

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC110819AL\
 Data File : FC044424.D
 Signal(s) : FID1A.CH
 Acq On : 08 Nov 2019 15:44
 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: Nov 09 02:13:35 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 102219.M
 Quant Title : GC Extractables
 QLast Update : Tue Oct 22 12:36:58 2019
 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)	11.719	2418506	16.592 ug/ml
Spiked Amount 50.000		Recovery =	33.18%
12) S 1-chlorooctadecane (S...	13.149	1810990	16.196 ug/ml
Spiked Amount 50.000		Recovery =	32.39%
Target Compounds			
1) T n-Nonane (C9)	3.450	2333403	21.183 ug/ml
2) T n-Decane (C10)	4.526	2368109	21.321 ug/ml
3) T A~Naphthalene (C11.7)	6.127	2610489	20.981 ug/ml
4) T n-Dodecane (C12)	6.552	2386121	21.217 ug/ml
5) T A~2-methylnaphthalene...	7.185	2617204	20.754 ug/ml
6) T n-Tetradecane (C14)	8.348	2362530	20.882 ug/ml
7) T n-Hexadecane (C16)	9.949	2325067	20.349 ug/ml
8) T n-Octadecane (C18)	11.392	2258653	19.727 ug/ml
10) T n-Eicosane (C20)	12.702	2178108	19.098 ug/ml
11) T n-Heneicosane (C21)	13.315	2142878	18.682 ug/ml
13) T n-Docosane (C22)	13.901	2114796	18.623 ug/ml
14) T n-Tetracosane (C24)	15.005	2095829	18.534 ug/ml
15) T n-Hexacosane (C26)	16.026	2066922	18.681 ug/ml
16) T n-Octacosane (C28)	16.978	2066837	19.080 ug/ml
17) T n-Tricontane (C30)	17.866	2069279	19.552 ug/ml
18) T n-Dotriacontane (C32)	18.702	2018613	20.044 ug/ml
19) T n-Tetratriacontane (C34)	19.487	1949629	20.793 ug/ml
20) T n-Hexatriacontane (C36)	20.227	1880946	21.667 ug/ml
21) T n-Octatriacontane (C38)	20.997	1791040	22.210 ug/ml
22) T n-Tetracontane (C40)	21.966	1821810	21.553 ug/ml

(f)=RT Delta > 1/2 Window

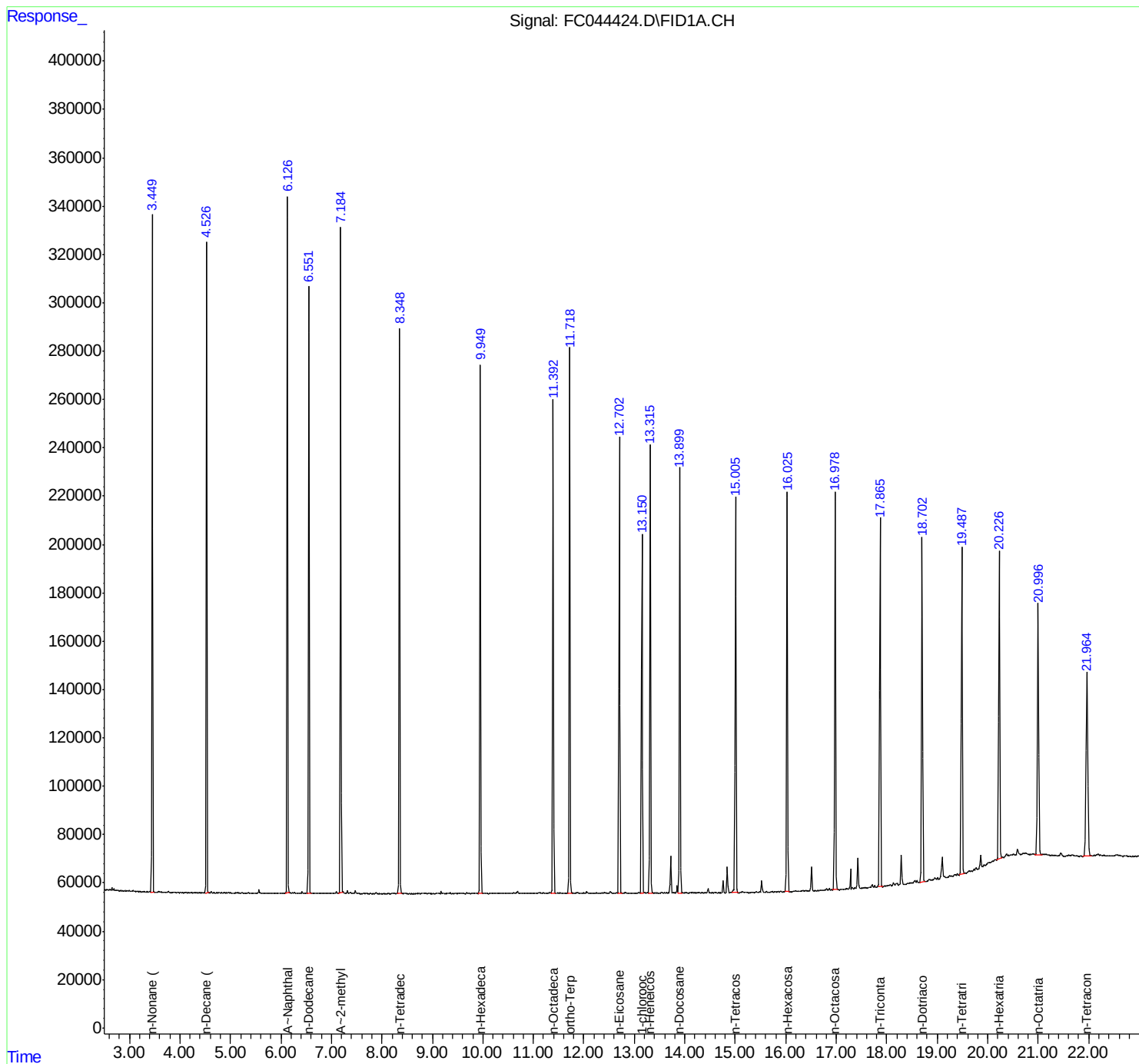
(m)=manual int.

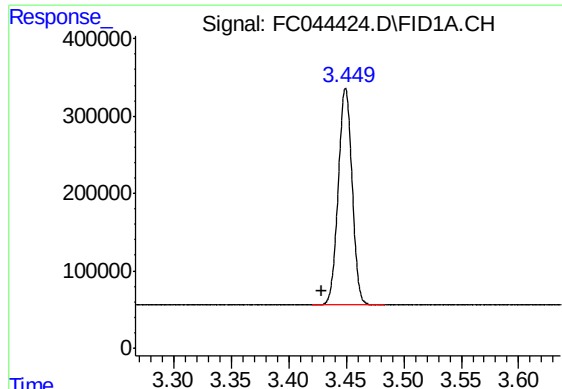
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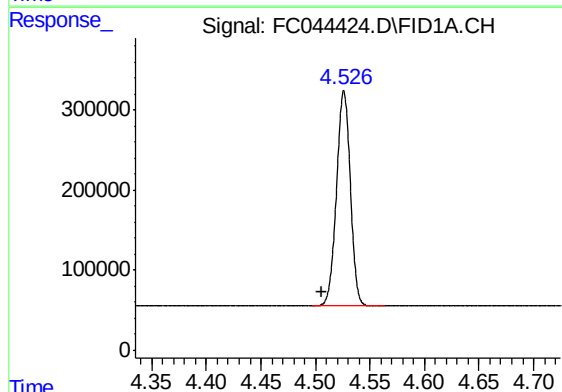




#1 n-Nonane (C9)

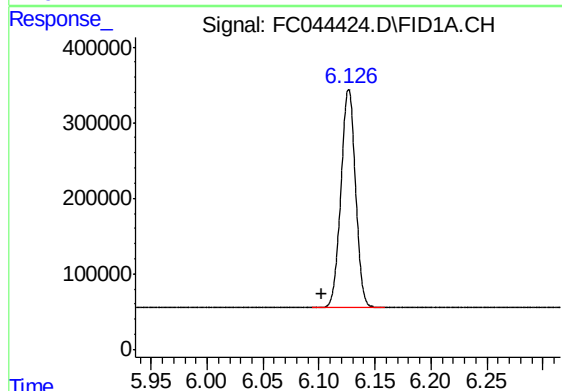
R.T.: 3.450 min
Delta R.T.: 0.021 min
Response: 2333403
Conc: 21.18 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



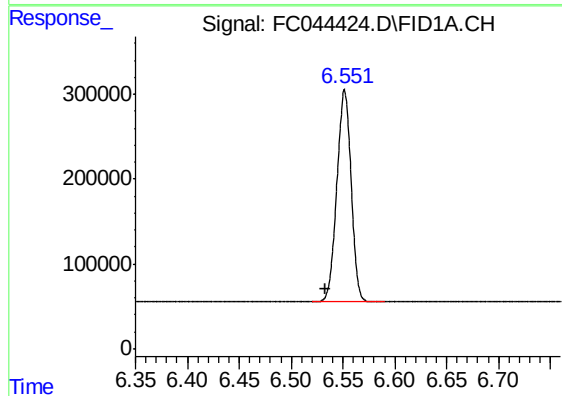
#2 n-Decane (C10)

R.T.: 4.526 min
Delta R.T.: 0.021 min
Response: 2368109
Conc: 21.32 ug/ml



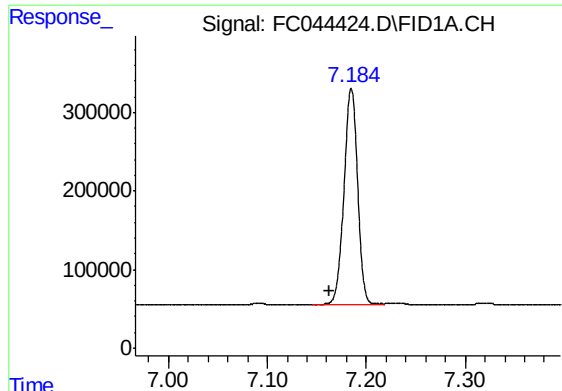
#3 A~Naphthalene (C11.7)

R.T.: 6.127 min
Delta R.T.: 0.024 min
Response: 2610489
Conc: 20.98 ug/ml



#4 n-Dodecane (C12)

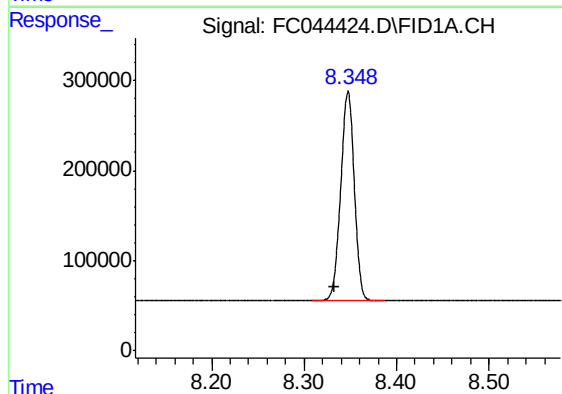
R.T.: 6.552 min
Delta R.T.: 0.018 min
Response: 2386121
Conc: 21.22 ug/ml



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

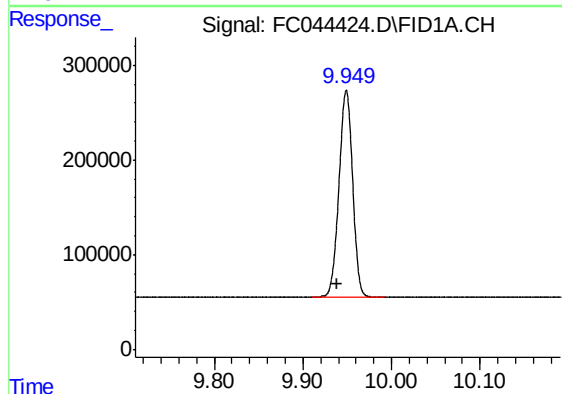
R.T.: 7.185 min
Delta R.T.: 0.022 min
Response: 2617204
Conc: 20.75 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



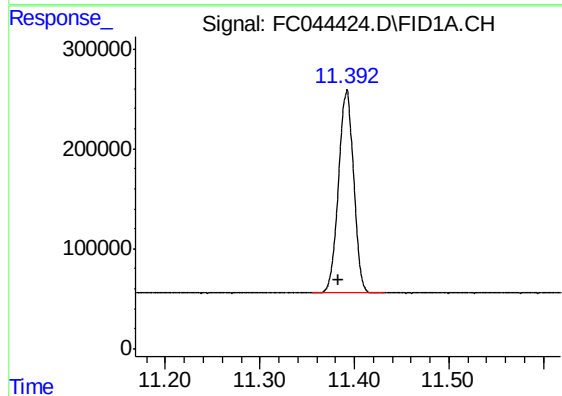
#6 n-Tetradecane (C14)

R.T.: 8.348 min
Delta R.T.: 0.015 min
Response: 2362530
Conc: 20.88 ug/ml



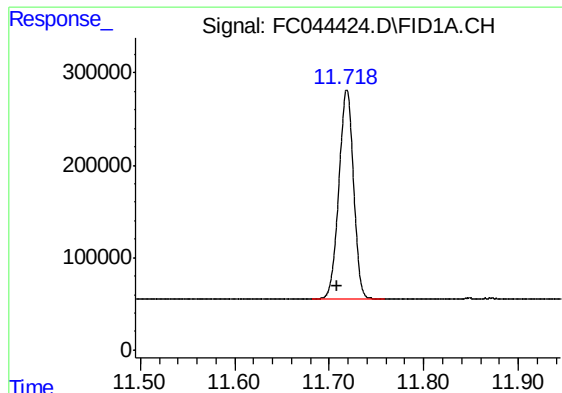
#7 n-Hexadecane (C16)

R.T.: 9.949 min
Delta R.T.: 0.011 min
Response: 2325067
Conc: 20.35 ug/ml



#8 n-Octadecane (C18)

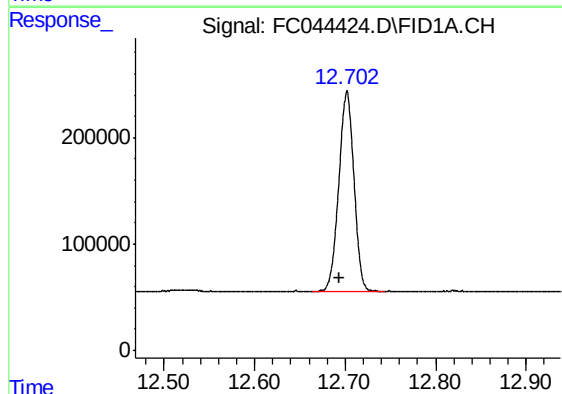
R.T.: 11.392 min
Delta R.T.: 0.009 min
Response: 2258653
Conc: 19.73 ug/ml



#9 ortho-Terphenyl (SURR)

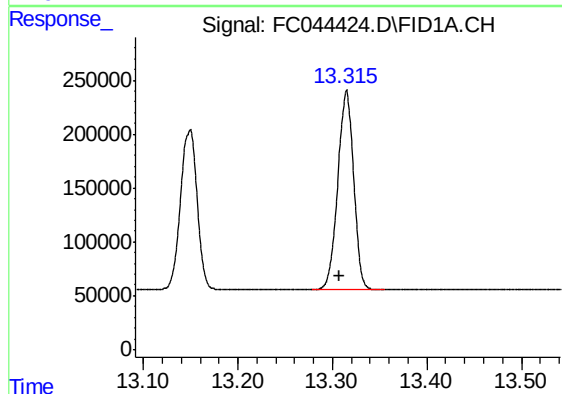
R.T.: 11.719 min
Delta R.T.: 0.010 min
Response: 2418506
Conc: 16.59 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



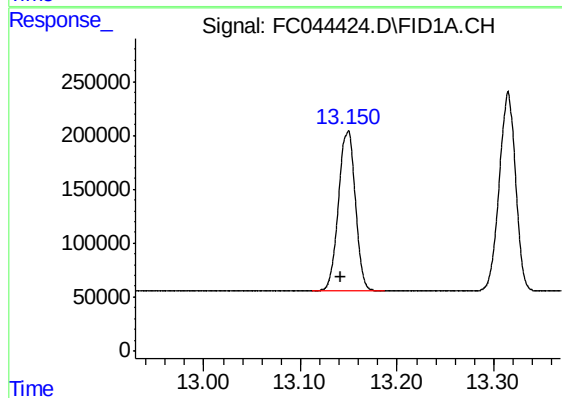
#10 n-Eicosane (C20)

R.T.: 12.702 min
Delta R.T.: 0.008 min
Response: 2178108
Conc: 19.10 ug/ml



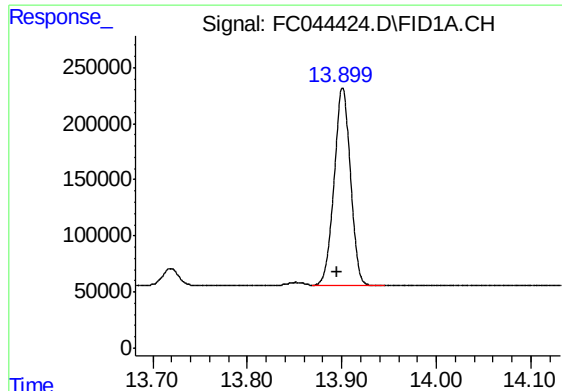
#11 n-Heneicosane (C21)

R.T.: 13.315 min
Delta R.T.: 0.007 min
Response: 2142878
Conc: 18.68 ug/ml



#12 1-chlorooctadecane (SURR)

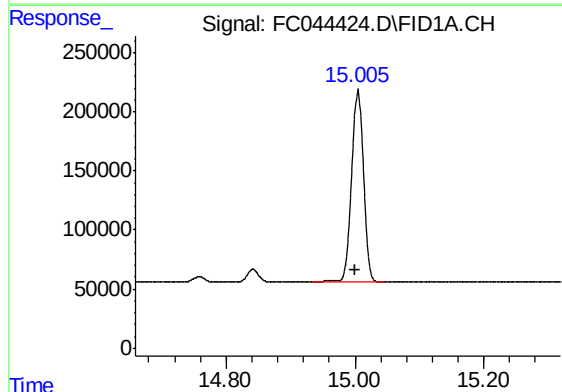
R.T.: 13.149 min
Delta R.T.: 0.007 min
Response: 1810990
Conc: 16.20 ug/ml



#13 n-Docosane (C22)

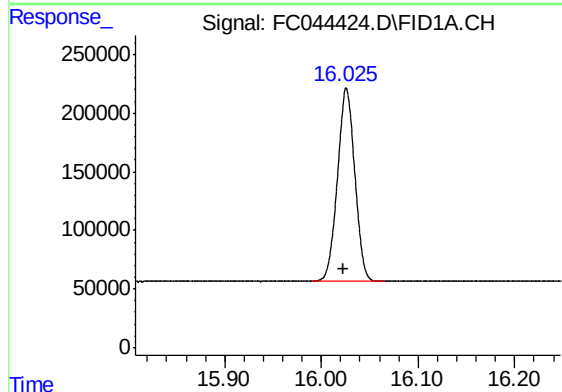
R.T.: 13.901 min
Delta R.T.: 0.006 min
Response: 2114796
Conc: 18.62 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



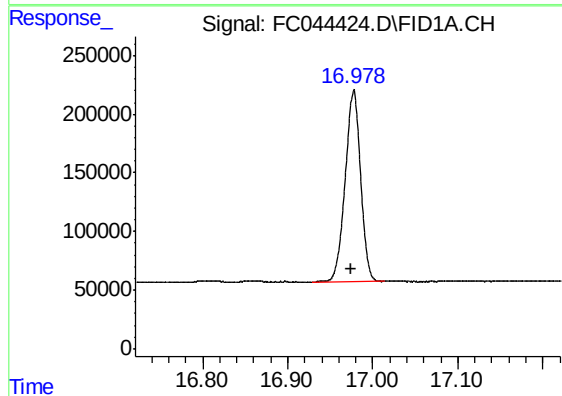
#14 n-Tetracosane (C24)

R.T.: 15.005 min
Delta R.T.: 0.004 min
Response: 2095829
Conc: 18.53 ug/ml



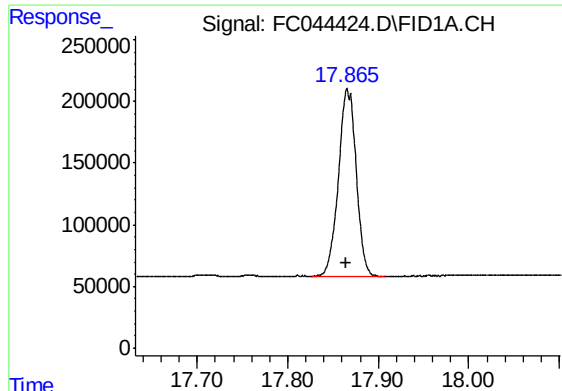
#15 n-Hexacosane (C26)

R.T.: 16.026 min
Delta R.T.: 0.003 min
Response: 2066922
Conc: 18.68 ug/ml



#16 n-Octacosane (C28)

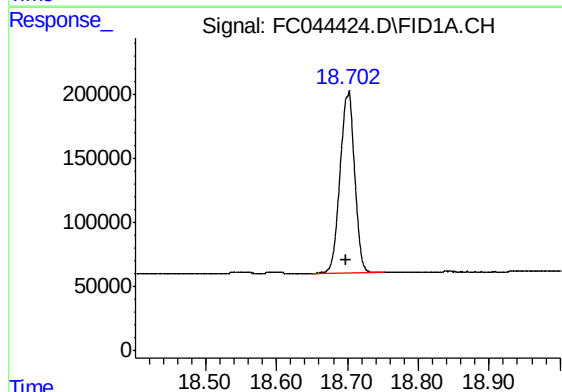
R.T.: 16.978 min
Delta R.T.: 0.003 min
Response: 2066837
Conc: 19.08 ug/ml



#17 n-Tricontane (C30)

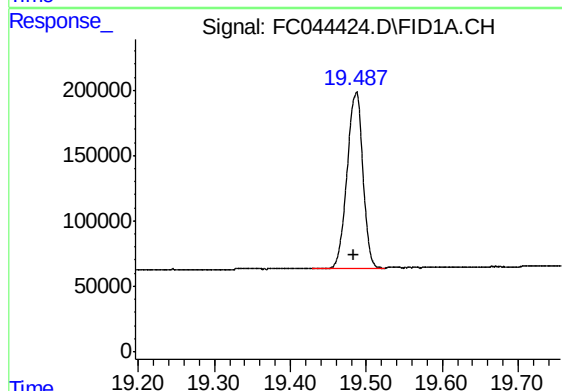
R.T.: 17.866 min
Delta R.T.: 0.002 min
Response: 2069279
Conc: 19.55 ug/ml

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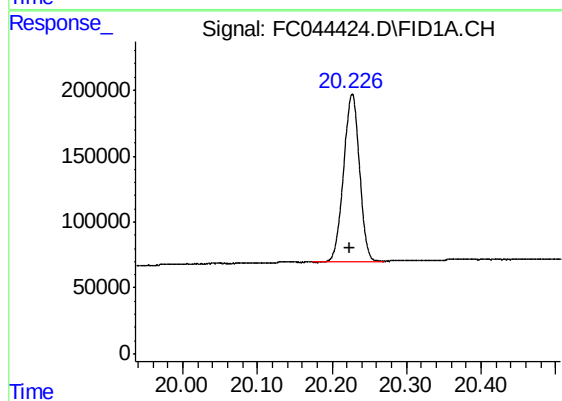
#18 n-Dotriacontane (C32)

R.T.: 18.702 min
Delta R.T.: 0.003 min
Response: 2018613
Conc: 20.04 ug/ml



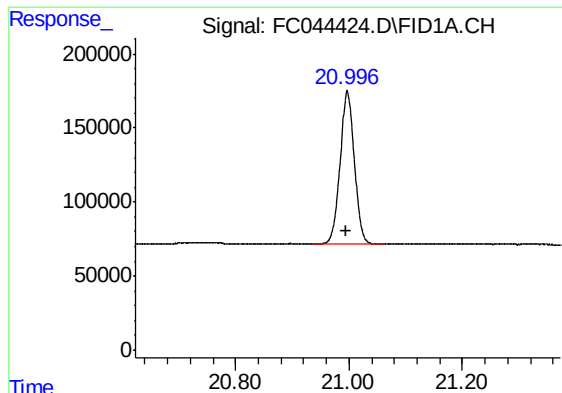
#19 n-Tetratriacontane (C34)

R.T.: 19.487 min
Delta R.T.: 0.003 min
Response: 1949629
Conc: 20.79 ug/ml



#20 n-Hexatriacontane (C36)

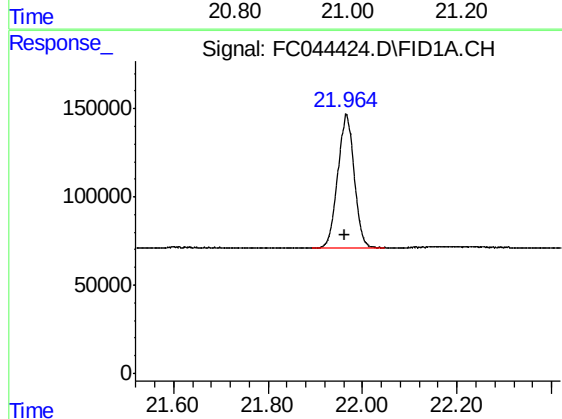
R.T.: 20.227 min
Delta R.T.: 0.004 min
Response: 1880946
Conc: 21.67 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.997 min
Delta R.T.: 0.003 min
Response: 1791040
Conc: 22.21 ug/ml

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20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 21.966 min
Delta R.T.: 0.004 min
Response: 1821810
Conc: 21.55 ug/ml