

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC042125AL\
 Data File : FC068655.D
 Signal(s) : FID1A.ch
 Acq On : 21 Apr 2025 13:43
 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: Apr 22 01:25:04 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 040925.M
 Quant Title : GC Extractables
 QLast Update : Tue Apr 08 17:31:27 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)	11.717	2441683	19.175 ug/ml
Spiked Amount 50.000		Recovery =	38.35%
12) S 1-chlorooctadecane (S...	13.150	1809262	19.477 ug/ml
Spiked Amount 50.000		Recovery =	38.95%
Target Compounds			
1) T n-Nonane (C9)	3.446	2132970	20.252 ug/ml
2) T n-Decane (C10)	4.522	2197084	20.853 ug/ml
3) T A~Naphthalene (C11.7)	6.120	2417935	20.762 ug/ml
4) T n-Dodecane (C12)	6.547	2172400	20.657 ug/ml
5) T A~2-methylnaphthalene...	7.178	2320927	20.095 ug/ml
6) T n-Tetradecane (C14)	8.345	2117037	20.593 ug/ml
7) T n-Hexadecane (C16)	9.948	2148322	21.095 ug/ml
8) T n-Octadecane (C18)	11.393	2152592	21.391 ug/ml
10) T n-Eicosane (C20)	12.704	2060683	20.950 ug/ml
11) T n-Heneicosane (C21)	13.317	2030427	20.834 ug/ml
13) T n-Docosane (C22)	13.904	2023887	20.952 ug/ml
14) T n-Tetracosane (C24)	15.008	2029914	21.326 ug/ml
15) T n-Hexacosane (C26)	16.031	2017714	21.602 ug/ml
16) T n-Octacosane (C28)	16.983	2050666	22.398 ug/ml
17) T n-Tricontane (C30)	17.873	2198070	23.910 ug/ml
18) T n-Dotriacontane (C32)	18.707	2189238	23.866 ug/ml
19) T n-Tetratriacontane (C34)	19.493	2007519	22.471 ug/ml
20) T n-Hexatriacontane (C36)	20.234	1757648	19.621 ug/ml
21) T n-Octatriacontane (C38)	21.012	1609510	18.205 ug/ml
22) T n-Tetracontane (C40)	21.994	1522998	17.247 ug/ml

(f)=RT Delta > 1/2 Window

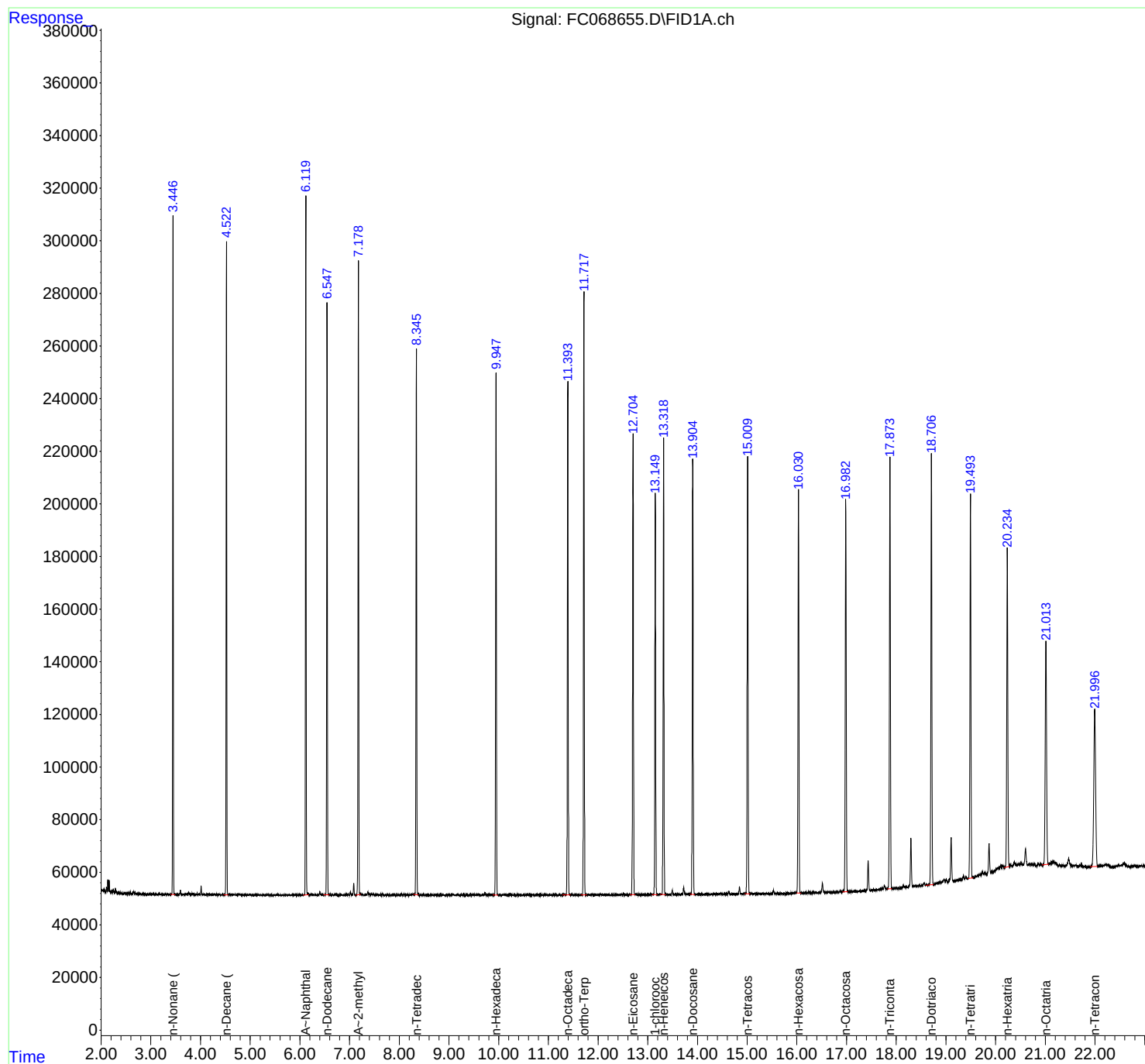
(m)=manual int.

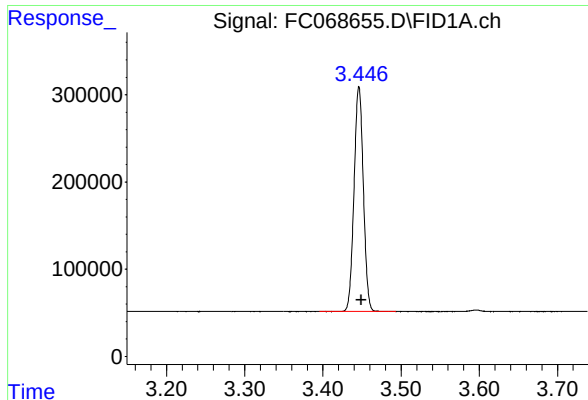
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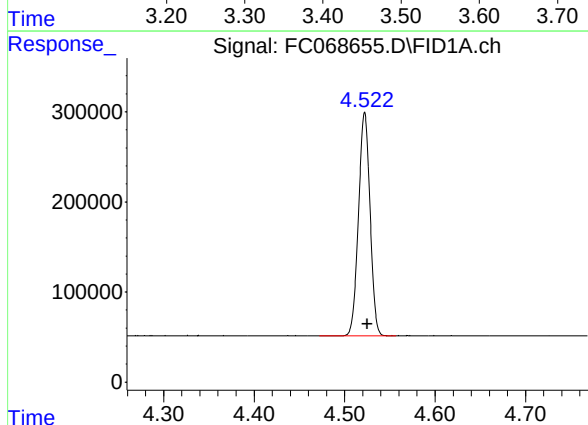




#1 n-Nonane (C9)

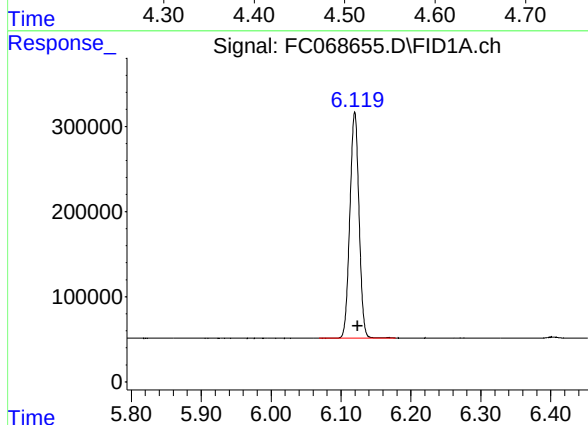
R.T.: 3.446 min
Delta R.T.: -0.003 min
Response: 2132970
Conc: 20.25 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



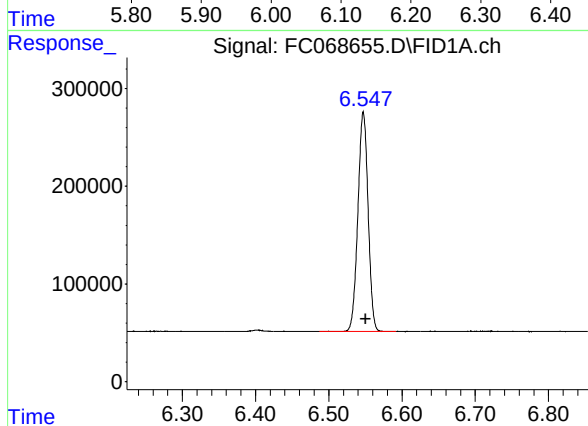
#2 n-Decane (C10)

R.T.: 4.522 min
Delta R.T.: -0.003 min
Response: 2197084
Conc: 20.85 ug/ml



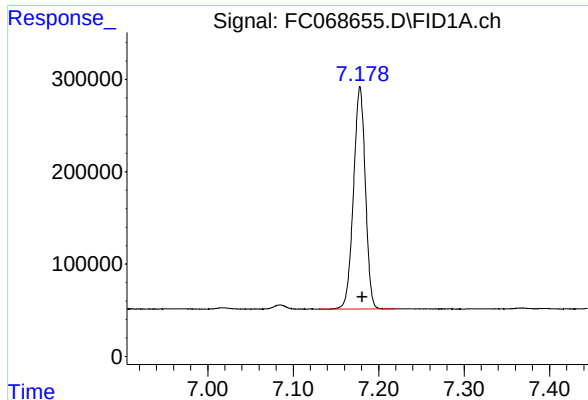
#3 A~Naphthalene (C11.7)

R.T.: 6.120 min
Delta R.T.: -0.004 min
Response: 2417935
Conc: 20.76 ug/ml



#4 n-Dodecane (C12)

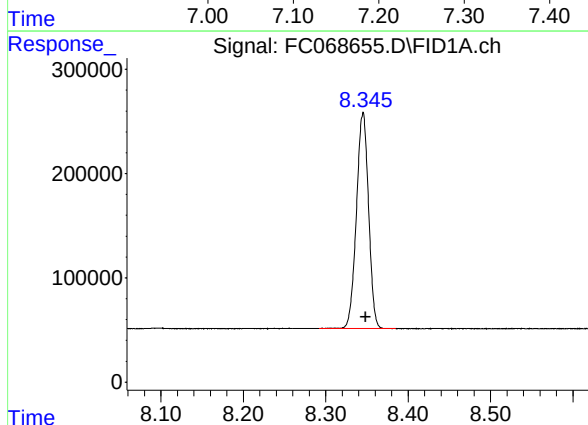
R.T.: 6.547 min
Delta R.T.: -0.003 min
Response: 2172400
Conc: 20.66 ug/ml



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

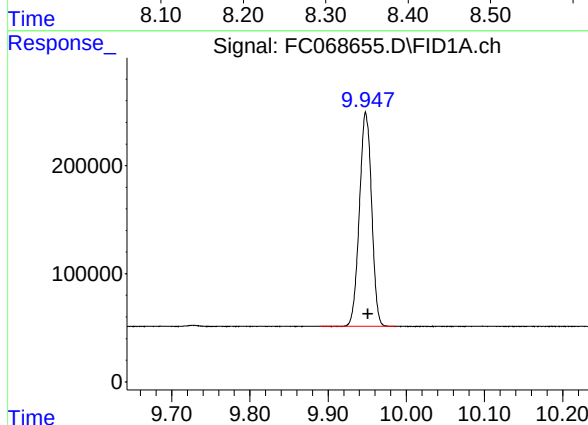
R.T.: 7.178 min
Delta R.T.: -0.003 min
Response: 2320927
Conc: 20.10 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



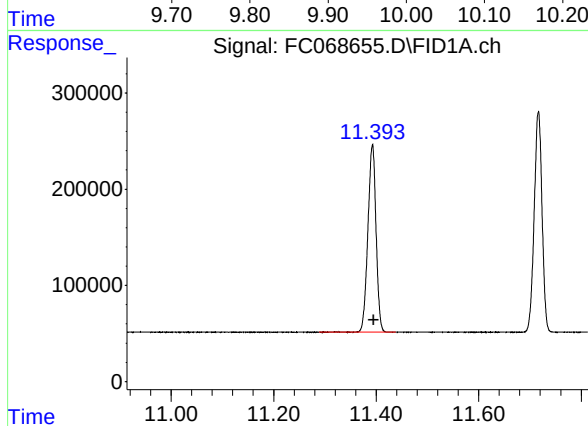
#6 n-Tetradecane (C14)

R.T.: 8.345 min
Delta R.T.: -0.003 min
Response: 2117037
Conc: 20.59 ug/ml



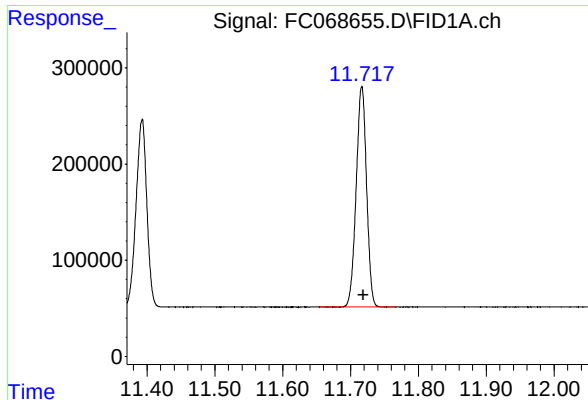
#7 n-Hexadecane (C16)

R.T.: 9.948 min
Delta R.T.: -0.003 min
Response: 2148322
Conc: 21.09 ug/ml



#8 n-Octadecane (C18)

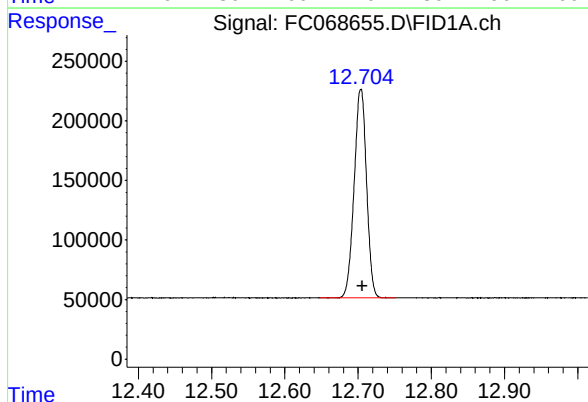
R.T.: 11.393 min
Delta R.T.: -0.002 min
Response: 2152592
Conc: 21.39 ug/ml



#9 ortho-Terphenyl (SURR)

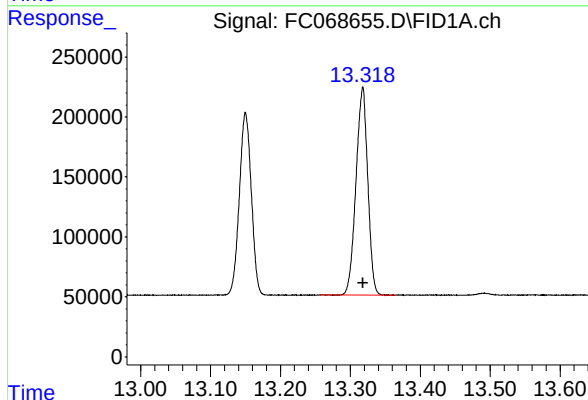
R.T.: 11.717 min
Delta R.T.: -0.002 min
Response: 2441683
Conc: 19.17 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



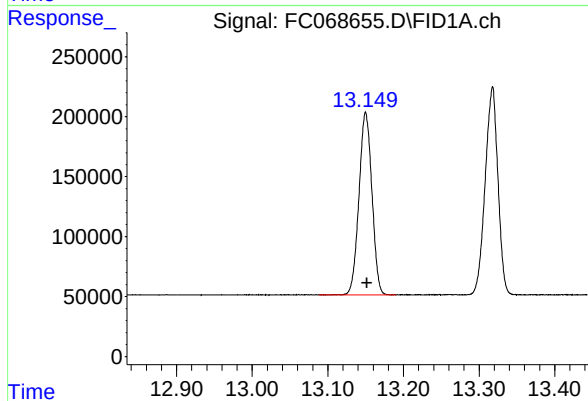
#10 n-Eicosane (C20)

R.T.: 12.704 min
Delta R.T.: -0.002 min
Response: 2060683
Conc: 20.95 ug/ml



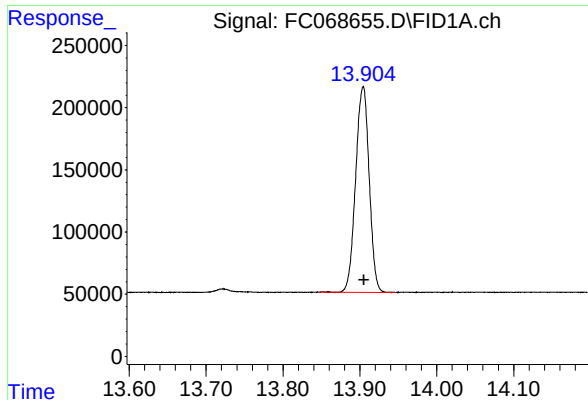
#11 n-Heneicosane (C21)

R.T.: 13.317 min
Delta R.T.: 0.000 min
Response: 2030427
Conc: 20.83 ug/ml



#12 1-chlorooctadecane (SURR)

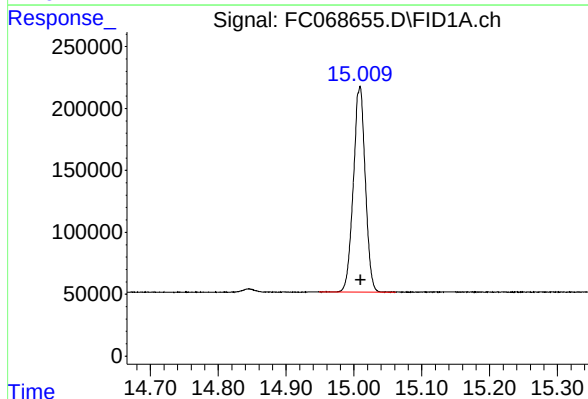
R.T.: 13.150 min
Delta R.T.: -0.002 min
Response: 1809262
Conc: 19.48 ug/ml



#13 n-Docosane (C22)

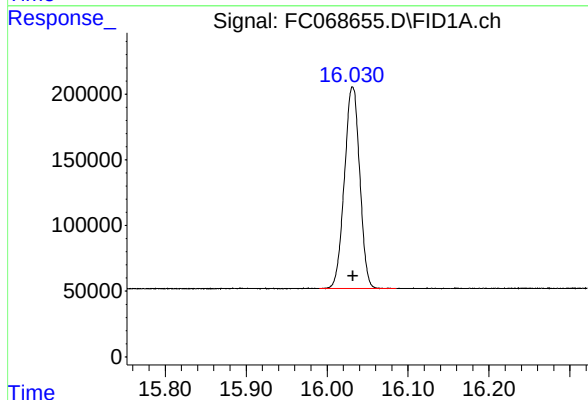
R.T.: 13.904 min
Delta R.T.: -0.001 min
Response: 2023887
Conc: 20.95 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



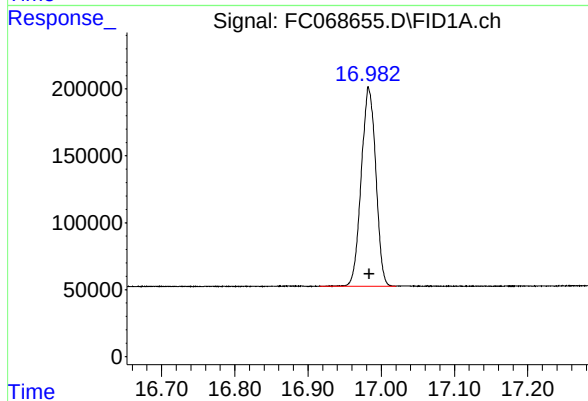
#14 n-Tetracosane (C24)

R.T.: 15.008 min
Delta R.T.: -0.002 min
Response: 2029914
Conc: 21.33 ug/ml



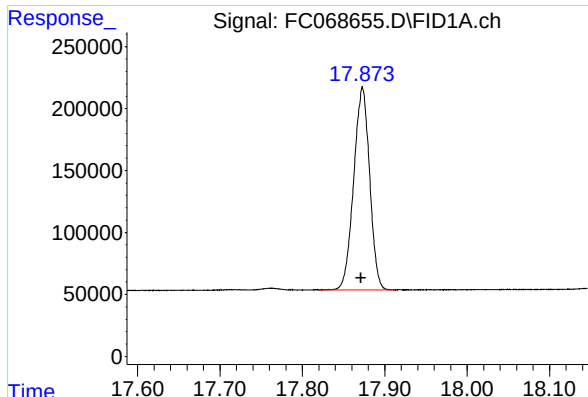
#15 n-Hexacosane (C26)

R.T.: 16.031 min
Delta R.T.: 0.000 min
Response: 2017714
Conc: 21.60 ug/ml



#16 n-Octacosane (C28)

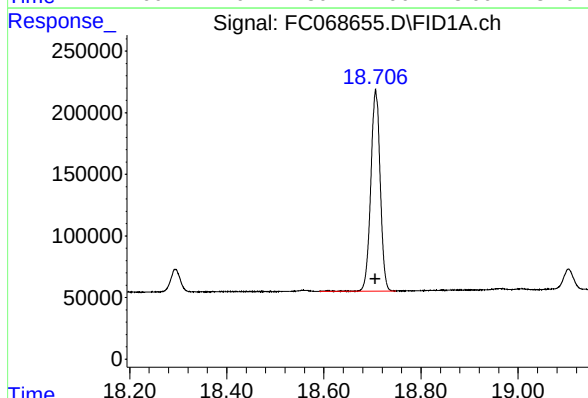
R.T.: 16.983 min
Delta R.T.: 0.000 min
Response: 2050666
Conc: 22.40 ug/ml



#17 n-Tricontane (C30)

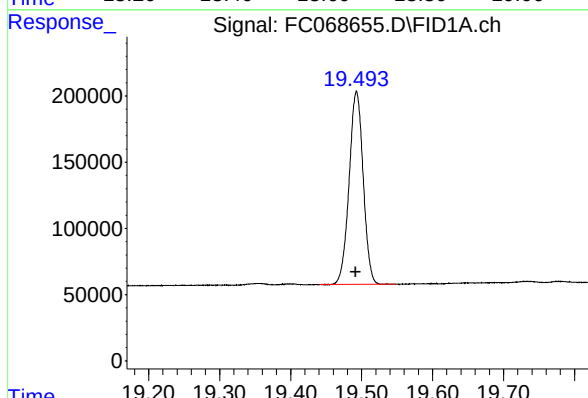
R.T.: 17.873 min
Delta R.T.: 0.001 min
Response: 2198070
Conc: 23.91 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



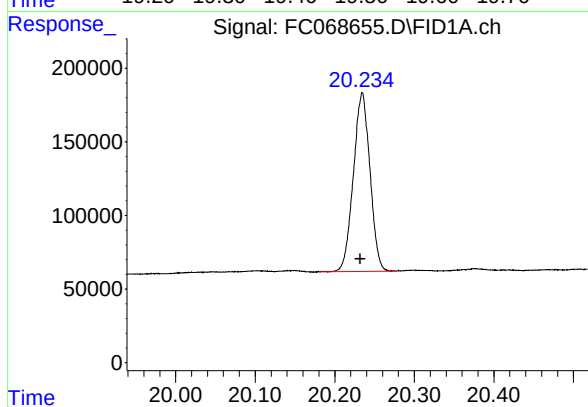
#18 n-Dotriacontane (C32)

R.T.: 18.707 min
Delta R.T.: 0.000 min
Response: 2189238
Conc: 23.87 ug/ml



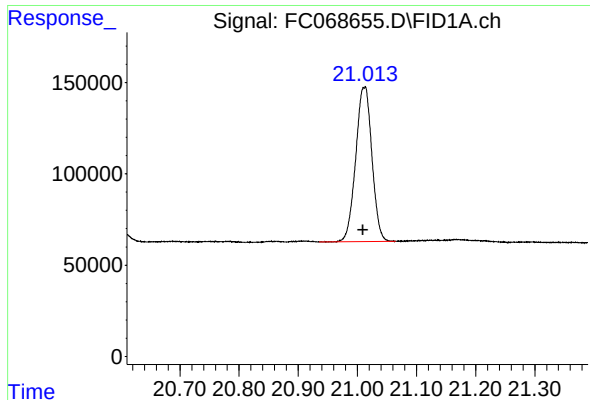
#19 n-Tetratriacontane (C34)

R.T.: 19.493 min
Delta R.T.: 0.001 min
Response: 2007519
Conc: 22.47 ug/ml



#20 n-Hexatriacontane (C36)

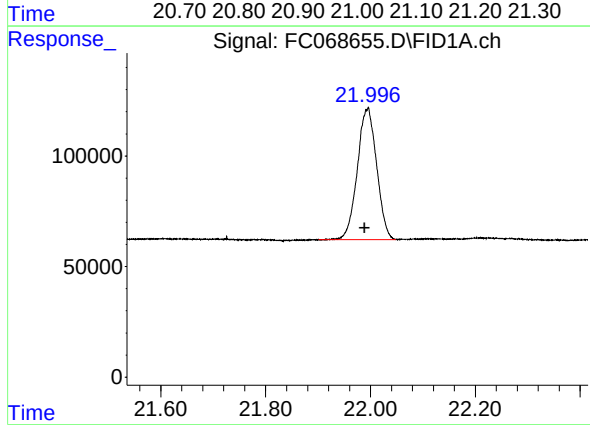
R.T.: 20.234 min
Delta R.T.: 0.002 min
Response: 1757648
Conc: 19.62 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.012 min
Delta R.T.: 0.002 min
Response: 1609510
Conc: 18.20 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.994 min
Delta R.T.: 0.006 min
Response: 1522998
Conc: 17.25 ug/ml