

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC091924AL\
 Data File : FC067168.D
 Signal(s) : FID1A.ch
 Acq On : 19 Sep 2024 10:51
 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: Sep 20 03:50:58 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 091024.M
 Quant Title : GC Extractables
 QLast Update : Wed Sep 11 02:55:44 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)	11.504	2871422	20.621 ug/ml
Spiked Amount 50.000		Recovery =	41.24%
12) S 1-chlorooctadecane (S...	12.943	2083722	21.331 ug/ml
Spiked Amount 50.000		Recovery =	42.66%
Target Compounds			
1) T n-Nonane (C9)	3.277	2659436	20.049 ug/ml
2) T n-Decane (C10)	4.343	2729327	20.321 ug/ml
3) T A~Naphthalene (C11.7)	5.922	2887305	20.315 ug/ml
4) T n-Dodecane (C12)	6.359	2734281	20.427 ug/ml
5) T A~2-methylnaphthalene...	6.977	2735125	20.482 ug/ml
6) T n-Tetradecane (C14)	8.153	2673864	20.748 ug/ml
7) T n-Hexadecane (C16)	9.752	2709971	21.020 ug/ml
8) T n-Octadecane (C18)	11.193	2702883	21.126 ug/ml
10) T n-Eicosane (C20)	12.501	2534579	21.102 ug/ml
11) T n-Heneicosane (C21)	13.112	2464043	21.097 ug/ml
13) T n-Docosane (C22)	13.698	2435082	21.090 ug/ml
14) T n-Tetracosane (C24)	14.799	2395791	21.097 ug/ml
15) T n-Hexacosane (C26)	15.819	2364568	21.335 ug/ml
16) T n-Octacosane (C28)	16.769	2376429	22.000 ug/ml
17) T n-Tricontane (C30)	17.655	2503711	23.018 ug/ml
18) T n-Dotriacontane (C32)	18.486	2459455	23.579 ug/ml
19) T n-Tetratriacontane (C34)	19.269	2162074	23.435 ug/ml
20) T n-Hexatriacontane (C36)	20.006	1823460	23.010 ug/ml
21) T n-Octatriacontane (C38)	20.733	1620313	21.571 ug/ml
22) T n-Tetracontane (C40)	21.622	1451822	20.780 ug/ml

(f)=RT Delta > 1/2 Window

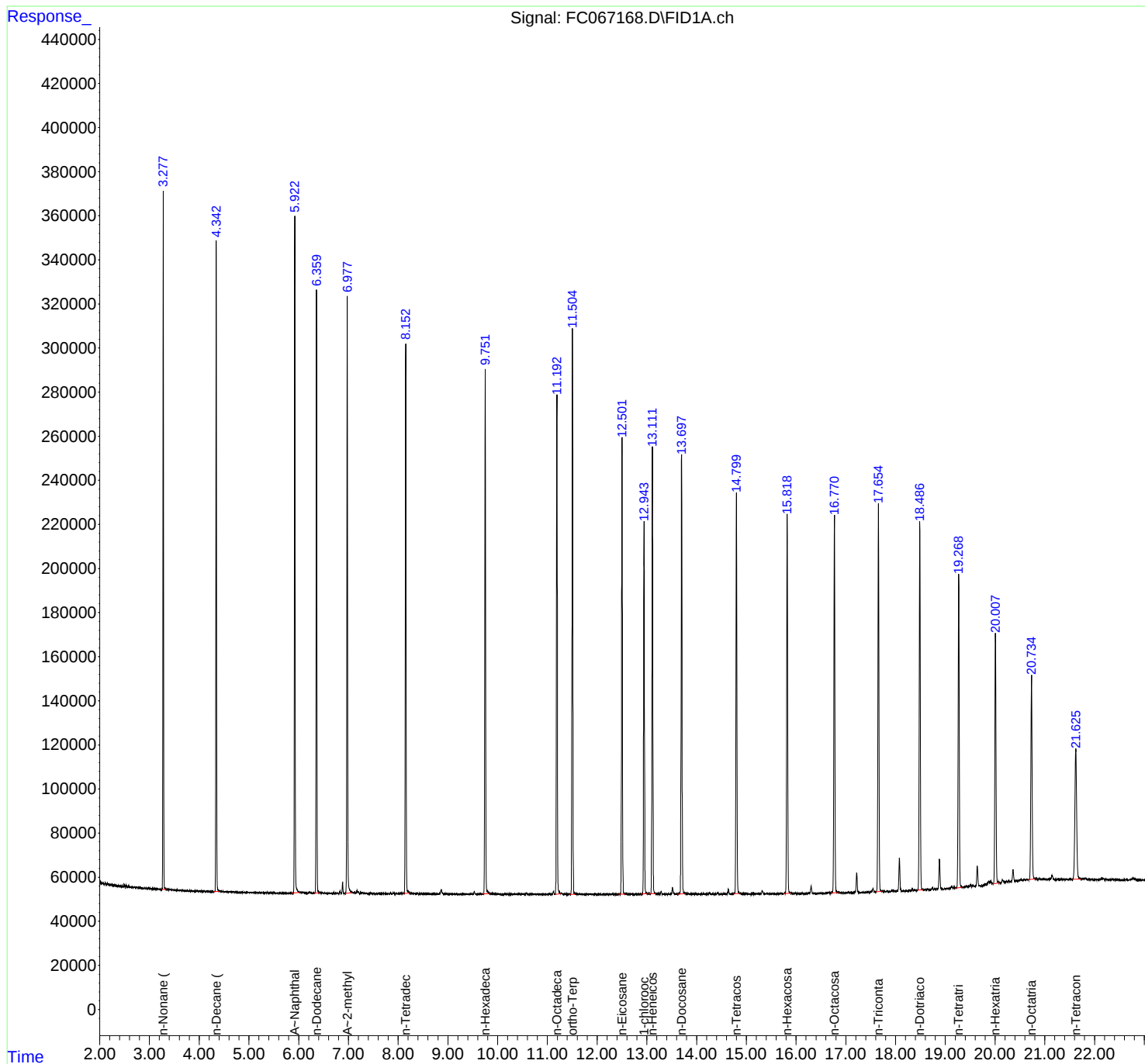
(m)=manual int.

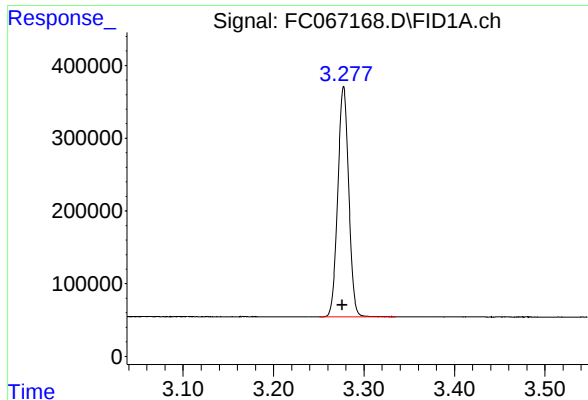
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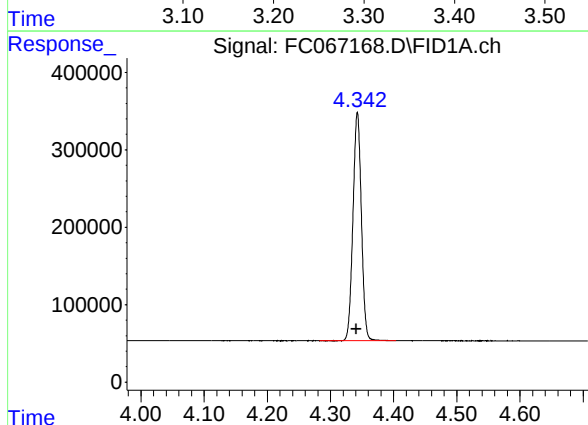




#1 n-Nonane (C9)

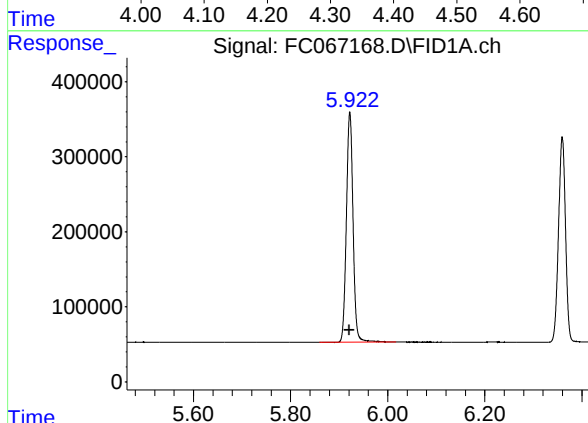
R.T.: 3.277 min
Delta R.T.: 0.001 min
Response: 2659436
Conc: 20.05 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



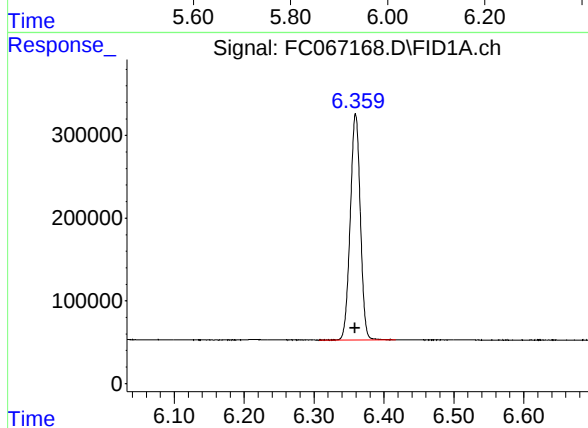
#2 n-Decane (C10)

R.T.: 4.343 min
Delta R.T.: 0.002 min
Response: 2729327
Conc: 20.32 ug/ml



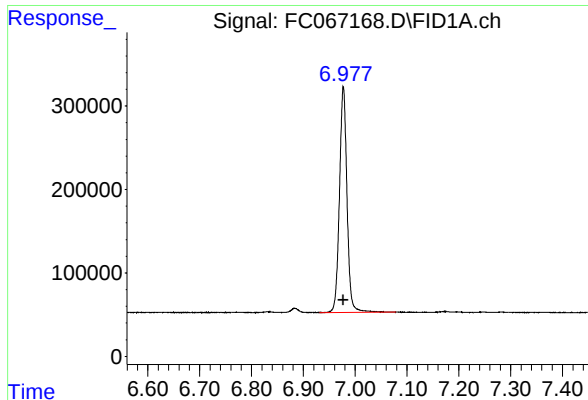
#3 A~Naphthalene (C11.7)

R.T.: 5.922 min
Delta R.T.: 0.000 min
Response: 2887305
Conc: 20.32 ug/ml



#4 n-Dodecane (C12)

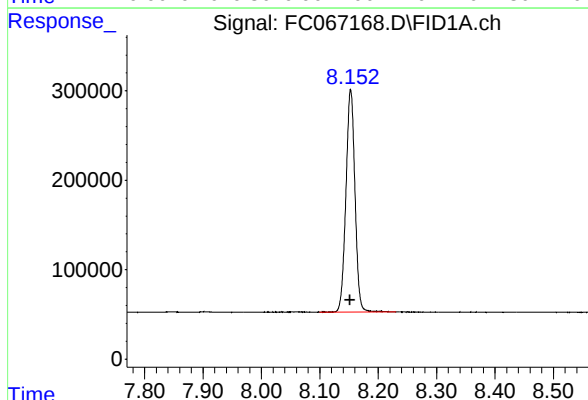
R.T.: 6.359 min
Delta R.T.: 0.001 min
Response: 2734281
Conc: 20.43 ug/ml



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

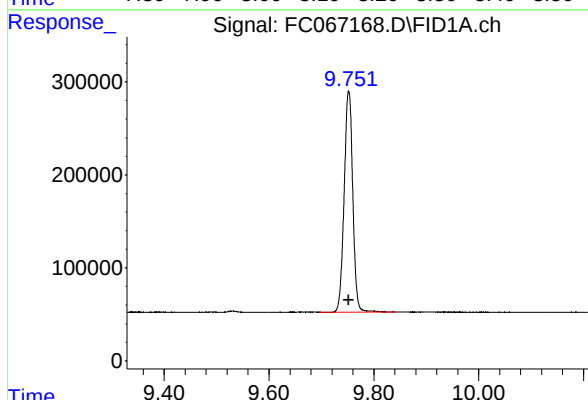
R.T.: 6.977 min
Delta R.T.: 0.000 min
Response: 2735125
Conc: 20.48 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



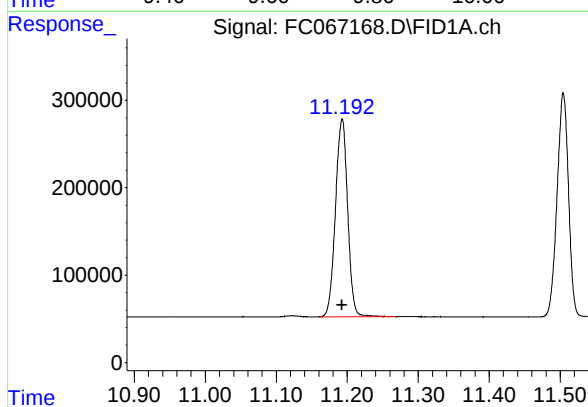
#6 n-Tetradecane (C14)

R.T.: 8.153 min
Delta R.T.: 0.000 min
Response: 2673864
Conc: 20.75 ug/ml



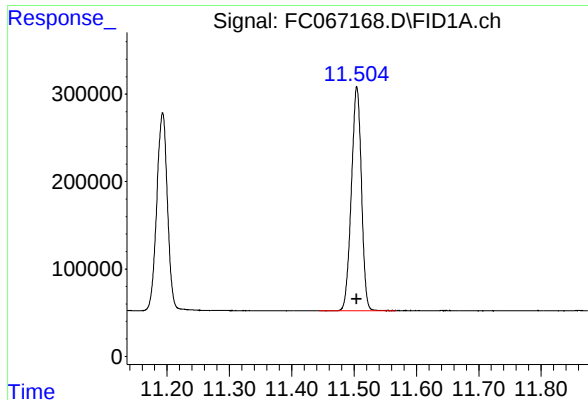
#7 n-Hexadecane (C16)

R.T.: 9.752 min
Delta R.T.: 0.000 min
Response: 2709971
Conc: 21.02 ug/ml



#8 n-Octadecane (C18)

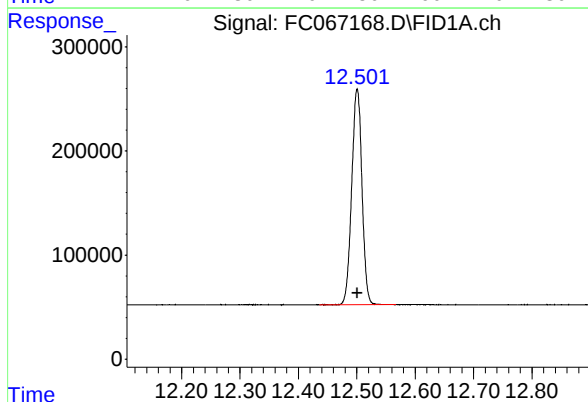
R.T.: 11.193 min
Delta R.T.: 0.000 min
Response: 2702883
Conc: 21.13 ug/ml



#9 ortho-Terphenyl (SURR)

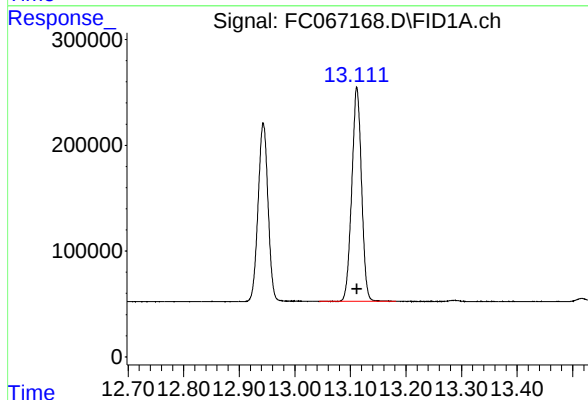
R.T.: 11.504 min
Delta R.T.: 0.000 min
Response: 2871422
Conc: 20.62 ug/ml

Instrument :
FID_C
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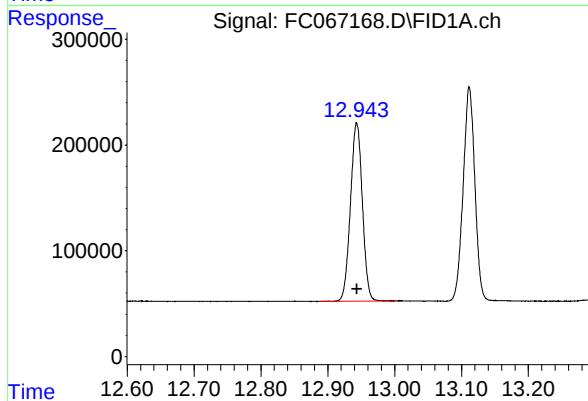
#10 n-Eicosane (C20)

R.T.: 12.501 min
Delta R.T.: 0.000 min
Response: 2534579
Conc: 21.10 ug/ml



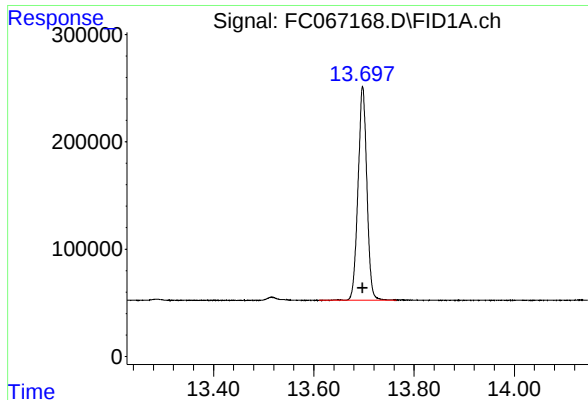
#11 n-Heneicosane (C21)

R.T.: 13.112 min
Delta R.T.: 0.000 min
Response: 2464043
Conc: 21.10 ug/ml



#12 1-chlorooctadecane (SURR)

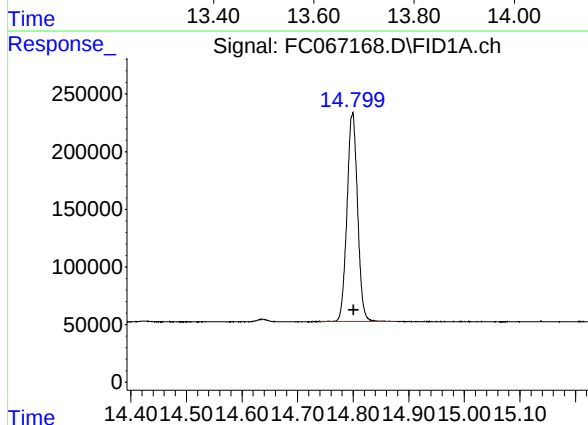
R.T.: 12.943 min
Delta R.T.: 0.000 min
Response: 2083722
Conc: 21.33 ug/ml



#13 n-Docosane (C22)

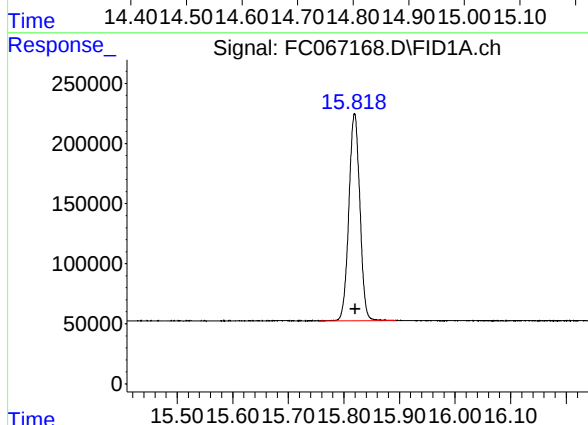
R.T.: 13.698 min
Delta R.T.: 0.000 min
Response: 2435082
Conc: 21.09 ug/ml

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20 PPM ALIPHATIC HC STD



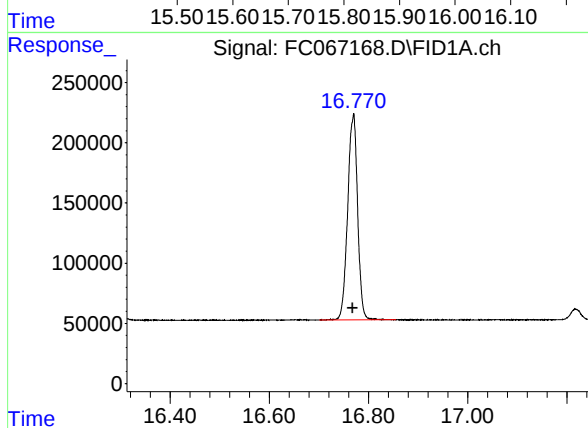
#14 n-Tetracosane (C24)

R.T.: 14.799 min
Delta R.T.: -0.002 min
Response: 2395791
Conc: 21.10 ug/ml



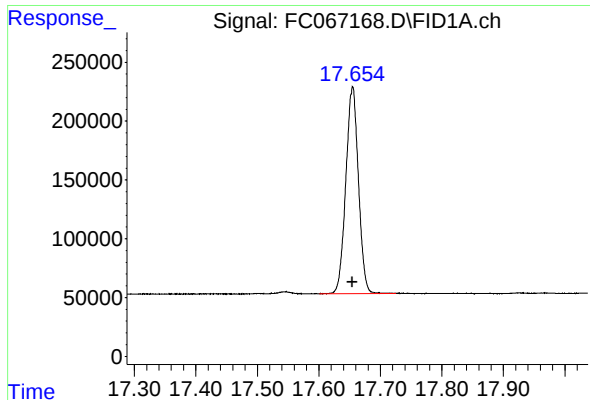
#15 n-Hexacosane (C26)

R.T.: 15.819 min
Delta R.T.: -0.001 min
Response: 2364568
Conc: 21.34 ug/ml



#16 n-Octacosane (C28)

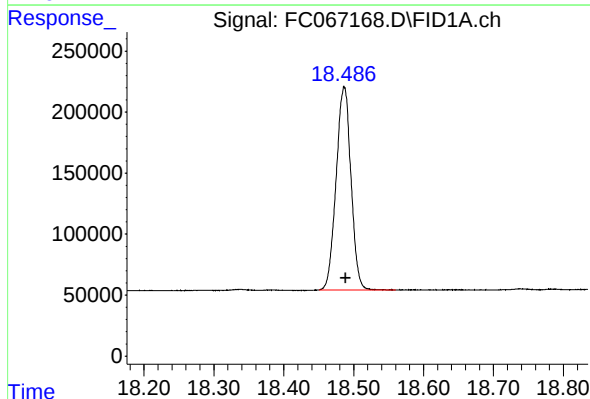
R.T.: 16.769 min
Delta R.T.: 0.001 min
Response: 2376429
Conc: 22.00 ug/ml



#17 n-Tricontane (C30)

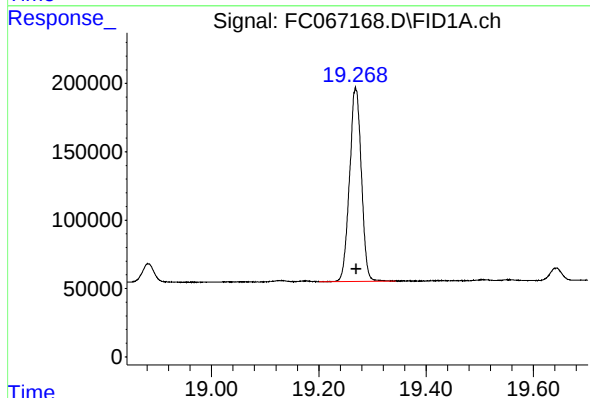
R.T.: 17.655 min
Delta R.T.: 0.000 min
Response: 2503711
Conc: 23.02 ug/ml

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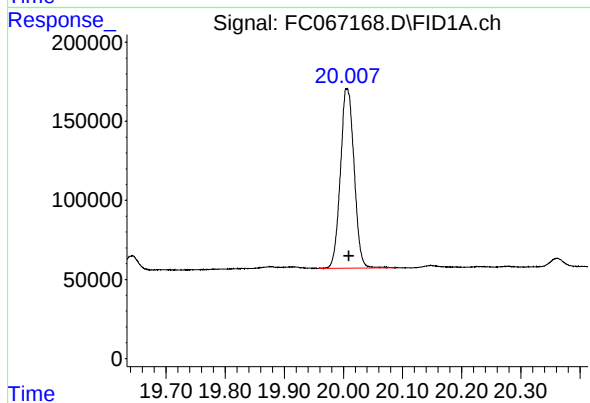
#18 n-Dotriacontane (C32)

R.T.: 18.486 min
Delta R.T.: -0.002 min
Response: 2459455
Conc: 23.58 ug/ml



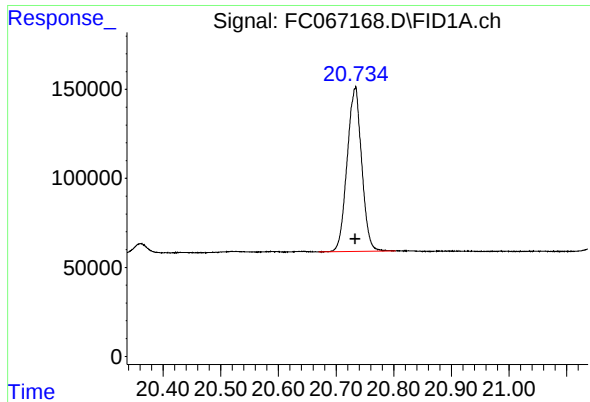
#19 n-Tetatriacontane (C34)

R.T.: 19.269 min
Delta R.T.: -0.001 min
Response: 2162074
Conc: 23.43 ug/ml



#20 n-Hexatriacontane (C36)

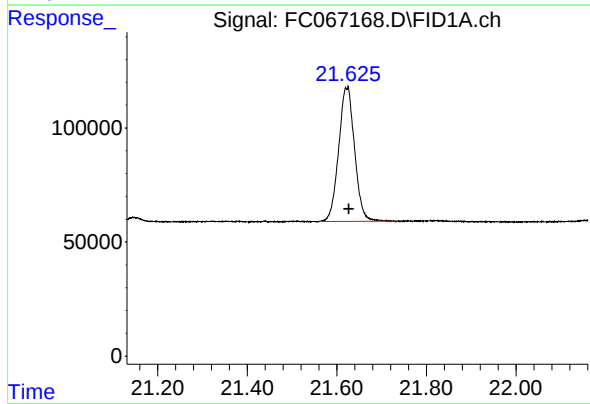
R.T.: 20.006 min
Delta R.T.: -0.003 min
Response: 1823460
Conc: 23.01 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.733 min
Delta R.T.: 0.000 min
Response: 1620313
Conc: 21.57 ug/ml

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20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 21.622 min
Delta R.T.: -0.004 min
Response: 1451822
Conc: 20.78 ug/ml