

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC051925AL\
 Data File : FC068924.D
 Signal(s) : FID1A.ch
 Acq On : 19 May 2025 22:36
 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: May 20 03:07:03 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 050625.M
 Quant Title : GC Extractables
 QLast Update : Wed May 07 08:52:03 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)	11.709	2035651	17.835 ug/ml
Spiked Amount 50.000		Recovery =	35.67%
12) S 1-chlorooctadecane (S...	13.141	1482648	18.481 ug/ml
Spiked Amount 50.000		Recovery =	36.96%
Target Compounds			
1) T n-Nonane (C9)	3.443	1759671	17.495 ug/ml
2) T n-Decane (C10)	4.517	1815343	18.219 ug/ml
3) T A~Naphthalene (C11.7)	6.114	1927485	17.481 ug/ml
4) T n-Dodecane (C12)	6.542	1784884	18.367 ug/ml
5) T A~2-methylnaphthalene...	7.172	1881754	17.532 ug/ml
6) T n-Tetradecane (C14)	8.339	1718338	18.592 ug/ml
7) T n-Hexadecane (C16)	9.942	1688073	18.852 ug/ml
8) T n-Octadecane (C18)	11.385	1649080	18.800 ug/ml
10) T n-Eicosane (C20)	12.695	1596683	18.736 ug/ml
11) T n-Heneicosane (C21)	13.307	1572581	18.645 ug/ml
13) T n-Docosane (C22)	13.895	1567865	18.741 ug/ml
14) T n-Tetracosane (C24)	14.997	1578808	18.974 ug/ml
15) T n-Hexacosane (C26)	16.018	1581498	19.088 ug/ml
16) T n-Octacosane (C28)	16.970	1708469	20.672 ug/ml
17) T n-Tricontane (C30)	17.858	1994702	23.575 ug/ml
18) T n-Dotriacontane (C32)	18.692	2112529	24.526 ug/ml
19) T n-Tetratriacontane (C34)	19.477	1962977	23.040 ug/ml
20) T n-Hexatriacontane (C36)	20.217	1834015	21.339 ug/ml
21) T n-Octatriacontane (C38)	20.989	1720510	20.511 ug/ml
22) T n-Tetracontane (C40)	21.966	1643450	20.053 ug/ml

(f)=RT Delta > 1/2 Window

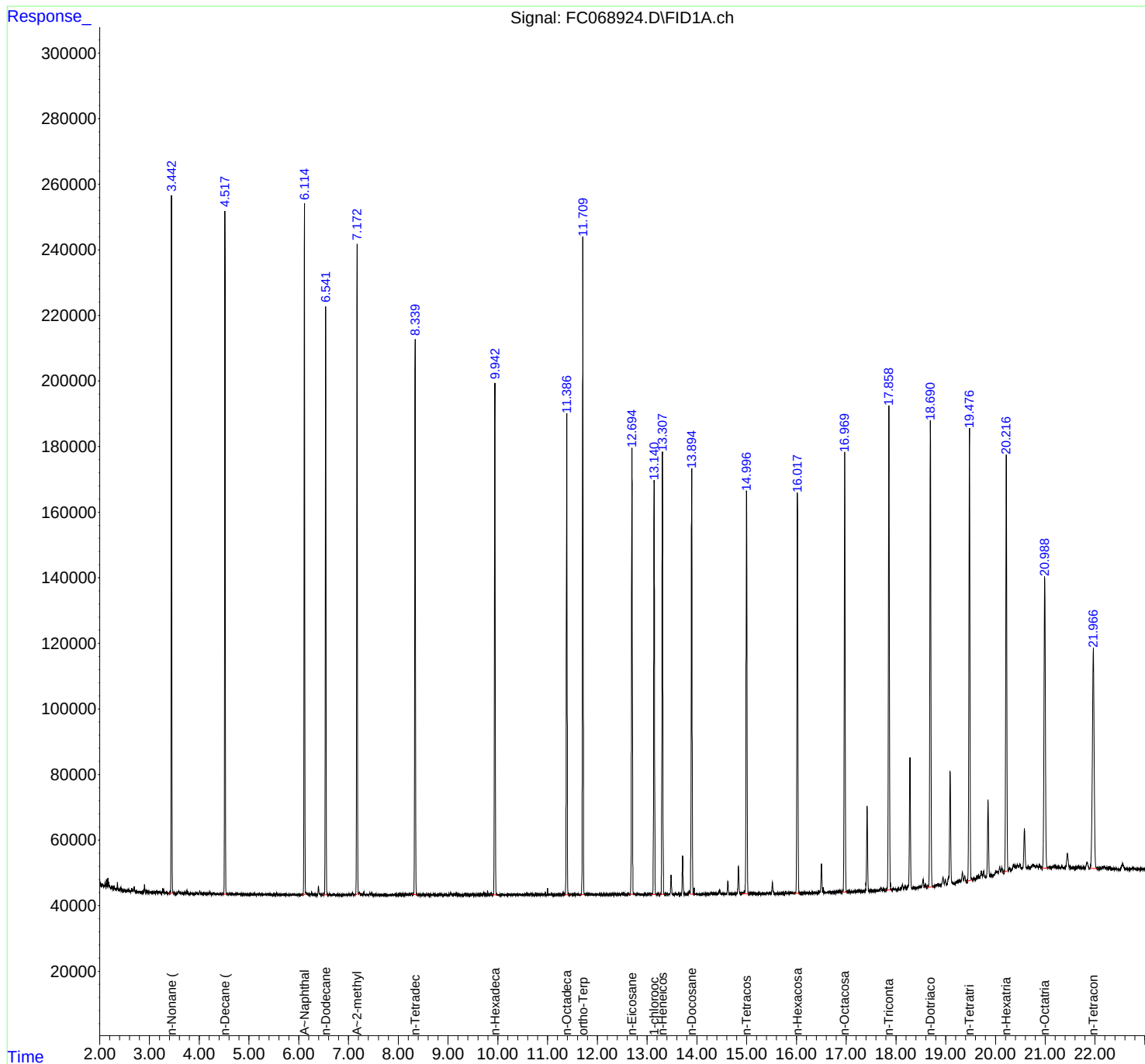
(m)=manual int.

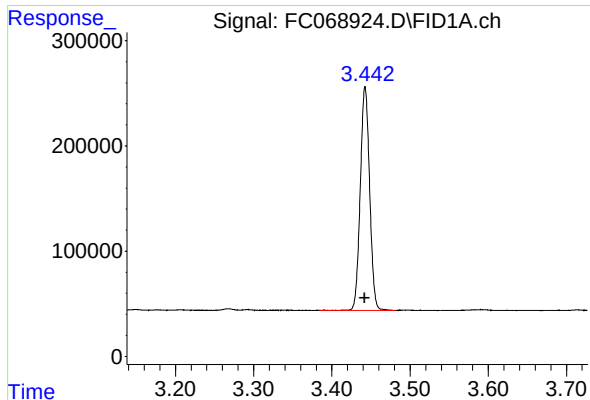
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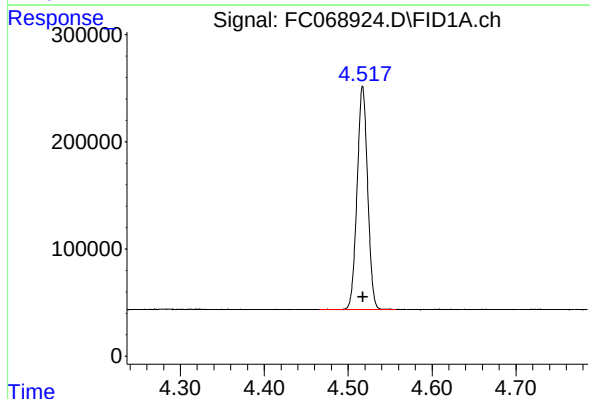




#1 n-Nonane (C9)

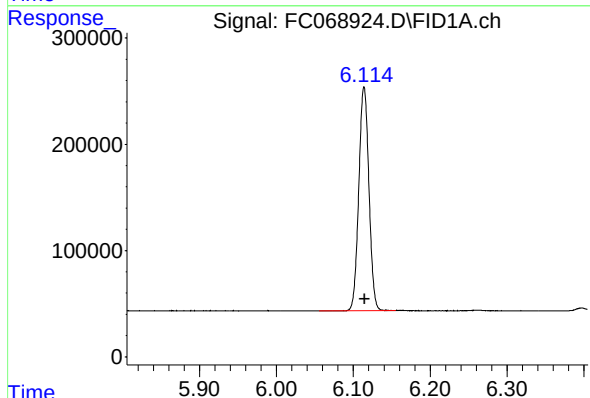
R.T.: 3.443 min
Delta R.T.: 0.000 min
Response: 1759671
Conc: 17.50 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



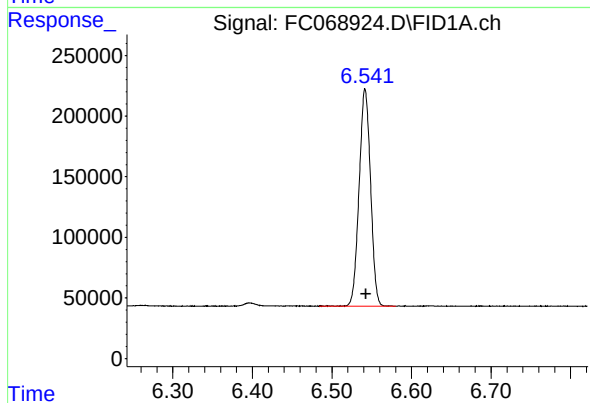
#2 n-Decane (C10)

R.T.: 4.517 min
Delta R.T.: 0.000 min
Response: 1815343
Conc: 18.22 ug/ml



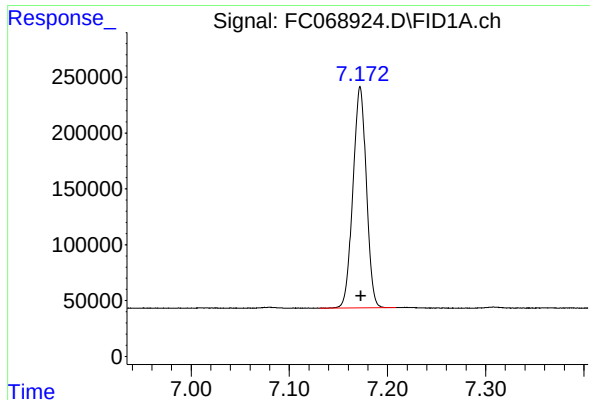
#3 A~Naphthalene (C11.7)

R.T.: 6.114 min
Delta R.T.: 0.000 min
Response: 1927485
Conc: 17.48 ug/ml



#4 n-Dodecane (C12)

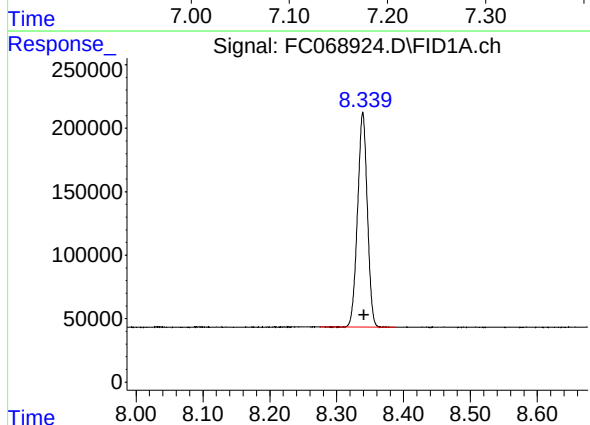
R.T.: 6.542 min
Delta R.T.: -0.001 min
Response: 1784884
Conc: 18.37 ug/ml



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

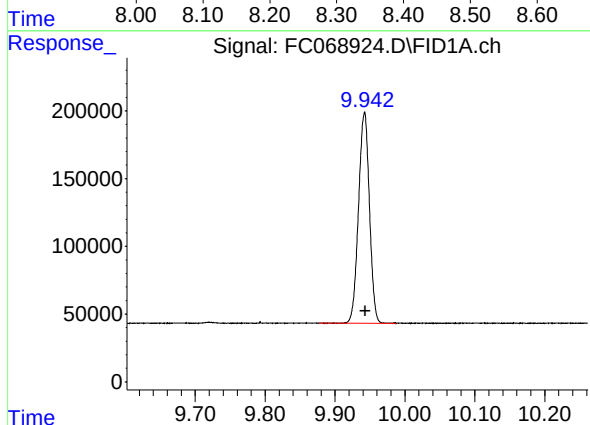
R.T.: 7.172 min
Delta R.T.: 0.000 min
Response: 1881754
Conc: 17.53 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



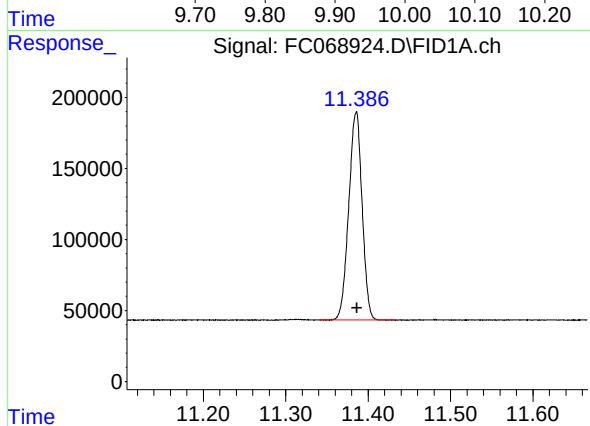
#6 n-Tetradecane (C14)

R.T.: 8.339 min
Delta R.T.: -0.002 min
Response: 1718338
Conc: 18.59 ug/ml



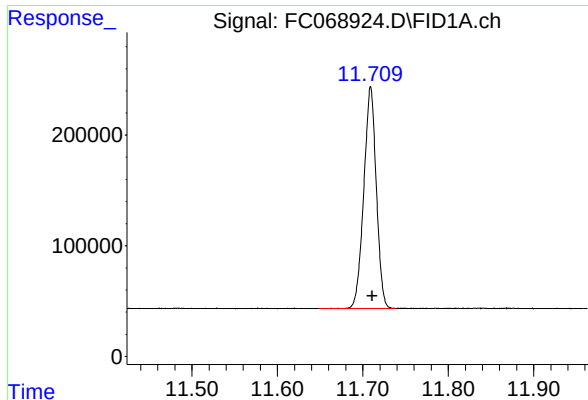
#7 n-Hexadecane (C16)

R.T.: 9.942 min
Delta R.T.: -0.002 min
Response: 1688073
Conc: 18.85 ug/ml



#8 n-Octadecane (C18)

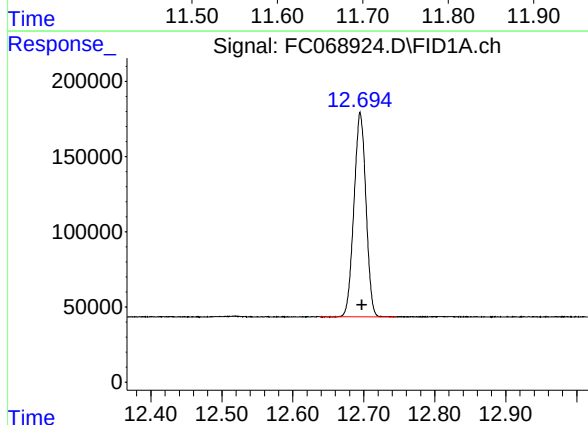
R.T.: 11.385 min
Delta R.T.: 0.000 min
Response: 1649080
Conc: 18.80 ug/ml



#9 ortho-Terphenyl (SURR)

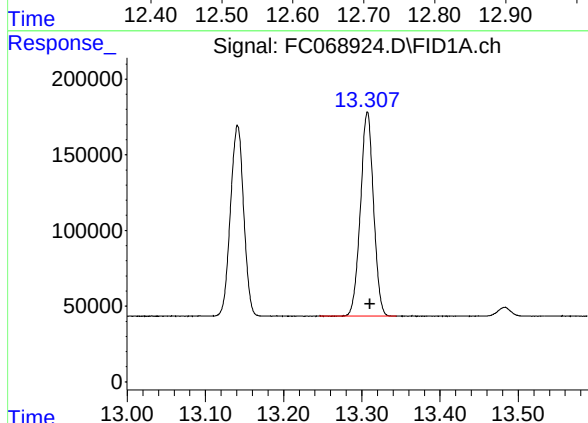
R.T.: 11.709 min
Delta R.T.: -0.002 min
Response: 2035651
Conc: 17.83 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



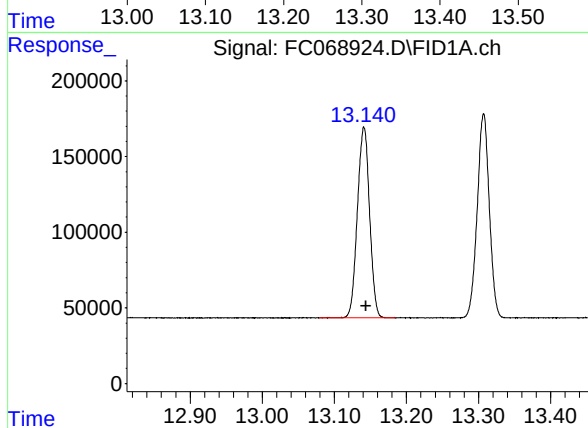
#10 n-Eicosane (C20)

R.T.: 12.695 min
Delta R.T.: -0.002 min
Response: 1596683
Conc: 18.74 ug/ml



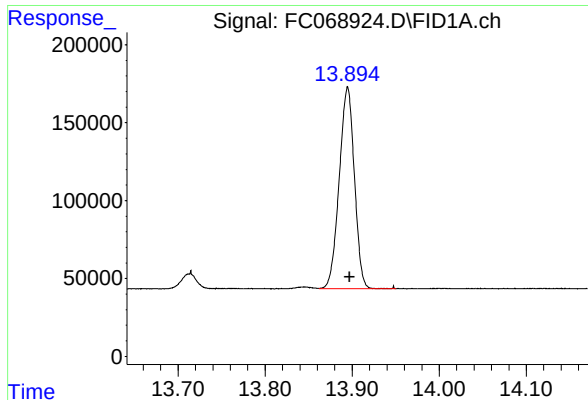
#11 n-Heneicosane (C21)

R.T.: 13.307 min
Delta R.T.: -0.003 min
Response: 1572581
Conc: 18.64 ug/ml



#12 1-chlorooctadecane (SURR)

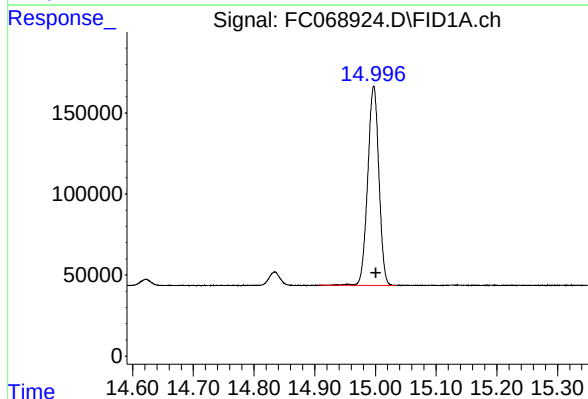
R.T.: 13.141 min
Delta R.T.: -0.003 min
Response: 1482648
Conc: 18.48 ug/ml



#13 n-Docosane (C22)

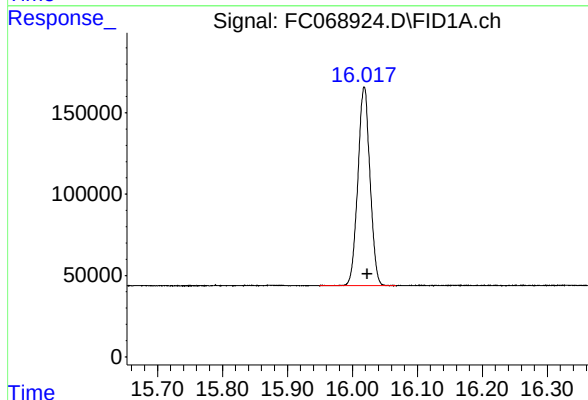
R.T.: 13.895 min
Delta R.T.: -0.002 min
Response: 1567865
Conc: 18.74 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



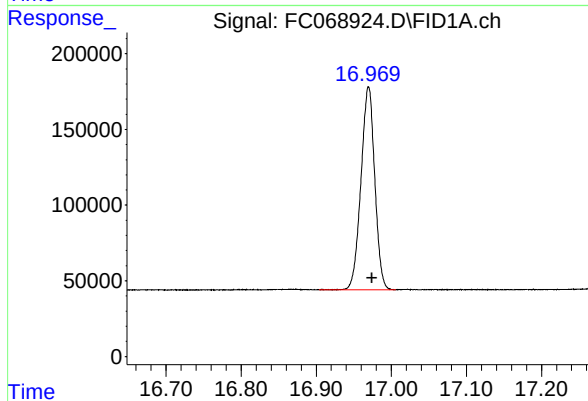
#14 n-Tetracosane (C24)

R.T.: 14.997 min
Delta R.T.: -0.004 min
Response: 1578808
Conc: 18.97 ug/ml



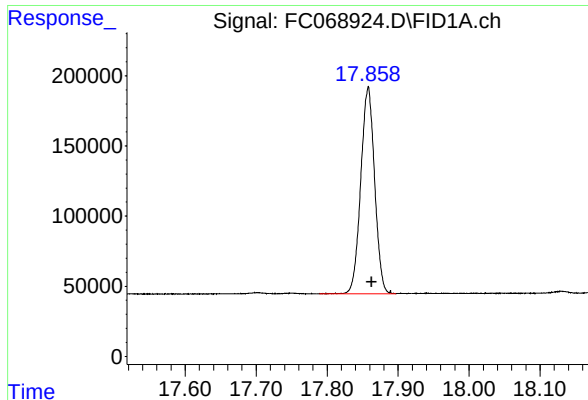
#15 n-Hexacosane (C26)

R.T.: 16.018 min
Delta R.T.: -0.005 min
Response: 1581498
Conc: 19.09 ug/ml



#16 n-Octacosane (C28)

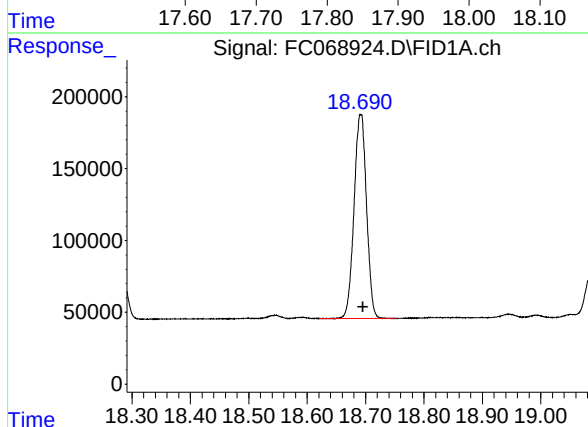
R.T.: 16.970 min
Delta R.T.: -0.005 min
Response: 1708469
Conc: 20.67 ug/ml



#17 n-Tricontane (C30)

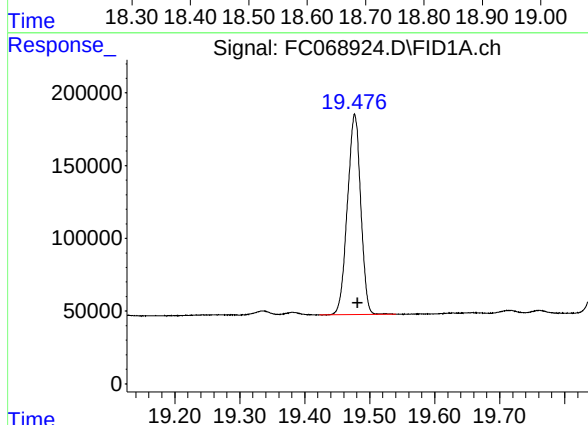
R.T.: 17.858 min
Delta R.T.: -0.005 min
Response: 1994702
Conc: 23.57 ug/ml

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20 PPM ALIPHATIC HC STD



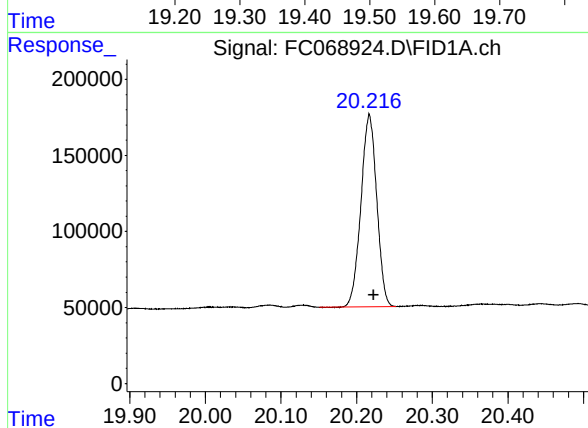
#18 n-Dotriacontane (C32)

R.T.: 18.692 min
Delta R.T.: -0.004 min
Response: 2112529
Conc: 24.53 ug/ml



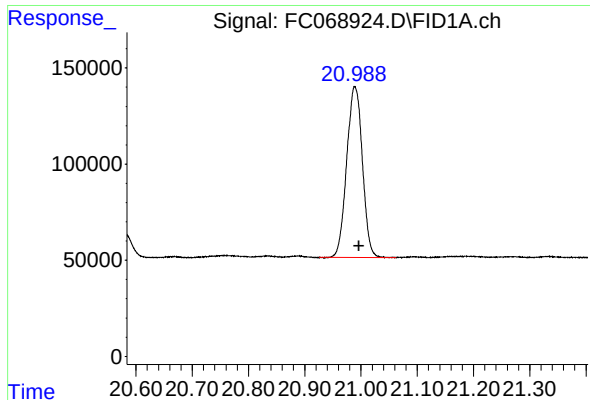
#19 n-Tetratriacontane (C34)

R.T.: 19.477 min
Delta R.T.: -0.005 min
Response: 1962977
Conc: 23.04 ug/ml



#20 n-Hexatriacontane (C36)

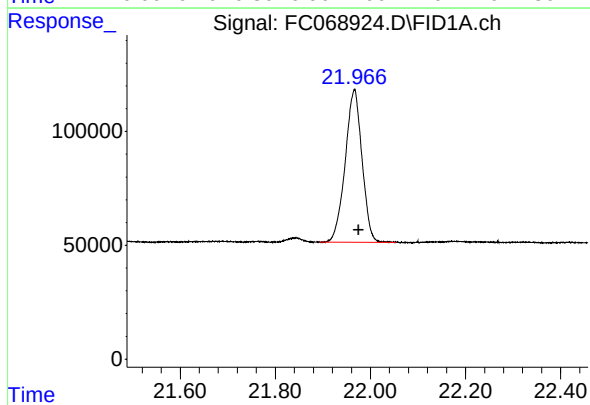
R.T.: 20.217 min
Delta R.T.: -0.006 min
Response: 1834015
Conc: 21.34 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.989 min
Delta R.T.: -0.007 min
Response: 1720510
Conc: 20.51 ug/ml

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20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 21.966 min
Delta R.T.: -0.009 min
Response: 1643450
Conc: 20.05 ug/ml