

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC041122AL\
 Data File : FC059164.D
 Signal(s) : FID1A.CH
 Acq On : 11 Apr 2022 11:55
 Operator : UA/NP
 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 12 02:13:28 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 032522.M
 Quant Title : GC Extractables
 QLast Update : Fri Mar 25 23:18:46 2022
 Response via : Initial Calibration
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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)	11.097	2581724	17.918 ug/ml
Spiked Amount 50.000		Recovery =	35.84%
12) S 1-chlorooctadecane (S...	12.545	1983975	17.699 ug/ml
Spiked Amount 50.000		Recovery =	35.40%
Target Compounds			
1) T n-Nonane (C9)	2.961	2308930	18.841 ug/ml
2) T n-Decane (C10)	4.003	2318704	18.921 ug/ml
3) T A~Naphthalene (C11.7)	5.551	2316601	18.451 ug/ml
4) T n-Dodecane (C12)	6.000	2406485	18.841 ug/ml
5) T A~2-methylnaphthalene...	6.599	2321923	18.112 ug/ml
6) T n-Tetradecane (C14)	7.782	2420456	18.616 ug/ml
7) T n-Hexadecane (C16)	9.373	2431223	18.308 ug/ml
8) T n-Octadecane (C18)	10.806	2408245	18.113 ug/ml
10) T n-Eicosane (C20)	12.107	2351449	17.947 ug/ml
11) T n-Heneicosane (C21)	12.716	2343719	17.962 ug/ml
13) T n-Docosane (C22)	13.299	2307855	17.815 ug/ml
14) T n-Tetracosane (C24)	14.396	2258722	17.880 ug/ml
15) T n-Hexacosane (C26)	15.414	2169362	17.959 ug/ml
16) T n-Octacosane (C28)	16.358	2149073	18.149 ug/ml
17) T n-Tricontane (C30)	17.240	2112127	18.515 ug/ml
18) T n-Dotriacontane (C32)	18.069	2030196	18.951 ug/ml
19) T n-Tetratriacontane (C34)	18.850	1937120	19.172 ug/ml
20) T n-Hexatriacontane (C36)	19.587	1807906	18.921 ug/ml
21) T n-Octatriacontane (C38)	20.284	1695310	18.424 ug/ml
22) T n-Tetracontane (C40)	21.025	1672905	18.000 ug/ml

(f)=RT Delta > 1/2 Window

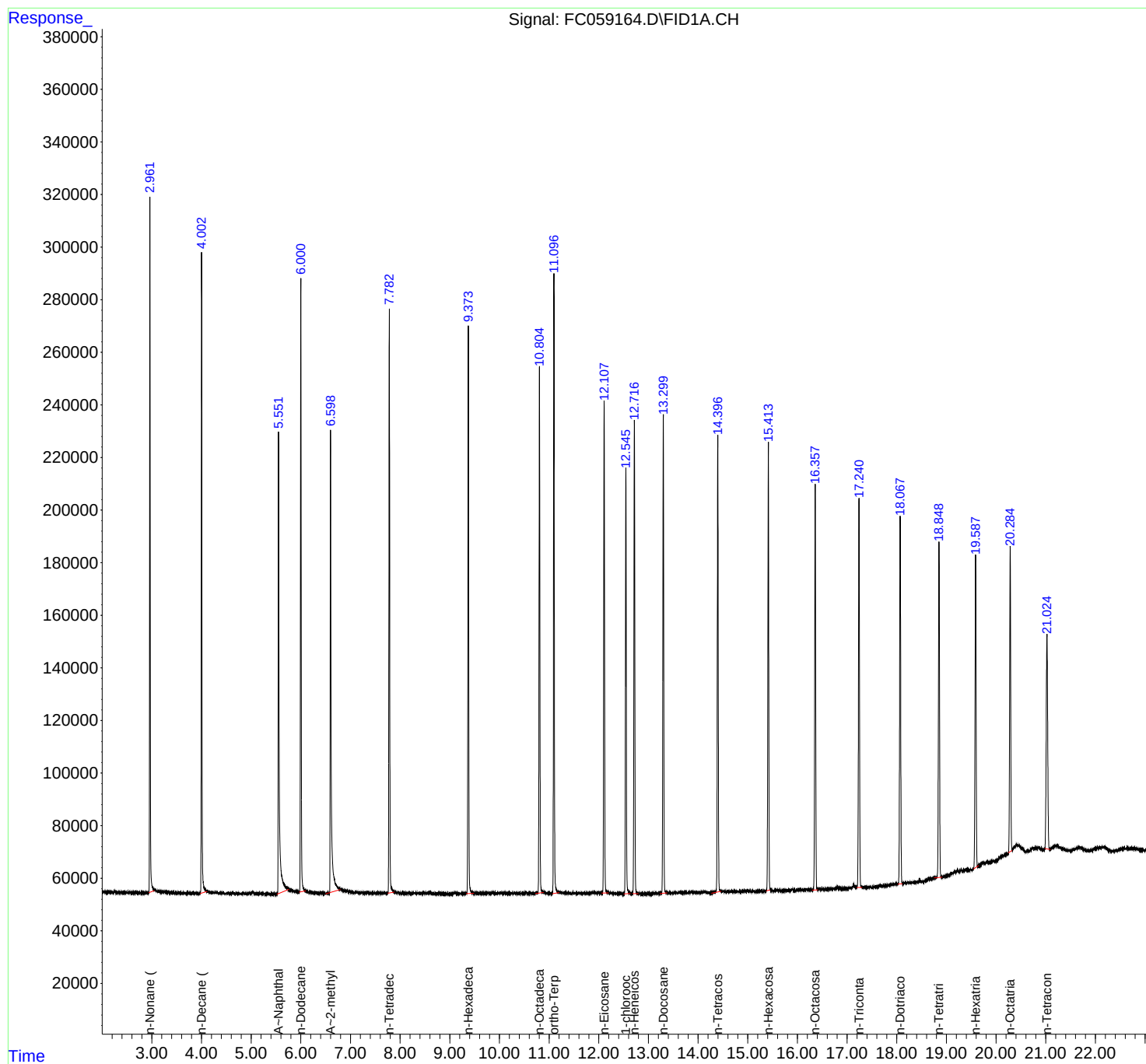
(m)=manual int.

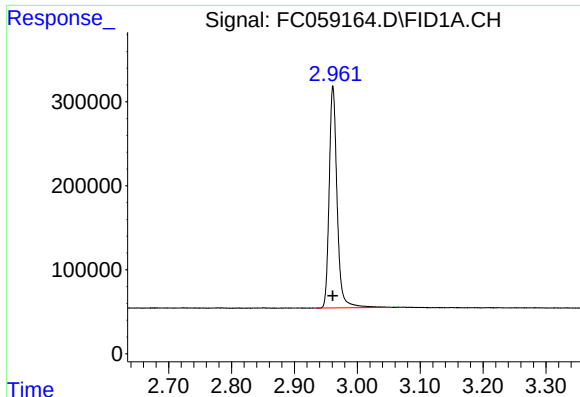
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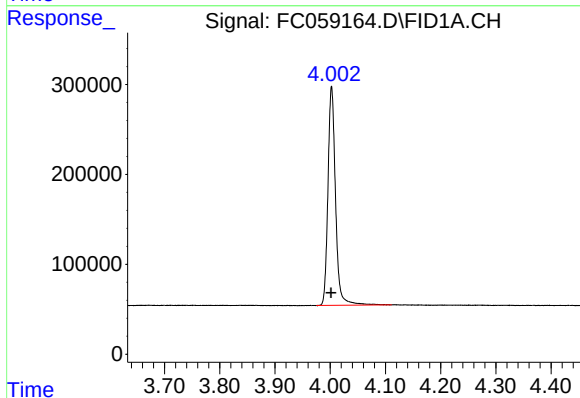




#1 n-Nonane (C9)

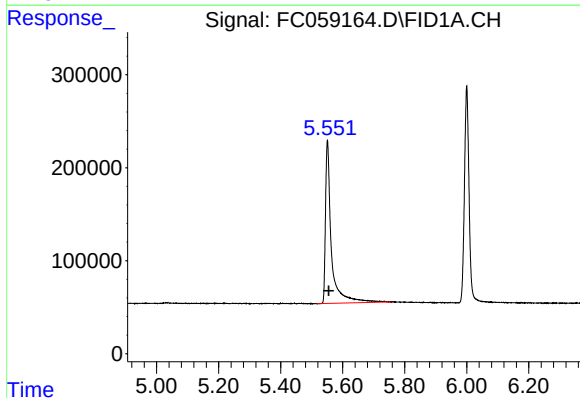
R.T.: 2.961 min
Delta R.T.: 0.000 min
Response: 2308930
Conc: 18.84 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



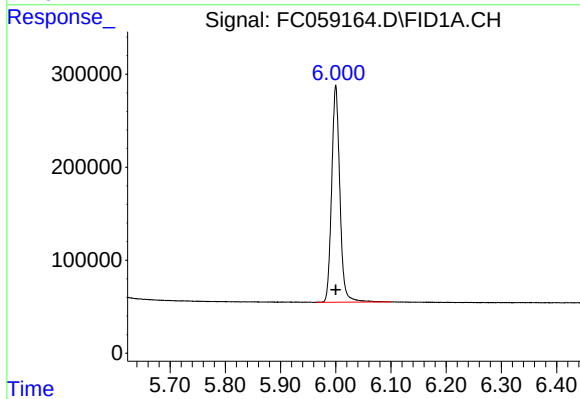
#2 n-Decane (C10)

R.T.: 4.003 min
Delta R.T.: 0.000 min
Response: 2318704
Conc: 18.92 ug/ml



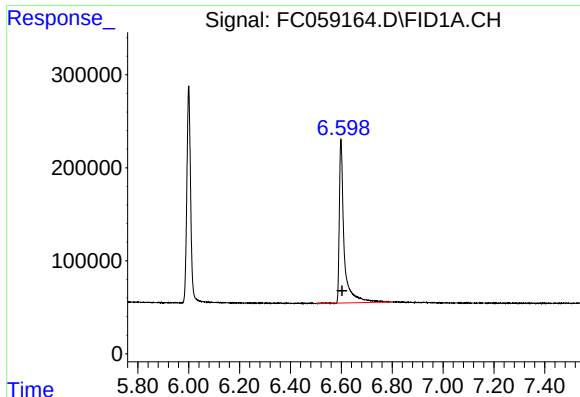
#3 A~Naphthalene (C11.7)

R.T.: 5.551 min
Delta R.T.: -0.004 min
Response: 2316601
Conc: 18.45 ug/ml



#4 n-Dodecane (C12)

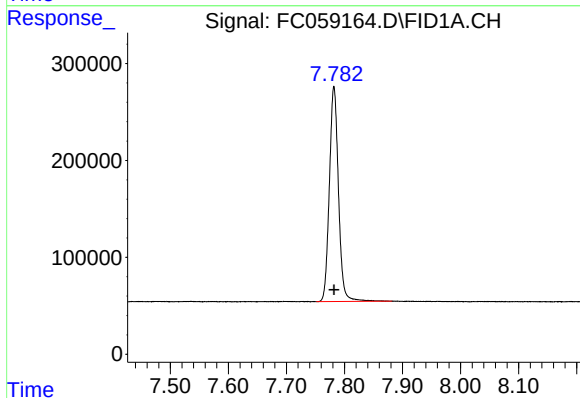
R.T.: 6.000 min
Delta R.T.: 0.000 min
Response: 2406485
Conc: 18.84 ug/ml



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

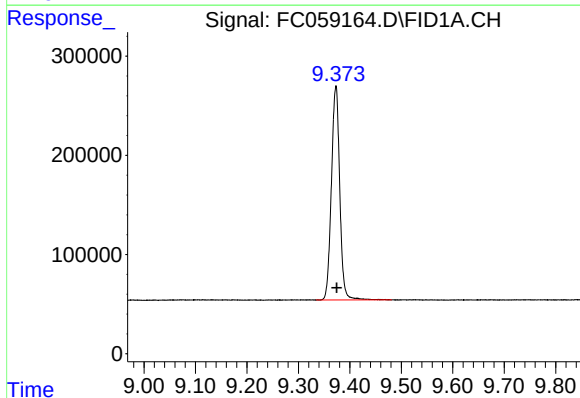
R.T.: 6.599 min
Delta R.T.: -0.004 min
Response: 2321923
Conc: 18.11 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



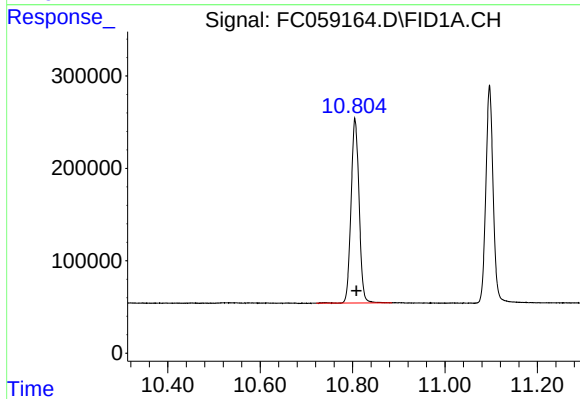
#6 n-Tetradecane (C14)

R.T.: 7.782 min
Delta R.T.: 0.000 min
Response: 2420456
Conc: 18.62 ug/ml



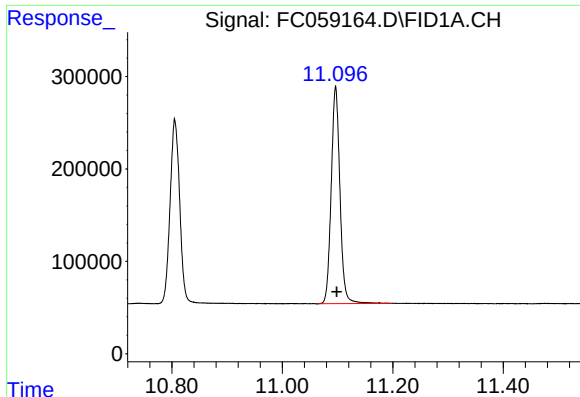
#7 n-Hexadecane (C16)

R.T.: 9.373 min
Delta R.T.: -0.002 min
Response: 2431223
Conc: 18.31 ug/ml



#8 n-Octadecane (C18)

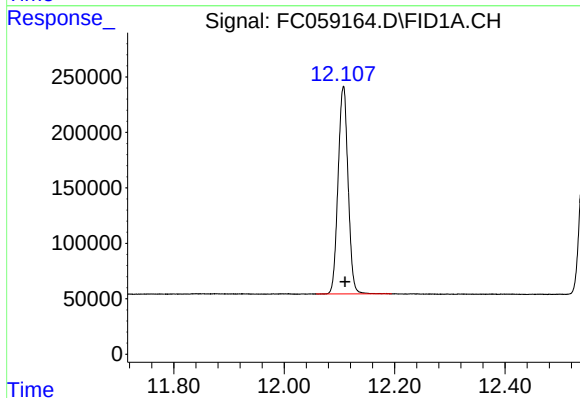
R.T.: 10.806 min
Delta R.T.: -0.003 min
Response: 2408245
Conc: 18.11 ug/ml



#9 ortho-Terphenyl (SURR)

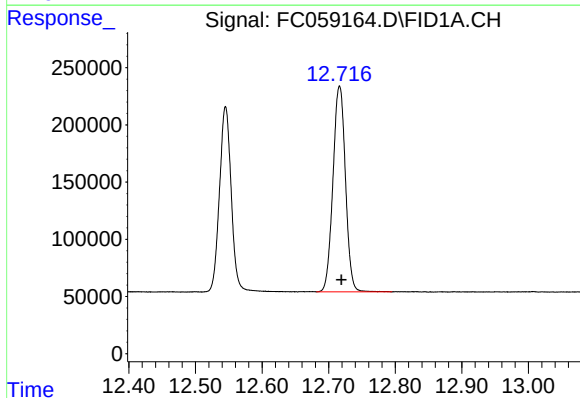
R.T.: 11.097 min
Delta R.T.: -0.002 min
Response: 2581724
Conc: 17.92 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



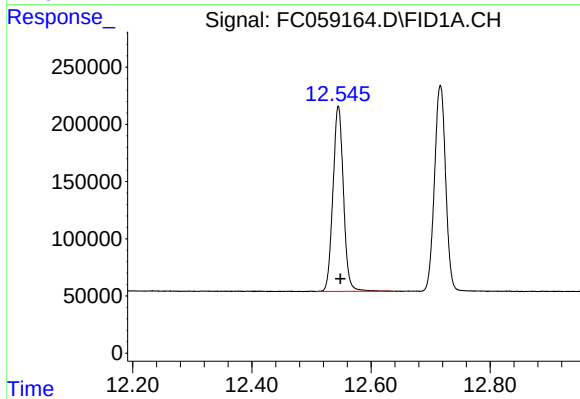
#10 n-Eicosane (C20)

R.T.: 12.107 min
Delta R.T.: -0.004 min
Response: 2351449
Conc: 17.95 ug/ml



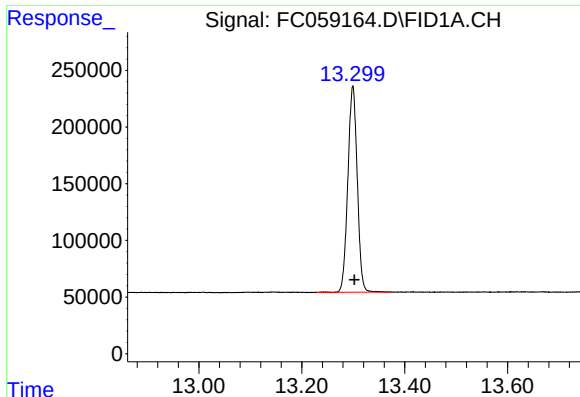
#11 n-Heneicosane (C21)

R.T.: 12.716 min
Delta R.T.: -0.003 min
Response: 2343719
Conc: 17.96 ug/ml



#12 1-chlorooctadecane (SURR)

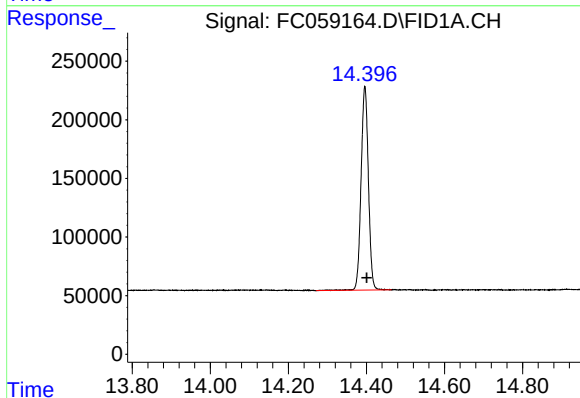
R.T.: 12.545 min
Delta R.T.: -0.003 min
Response: 1983975
Conc: 17.70 ug/ml



#13 n-Docosane (C22)

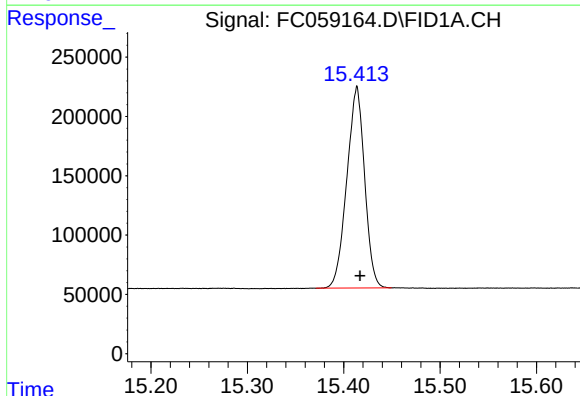
R.T.: 13.299 min
Delta R.T.: -0.004 min
Response: 2307855
Conc: 17.82 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



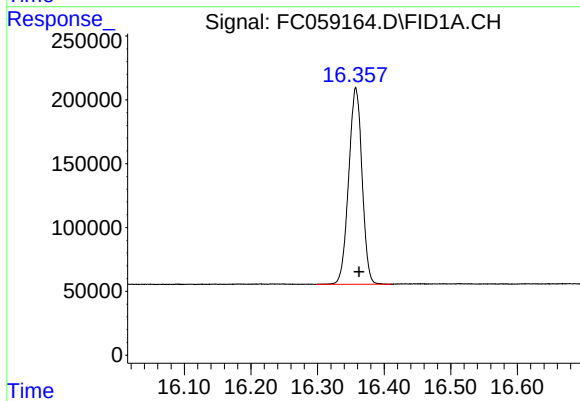
#14 n-Tetracosane (C24)

R.T.: 14.396 min
Delta R.T.: -0.005 min
Response: 2258722
Conc: 17.88 ug/ml



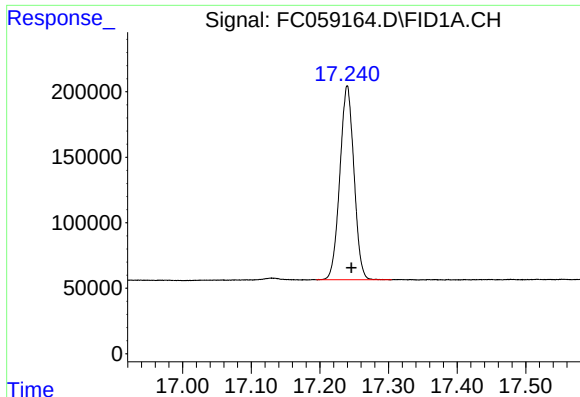
#15 n-Hexacosane (C26)

R.T.: 15.414 min
Delta R.T.: -0.004 min
Response: 2169362
Conc: 17.96 ug/ml



#16 n-Octacosane (C28)

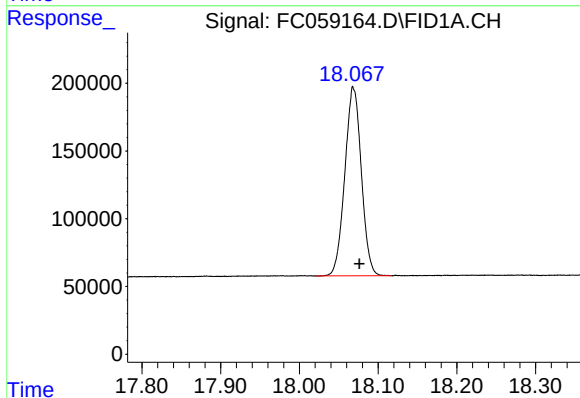
R.T.: 16.358 min
Delta R.T.: -0.005 min
Response: 2149073
Conc: 18.15 ug/ml



#17 n-Tricontane (C30)

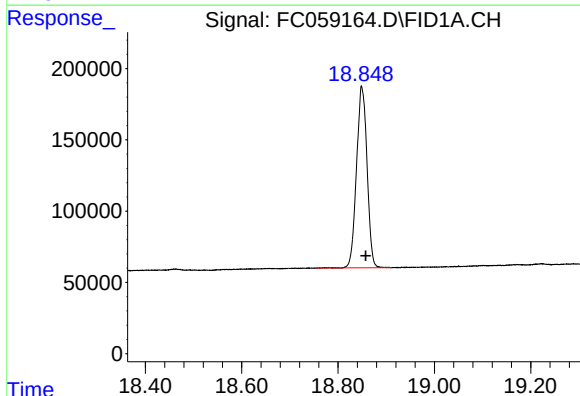
R.T.: 17.240 min
Delta R.T.: -0.006 min
Response: 2112127
Conc: 18.51 ug/ml

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FID_C
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20 PPM ALIPHATIC HC STD



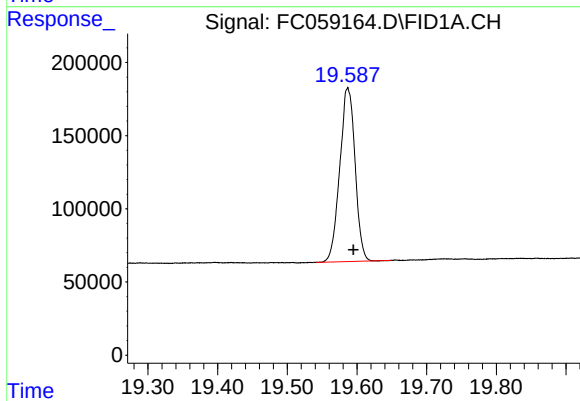
#18 n-Dotriacontane (C32)

R.T.: 18.069 min
Delta R.T.: -0.008 min
Response: 2030196
Conc: 18.95 ug/ml



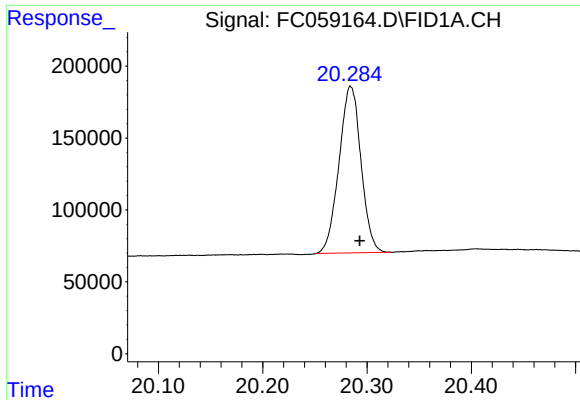
#19 n-Tetratriacontane (C34)

R.T.: 18.850 min
Delta R.T.: -0.008 min
Response: 1937120
Conc: 19.17 ug/ml



#20 n-Hexatriacontane (C36)

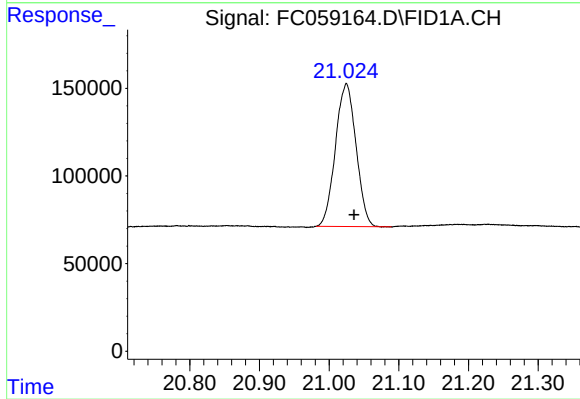
R.T.: 19.587 min
Delta R.T.: -0.008 min
Response: 1807906
Conc: 18.92 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.284 min
Delta R.T.: -0.009 min
Response: 1695310
Conc: 18.42 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.025 min
Delta R.T.: -0.011 min
Response: 1672905
Conc: 18.00 ug/ml