

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC101822AL\
 Data File : FC061844.D
 Signal(s) : FID1A.ch
 Acq On : 19 Oct 2022 01:03
 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: Oct 19 06:36:01 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 101722.M
 Quant Title : GC Extractables
 QLast Update : Mon Oct 17 23:26:31 2022
 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)	11.584	3249303	21.860 ug/ml
Spiked Amount 50.000		Recovery =	43.72%
12) S 1-chlorooctadecane (S...	13.021	2558422	21.960 ug/ml
Spiked Amount 50.000		Recovery =	43.92%
Target Compounds			
1) T n-Nonane (C9)	3.343	3061555	21.765 ug/ml
2) T n-Decane (C10)	4.410	3101351	21.726 ug/ml
3) T A~Naphthalene (C11.7)	5.995	3362116	21.782 ug/ml
4) T n-Dodecane (C12)	6.426	3141995	21.644 ug/ml
5) T A~2-methylnaphthalene...	7.051	3298358	21.743 ug/ml
6) T n-Tetradecane (C14)	8.223	3141154	21.609 ug/ml
7) T n-Hexadecane (C16)	9.825	3151051	21.638 ug/ml
8) T n-Octadecane (C18)	11.267	3141809	21.737 ug/ml
10) T n-Eicosane (C20)	12.577	3078639	21.813 ug/ml
11) T n-Heneicosane (C21)	13.189	3038388	21.897 ug/ml
13) T n-Docosane (C22)	13.776	2989384	21.806 ug/ml
14) T n-Tetracosane (C24)	14.877	2857432	21.626 ug/ml
15) T n-Hexacosane (C26)	15.899	2721482	21.598 ug/ml
16) T n-Octacosane (C28)	16.850	2578880	21.383 ug/ml
17) T n-Tricontane (C30)	17.737	2569662	21.597 ug/ml
18) T n-Dotriacontane (C32)	18.569	2532701	21.496 ug/ml
19) T n-Tetratriacontane (C34)	19.353	2429353	21.504 ug/ml
20) T n-Hexatriacontane (C36)	20.092	2442745	21.539 ug/ml
21) T n-Octatriacontane (C38)	20.829	2418056	21.490 ug/ml
22) T n-Tetracontane (C40)	21.745	2371909	21.127 ug/ml

(f)=RT Delta > 1/2 Window

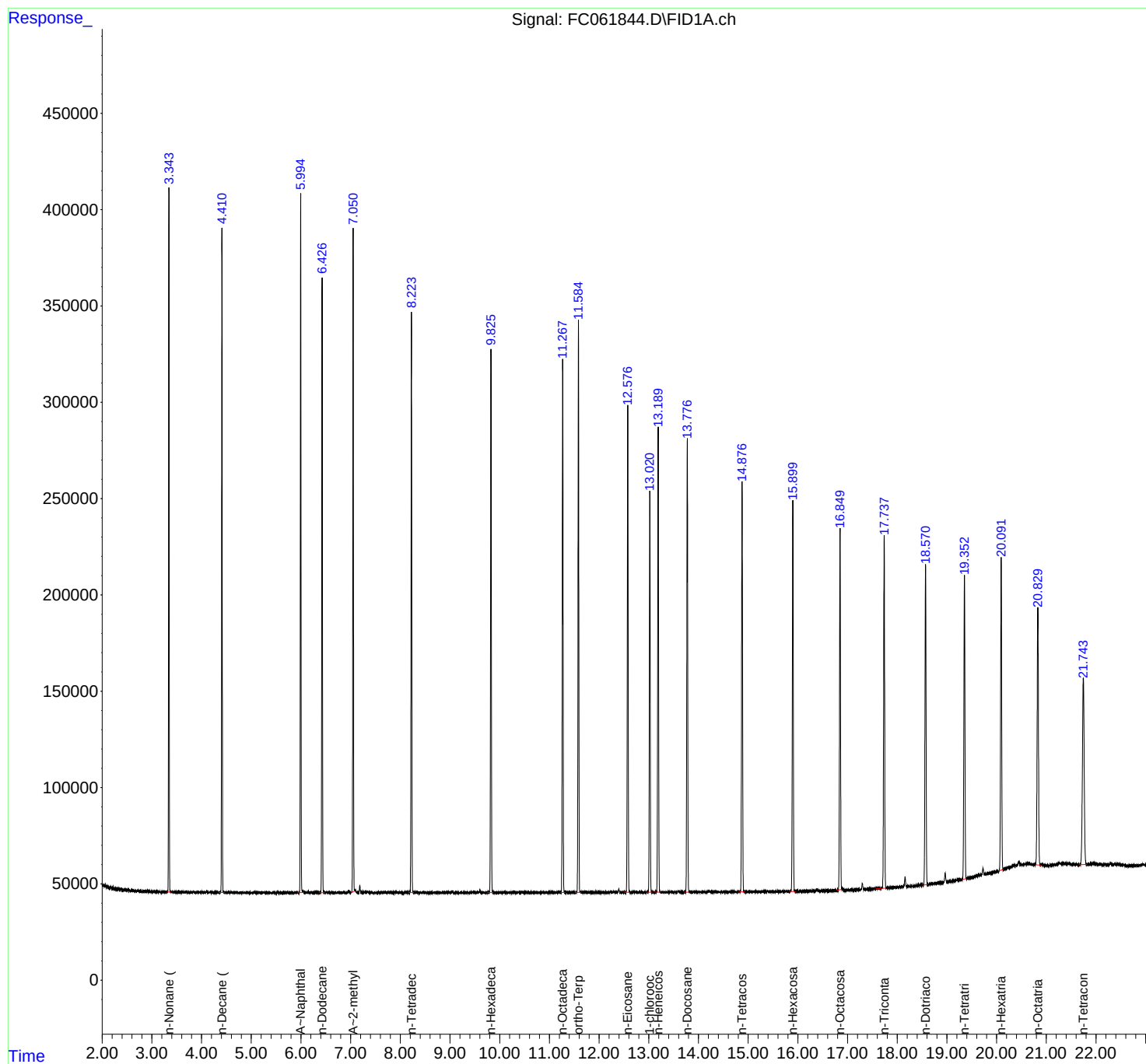
(m)=manual int.

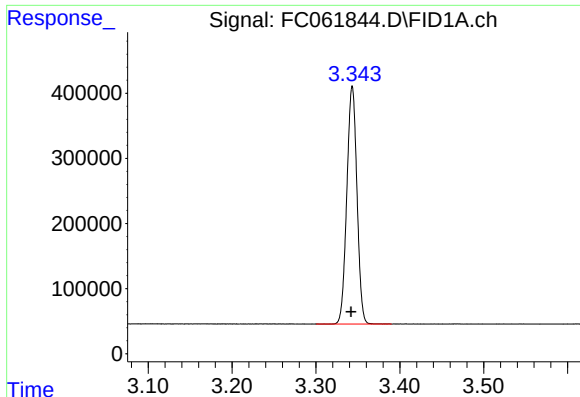
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC101822AL\
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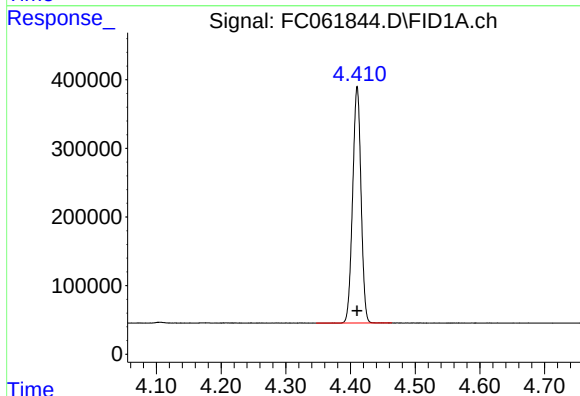




#1 n-Nonane (C9)

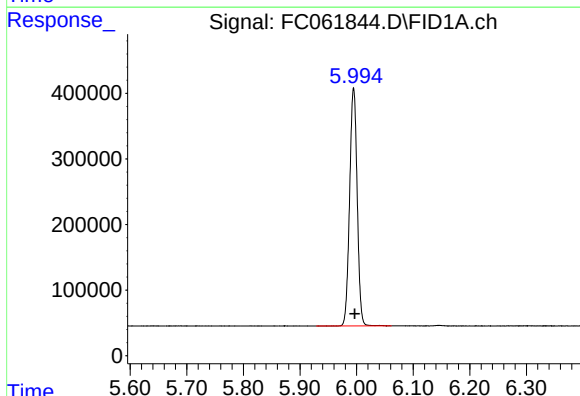
R.T.: 3.343 min
Delta R.T.: 0.001 min
Response: 3061555
Conc: 21.77 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



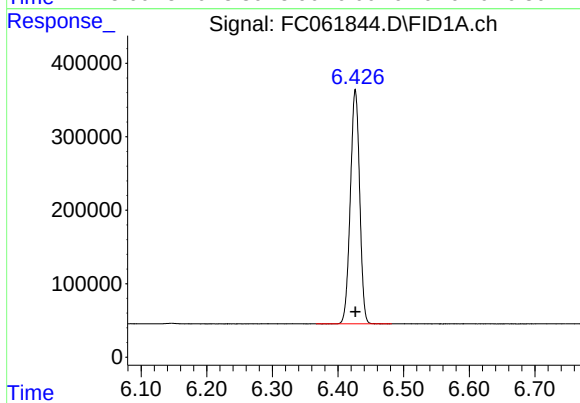
#2 n-Decane (C10)

R.T.: 4.410 min
Delta R.T.: 0.000 min
Response: 3101351
Conc: 21.73 ug/ml



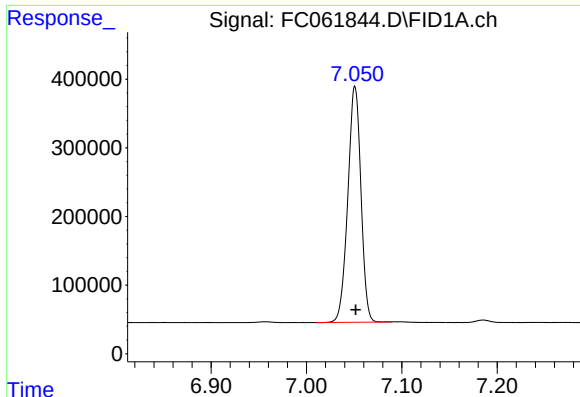
#3 A~Naphthalene (C11.7)

R.T.: 5.995 min
Delta R.T.: -0.002 min
Response: 3362116
Conc: 21.78 ug/ml



#4 n-Dodecane (C12)

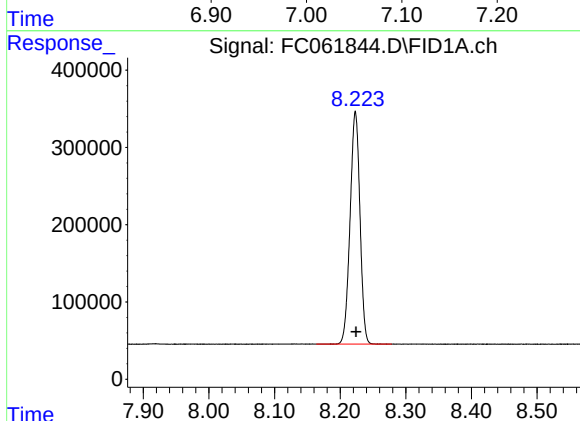
R.T.: 6.426 min
Delta R.T.: 0.000 min
Response: 3141995
Conc: 21.64 ug/ml



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

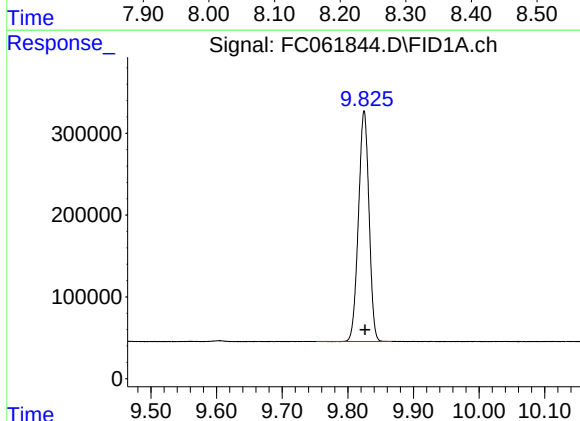
R.T.: 7.051 min
Delta R.T.: 0.000 min
Response: 3298358
Conc: 21.74 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



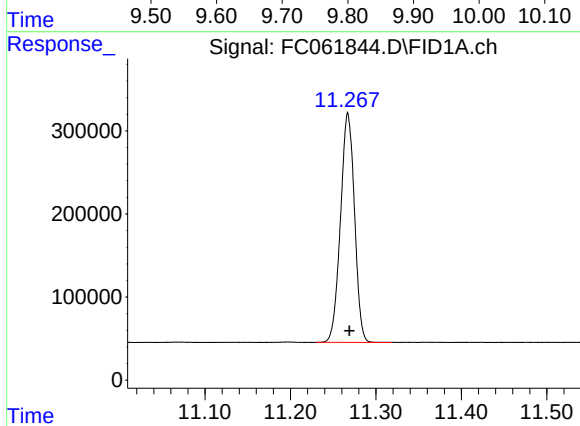
#6 n-Tetradecane (C14)

R.T.: 8.223 min
Delta R.T.: 0.000 min
Response: 3141154
Conc: 21.61 ug/ml



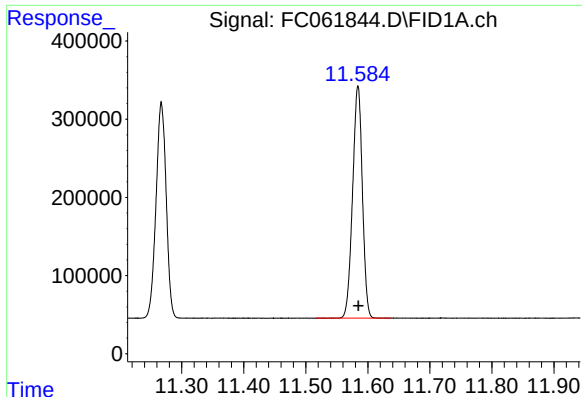
#7 n-Hexadecane (C16)

R.T.: 9.825 min
Delta R.T.: -0.001 min
Response: 3151051
Conc: 21.64 ug/ml



#8 n-Octadecane (C18)

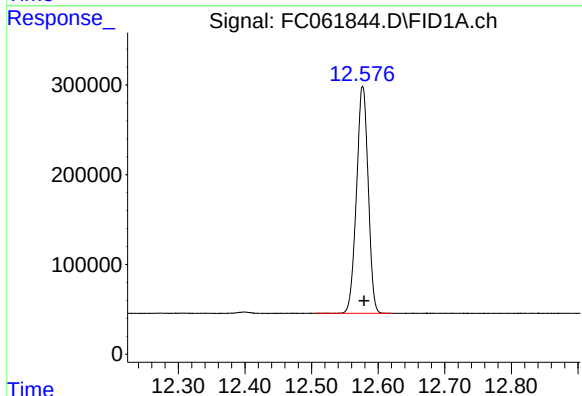
R.T.: 11.267 min
Delta R.T.: -0.002 min
Response: 3141809
Conc: 21.74 ug/ml



#9 ortho-Terphenyl (SURR)

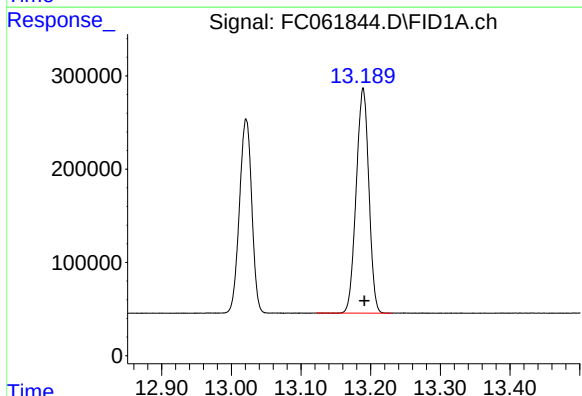
R.T.: 11.584 min
Delta R.T.: -0.001 min
Response: 3249303
Conc: 21.86 ug/ml

Instrument :
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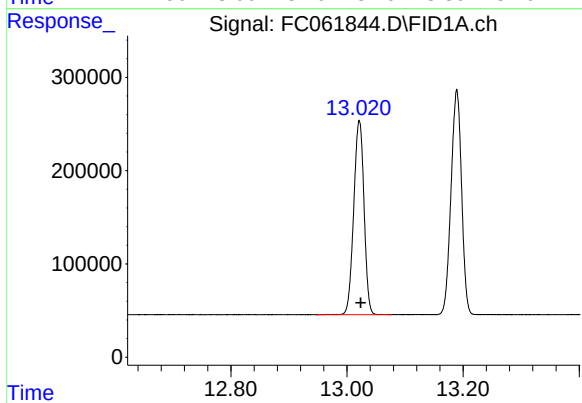
#10 n-Eicosane (C20)

R.T.: 12.577 min
Delta R.T.: -0.002 min
Response: 3078639
Conc: 21.81 ug/ml



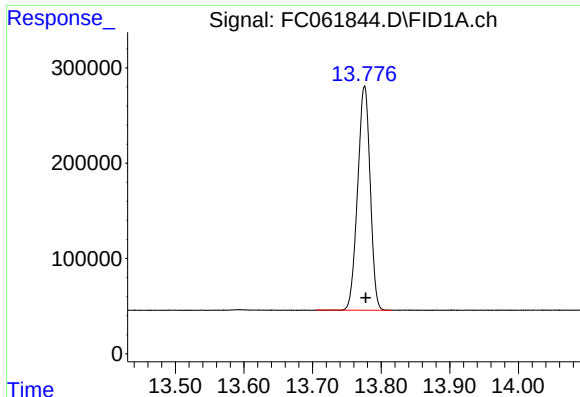
#11 n-Heneicosane (C21)

R.T.: 13.189 min
Delta R.T.: -0.002 min
Response: 3038388
Conc: 21.90 ug/ml



#12 1-chlorooctadecane (SURR)

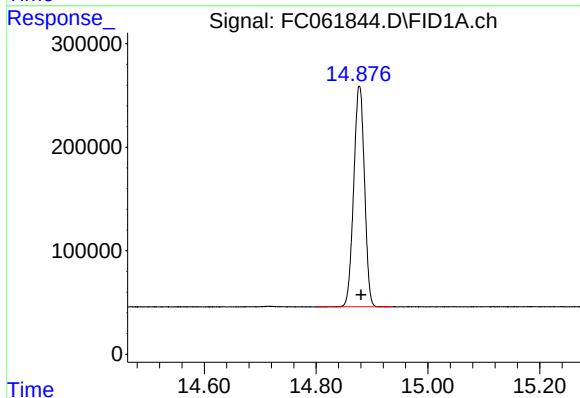
R.T.: 13.021 min
Delta R.T.: -0.002 min
Response: 2558422
Conc: 21.96 ug/ml



#13 n-Docosane (C22)

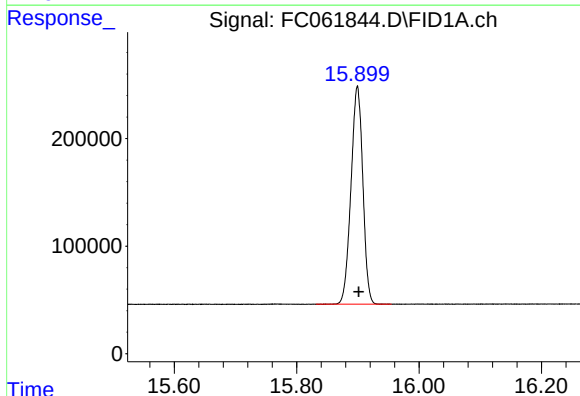
R.T.: 13.776 min
Delta R.T.: -0.002 min
Response: 2989384
Conc: 21.81 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



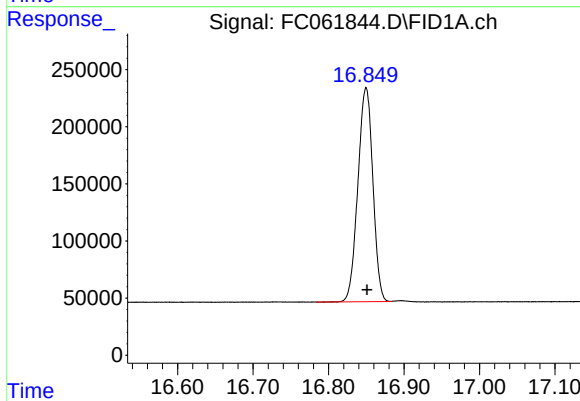
#14 n-Tetracosane (C24)

R.T.: 14.877 min
Delta R.T.: -0.003 min
Response: 2857432
Conc: 21.63 ug/ml



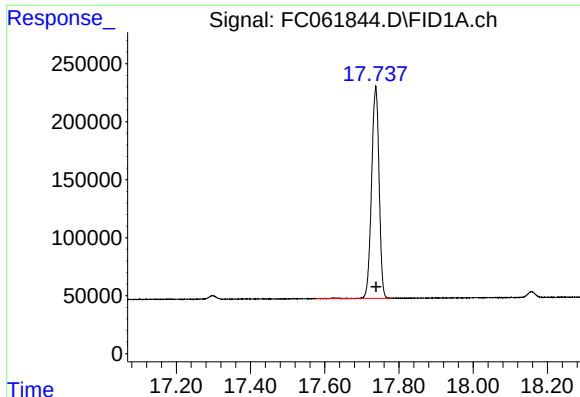
#15 n-Hexacosane (C26)

R.T.: 15.899 min
Delta R.T.: -0.002 min
Response: 2721482
Conc: 21.60 ug/ml



#16 n-Octacosane (C28)

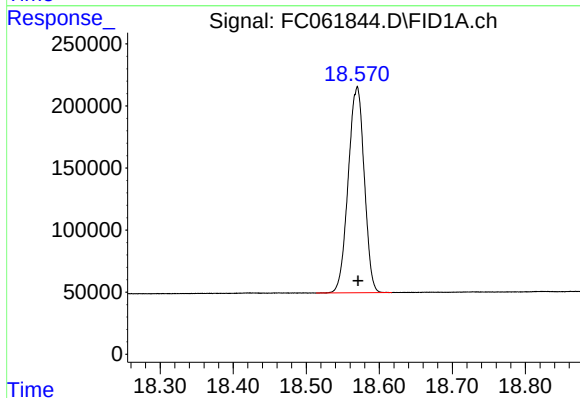
R.T.: 16.850 min
Delta R.T.: -0.001 min
Response: 2578880
Conc: 21.38 ug/ml



#17 n-Tricontane (C30)

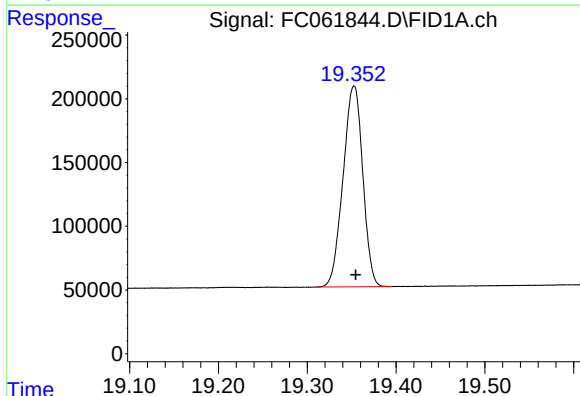
R.T.: 17.737 min
Delta R.T.: 0.000 min
Response: 2569662
Conc: 21.60 ug/ml

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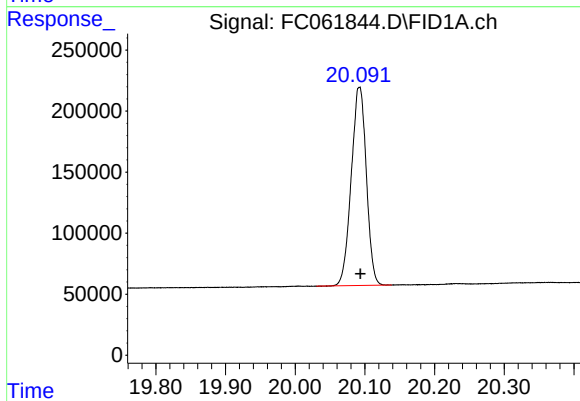
#18 n-Dotriacontane (C32)

R.T.: 18.569 min
Delta R.T.: -0.002 min
Response: 2532701
Conc: 21.50 ug/ml



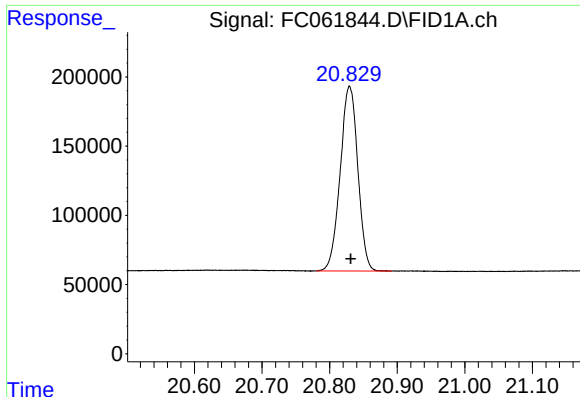
#19 n-Tetratriacontane (C34)

R.T.: 19.353 min
Delta R.T.: -0.002 min
Response: 2429353
Conc: 21.50 ug/ml



#20 n-Hexatriacontane (C36)

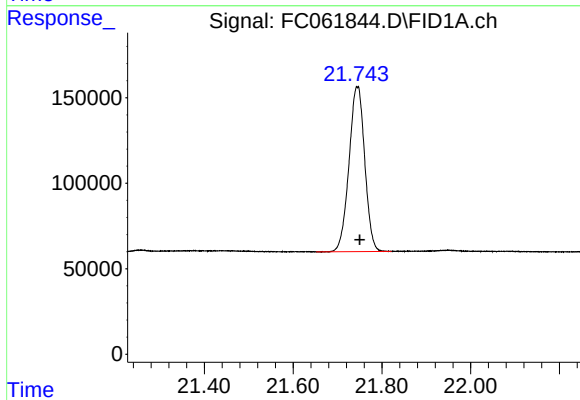
R.T.: 20.092 min
Delta R.T.: -0.002 min
Response: 2442745
Conc: 21.54 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.829 min
Delta R.T.: -0.002 min
Response: 2418056
Conc: 21.49 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.745 min
Delta R.T.: -0.005 min
Response: 2371909
Conc: 21.13 ug/ml