

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC032221AL\
 Data File : FC052604.D
 Signal(s) : FID1A.CH
 Acq On : 22 Mar 2021 10:25
 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: Mar 23 01:41:22 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 031721.M
 Quant Title : GC Extractables
 QLast Update : Wed Mar 17 03:47:28 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)	11.563	2687868	20.053 ug/ml
Spiked Amount 50.000		Recovery =	40.11%
12) S 1-chlorooctadecane (S...	13.000	2115412	19.613 ug/ml
Spiked Amount 50.000		Recovery =	39.23%
Target Compounds			
1) T n-Nonane (C9)	3.326	2448009	21.076 ug/ml
2) T n-Decane (C10)	4.391	2480255	21.165 ug/ml
3) T A~Naphthalene (C11.7)	5.976	2752173	21.021 ug/ml
4) T n-Dodecane (C12)	6.410	2546596	21.210 ug/ml
5) T A~2-methylnaphthalene...	7.032	2821536	21.078 ug/ml
6) T n-Tetradecane (C14)	8.205	2554620	21.122 ug/ml
7) T n-Hexadecane (C16)	9.806	2508274	20.855 ug/ml
8) T n-Octadecane (C18)	11.247	2575039	20.409 ug/ml
10) T n-Eicosane (C20)	12.555	2535053	19.853 ug/ml
11) T n-Heneicosane (C21)	13.167	2491158	19.599 ug/ml
13) T n-Docosane (C22)	13.754	2443835	19.291 ug/ml
14) T n-Tetracosane (C24)	14.857	2332152	18.669 ug/ml
15) T n-Hexacosane (C26)	15.876	2184603	18.143 ug/ml
16) T n-Octacosane (C28)	16.825	2069753	17.952 ug/ml
17) T n-Tricontane (C30)	17.712	1977369	18.149 ug/ml
18) T n-Dotriacontane (C32)	18.544	1888996	18.826 ug/ml
19) T n-Tetratriacontane (C34)	19.326	1839290	20.010 ug/ml
20) T n-Hexatriacontane (C36)	20.063	1798104	19.719 ug/ml
21) T n-Octatriacontane (C38)	20.794	1743435	21.362 ug/ml
22) T n-Tetracontane (C40)	21.697	1820881	21.139 ug/ml

(f)=RT Delta > 1/2 Window

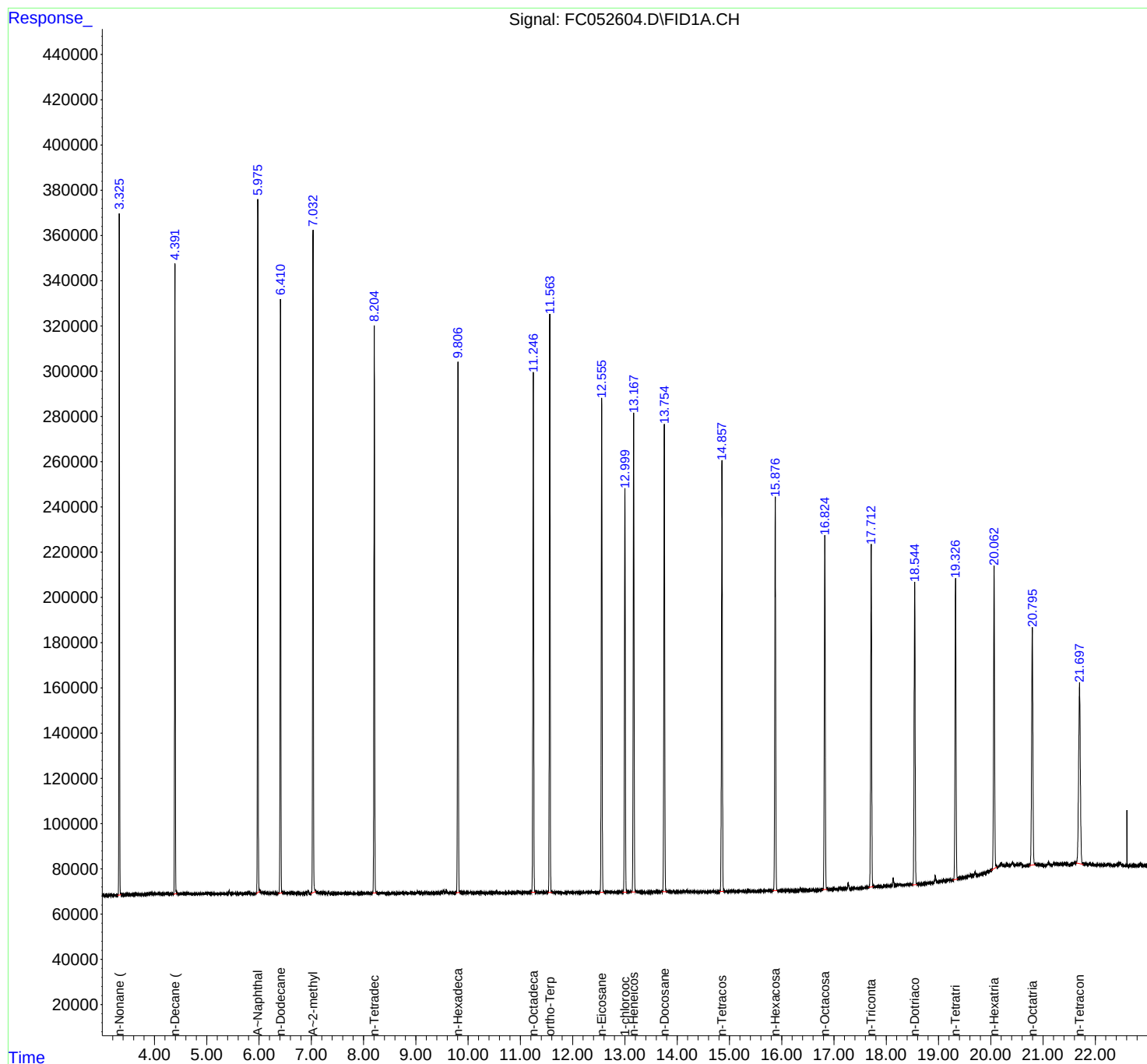
(m)=manual int.

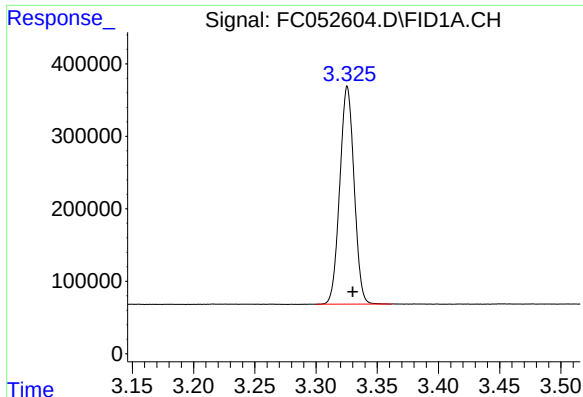
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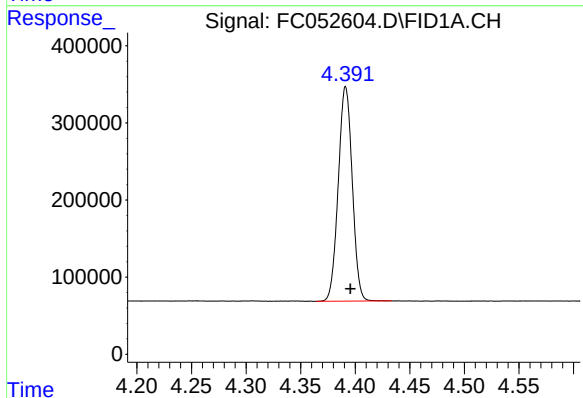




#1 n-Nonane (C9)

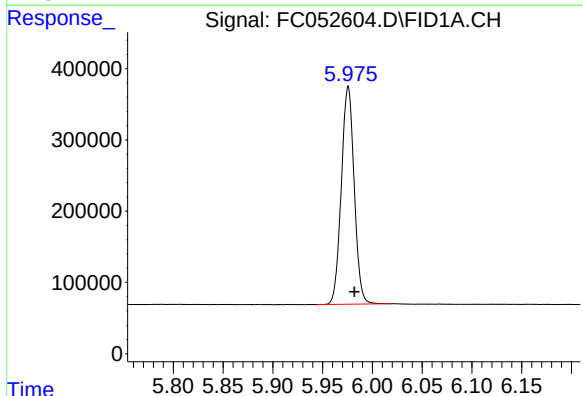
R.T.: 3.326 min
Delta R.T.: -0.004 min
Response: 2448009
Conc: 21.08 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



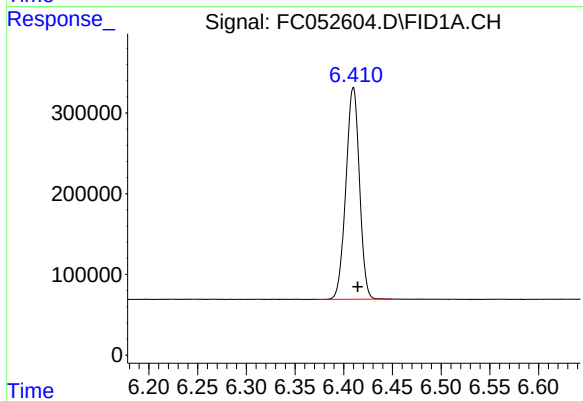
#2 n-Decane (C10)

R.T.: 4.391 min
Delta R.T.: -0.004 min
Response: 2480255
Conc: 21.17 ug/ml



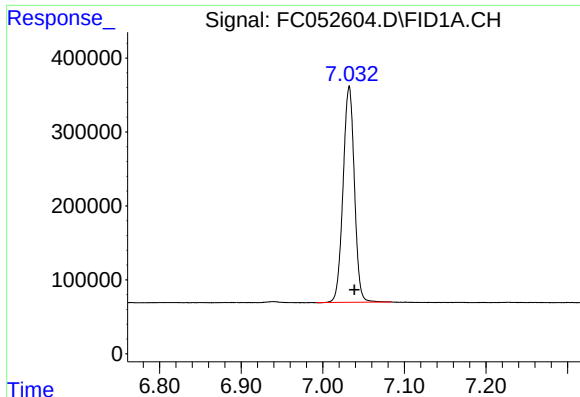
#3 A~Naphthalene (C11.7)

R.T.: 5.976 min
Delta R.T.: -0.006 min
Response: 2752173
Conc: 21.02 ug/ml



#4 n-Dodecane (C12)

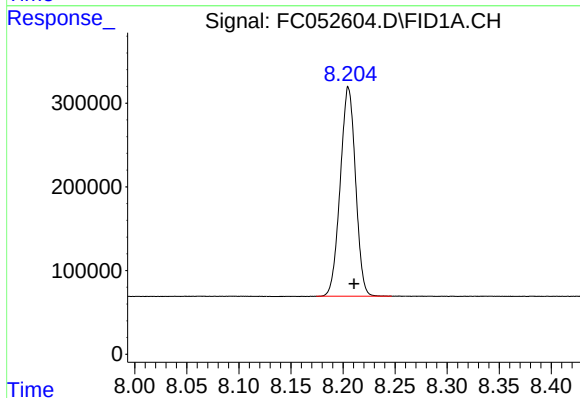
R.T.: 6.410 min
Delta R.T.: -0.005 min
Response: 2546596
Conc: 21.21 ug/ml



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

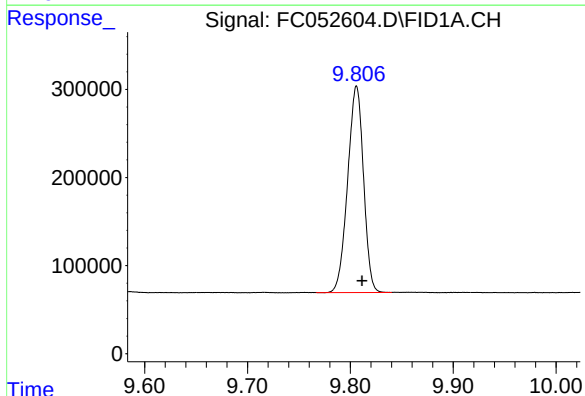
R.T.: 7.032 min
Delta R.T.: -0.006 min
Response: 2821536
Conc: 21.08 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



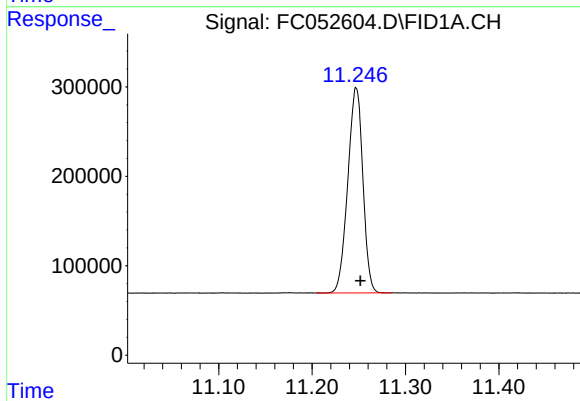
#6 n-Tetradecane (C14)

R.T.: 8.205 min
Delta R.T.: -0.005 min
Response: 2554620
Conc: 21.12 ug/ml



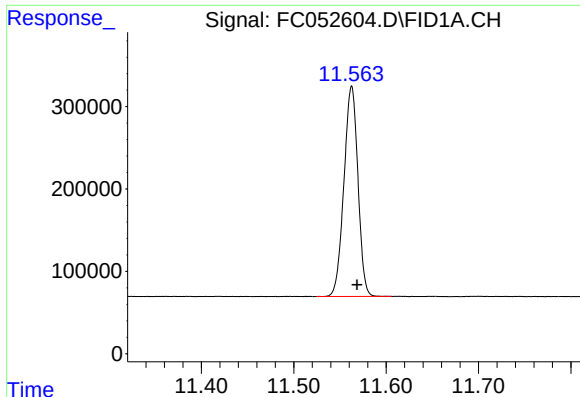
#7 n-Hexadecane (C16)

R.T.: 9.806 min
Delta R.T.: -0.005 min
Response: 2508274
Conc: 20.86 ug/ml



#8 n-Octadecane (C18)

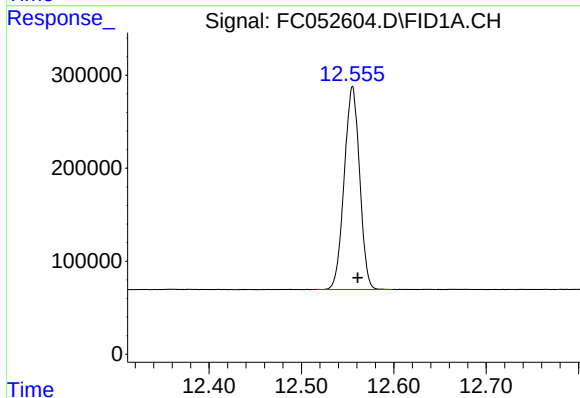
R.T.: 11.247 min
Delta R.T.: -0.004 min
Response: 2575039
Conc: 20.41 ug/ml



#9 ortho-Terphenyl (SURR)

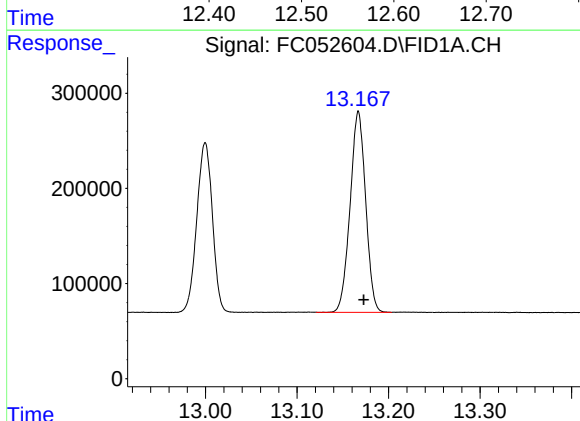
R.T.: 11.563 min
Delta R.T.: -0.006 min
Response: 2687868
Conc: 20.05 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



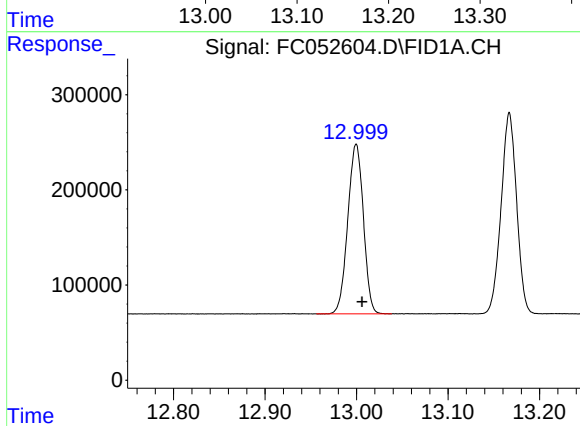
#10 n-Eicosane (C20)

R.T.: 12.555 min
Delta R.T.: -0.006 min
Response: 2535053
Conc: 19.85 ug/ml



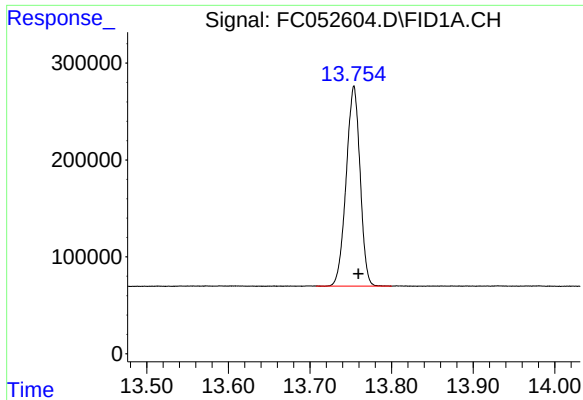
#11 n-Heneicosane (C21)

R.T.: 13.167 min
Delta R.T.: -0.006 min
Response: 2491158
Conc: 19.60 ug/ml



#12 1-chlorooctadecane (SURR)

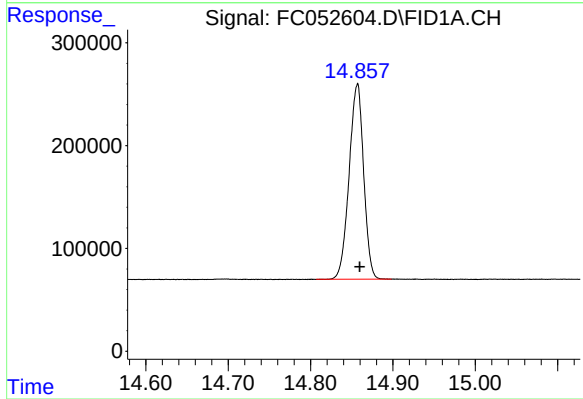
R.T.: 13.000 min
Delta R.T.: -0.006 min
Response: 2115412
Conc: 19.61 ug/ml



#13 n-Docosane (C22)

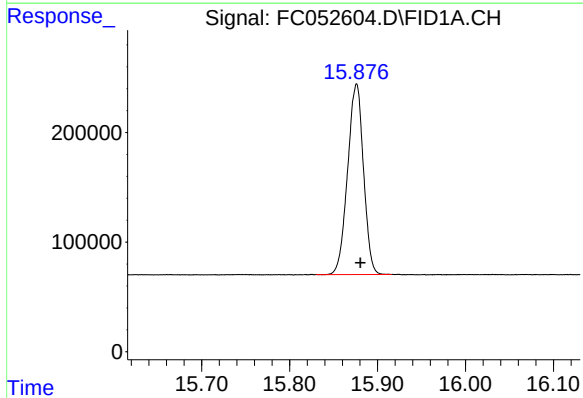
R.T.: 13.754 min
Delta R.T.: -0.005 min
Response: 2443835
Conc: 19.29 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



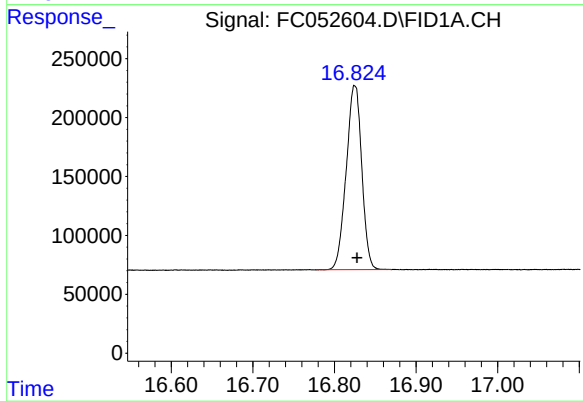
#14 n-Tetracosane (C24)

R.T.: 14.857 min
Delta R.T.: -0.003 min
Response: 2332152
Conc: 18.67 ug/ml



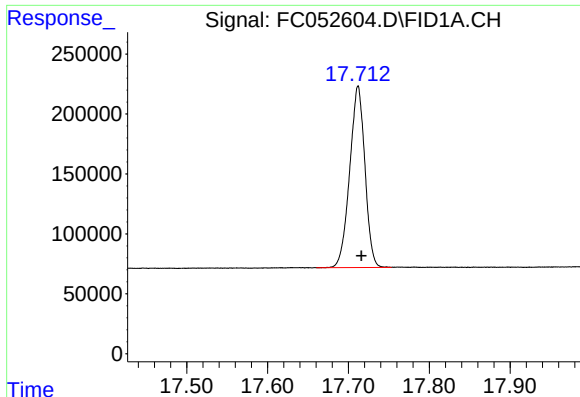
#15 n-Hexacosane (C26)

R.T.: 15.876 min
Delta R.T.: -0.004 min
Response: 2184603
Conc: 18.14 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.825 min
Delta R.T.: -0.003 min
Response: 2069753
Conc: 17.95 ug/ml



#17 n-Tricontane (C30)

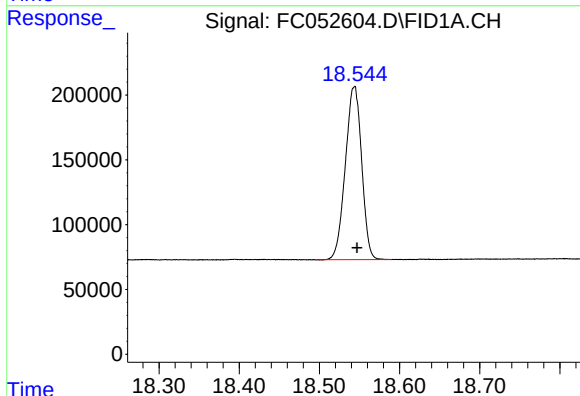
R.T.: 17.712 min

Delta R.T.: -0.004 min

Response: 1977369

Conc: 18.15 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



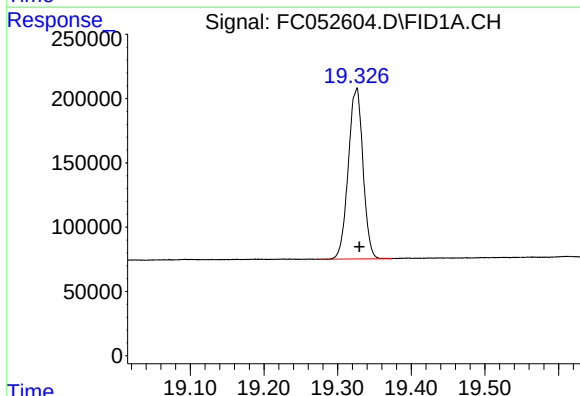
#18 n-Dotriacontane (C32)

R.T.: 18.544 min

Delta R.T.: -0.004 min

Response: 1888996

Conc: 18.83 ug/ml



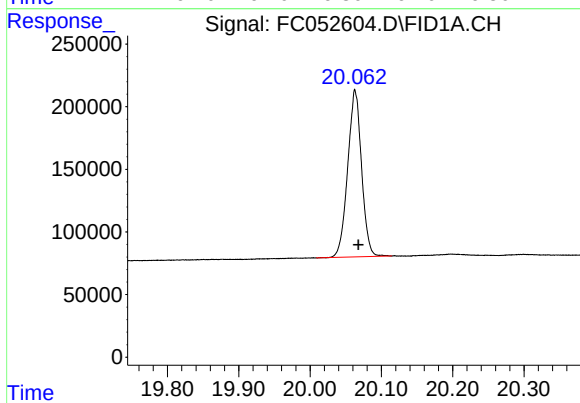
#19 n-Tetratriacontane (C34)

R.T.: 19.326 min

Delta R.T.: -0.003 min

Response: 1839290

Conc: 20.01 ug/ml



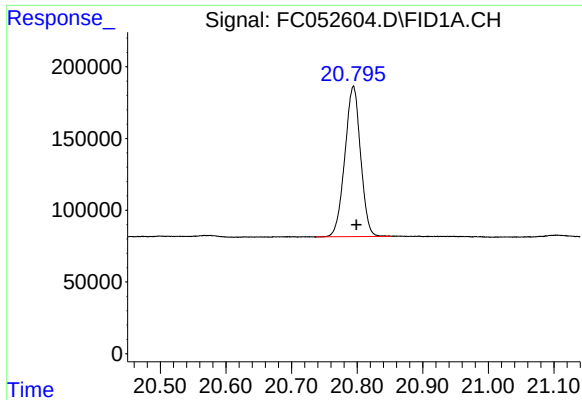
#20 n-Hexatriacontane (C36)

R.T.: 20.063 min

Delta R.T.: -0.005 min

Response: 1798104

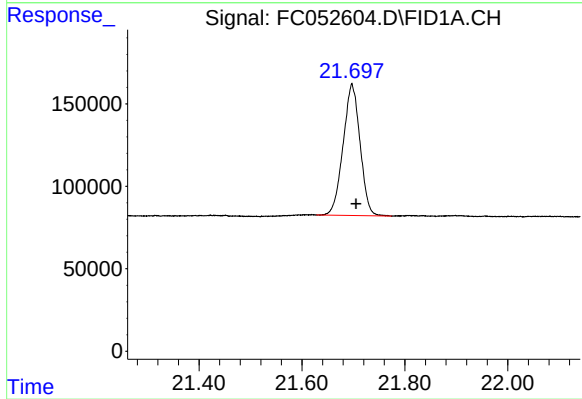
Conc: 19.72 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.794 min
Delta R.T.: -0.005 min
Response: 1743435
Conc: 21.36 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.697 min
Delta R.T.: -0.008 min
Response: 1820881
Conc: 21.14 ug/ml