

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC081321AL\
 Data File : FC055174.D
 Signal(s) : FID1A.CH
 Acq On : 13 Aug 2021 13:32
 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: Aug 13 23:30:23 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 080321.M
 Quant Title : GC Extractables
 QLast Update : Wed Aug 04 02:08:31 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)	11.305	2429903	19.300 ug/ml
Spiked Amount 50.000		Recovery =	38.60%
12) S 1-chlorooctadecane (S...	12.746	1912776	19.300 ug/ml
Spiked Amount 50.000		Recovery =	38.60%
Target Compounds			
1) T n-Nonane (C9)	3.141	2215509	21.188 ug/ml
2) T n-Decane (C10)	4.191	2275967	21.613 ug/ml
3) T A~Naphthalene (C11.7)	5.756	2377322	21.879 ug/ml
4) T n-Dodecane (C12)	6.191	2373179	21.854 ug/ml
5) T A~2-methylnaphthalene...	6.805	2407214	22.056 ug/ml
6) T n-Tetradecane (C14)	7.976	2392503	21.431 ug/ml
7) T n-Hexadecane (C16)	9.567	2387386	20.932 ug/ml
8) T n-Octadecane (C18)	11.002	2398552	20.340 ug/ml
10) T n-Eicosane (C20)	12.305	2309275	19.670 ug/ml
11) T n-Heneicosane (C21)	12.914	2297764	19.460 ug/ml
13) T n-Docosane (C22)	13.498	2248923	19.255 ug/ml
14) T n-Tetracosane (C24)	14.596	2157528	18.640 ug/ml
15) T n-Hexacosane (C26)	15.613	2070464	18.475 ug/ml
16) T n-Octacosane (C28)	16.559	2003652	18.454 ug/ml
17) T n-Tricontane (C30)	17.444	1964335	18.814 ug/ml
18) T n-Dotriacontane (C32)	18.273	1917257	19.360 ug/ml
19) T n-Tetratriacontane (C34)	19.054	1903485	20.083 ug/ml
20) T n-Hexatriacontane (C36)	19.791	1830628	20.258 ug/ml
21) T n-Octatriacontane (C38)	20.492	1767737	20.459 ug/ml
22) T n-Tetracontane (C40)	21.296	1779751	19.985 ug/ml

(f)=RT Delta > 1/2 Window

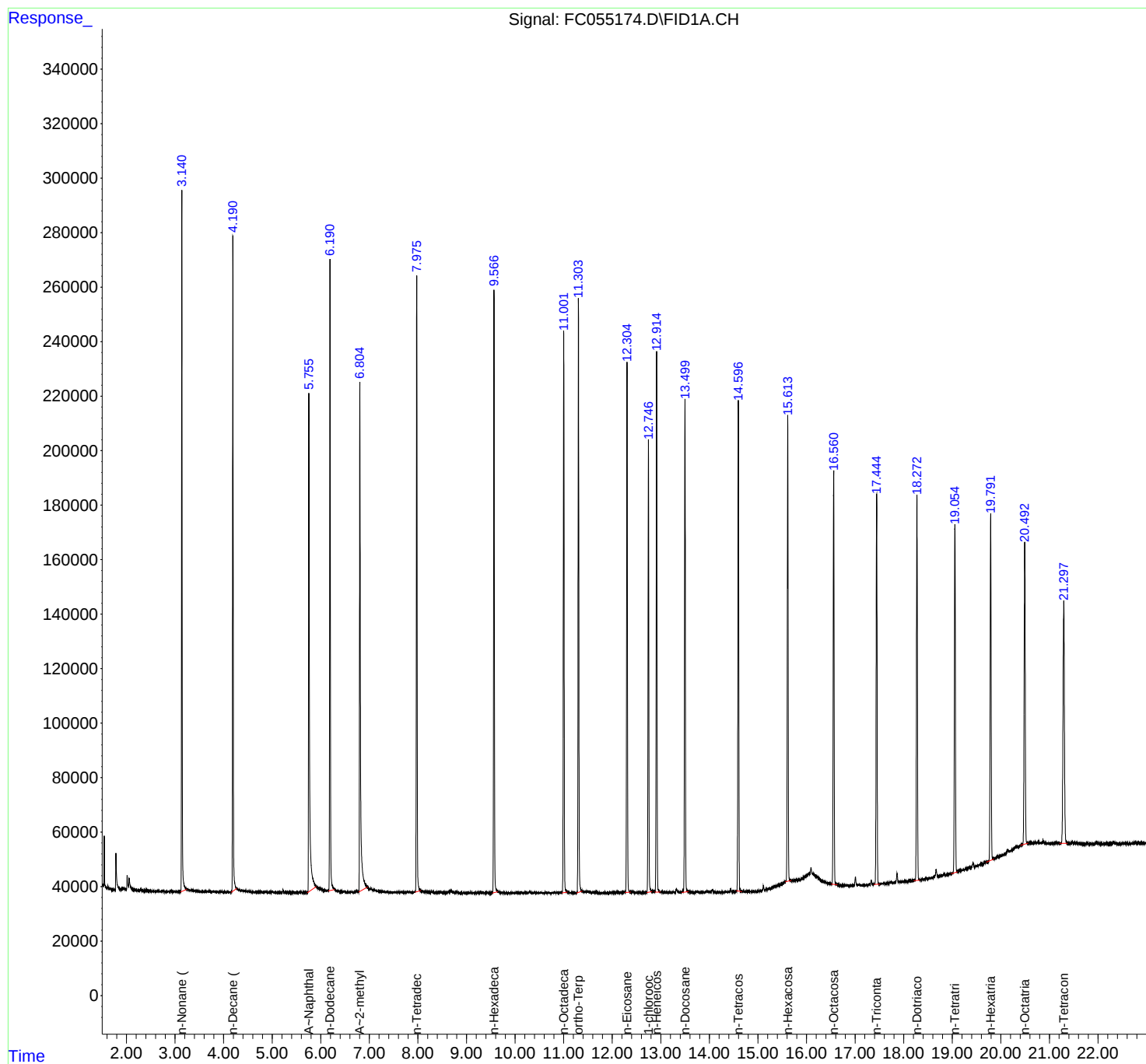
(m)=manual int.

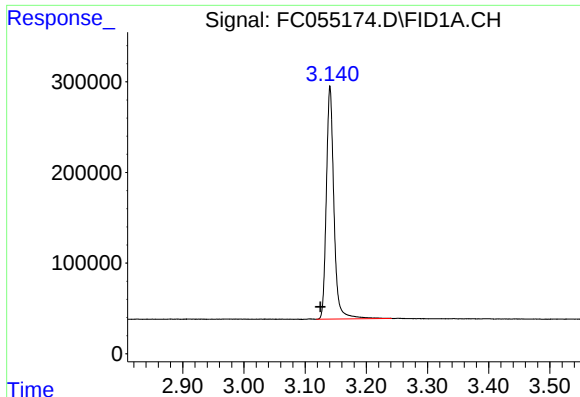
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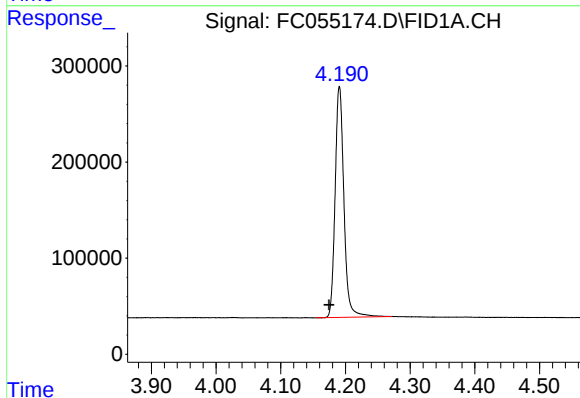




#1 n-Nonane (C9)

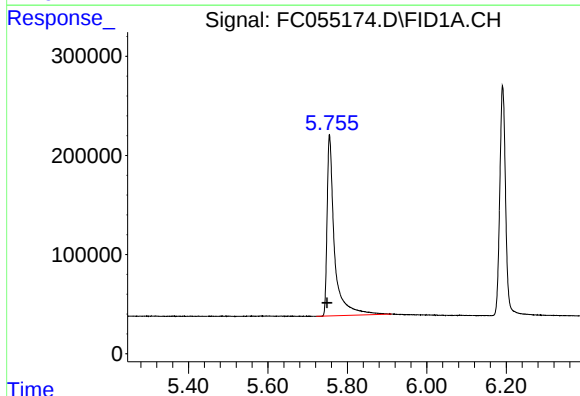
R.T.: 3.141 min
Delta R.T.: 0.016 min
Response: 2215509
Conc: 21.19 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



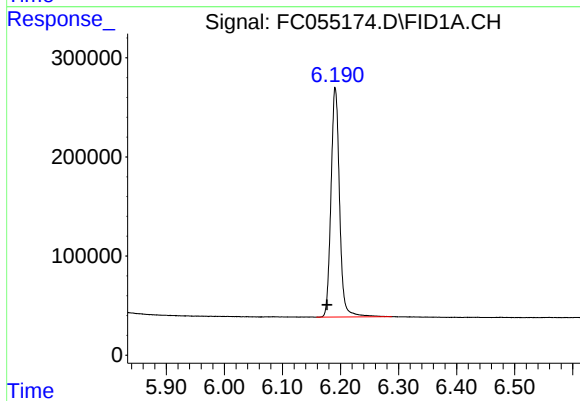
#2 n-Decane (C10)

R.T.: 4.191 min
Delta R.T.: 0.016 min
Response: 2275967
Conc: 21.61 ug/ml



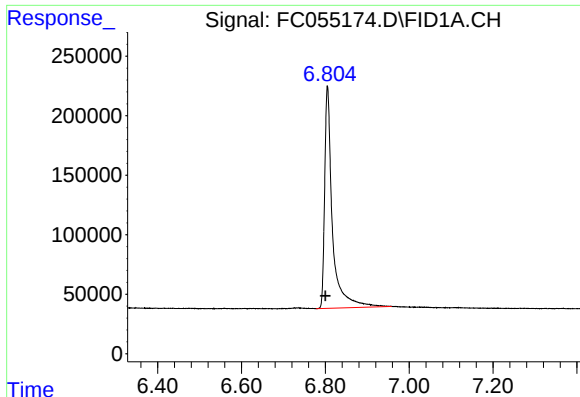
#3 A~Naphthalene (C11.7)

R.T.: 5.756 min
Delta R.T.: 0.007 min
Response: 2377322
Conc: 21.88 ug/ml



#4 n-Dodecane (C12)

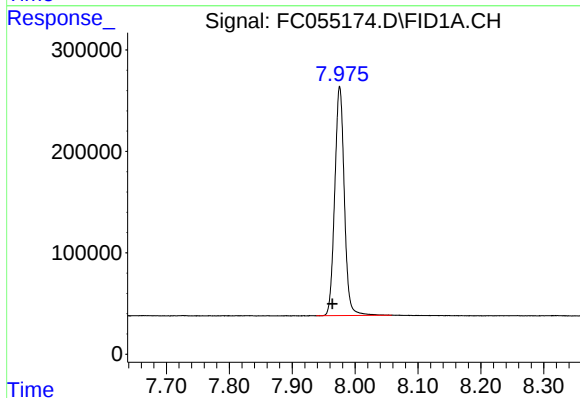
R.T.: 6.191 min
Delta R.T.: 0.014 min
Response: 2373179
Conc: 21.85 ug/ml



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

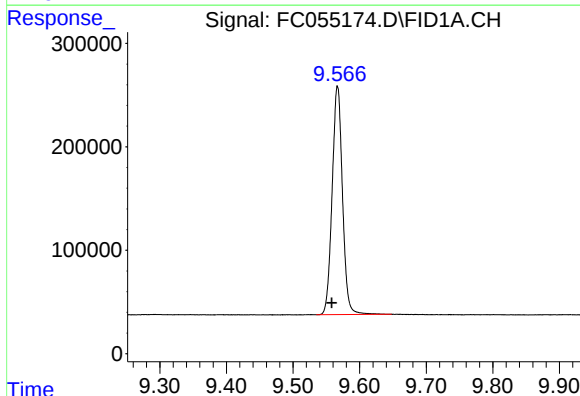
R.T.: 6.805 min
Delta R.T.: 0.005 min
Response: 2407214
Conc: 22.06 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



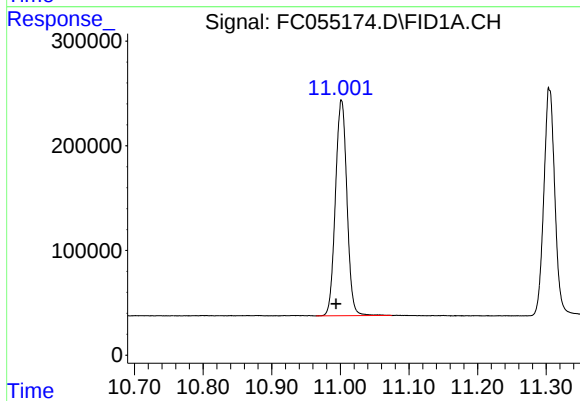
#6 n-Tetradecane (C14)

R.T.: 7.976 min
Delta R.T.: 0.012 min
Response: 2392503
Conc: 21.43 ug/ml



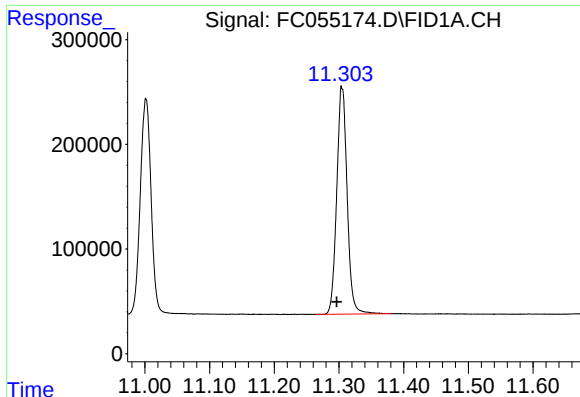
#7 n-Hexadecane (C16)

R.T.: 9.567 min
Delta R.T.: 0.009 min
Response: 2387386
Conc: 20.93 ug/ml



#8 n-Octadecane (C18)

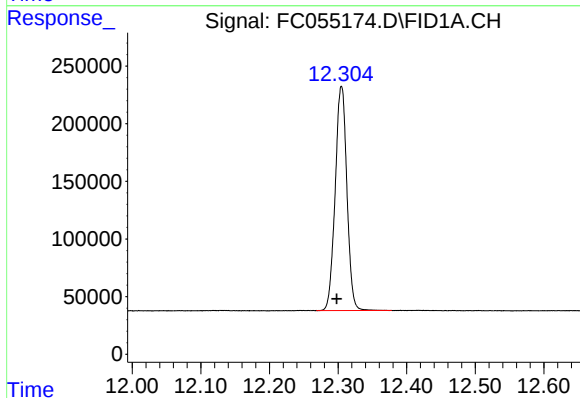
R.T.: 11.002 min
Delta R.T.: 0.008 min
Response: 2398552
Conc: 20.34 ug/ml



#9 ortho-Terphenyl (SURR)

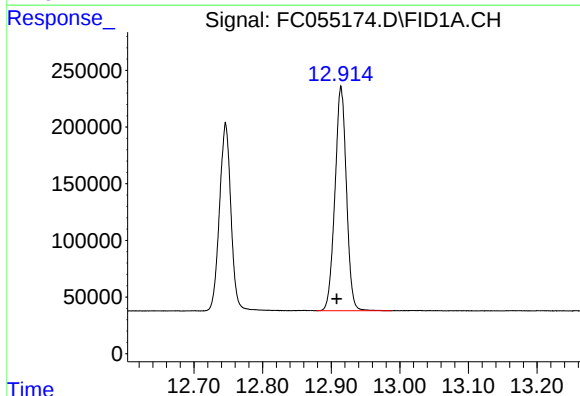
R.T.: 11.305 min
Delta R.T.: 0.008 min
Response: 2429903
Conc: 19.30 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



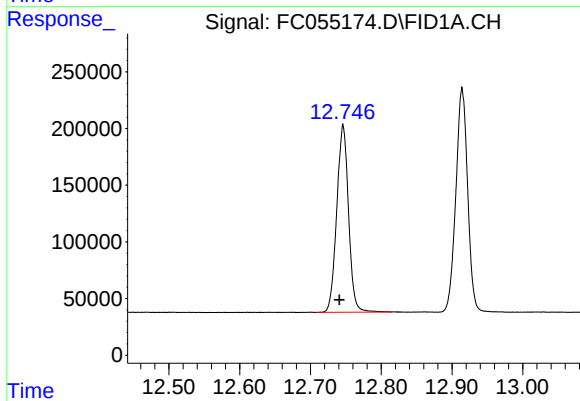
#10 n-Eicosane (C20)

R.T.: 12.305 min
Delta R.T.: 0.007 min
Response: 2309275
Conc: 19.67 ug/ml



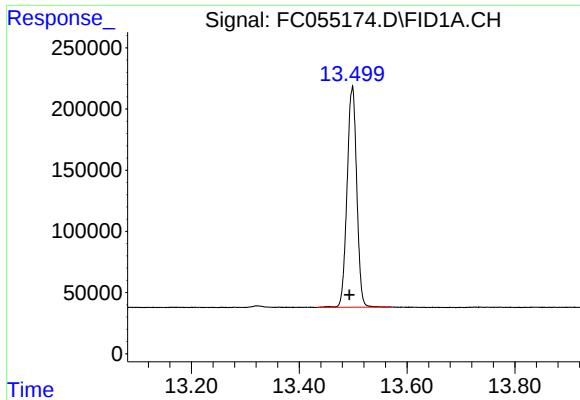
#11 n-Heneicosane (C21)

R.T.: 12.914 min
Delta R.T.: 0.006 min
Response: 2297764
Conc: 19.46 ug/ml



#12 1-chlorooctadecane (SURR)

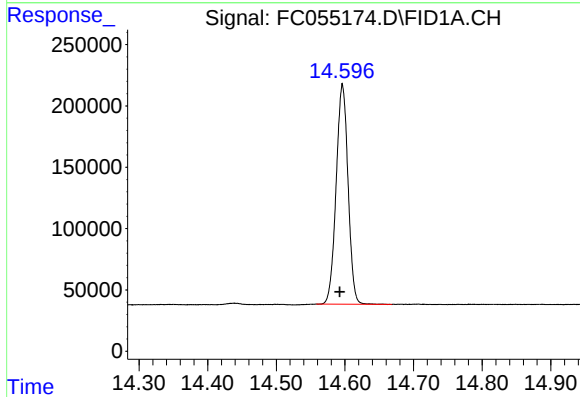
R.T.: 12.746 min
Delta R.T.: 0.005 min
Response: 1912776
Conc: 19.30 ug/ml



#13 n-Docosane (C22)

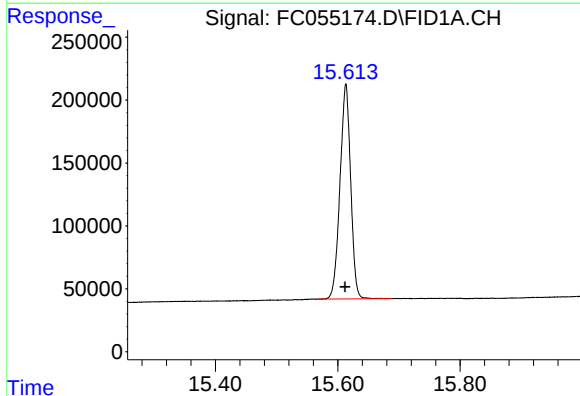
R.T.: 13.498 min
Delta R.T.: 0.005 min
Response: 2248923
Conc: 19.26 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



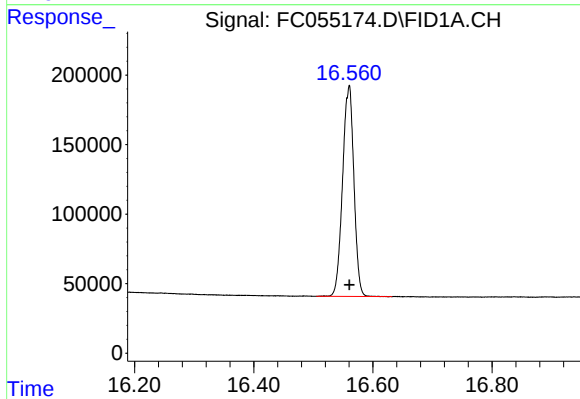
#14 n-Tetracosane (C24)

R.T.: 14.596 min
Delta R.T.: 0.004 min
Response: 2157528
Conc: 18.64 ug/ml



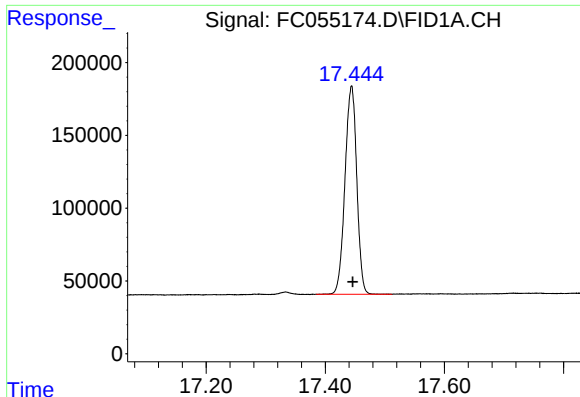
#15 n-Hexacosane (C26)

R.T.: 15.613 min
Delta R.T.: 0.002 min
Response: 2070464
Conc: 18.47 ug/ml



#16 n-Octacosane (C28)

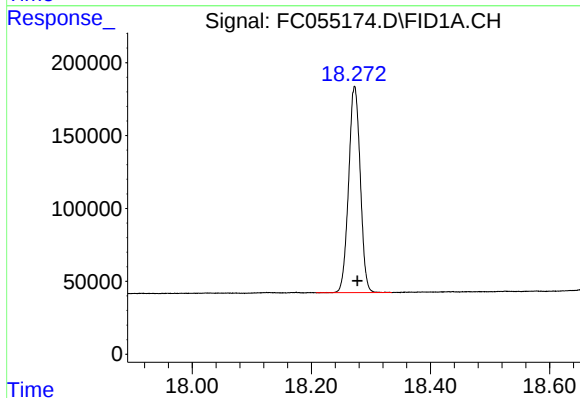
R.T.: 16.559 min
Delta R.T.: -0.001 min
Response: 2003652
Conc: 18.45 ug/ml



#17 n-Tricontane (C30)

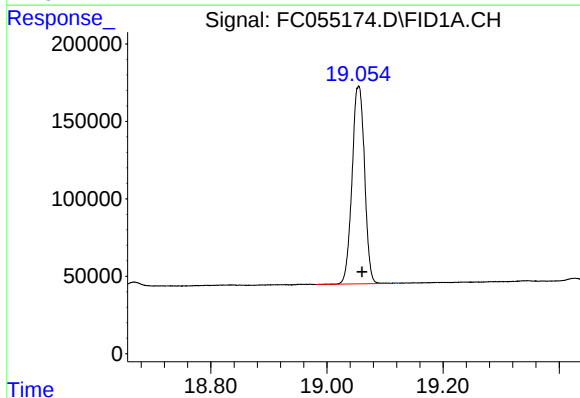
R.T.: 17.444 min
Delta R.T.: -0.002 min
Response: 1964335
Conc: 18.81 ug/ml

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20 PPM ALIPHATIC HC STD



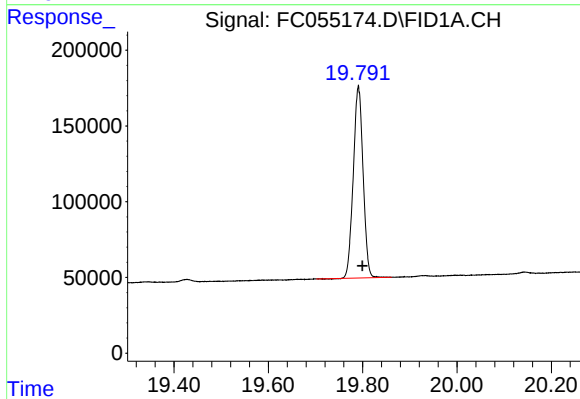
#18 n-Dotriacontane (C32)

R.T.: 18.273 min
Delta R.T.: -0.005 min
Response: 1917257
Conc: 19.36 ug/ml



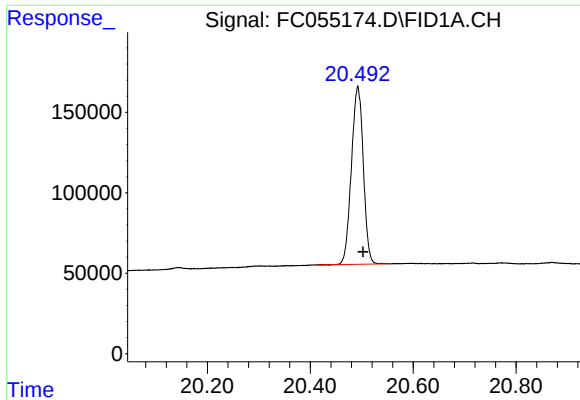
#19 n-Tetratriacontane (C34)

R.T.: 19.054 min
Delta R.T.: -0.006 min
Response: 1903485
Conc: 20.08 ug/ml



#20 n-Hexatriacontane (C36)

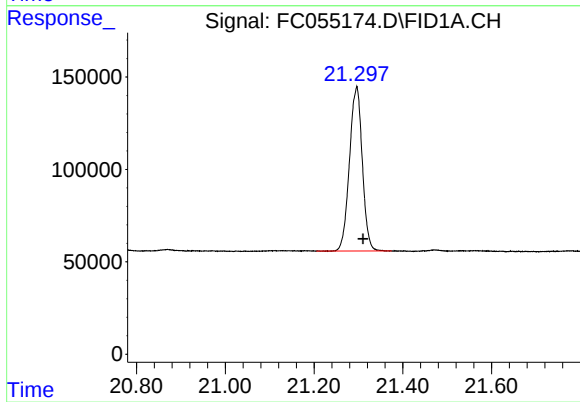
R.T.: 19.791 min
Delta R.T.: -0.008 min
Response: 1830628
Conc: 20.26 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.492 min
Delta R.T.: -0.010 min
Response: 1767737
Conc: 20.46 ug/ml

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20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 21.296 min
Delta R.T.: -0.015 min
Response: 1779751
Conc: 19.98 ug/ml