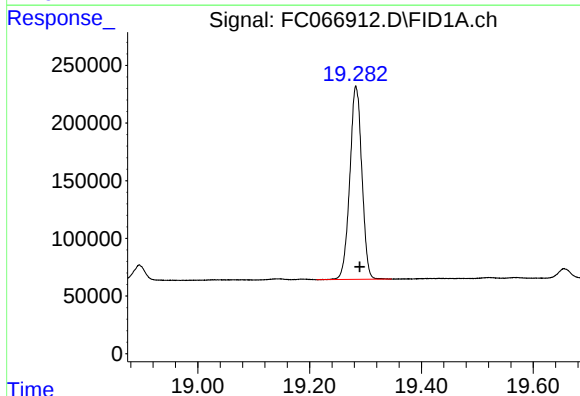
R.T.: 17.668 min
Delta R.T.: -0.006 min
Response: 2663683
Conc: 20.71 ug/ml

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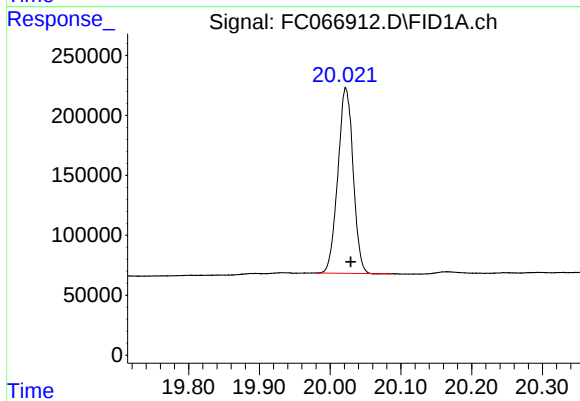
#18 n-Dotriacontane (C32)

R.T.: 18.500 min
Delta R.T.: -0.007 min
Response: 2630433
Conc: 20.89 ug/ml



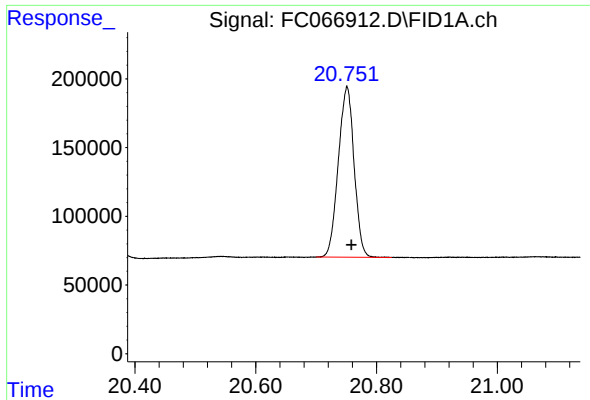
#19 n-Tetratriacontane (C34)

R.T.: 19.283 min
Delta R.T.: -0.007 min
Response: 2506436
Conc: 20.26 ug/ml



#20 n-Hexatriacontane (C36)

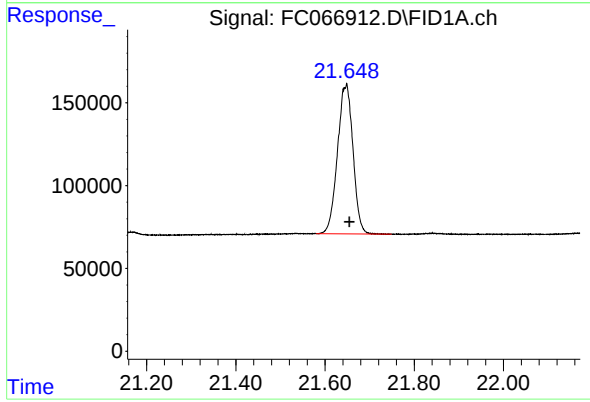
R.T.: 20.022 min
Delta R.T.: -0.007 min
Response: 2318162
Conc: 19.93 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.751 min
Delta R.T.: -0.007 min
Response: 2246942
Conc: 20.22 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 21.647 min
Delta R.T.: -0.007 min
Response: 2167528
Conc: 19.94 ug/ml