

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC051320AL\
 Data File : FC047394.D
 Signal(s) : FID1A.CH
 Acq On : 13 May 2020 7:18
 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: May 14 01:56:32 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 050820.M
 Quant Title : GC Extractables
 QLast Update : Fri May 08 16:49:27 2020
 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)	11.741	2302730	19.263 ug/ml
Spiked Amount 50.000		Recovery =	38.53%
12) S 1-chlorooctadecane (S...	13.153	1866819	19.033 ug/ml
Spiked Amount 50.000		Recovery =	38.07%
Target Compounds			
1) T n-Nonane (C9)	3.547	2055533	20.276 ug/ml
2) T n-Decane (C10)	4.611	2087225	20.425 ug/ml
3) T A~Naphthalene (C11.7)	6.210	2129520	20.451 ug/ml
4) T n-Dodecane (C12)	6.612	2150819	20.363 ug/ml
5) T A~2-methylnaphthalene...	7.257	2127890	20.263 ug/ml
6) T n-Tetradecane (C14)	8.389	2149894	20.325 ug/ml
7) T n-Hexadecane (C16)	9.977	2107404	19.917 ug/ml
8) T n-Octadecane (C18)	11.407	2191159	19.568 ug/ml
10) T n-Eicosane (C20)	12.708	2187107	19.221 ug/ml
11) T n-Heneicosane (C21)	13.314	2168973	19.078 ug/ml
13) T n-Docosane (C22)	13.896	2145798	18.883 ug/ml
14) T n-Tetracosane (C24)	14.992	2115756	18.699 ug/ml
15) T n-Hexacosane (C26)	16.006	2047790	18.283 ug/ml
16) T n-Octacosane (C28)	16.950	2000616	17.937 ug/ml
17) T n-Tricontane (C30)	17.831	1919220	17.751 ug/ml
18) T n-Dotriacontane (C32)	18.659	1735808	17.602 ug/ml
19) T n-Tetratriacontane (C34)	19.438	1609318	17.545 ug/ml
20) T n-Hexatriacontane (C36)	20.172	1540742	17.766 ug/ml
21) T n-Octatriacontane (C38)	20.925	1477522	18.312 ug/ml
22) T n-Tetracontane (C40)	21.870	1506836	18.529 ug/ml

(f)=RT Delta > 1/2 Window

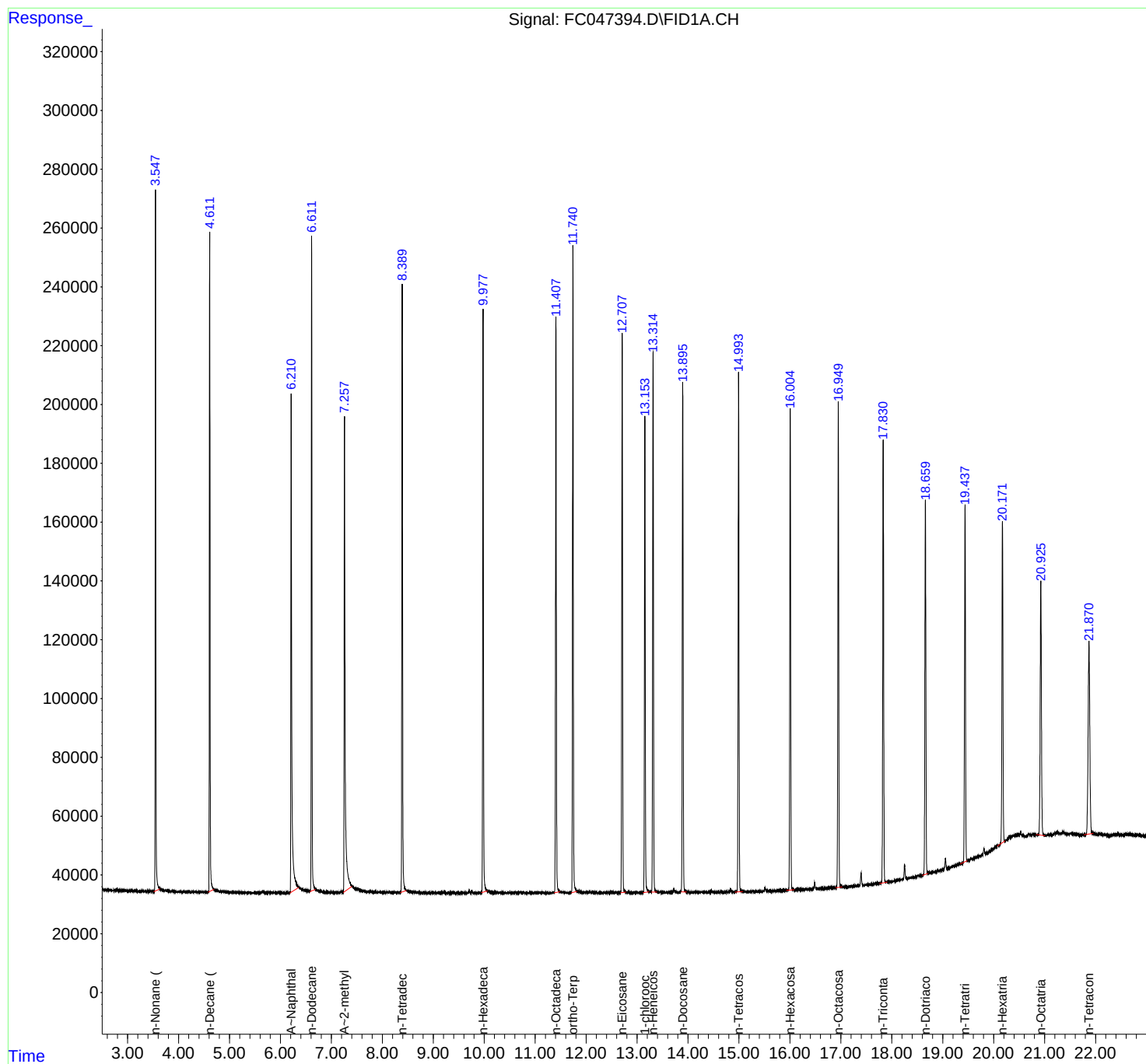
(m)=manual int.

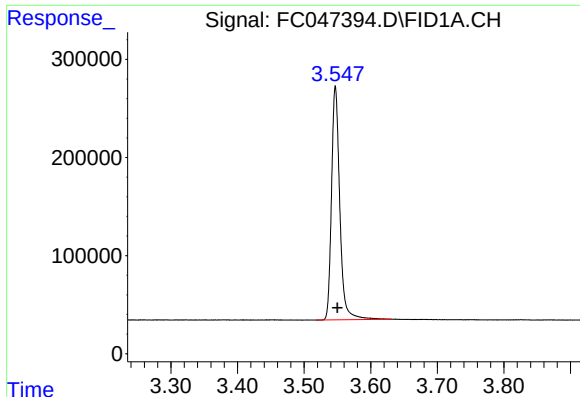
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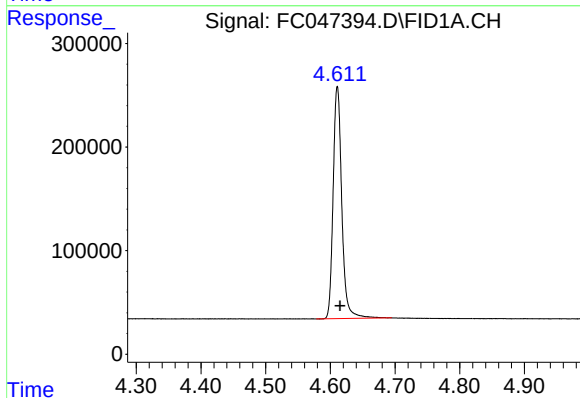




#1 n-Nonane (C9)

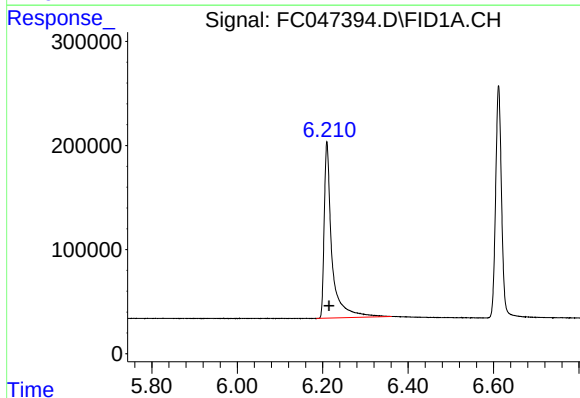
R.T.: 3.547 min
Delta R.T.: -0.003 min
Response: 2055533
Conc: 20.28 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



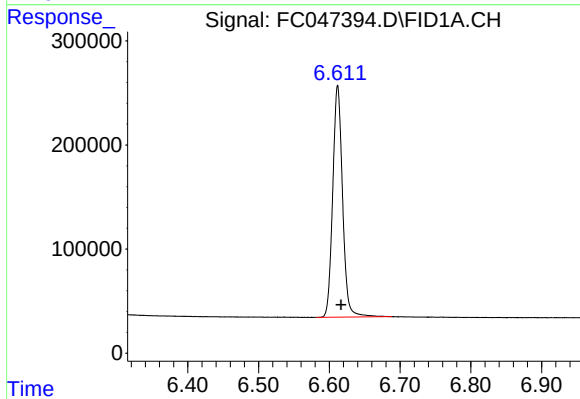
#2 n-Decane (C10)

R.T.: 4.611 min
Delta R.T.: -0.004 min
Response: 2087225
Conc: 20.43 ug/ml



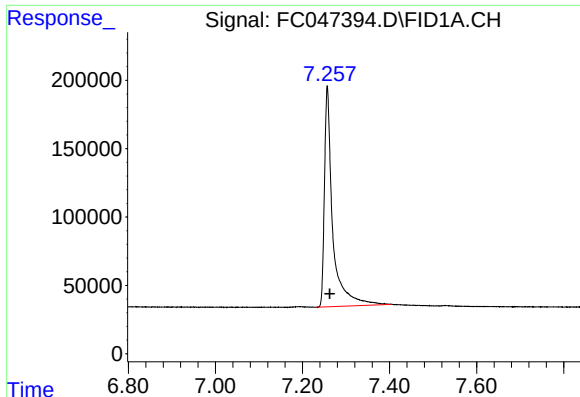
#3 A~Naphthalene (C11.7)

R.T.: 6.210 min
Delta R.T.: -0.004 min
Response: 2129520
Conc: 20.45 ug/ml



#4 n-Dodecane (C12)

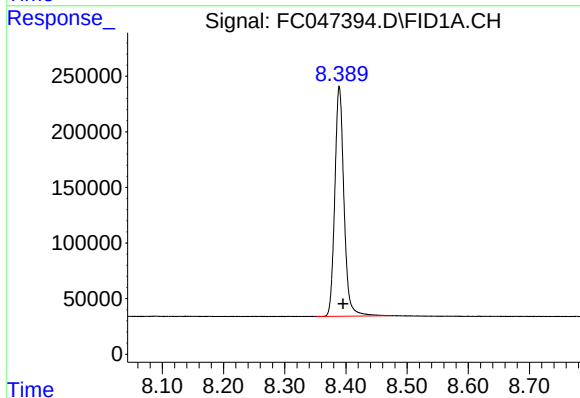
R.T.: 6.612 min
Delta R.T.: -0.005 min
Response: 2150819
Conc: 20.36 ug/ml



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

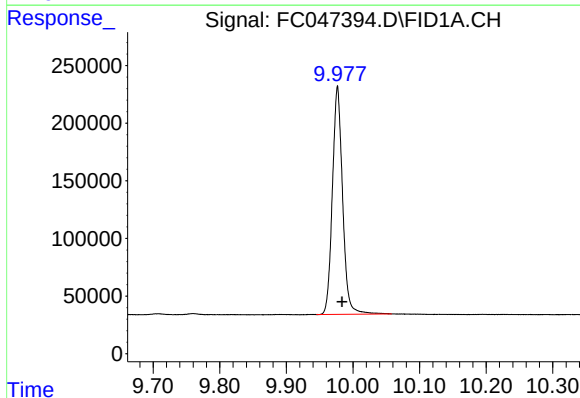
R.T.: 7.257 min
Delta R.T.: -0.005 min
Response: 2127890
Conc: 20.26 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



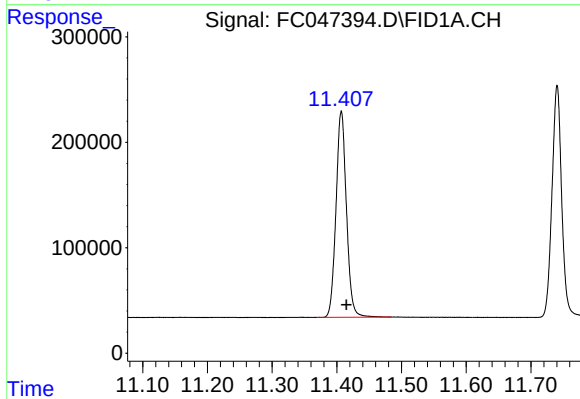
#6 n-Tetradecane (C14)

R.T.: 8.389 min
Delta R.T.: -0.006 min
Response: 2149894
Conc: 20.33 ug/ml



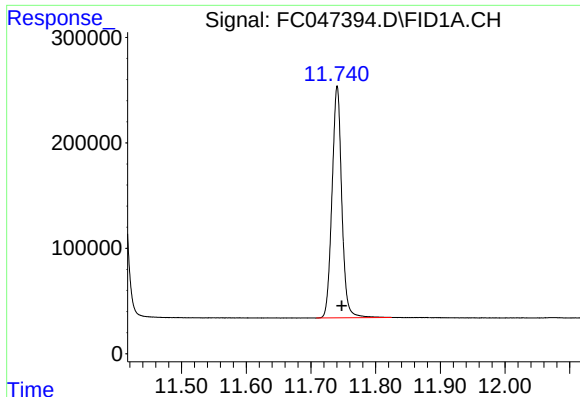
#7 n-Hexadecane (C16)

R.T.: 9.977 min
Delta R.T.: -0.007 min
Response: 2107404
Conc: 19.92 ug/ml



#8 n-Octadecane (C18)

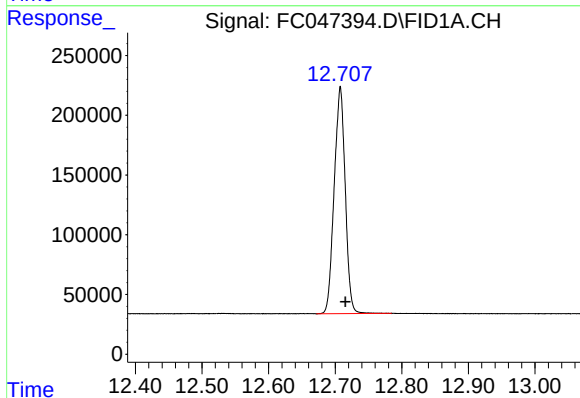
R.T.: 11.407 min
Delta R.T.: -0.008 min
Response: 2191159
Conc: 19.57 ug/ml



#9 ortho-Terphenyl (SURR)

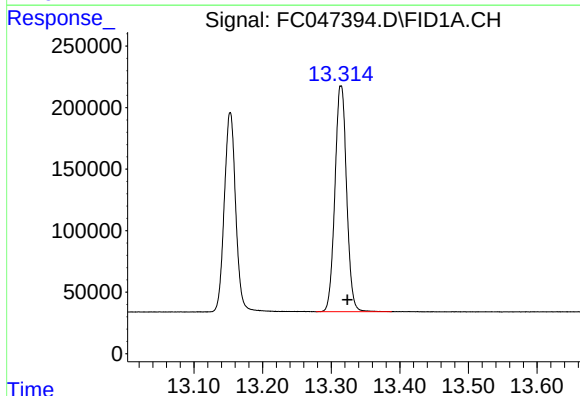
R.T.: 11.741 min
Delta R.T.: -0.007 min
Response: 2302730
Conc: 19.26 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



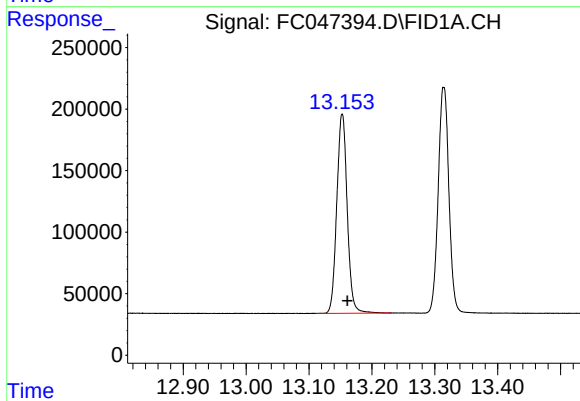
#10 n-Eicosane (C20)

R.T.: 12.708 min
Delta R.T.: -0.008 min
Response: 2187107
Conc: 19.22 ug/ml



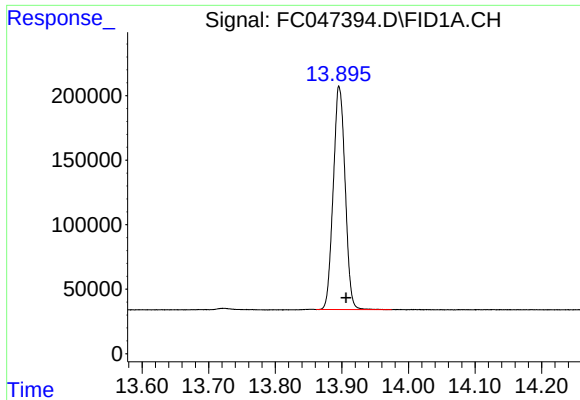
#11 n-Heneicosane (C21)

R.T.: 13.314 min
Delta R.T.: -0.009 min
Response: 2168973
Conc: 19.08 ug/ml



#12 1-chlorooctadecane (SURR)

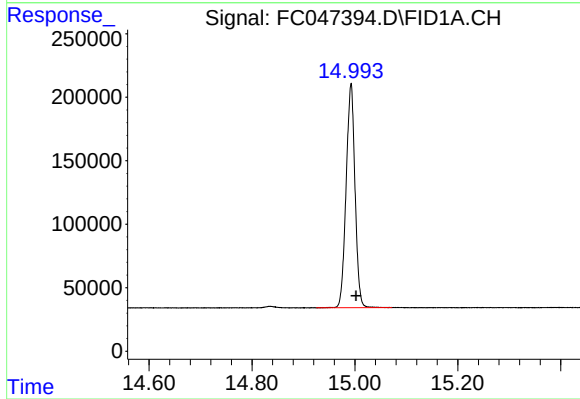
R.T.: 13.153 min
Delta R.T.: -0.008 min
Response: 1866819
Conc: 19.03 ug/ml



#13 n-Docosane (C22)

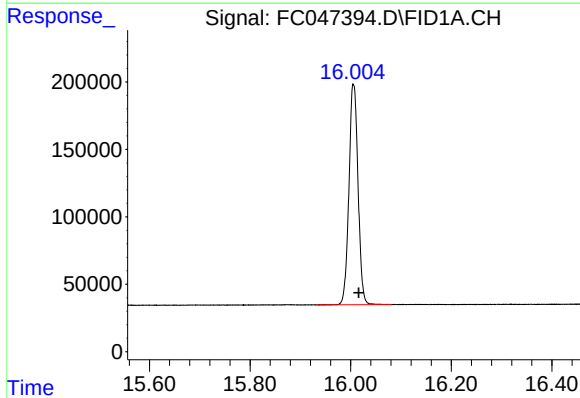
R.T.: 13.896 min
Delta R.T.: -0.010 min
Response: 2145798
Conc: 18.88 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



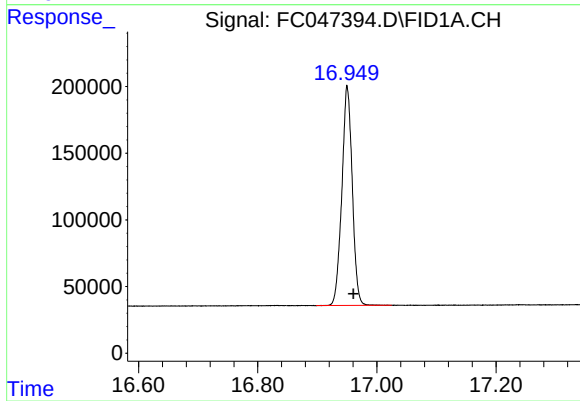
#14 n-Tetracosane (C24)

R.T.: 14.992 min
Delta R.T.: -0.010 min
Response: 2115756
Conc: 18.70 ug/ml



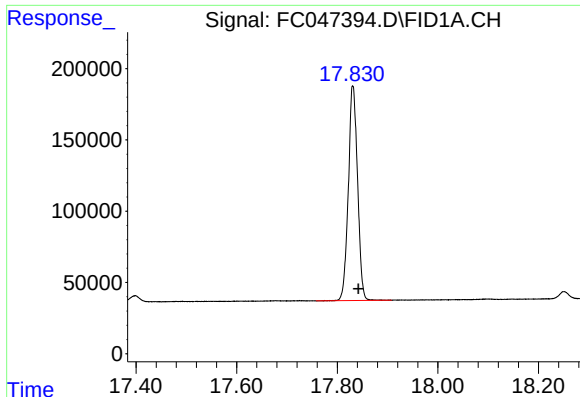
#15 n-Hexacosane (C26)

R.T.: 16.006 min
Delta R.T.: -0.010 min
Response: 2047790
Conc: 18.28 ug/ml



#16 n-Octacosane (C28)

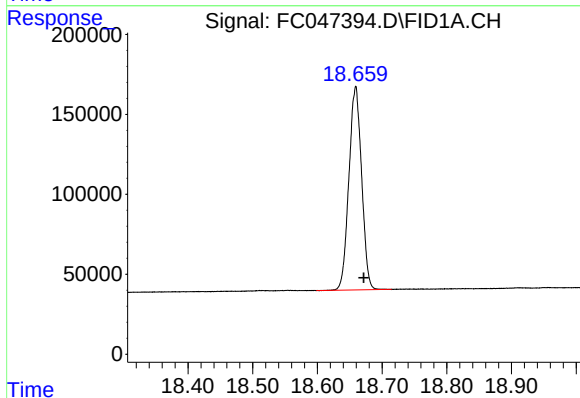
R.T.: 16.950 min
Delta R.T.: -0.010 min
Response: 2000616
Conc: 17.94 ug/ml



#17 n-Tricontane (C30)

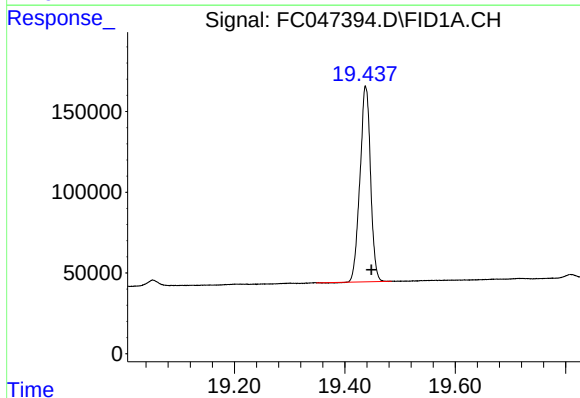
R.T.: 17.831 min
Delta R.T.: -0.011 min
Response: 1919220
Conc: 17.75 ug/ml

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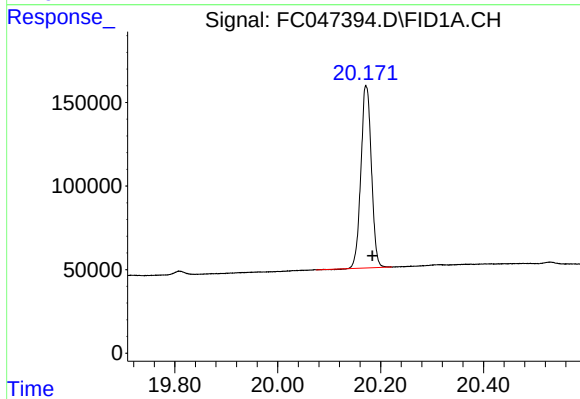
#18 n-Dotriacontane (C32)

R.T.: 18.659 min
Delta R.T.: -0.013 min
Response: 1735808
Conc: 17.60 ug/ml



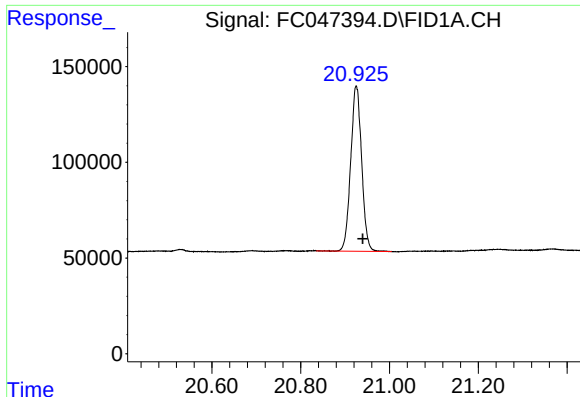
#19 n-Tetratriacontane (C34)

R.T.: 19.438 min
Delta R.T.: -0.010 min
Response: 1609318
Conc: 17.55 ug/ml



#20 n-Hexatriacontane (C36)

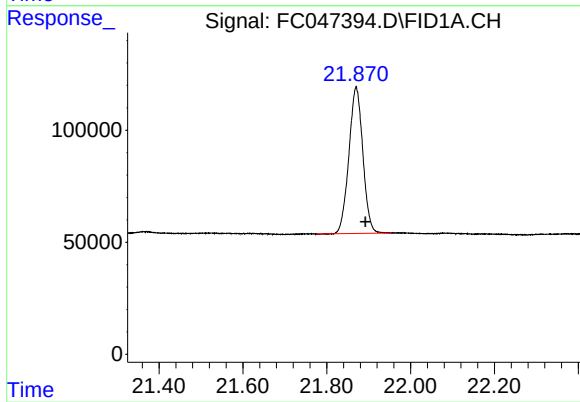
R.T.: 20.172 min
Delta R.T.: -0.012 min
Response: 1540742
Conc: 17.77 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.925 min
Delta R.T.: -0.015 min
Response: 1477522
Conc: 18.31 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.870 min
Delta R.T.: -0.022 min
Response: 1506836
Conc: 18.53 ug/ml