

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC123120AL\
 Data File : FC051526.D
 Signal(s) : FID1A.CH
 Acq On : 31 Dec 2020 20:27
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Jan 01 00:44:12 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 122120.M
 Quant Title : GC Extractables
 QLast Update : Tue Dec 22 00:33:00 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)	11.562	2185244	18.855 ug/ml
Spiked Amount 50.000		Recovery =	37.71%
12) S 1-chlorooctadecane (S...	12.996	1686636	18.697 ug/ml
Spiked Amount 50.000		Recovery =	37.39%
Target Compounds			
1) T n-Nonane (C9)	3.325	2053232	20.811 ug/ml
2) T n-Decane (C10)	4.391	2090583	21.142 ug/ml
3) T A~Naphthalene (C11.7)	5.983	2167804	20.728 ug/ml
4) T n-Dodecane (C12)	6.409	2135021	20.885 ug/ml
5) T A~2-methylnaphthalene...	7.039	2168962	20.648 ug/ml
6) T n-Tetradecane (C14)	8.203	2094148	20.644 ug/ml
7) T n-Hexadecane (C16)	9.802	2033588	20.191 ug/ml
8) T n-Octadecane (C18)	11.244	2091292	19.608 ug/ml
10) T n-Eicosane (C20)	12.551	2054206	19.075 ug/ml
11) T n-Heneicosane (C21)	13.162	2018713	18.820 ug/ml
13) T n-Docosane (C22)	13.748	2000888	18.736 ug/ml
14) T n-Tetracosane (C24)	14.849	1946862	18.394 ug/ml
15) T n-Hexacosane (C26)	15.869	1904617	18.389 ug/ml
16) T n-Octacosane (C28)	16.817	1904714	18.708 ug/ml
17) T n-Tricontane (C30)	17.702	1909701	19.392 ug/ml
18) T n-Dotriacontane (C32)	18.534	1818521	20.072 ug/ml
19) T n-Tetratriacontane (C34)	19.317	1736208	20.427 ug/mlm
20) T n-Hexatriacontane (C36)	20.054	1665898	19.647 ug/mlm
21) T n-Octatriacontane (C38)	20.785	1687241	22.038 ug/ml
22) T n-Tetracontane (C40)	21.692	1634158	20.665 ug/ml

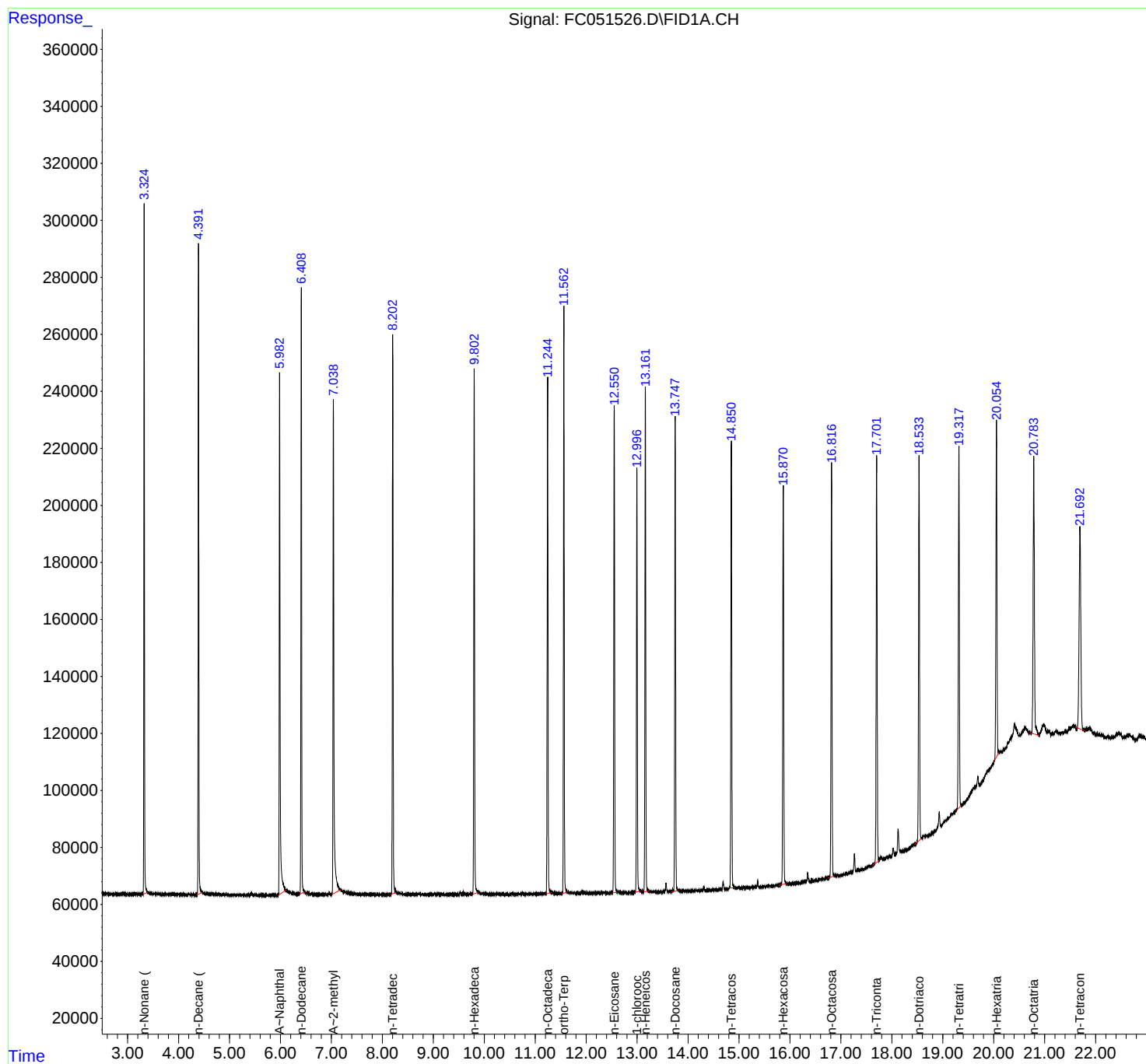
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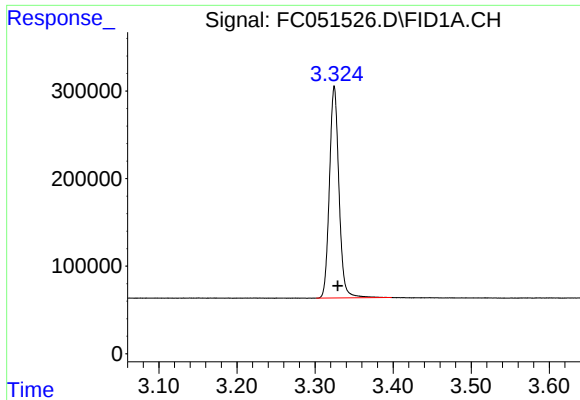
(m)=manual int.

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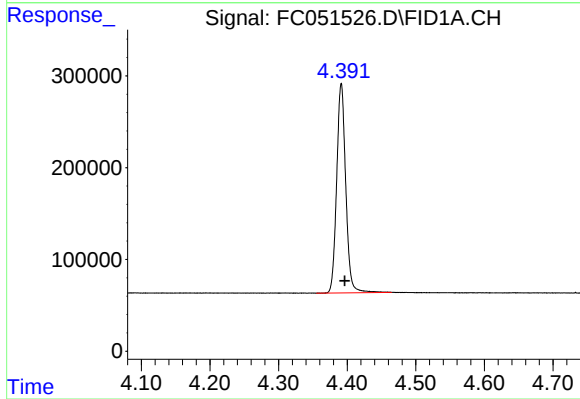
Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um





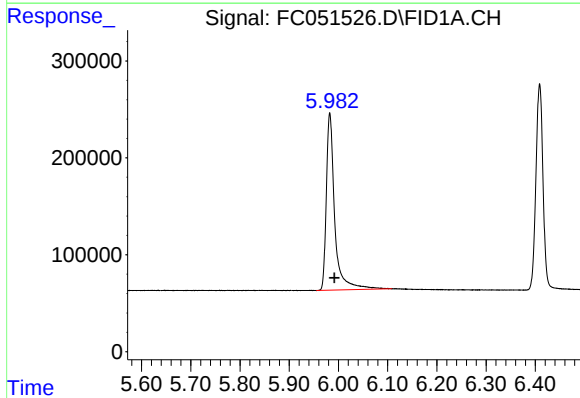
#1 n-Nonane (C9)

R.T.: 3.325 min
Delta R.T.: -0.004 min
Response: 2053232
Conc: 20.81 ug/ml



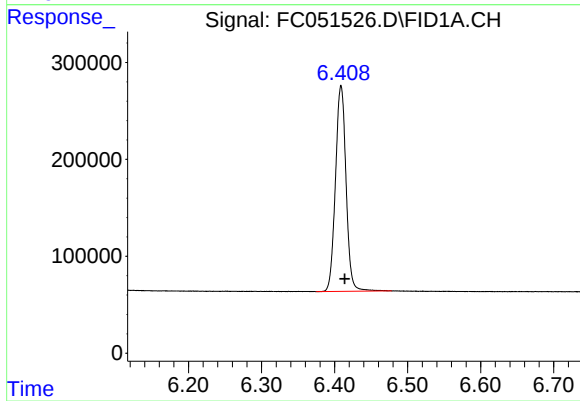
#2 n-Decane (C10)

R.T.: 4.391 min
Delta R.T.: -0.005 min
Response: 2090583
Conc: 21.14 ug/ml



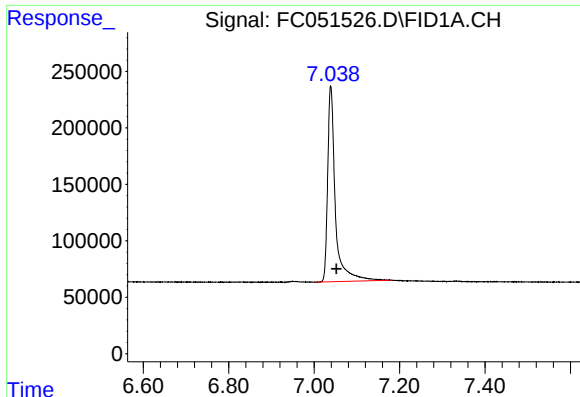
#3 A~Naphthalene (C11.7)

R.T.: 5.983 min
Delta R.T.: -0.009 min
Response: 2167804
Conc: 20.73 ug/ml



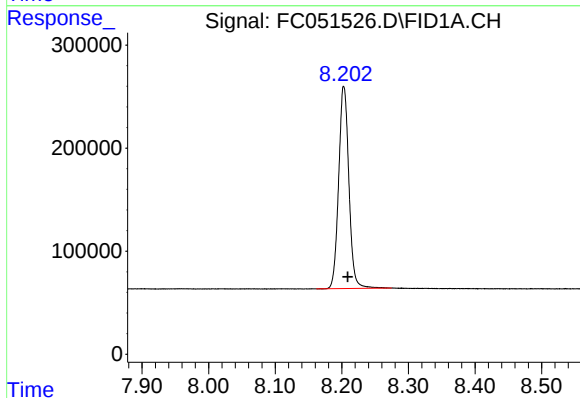
#4 n-Dodecane (C12)

R.T.: 6.409 min
Delta R.T.: -0.005 min
Response: 2135021
Conc: 20.88 ug/ml



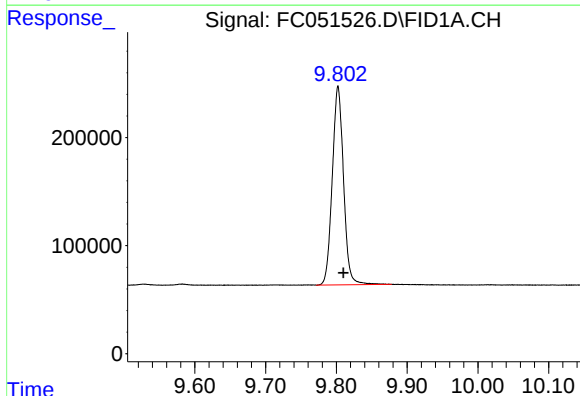
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.039 min
Delta R.T.: -0.013 min
Response: 2168962
Conc: 20.65 ug/ml



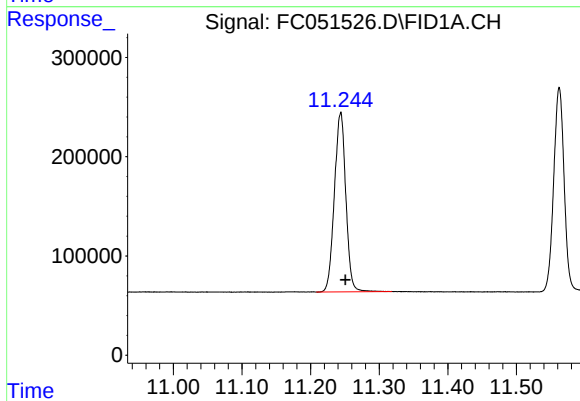
#6 n-Tetradecane (C14)

R.T.: 8.203 min
Delta R.T.: -0.006 min
Response: 2094148
Conc: 20.64 ug/ml



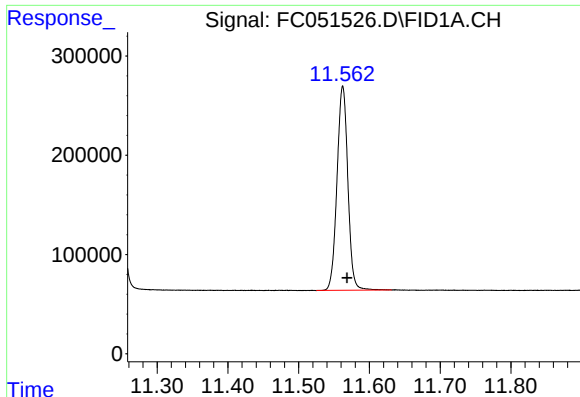
#7 n-Hexadecane (C16)

R.T.: 9.802 min
Delta R.T.: -0.008 min
Response: 2033588
Conc: 20.19 ug/ml



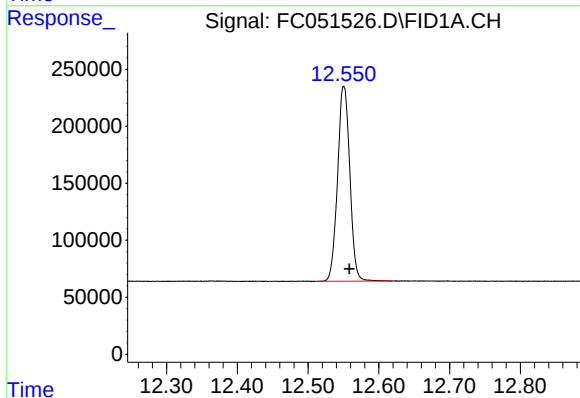
#8 n-Octadecane (C18)

R.T.: 11.244 min
Delta R.T.: -0.007 min
Response: 2091292
Conc: 19.61 ug/ml



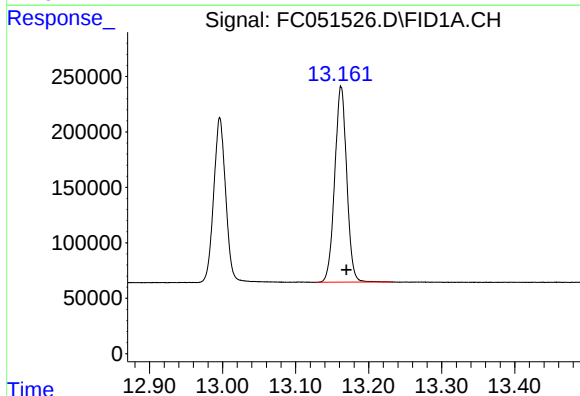
#9 ortho-Terphenyl (SURR)

R.T.: 11.562 min
Delta R.T.: -0.006 min
Response: 2185244
Conc: 18.85 ug/ml



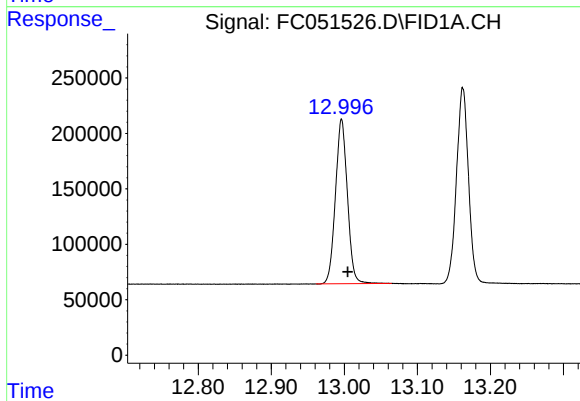
#10 n-Eicosane (C20)

R.T.: 12.551 min
Delta R.T.: -0.008 min
Response: 2054206
Conc: 19.08 ug/ml



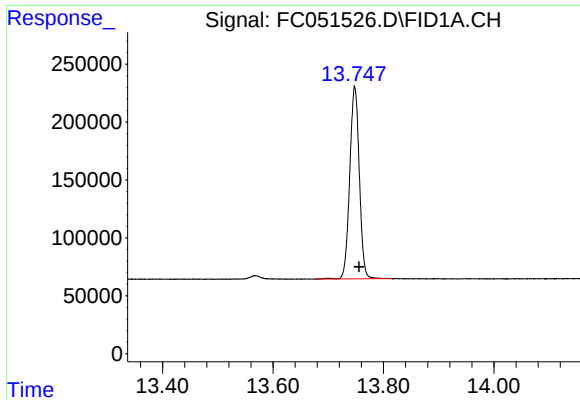
#11 n-Heneicosane (C21)

R.T.: 13.162 min
Delta R.T.: -0.007 min
Response: 2018713
Conc: 18.82 ug/ml



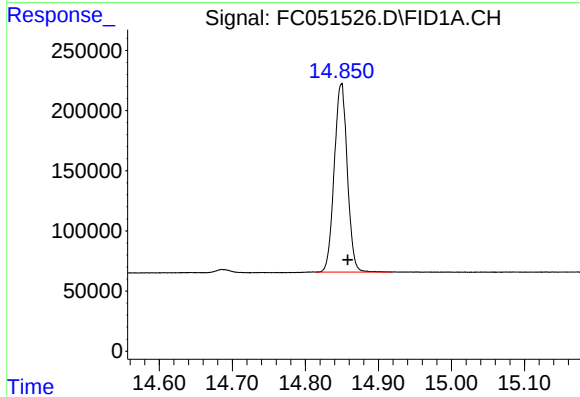
#12 1-chlorooctadecane (SURR)

R.T.: 12.996 min
Delta R.T.: -0.008 min
Response: 1686636
Conc: 18.70 ug/ml



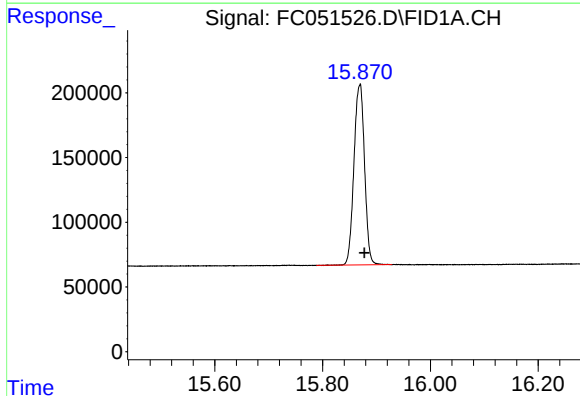
#13 n-Docosane (C22)

R.T.: 13.748 min
Delta R.T.: -0.008 min
Response: 2000888
Conc: 18.74 ug/ml



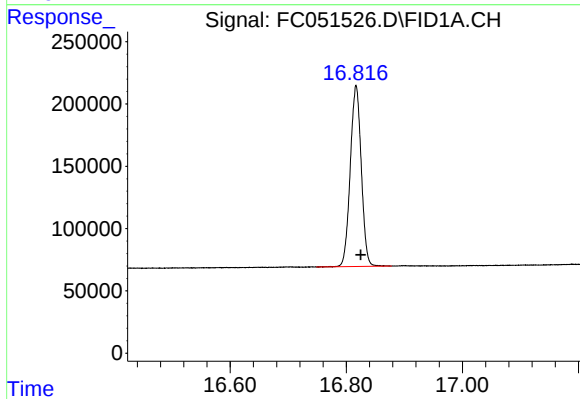
#14 n-Tetracosane (C24)

R.T.: 14.849 min
Delta R.T.: -0.009 min
Response: 1946862
Conc: 18.39 ug/ml



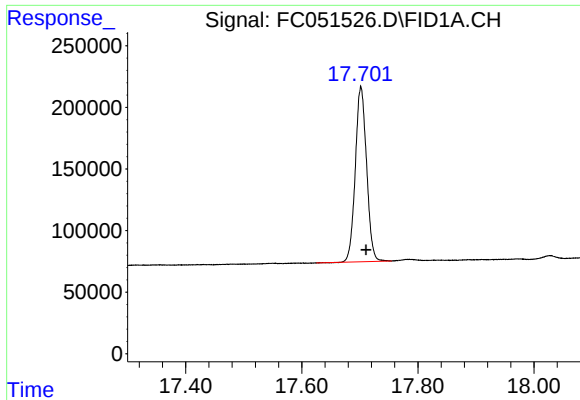
#15 n-Hexacosane (C26)

R.T.: 15.869 min
Delta R.T.: -0.009 min
Response: 1904617
Conc: 18.39 ug/ml



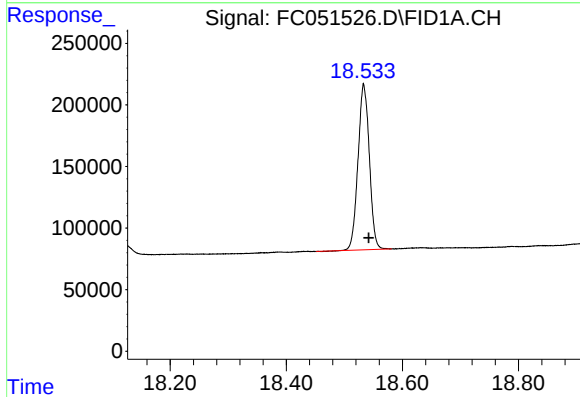
#16 n-Octacosane (C28)

R.T.: 16.817 min
Delta R.T.: -0.008 min
Response: 1904714
Conc: 18.71 ug/ml



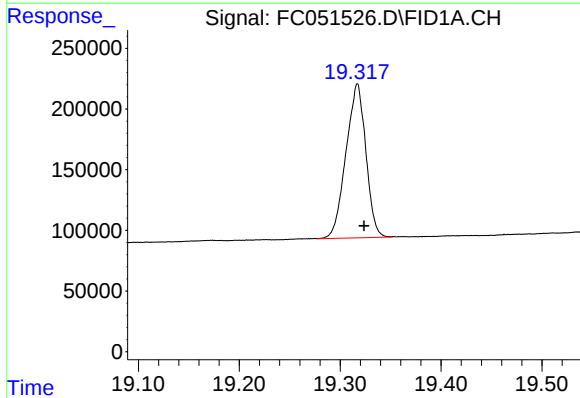
#17 n-Tricontane (C30)

R.T.: 17.702 min
Delta R.T.: -0.009 min
Response: 1909701
Conc: 19.39 ug/ml



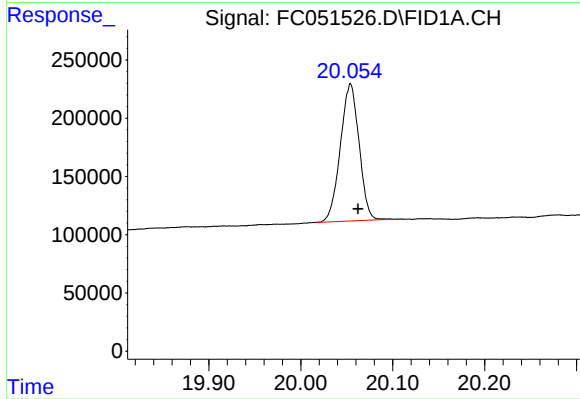
#18 n-Dotriacontane (C32)

R.T.: 18.534 min
Delta R.T.: -0.009 min
Response: 1818521
Conc: 20.07 ug/ml



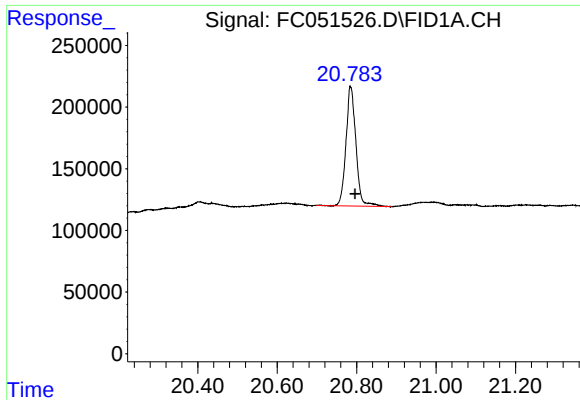
#19 n-Tetratriacontane (C34)

R.T.: 19.317 min
Delta R.T.: -0.007 min
Response: 1736208
Conc: 20.43 ug/ml m



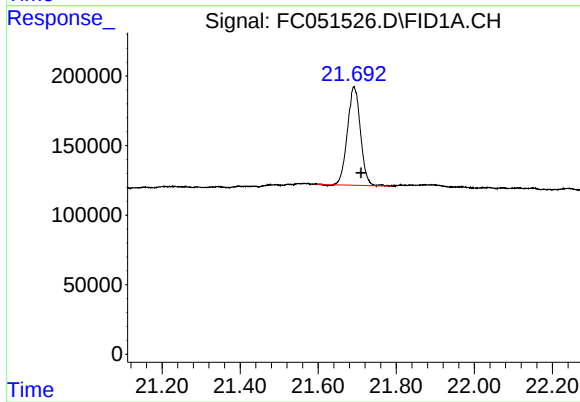
#20 n-Hexatriacontane (C36)

R.T.: 20.054 min
Delta R.T.: -0.009 min
Response: 1665898
Conc: 19.65 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 20.785 min
Delta R.T.: -0.011 min
Response: 1687241
Conc: 22.04 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.692 min
Delta R.T.: -0.017 min
Response: 1634158
Conc: 20.66 ug/ml