

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC090321AL\
 Data File : FC055525.D
 Signal(s) : FID1A.CH
 Acq On : 03 Sep 2021 21:00
 Operator : AJ\MA
 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: Sep 03 22:48:41 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 083021.M
 Quant Title : GC Extractables
 QLast Update : Tue Aug 31 01:45:39 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)	11.654	2515169	20.133 ug/ml
Spiked Amount 50.000		Recovery =	40.27%
12) S 1-chlorooctadecane (S...	13.088	1939082	19.593 ug/ml
Spiked Amount 50.000		Recovery =	39.19%
Target Compounds			
1) T n-Nonane (C9)	3.401	2408958	22.286 ug/ml
2) T n-Decane (C10)	4.470	2470658	22.658 ug/ml
3) T A~Naphthalene (C11.7)	6.061	2764010	22.431 ug/ml
4) T n-Dodecane (C12)	6.491	2478168	22.633 ug/ml
5) T A~2-methylnaphthalene...	7.119	2774636	22.296 ug/ml
6) T n-Tetradecane (C14)	8.288	2485073	22.312 ug/ml
7) T n-Hexadecane (C16)	9.890	2457048	21.741 ug/ml
8) T n-Octadecane (C18)	11.333	2449301	21.037 ug/ml
10) T n-Eicosane (C20)	12.642	2344171	20.062 ug/ml
11) T n-Heneicosane (C21)	13.254	2315229	19.671 ug/ml
13) T n-Docosane (C22)	13.841	2252207	19.307 ug/ml
14) T n-Tetracosane (C24)	14.944	2135727	18.339 ug/ml
15) T n-Hexacosane (C26)	15.963	2005073	17.700 ug/ml
16) T n-Octacosane (C28)	16.912	1931227	17.453 ug/ml
17) T n-Tricontane (C30)	17.799	1898346	17.853 ug/ml
18) T n-Dotriacontane (C32)	18.630	1872957	18.688 ug/ml
19) T n-Tetratriacontane (C34)	19.412	1833683	19.429 ug/ml
20) T n-Hexatriacontane (C36)	20.150	1775495	20.449 ug/ml
21) T n-Octatriacontane (C38)	20.898	1748592	21.453 ug/ml
22) T n-Tetracontane (C40)	21.833	1794057	22.338 ug/ml

(f)=RT Delta > 1/2 Window

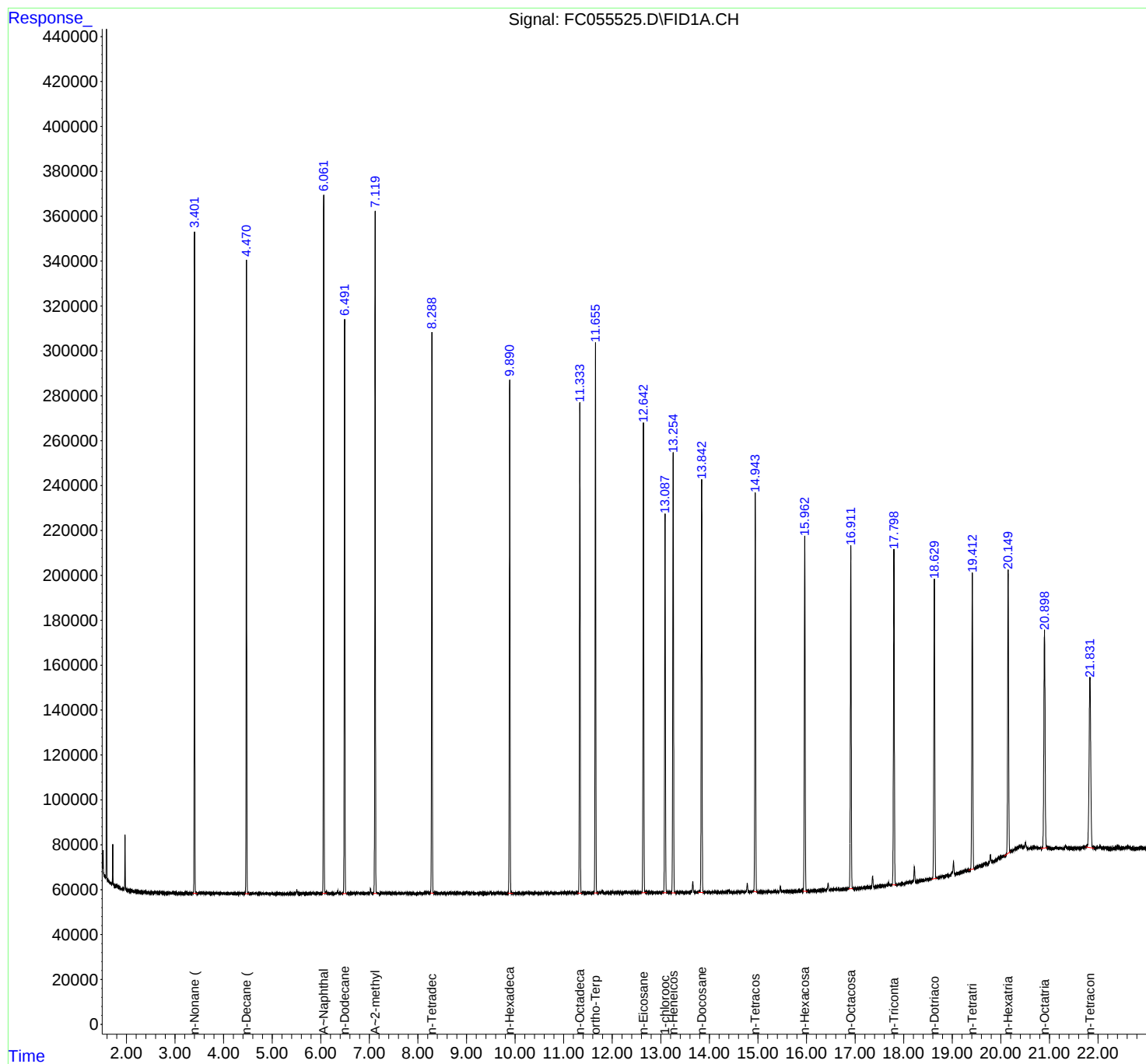
(m)=manual int.

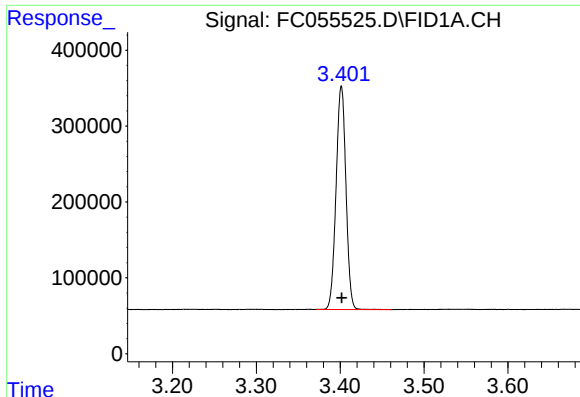
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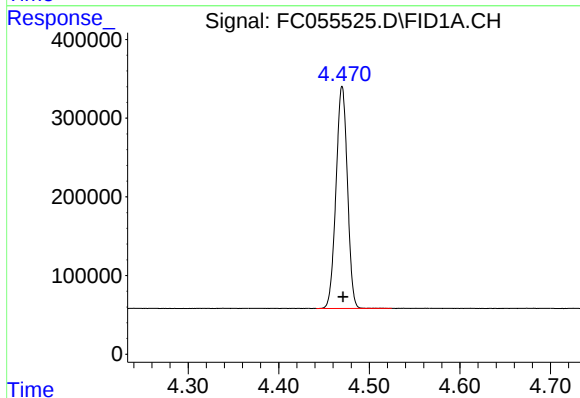




#1 n-Nonane (C9)

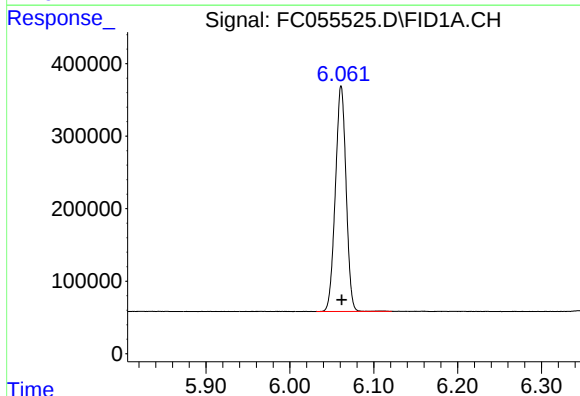
R.T.: 3.401 min
Delta R.T.: 0.000 min
Response: 2408958
Conc: 22.29 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



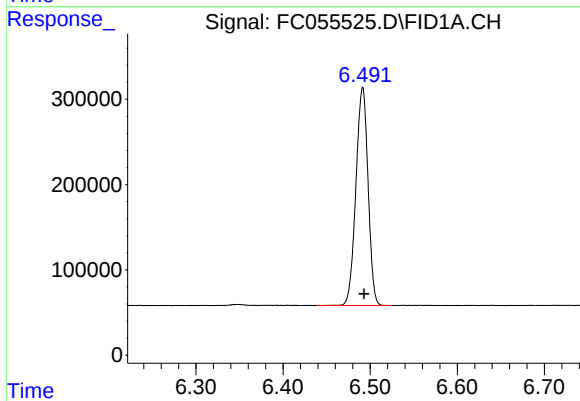
#2 n-Decane (C10)

R.T.: 4.470 min
Delta R.T.: -0.001 min
Response: 2470658
Conc: 22.66 ug/ml



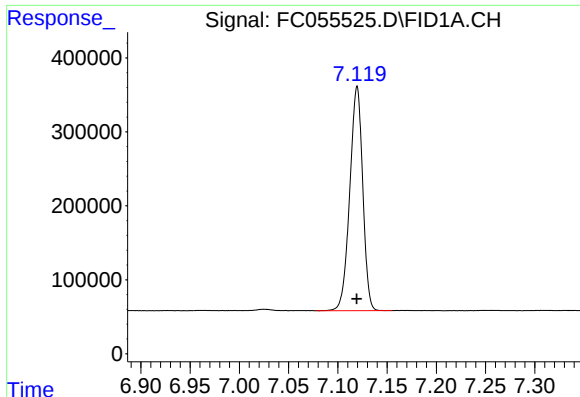
#3 A~Naphthalene (C11.7)

R.T.: 6.061 min
Delta R.T.: 0.000 min
Response: 2764010
Conc: 22.43 ug/ml



#4 n-Dodecane (C12)

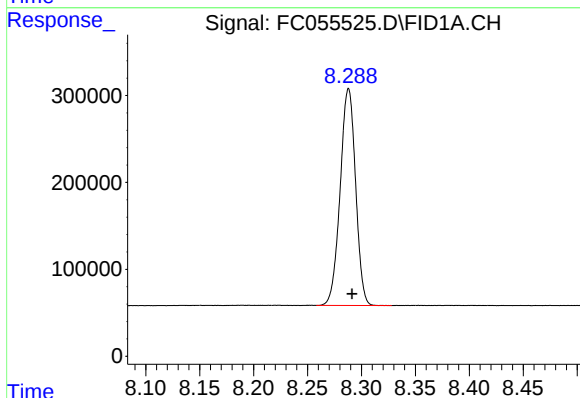
R.T.: 6.491 min
Delta R.T.: -0.002 min
Response: 2478168
Conc: 22.63 ug/ml



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

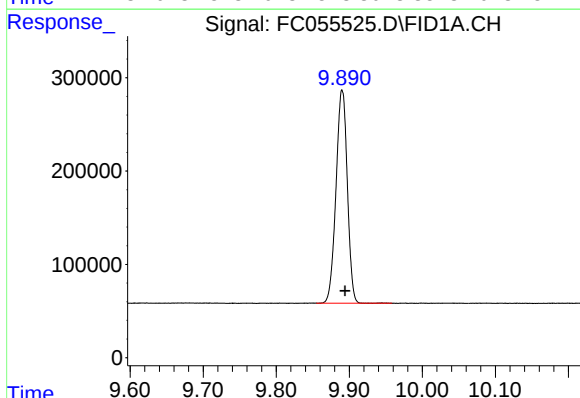
R.T.: 7.119 min
Delta R.T.: 0.000 min
Response: 2774636
Conc: 22.30 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



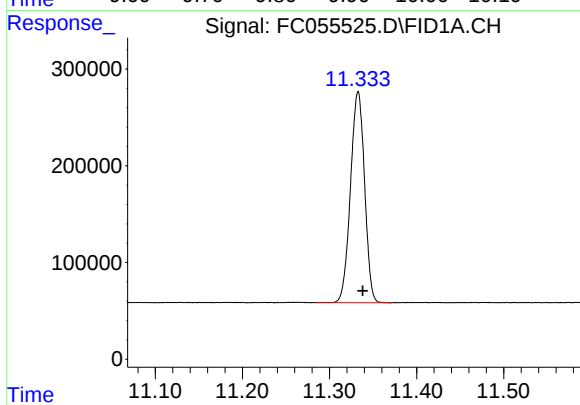
#6 n-Tetradecane (C14)

R.T.: 8.288 min
Delta R.T.: -0.003 min
Response: 2485073
Conc: 22.31 ug/ml



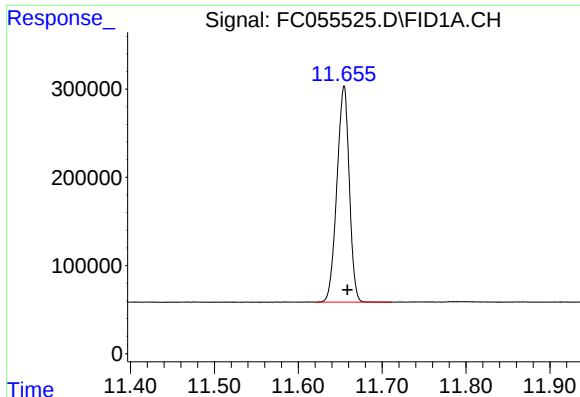
#7 n-Hexadecane (C16)

R.T.: 9.890 min
Delta R.T.: -0.004 min
Response: 2457048
Conc: 21.74 ug/ml



#8 n-Octadecane (C18)

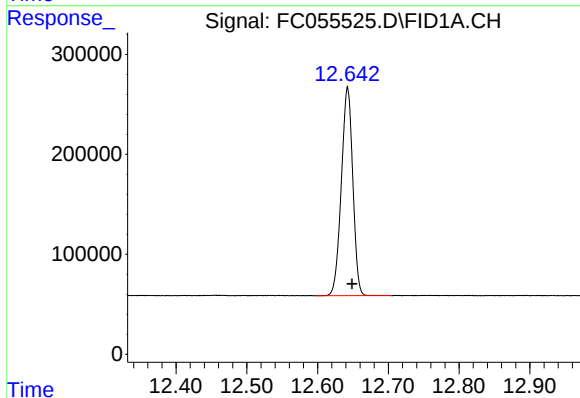
R.T.: 11.333 min
Delta R.T.: -0.005 min
Response: 2449301
Conc: 21.04 ug/ml



#9 ortho-Terphenyl (SURR)

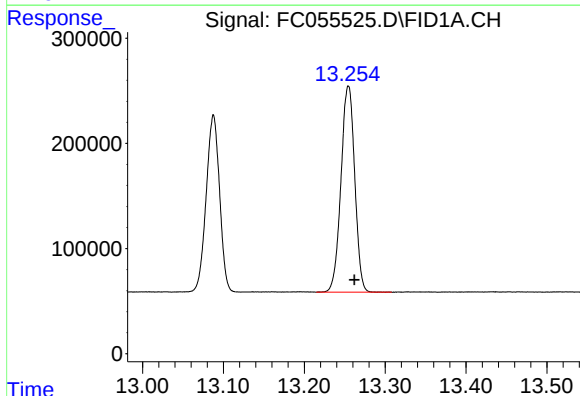
R.T.: 11.654 min
Delta R.T.: -0.004 min
Response: 2515169
Conc: 20.13 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



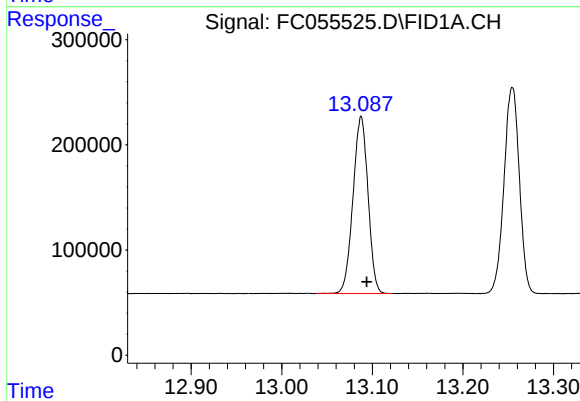
#10 n-Eicosane (C20)

R.T.: 12.642 min
Delta R.T.: -0.007 min
Response: 2344171
Conc: 20.06 ug/ml



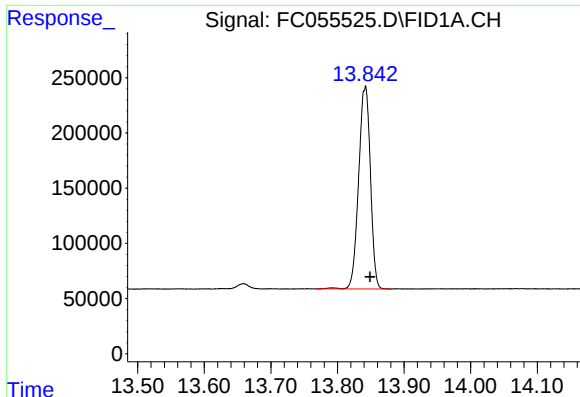
#11 n-Heneicosane (C21)

R.T.: 13.254 min
Delta R.T.: -0.008 min
Response: 2315229
Conc: 19.67 ug/ml



#12 1-chlorooctadecane (SURR)

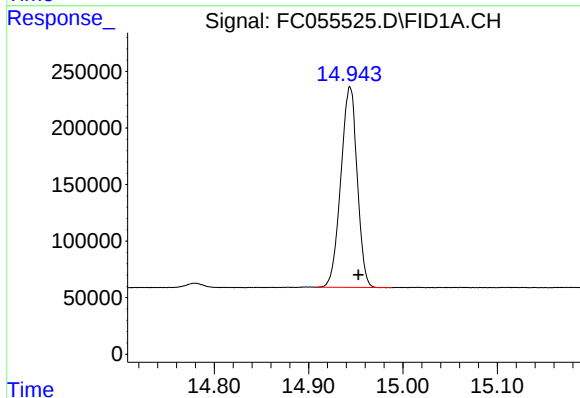
R.T.: 13.088 min
Delta R.T.: -0.006 min
Response: 1939082
Conc: 19.59 ug/ml



#13 n-Docosane (C22)

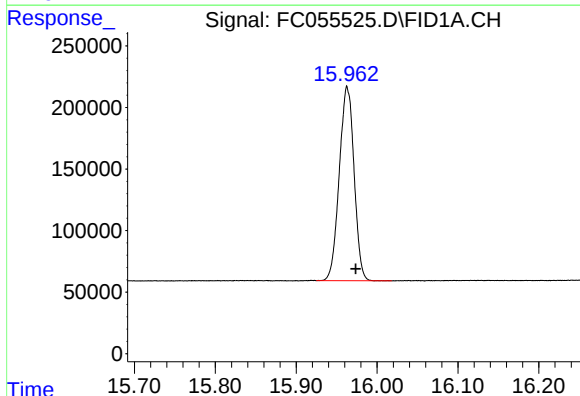
R.T.: 13.841 min
Delta R.T.: -0.007 min
Response: 2252207
Conc: 19.31 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



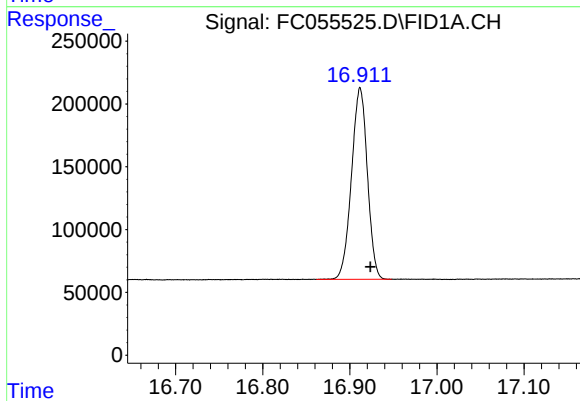
#14 n-Tetracosane (C24)

R.T.: 14.944 min
Delta R.T.: -0.009 min
Response: 2135727
Conc: 18.34 ug/ml



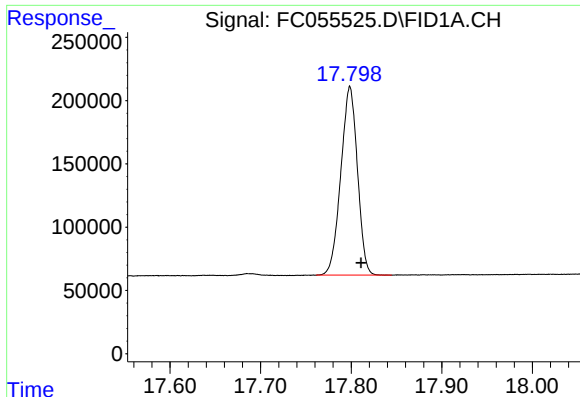
#15 n-Hexacosane (C26)

R.T.: 15.963 min
Delta R.T.: -0.010 min
Response: 2005073
Conc: 17.70 ug/ml



#16 n-Octacosane (C28)

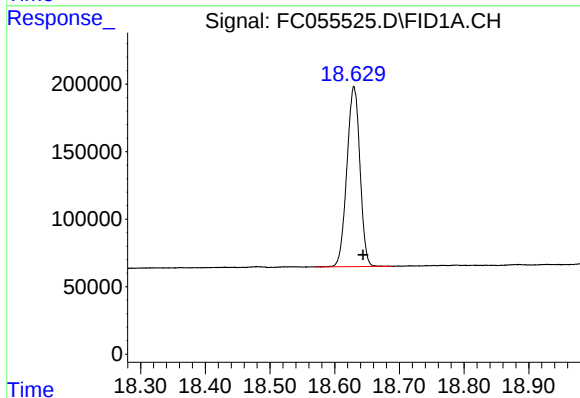
R.T.: 16.912 min
Delta R.T.: -0.012 min
Response: 1931227
Conc: 17.45 ug/ml



#17 n-Tricontane (C30)

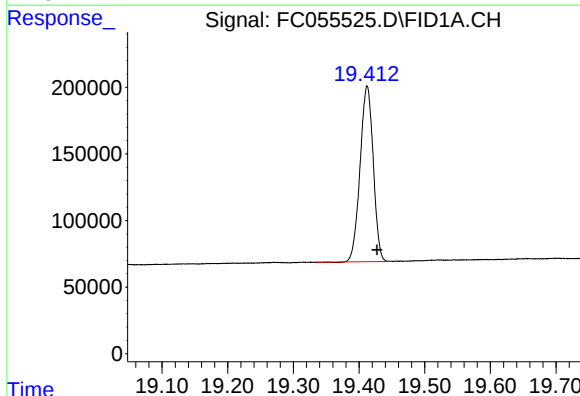
R.T.: 17.799 min
Delta R.T.: -0.012 min
Response: 1898346
Conc: 17.85 ug/ml

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20 PPM ALIPHATIC HC STD



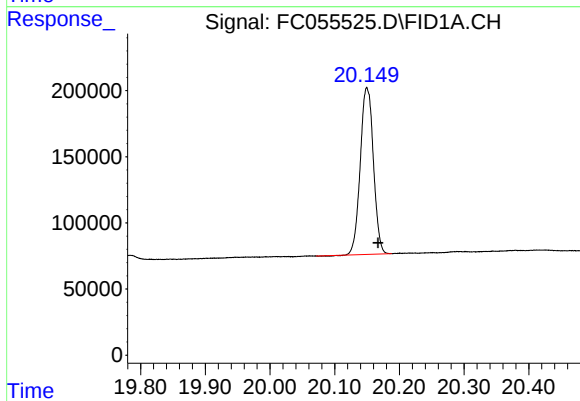
#18 n-Dotriacontane (C32)

R.T.: 18.630 min
Delta R.T.: -0.014 min
Response: 1872957
Conc: 18.69 ug/ml



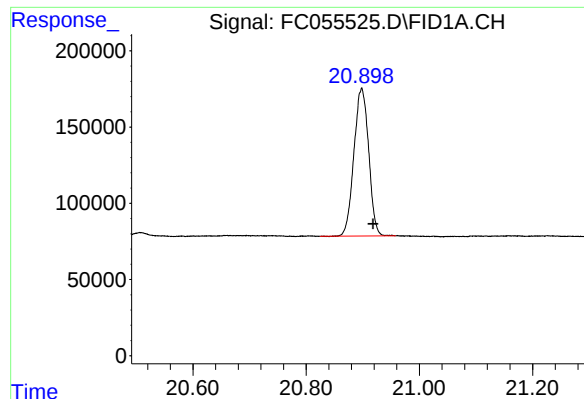
#19 n-Tetratriacontane (C34)

R.T.: 19.412 min
Delta R.T.: -0.015 min
Response: 1833683
Conc: 19.43 ug/ml



#20 n-Hexatriacontane (C36)

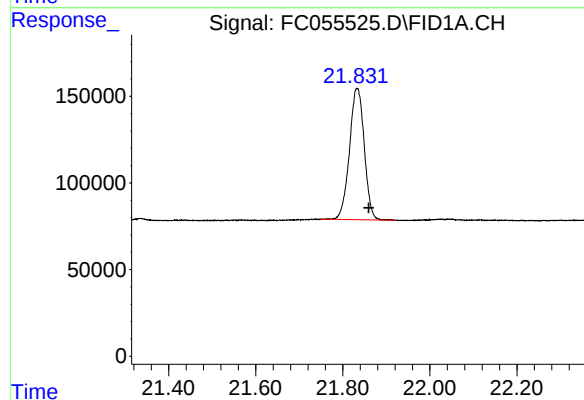
R.T.: 20.150 min
Delta R.T.: -0.017 min
Response: 1775495
Conc: 20.45 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.898 min
Delta R.T.: -0.020 min
Response: 1748592
Conc: 21.45 ug/ml

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FID_C
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20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 21.833 min
Delta R.T.: -0.027 min
Response: 1794057
Conc: 22.34 ug/ml