

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC120821AL\
 Data File : FC057288.D
 Signal(s) : FID1A.CH
 Acq On : 08 Dec 2021 12:46
 Operator : AJ\MA
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Dec 09 01:06:34 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 111921.M
 Quant Title : GC Extractables
 Qlast Update : Fri Nov 19 00:52:49 2021
 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)	11.581	2315988	19.957 ug/ml
Spiked Amount 50.000		Recovery =	39.91%
12) S 1-chlorooctadecane (S...	13.014	1798214	19.752 ug/ml
Spiked Amount 50.000		Recovery =	39.50%
Target Compounds			
1) T n-Nonane (C9)	3.349	2174252	21.457 ug/ml
2) T n-Decane (C10)	4.414	2186924	21.839 ug/ml
3) T A~Naphthalene (C11.7)	6.002	2391526	21.418 ug/ml
4) T n-Dodecane (C12)	6.430	2208380	21.781 ug/ml
5) T A~2-methylnaphthalene...	7.057	2407555	21.835 ug/ml
6) T n-Tetradecane (C14)	8.223	2210006	21.812 ug/ml
7) T n-Hexadecane (C16)	9.822	2209763	21.534 ug/ml
8) T n-Octadecane (C18)	11.262	2252698	21.026 ug/ml
10) T n-Eicosane (C20)	12.569	2177879	20.363 ug/ml
11) T n-Heneicosane (C21)	13.180	2162776	19.971 ug/ml
13) T n-Docosane (C22)	13.765	2099607	19.598 ug/ml
14) T n-Tetracosane (C24)	14.864	2041878	18.862 ug/ml
15) T n-Hexacosane (C26)	15.881	1935332	18.169 ug/ml
16) T n-Octacosane (C28)	16.829	1902642	17.837 ug/ml
17) T n-Tricontane (C30)	17.714	1868198	17.528 ug/ml
18) T n-Dotriacontane (C32)	18.542	1853275	17.570 ug/ml
19) T n-Tetratriacontane (C34)	19.322	1867886	17.980 ug/ml
20) T n-Hexatriacontane (C36)	20.058	1871598	18.529 ug/ml
21) T n-Octatriacontane (C38)	20.787	1820985	19.837 ug/ml
22) T n-Tetracontane (C40)	21.687	1868388	20.740 ug/ml

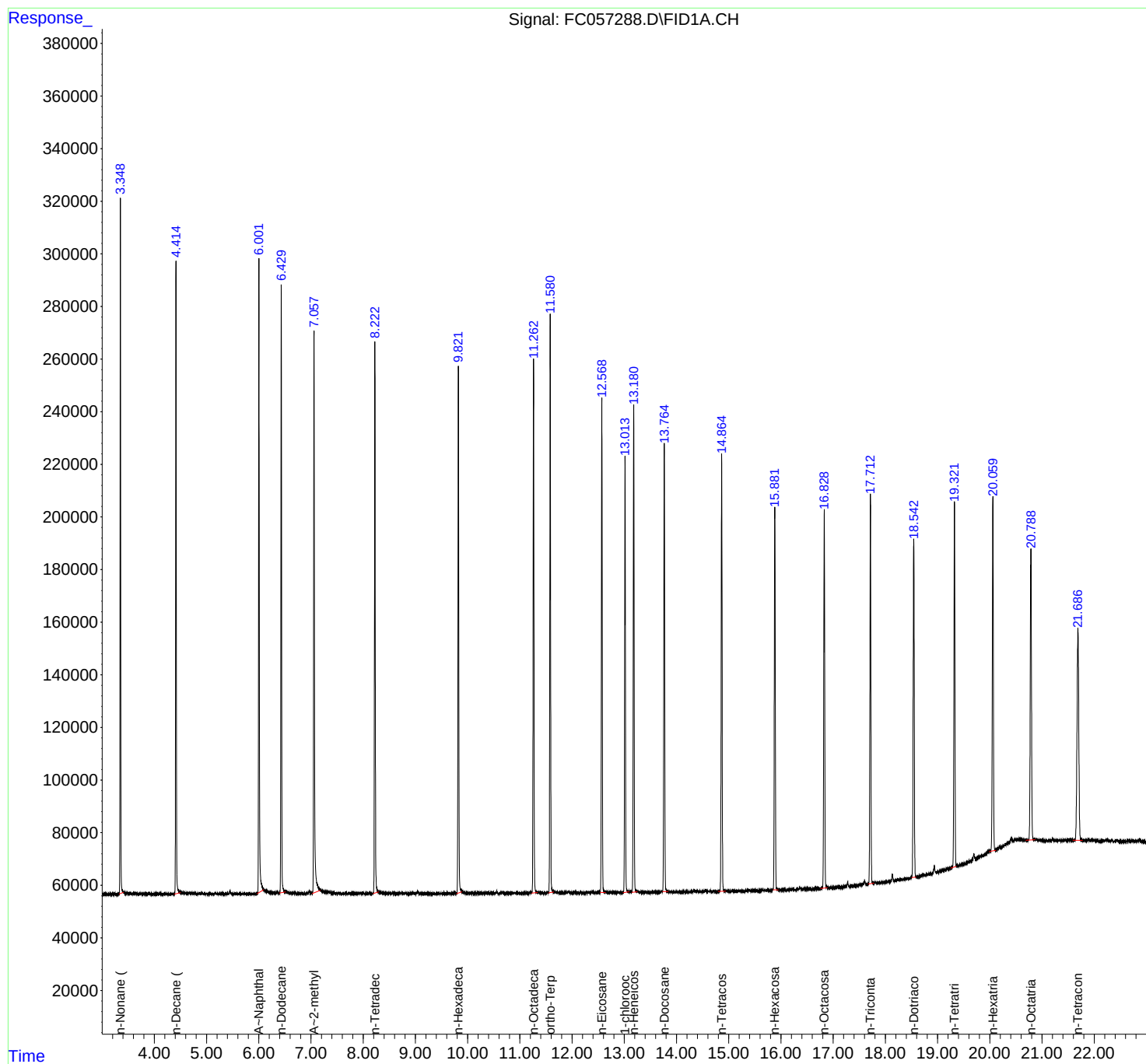
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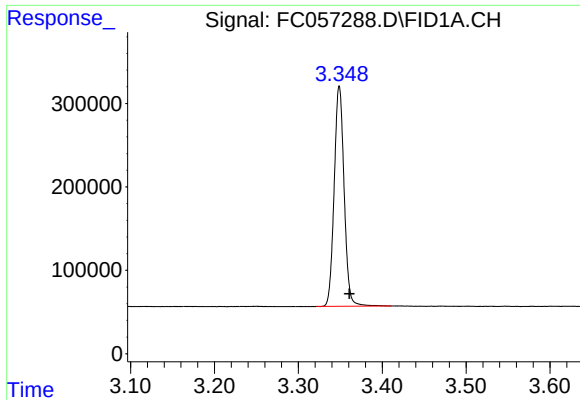
(m)=manual int.

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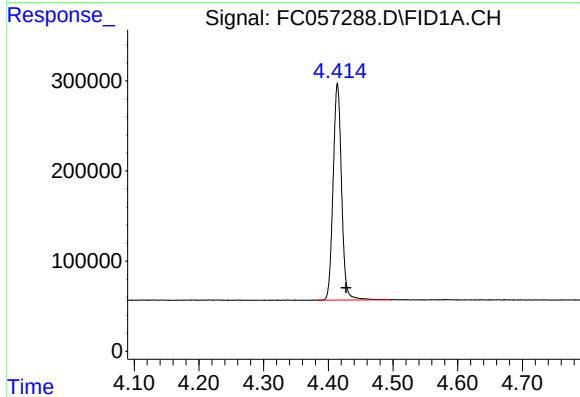
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Signal Info : 20M x 0.18mm x 0.18um





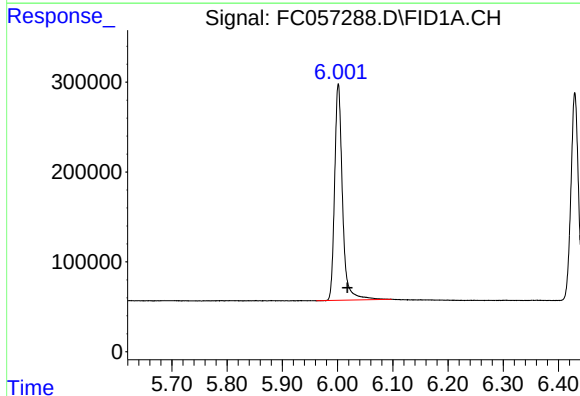
#1 n-Nonane (C9)

R.T.: 3.349 min
Delta R.T.: -0.012 min
Response: 2174252
Conc: 21.46 ug/ml



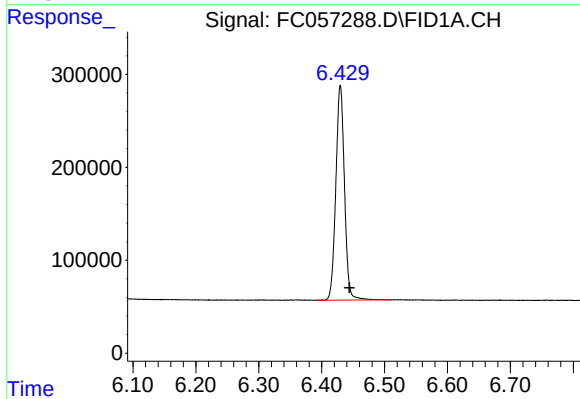
#2 n-Decane (C10)

R.T.: 4.414 min
Delta R.T.: -0.013 min
Response: 2186924
Conc: 21.84 ug/ml



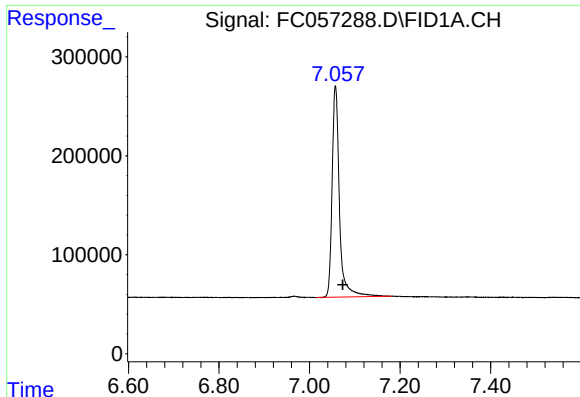
#3 A~Naphthalene (C11.7)

R.T.: 6.002 min
Delta R.T.: -0.016 min
Response: 2391526
Conc: 21.42 ug/ml



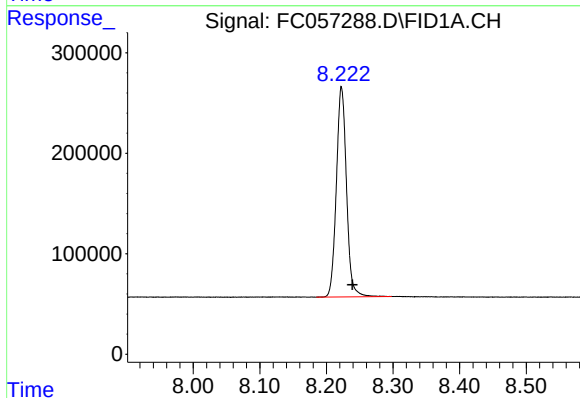
#4 n-Dodecane (C12)

R.T.: 6.430 min
Delta R.T.: -0.015 min
Response: 2208380
Conc: 21.78 ug/ml



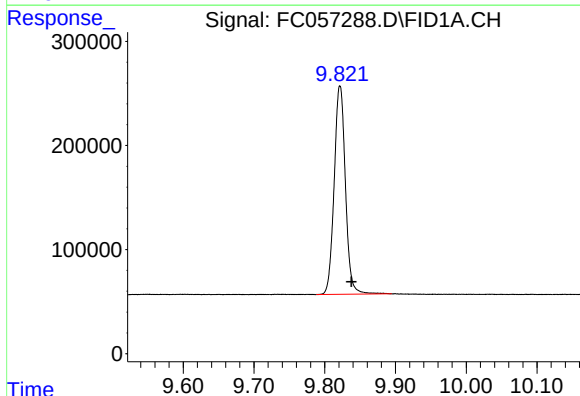
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.057 min
Delta R.T.: -0.016 min
Response: 2407555
Conc: 21.84 ug/ml



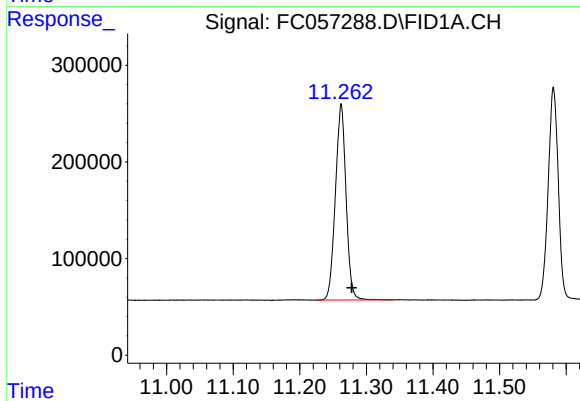
#6 n-Tetradecane (C14)

R.T.: 8.223 min
Delta R.T.: -0.016 min
Response: 2210006
Conc: 21.81 ug/ml



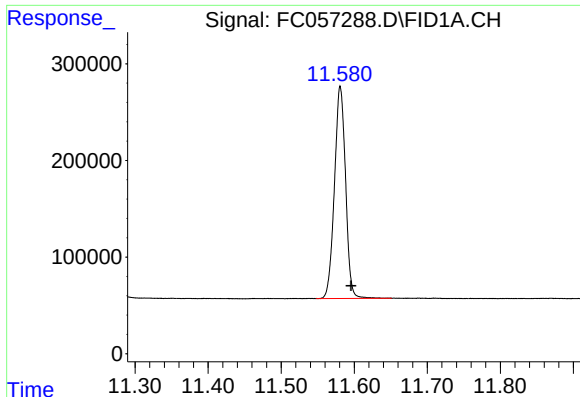
#7 n-Hexadecane (C16)

R.T.: 9.822 min
Delta R.T.: -0.016 min
Response: 2209763
Conc: 21.53 ug/ml



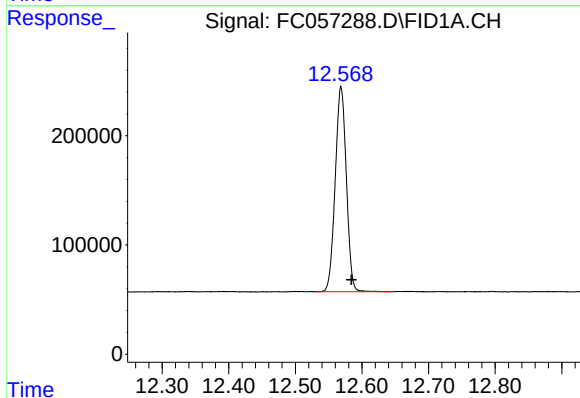
#8 n-Octadecane (C18)

R.T.: 11.262 min
Delta R.T.: -0.016 min
Response: 2252698
Conc: 21.03 ug/ml



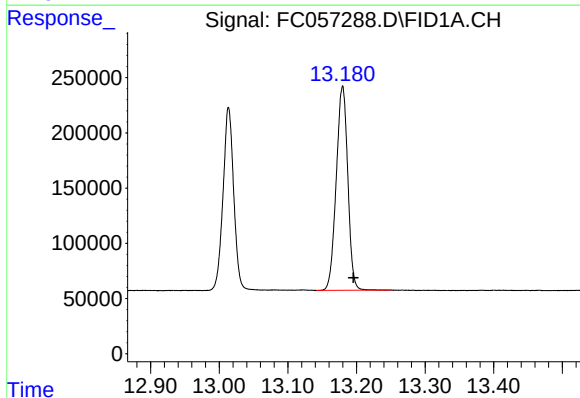
#9 ortho-Terphenyl (SURR)

R.T.: 11.581 min
Delta R.T.: -0.015 min
Response: 2315988
Conc: 19.96 ug/ml



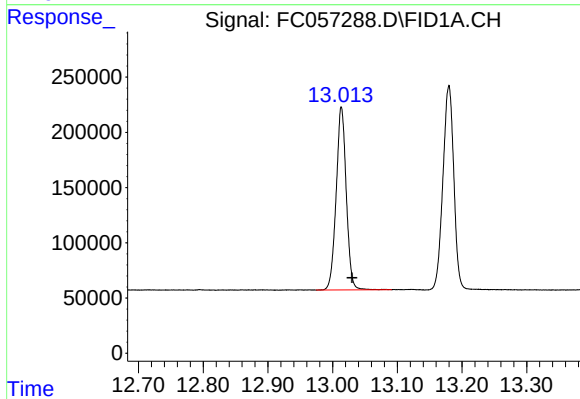
#10 n-Eicosane (C20)

R.T.: 12.569 min
Delta R.T.: -0.016 min
Response: 2177879
Conc: 20.36 ug/ml



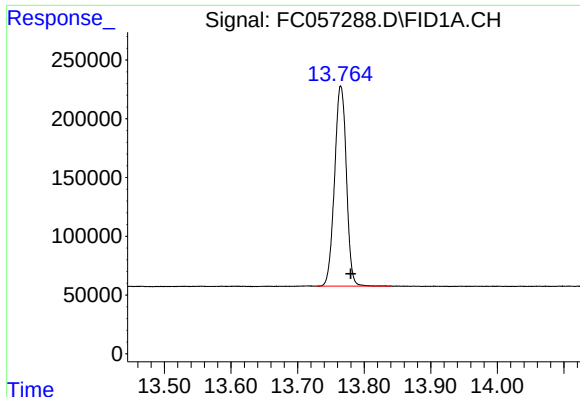
#11 n-Heneicosane (C21)

R.T.: 13.180 min
Delta R.T.: -0.016 min
Response: 2162776
Conc: 19.97 ug/ml



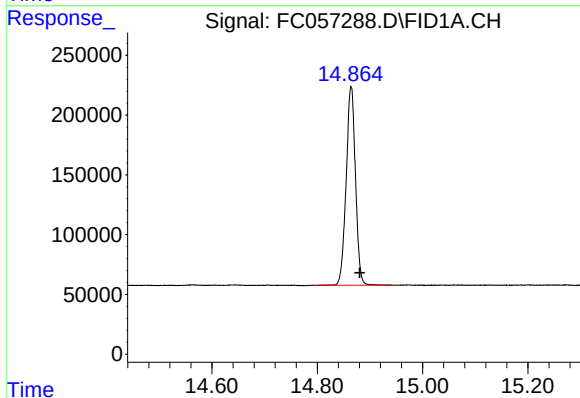
#12 1-chlorooctadecane (SURR)

R.T.: 13.014 min
Delta R.T.: -0.016 min
Response: 1798214
Conc: 19.75 ug/ml



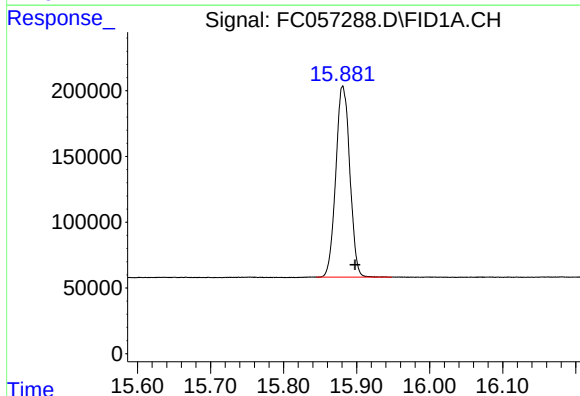
#13 n-Docosane (C22)

R.T.: 13.765 min
Delta R.T.: -0.015 min
Response: 2099607
Conc: 19.60 ug/ml



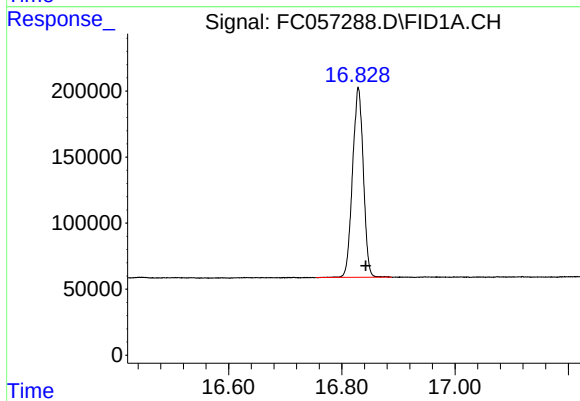
#14 n-Tetracosane (C24)

R.T.: 14.864 min
Delta R.T.: -0.016 min
Response: 2041878
Conc: 18.86 ug/ml



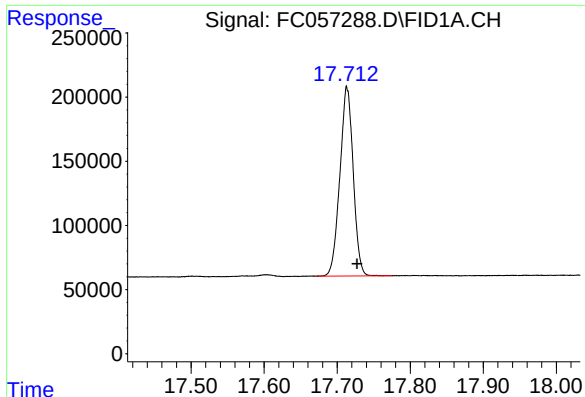
#15 n-Hexacosane (C26)

R.T.: 15.881 min
Delta R.T.: -0.017 min
Response: 1935332
Conc: 18.17 ug/ml



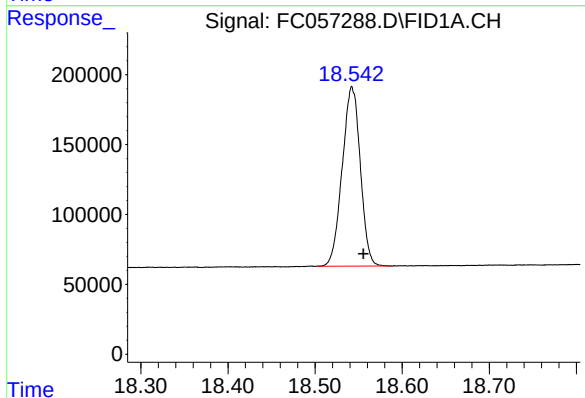
#16 n-Octacosane (C28)

R.T.: 16.829 min
Delta R.T.: -0.013 min
Response: 1902642
Conc: 17.84 ug/ml



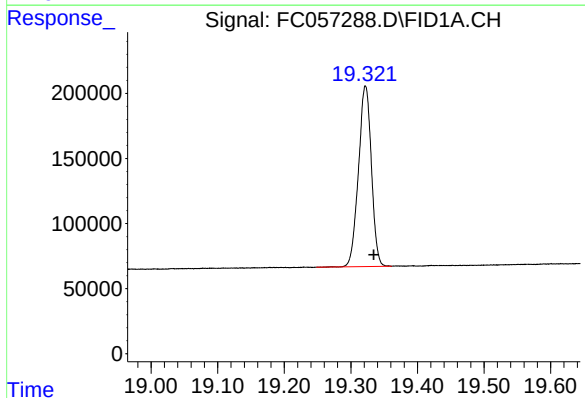
#17 n-Tricontane (C30)

R.T.: 17.714 min
Delta R.T.: -0.014 min
Response: 1868198
Conc: 17.53 ug/ml



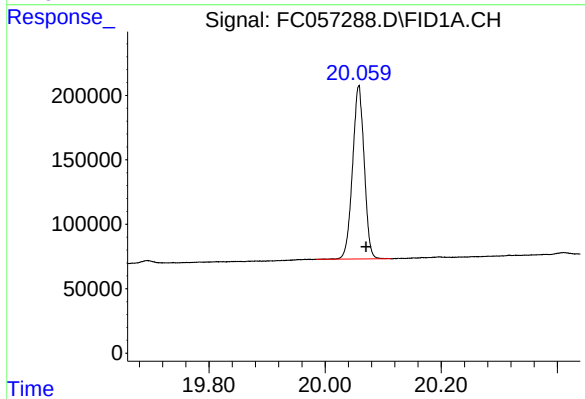
#18 n-Dotriacontane (C32)

R.T.: 18.542 min
Delta R.T.: -0.013 min
Response: 1853275
Conc: 17.57 ug/ml



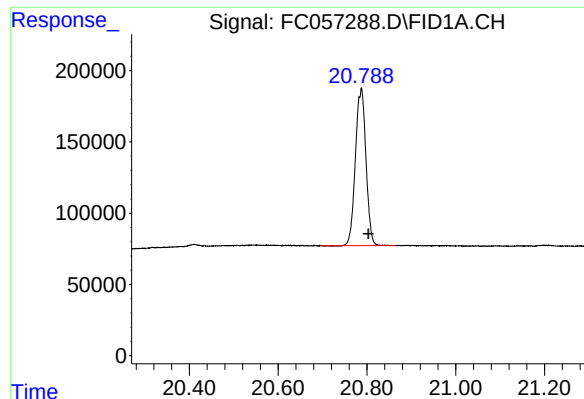
#19 n-Tetratriacontane (C34)

R.T.: 19.322 min
Delta R.T.: -0.012 min
Response: 1867886
Conc: 17.98 ug/ml



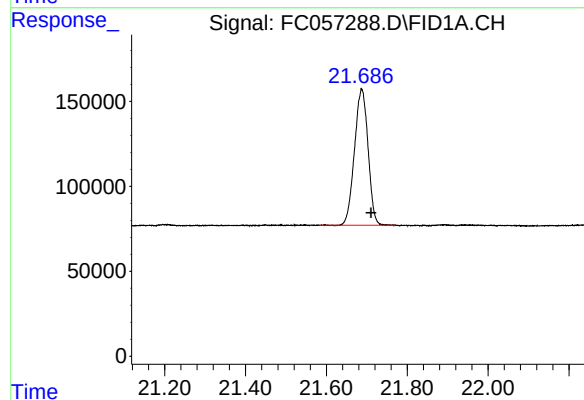
#20 n-Hexatriacontane (C36)

R.T.: 20.058 min
Delta R.T.: -0.013 min
Response: 1871598
Conc: 18.53 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.787 min
Delta R.T.: -0.016 min
Response: 1820985
Conc: 19.84 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.687 min
Delta R.T.: -0.023 min
Response: 1868388
Conc: 20.74 ug/ml