

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC092820AL\
 Data File : FC049782.D
 Signal(s) : FID1A.CH
 Acq On : 28 Sep 2020 13:03
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Sep 29 08:22:03 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 090820.M
 Quant Title : GC Extractables
 QLast Update : Wed Sep 09 05:58:47 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)	11.661	2013687	17.526 ug/ml
Spiked Amount 50.000		Recovery =	35.05%
12) S 1-chlorooctadecane (S...	13.094	1543669	17.331 ug/ml
Spiked Amount 50.000		Recovery =	34.66%
Target Compounds			
1) T n-Nonane (C9)	3.395	2097950	20.279 ug/ml
2) T n-Decane (C10)	4.469	2098198	20.201 ug/ml
3) T A~Naphthalene (C11.7)	6.067	2235893	19.446 ug/ml
4) T n-Dodecane (C12)	6.494	2084667	19.722 ug/ml
5) T A~2-methylnaphthalene...	7.126	2229155	19.066 ug/ml
6) T n-Tetradecane (C14)	8.292	2023877	19.184 ug/ml
7) T n-Hexadecane (C16)	9.895	1935394	18.597 ug/ml
8) T n-Octadecane (C18)	11.338	1945109	18.099 ug/ml
10) T n-Eicosane (C20)	12.648	1892357	17.672 ug/ml
11) T n-Heneicosane (C21)	13.261	1858527	17.465 ug/ml
13) T n-Docosane (C22)	13.848	1830969	17.302 ug/ml
14) T n-Tetracosane (C24)	14.951	1790487	17.111 ug/ml
15) T n-Hexacosane (C26)	15.971	1760661	17.223 ug/ml
16) T n-Octacosane (C28)	16.920	1768052	17.593 ug/ml
17) T n-Tricontane (C30)	17.808	1776947	18.250 ug/ml
18) T n-Dotriacontane (C32)	18.639	1702821	18.845 ug/ml
19) T n-Tetratriacontane (C34)	19.421	1659974	19.391 ug/mlm
20) T n-Hexatriacontane (C36)	20.159	1592424	19.766 ug/mlm
21) T n-Octatriacontane (C38)	20.911	1576601	20.825 ug/mlm
22) T n-Tetracontane (C40)	21.856	1558276	20.027 ug/mlm

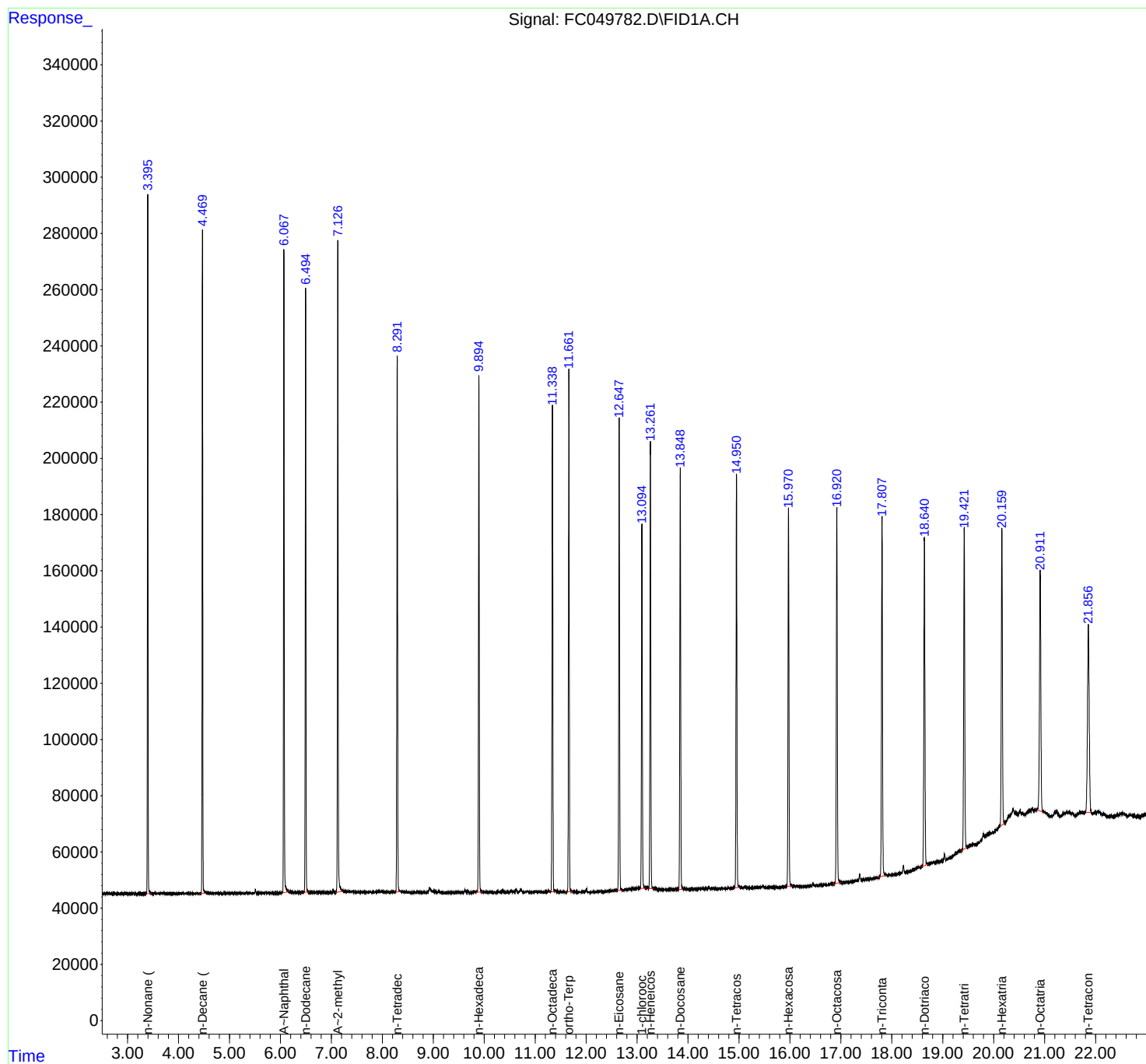
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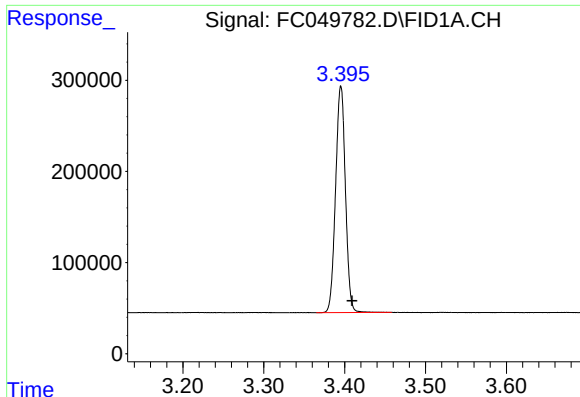
(m)=manual int.

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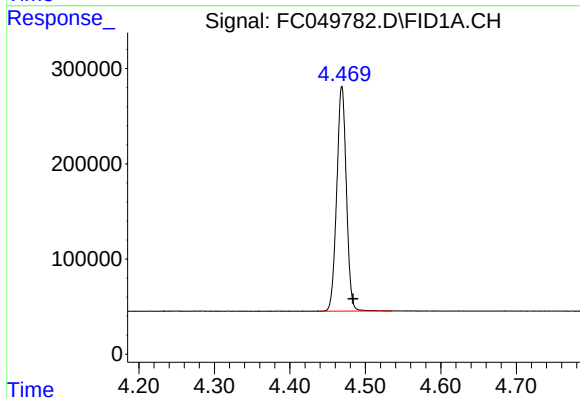
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Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um





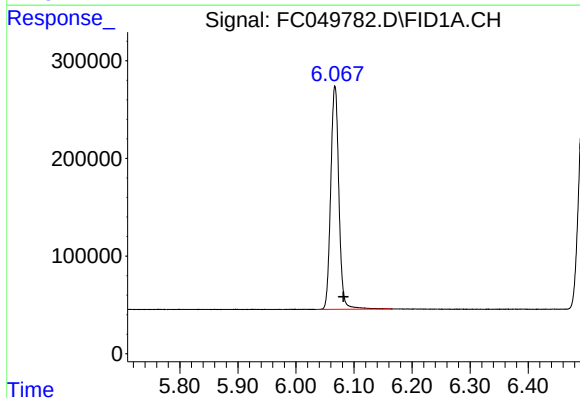
#1 n-Nonane (C9)

R.T.: 3.395 min
Delta R.T.: -0.014 min
Response: 2097950
Conc: 20.28 ug/ml



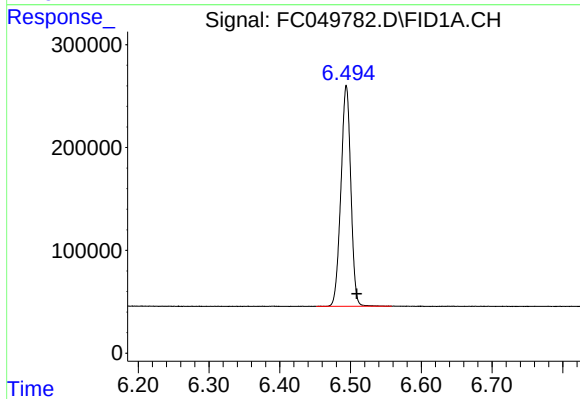
#2 n-Decane (C10)

R.T.: 4.469 min
Delta R.T.: -0.015 min
Response: 2098198
Conc: 20.20 ug/ml



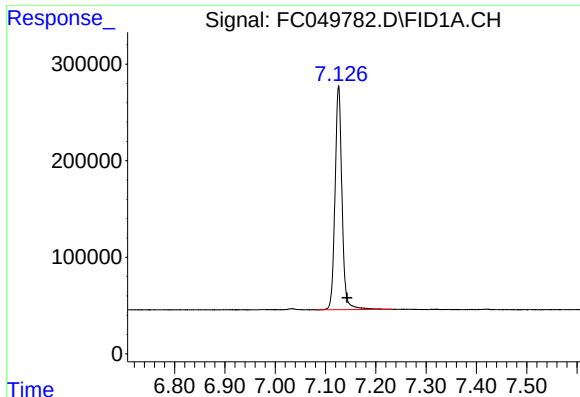
#3 A~Naphthalene (C11.7)

R.T.: 6.067 min
Delta R.T.: -0.015 min
Response: 2235893
Conc: 19.45 ug/ml



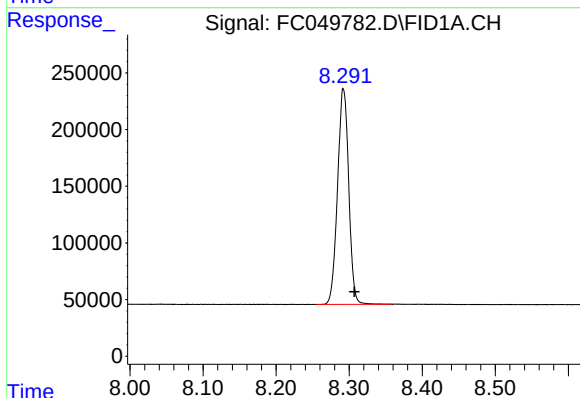
#4 n-Dodecane (C12)

R.T.: 6.494 min
Delta R.T.: -0.015 min
Response: 2084667
Conc: 19.72 ug/ml



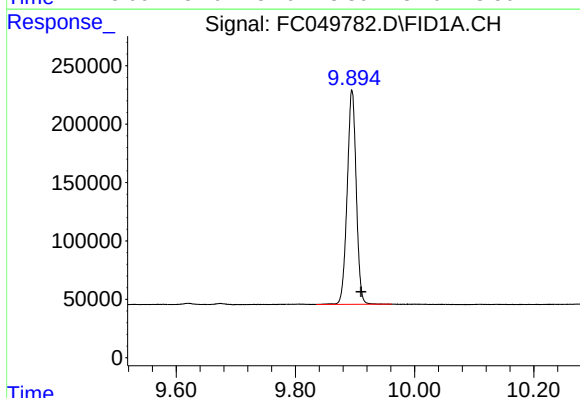
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.126 min
Delta R.T.: -0.017 min
Response: 2229155
Conc: 19.07 ug/ml



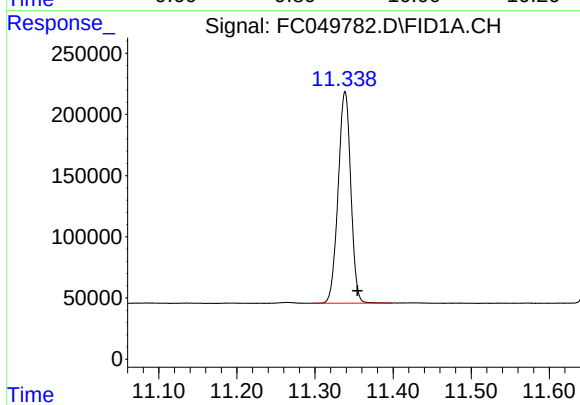
#6 n-Tetradecane (C14)

R.T.: 8.292 min
Delta R.T.: -0.015 min
Response: 2023877
Conc: 19.18 ug/ml



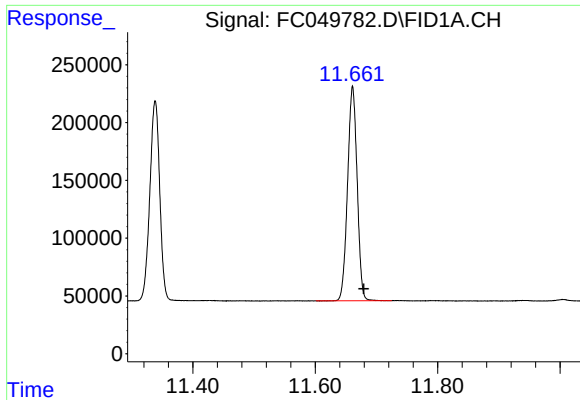
#7 n-Hexadecane (C16)

R.T.: 9.895 min
Delta R.T.: -0.015 min
Response: 1935394
Conc: 18.60 ug/ml



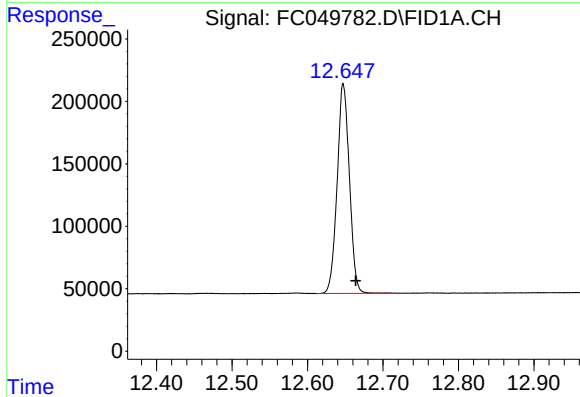
#8 n-Octadecane (C18)

R.T.: 11.338 min
Delta R.T.: -0.016 min
Response: 1945109
Conc: 18.10 ug/ml



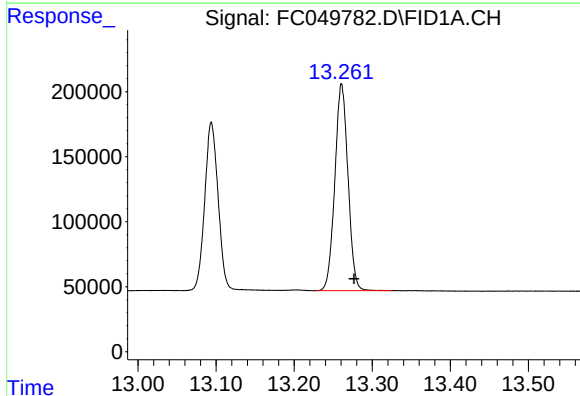
#9 ortho-Terphenyl (SURR)

R.T.: 11.661 min
Delta R.T.: -0.018 min
Response: 2013687
Conc: 17.53 ug/ml



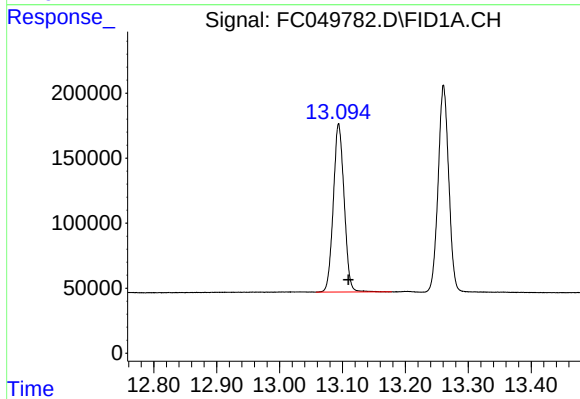
#10 n-Eicosane (C20)

R.T.: 12.648 min
Delta R.T.: -0.016 min
Response: 1892357
Conc: 17.67 ug/ml



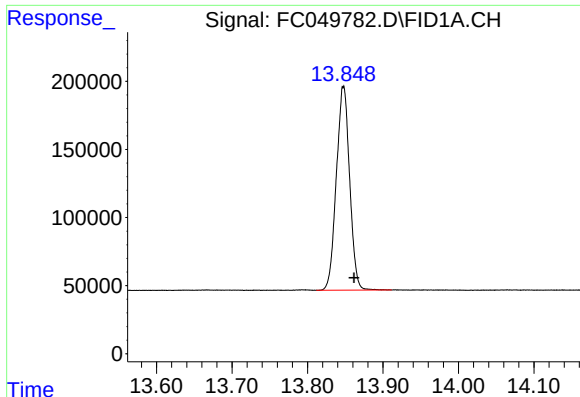
#11 n-Heneicosane (C21)

R.T.: 13.261 min
Delta R.T.: -0.016 min
Response: 1858527
Conc: 17.46 ug/ml



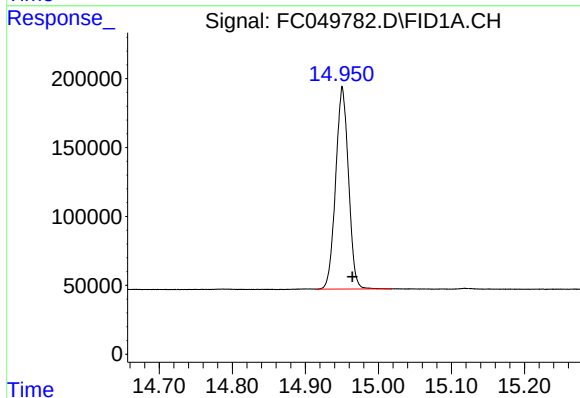
#12 1-chlorooctadecane (SURR)

R.T.: 13.094 min
Delta R.T.: -0.015 min
Response: 1543669
Conc: 17.33 ug/ml



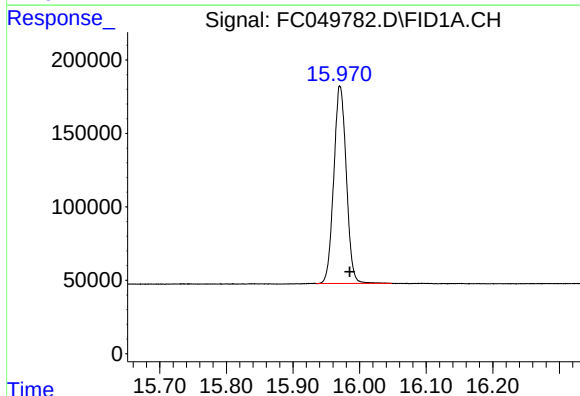
#13 n-Docosane (C22)

R.T.: 13.848 min
Delta R.T.: -0.014 min
Response: 1830969
Conc: 17.30 ug/ml



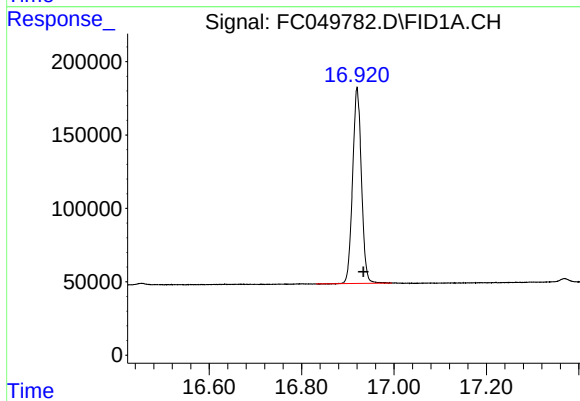
#14 n-Tetracosane (C24)

R.T.: 14.951 min
Delta R.T.: -0.014 min
Response: 1790487
Conc: 17.11 ug/ml



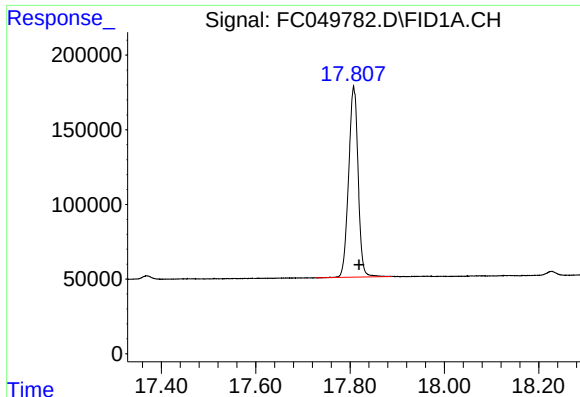
#15 n-Hexacosane (C26)

R.T.: 15.971 min
Delta R.T.: -0.015 min
Response: 1760661
Conc: 17.22 ug/ml



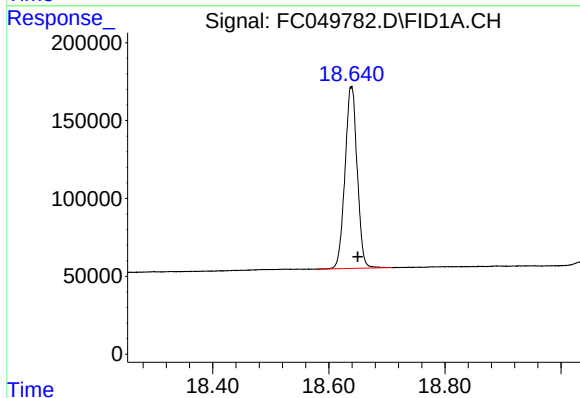
#16 n-Octacosane (C28)

R.T.: 16.920 min
Delta R.T.: -0.013 min
Response: 1768052
Conc: 17.59 ug/ml



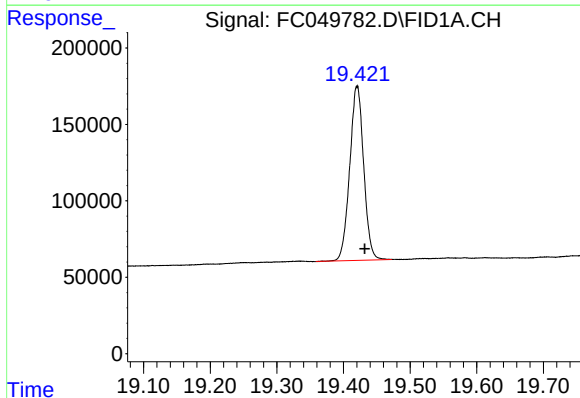
#17 n-Tricontane (C30)

R.T.: 17.808 min
Delta R.T.: -0.012 min
Response: 1776947
Conc: 18.25 ug/ml



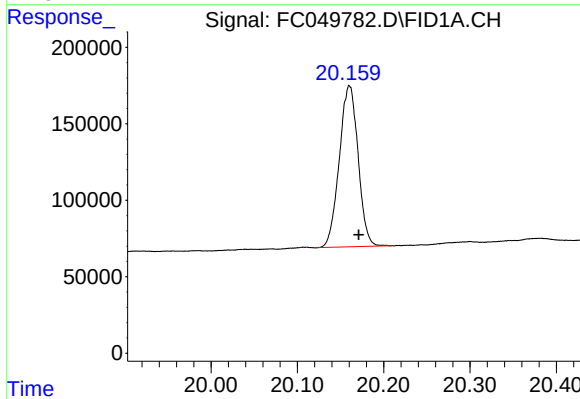
#18 n-Dotriacontane (C32)

R.T.: 18.639 min
Delta R.T.: -0.011 min
Response: 1702821
Conc: 18.84 ug/ml



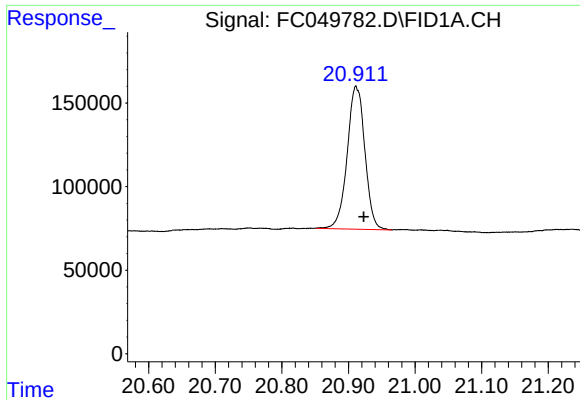
#19 n-Tetratriacontane (C34)

R.T.: 19.421 min
Delta R.T.: -0.011 min
Response: 1659974
Conc: 19.39 ug/ml m



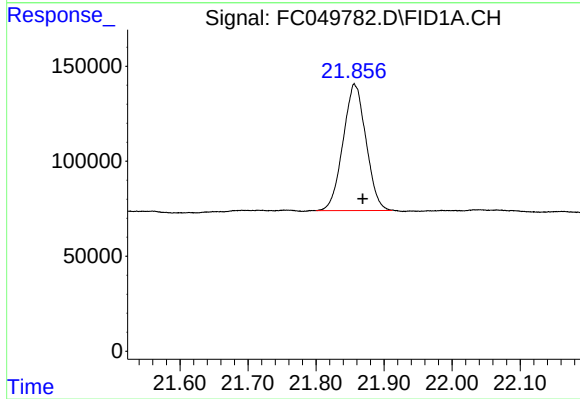
#20 n-Hexatriacontane (C36)

R.T.: 20.159 min
Delta R.T.: -0.012 min
Response: 1592424
Conc: 19.77 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 20.911 min
Delta R.T.: -0.012 min
Response: 1576601
Conc: 20.83 ug/ml m



#22 n-Tetracontane (C40)

R.T.: 21.856 min
Delta R.T.: -0.013 min
Response: 1558276
Conc: 20.03 ug/ml m