

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC070120AL\
 Data File : FC048186.D
 Signal(s) : FID1A.CH
 Acq On : 01 Jul 2020 14:55
 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: Jul 02 01:53:52 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)	11.720	2289772	19.088 ug/ml
Spiked Amount 50.000		Recovery =	38.18%
12) S 1-chlorooctadecane (S...	13.131	1863165	19.025 ug/ml
Spiked Amount 50.000		Recovery =	38.05%
Target Compounds			
1) T n-Nonane (C9)	3.535	2127881	21.264 ug/ml
2) T n-Decane (C10)	4.596	2165767	21.555 ug/ml
3) T A~Naphthalene (C11.7)	6.197	2123094	21.042 ug/ml
4) T n-Dodecane (C12)	6.594	2249642	21.490 ug/ml
5) T A~2-methylnaphthalene...	7.244	2132419	20.602 ug/ml
6) T n-Tetradecane (C14)	8.370	2242491	21.366 ug/ml
7) T n-Hexadecane (C16)	9.956	2196576	21.024 ug/ml
8) T n-Octadecane (C18)	11.387	2260102	20.332 ug/ml
10) T n-Eicosane (C20)	12.685	2226328	19.563 ug/ml
11) T n-Heneicosane (C21)	13.293	2183882	19.084 ug/ml
13) T n-Docosane (C22)	13.874	2141356	18.668 ug/ml
14) T n-Tetracosane (C24)	14.970	2050556	17.844 ug/ml
15) T n-Hexacosane (C26)	15.983	1961744	17.175 ug/ml
16) T n-Octacosane (C28)	16.927	1926223	16.948 ug/ml
17) T n-Tricontane (C30)	17.808	1893873	17.280 ug/ml
18) T n-Dotriacontane (C32)	18.637	1765646	17.811 ug/ml
19) T n-Tetratriacontane (C34)	19.415	1689663	18.449 ug/ml
20) T n-Hexatriacontane (C36)	20.148	1632974	19.042 ug/ml
21) T n-Octatriacontane (C38)	20.899	1564683	19.648 ug/ml
22) T n-Tetracontane (C40)	21.833	1599476	20.230 ug/ml

(f)=RT Delta > 1/2 Window

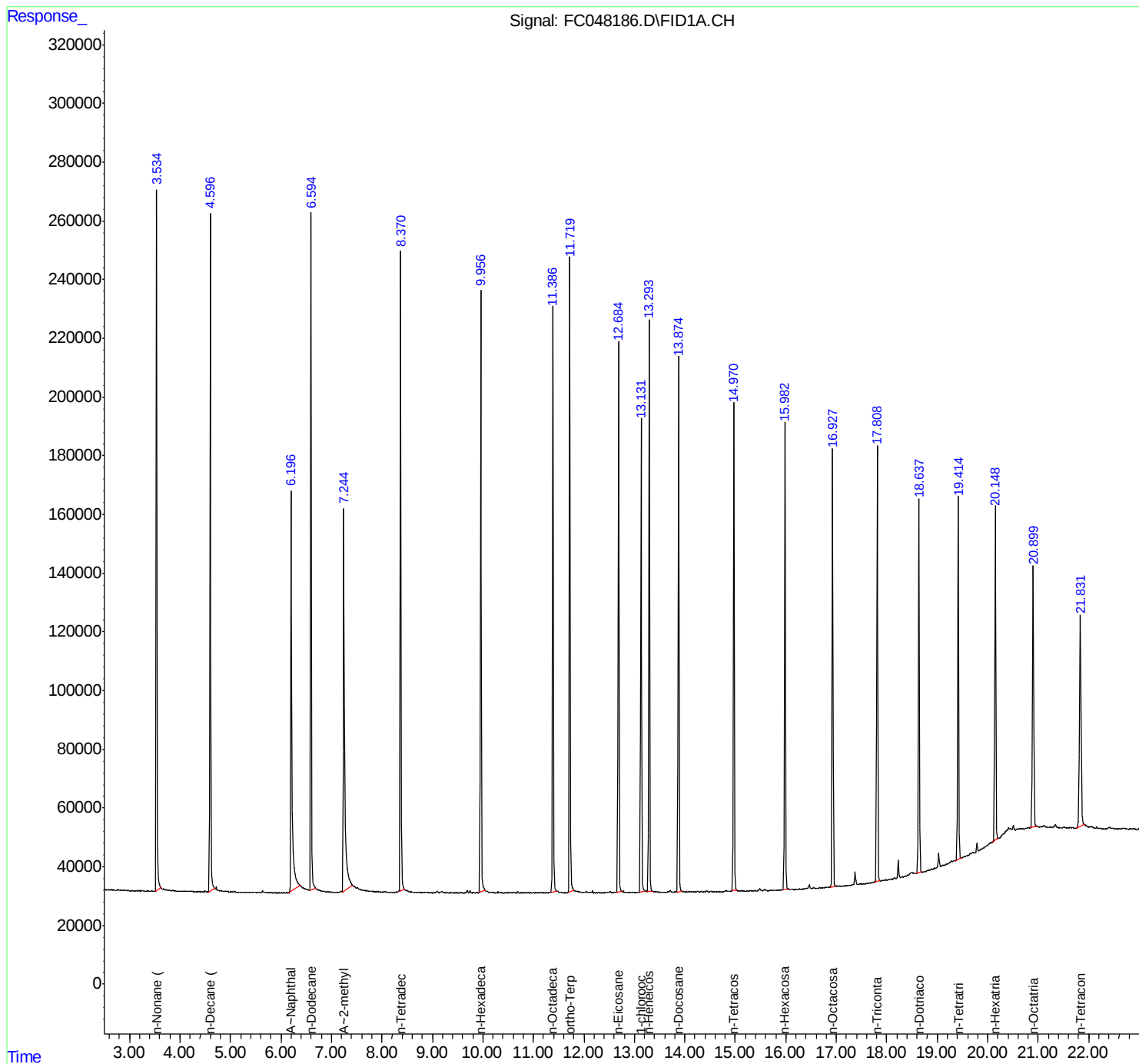
(m)=manual int.

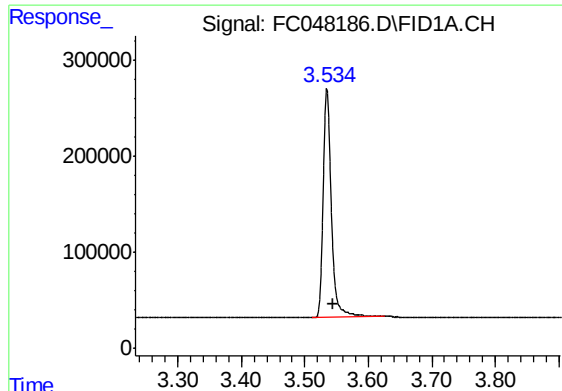
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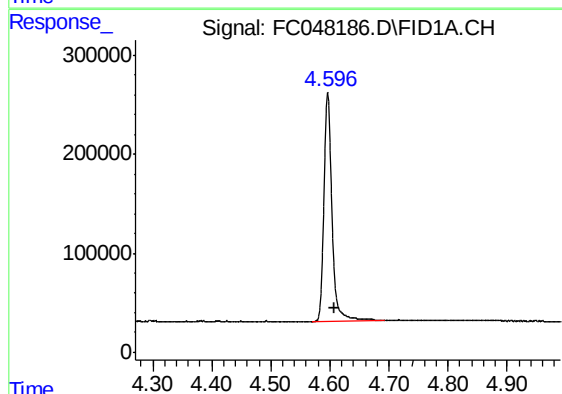




#1 n-Nonane (C9)

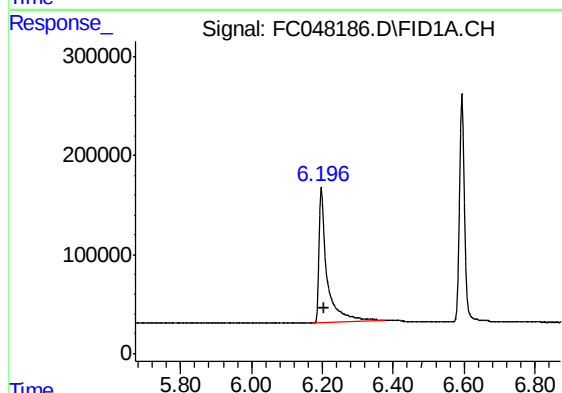
R.T.: 3.535 min
Delta R.T.: -0.009 min
Response: 2127881
Conc: 21.26 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



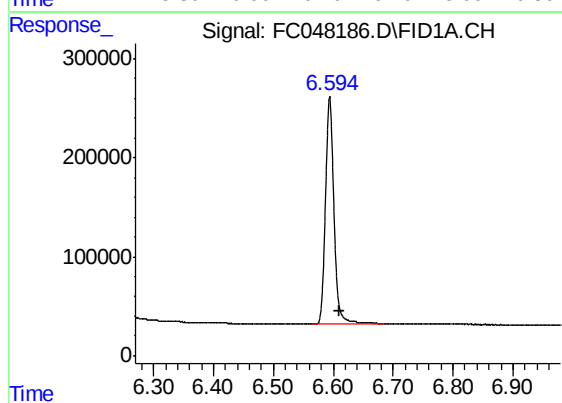
#2 n-Decane (C10)

R.T.: 4.596 min
Delta R.T.: -0.012 min
Response: 2165767
Conc: 21.56 ug/ml



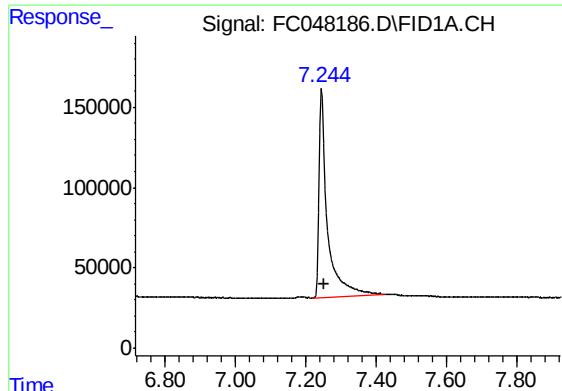
#3 A~Naphthalene (C11.7)

R.T.: 6.197 min
Delta R.T.: -0.007 min
Response: 2123094
Conc: 21.04 ug/ml



#4 n-Dodecane (C12)

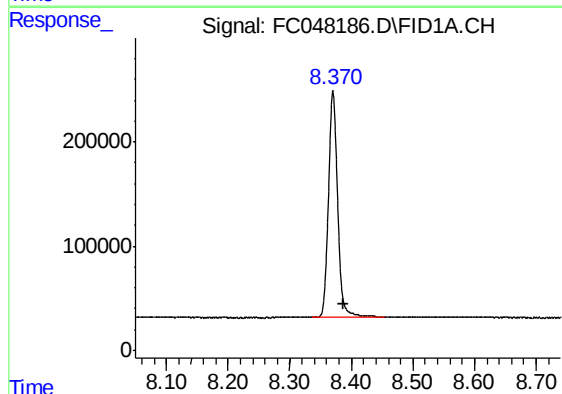
R.T.: 6.594 min
Delta R.T.: -0.016 min
Response: 2249642
Conc: 21.49 ug/ml



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

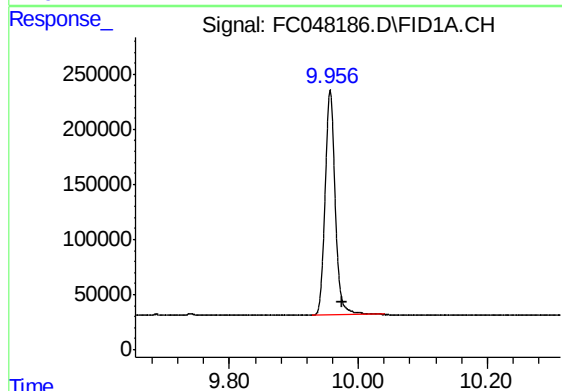
R.T.: 7.244 min
Delta R.T.: -0.008 min
Response: 2132419
Conc: 20.60 ug/ml

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20 PPM ALIPHATIC HC STD



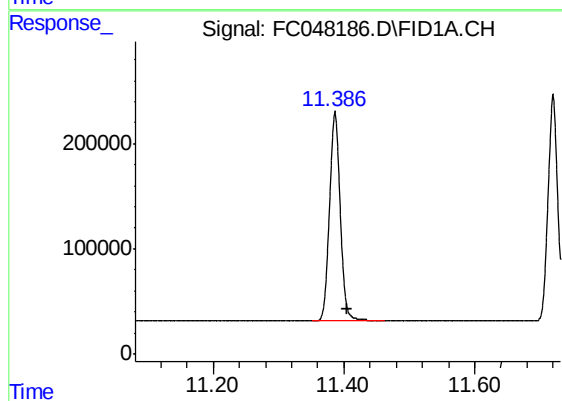
#6 n-Tetradecane (C14)

R.T.: 8.370 min
Delta R.T.: -0.017 min
Response: 2242491
Conc: 21.37 ug/ml



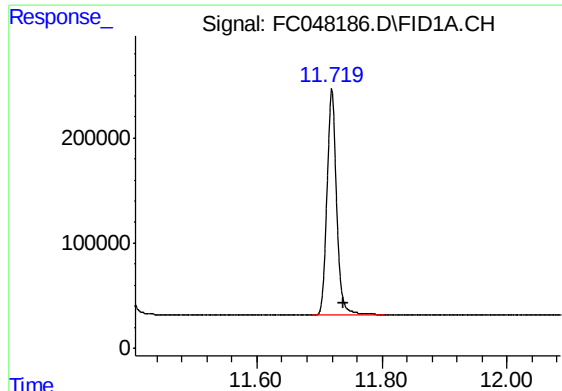
#7 n-Hexadecane (C16)

R.T.: 9.956 min
Delta R.T.: -0.018 min
Response: 2196576
Conc: 21.02 ug/ml



#8 n-Octadecane (C18)

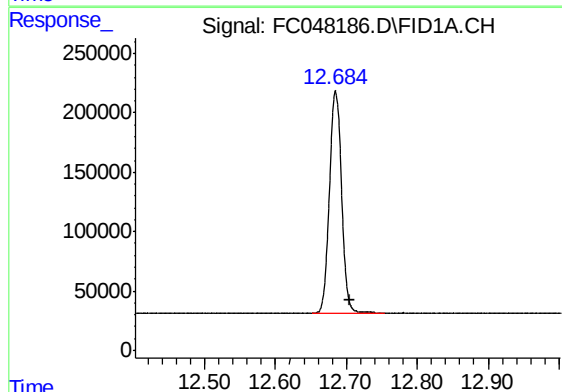
R.T.: 11.387 min
Delta R.T.: -0.019 min
Response: 2260102
Conc: 20.33 ug/ml



#9 ortho-Terphenyl (SURR)

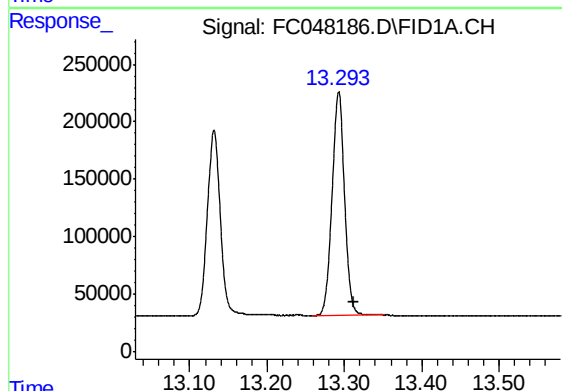
R.T.: 11.720 min
Delta R.T.: -0.019 min
Response: 2289772
Conc: 19.09 ug/ml

Instrument :
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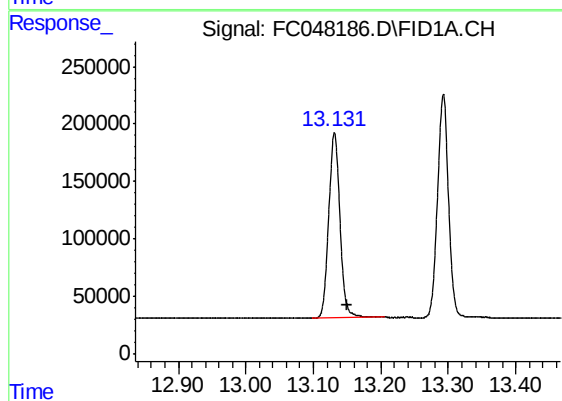
#10 n-Eicosane (C20)

R.T.: 12.685 min
Delta R.T.: -0.020 min
Response: 2226328
Conc: 19.56 ug/ml



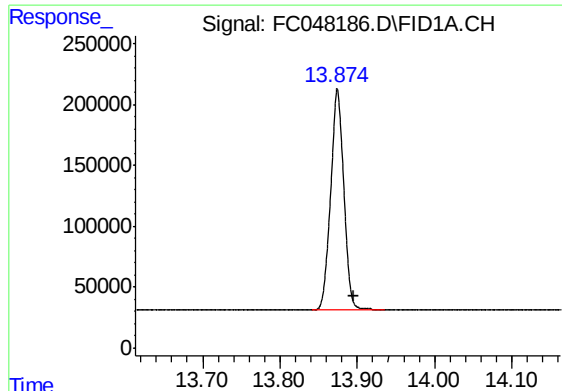
#11 n-Heneicosane (C21)

R.T.: 13.293 min
Delta R.T.: -0.020 min
Response: 2183882
Conc: 19.08 ug/ml



#12 1-chlorooctadecane (SURR)

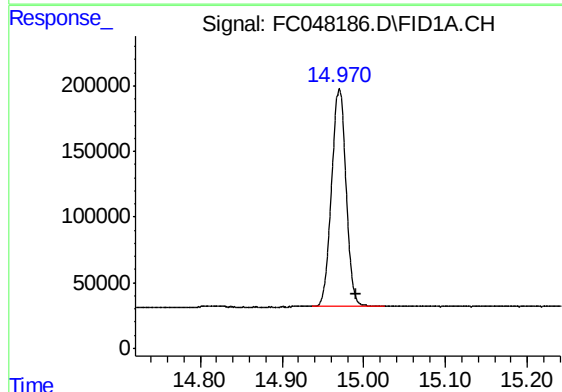
R.T.: 13.131 min
Delta R.T.: -0.019 min
Response: 1863165
Conc: 19.02 ug/ml



#13 n-Docosane (C22)

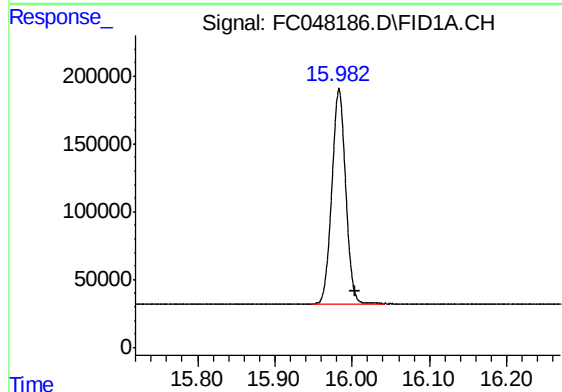
R.T.: 13.874 min
Delta R.T.: -0.021 min
Response: 2141356
Conc: 18.67 ug/ml

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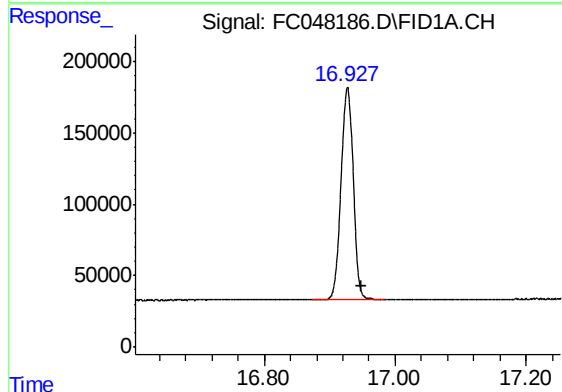
#14 n-Tetracosane (C24)

R.T.: 14.970 min
Delta R.T.: -0.020 min
Response: 2050556
Conc: 17.84 ug/ml



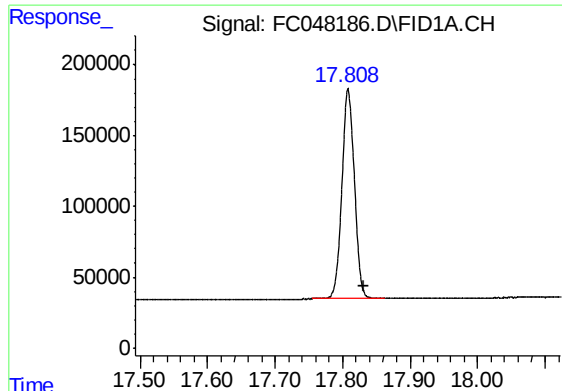
#15 n-Hexacosane (C26)

R.T.: 15.983 min
Delta R.T.: -0.021 min
Response: 1961744
Conc: 17.17 ug/ml



#16 n-Octacosane (C28)

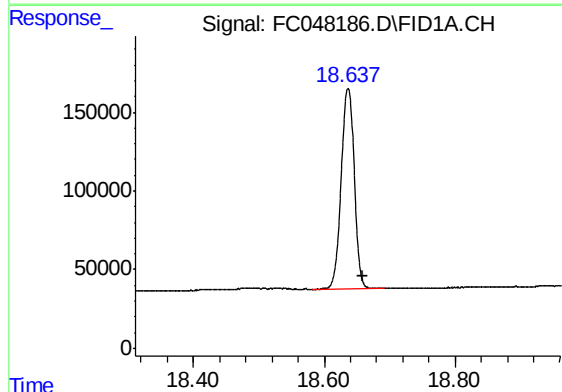
R.T.: 16.927 min
Delta R.T.: -0.021 min
Response: 1926223
Conc: 16.95 ug/ml



#17 n-Tricontane (C30)

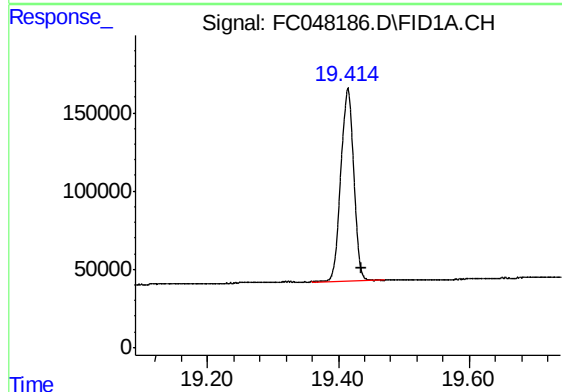
R.T.: 17.808 min
Delta R.T.: -0.023 min
Response: 1893873
Conc: 17.28 ug/ml

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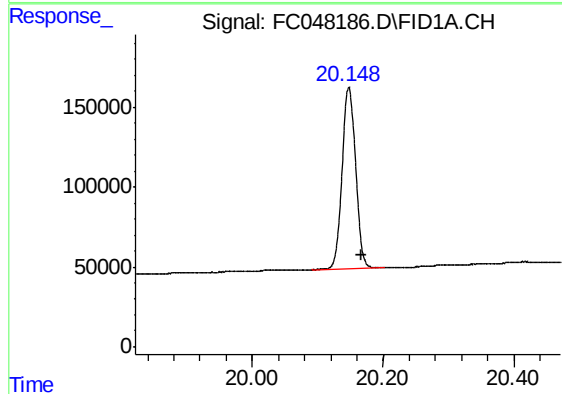
#18 n-Dotriacontane (C32)

R.T.: 18.637 min
Delta R.T.: -0.022 min
Response: 1765646
Conc: 17.81 ug/ml



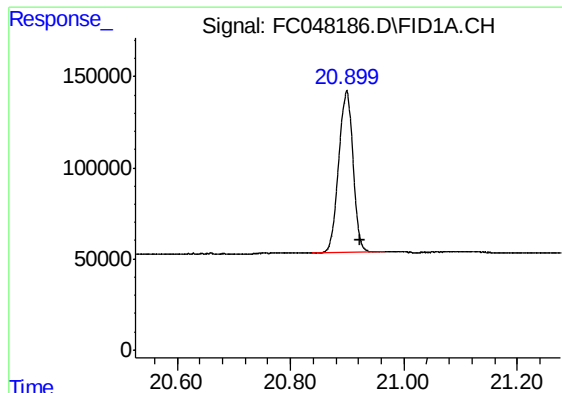
#19 n-Tetratriacontane (C34)

R.T.: 19.415 min
Delta R.T.: -0.021 min
Response: 1689663
Conc: 18.45 ug/ml



#20 n-Hexatriacontane (C36)

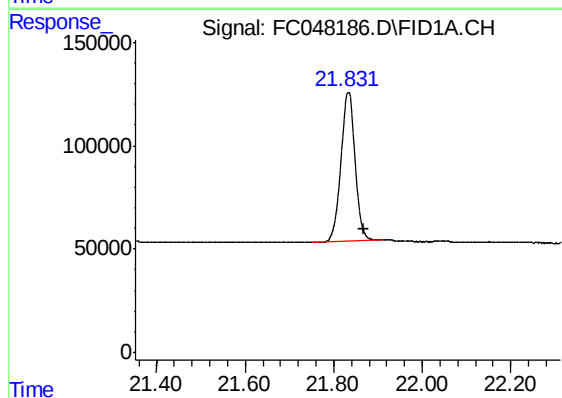
R.T.: 20.148 min
Delta R.T.: -0.020 min
Response: 1632974
Conc: 19.04 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.899 min
Delta R.T.: -0.024 min
Response: 1564683
Conc: 19.65 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.833 min
Delta R.T.: -0.034 min
Response: 1599476
Conc: 20.23 ug/ml