

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC062420AL\
 Data File : FC048036.D
 Signal(s) : FID1A.CH
 Acq On : 24 Jun 2020 11:04
 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: Jun 25 01:52:42 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 060920.M
 Quant Title : GC Extractables
 QLast Update : Wed Jun 10 08:39:57 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)	11.725	2346252	19.559 ug/ml
Spiked Amount 50.000		Recovery =	39.12%
12) S 1-chlorooctadecane (S...	13.139	1883508	19.232 ug/ml
Spiked Amount 50.000		Recovery =	38.46%
Target Compounds			
1) T n-Nonane (C9)	3.537	2119947	21.184 ug/ml
2) T n-Decane (C10)	4.599	2151634	21.414 ug/ml
3) T A~Naphthalene (C11.7)	6.199	2116716	20.979 ug/ml
4) T n-Dodecane (C12)	6.599	2237538	21.374 ug/ml
5) T A~2-methylnaphthalene...	7.246	2132285	20.601 ug/ml
6) T n-Tetradecane (C14)	8.376	2231188	21.259 ug/ml
7) T n-Hexadecane (C16)	9.962	2205011	21.105 ug/ml
8) T n-Octadecane (C18)	11.392	2273551	20.453 ug/ml
10) T n-Eicosane (C20)	12.691	2247197	19.746 ug/ml
11) T n-Heneicosane (C21)	13.299	2215495	19.361 ug/ml
13) T n-Docosane (C22)	13.882	2172313	18.938 ug/ml
14) T n-Tetracosane (C24)	14.977	2092174	18.206 ug/ml
15) T n-Hexacosane (C26)	15.992	2001075	17.519 ug/ml
16) T n-Octacosane (C28)	16.937	1958682	17.233 ug/ml
17) T n-Tricontane (C30)	17.818	1917723	17.498 ug/ml
18) T n-Dotriacontane (C32)	18.645	1783611	17.992 ug/ml
19) T n-Tetratriacontane (C34)	19.423	1698130	18.542 ug/ml
20) T n-Hexatriacontane (C36)	20.157	1644967	19.182 ug/ml
21) T n-Octatriacontane (C38)	20.910	1576405	19.795 ug/ml
22) T n-Tetracontane (C40)	21.849	1612194	20.390 ug/ml

(f)=RT Delta > 1/2 Window

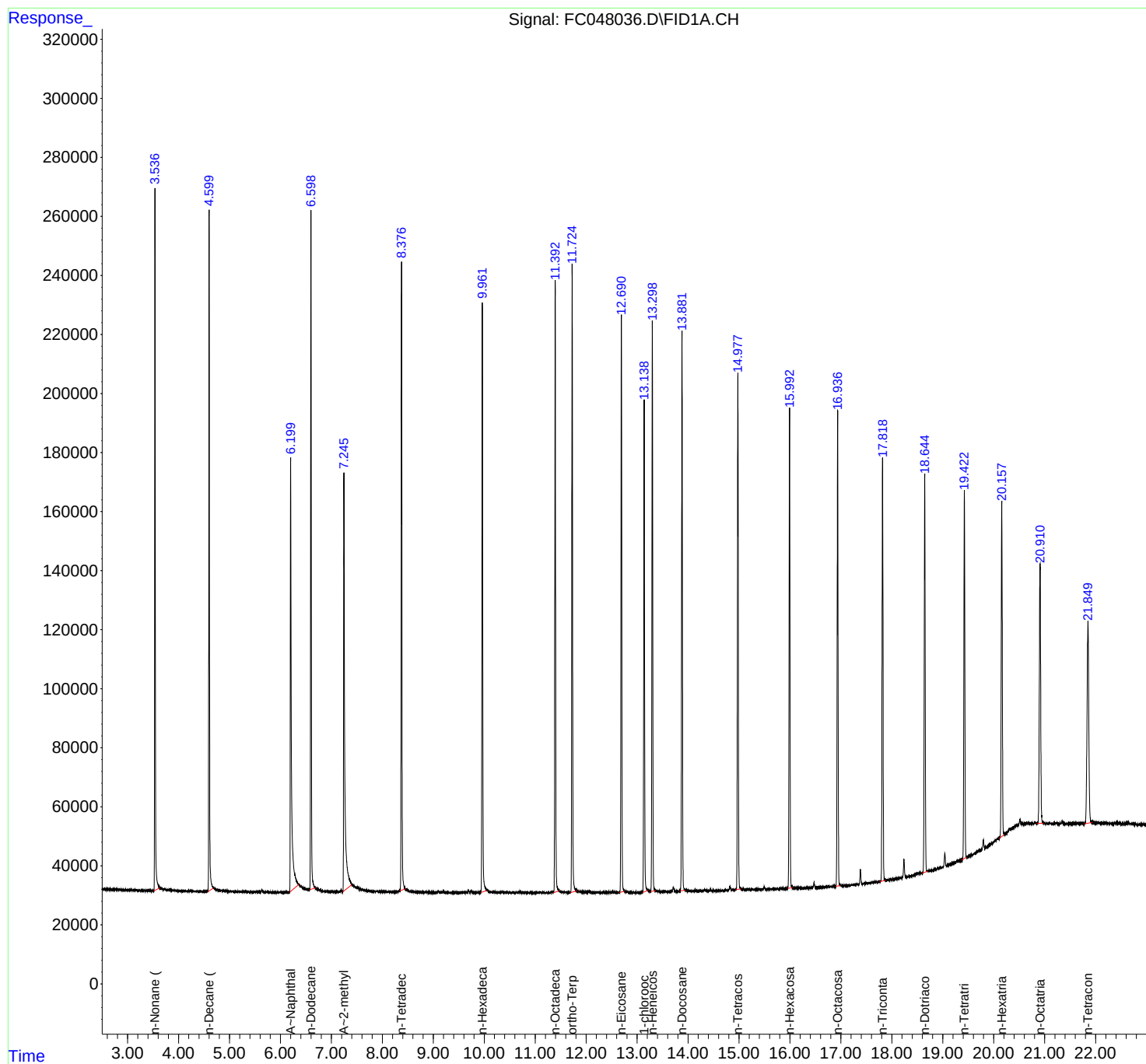
(m)=manual int.

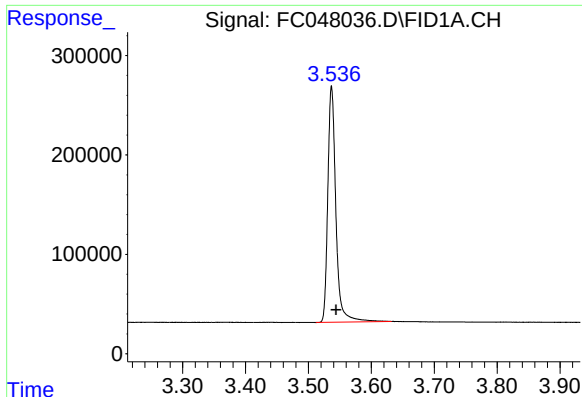
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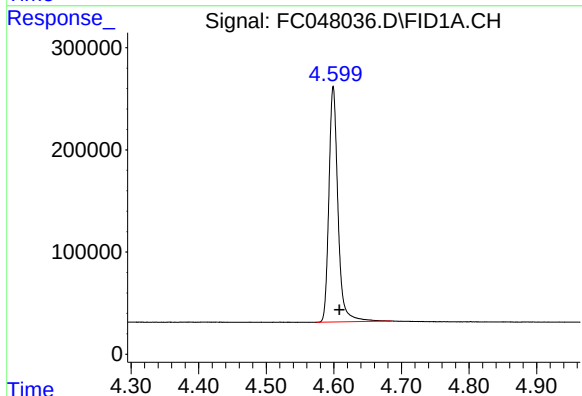




#1 n-Nonane (C9)

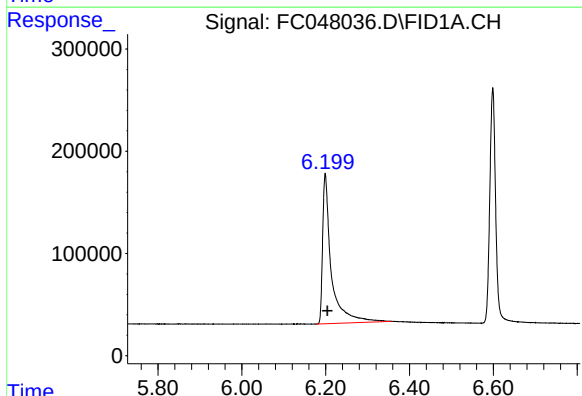
R.T.: 3.537 min
Delta R.T.: -0.007 min
Response: 2119947
Conc: 21.18 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



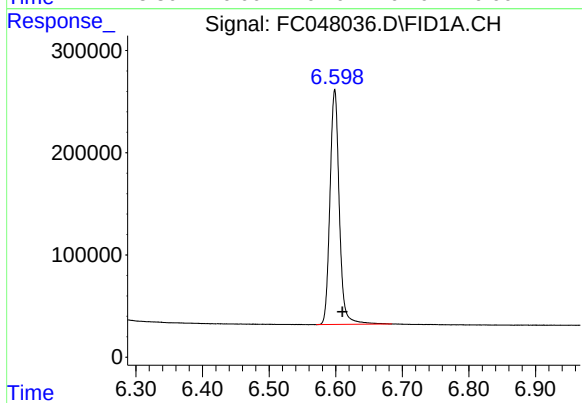
#2 n-Decane (C10)

R.T.: 4.599 min
Delta R.T.: -0.009 min
Response: 2151634
Conc: 21.41 ug/ml



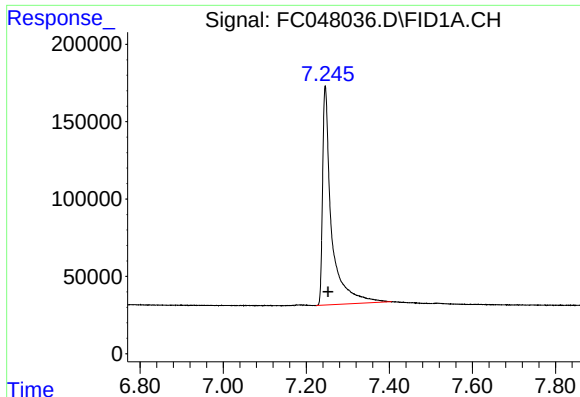
#3 A~Naphthalene (C11.7)

R.T.: 6.199 min
Delta R.T.: -0.005 min
Response: 2116716
Conc: 20.98 ug/ml



#4 n-Dodecane (C12)

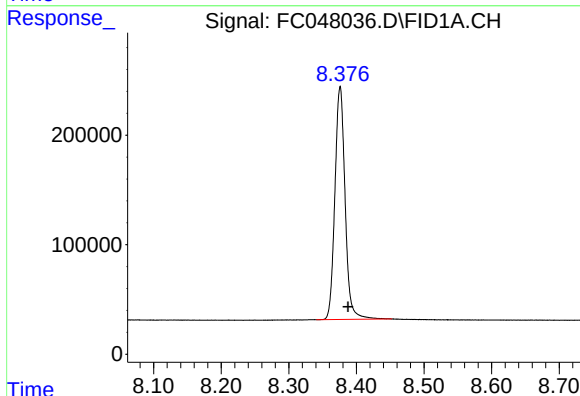
R.T.: 6.599 min
Delta R.T.: -0.012 min
Response: 2237538
Conc: 21.37 ug/ml



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

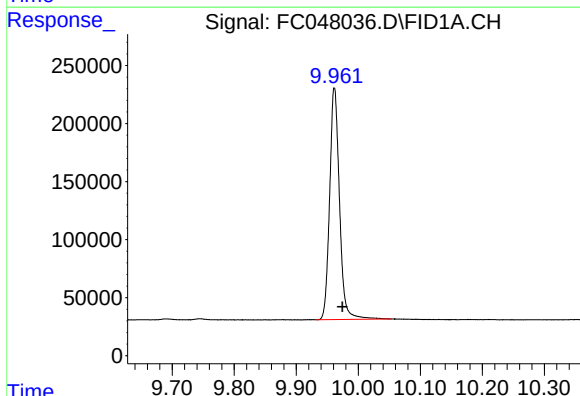
R.T.: 7.246 min
Delta R.T.: -0.007 min
Response: 2132285
Conc: 20.60 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



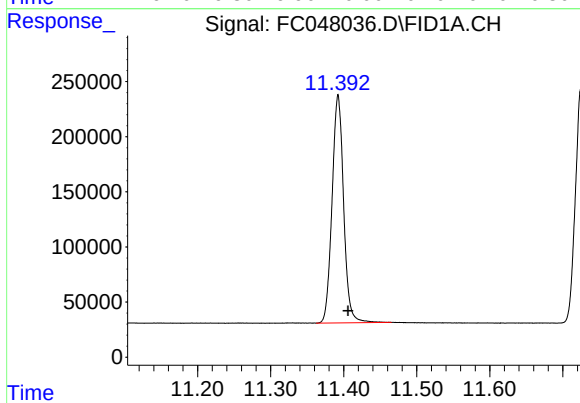
#6 n-Tetradecane (C14)

R.T.: 8.376 min
Delta R.T.: -0.012 min
Response: 2231188
Conc: 21.26 ug/ml



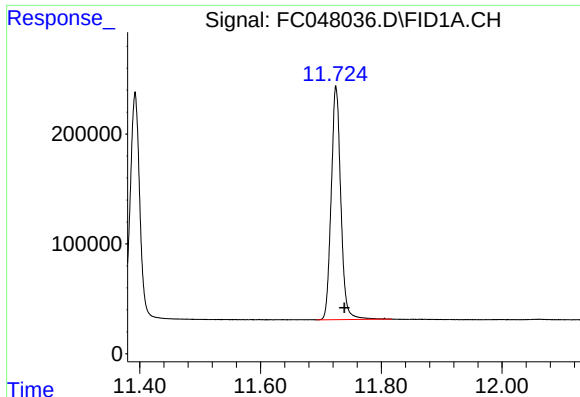
#7 n-Hexadecane (C16)

R.T.: 9.962 min
Delta R.T.: -0.013 min
Response: 2205011
Conc: 21.10 ug/ml



#8 n-Octadecane (C18)

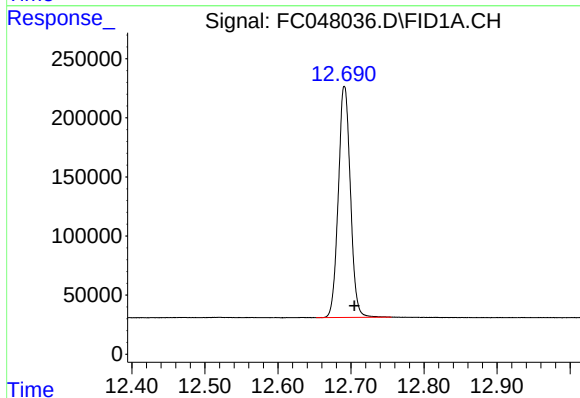
R.T.: 11.392 min
Delta R.T.: -0.014 min
Response: 2273551
Conc: 20.45 ug/ml



#9 ortho-Terphenyl (SURR)

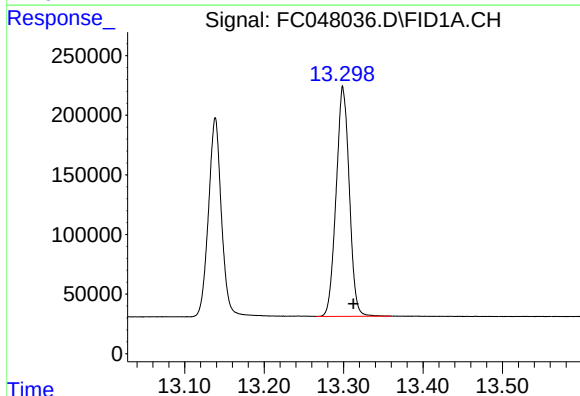
R.T.: 11.725 min
Delta R.T.: -0.014 min
Response: 2346252
Conc: 19.56 ug/ml

Instrument :
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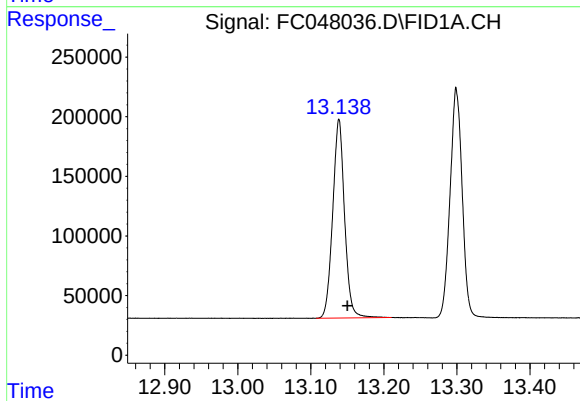
#10 n-Eicosane (C20)

R.T.: 12.691 min
Delta R.T.: -0.014 min
Response: 2247197
Conc: 19.75 ug/ml



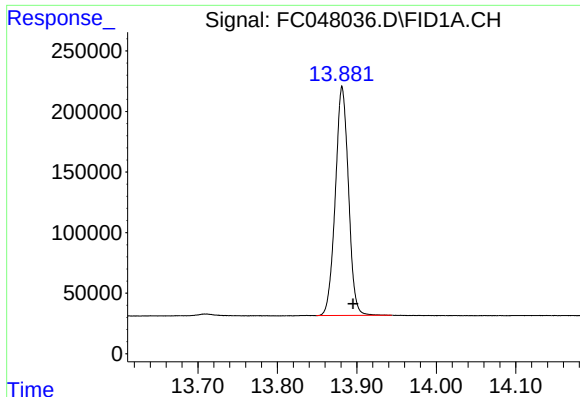
#11 n-Heneicosane (C21)

R.T.: 13.299 min
Delta R.T.: -0.013 min
Response: 2215495
Conc: 19.36 ug/ml



#12 1-chlorooctadecane (SURR)

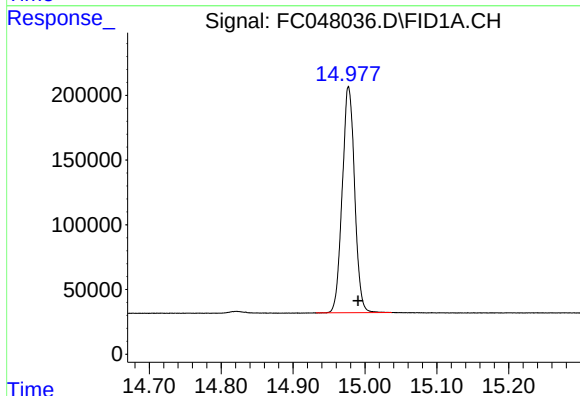
R.T.: 13.139 min
Delta R.T.: -0.011 min
Response: 1883508
Conc: 19.23 ug/ml



#13 n-Docosane (C22)

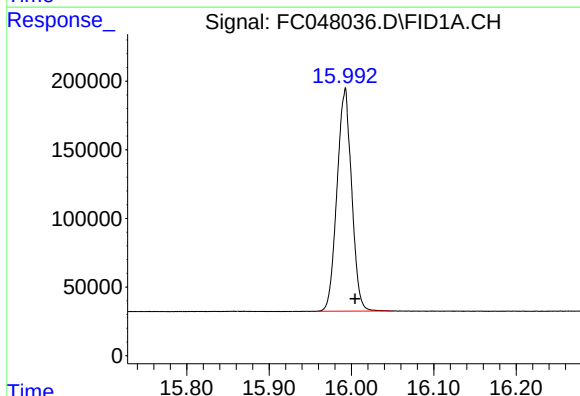
R.T.: 13.882 min
Delta R.T.: -0.014 min
Response: 2172313
Conc: 18.94 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



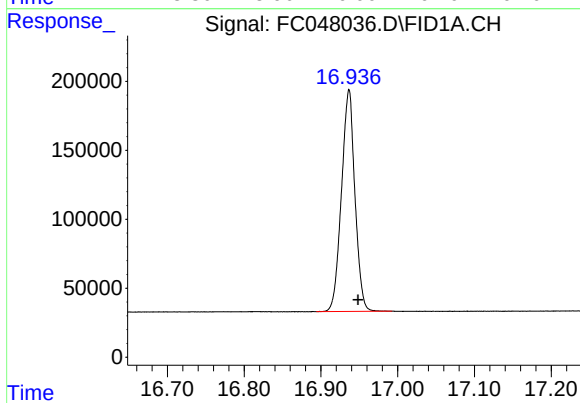
#14 n-Tetracosane (C24)

R.T.: 14.977 min
Delta R.T.: -0.013 min
Response: 2092174
Conc: 18.21 ug/ml



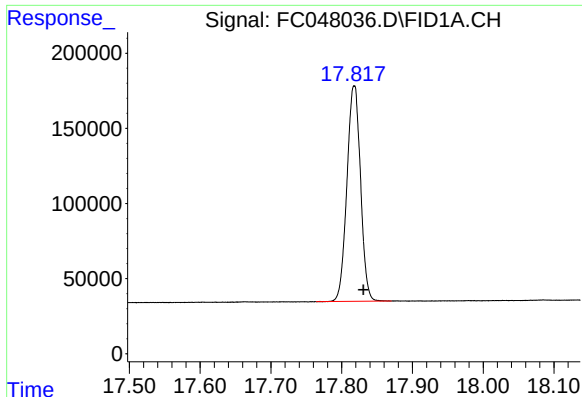
#15 n-Hexacosane (C26)

R.T.: 15.992 min
Delta R.T.: -0.012 min
Response: 2001075
Conc: 17.52 ug/ml



#16 n-Octacosane (C28)

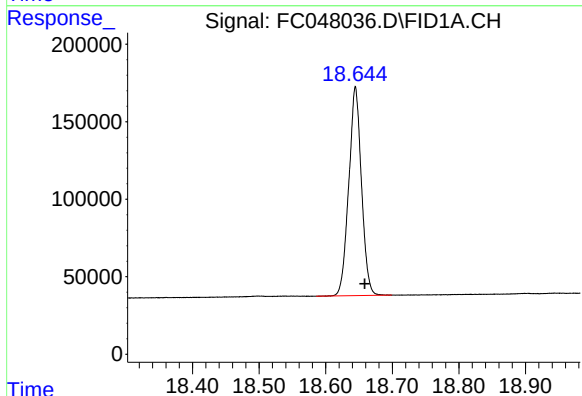
R.T.: 16.937 min
Delta R.T.: -0.012 min
Response: 1958682
Conc: 17.23 ug/ml



#17 n-Tricontane (C30)

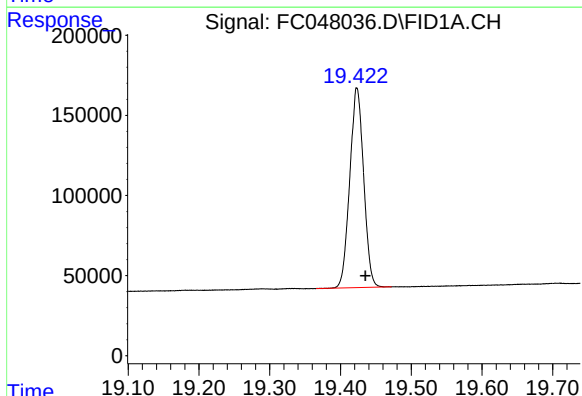
R.T.: 17.818 min
Delta R.T.: -0.013 min
Response: 1917723
Conc: 17.50 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



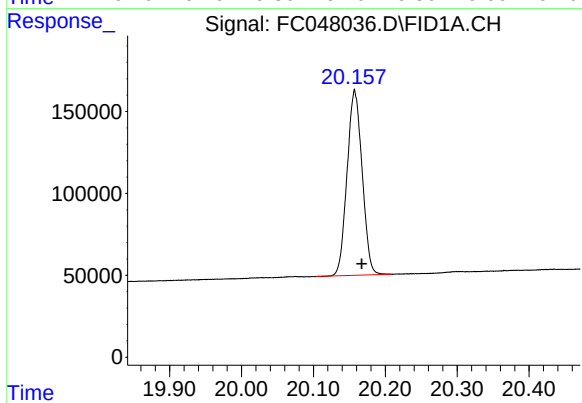
#18 n-Dotriacontane (C32)

R.T.: 18.645 min
Delta R.T.: -0.014 min
Response: 1783611
Conc: 17.99 ug/ml



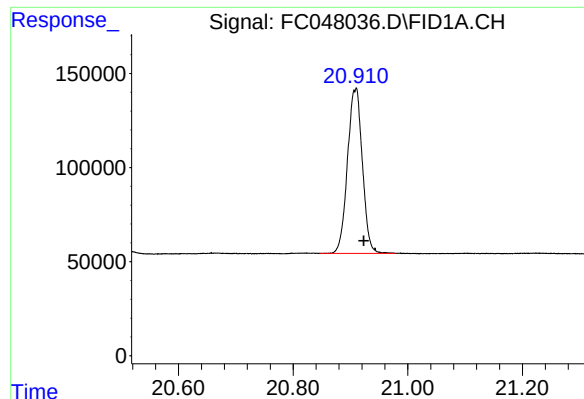
#19 n-Tetratriacontane (C34)

R.T.: 19.423 min
Delta R.T.: -0.012 min
Response: 1698130
Conc: 18.54 ug/ml



#20 n-Hexatriacontane (C36)

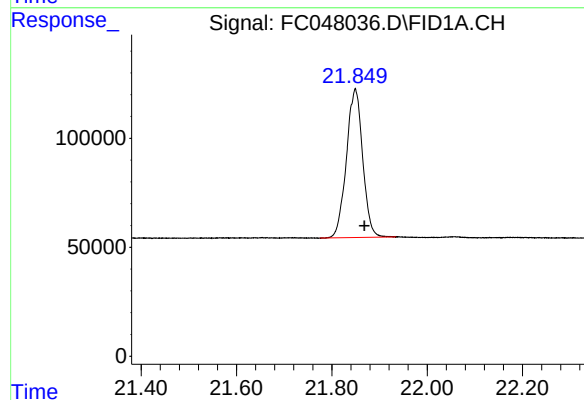
R.T.: 20.157 min
Delta R.T.: -0.010 min
Response: 1644967
Conc: 19.18 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.910 min
Delta R.T.: -0.013 min
Response: 1576405
Conc: 19.80 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.849 min
Delta R.T.: -0.019 min
Response: 1612194
Conc: 20.39 ug/ml