

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC080724AL\
 Data File : FC066948.D
 Signal(s) : FID1A.ch
 Acq On : 07 Aug 2024 12:42
 Operator : YP/AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: Aug 08 02:11:26 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)	11.514	3019183	19.611 ug/ml
Spiked Amount 50.000		Recovery =	39.22%
12) S 1-chlorooctadecane (S...	12.953	2237260	20.008 ug/ml
Spiked Amount 50.000		Recovery =	40.02%
Target Compounds			
1) T n-Nonane (C9)	3.280	2878315	20.285 ug/ml
2) T n-Decane (C10)	4.347	2949449	19.952 ug/ml
3) T A~Naphthalene (C11.7)	5.927	3147665	19.710 ug/ml
4) T n-Dodecane (C12)	6.366	2960277	19.746 ug/ml
5) T A~2-methylnaphthalene...	6.984	2998547	19.560 ug/ml
6) T n-Tetradecane (C14)	8.161	2890057	19.753 ug/ml
7) T n-Hexadecane (C16)	9.760	2958024	19.764 ug/ml
8) T n-Octadecane (C18)	11.202	2952949	19.899 ug/ml
10) T n-Eicosane (C20)	12.510	2767524	19.855 ug/ml
11) T n-Heneicosane (C21)	13.122	2686455	19.723 ug/ml
13) T n-Docosane (C22)	13.708	2643192	19.678 ug/ml
14) T n-Tetracosane (C24)	14.810	2577970	19.381 ug/ml
15) T n-Hexacosane (C26)	15.830	2510705	19.296 ug/ml
16) T n-Octacosane (C28)	16.779	2454116	19.453 ug/ml
17) T n-Tricontane (C30)	17.666	2476665	19.260 ug/ml
18) T n-Dotriacontane (C32)	18.498	2433505	19.330 ug/ml
19) T n-Tetratriacontane (C34)	19.280	2376151	19.207 ug/ml
20) T n-Hexatriacontane (C36)	20.021	2291015	19.695 ug/ml
21) T n-Octatriacontane (C38)	20.747	2272466	20.453 ug/ml
22) T n-Tetracontane (C40)	21.641	2190600	20.150 ug/ml

(f)=RT Delta > 1/2 Window

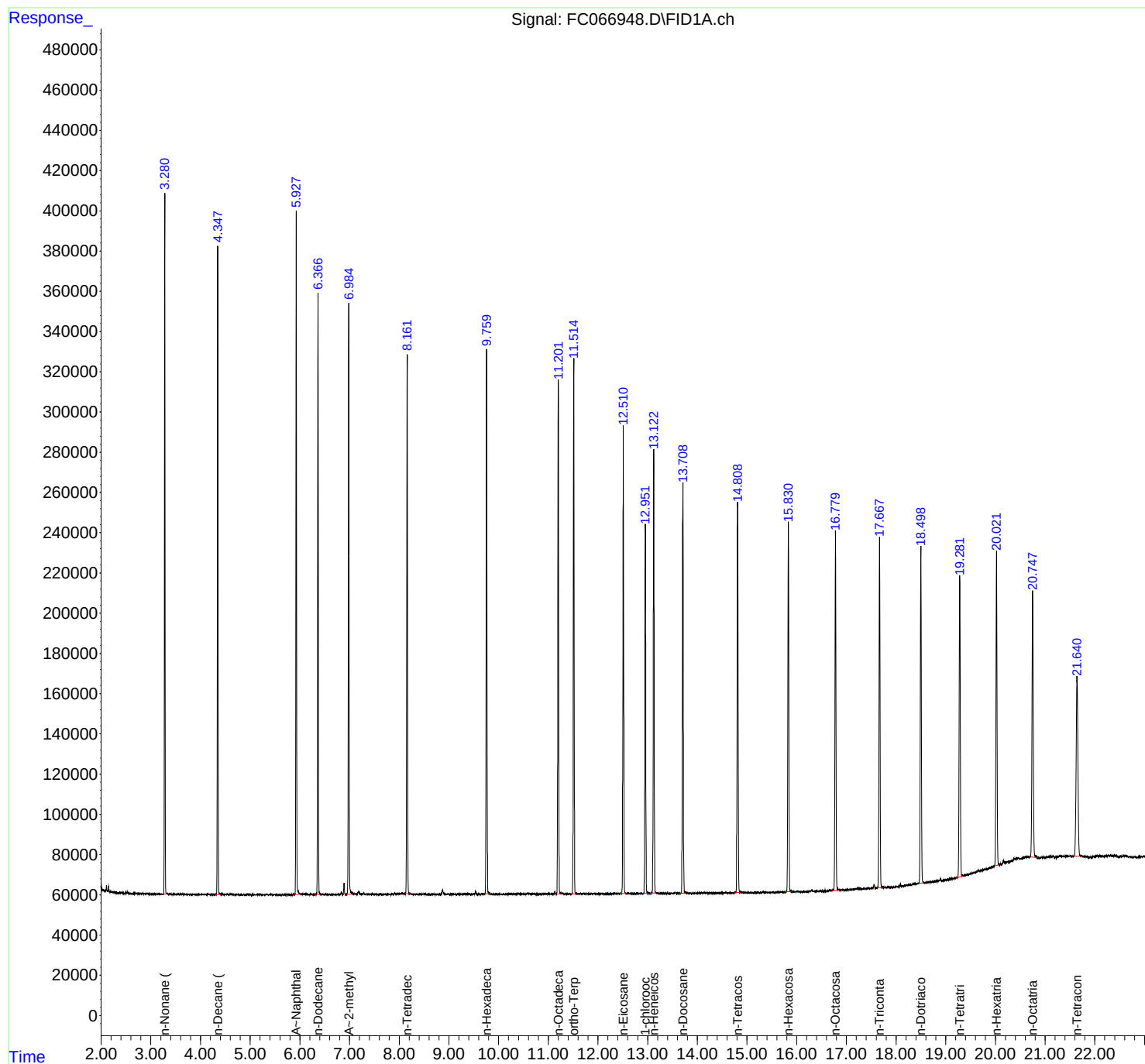
(m)=manual int.

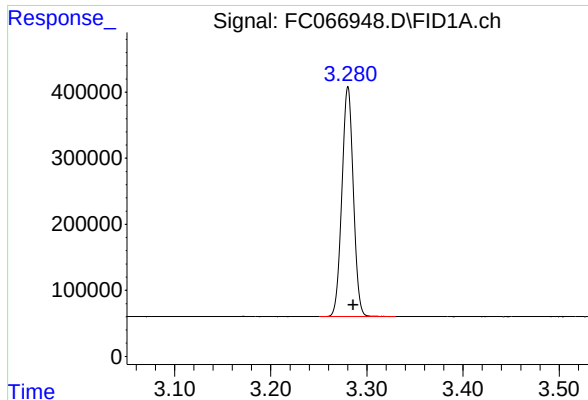
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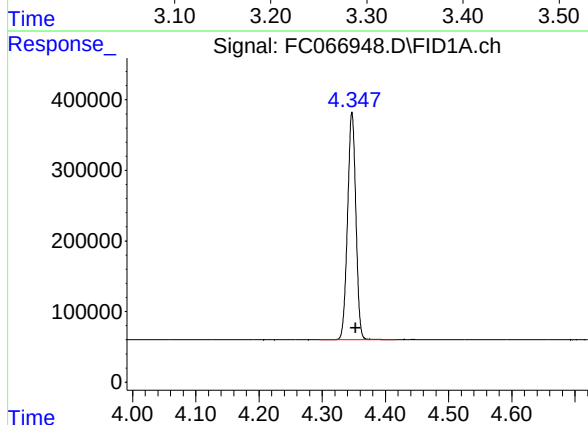




#1 n-Nonane (C9)

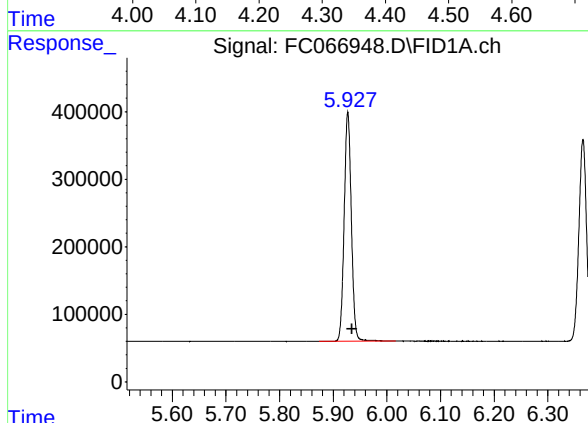
R.T.: 3.280 min
Delta R.T.: -0.006 min
Response: 2878315
Conc: 20.29 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



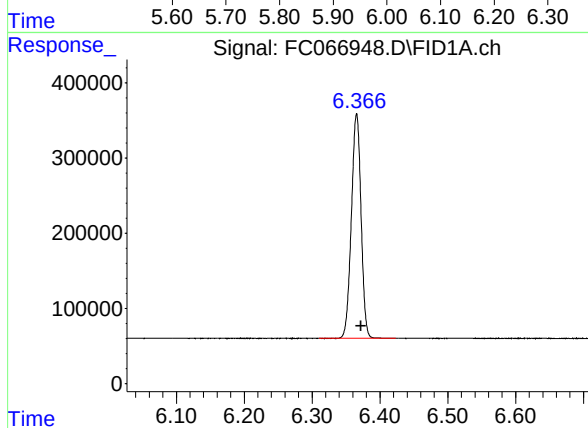
#2 n-Decane (C10)

R.T.: 4.347 min
Delta R.T.: -0.006 min
Response: 2949449
Conc: 19.95 ug/ml



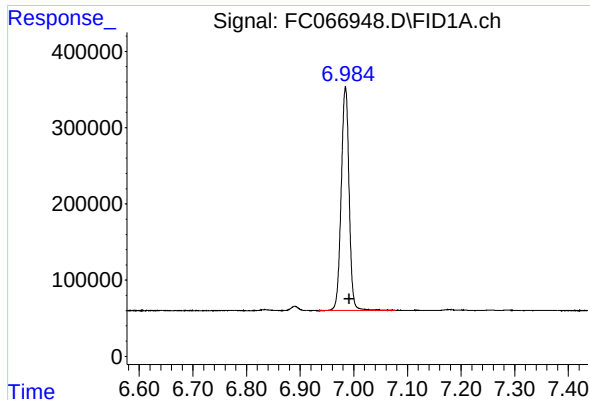
#3 A~Naphthalene (C11.7)

R.T.: 5.927 min
Delta R.T.: -0.008 min
Response: 3147665
Conc: 19.71 ug/ml



#4 n-Dodecane (C12)

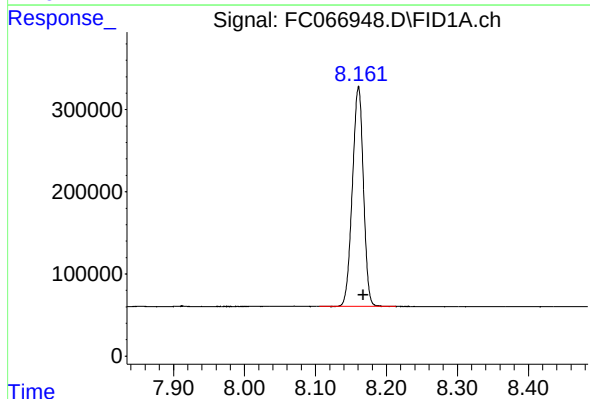
R.T.: 6.366 min
Delta R.T.: -0.006 min
Response: 2960277
Conc: 19.75 ug/ml



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

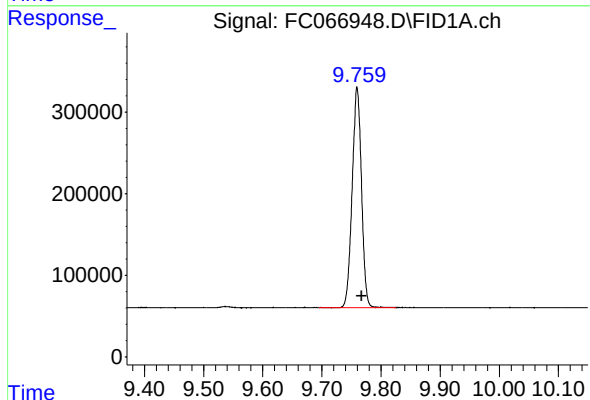
R.T.: 6.984 min
Delta R.T.: -0.007 min
Response: 2998547
Conc: 19.56 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



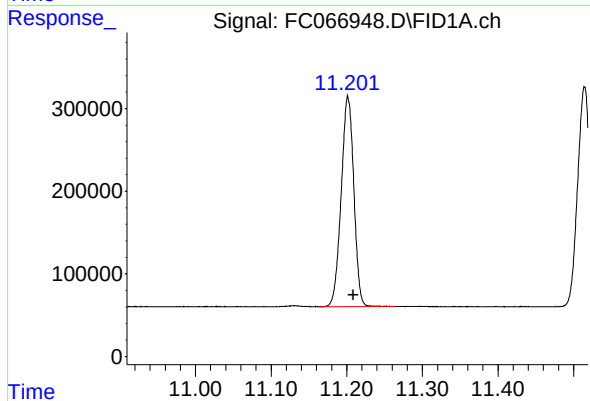
#6 n-Tetradecane (C14)

R.T.: 8.161 min
Delta R.T.: -0.007 min
Response: 2890057
Conc: 19.75 ug/ml



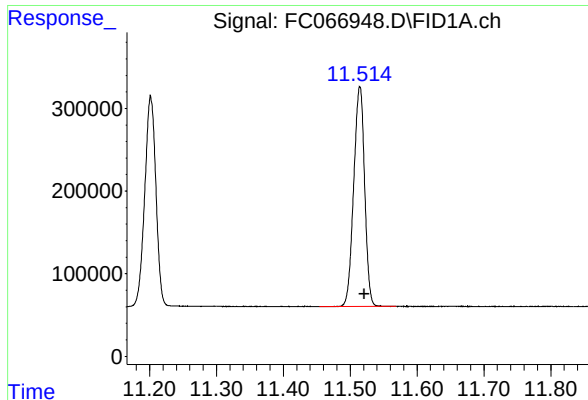
#7 n-Hexadecane (C16)

R.T.: 9.760 min
Delta R.T.: -0.008 min
Response: 2958024
Conc: 19.76 ug/ml



#8 n-Octadecane (C18)

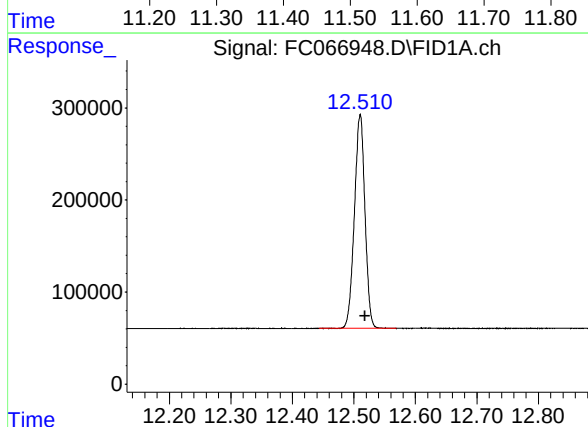
R.T.: 11.202 min
Delta R.T.: -0.007 min
Response: 2952949
Conc: 19.90 ug/ml



#9 ortho-Terphenyl (SURR)

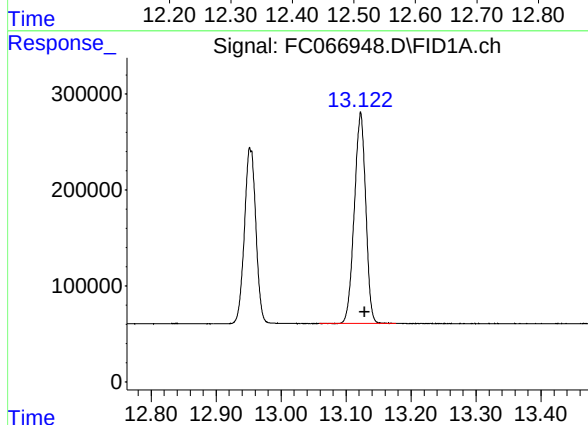
R.T.: 11.514 min
Delta R.T.: -0.007 min
Response: 3019183
Conc: 19.61 ug/ml

Instrument :
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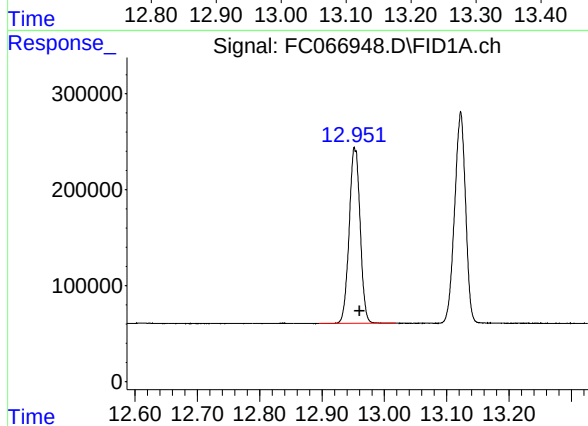
#10 n-Eicosane (C20)

R.T.: 12.510 min
Delta R.T.: -0.008 min
Response: 2767524
Conc: 19.86 ug/ml



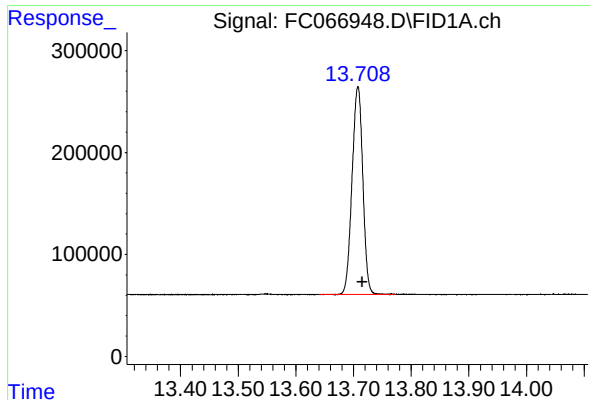
#11 n-Heneicosane (C21)

R.T.: 13.122 min
Delta R.T.: -0.006 min
Response: 2686455
Conc: 19.72 ug/ml



#12 1-chlorooctadecane (SURR)

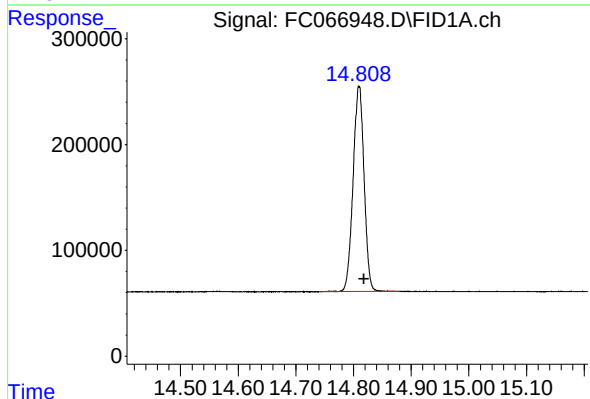
R.T.: 12.953 min
Delta R.T.: -0.008 min
Response: 2237260
Conc: 20.01 ug/ml



#13 n-Docosane (C22)

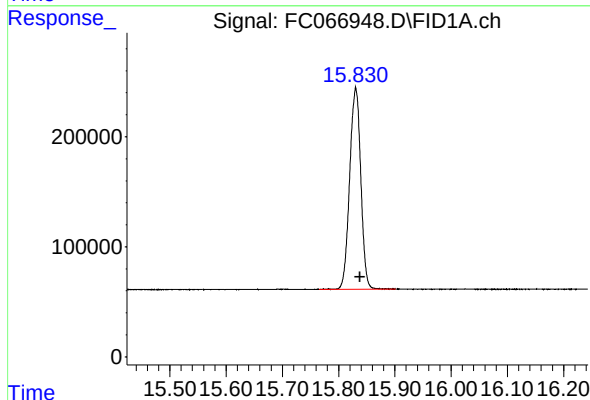
R.T.: 13.708 min
Delta R.T.: -0.008 min
Response: 2643192
Conc: 19.68 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



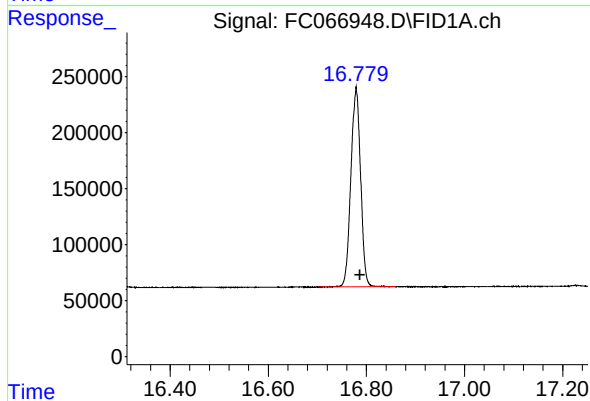
#14 n-Tetracosane (C24)

R.T.: 14.810 min
Delta R.T.: -0.008 min
Response: 2577970
Conc: 19.38 ug/ml



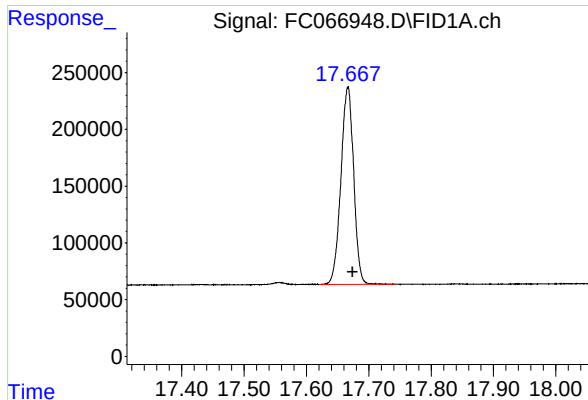
#15 n-Hexacosane (C26)

R.T.: 15.830 min
Delta R.T.: -0.008 min
Response: 2510705
Conc: 19.30 ug/ml



#16 n-Octacosane (C28)

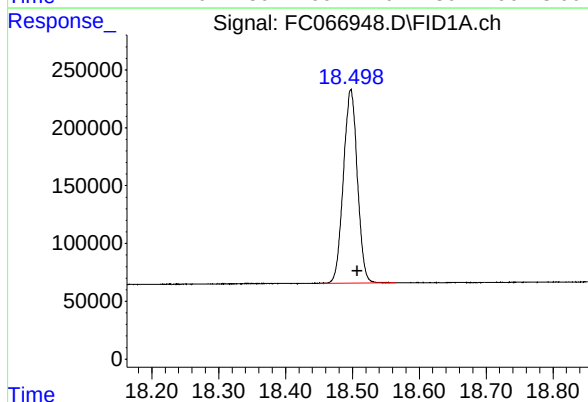
R.T.: 16.779 min
Delta R.T.: -0.008 min
Response: 2454116
Conc: 19.45 ug/ml



#17 n-Tricontane (C30)

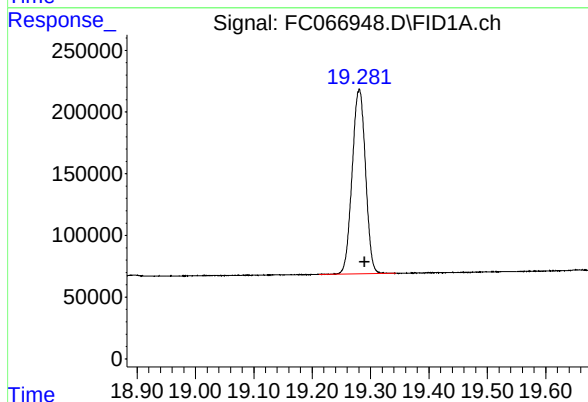
R.T.: 17.666 min
Delta R.T.: -0.008 min
Response: 2476665
Conc: 19.26 ug/ml

Instrument :
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ClientSampleId :
20 PPM ALIPHATIC HC STD



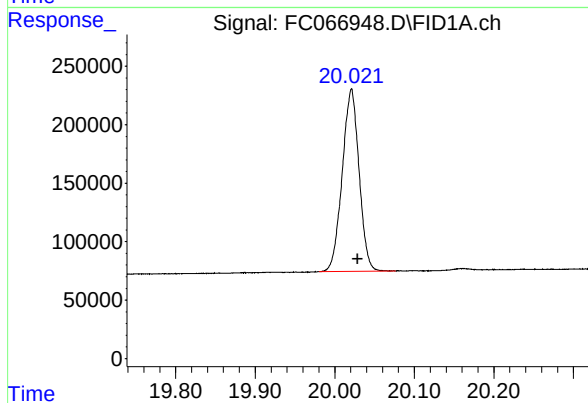
#18 n-Dotriacontane (C32)

R.T.: 18.498 min
Delta R.T.: -0.010 min
Response: 2433505
Conc: 19.33 ug/ml



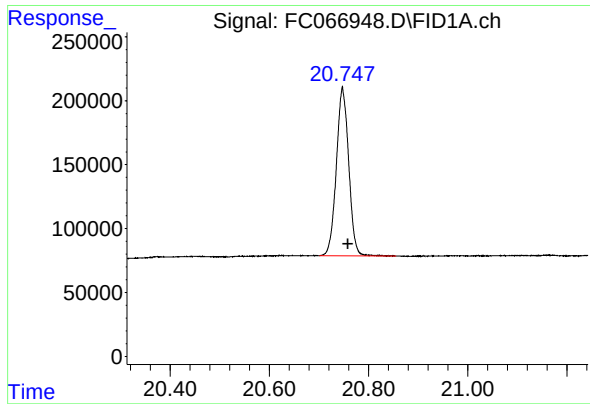
#19 n-Tetatriacontane (C34)

R.T.: 19.280 min
Delta R.T.: -0.009 min
Response: 2376151
Conc: 19.21 ug/ml



#20 n-Hexatriacontane (C36)

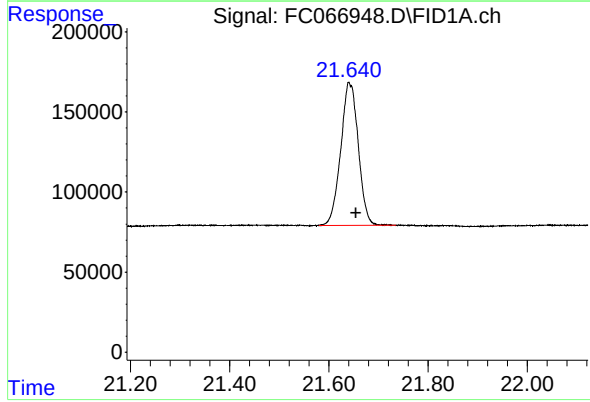
R.T.: 20.021 min
Delta R.T.: -0.008 min
Response: 2291015
Conc: 19.69 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.747 min
Delta R.T.: -0.011 min
Response: 2272466
Conc: 20.45 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.641 min
Delta R.T.: -0.013 min
Response: 2190600
Conc: 20.15 ug/ml