

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC052425AL\
 Data File : FC069000.D
 Signal(s) : FID1A.ch
 Acq On : 23 May 2025 15:28
 Operator : YP/AJ
 Sample : 20 PPM ALIPHATIC HC STD3
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 20 PPM ALIPHATIC HC STD3

Integration File: autoint1.e
 Quant Time: May 27 01:40:01 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 052425.M
 Quant Title : GC Extractables
 QLast Update : Tue May 27 01:38:24 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)	11.707	2543845	20.000 ug/ml
Spiked Amount 50.000		Recovery =	40.00%
12) S 1-chlorooctadecane (S...	13.139	1857531	20.000 ug/ml
Spiked Amount 50.000		Recovery =	40.00%
Target Compounds			
1) T n-Nonane (C9)	3.441	2191591	20.000 ug/ml
2) T n-Decane (C10)	4.516	2185781	20.000 ug/ml
3) T A~Naphthalene (C11.7)	6.112	2392521	20.000 ug/ml
4) T n-Dodecane (C12)	6.540	2175208	20.000 ug/ml
5) T A~2-methylnaphthalene...	7.170	2352374	20.000 ug/ml
6) T n-Tetradecane (C14)	8.337	2126214	20.000 ug/ml
7) T n-Hexadecane (C16)	9.940	2107082	20.000 ug/ml
8) T n-Octadecane (C18)	11.383	2077430	20.000 ug/ml
10) T n-Eicosane (C20)	12.694	2020235	20.000 ug/ml
11) T n-Heneicosane (C21)	13.307	1993478	20.000 ug/ml
13) T n-Docosane (C22)	13.893	1973697	20.000 ug/ml
14) T n-Tetracosane (C24)	14.997	1948364	20.000 ug/ml
15) T n-Hexacosane (C26)	16.019	1919191	20.000 ug/ml
16) T n-Octacosane (C28)	16.970	1907840	20.000 ug/ml
17) T n-Tricontane (C30)	17.858	1967833	20.000 ug/ml
18) T n-Dotriacontane (C32)	18.692	2001797	20.000 ug/ml
19) T n-Tetratriacontane (C34)	19.476	1952775	20.000 ug/ml
20) T n-Hexatriacontane (C36)	20.218	1937578	20.000 ug/ml
21) T n-Octatriacontane (C38)	20.991	1873251	20.000 ug/ml
22) T n-Tetracontane (C40)	21.965	1819548	20.000 ug/ml

(f)=RT Delta > 1/2 Window

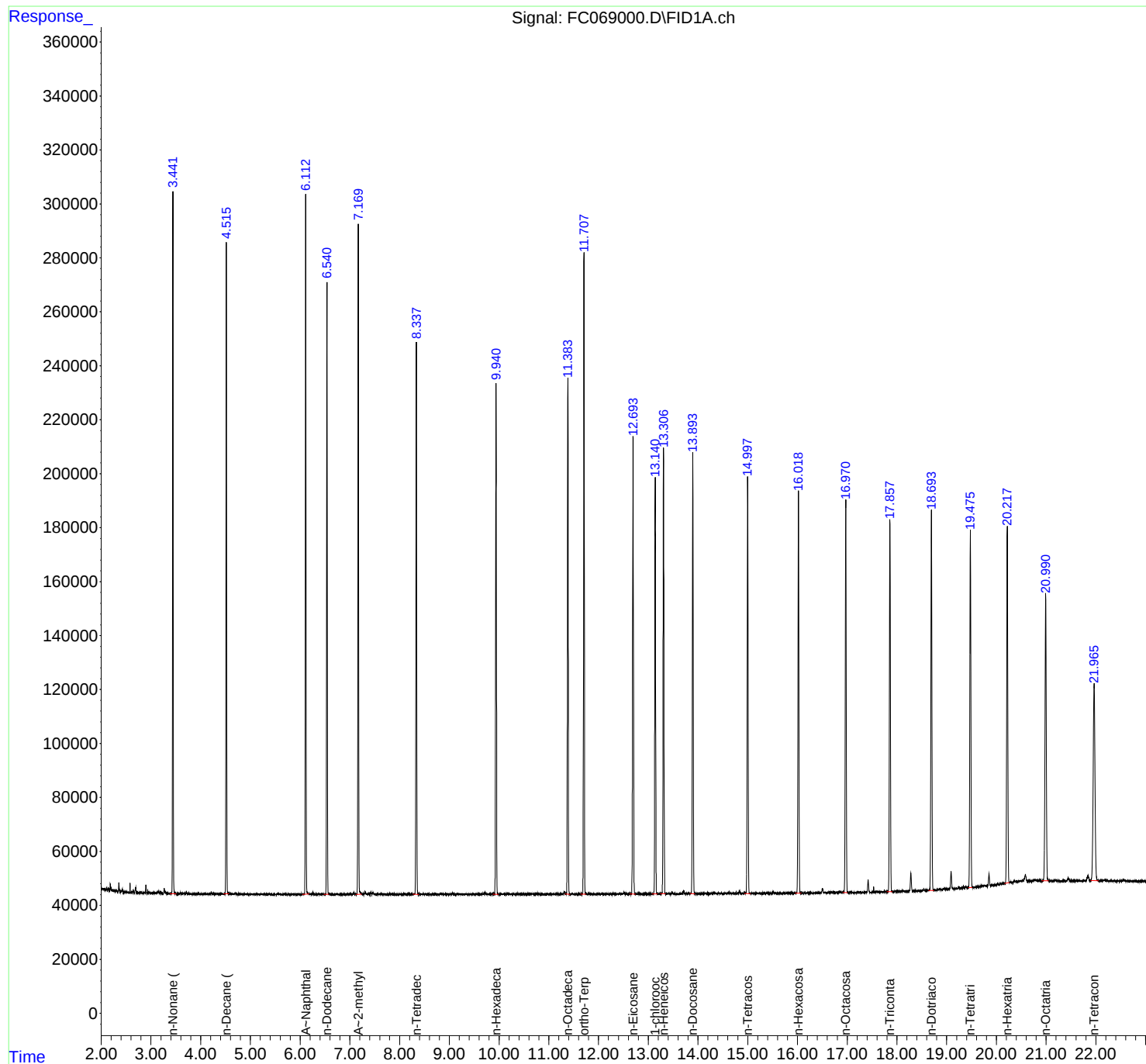
(m)=manual int.

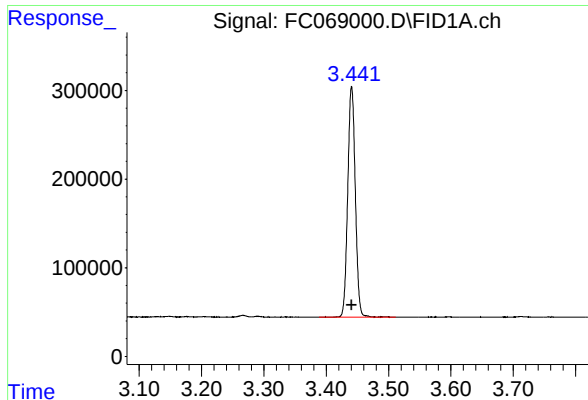
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC052425AL\
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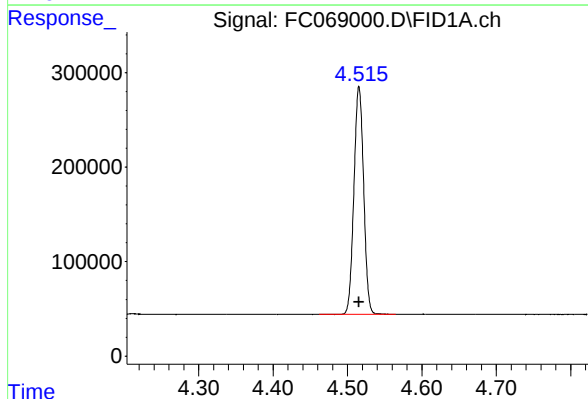




#1 n-Nonane (C9)

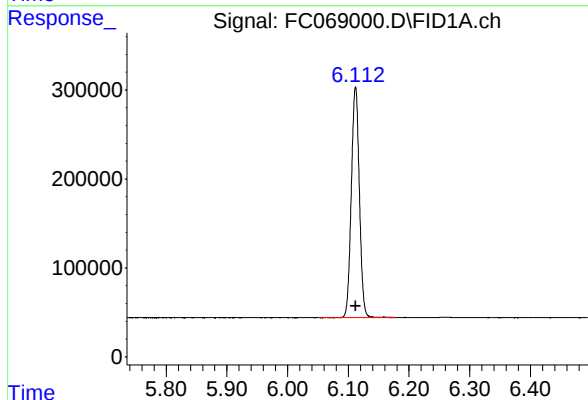
R.T.: 3.441 min
Delta R.T.: 0.000 min
Response: 2191591
Conc: 20.00 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD3



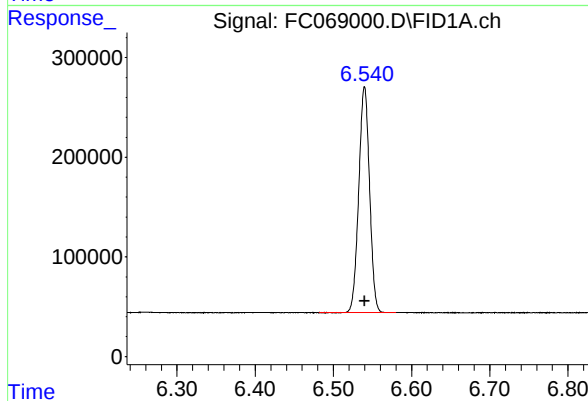
#2 n-Decane (C10)

R.T.: 4.516 min
Delta R.T.: 0.000 min
Response: 2185781
Conc: 20.00 ug/ml



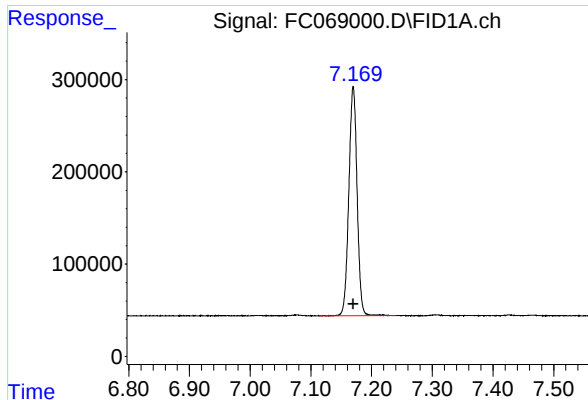
#3 A~Naphthalene (C11.7)

R.T.: 6.112 min
Delta R.T.: 0.000 min
Response: 2392521
Conc: 20.00 ug/ml



#4 n-Dodecane (C12)

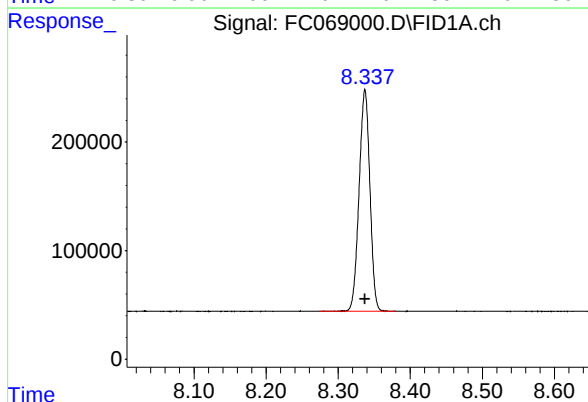
R.T.: 6.540 min
Delta R.T.: 0.000 min
Response: 2175208
Conc: 20.00 ug/ml



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

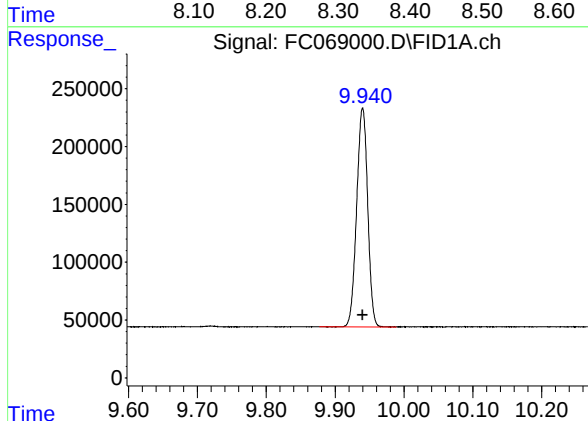
R.T.: 7.170 min
Delta R.T.: 0.000 min
Response: 2352374
Conc: 20.00 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD3



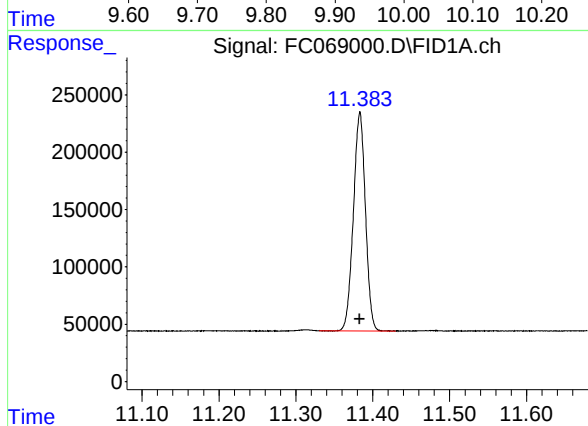
#6 n-Tetradecane (C14)

R.T.: 8.337 min
Delta R.T.: 0.000 min
Response: 2126214
Conc: 20.00 ug/ml



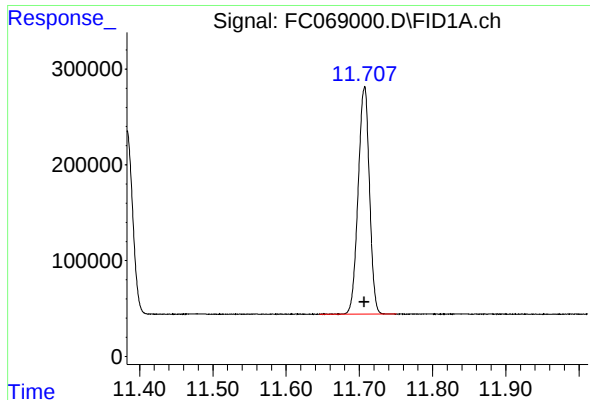
#7 n-Hexadecane (C16)

R.T.: 9.940 min
Delta R.T.: 0.000 min
Response: 2107082
Conc: 20.00 ug/ml



#8 n-Octadecane (C18)

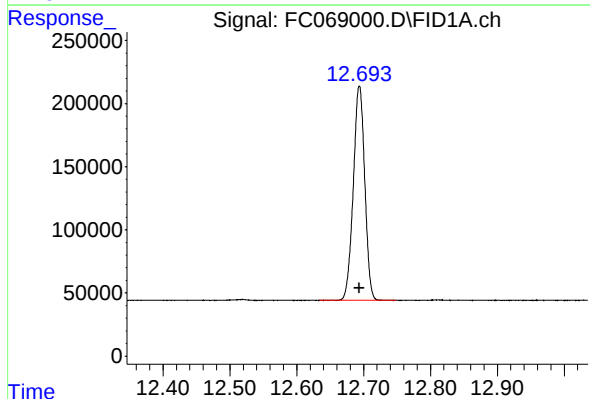
R.T.: 11.383 min
Delta R.T.: 0.000 min
Response: 2077430
Conc: 20.00 ug/ml



#9 ortho-Terphenyl (SURR)

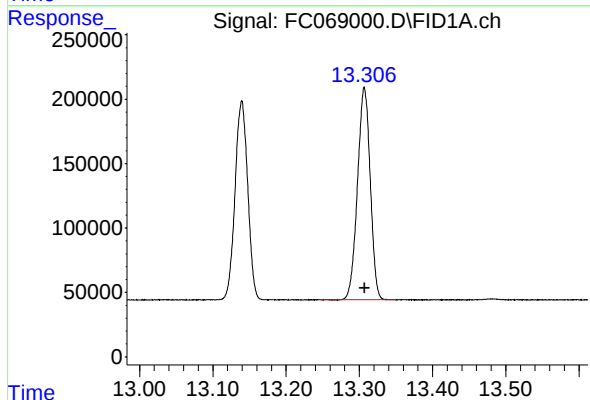
R.T.: 11.707 min
Delta R.T.: 0.000 min
Response: 2543845
Conc: 20.00 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD3



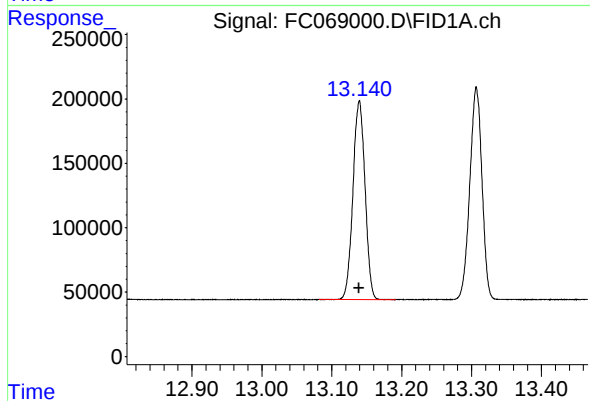
#10 n-Eicosane (C20)

R.T.: 12.694 min
Delta R.T.: 0.000 min
Response: 2020235
Conc: 20.00 ug/ml



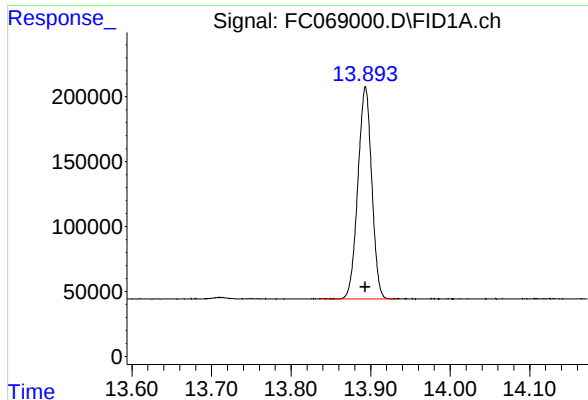
#11 n-Heneicosane (C21)

R.T.: 13.307 min
Delta R.T.: 0.000 min
Response: 1993478
Conc: 20.00 ug/ml



#12 1-chlorooctadecane (SURR)

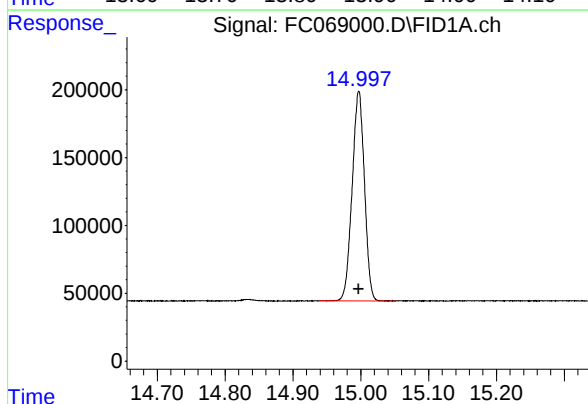
R.T.: 13.139 min
Delta R.T.: 0.000 min
Response: 1857531
Conc: 20.00 ug/ml



#13 n-Docosane (C22)

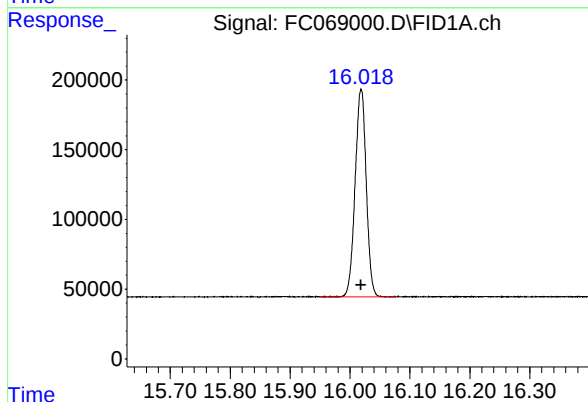
R.T.: 13.893 min
Delta R.T.: 0.000 min
Response: 1973697
Conc: 20.00 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD3



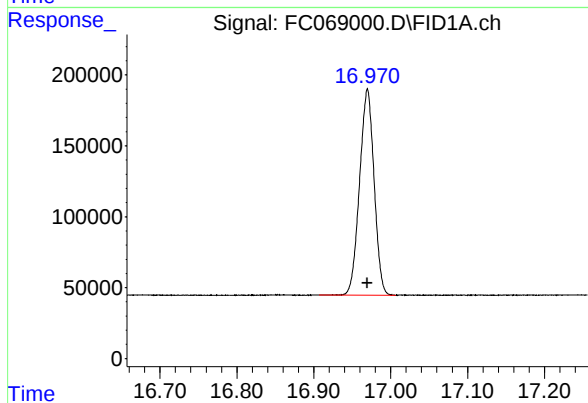
#14 n-Tetracosane (C24)

R.T.: 14.997 min
Delta R.T.: 0.000 min
Response: 1948364
Conc: 20.00 ug/ml



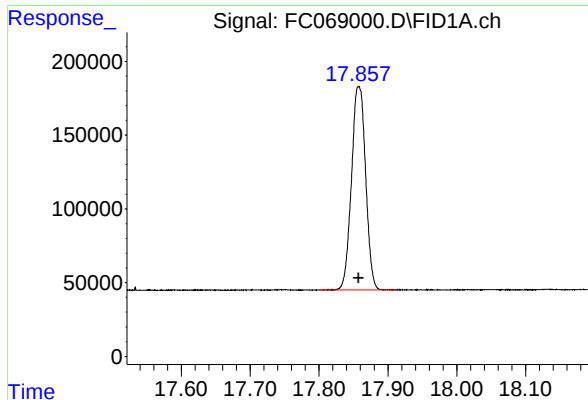
#15 n-Hexacosane (C26)

R.T.: 16.019 min
Delta R.T.: 0.000 min
Response: 1919191
Conc: 20.00 ug/ml



#16 n-Octacosane (C28)

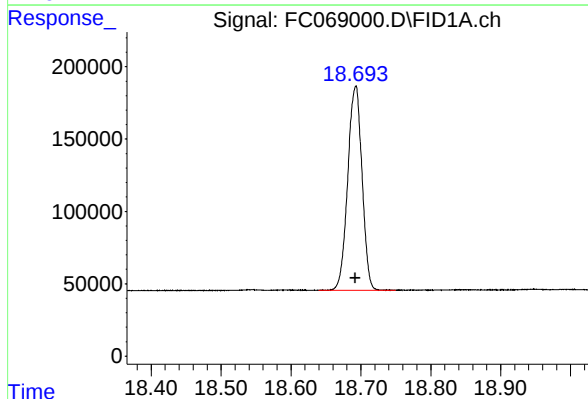
R.T.: 16.970 min
Delta R.T.: 0.000 min
Response: 1907840
Conc: 20.00 ug/ml



#17 n-Tricontane (C30)

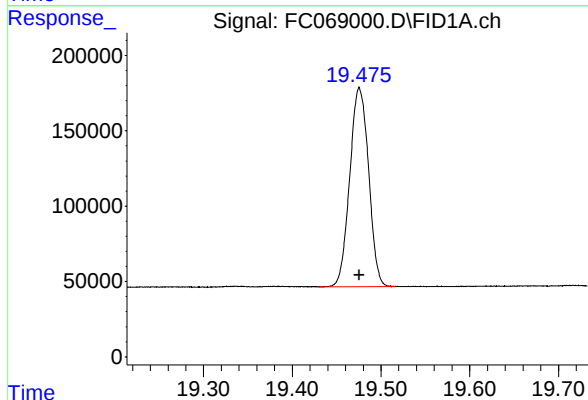
R.T.: 17.858 min
Delta R.T.: 0.000 min
Response: 1967833
Conc: 20.00 ug/ml

Instrument :
FID_C
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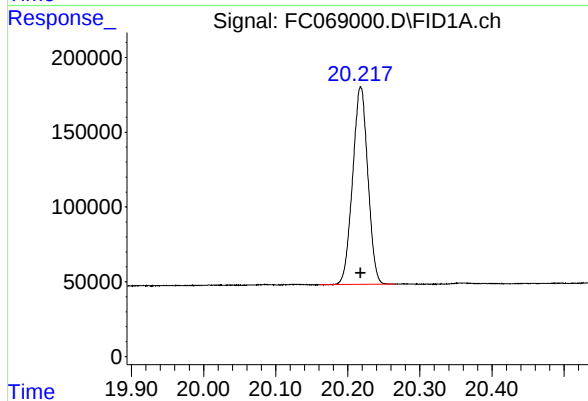
#18 n-Dotriacontane (C32)

R.T.: 18.692 min
Delta R.T.: 0.000 min
Response: 2001797
Conc: 20.00 ug/ml



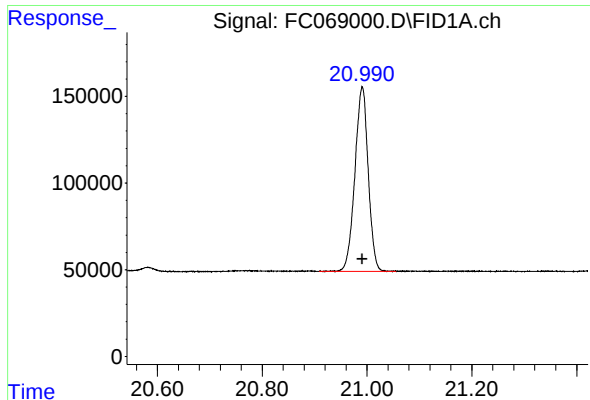
#19 n-Tetatriacontane (C34)

R.T.: 19.476 min
Delta R.T.: 0.000 min
Response: 1952775
Conc: 20.00 ug/ml



#20 n-Hexatriacontane (C36)

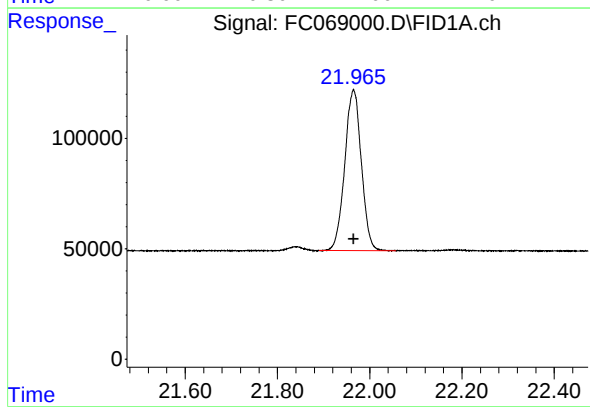
R.T.: 20.218 min
Delta R.T.: 0.000 min
Response: 1937578
Conc: 20.00 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.991 min
Delta R.T.: 0.000 min
Response: 1873251
Conc: 20.00 ug/ml

Instrument :
FID_C
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#22 n-Tetracontane (C40)

R.T.: 21.965 min
Delta R.T.: 0.000 min
Response: 1819548
Conc: 20.00 ug/ml