

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC070721AL\
 Data File : FC054555.D
 Signal(s) : FID1A.CH
 Acq On : 07 Jul 2021 10:37
 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: Jul 08 02:39:59 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 062521.M
 Quant Title : GC Extractables
 QLast Update : Sat Jun 26 02:10:35 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)	11.328	2555720	18.053 ug/ml
Spiked Amount 50.000		Recovery =	36.11%
12) S 1-chlorooctadecane (S...	12.772	2011204	18.042 ug/ml
Spiked Amount 50.000		Recovery =	36.08%
Target Compounds			
1) T n-Nonane (C9)	3.143	2122778	18.052 ug/ml
2) T n-Decane (C10)	4.197	2157578	18.170 ug/ml
3) T A~Naphthalene (C11.7)	5.764	2334774	17.759 ug/ml
4) T n-Dodecane (C12)	6.204	2192157	18.290 ug/ml
5) T A~2-methylnaphthalene...	6.816	2366127	17.922 ug/ml
6) T n-Tetradecane (C14)	7.992	2253188	18.493 ug/ml
7) T n-Hexadecane (C16)	9.587	2297603	18.446 ug/ml
8) T n-Octadecane (C18)	11.024	2369929	18.349 ug/ml
10) T n-Eicosane (C20)	12.330	2366053	18.184 ug/ml
11) T n-Heneicosane (C21)	12.941	2400153	18.078 ug/ml
13) T n-Docosane (C22)	13.526	2393765	18.069 ug/ml
14) T n-Tetracosane (C24)	14.626	2427992	17.936 ug/ml
15) T n-Hexacosane (C26)	15.644	2398089	17.697 ug/ml
16) T n-Octacosane (C28)	16.593	2405406	17.525 ug/ml
17) T n-Tricontane (C30)	17.479	2382434	17.201 ug/ml
18) T n-Dotriacontane (C32)	18.310	2301360	16.821 ug/ml
19) T n-Tetratriacontane (C34)	19.093	2224403	16.463 ug/ml
20) T n-Hexatriacontane (C36)	19.831	2072740	16.792 ug/ml
21) T n-Octatriacontane (C38)	20.535	1948122	17.222 ug/ml
22) T n-Tetracontane (C40)	21.353	1937908	17.145 ug/ml

(f)=RT Delta > 1/2 Window

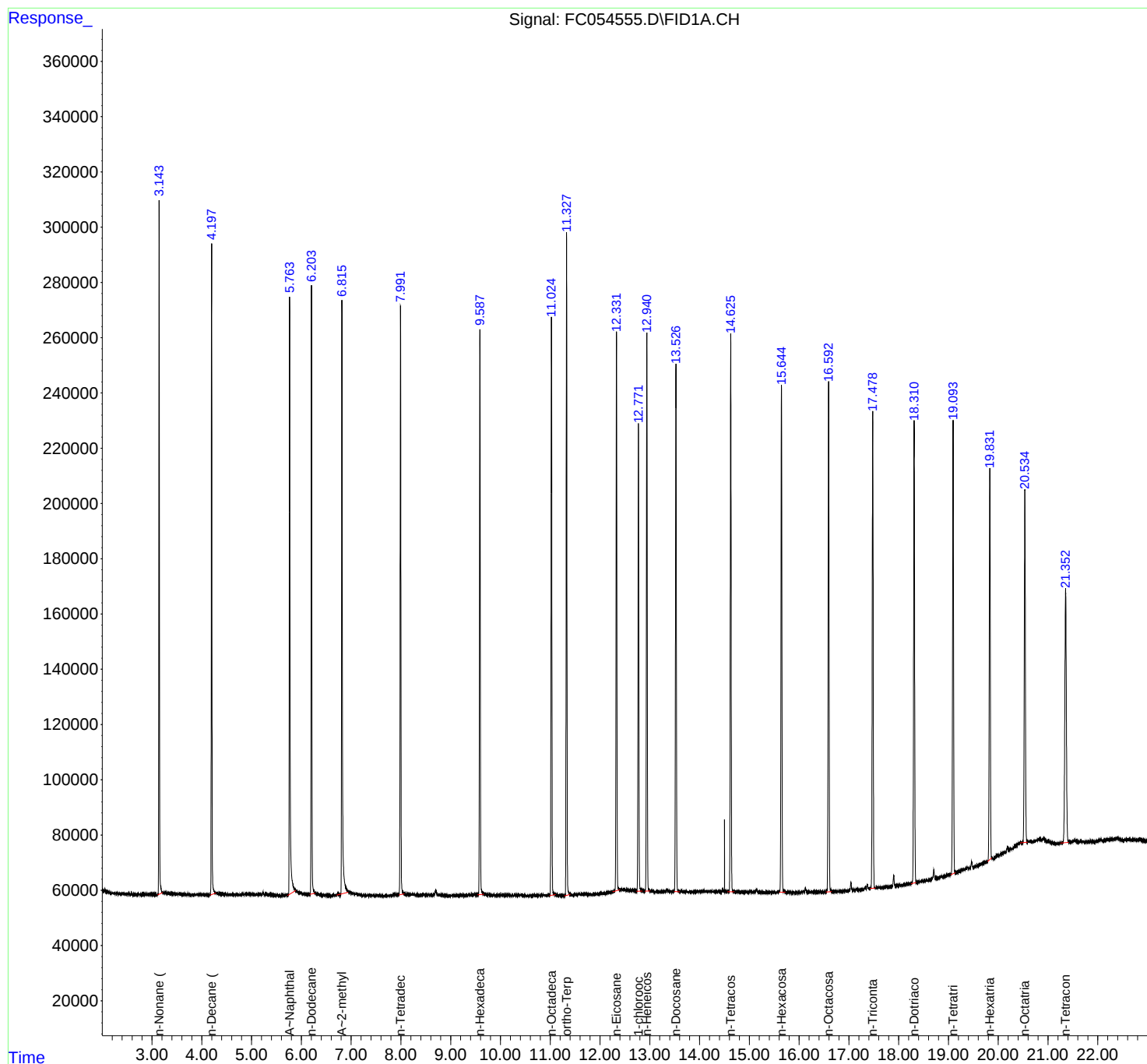
(m)=manual int.

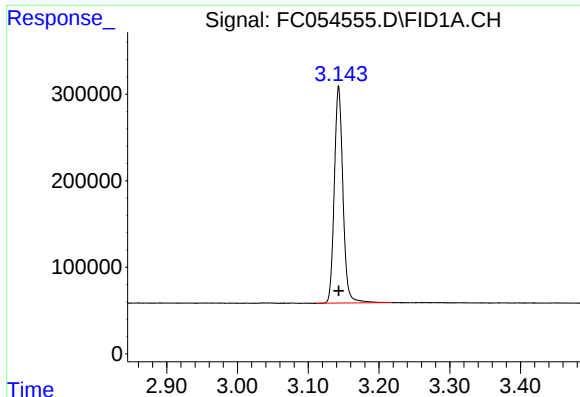
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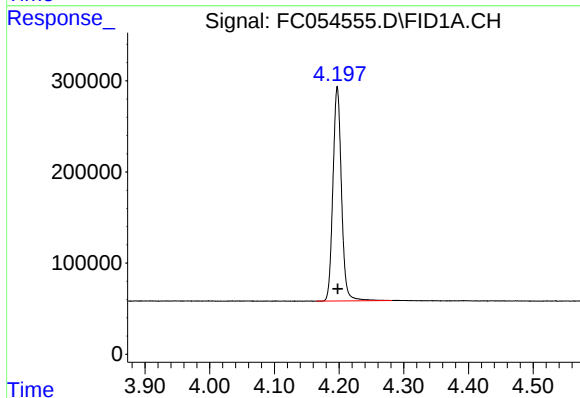




#1 n-Nonane (C9)

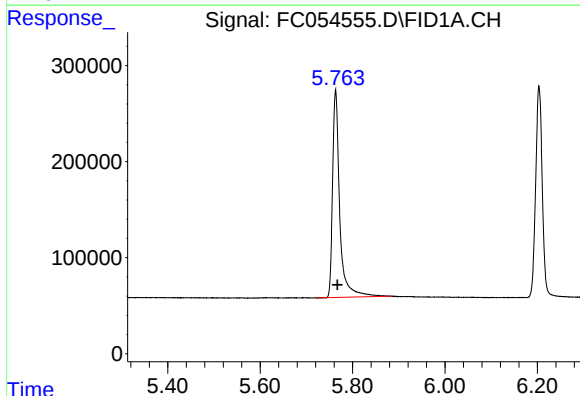
R.T.: 3.143 min
Delta R.T.: 0.000 min
Response: 2122778
Conc: 18.05 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



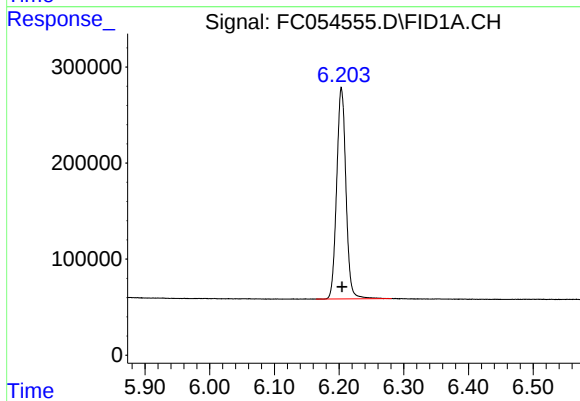
#2 n-Decane (C10)

R.T.: 4.197 min
Delta R.T.: 0.000 min
Response: 2157578
Conc: 18.17 ug/ml



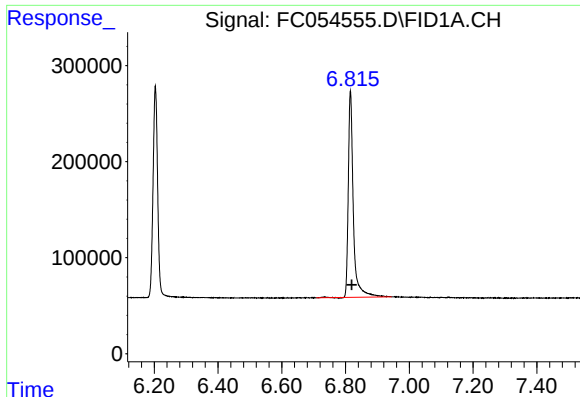
#3 A~Naphthalene (C11.7)

R.T.: 5.764 min
Delta R.T.: -0.004 min
Response: 2334774
Conc: 17.76 ug/ml



#4 n-Dodecane (C12)

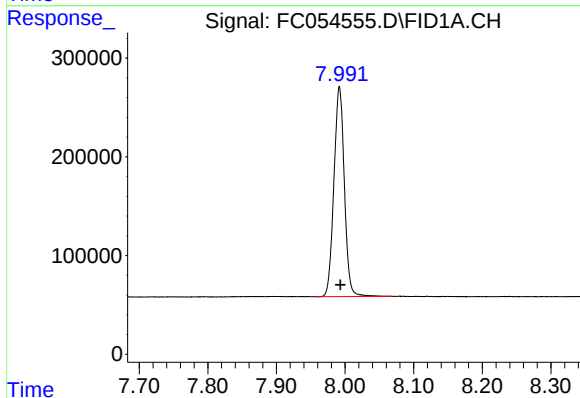
R.T.: 6.204 min
Delta R.T.: 0.000 min
Response: 2192157
Conc: 18.29 ug/ml



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

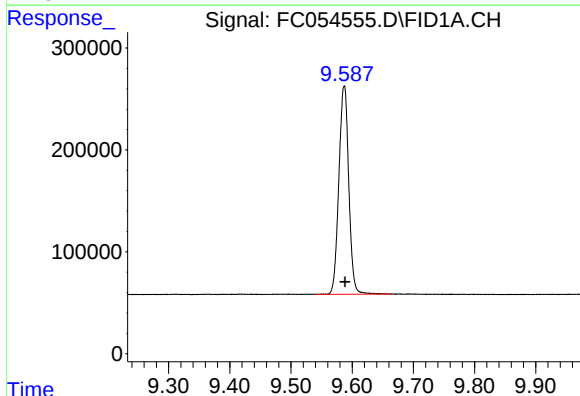
R.T.: 6.816 min
Delta R.T.: -0.004 min
Response: 2366127
Conc: 17.92 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



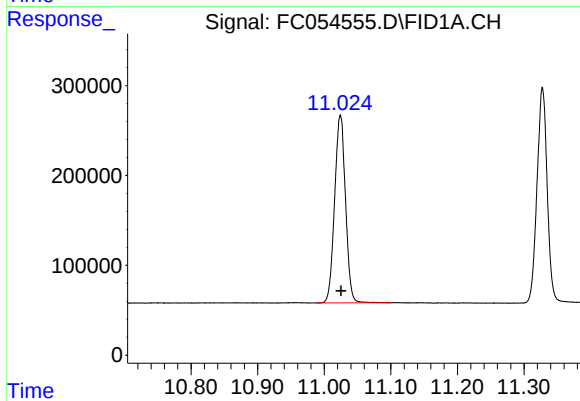
#6 n-Tetradecane (C14)

R.T.: 7.992 min
Delta R.T.: -0.001 min
Response: 2253188
Conc: 18.49 ug/ml



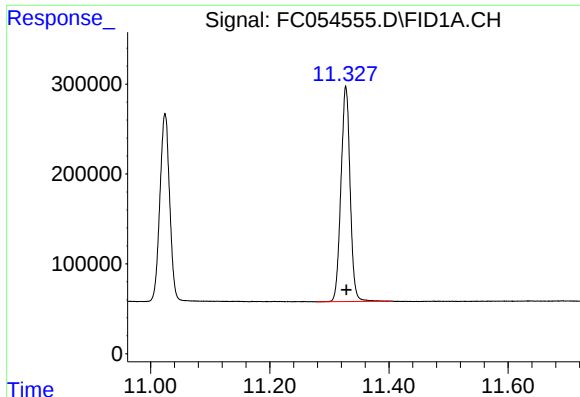
#7 n-Hexadecane (C16)

R.T.: 9.587 min
Delta R.T.: -0.001 min
Response: 2297603
Conc: 18.45 ug/ml



#8 n-Octadecane (C18)

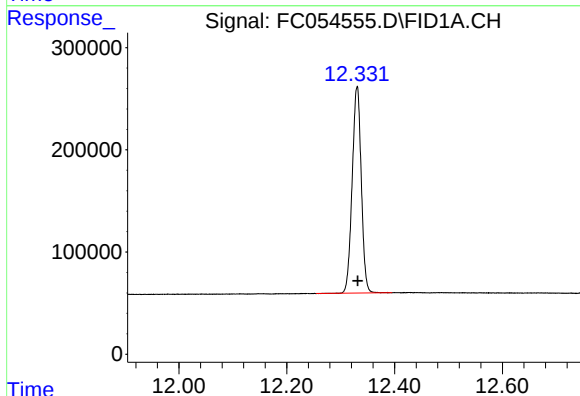
R.T.: 11.024 min
Delta R.T.: -0.001 min
Response: 2369929
Conc: 18.35 ug/ml



#9 ortho-Terphenyl (SURR)

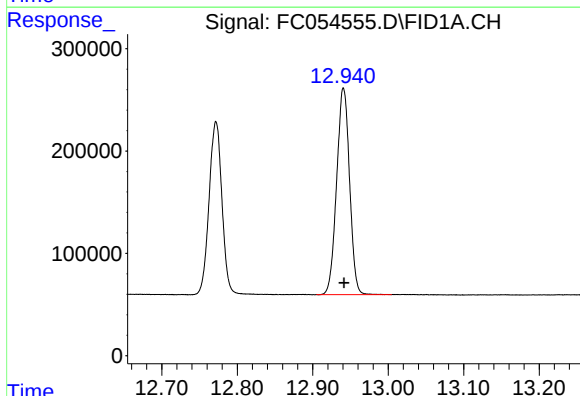
R.T.: 11.328 min
Delta R.T.: -0.001 min
Response: 2555720
Conc: 18.05 ug/ml

Instrument :
FID_C
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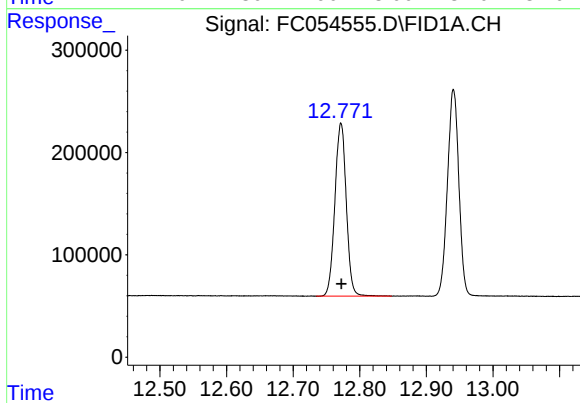
#10 n-Eicosane (C20)

R.T.: 12.330 min
Delta R.T.: -0.001 min
Response: 2366053
Conc: 18.18 ug/ml



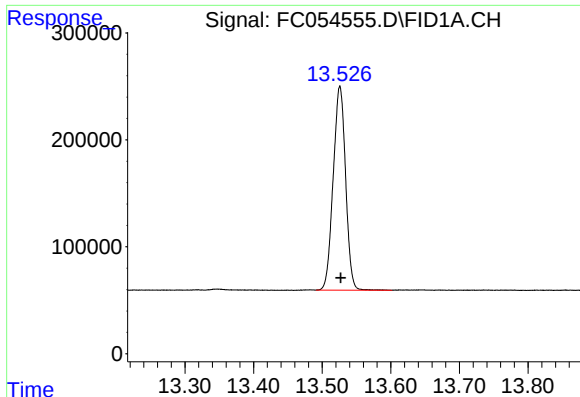
#11 n-Heneicosane (C21)

R.T.: 12.941 min
Delta R.T.: 0.000 min
Response: 2400153
Conc: 18.08 ug/ml



#12 1-chlorooctadecane (SURR)

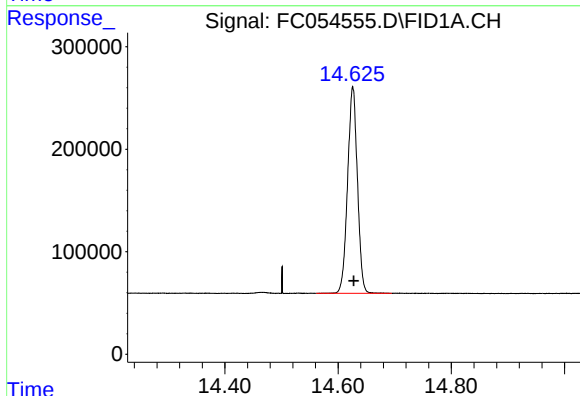
R.T.: 12.772 min
Delta R.T.: -0.001 min
Response: 2011204
Conc: 18.04 ug/ml



#13 n-Docosane (C22)

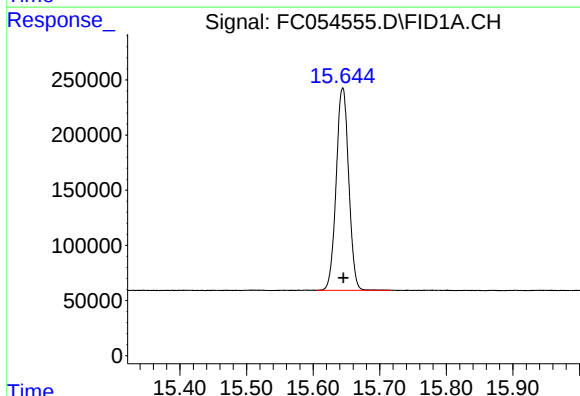
R.T.: 13.526 min
Delta R.T.: -0.001 min
Response: 2393765
Conc: 18.07 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



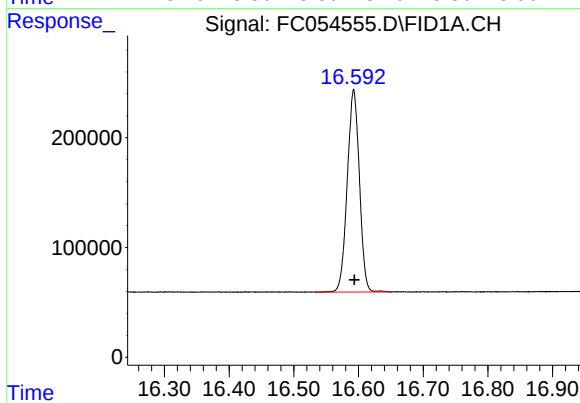
#14 n-Tetracosane (C24)

R.T.: 14.626 min
Delta R.T.: -0.002 min
Response: 2427992
Conc: 17.94 ug/ml



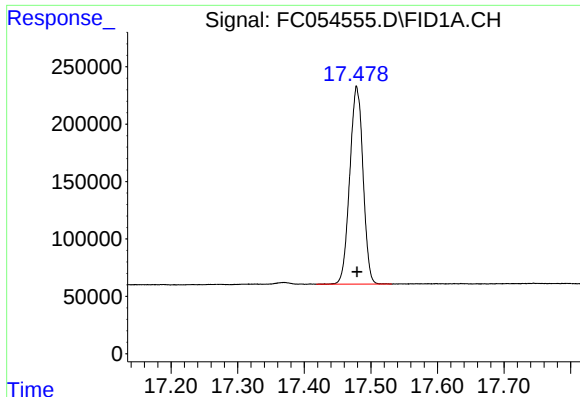
#15 n-Hexacosane (C26)

R.T.: 15.644 min
Delta R.T.: -0.001 min
Response: 2398089
Conc: 17.70 ug/ml



#16 n-Octacosane (C28)

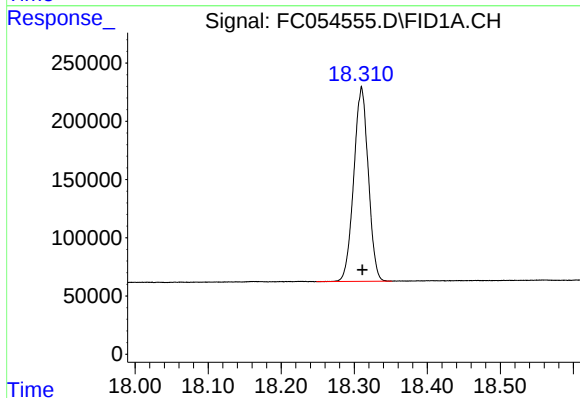
R.T.: 16.593 min
Delta R.T.: -0.001 min
Response: 2405406
Conc: 17.52 ug/ml



#17 n-Tricontane (C30)

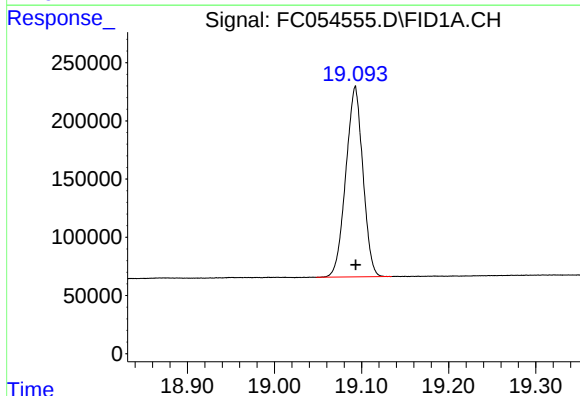
R.T.: 17.479 min
Delta R.T.: 0.000 min
Response: 2382434
Conc: 17.20 ug/ml

Instrument :
FID_C
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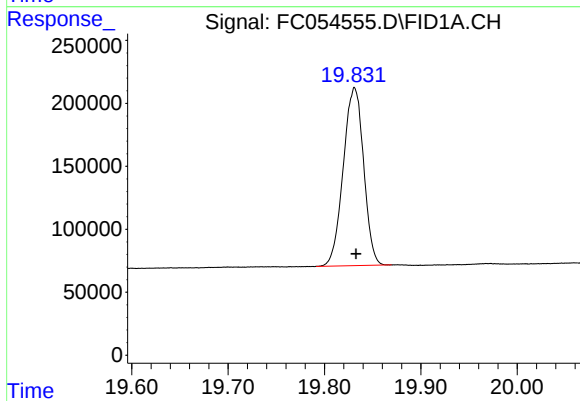
#18 n-Dotriacontane (C32)

R.T.: 18.310 min
Delta R.T.: -0.001 min
Response: 2301360
Conc: 16.82 ug/ml



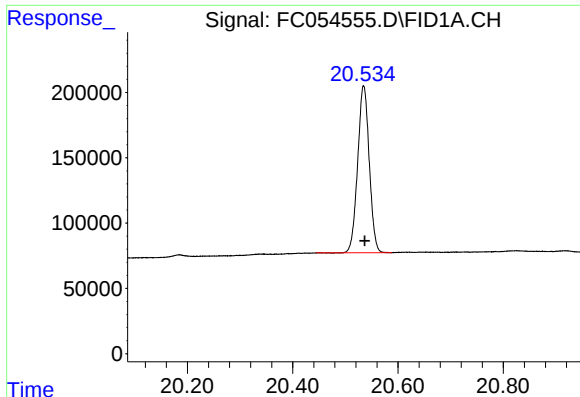
#19 n-Tetratriacontane (C34)

R.T.: 19.093 min
Delta R.T.: 0.000 min
Response: 2224403
Conc: 16.46 ug/ml



#20 n-Hexatriacontane (C36)

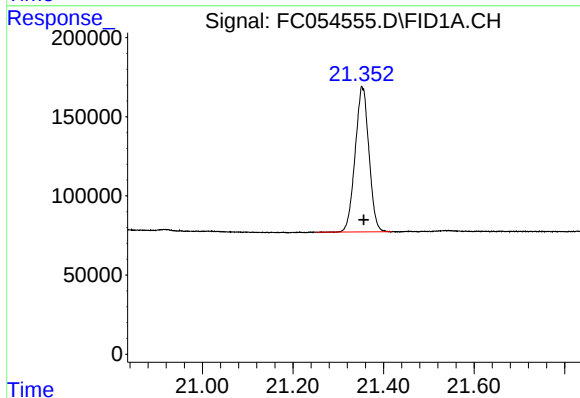
R.T.: 19.831 min
Delta R.T.: -0.002 min
Response: 2072740
Conc: 16.79 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.535 min
Delta R.T.: -0.002 min
Response: 1948122
Conc: 17.22 ug/ml

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FID_C
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#22 n-Tetracontane (C40)

R.T.: 21.353 min
Delta R.T.: -0.003 min
Response: 1937908
Conc: 17.15 ug/ml