

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC111720AL\
 Data File : FC050842.D
 Signal(s) : FID1A.CH
 Acq On : 17 Nov 2020 19:08
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Nov 18 00:21:33 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 110220.M
 Quant Title : GC Extractables
 QLast Update : Tue Nov 03 02:36:40 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)	11.606	2271958	18.497 ug/ml
Spiked Amount 50.000		Recovery =	36.99%
12) S 1-chlorooctadecane (S...	13.040	1762634	18.256 ug/ml
Spiked Amount 50.000		Recovery =	36.51%
Target Compounds			
1) T n-Nonane (C9)	3.357	2192892	20.609 ug/ml
2) T n-Decane (C10)	4.427	2209454	20.775 ug/ml
3) T A~Naphthalene (C11.7)	6.020	2324981	20.189 ug/ml
4) T n-Dodecane (C12)	6.447	2255312	20.801 ug/ml
5) T A~2-methylnaphthalene...	7.078	2316546	20.191 ug/ml
6) T n-Tetradecane (C14)	8.243	2218643	20.570 ug/ml
7) T n-Hexadecane (C16)	9.844	2170010	20.385 ug/ml
8) T n-Octadecane (C18)	11.285	2215040	19.691 ug/ml
10) T n-Eicosane (C20)	12.594	2161753	18.940 ug/ml
11) T n-Heneicosane (C21)	13.206	2113047	18.522 ug/ml
13) T n-Docosane (C22)	13.792	2072609	18.161 ug/ml
14) T n-Tetracosane (C24)	14.895	1998362	17.499 ug/ml
15) T n-Hexacosane (C26)	15.913	1932268	17.042 ug/ml
16) T n-Octacosane (C28)	16.863	1910817	16.840 ug/ml
17) T n-Tricontane (C30)	17.751	1890649	17.005 ug/ml
18) T n-Dotriacontane (C32)	18.582	1790906	17.360 ug/ml
19) T n-Tetratriacontane (C34)	19.364	1685714	17.519 ug/ml
20) T n-Hexatriacontane (C36)	20.101	1557850	17.340 ug/ml
21) T n-Octatriacontane (C38)	20.842	1417561	17.049 ug/ml
22) T n-Tetracontane (C40)	21.767	1390804	16.620 ug/ml

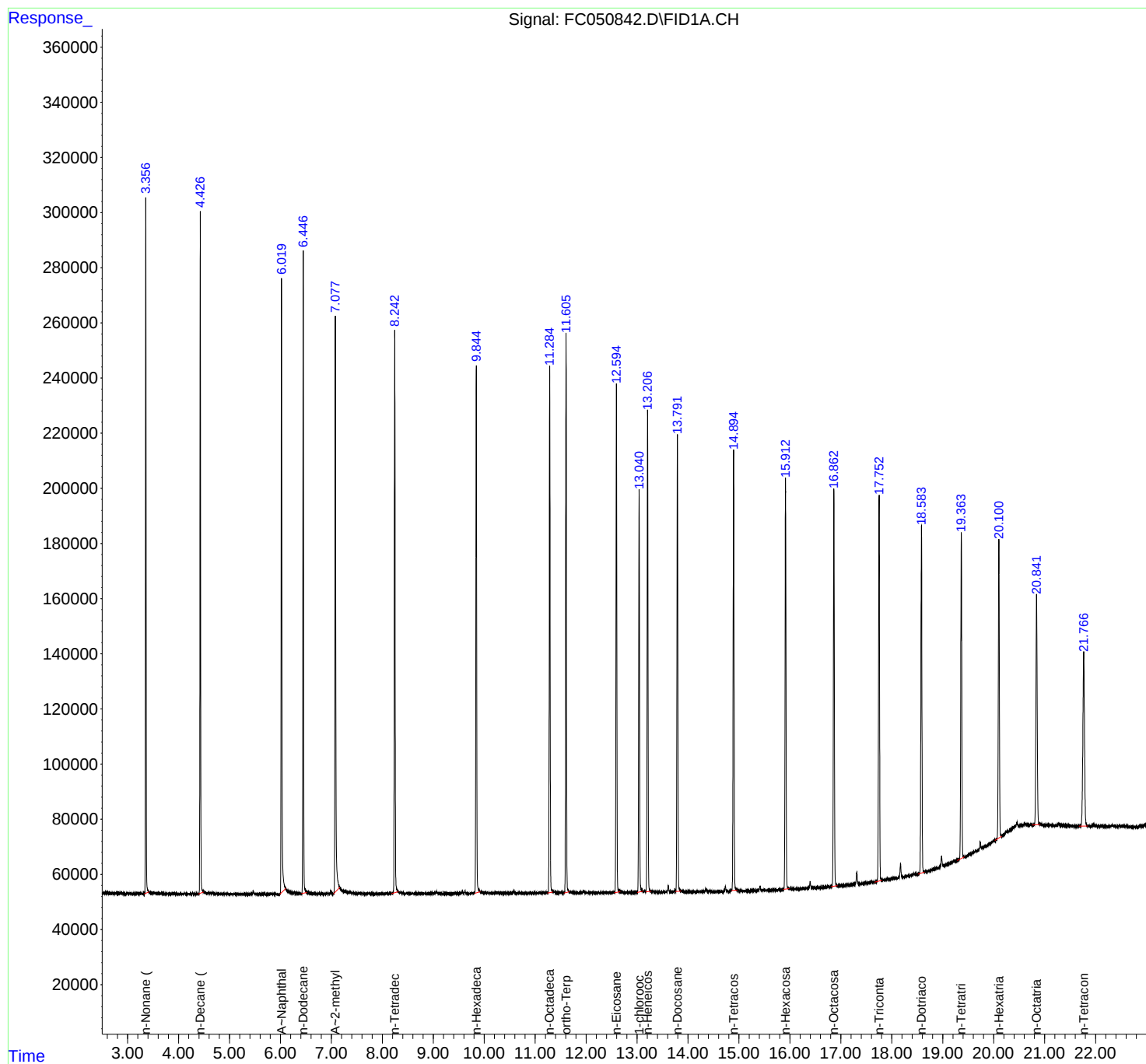
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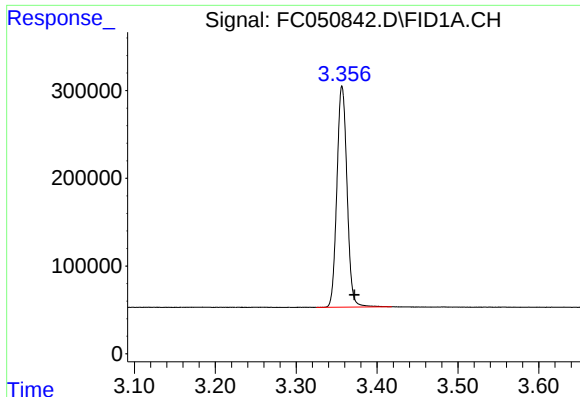
(m)=manual int.

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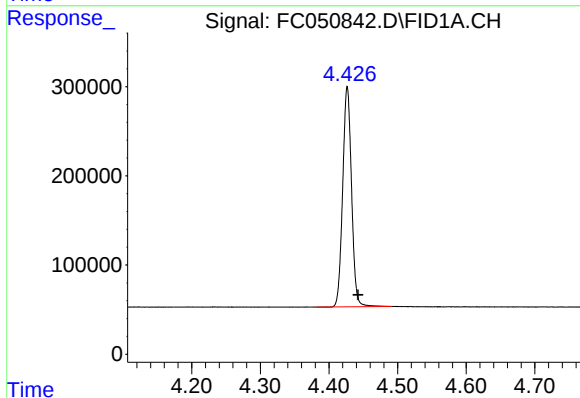
Volume Inj. : 1 ul
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Signal Info : 20M x 0.18mm x 0.18um





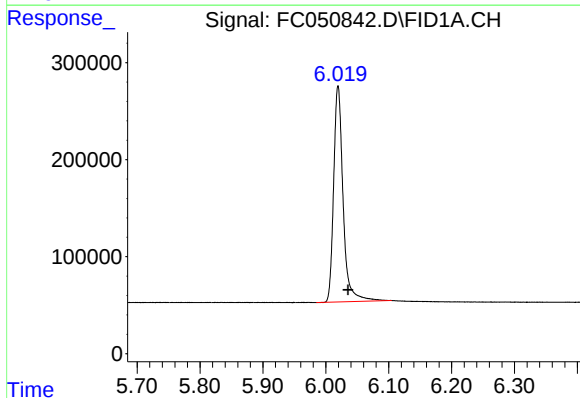
#1 n-Nonane (C9)

R.T.: 3.357 min
Delta R.T.: -0.015 min
Response: 2192892
Conc: 20.61 ug/ml



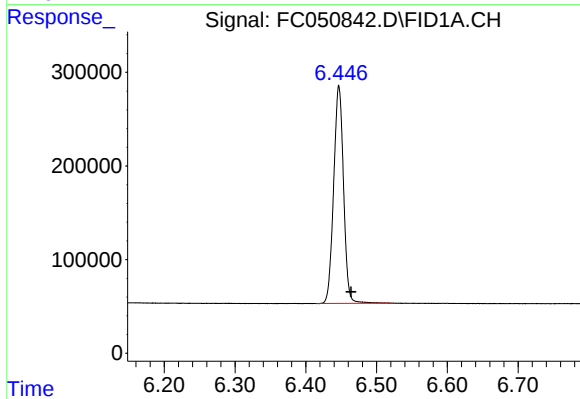
#2 n-Decane (C10)

R.T.: 4.427 min
Delta R.T.: -0.016 min
Response: 2209454
Conc: 20.78 ug/ml



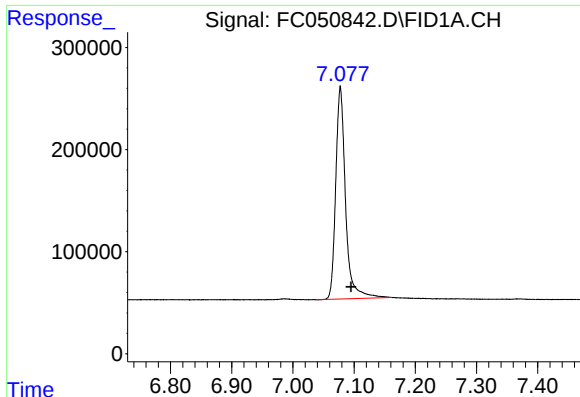
#3 A~Naphthalene (C11.7)

R.T.: 6.020 min
Delta R.T.: -0.016 min
Response: 2324981
Conc: 20.19 ug/ml



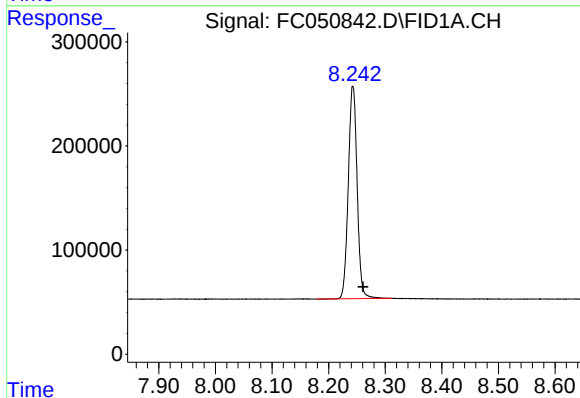
#4 n-Dodecane (C12)

R.T.: 6.447 min
Delta R.T.: -0.017 min
Response: 2255312
Conc: 20.80 ug/ml



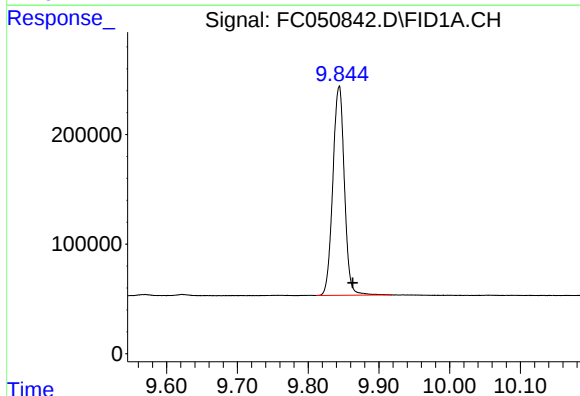
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.078 min
Delta R.T.: -0.017 min
Response: 2316546
Conc: 20.19 ug/ml



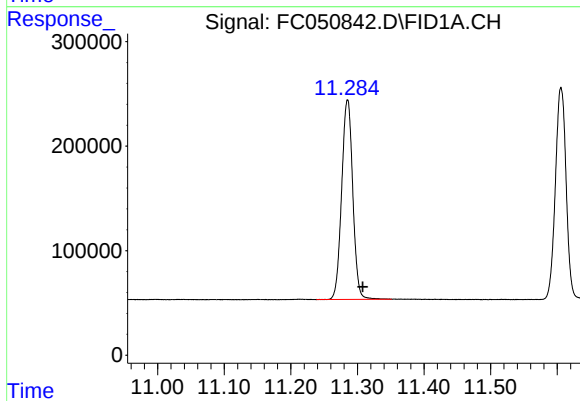
#6 n-Tetradecane (C14)

R.T.: 8.243 min
Delta R.T.: -0.018 min
Response: 2218643
Conc: 20.57 ug/ml



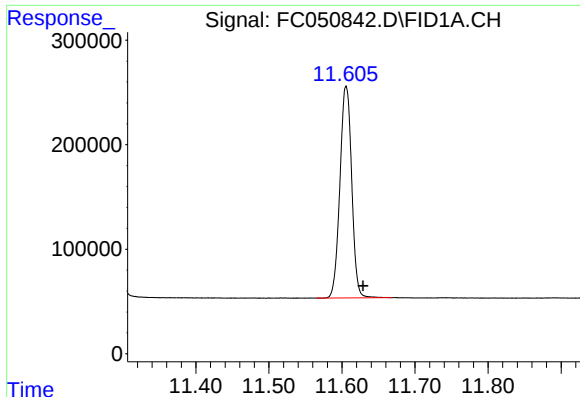
#7 n-Hexadecane (C16)

R.T.: 9.844 min
Delta R.T.: -0.020 min
Response: 2170010
Conc: 20.38 ug/ml



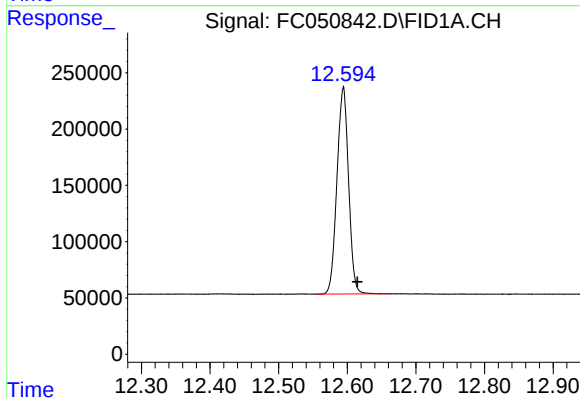
#8 n-Octadecane (C18)

R.T.: 11.285 min
Delta R.T.: -0.023 min
Response: 2215040
Conc: 19.69 ug/ml



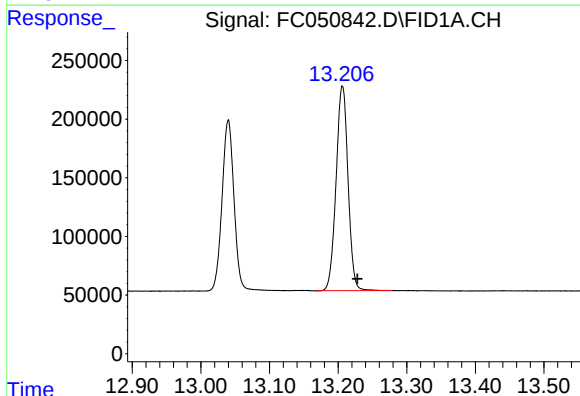
#9 ortho-Terphenyl (SURR)

R.T.: 11.606 min
Delta R.T.: -0.023 min
Response: 2271958
Conc: 18.50 ug/ml



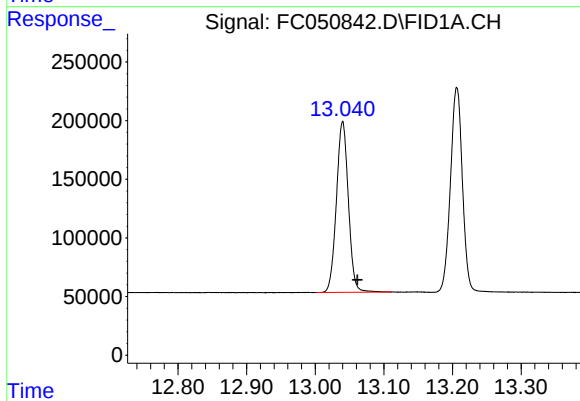
#10 n-Eicosane (C20)

R.T.: 12.594 min
Delta R.T.: -0.021 min
Response: 2161753
Conc: 18.94 ug/ml



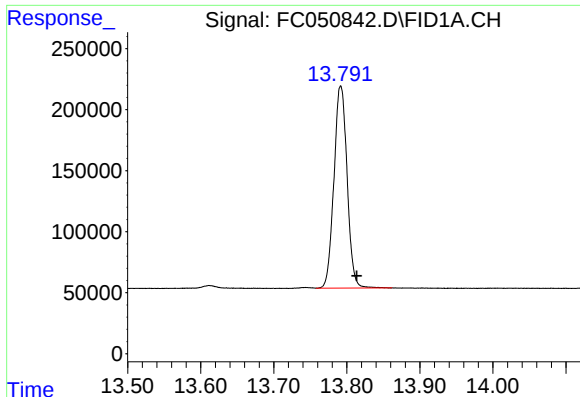
#11 n-Heneicosane (C21)

R.T.: 13.206 min
Delta R.T.: -0.022 min
Response: 2113047
Conc: 18.52 ug/ml



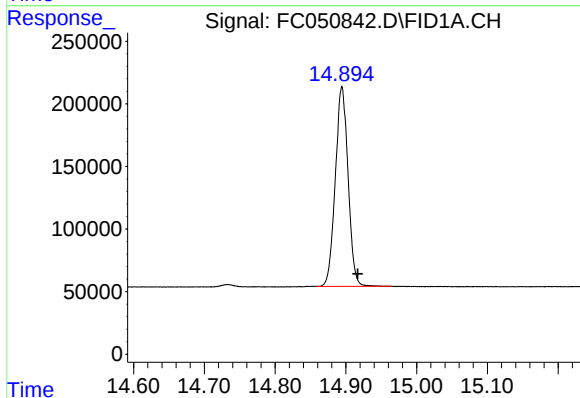
#12 1-chlorooctadecane (SURR)

R.T.: 13.040 min
Delta R.T.: -0.021 min
Response: 1762634
Conc: 18.26 ug/ml



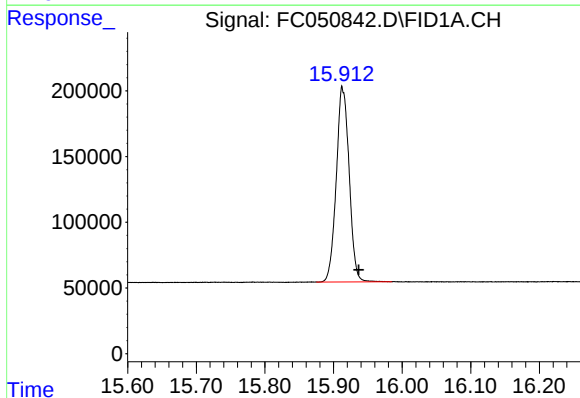
#13 n-Docosane (C22)

R.T.: 13.792 min
Delta R.T.: -0.022 min
Response: 2072609
Conc: 18.16 ug/ml



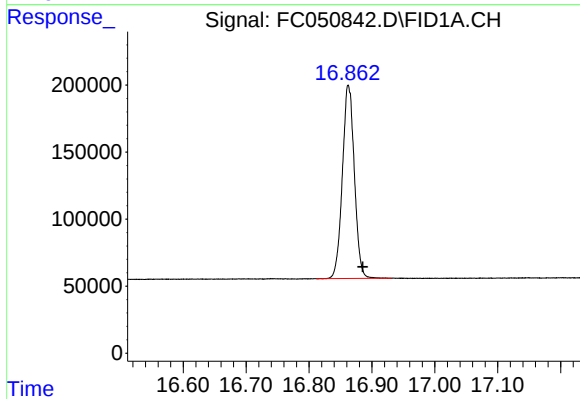
#14 n-Tetracosane (C24)

R.T.: 14.895 min
Delta R.T.: -0.022 min
Response: 1998362
Conc: 17.50 ug/ml



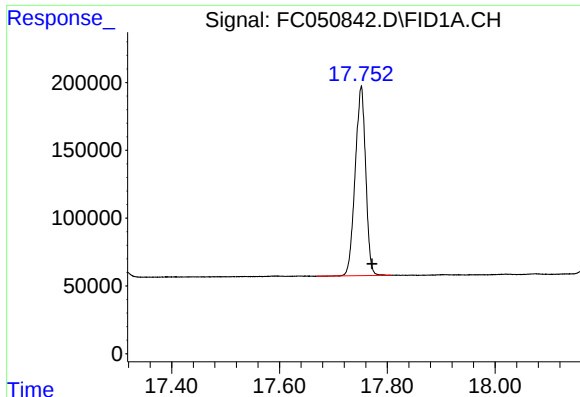
#15 n-Hexacosane (C26)

R.T.: 15.913 min
Delta R.T.: -0.023 min
Response: 1932268
Conc: 17.04 ug/ml



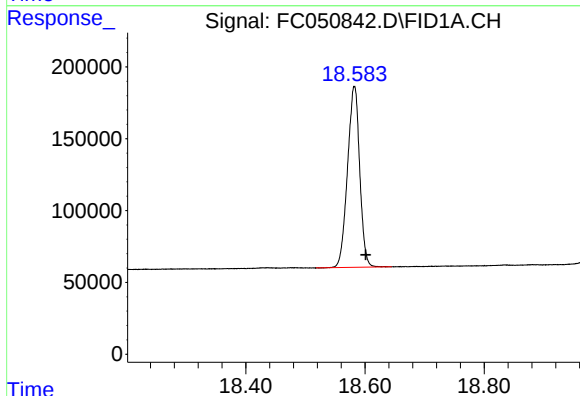
#16 n-Octacosane (C28)

R.T.: 16.863 min
Delta R.T.: -0.023 min
Response: 1910817
Conc: 16.84 ug/ml



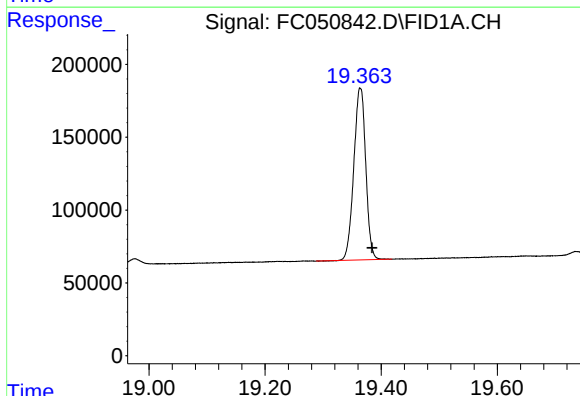
#17 n-Tricontane (C30)

R.T.: 17.751 min
Delta R.T.: -0.020 min
Response: 1890649
Conc: 17.01 ug/ml



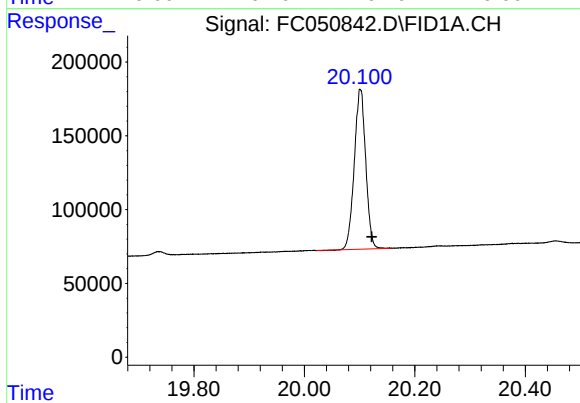
#18 n-Dotriacontane (C32)

R.T.: 18.582 min
Delta R.T.: -0.019 min
Response: 1790906
Conc: 17.36 ug/ml



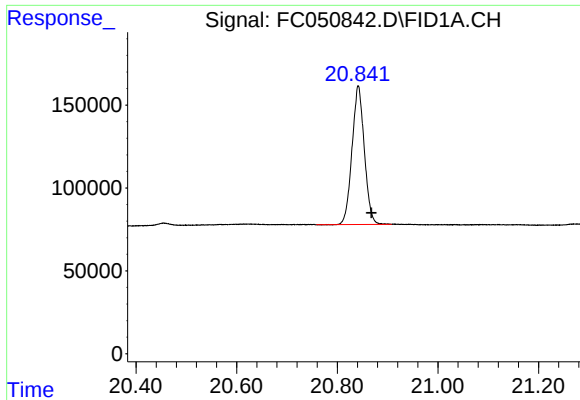
#19 n-Tetratriacontane (C34)

R.T.: 19.364 min
Delta R.T.: -0.020 min
Response: 1685714
Conc: 17.52 ug/ml



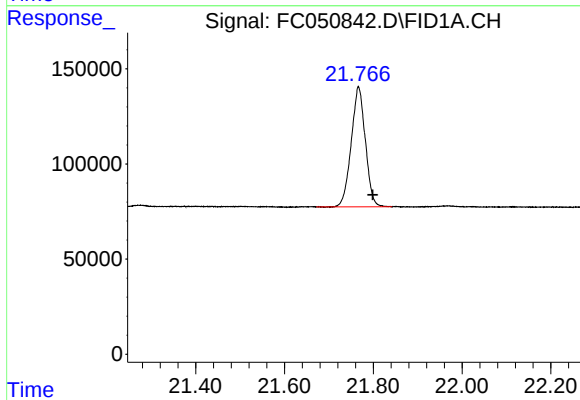
#20 n-Hexatriacontane (C36)

R.T.: 20.101 min
Delta R.T.: -0.020 min
Response: 1557850
Conc: 17.34 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.842 min
Delta R.T.: -0.026 min
Response: 1417561
Conc: 17.05 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.767 min
Delta R.T.: -0.032 min
Response: 1390804
Conc: 16.62 ug/ml