

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC022725AL\
 Data File : FC068318.D
 Signal(s) : FID1A.ch
 Acq On : 27 Feb 2025 17:45
 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: Mar 05 04:45:18 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 021125.M
 Quant Title : GC Extractables
 QLast Update : Wed Mar 05 03:08:52 2025
 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)	11.397	2998310	19.540 ug/ml
Spiked Amount 50.000		Recovery =	39.08%
12) S 1-chlorooctadecane (S...	12.839	2199645	19.557 ug/ml
Spiked Amount 50.000		Recovery =	39.11%
Target Compounds			
1) T n-Nonane (C9)	3.204	2799079	19.897 ug/ml
2) T n-Decane (C10)	4.261	2837196	20.027 ug/ml
3) T A~Naphthalene (C11.7)	5.828	3054629	19.960 ug/ml
4) T n-Dodecane (C12)	6.270	2800009	19.892 ug/ml
5) T A~2-methylnaphthalene...	6.880	2884281	19.915 ug/ml
6) T n-Tetradecane (C14)	8.058	2698892	19.795 ug/ml
7) T n-Hexadecane (C16)	9.654	2718508	19.848 ug/ml
8) T n-Octadecane (C18)	11.092	2713358	19.841 ug/ml
10) T n-Eicosane (C20)	12.399	2584016	19.833 ug/ml
11) T n-Heneicosane (C21)	13.009	2537443	19.847 ug/ml
13) T n-Docosane (C22)	13.594	2507247	19.894 ug/ml
14) T n-Tetracosane (C24)	14.695	2490334	20.022 ug/ml
15) T n-Hexacosane (C26)	15.713	2448205	20.134 ug/ml
16) T n-Octacosane (C28)	16.663	2420737	20.382 ug/ml
17) T n-Tricontane (C30)	17.549	2520575	20.941 ug/ml
18) T n-Dotriacontane (C32)	18.380	2479162	21.360 ug/ml
19) T n-Tetratriacontane (C34)	19.163	2226154	20.601 ug/ml
20) T n-Hexatriacontane (C36)	19.902	1928913	20.058 ug/ml
21) T n-Octatriacontane (C38)	20.615	1817481	20.217 ug/ml
22) T n-Tetracontane (C40)	21.469	1724247	19.929 ug/ml

(f)=RT Delta > 1/2 Window

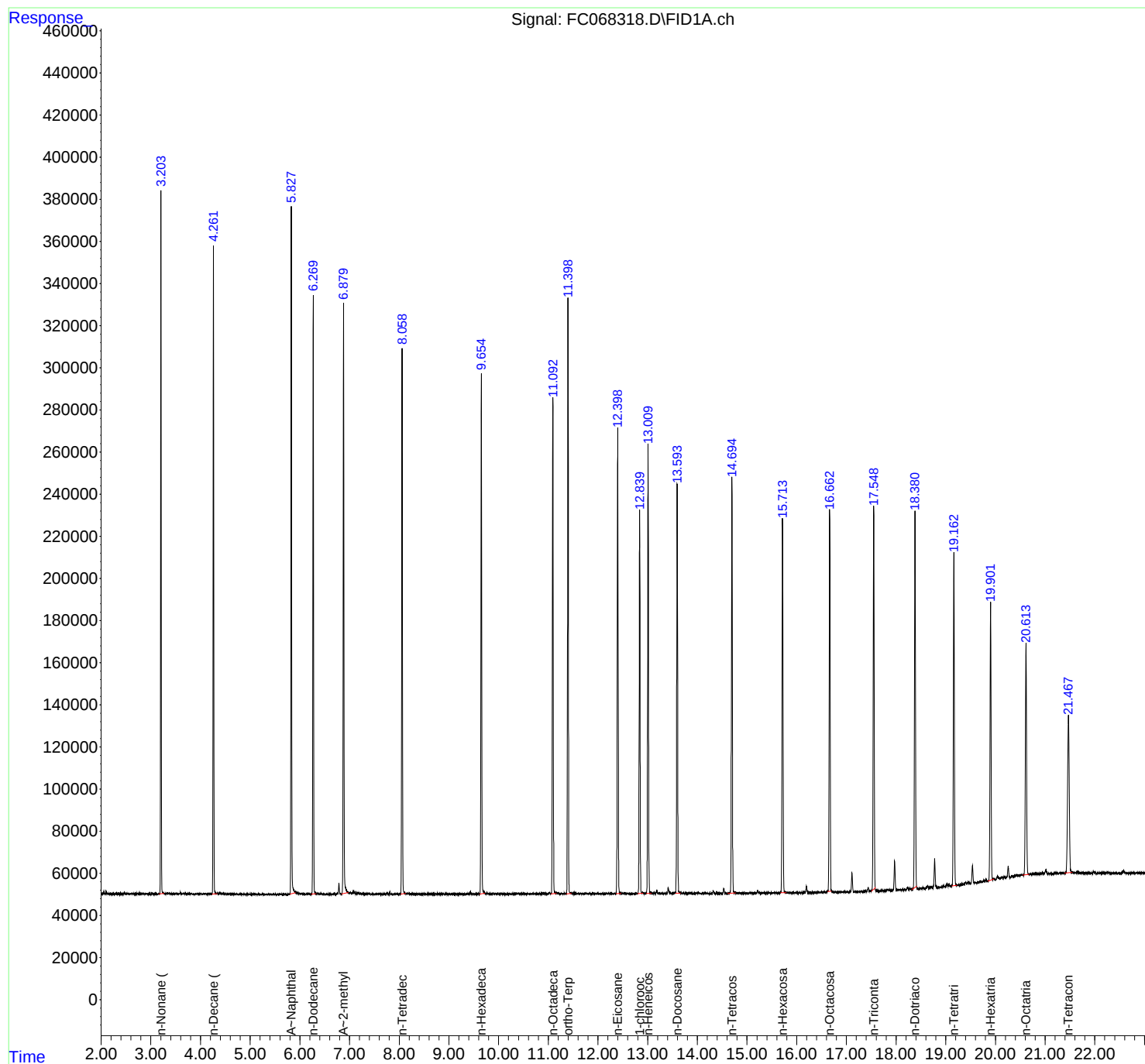
(m)=manual int.

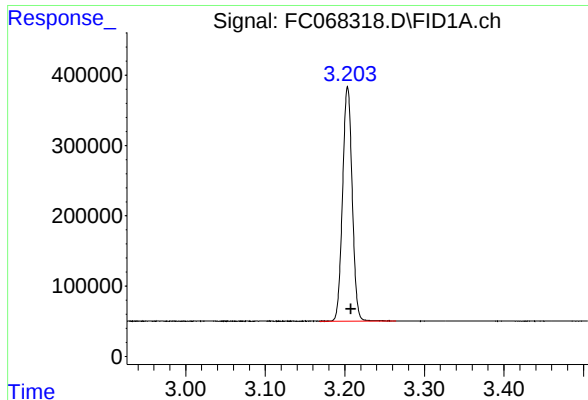
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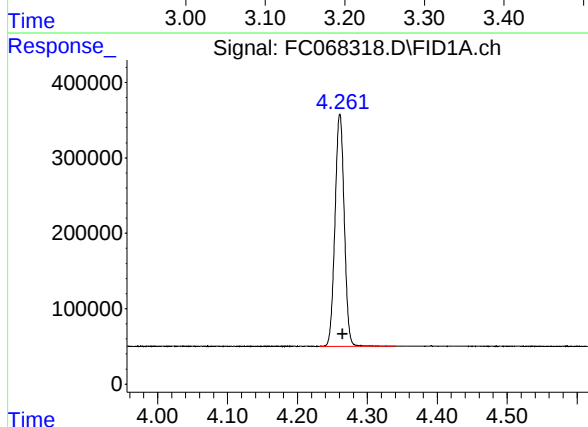




#1 n-Nonane (C9)

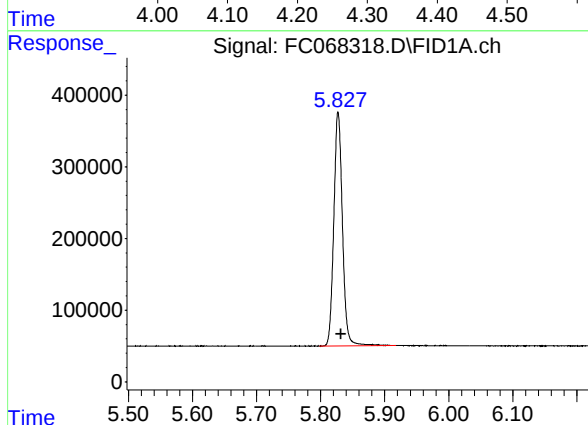
R.T.: 3.204 min
Delta R.T.: -0.004 min
Response: 2799079
Conc: 19.90 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



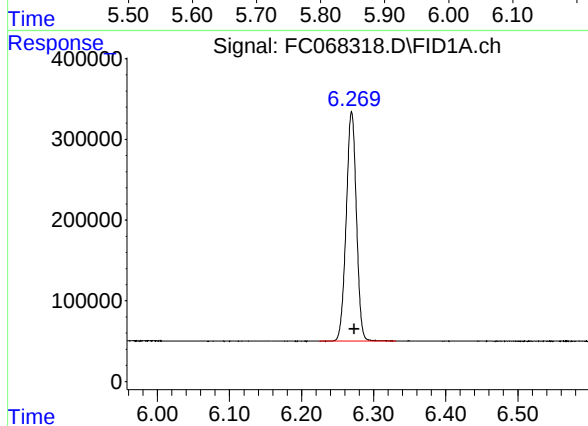
#2 n-Decane (C10)

R.T.: 4.261 min
Delta R.T.: -0.004 min
Response: 2837196
Conc: 20.03 ug/ml



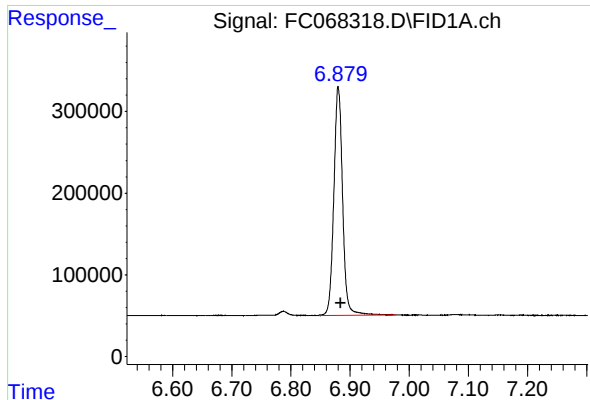
#3 n-Undecane (C11.7)

R.T.: 5.828 min
Delta R.T.: -0.004 min
Response: 3054629
Conc: 19.96 ug/ml



#4 n-Dodecane (C12)

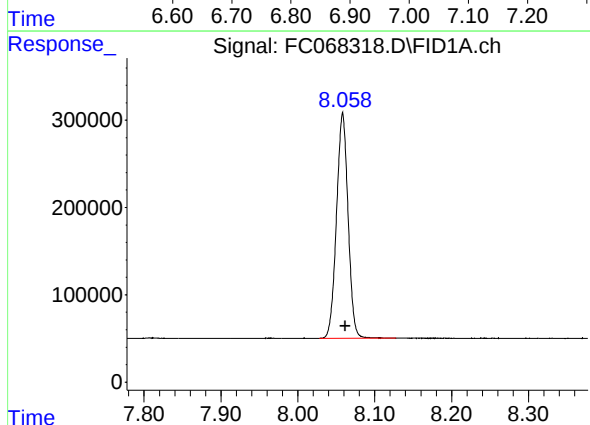
R.T.: 6.270 min
Delta R.T.: -0.004 min
Response: 2800009
Conc: 19.89 ug/ml



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

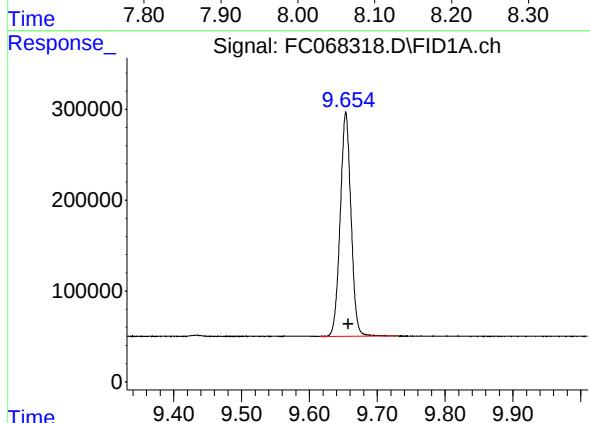
R.T.: 6.880 min
Delta R.T.: -0.004 min
Response: 2884281
Conc: 19.92 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



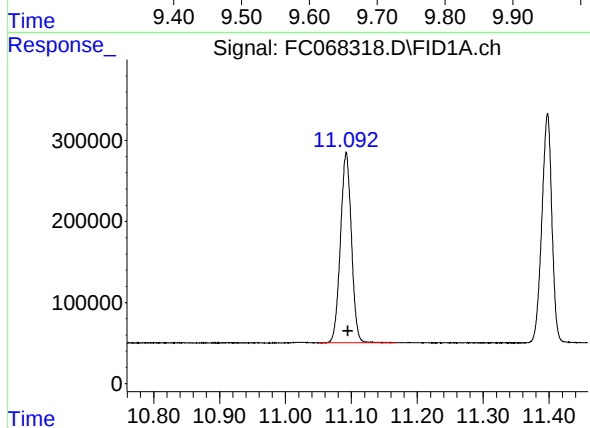
#6 n-Tetradecane (C14)

R.T.: 8.058 min
Delta R.T.: -0.003 min
Response: 2698892
Conc: 19.79 ug/ml



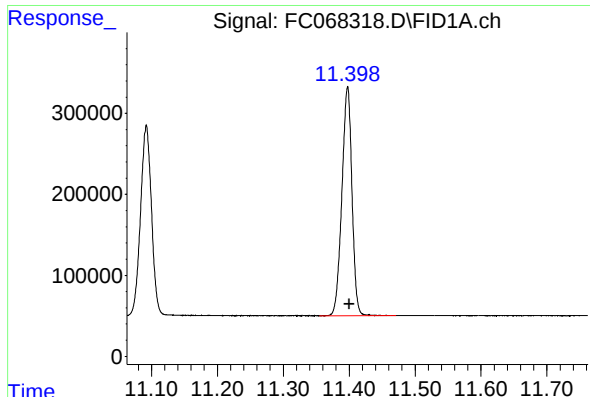
#7 n-Hexadecane (C16)

R.T.: 9.654 min
Delta R.T.: -0.004 min
Response: 2718508
Conc: 19.85 ug/ml



#8 n-Octadecane (C18)

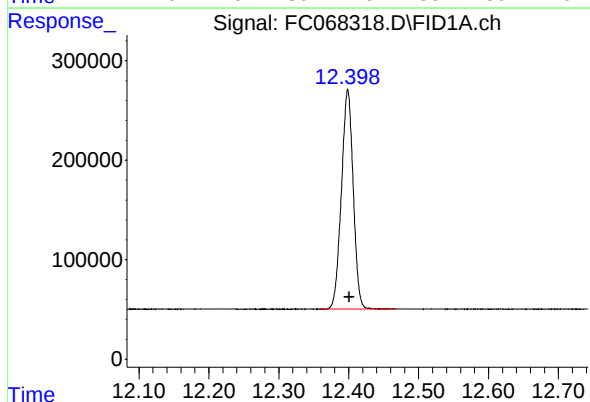
R.T.: 11.092 min
Delta R.T.: -0.002 min
Response: 2713358
Conc: 19.84 ug/ml



#9 ortho-Terphenyl (SURR)

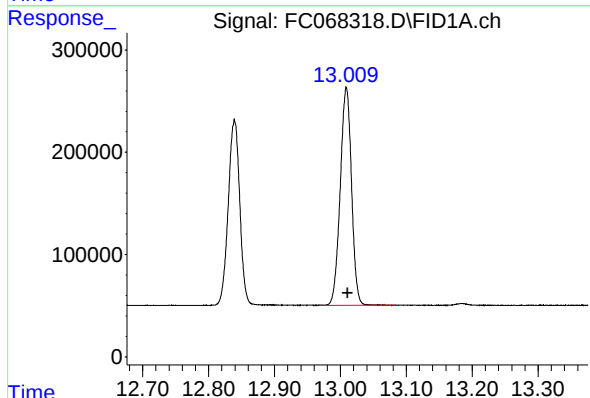
R.T.: 11.397 min
Delta R.T.: -0.002 min
Response: 2998310
Conc: 19.54 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



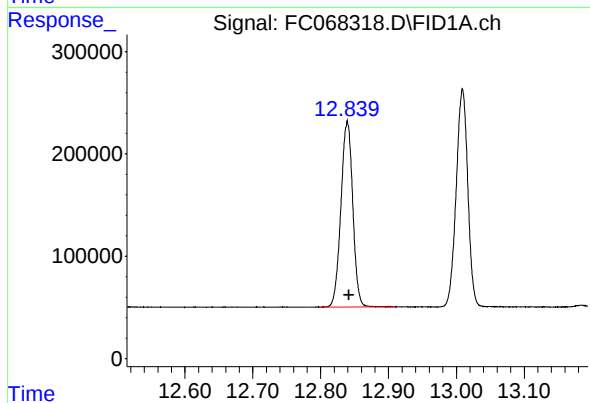
#10 n-Eicosane (C20)

R.T.: 12.399 min
Delta R.T.: -0.002 min
Response: 2584016
Conc: 19.83 ug/ml



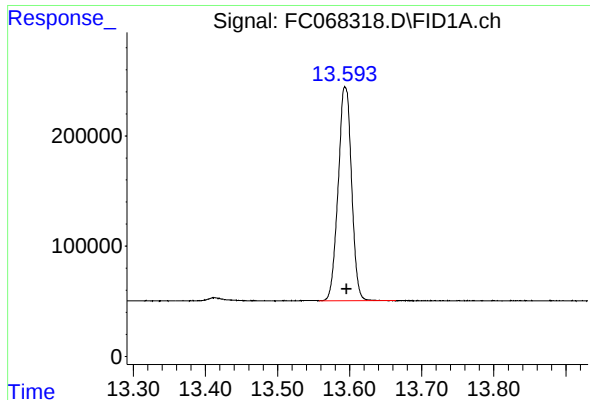
#11 n-Heneicosane (C21)

R.T.: 13.009 min
Delta R.T.: -0.002 min
Response: 2537443
Conc: 19.85 ug/ml



#12 1-chlorooctadecane (SURR)

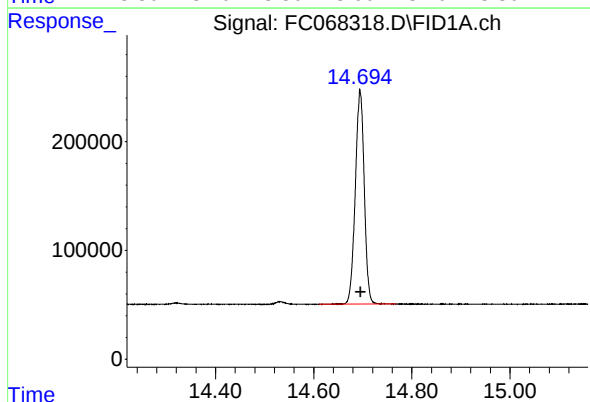
R.T.: 12.839 min
Delta R.T.: -0.002 min
Response: 2199645
Conc: 19.56 ug/ml



#13 n-Docosane (C22)

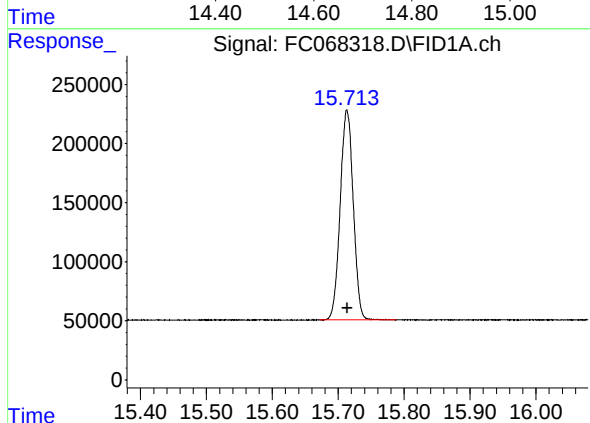
R.T.: 13.594 min
Delta R.T.: -0.002 min
Response: 2507247
Conc: 19.89 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



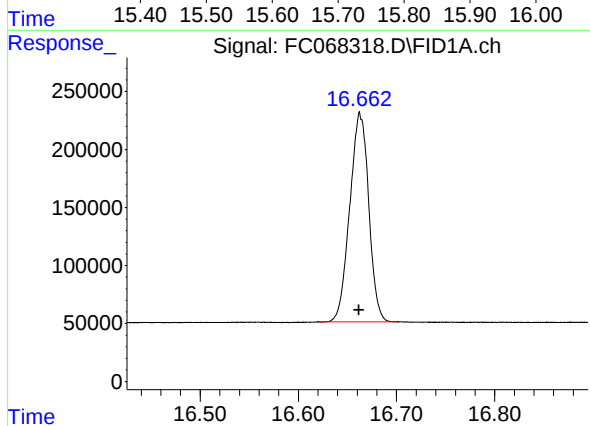
#14 n-Tetracosane (C24)

R.T.: 14.695 min
Delta R.T.: -0.001 min
Response: 2490334
Conc: 20.02 ug/ml



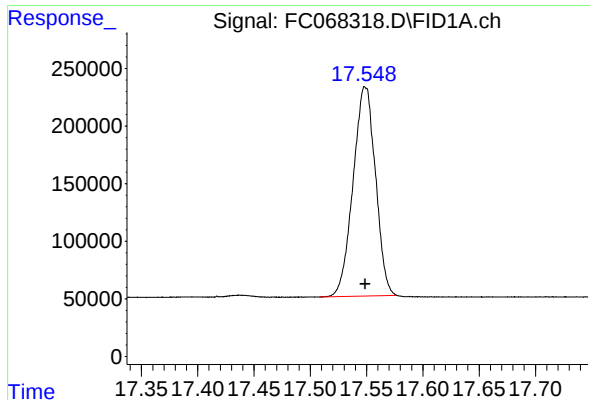
#15 n-Hexacosane (C26)

R.T.: 15.713 min
Delta R.T.: 0.000 min
Response: 2448205
Conc: 20.13 ug/ml



#16 n-Octacosane (C28)

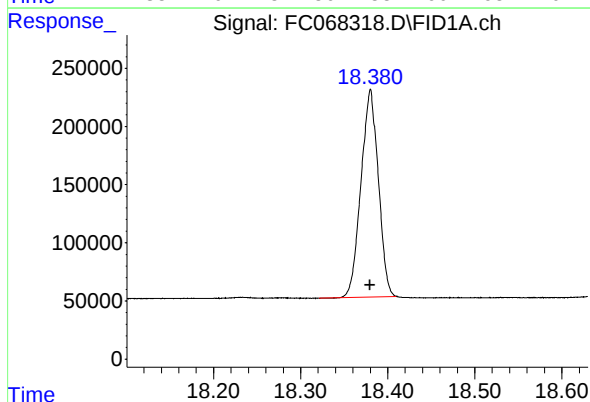
R.T.: 16.663 min
Delta R.T.: 0.000 min
Response: 2420737
Conc: 20.38 ug/ml



#17 n-Tricontane (C30)

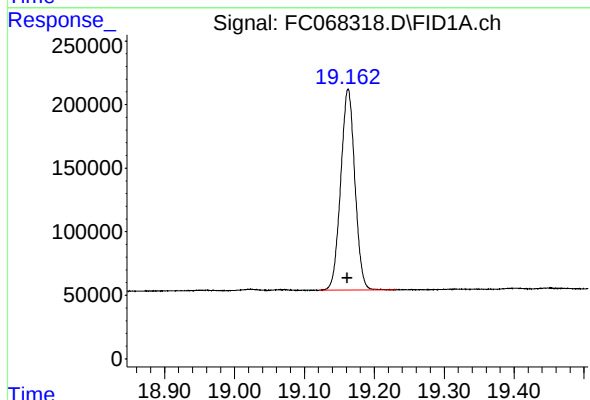
R.T.: 17.549 min
Delta R.T.: 0.000 min
Response: 2520575
Conc: 20.94 ug/ml

Instrument :
FID_C
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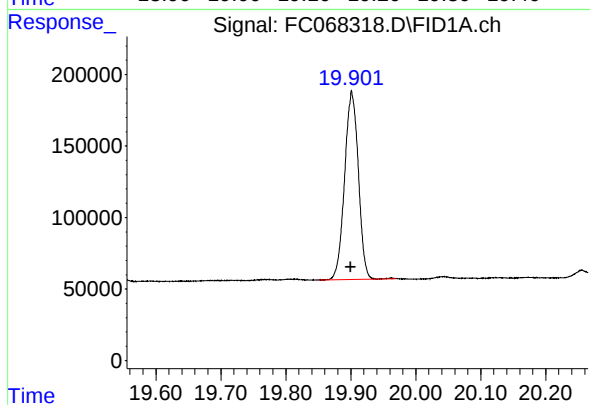
#18 n-Dotriacontane (C32)

R.T.: 18.380 min
Delta R.T.: 0.000 min
Response: 2479162
Conc: 21.36 ug/ml



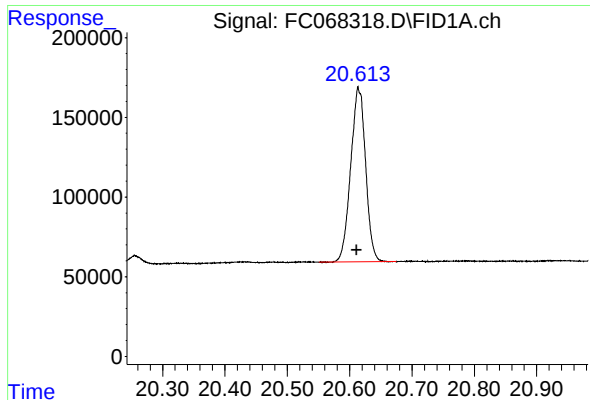
#19 n-Tetratriacontane (C34)

R.T.: 19.163 min
Delta R.T.: 0.001 min
Response: 2226154
Conc: 20.60 ug/ml



#20 n-Hexatriacontane (C36)

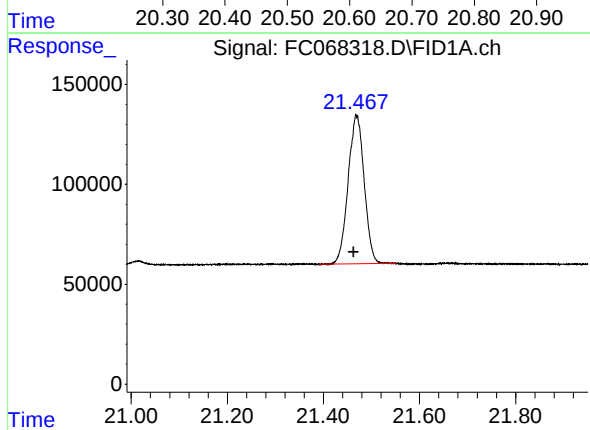
R.T.: 19.902 min
Delta R.T.: 0.001 min
Response: 1928913
Conc: 20.06 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.615 min
Delta R.T.: 0.004 min
Response: 1817481
Conc: 20.22 ug/ml

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FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 21.469 min
Delta R.T.: 0.006 min
Response: 1724247
Conc: 19.93 ug/ml