

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC121720AL\
 Data File : FC051352.D
 Signal(s) : FID1A.CH
 Acq On : 17 Dec 2020 11:52
 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: Dec 18 00:09:04 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 112720.M
 Quant Title : GC Extractables
 QLast Update : Mon Nov 30 10:42:25 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)	11.571	2104161	17.101 ug/ml
Spiked Amount 50.000		Recovery =	34.20%
12) S 1-chlorooctadecane (S...	13.005	1607214	16.475 ug/ml
Spiked Amount 50.000		Recovery =	32.95%
Target Compounds			
1) T n-Nonane (C9)	3.332	2064352	19.398 ug/ml
2) T n-Decane (C10)	4.399	2066267	19.455 ug/ml
3) T A~Naphthalene (C11.7)	5.990	2161811	19.229 ug/ml
4) T n-Dodecane (C12)	6.416	2114579	19.434 ug/ml
5) T A~2-methylnaphthalene...	7.047	2118939	18.749 ug/ml
6) T n-Tetradecane (C14)	8.210	2079092	19.215 ug/ml
7) T n-Hexadecane (C16)	9.810	2004727	18.681 ug/ml
8) T n-Octadecane (C18)	11.251	2042388	17.907 ug/ml
10) T n-Eicosane (C20)	12.560	1987695	17.110 ug/ml
11) T n-Heneicosane (C21)	13.172	1947568	16.809 ug/ml
13) T n-Docosane (C22)	13.757	1910257	16.493 ug/ml
14) T n-Tetracosane (C24)	14.859	1852799	16.110 ug/ml
15) T n-Hexacosane (C26)	15.878	1810058	16.076 ug/ml
16) T n-Octacosane (C28)	16.827	1807986	16.328 ug/ml
17) T n-Tricontane (C30)	17.714	1798550	16.931 ug/ml
18) T n-Dotriacontane (C32)	18.543	1713593	17.538 ug/ml
19) T n-Tetratriacontane (C34)	19.326	1639231	18.367 ug/ml
20) T n-Hexatriacontane (C36)	20.064	1572881	18.859 ug/ml
21) T n-Octatriacontane (C38)	20.799	1514266	19.445 ug/ml
22) T n-Tetracontane (C40)	21.709	1483298	17.915 ug/ml

(f)=RT Delta > 1/2 Window

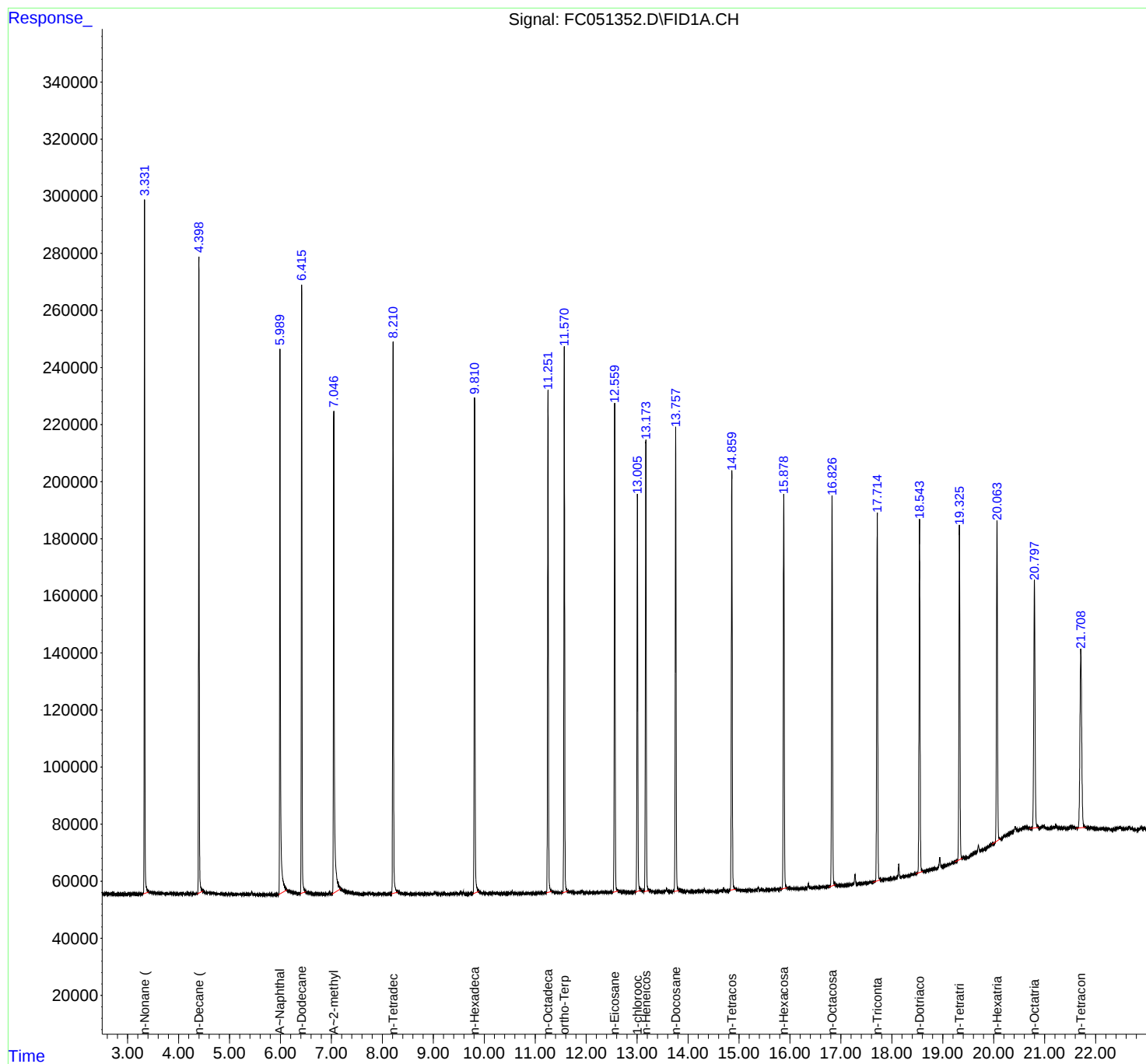
(m)=manual int.

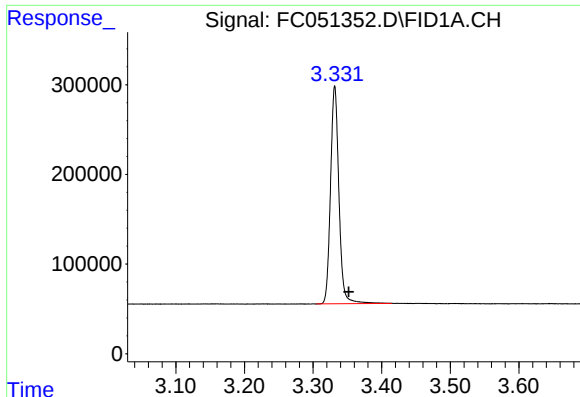
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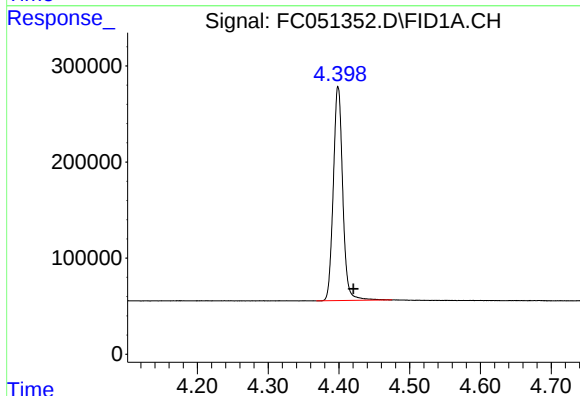




#1 n-Nonane (C9)

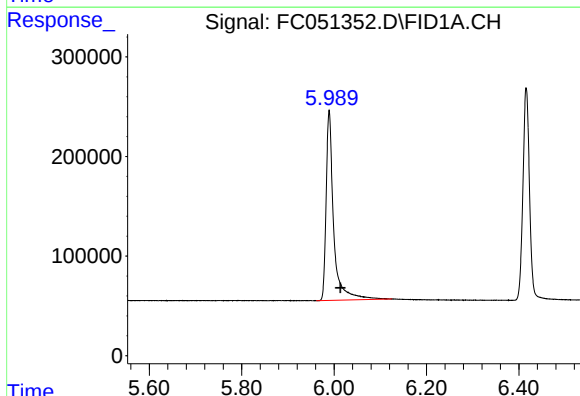
R.T.: 3.332 min
Delta R.T.: -0.020 min
Response: 2064352
Conc: 19.40 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



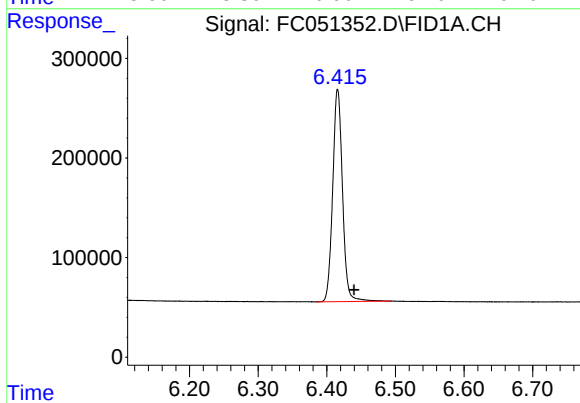
#2 n-Decane (C10)

R.T.: 4.399 min
Delta R.T.: -0.022 min
Response: 2066267
Conc: 19.45 ug/ml



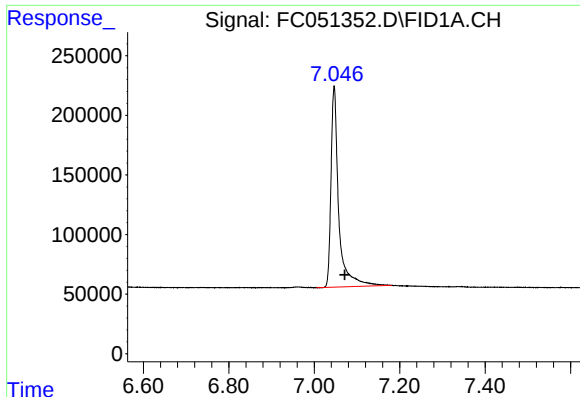
#3 A~Naphthalene (C11.7)

R.T.: 5.990 min
Delta R.T.: -0.024 min
Response: 2161811
Conc: 19.23 ug/ml



#4 n-Dodecane (C12)

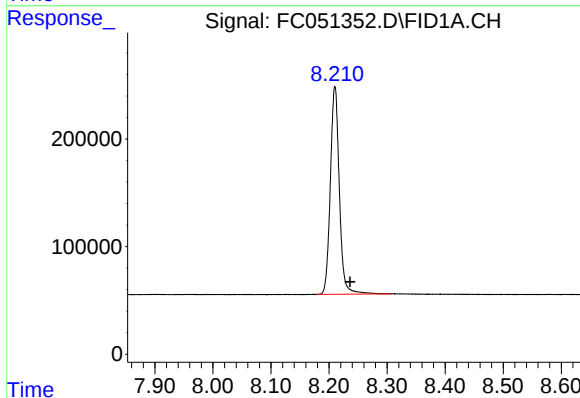
R.T.: 6.416 min
Delta R.T.: -0.024 min
Response: 2114579
Conc: 19.43 ug/ml



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

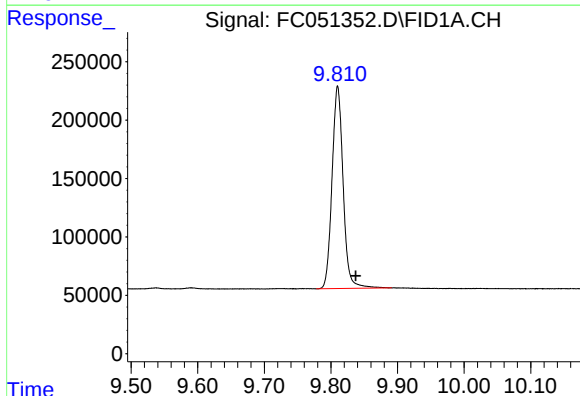
R.T.: 7.047 min
Delta R.T.: -0.025 min
Response: 2118939
Conc: 18.75 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



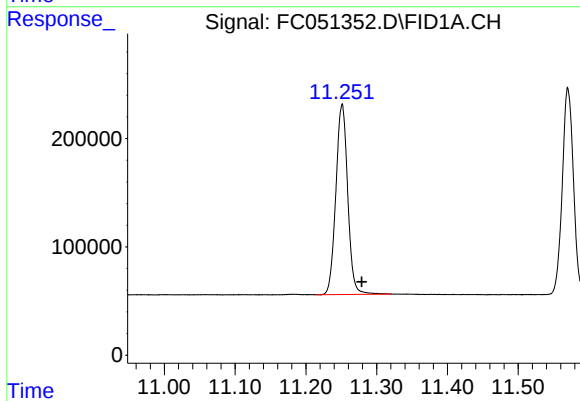
#6 n-Tetradecane (C14)

R.T.: 8.210 min
Delta R.T.: -0.026 min
Response: 2079092
Conc: 19.22 ug/ml



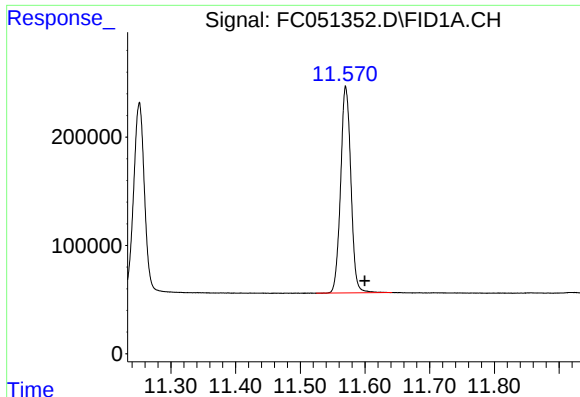
#7 n-Hexadecane (C16)

R.T.: 9.810 min
Delta R.T.: -0.027 min
Response: 2004727
Conc: 18.68 ug/ml



#8 n-Octadecane (C18)

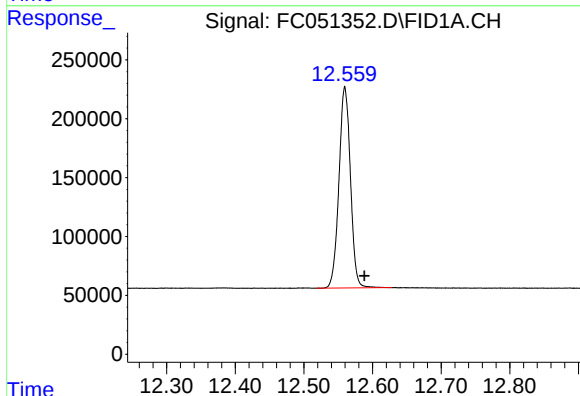
R.T.: 11.251 min
Delta R.T.: -0.028 min
Response: 2042388
Conc: 17.91 ug/ml



#9 ortho-Terphenyl (SURR)

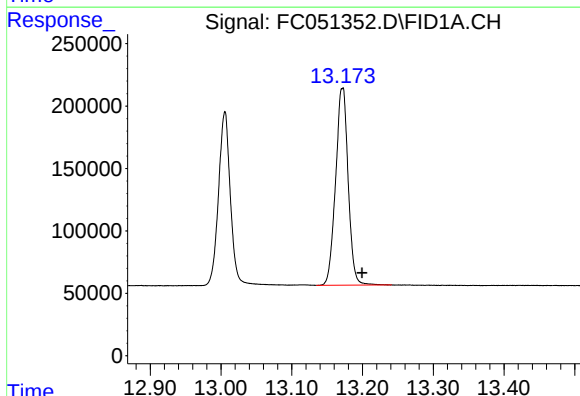
R.T.: 11.571 min
Delta R.T.: -0.029 min
Response: 2104161
Conc: 17.10 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



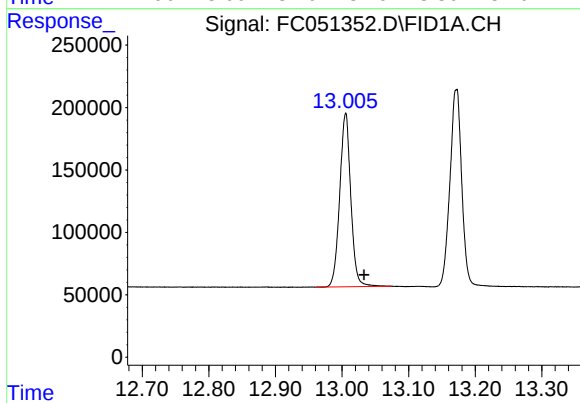
#10 n-Eicosane (C20)

R.T.: 12.560 min
Delta R.T.: -0.028 min
Response: 1987695
Conc: 17.11 ug/ml



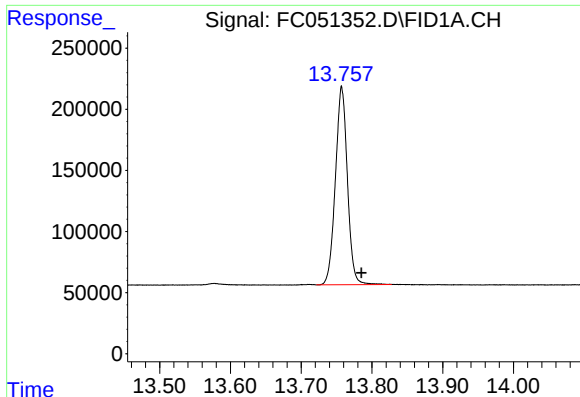
#11 n-Heneicosane (C21)

R.T.: 13.172 min
Delta R.T.: -0.028 min
Response: 1947568
Conc: 16.81 ug/ml



#12 1-chlorooctadecane (SURR)

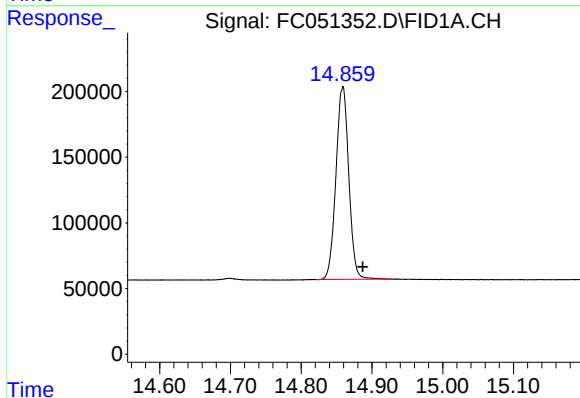
R.T.: 13.005 min
Delta R.T.: -0.028 min
Response: 1607214
Conc: 16.48 ug/ml



#13 n-Docosane (C22)

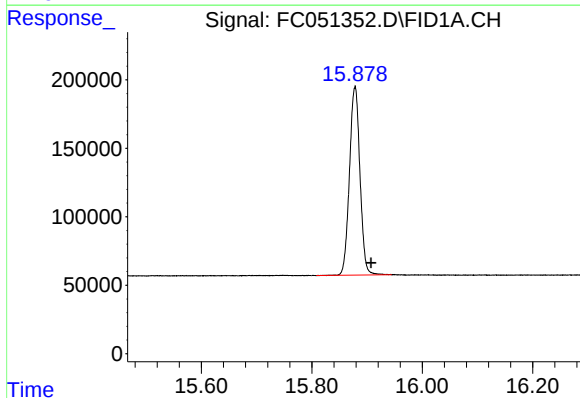
R.T.: 13.757 min
Delta R.T.: -0.028 min
Response: 1910257
Conc: 16.49 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



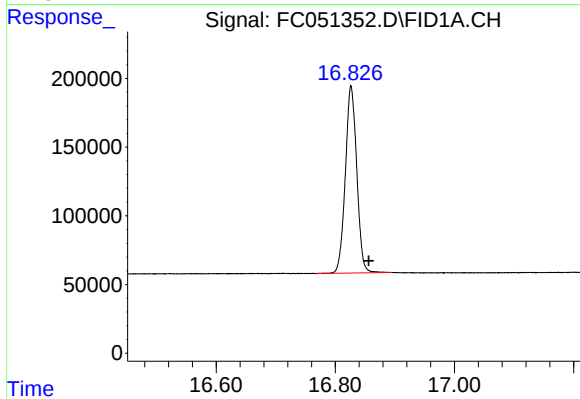
#14 n-Tetracosane (C24)

R.T.: 14.859 min
Delta R.T.: -0.029 min
Response: 1852799
Conc: 16.11 ug/ml



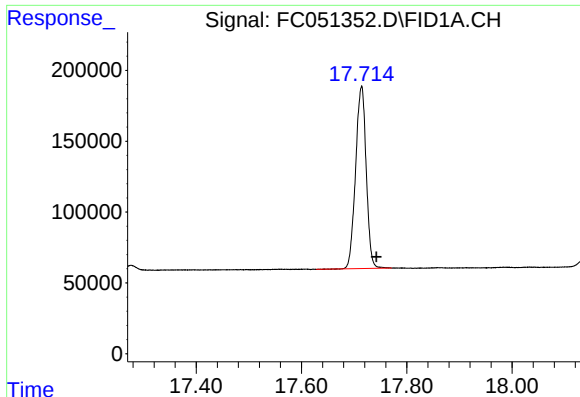
#15 n-Hexacosane (C26)

R.T.: 15.878 min
Delta R.T.: -0.029 min
Response: 1810058
Conc: 16.08 ug/ml



#16 n-Octacosane (C28)

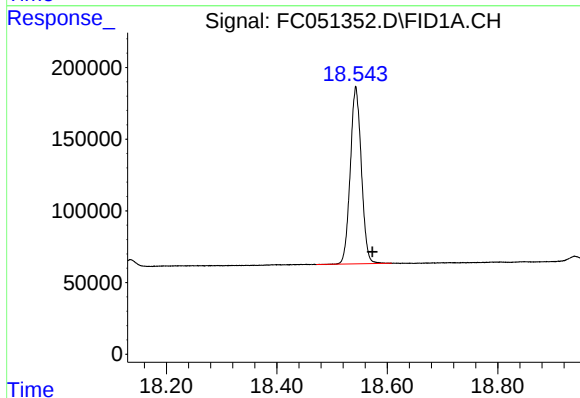
R.T.: 16.827 min
Delta R.T.: -0.029 min
Response: 1807986
Conc: 16.33 ug/ml



#17 n-Tricontane (C30)

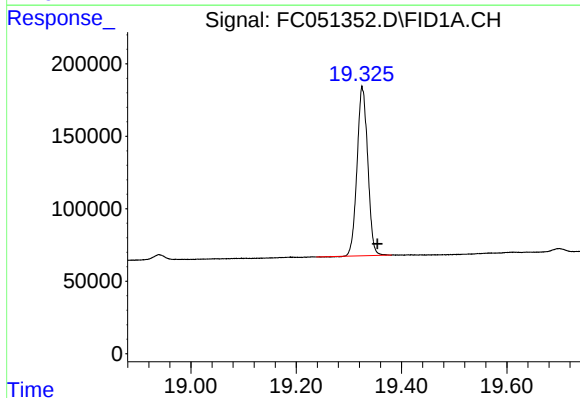
R.T.: 17.714 min
Delta R.T.: -0.028 min
Response: 1798550
Conc: 16.93 ug/ml

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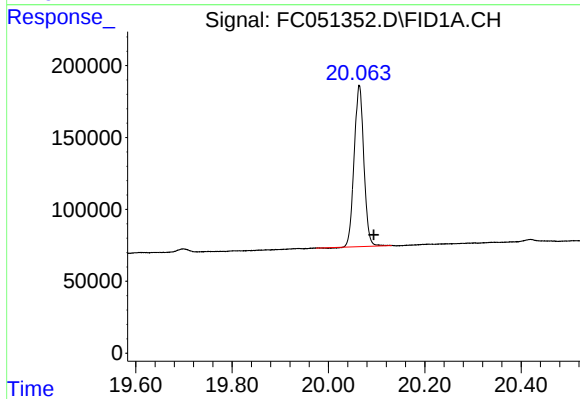
#18 n-Dotriacontane (C32)

R.T.: 18.543 min
Delta R.T.: -0.030 min
Response: 1713593
Conc: 17.54 ug/ml



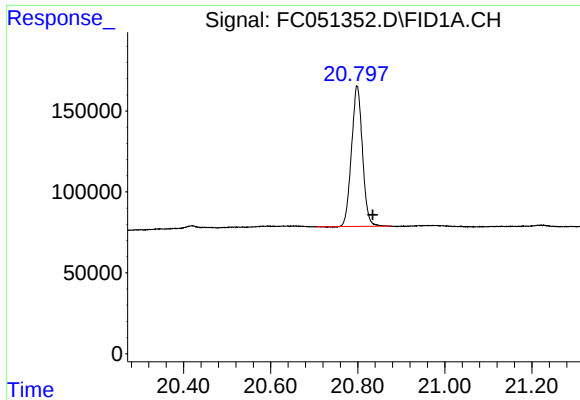
#19 n-Tetratriacontane (C34)

R.T.: 19.326 min
Delta R.T.: -0.029 min
Response: 1639231
Conc: 18.37 ug/ml



#20 n-Hexatriacontane (C36)

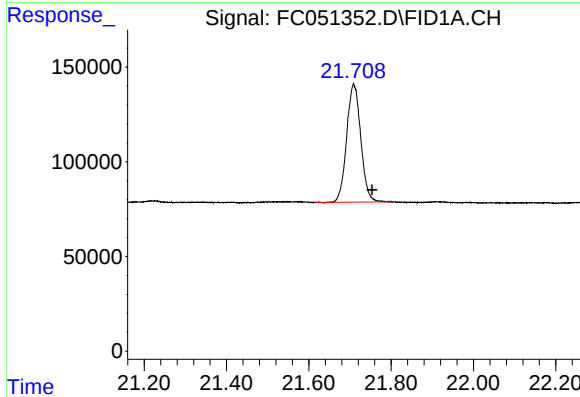
R.T.: 20.064 min
Delta R.T.: -0.030 min
Response: 1572881
Conc: 18.86 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.799 min
Delta R.T.: -0.035 min
Response: 1514266
Conc: 19.44 ug/ml

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FID_C
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#22 n-Tetracontane (C40)

R.T.: 21.709 min
Delta R.T.: -0.044 min
Response: 1483298
Conc: 17.91 ug/ml