

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC032521AL\
 Data File : FC052731.D
 Signal(s) : FID1A.CH
 Acq On : 26 Mar 2021 00:00
 Operator : DD\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: Mar 26 01:08:09 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 031721.M
 Quant Title : GC Extractables
 QLast Update : Wed Mar 17 03:47:28 2021
 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)	11.566	2524104	18.831 ug/ml
Spiked Amount 50.000		Recovery =	37.66%
12) S 1-chlorooctadecane (S...	13.004	1964865	18.217 ug/ml
Spiked Amount 50.000		Recovery =	36.43%
Target Compounds			
1) T n-Nonane (C9)	3.324	2474173	21.302 ug/ml
2) T n-Decane (C10)	4.390	2503623	21.365 ug/ml
3) T A~Naphthalene (C11.7)	5.976	2766343	21.129 ug/ml
4) T n-Dodecane (C12)	6.410	2554314	21.274 ug/ml
5) T A~2-methylnaphthalene...	7.034	2820255	21.069 ug/ml
6) T n-Tetradecane (C14)	8.207	2536809	20.975 ug/ml
7) T n-Hexadecane (C16)	9.807	2456280	20.423 ug/ml
8) T n-Octadecane (C18)	11.250	2479733	19.654 ug/ml
10) T n-Eicosane (C20)	12.559	2387900	18.700 ug/ml
11) T n-Heneicosane (C21)	13.172	2327110	18.308 ug/ml
13) T n-Docosane (C22)	13.757	2259515	17.836 ug/ml
14) T n-Tetracosane (C24)	14.860	2140140	17.132 ug/ml
15) T n-Hexacosane (C26)	15.880	2020654	16.781 ug/ml
16) T n-Octacosane (C28)	16.830	1951389	16.925 ug/ml
17) T n-Tricontane (C30)	17.718	1920975	17.632 ug/ml
18) T n-Dotriacontane (C32)	18.549	1897431	18.910 ug/ml
19) T n-Tetratriacontane (C34)	19.332	1889244	20.553 ug/ml
20) T n-Hexatriacontane (C36)	20.071	1867187	20.476 ug/ml
21) T n-Octatriacontane (C38)	20.804	1809118	22.167 ug/ml
22) T n-Tetracontane (C40)	21.709	1897212	22.025 ug/ml

(f)=RT Delta > 1/2 Window

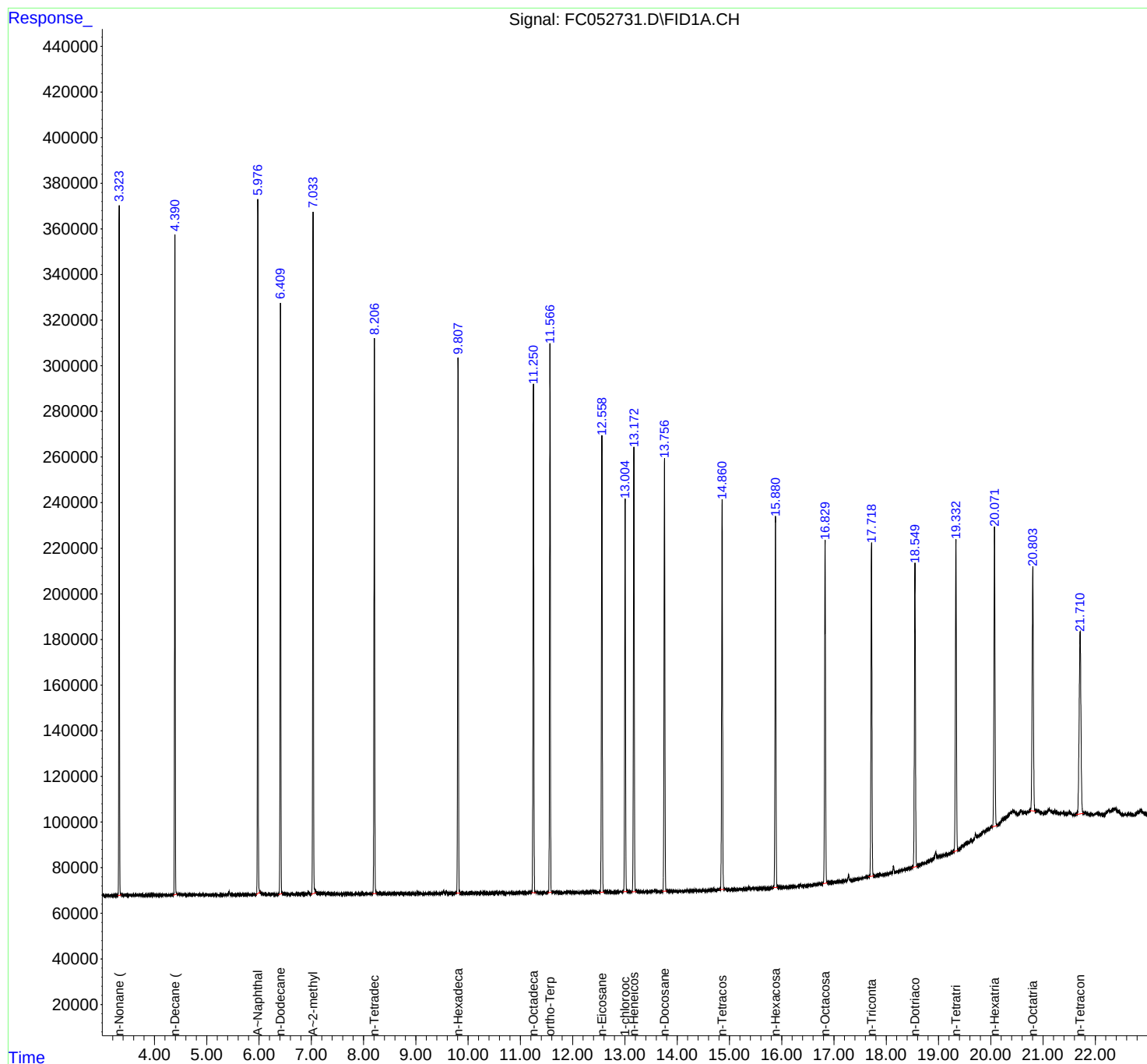
(m)=manual int.

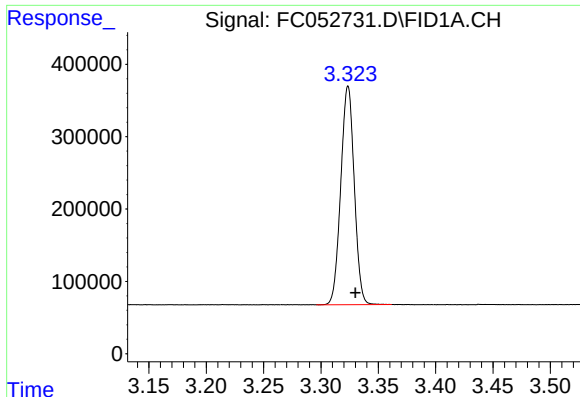
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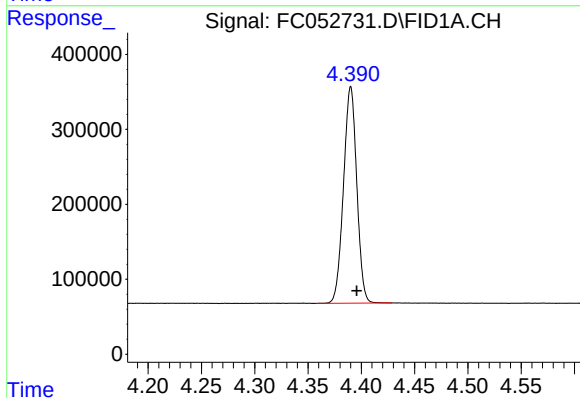




#1 n-Nonane (C9)

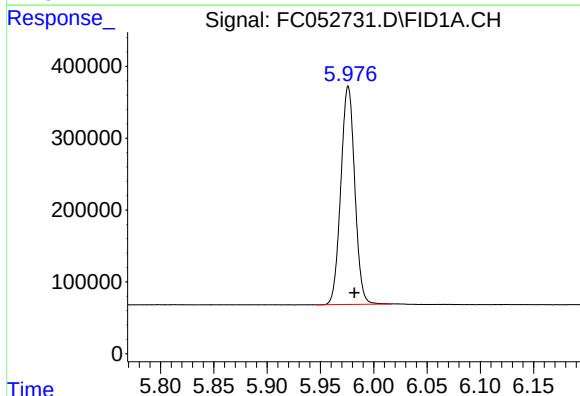
R.T.: 3.324 min
Delta R.T.: -0.006 min
Response: 2474173
Conc: 21.30 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



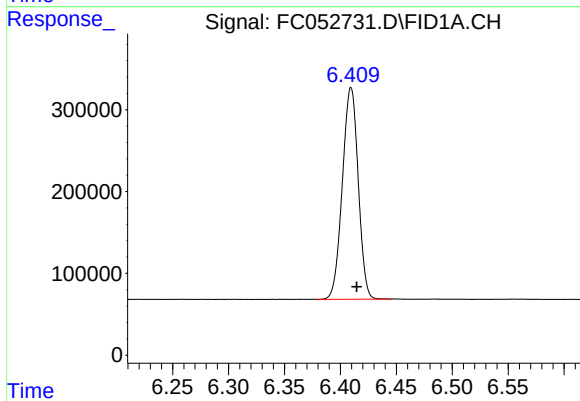
#2 n-Decane (C10)

R.T.: 4.390 min
Delta R.T.: -0.006 min
Response: 2503623
Conc: 21.36 ug/ml



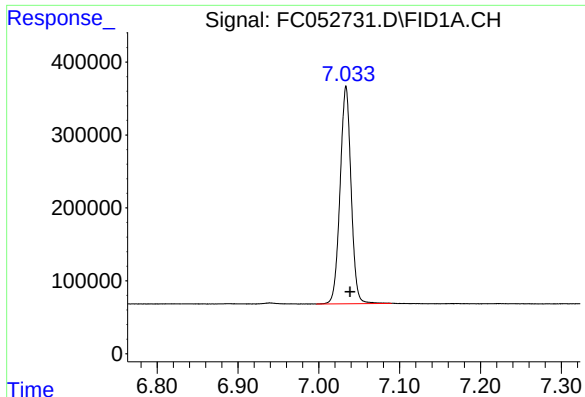
#3 A~Naphthalene (C11.7)

R.T.: 5.976 min
Delta R.T.: -0.006 min
Response: 2766343
Conc: 21.13 ug/ml



#4 n-Dodecane (C12)

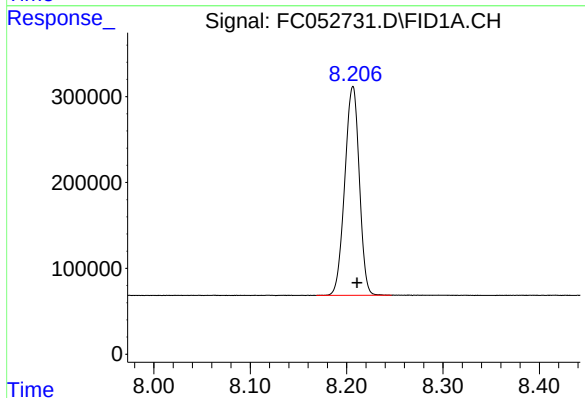
R.T.: 6.410 min
Delta R.T.: -0.005 min
Response: 2554314
Conc: 21.27 ug/ml



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

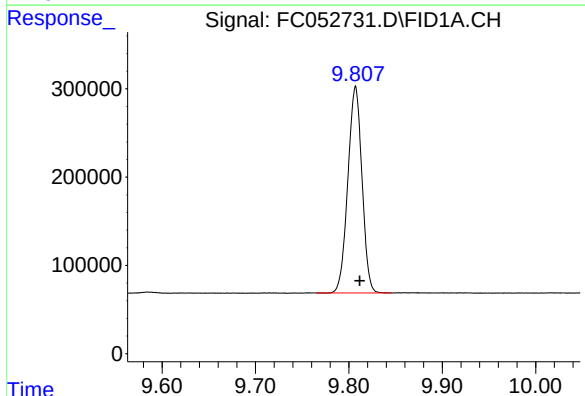
R.T.: 7.034 min
Delta R.T.: -0.005 min
Response: 2820255
Conc: 21.07 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



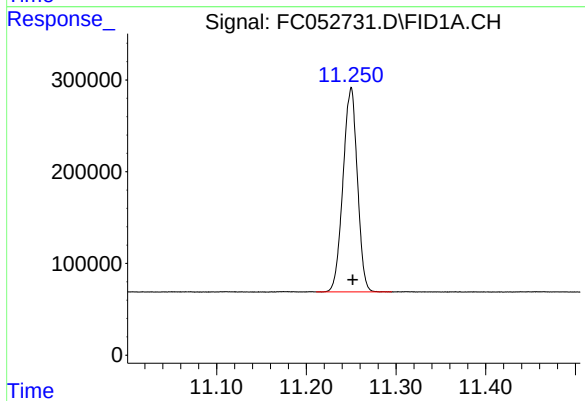
#6 n-Tetradecane (C14)

R.T.: 8.207 min
Delta R.T.: -0.004 min
Response: 2536809
Conc: 20.97 ug/ml



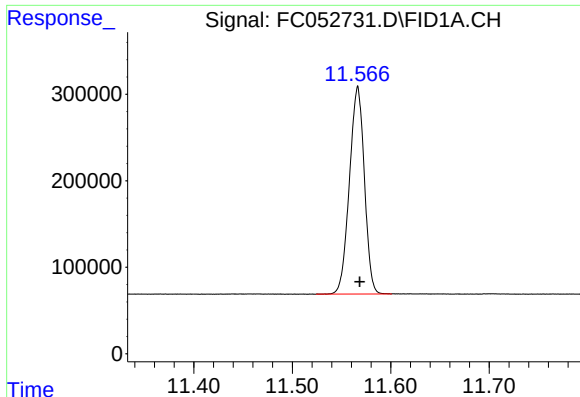
#7 n-Hexadecane (C16)

R.T.: 9.807 min
Delta R.T.: -0.004 min
Response: 2456280
Conc: 20.42 ug/ml



#8 n-Octadecane (C18)

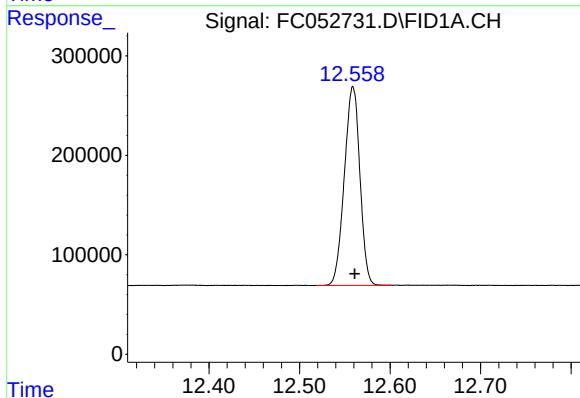
R.T.: 11.250 min
Delta R.T.: -0.002 min
Response: 2479733
Conc: 19.65 ug/ml



#9 ortho-Terphenyl (SURR)

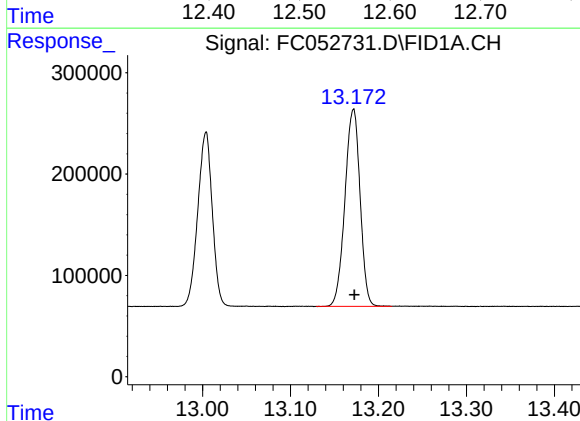
R.T.: 11.566 min
Delta R.T.: -0.002 min
Response: 2524104
Conc: 18.83 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



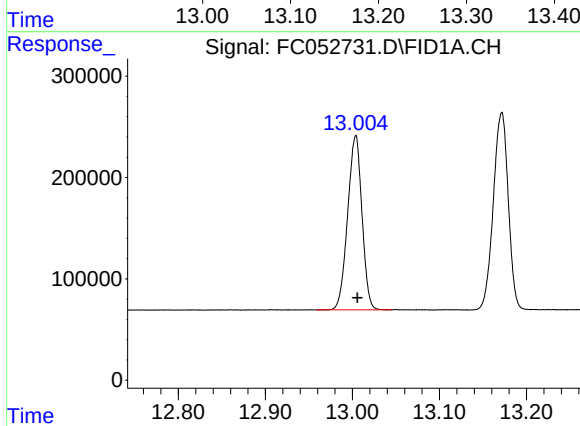
#10 n-Eicosane (C20)

R.T.: 12.559 min
Delta R.T.: -0.002 min
Response: 2387900
Conc: 18.70 ug/ml



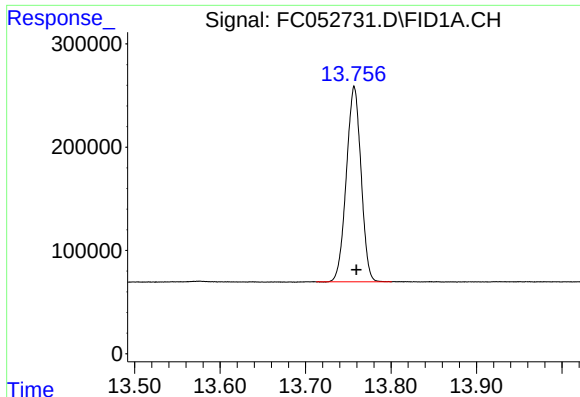
#11 n-Heneicosane (C21)

R.T.: 13.172 min
Delta R.T.: -0.001 min
Response: 2327110
Conc: 18.31 ug/ml



#12 1-chlorooctadecane (SURR)

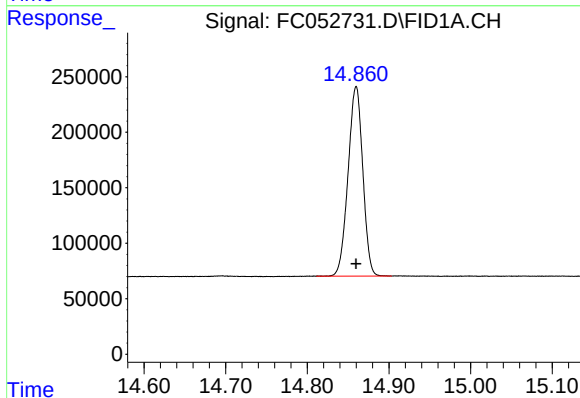
R.T.: 13.004 min
Delta R.T.: -0.002 min
Response: 1964865
Conc: 18.22 ug/ml



#13 n-Docosane (C22)

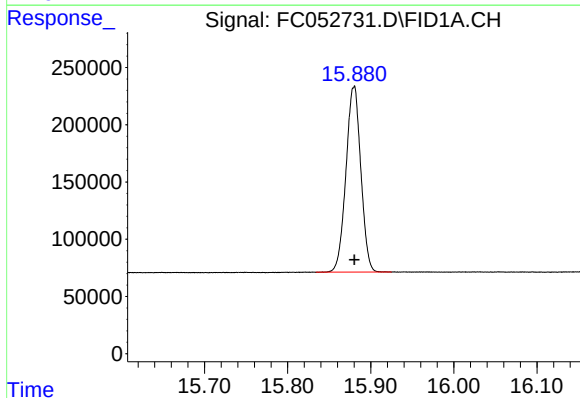
R.T.: 13.757 min
Delta R.T.: -0.002 min
Response: 2259515
Conc: 17.84 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



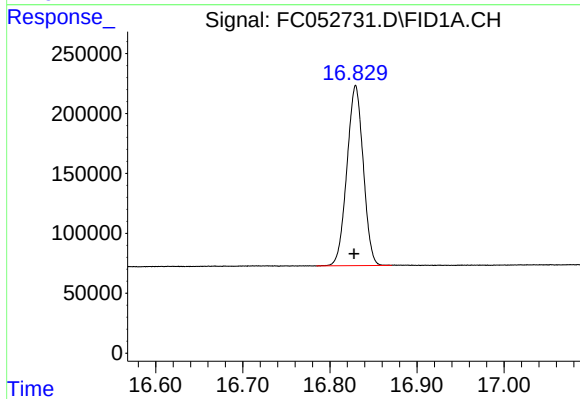
#14 n-Tetracosane (C24)

R.T.: 14.860 min
Delta R.T.: 0.000 min
Response: 2140140
Conc: 17.13 ug/ml



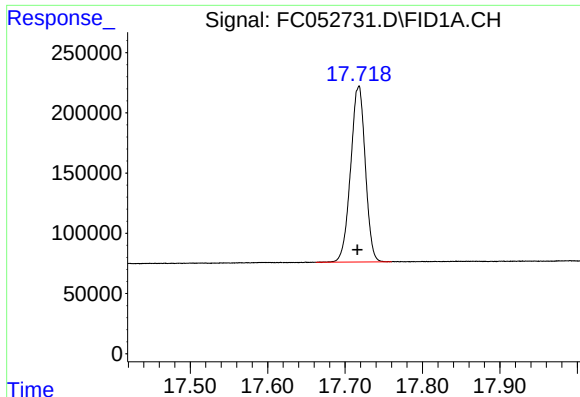
#15 n-Hexacosane (C26)

R.T.: 15.880 min
Delta R.T.: 0.000 min
Response: 2020654
Conc: 16.78 ug/ml



#16 n-Octacosane (C28)

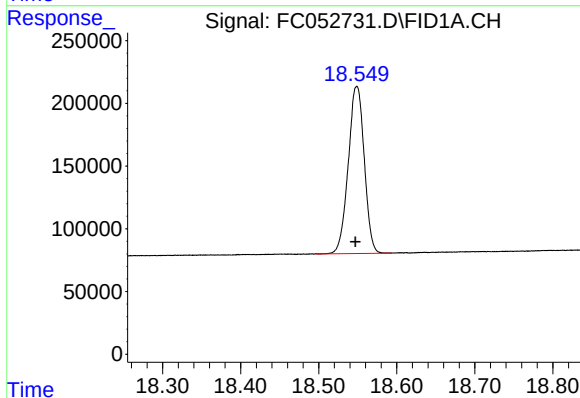
R.T.: 16.830 min
Delta R.T.: 0.002 min
Response: 1951389
Conc: 16.93 ug/ml



#17 n-Tricontane (C30)

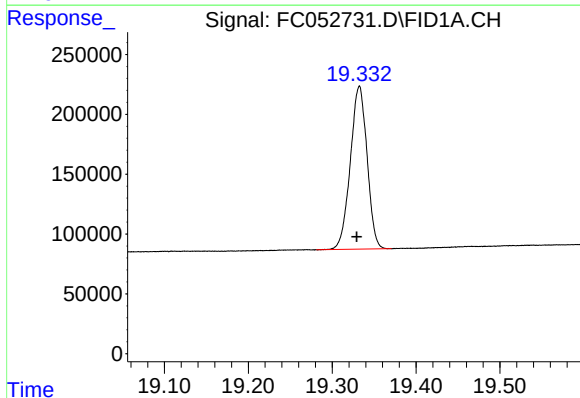
R.T.: 17.718 min
Delta R.T.: 0.002 min
Response: 1920975
Conc: 17.63 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



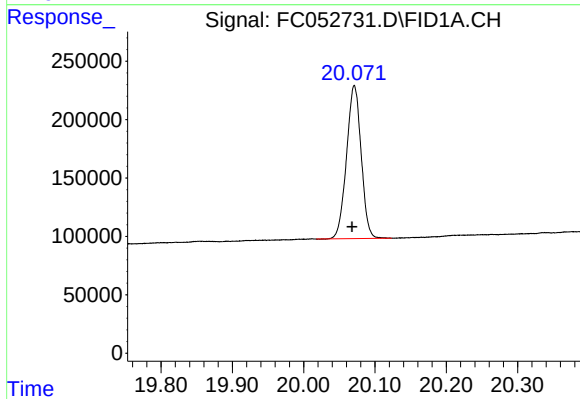
#18 n-Dotriacontane (C32)

R.T.: 18.549 min
Delta R.T.: 0.002 min
Response: 1897431
Conc: 18.91 ug/ml



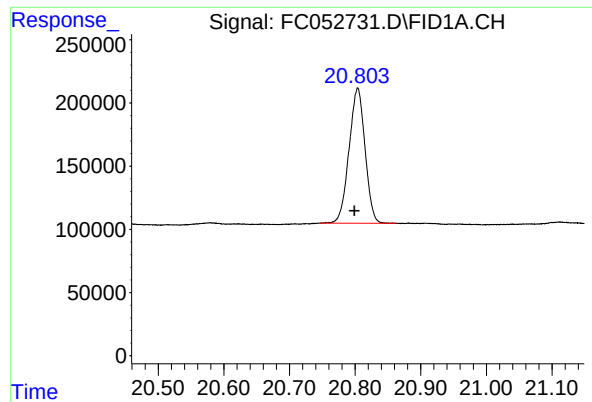
#19 n-Tetratriacontane (C34)

R.T.: 19.332 min
Delta R.T.: 0.003 min
Response: 1889244
Conc: 20.55 ug/ml



#20 n-Hexatriacontane (C36)

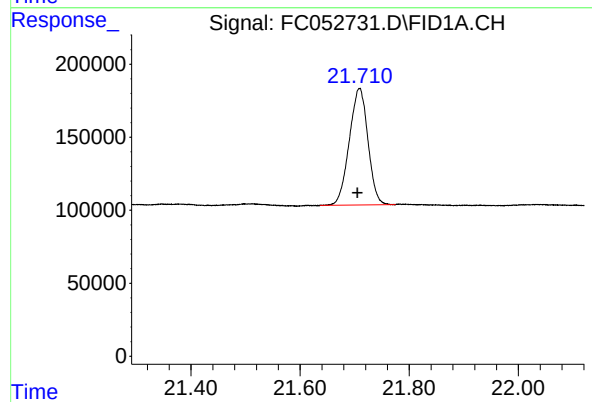
R.T.: 20.071 min
Delta R.T.: 0.003 min
Response: 1867187
Conc: 20.48 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.804 min
Delta R.T.: 0.005 min
Response: 1809118
Conc: 22.17 ug/ml

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FID_C
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#22 n-Tetracontane (C40)

R.T.: 21.709 min
Delta R.T.: 0.004 min
Response: 1897212
Conc: 22.02 ug/ml