

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC110719AL\
 Data File : FC044382.D
 Signal(s) : FID1A.CH
 Acq On : 07 Nov 2019 8:49
 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: Nov 08 01:18:35 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 102219.M
 Quant Title : GC Extractables
 QLast Update : Tue Oct 22 12:36:58 2019
 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)	11.721	2394760	16.429 ug/ml
Spiked Amount 50.000		Recovery =	32.86%
12) S 1-chlorooctadecane (S...	13.152	1793107	16.037 ug/ml
Spiked Amount 50.000		Recovery =	32.07%
Target Compounds			
1) T n-Nonane (C9)	3.450	2333358	21.182 ug/ml
2) T n-Decane (C10)	4.526	2357687	21.227 ug/ml
3) T A~Naphthalene (C11.7)	6.127	2602686	20.918 ug/ml
4) T n-Dodecane (C12)	6.553	2373850	21.108 ug/ml
5) T A~2-methylnaphthalene...	7.186	2612126	20.714 ug/ml
6) T n-Tetradecane (C14)	8.349	2347737	20.752 ug/ml
7) T n-Hexadecane (C16)	9.950	2307836	20.198 ug/ml
8) T n-Octadecane (C18)	11.394	2239877	19.563 ug/ml
10) T n-Eicosane (C20)	12.704	2153827	18.885 ug/ml
11) T n-Heneicosane (C21)	13.318	2123079	18.510 ug/ml
13) T n-Docosane (C22)	13.905	2066887	18.201 ug/ml
14) T n-Tetracosane (C24)	15.009	1997607	17.665 ug/ml
15) T n-Hexacosane (C26)	16.032	1928915	17.434 ug/ml
16) T n-Octacosane (C28)	16.984	1897620	17.517 ug/ml
17) T n-Tricontane (C30)	17.874	1924528	18.184 ug/ml
18) T n-Dotriacontane (C32)	18.709	1910454	18.970 ug/ml
19) T n-Tetratriacontane (C34)	19.493	1894197	20.201 ug/ml
20) T n-Hexatriacontane (C36)	20.234	1852840	21.344 ug/ml
21) T n-Octatriacontane (C38)	21.005	1774594	22.006 ug/ml
22) T n-Tetracontane (C40)	21.976	1823597	21.574 ug/ml

(f)=RT Delta > 1/2 Window

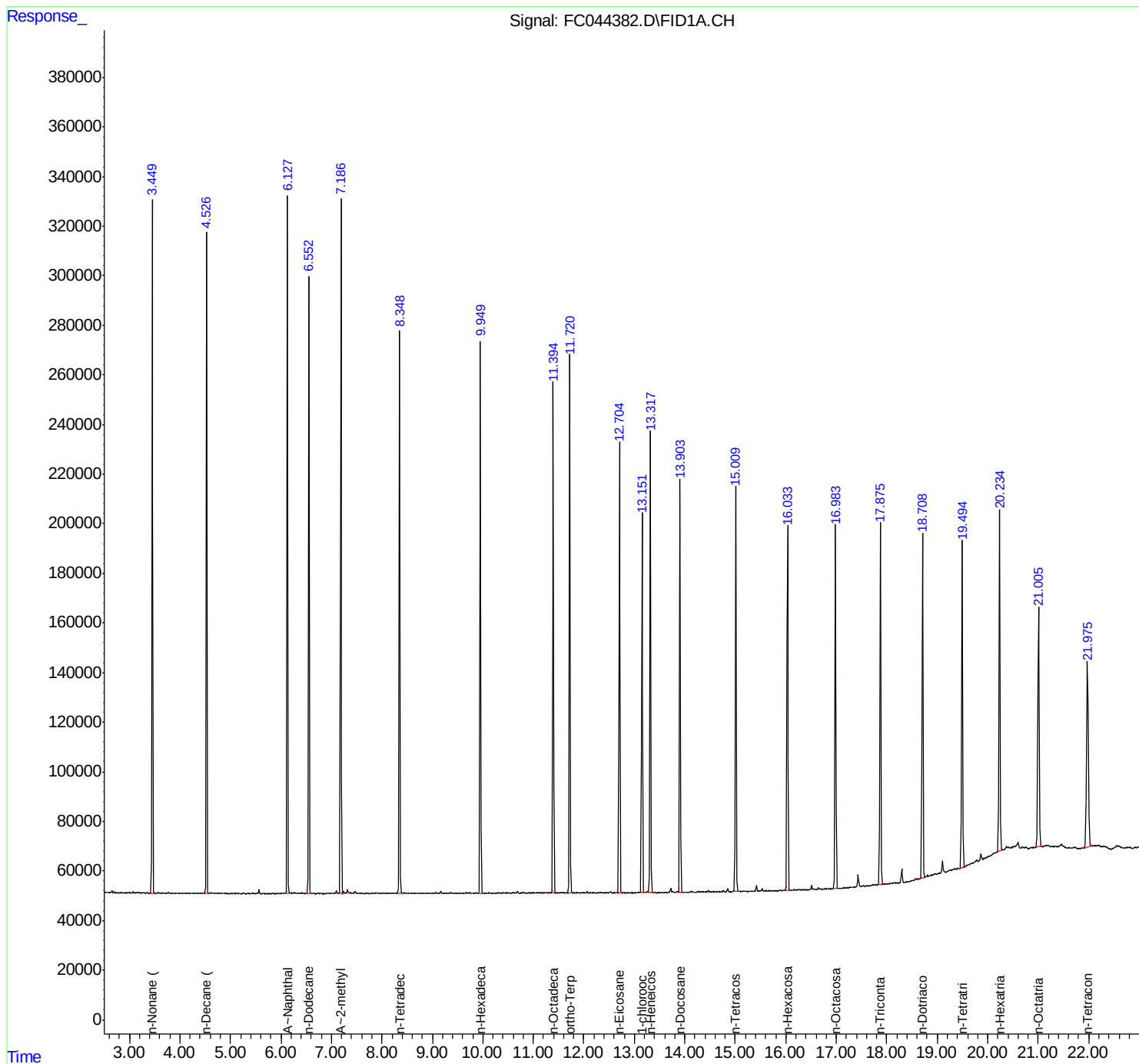
(m)=manual int.

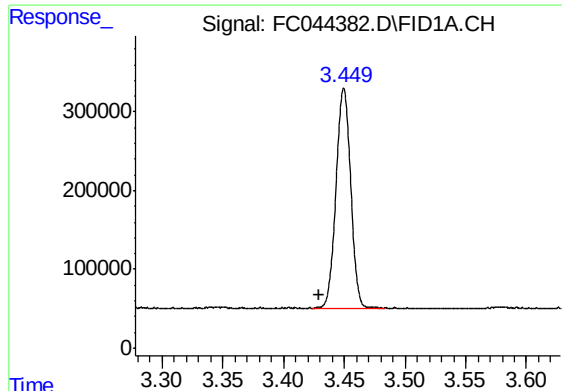
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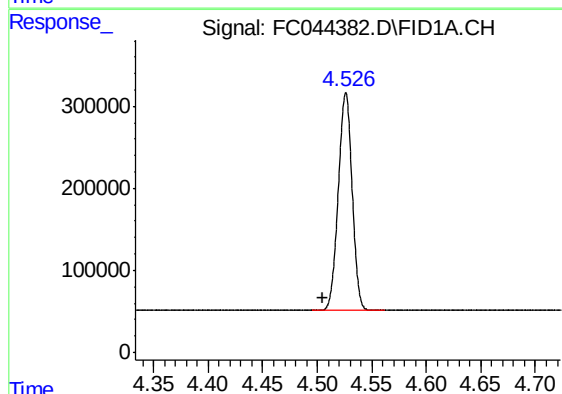




#1 n-Nonane (C9)

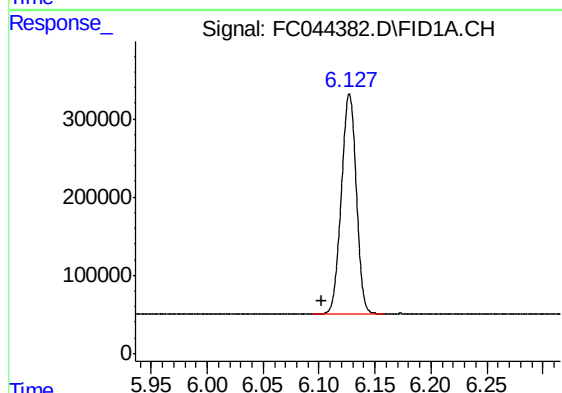
R.T.: 3.450 min
Delta R.T.: 0.021 min
Response: 2333358
Conc: 21.18 ug/ml

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20 PPM ALIPHATIC HC STD



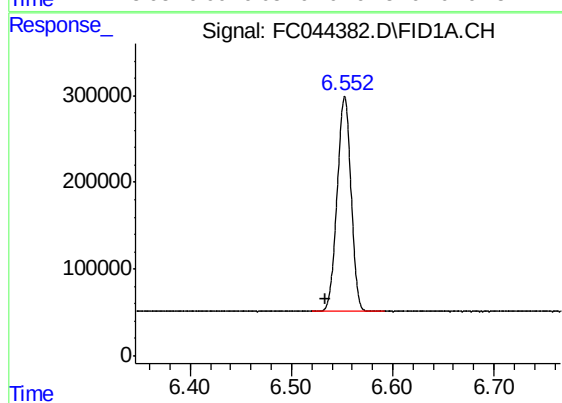
#2 n-Decane (C10)

R.T.: 4.526 min
Delta R.T.: 0.021 min
Response: 2357687
Conc: 21.23 ug/ml



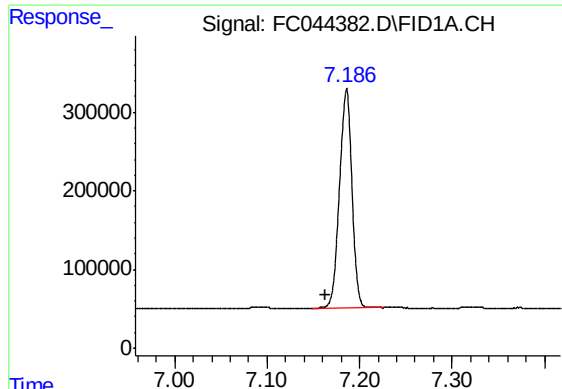
#3 A~Naphthalene (C11.7)

R.T.: 6.127 min
Delta R.T.: 0.025 min
Response: 2602686
Conc: 20.92 ug/ml



#4 n-Dodecane (C12)

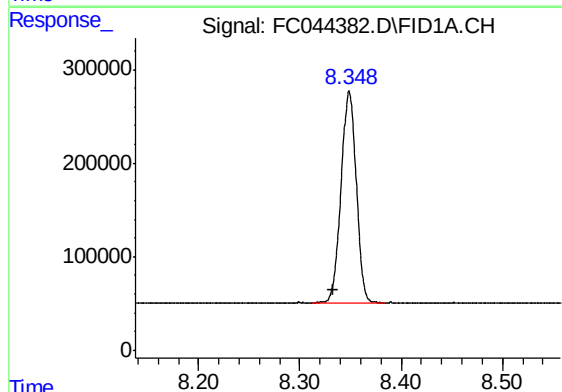
R.T.: 6.553 min
Delta R.T.: 0.019 min
Response: 2373850
Conc: 21.11 ug/ml



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

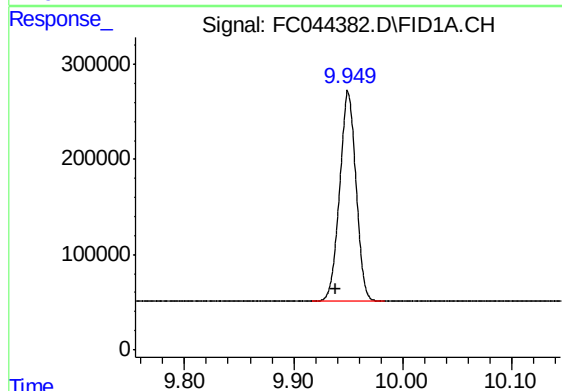
R.T.: 7.186 min
Delta R.T.: 0.023 min
Response: 2612126
Conc: 20.71 ug/ml

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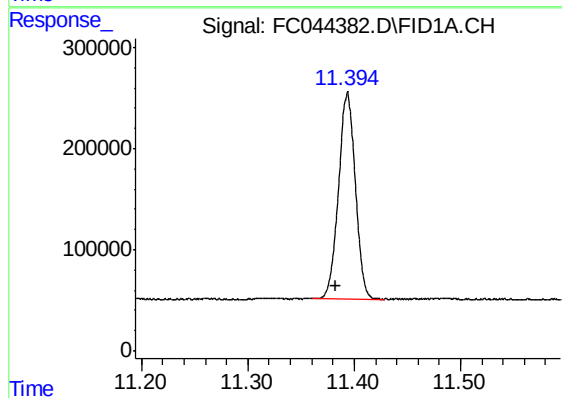
#6 n-Tetradecane (C14)

R.T.: 8.349 min
Delta R.T.: 0.016 min
Response: 2347737
Conc: 20.75 ug/ml



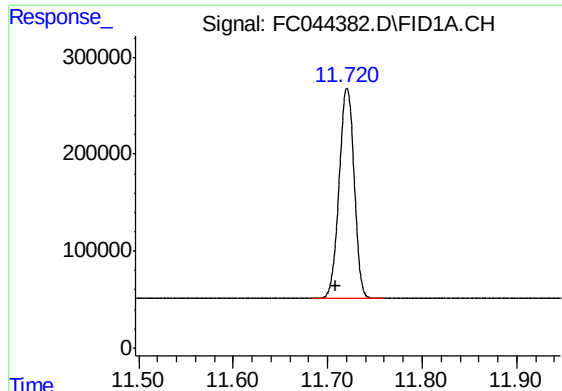
#7 n-Hexadecane (C16)

R.T.: 9.950 min
Delta R.T.: 0.012 min
Response: 2307836
Conc: 20.20 ug/ml



#8 n-Octadecane (C18)

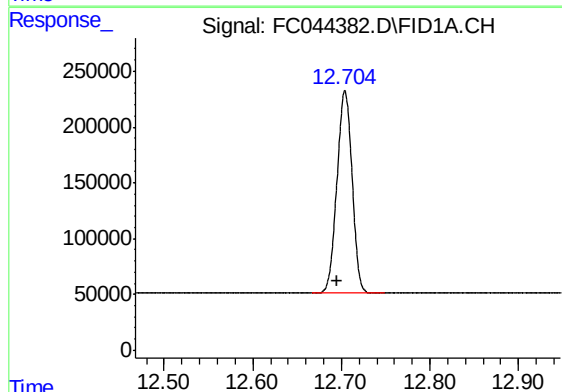
R.T.: 11.394 min
Delta R.T.: 0.011 min
Response: 2239877
Conc: 19.56 ug/ml



#9 ortho-Terphenyl (SURR)

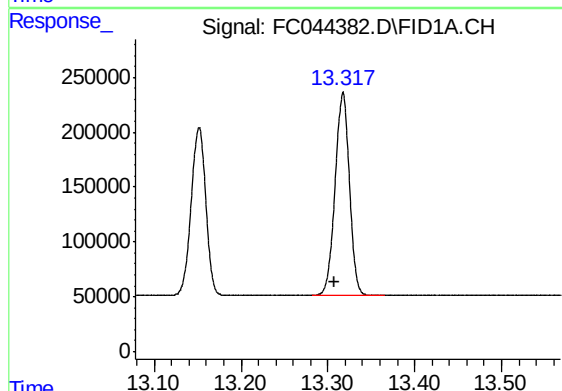
R.T.: 11.721 min
Delta R.T.: 0.012 min
Response: 2394760
Conc: 16.43 ug/ml

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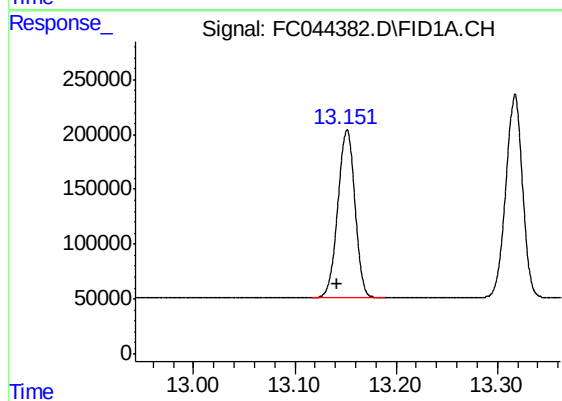
#10 n-Eicosane (C20)

R.T.: 12.704 min
Delta R.T.: 0.010 min
Response: 2153827
Conc: 18.89 ug/ml



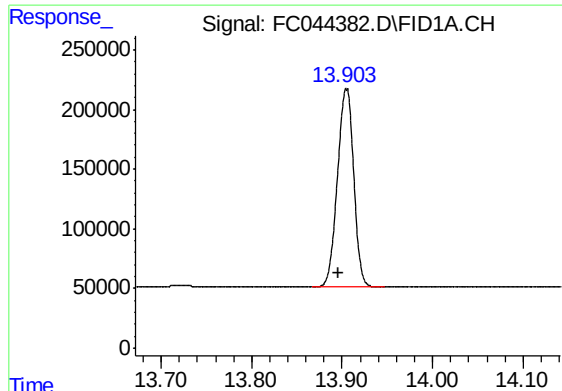
#11 n-Heneicosane (C21)

R.T.: 13.318 min
Delta R.T.: 0.010 min
Response: 2123079
Conc: 18.51 ug/ml



#12 1-chlorooctadecane (SURR)

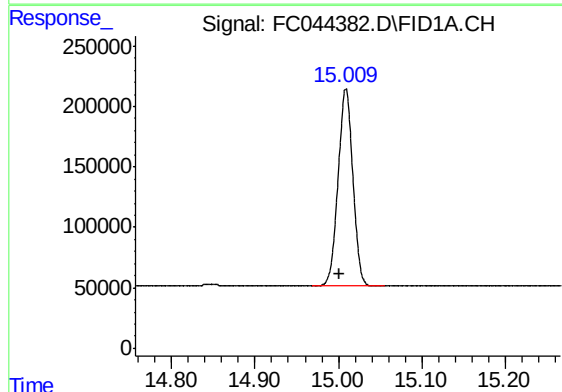
R.T.: 13.152 min
Delta R.T.: 0.010 min
Response: 1793107
Conc: 16.04 ug/ml



#13 n-Docosane (C22)

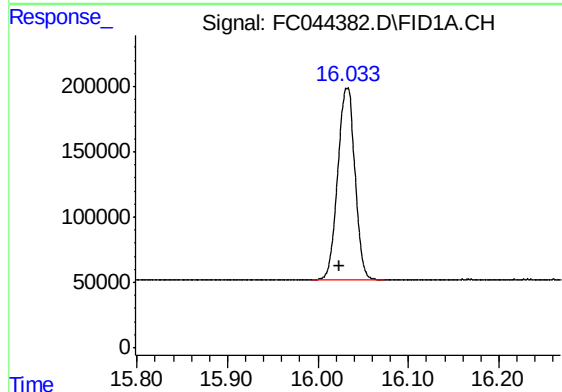
R.T.: 13.905 min
Delta R.T.: 0.009 min
Response: 2066887
Conc: 18.20 ug/ml

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20 PPM ALIPHATIC HC STD



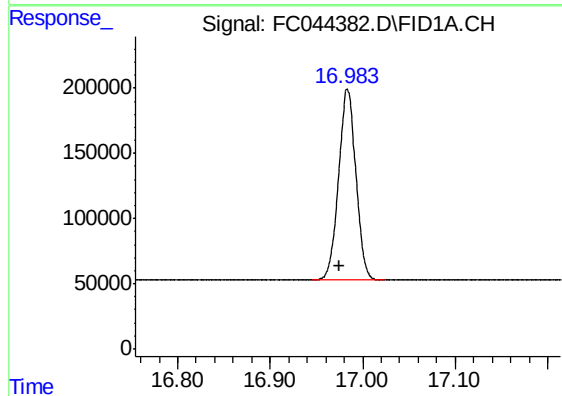
#14 n-Tetracosane (C24)

R.T.: 15.009 min
Delta R.T.: 0.008 min
Response: 1997607
Conc: 17.67 ug/ml



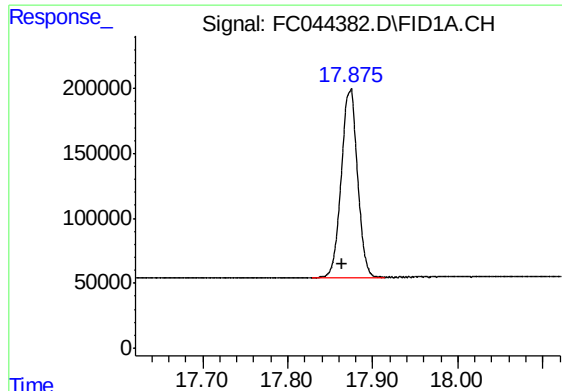
#15 n-Hexacosane (C26)

R.T.: 16.032 min
Delta R.T.: 0.009 min
Response: 1928915
Conc: 17.43 ug/ml



#16 n-Octacosane (C28)

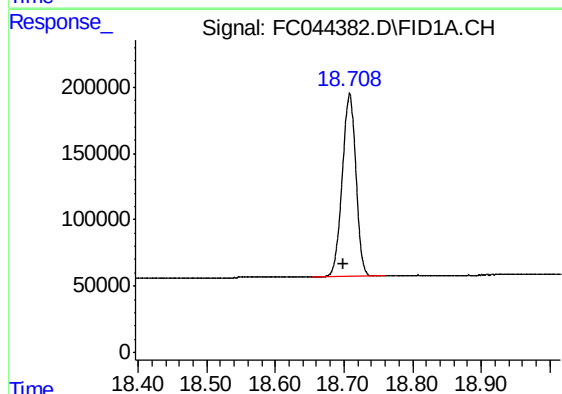
R.T.: 16.984 min
Delta R.T.: 0.009 min
Response: 1897620
Conc: 17.52 ug/ml



#17 n-Tricontane (C30)

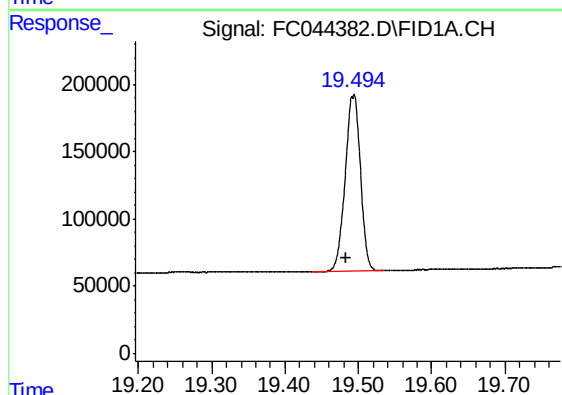
R.T.: 17.874 min
Delta R.T.: 0.009 min
Response: 1924528
Conc: 18.18 ug/ml

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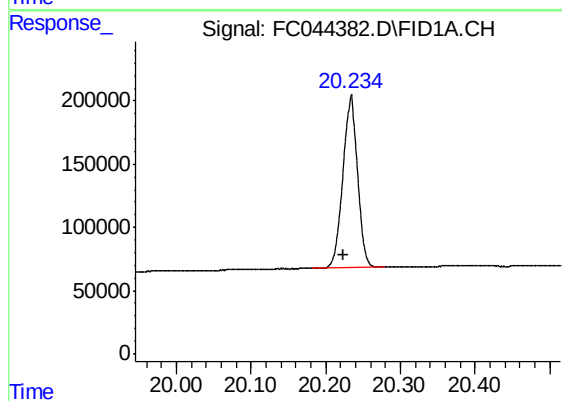
#18 n-Dotriacontane (C32)

R.T.: 18.709 min
Delta R.T.: 0.010 min
Response: 1910454
Conc: 18.97 ug/ml



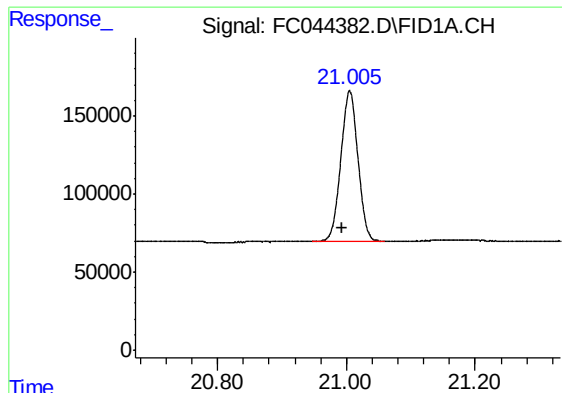
#19 n-Tetatriacontane (C34)

R.T.: 19.493 min
Delta R.T.: 0.010 min
Response: 1894197
Conc: 20.20 ug/ml



#20 n-Hexatriacontane (C36)

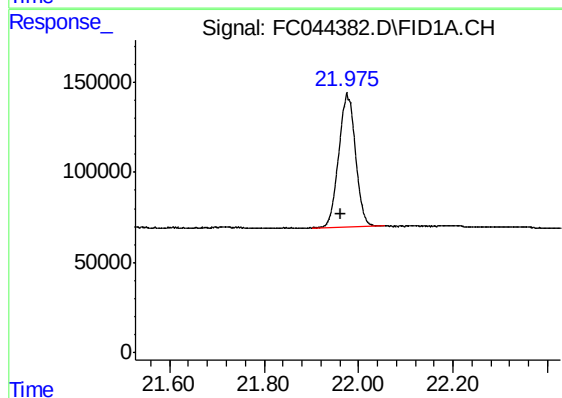
R.T.: 20.234 min
Delta R.T.: 0.011 min
Response: 1852840
Conc: 21.34 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.005 min
Delta R.T.: 0.011 min
Response: 1774594
Conc: 22.01 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.976 min
Delta R.T.: 0.014 min
Response: 1823597
Conc: 21.57 ug/ml