

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC040921AL\
 Data File : FC053076.D
 Signal(s) : FID1A.CH
 Acq On : 10 Apr 2021 12:34
 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: sample.E
 Quant Time: Apr 12 01:25:42 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 040821.M
 Quant Title : GC Extractables
 QLast Update : Fri Apr 09 09:23:51 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)	11.553	2649548	18.340 ug/ml
Spiked Amount 50.000		Recovery =	36.68%
12) S 1-chlorooctadecane (S...	12.991	2095679	18.138 ug/ml
Spiked Amount 50.000		Recovery =	36.28%
Target Compounds			
1) T n-Nonane (C9)	3.310	2385209	19.057 ug/ml
2) T n-Decane (C10)	4.376	2413703	19.173 ug/ml
3) T A~Naphthalene (C11.7)	5.961	2673778	19.195 ug/ml
4) T n-Dodecane (C12)	6.396	2474640	19.322 ug/ml
5) T A~2-methylnaphthalene...	7.019	2715448	19.210 ug/ml
6) T n-Tetradecane (C14)	8.193	2478154	19.260 ug/ml
7) T n-Hexadecane (C16)	9.794	2443177	19.109 ug/ml
8) T n-Octadecane (C18)	11.237	2531842	18.721 ug/ml
10) T n-Eicosane (C20)	12.547	2508512	18.263 ug/ml
11) T n-Heneicosane (C21)	13.159	2472039	17.991 ug/ml
13) T n-Docosane (C22)	13.746	2433567	17.655 ug/ml
14) T n-Tetracosane (C24)	14.849	2347384	17.025 ug/ml
15) T n-Hexacosane (C26)	15.868	2226119	16.416 ug/ml
16) T n-Octacosane (C28)	16.819	2135021	16.017 ug/ml
17) T n-Tricontane (C30)	17.707	2049442	15.969 ug/ml
18) T n-Dotriacontane (C32)	18.539	1953332	16.350 ug/ml
19) T n-Tetratriacontane (C34)	19.322	1882898	17.001 ug/ml
20) T n-Hexatriacontane (C36)	20.061	1829387	18.129 ug/ml
21) T n-Octatriacontane (C38)	20.790	1761588	19.773 ug/ml
22) T n-Tetracontane (C40)	21.689	1796768	22.444 ug/ml

(f)=RT Delta > 1/2 Window

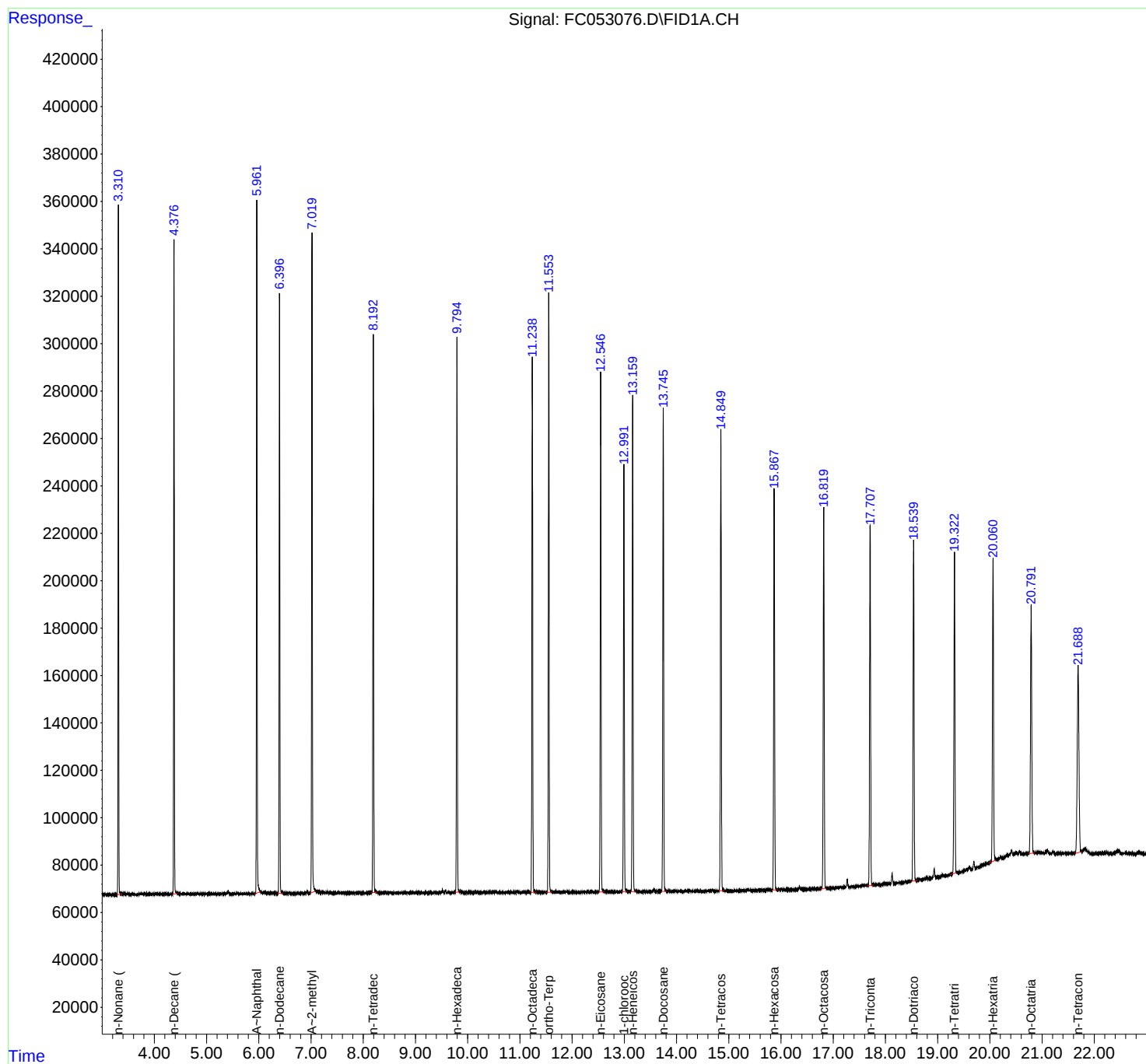
(m)=manual int.

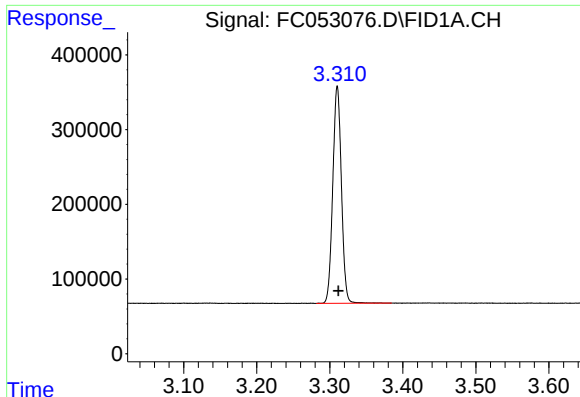
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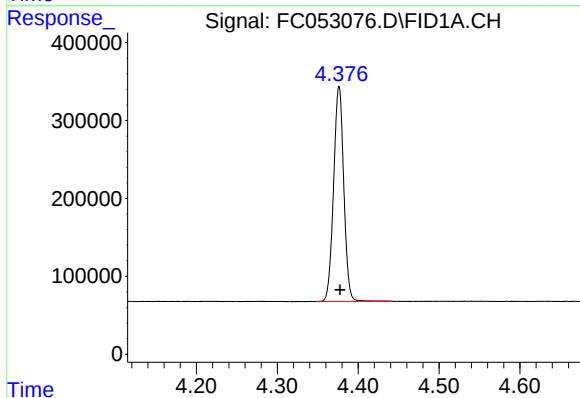




#1 n-Nonane (C9)

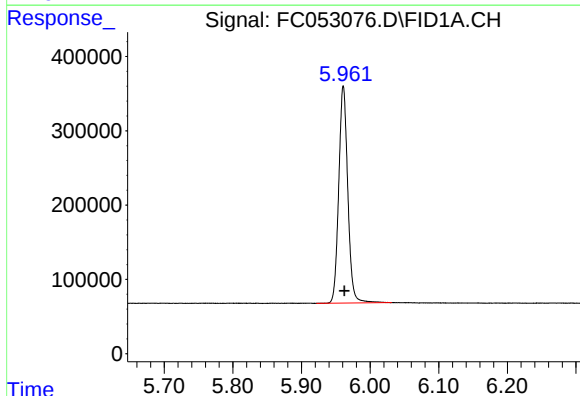
R.T.: 3.310 min
Delta R.T.: -0.002 min
Response: 2385209
Conc: 19.06 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



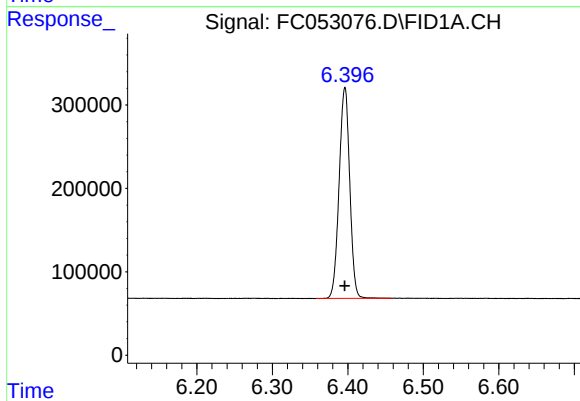
#2 n-Decane (C10)

R.T.: 4.376 min
Delta R.T.: -0.001 min
Response: 2413703
Conc: 19.17 ug/ml



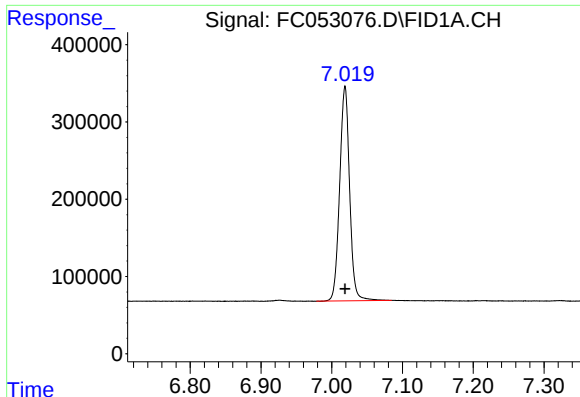
#3 A~Naphthalene (C11.7)

R.T.: 5.961 min
Delta R.T.: -0.001 min
Response: 2673778
Conc: 19.19 ug/ml



#4 n-Dodecane (C12)

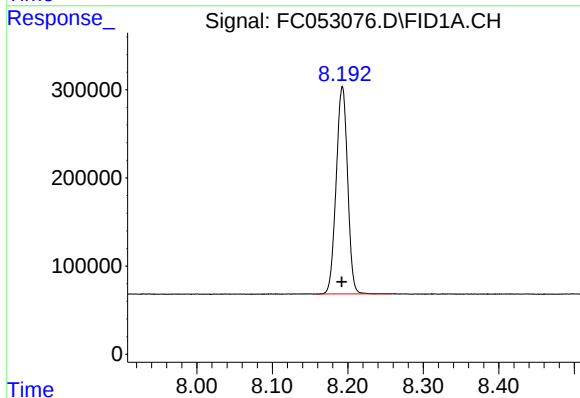
R.T.: 6.396 min
Delta R.T.: 0.000 min
Response: 2474640
Conc: 19.32 ug/ml



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

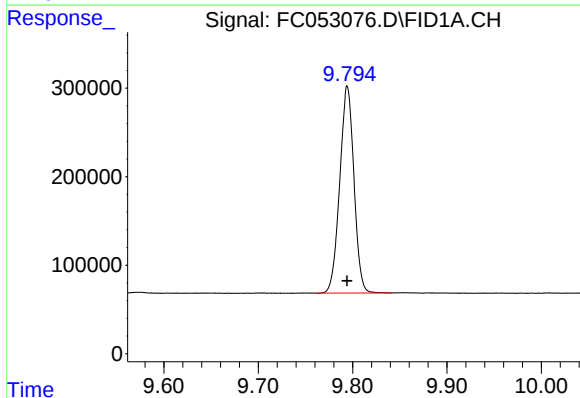
R.T.: 7.019 min
Delta R.T.: 0.000 min
Response: 2715448
Conc: 19.21 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



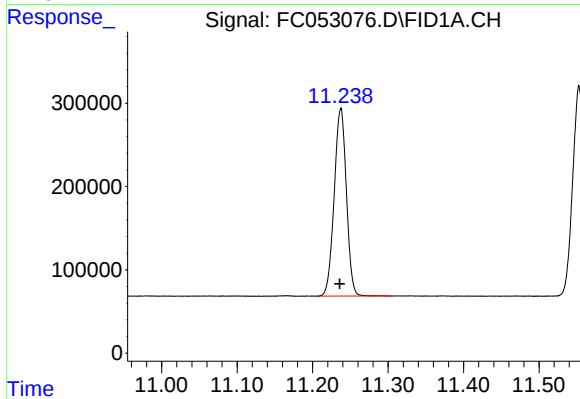
#6 n-Tetradecane (C14)

R.T.: 8.193 min
Delta R.T.: 0.000 min
Response: 2478154
Conc: 19.26 ug/ml



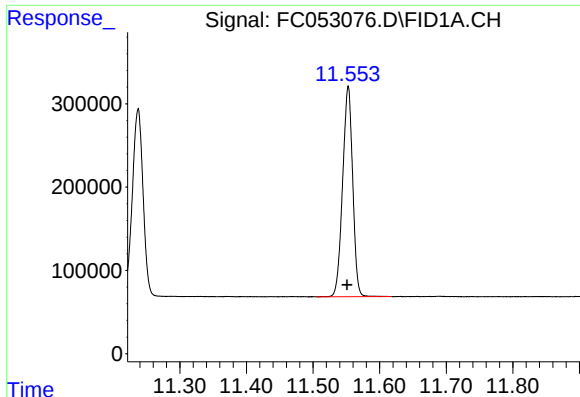
#7 n-Hexadecane (C16)

R.T.: 9.794 min
Delta R.T.: 0.000 min
Response: 2443177
Conc: 19.11 ug/ml



#8 n-Octadecane (C18)

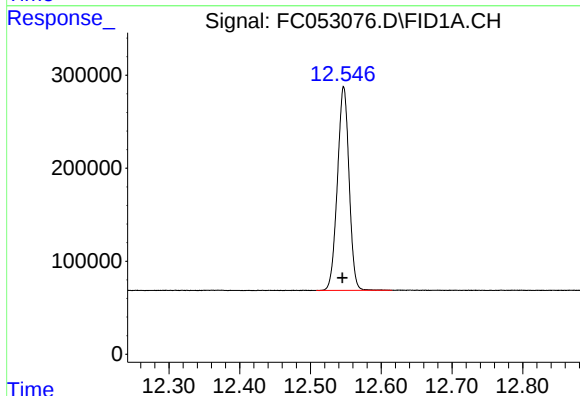
R.T.: 11.237 min
Delta R.T.: 0.001 min
Response: 2531842
Conc: 18.72 ug/ml



#9 ortho-Terphenyl (SURR)

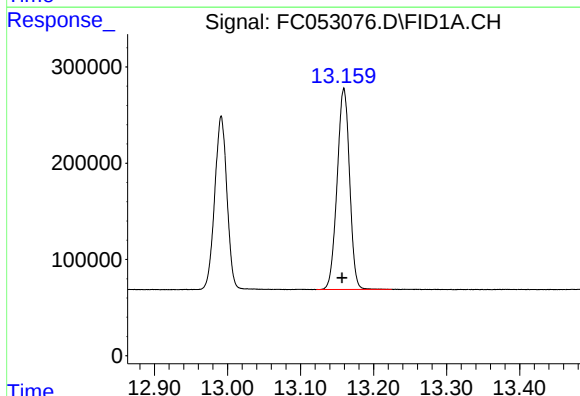
R.T.: 11.553 min
Delta R.T.: 0.001 min
Response: 2649548
Conc: 18.34 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



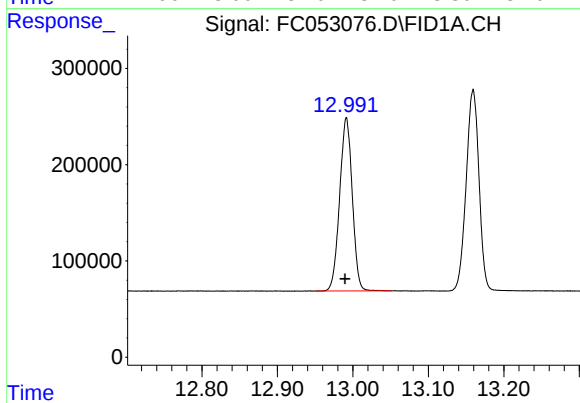
#10 n-Eicosane (C20)

R.T.: 12.547 min
Delta R.T.: 0.002 min
Response: 2508512
Conc: 18.26 ug/ml



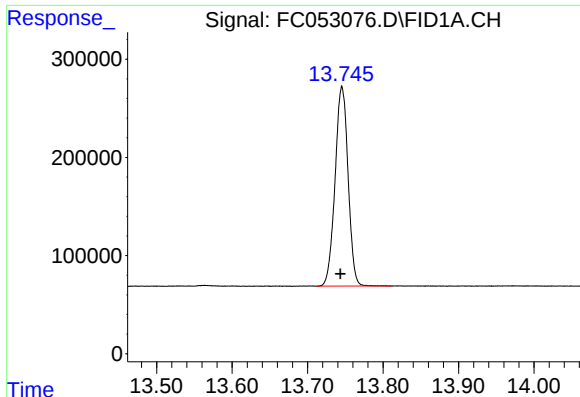
#11 n-Heneicosane (C21)

R.T.: 13.159 min
Delta R.T.: 0.002 min
Response: 2472039
Conc: 17.99 ug/ml



#12 1-chlorooctadecane (SURR)

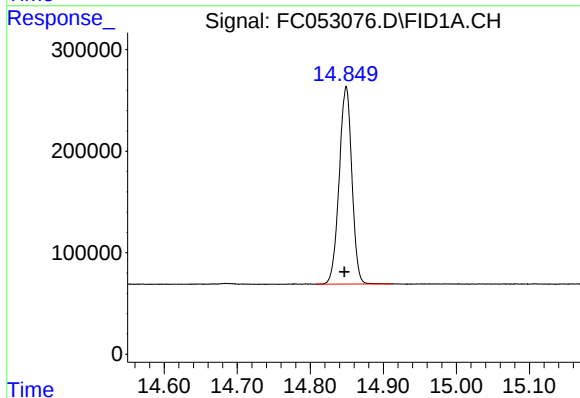
R.T.: 12.991 min
Delta R.T.: 0.002 min
Response: 2095679
Conc: 18.14 ug/ml



#13 n-Docosane (C22)

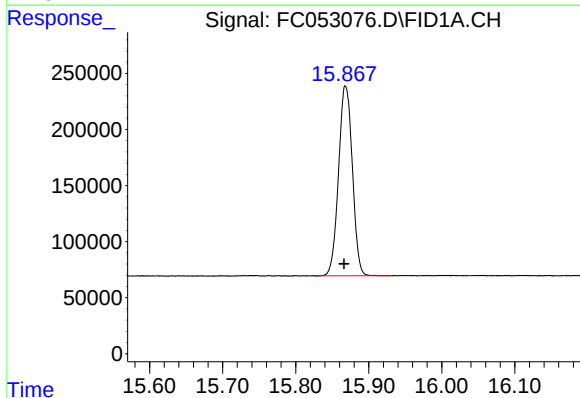
R.T.: 13.746 min
Delta R.T.: 0.002 min
Response: 2433567
Conc: 17.66 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



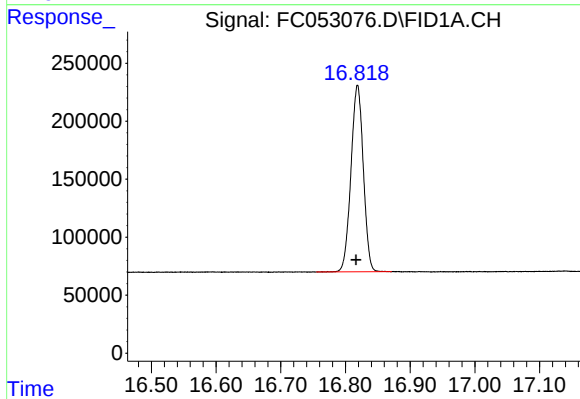
#14 n-Tetracosane (C24)

R.T.: 14.849 min
Delta R.T.: 0.002 min
Response: 2347384
Conc: 17.02 ug/ml



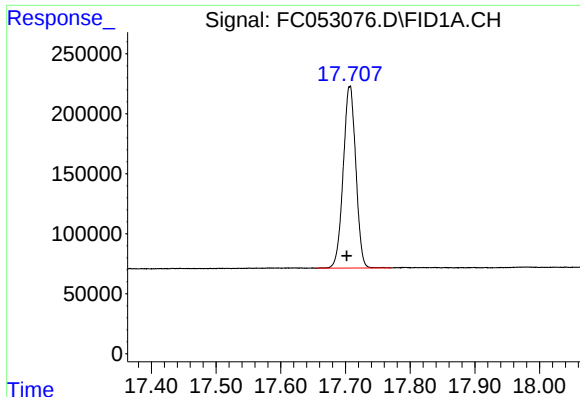
#15 n-Hexacosane (C26)

R.T.: 15.868 min
Delta R.T.: 0.002 min
Response: 2226119
Conc: 16.42 ug/ml



#16 n-Octacosane (C28)

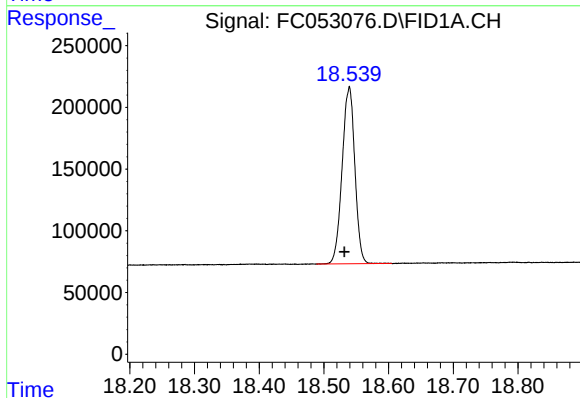
R.T.: 16.819 min
Delta R.T.: 0.002 min
Response: 2135021
Conc: 16.02 ug/ml



#17 n-Tricontane (C30)

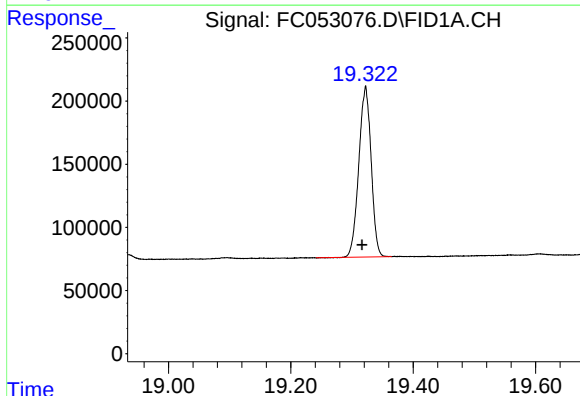
R.T.: 17.707 min
Delta R.T.: 0.005 min
Response: 2049442
Conc: 15.97 ug/ml

Instrument :
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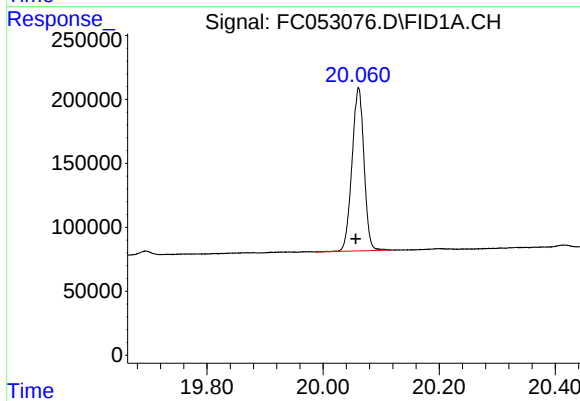
#18 n-Dotriacontane (C32)

R.T.: 18.539 min
Delta R.T.: 0.007 min
Response: 1953332
Conc: 16.35 ug/ml



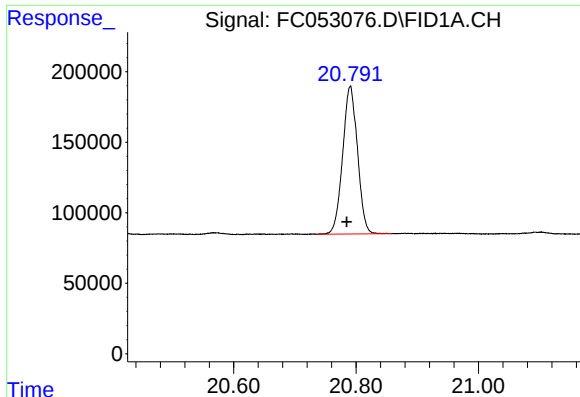
#19 n-Tetratriacontane (C34)

R.T.: 19.322 min
Delta R.T.: 0.006 min
Response: 1882898
Conc: 17.00 ug/ml



#20 n-Hexatriacontane (C36)

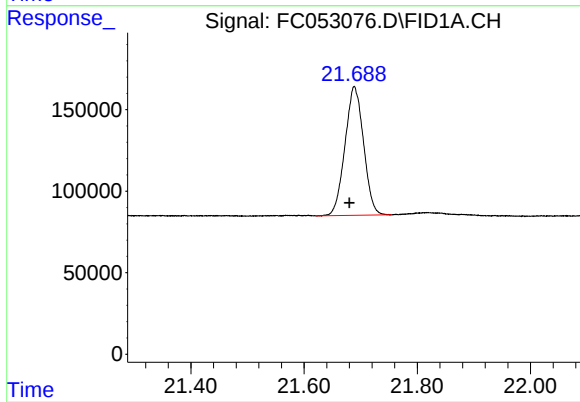
R.T.: 20.061 min
Delta R.T.: 0.005 min
Response: 1829387
Conc: 18.13 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.790 min
Delta R.T.: 0.006 min
Response: 1761588
Conc: 19.77 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.689 min
Delta R.T.: 0.009 min
Response: 1796768
Conc: 22.44 ug/ml