

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC120220AL\
 Data File : FC051088.D
 Signal(s) : FID1A.CH
 Acq On : 03 Dec 2020 7:35
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATI HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 20 PPM ALIPHATI HC STD

Integration File: autoint1.e
 Quant Time: Dec 03 07:59:49 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)	11.590	2436975	19.806 ug/ml
Spiked Amount 50.000		Recovery =	39.61%
12) S 1-chlorooctadecane (S...	13.024	1889029	19.364 ug/ml
Spiked Amount 50.000		Recovery =	38.73%
Target Compounds			
1) T n-Nonane (C9)	3.346	2296908	21.583 ug/ml
2) T n-Decane (C10)	4.415	2320181	21.846 ug/ml
3) T A~Naphthalene (C11.7)	6.006	2442093	21.722 ug/ml
4) T n-Dodecane (C12)	6.434	2376905	21.845 ug/ml
5) T A~2-methylnaphthalene...	7.064	2456063	21.732 ug/ml
6) T n-Tetradecane (C14)	8.229	2352132	21.739 ug/ml
7) T n-Hexadecane (C16)	9.829	2290182	21.341 ug/ml
8) T n-Octadecane (C18)	11.271	2354609	20.644 ug/ml
10) T n-Eicosane (C20)	12.579	2311164	19.895 ug/ml
11) T n-Heneicosane (C21)	13.191	2263721	19.538 ug/ml
13) T n-Docosane (C22)	13.775	2249802	19.425 ug/ml
14) T n-Tetracosane (C24)	14.878	2164923	18.824 ug/ml
15) T n-Hexacosane (C26)	15.898	2111075	18.749 ug/ml
16) T n-Octacosane (C28)	16.845	2084584	18.826 ug/ml
17) T n-Tricontane (C30)	17.732	2033171	19.140 ug/ml
18) T n-Dotriacontane (C32)	18.563	1922698	19.678 ug/ml
19) T n-Tetratriacontane (C34)	19.344	1818271	20.373 ug/ml
20) T n-Hexatriacontane (C36)	20.084	1733642	20.786 ug/ml
21) T n-Octatriacontane (C38)	20.819	1671551	21.464 ug/ml
22) T n-Tetracontane (C40)	21.739	1730162	20.896 ug/ml

(f)=RT Delta > 1/2 Window

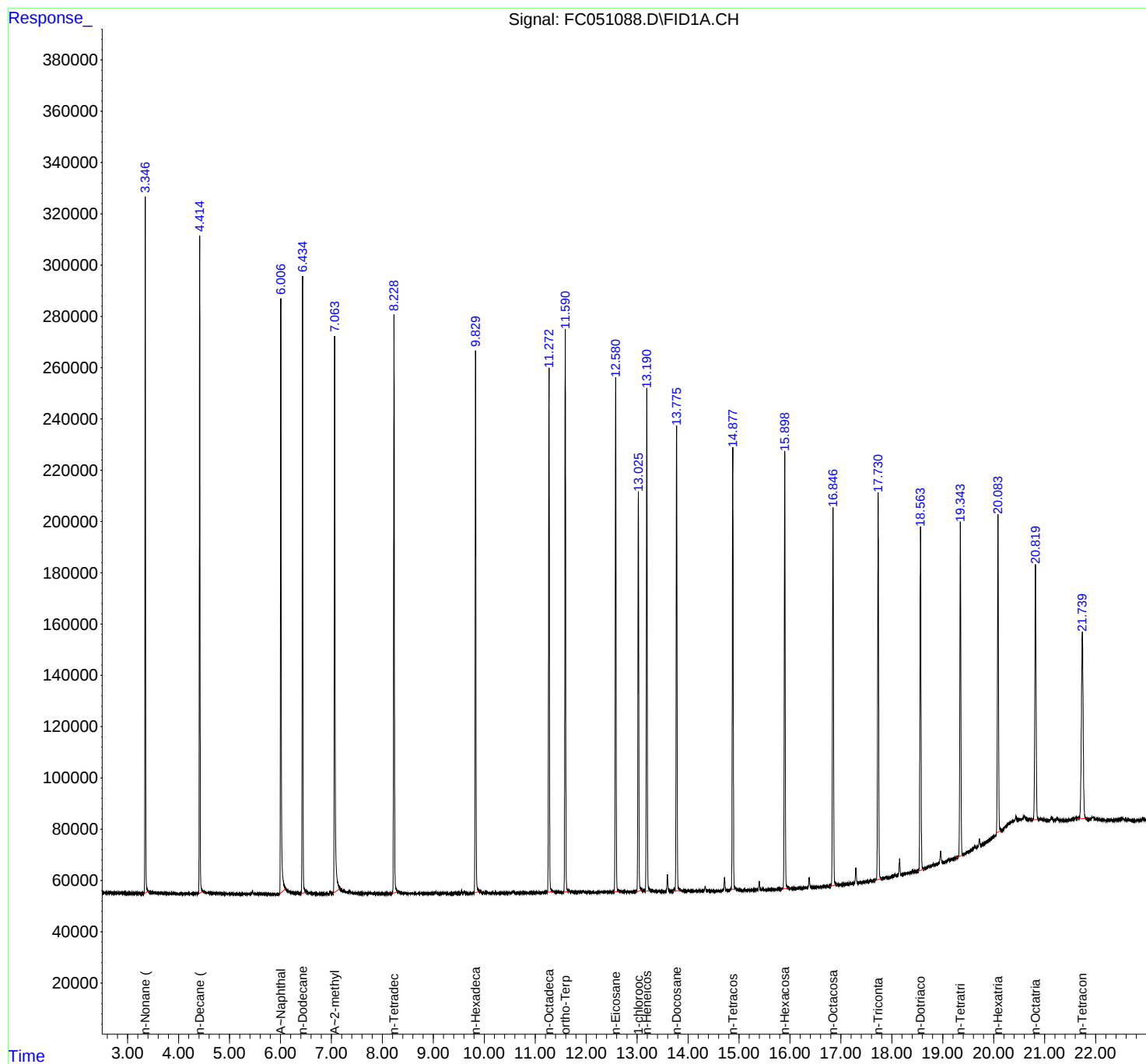
(m)=manual int.

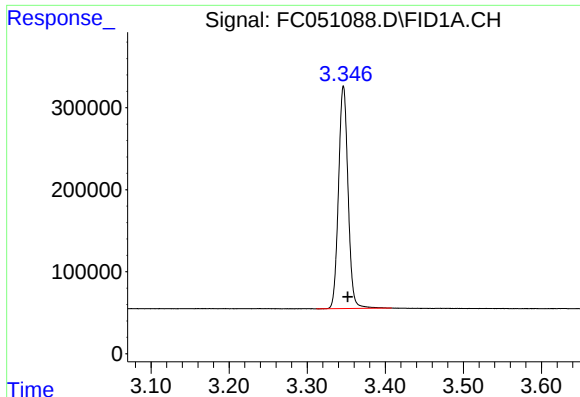
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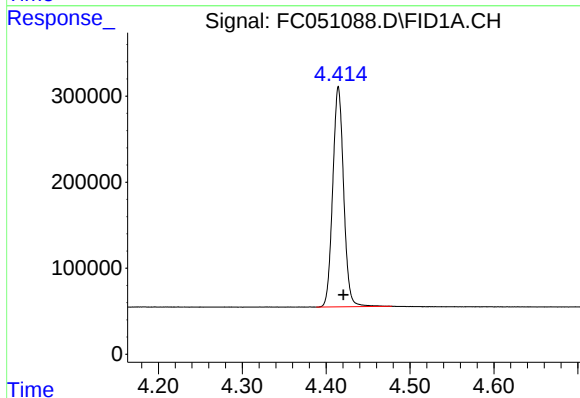




#1 n-Nonane (C9)

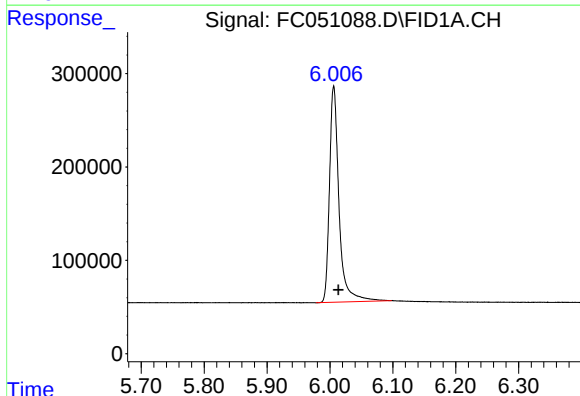
R.T.: 3.346 min
Delta R.T.: -0.006 min
Response: 2296908
Conc: 21.58 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



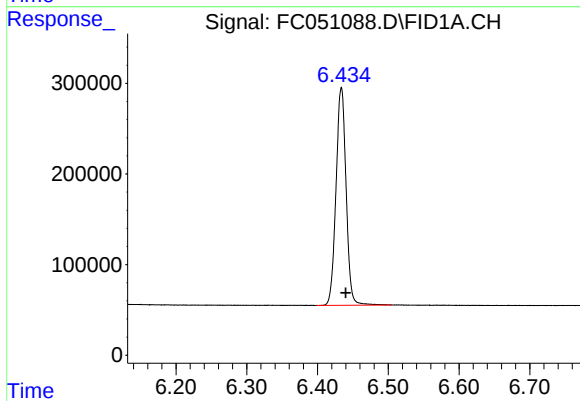
#2 n-Decane (C10)

R.T.: 4.415 min
Delta R.T.: -0.006 min
Response: 2320181
Conc: 21.85 ug/ml



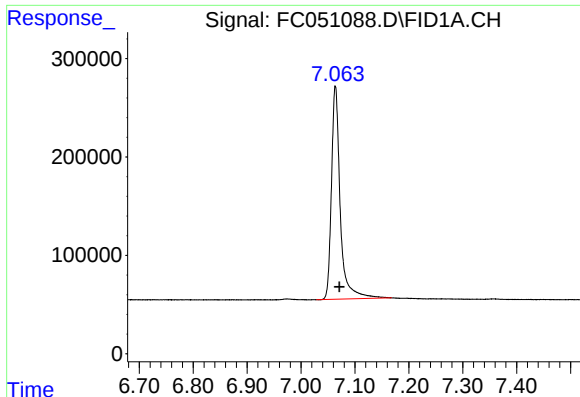
#3 A~Naphthalene (C11.7)

R.T.: 6.006 min
Delta R.T.: -0.007 min
Response: 2442093
Conc: 21.72 ug/ml



#4 n-Dodecane (C12)

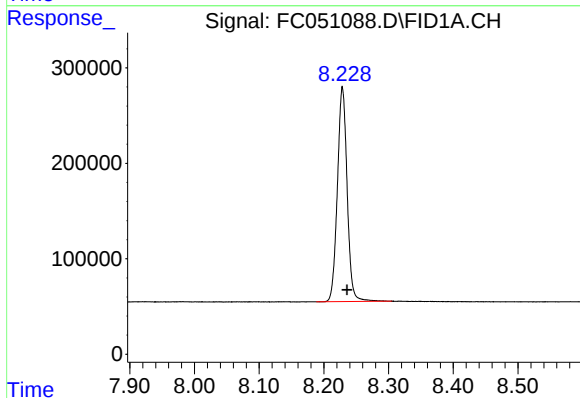
R.T.: 6.434 min
Delta R.T.: -0.006 min
Response: 2376905
Conc: 21.85 ug/ml



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

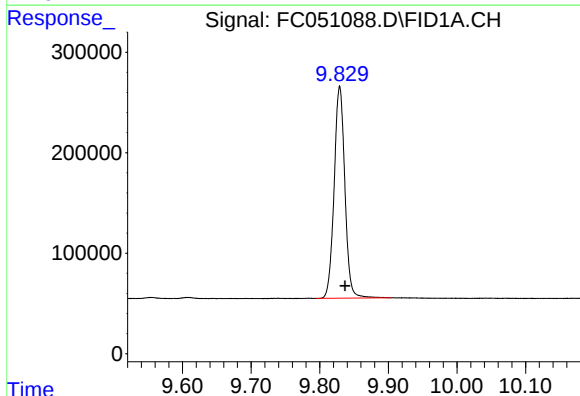
R.T.: 7.064 min
Delta R.T.: -0.007 min
Response: 2456063
Conc: 21.73 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



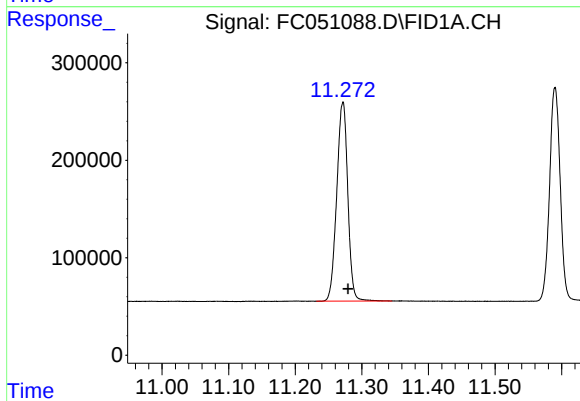
#6 n-Tetradecane (C14)

R.T.: 8.229 min
Delta R.T.: -0.007 min
Response: 2352132
Conc: 21.74 ug/ml



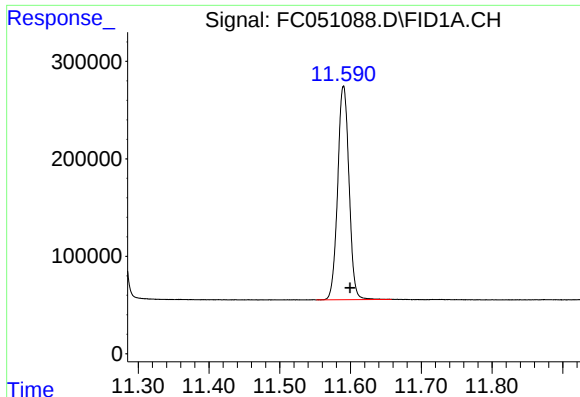
#7 n-Hexadecane (C16)

R.T.: 9.829 min
Delta R.T.: -0.008 min
Response: 2290182
Conc: 21.34 ug/ml



#8 n-Octadecane (C18)

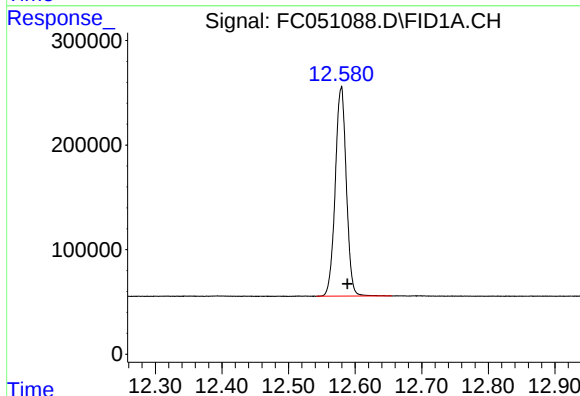
R.T.: 11.271 min
Delta R.T.: -0.008 min
Response: 2354609
Conc: 20.64 ug/ml



#9 ortho-Terphenyl (SURR)

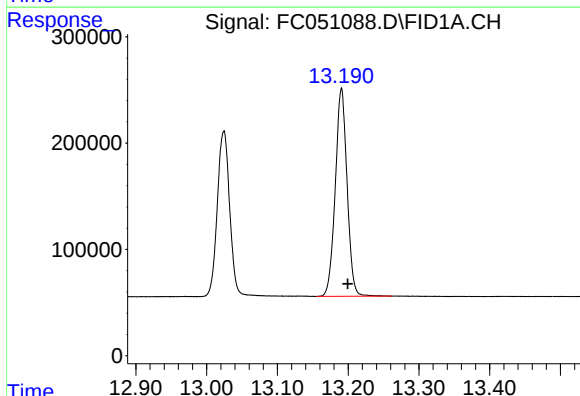
R.T.: 11.590 min
Delta R.T.: -0.009 min
Response: 2436975
Conc: 19.81 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



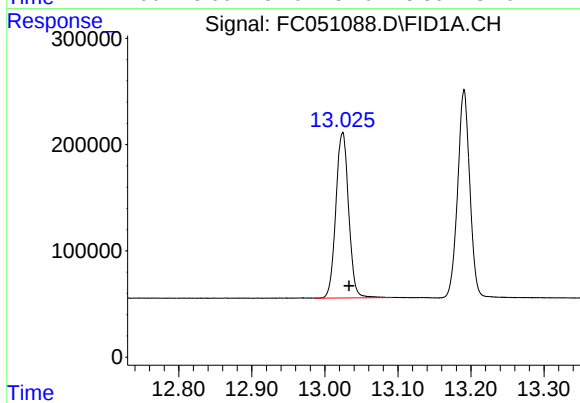
#10 n-Eicosane (C20)

R.T.: 12.579 min
Delta R.T.: -0.009 min
Response: 2311164
Conc: 19.89 ug/ml



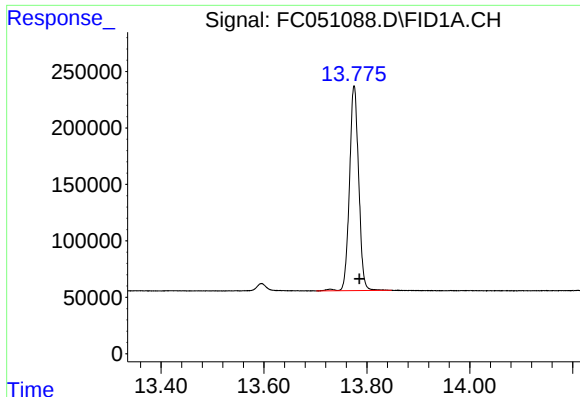
#11 n-Heneicosane (C21)

R.T.: 13.191 min
Delta R.T.: -0.009 min
Response: 2263721
Conc: 19.54 ug/ml



#12 1-chlorooctadecane (SURR)

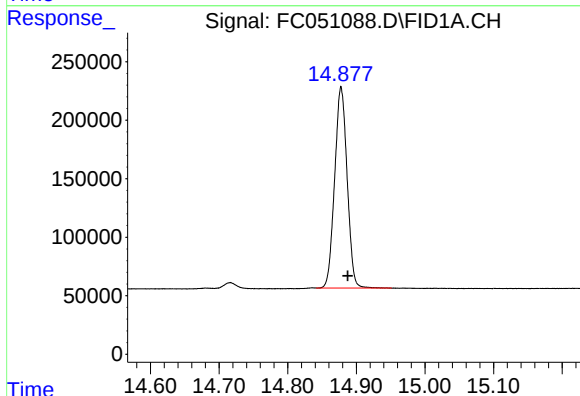
R.T.: 13.024 min
Delta R.T.: -0.009 min
Response: 1889029
Conc: 19.36 ug/ml



#13 n-Docosane (C22)

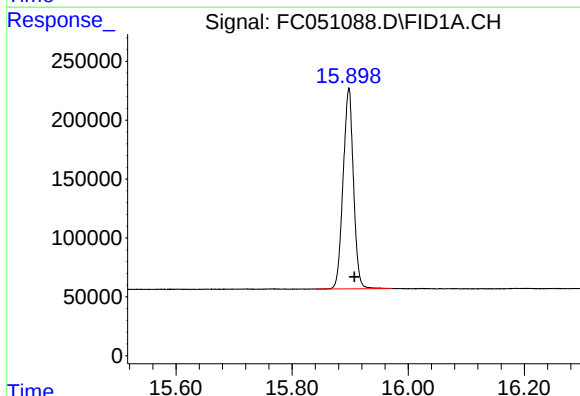
R.T.: 13.775 min
Delta R.T.: -0.010 min
Response: 2249802
Conc: 19.42 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



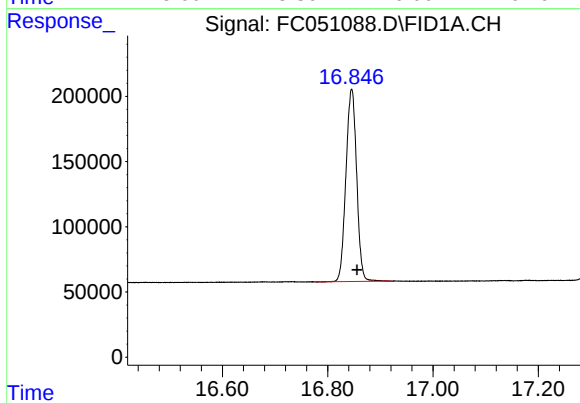
#14 n-Tetracosane (C24)

R.T.: 14.878 min
Delta R.T.: -0.009 min
Response: 2164923
Conc: 18.82 ug/ml



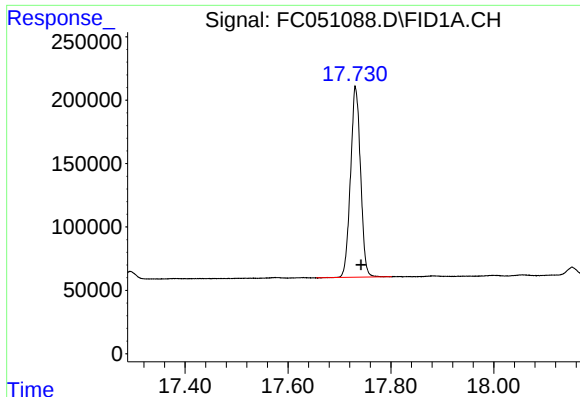
#15 n-Hexacosane (C26)

R.T.: 15.898 min
Delta R.T.: -0.010 min
Response: 2111075
Conc: 18.75 ug/ml



#16 n-Octacosane (C28)

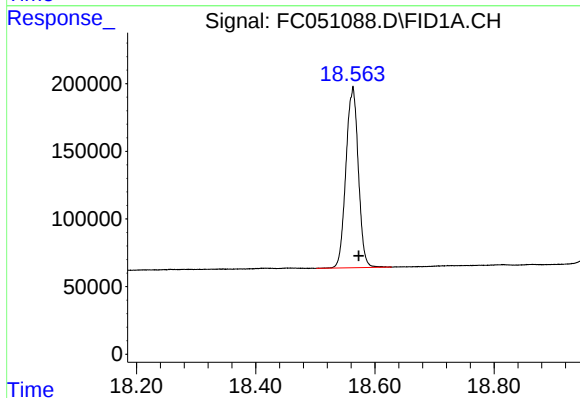
R.T.: 16.845 min
Delta R.T.: -0.011 min
Response: 2084584
Conc: 18.83 ug/ml



#17 n-Tricontane (C30)

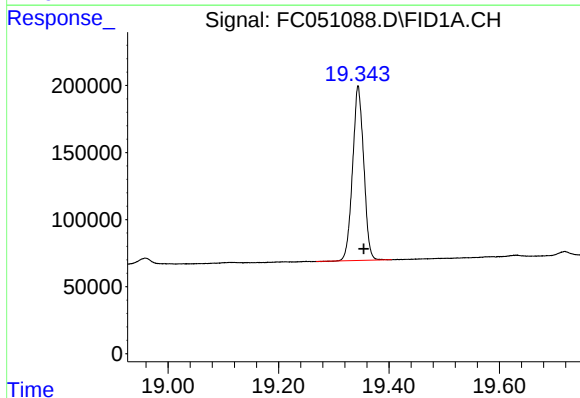
R.T.: 17.732 min
Delta R.T.: -0.010 min
Response: 2033171
Conc: 19.14 ug/ml

Instrument :
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ClientSampleId :
20 PPM ALIPHATIC HC STD



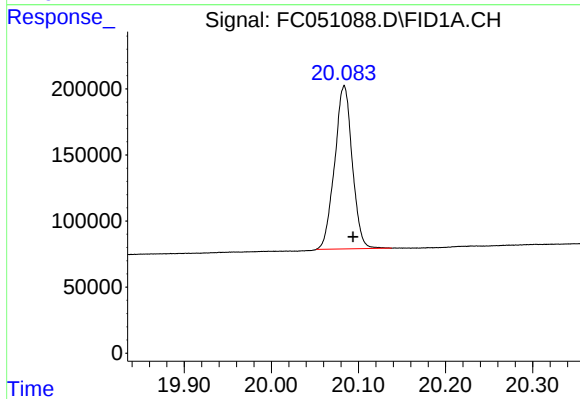
#18 n-Dotriacontane (C32)

R.T.: 18.563 min
Delta R.T.: -0.010 min
Response: 1922698
Conc: 19.68 ug/ml



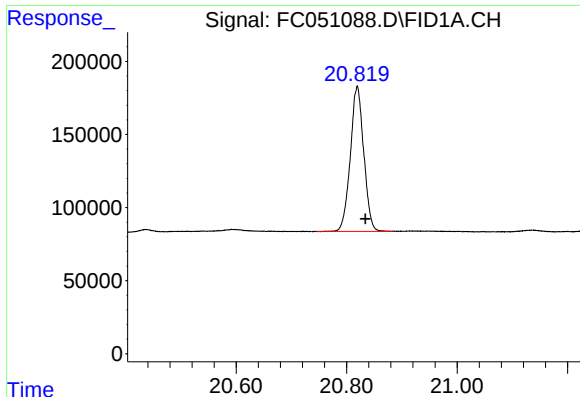
#19 n-Tetratriacontane (C34)

R.T.: 19.344 min
Delta R.T.: -0.010 min
Response: 1818271
Conc: 20.37 ug/ml



#20 n-Hexatriacontane (C36)

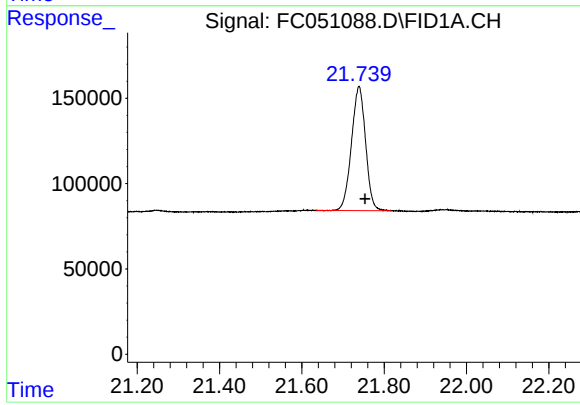
R.T.: 20.084 min
Delta R.T.: -0.010 min
Response: 1733642
Conc: 20.79 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.819 min
Delta R.T.: -0.015 min
Response: 1671551
Conc: 21.46 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 21.739 min
Delta R.T.: -0.015 min
Response: 1730162
Conc: 20.90 ug/ml