

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC102821AL\
 Data File : FC056494.D
 Signal(s) : FID1A.CH
 Acq On : 29 Oct 2021 9:55
 Operator : AJ\MA
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Oct 29 10:19:26 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 102121.M
 Quant Title : GC Extractables
 QLast Update : Thu Oct 21 01:00:25 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)	11.623	2237321	18.069 ug/ml
Spiked Amount 50.000		Recovery =	36.14%
12) S 1-chlorooctadecane (S...	13.055	1718644	17.861 ug/ml
Spiked Amount 50.000		Recovery =	35.72%
Target Compounds			
1) T n-Nonane (C9)	3.381	2218805	20.500 ug/ml
2) T n-Decane (C10)	4.448	2228832	20.691 ug/ml
3) T A~Naphthalene (C11.7)	6.039	2496854	20.479 ug/ml
4) T n-Dodecane (C12)	6.466	2263110	20.529 ug/ml
5) T A~2-methylnaphthalene...	7.097	2491230	20.343 ug/ml
6) T n-Tetradecane (C14)	8.262	2258337	20.116 ug/ml
7) T n-Hexadecane (C16)	9.862	2223605	19.559 ug/ml
8) T n-Octadecane (C18)	11.302	2209655	18.909 ug/ml
10) T n-Eicosane (C20)	12.609	2098384	18.258 ug/ml
11) T n-Heneicosane (C21)	13.220	2062254	17.945 ug/ml
13) T n-Docosane (C22)	13.804	2005777	17.816 ug/ml
14) T n-Tetracosane (C24)	14.905	1947244	17.670 ug/ml
15) T n-Hexacosane (C26)	15.922	1853648	17.563 ug/ml
16) T n-Octacosane (C28)	16.868	1834256	17.683 ug/ml
17) T n-Tricontane (C30)	17.754	1836052	17.721 ug/ml
18) T n-Dotriacontane (C32)	18.582	1851471	19.325 ug/ml
19) T n-Tetratriacontane (C34)	19.362	1817858	20.726 ug/ml
20) T n-Hexatriacontane (C36)	20.097	1874018	22.895 ug/ml
21) T n-Octatriacontane (C38)	20.831	1774477	22.188 ug/ml
22) T n-Tetracontane (C40)	21.752	1799082	21.836 ug/ml

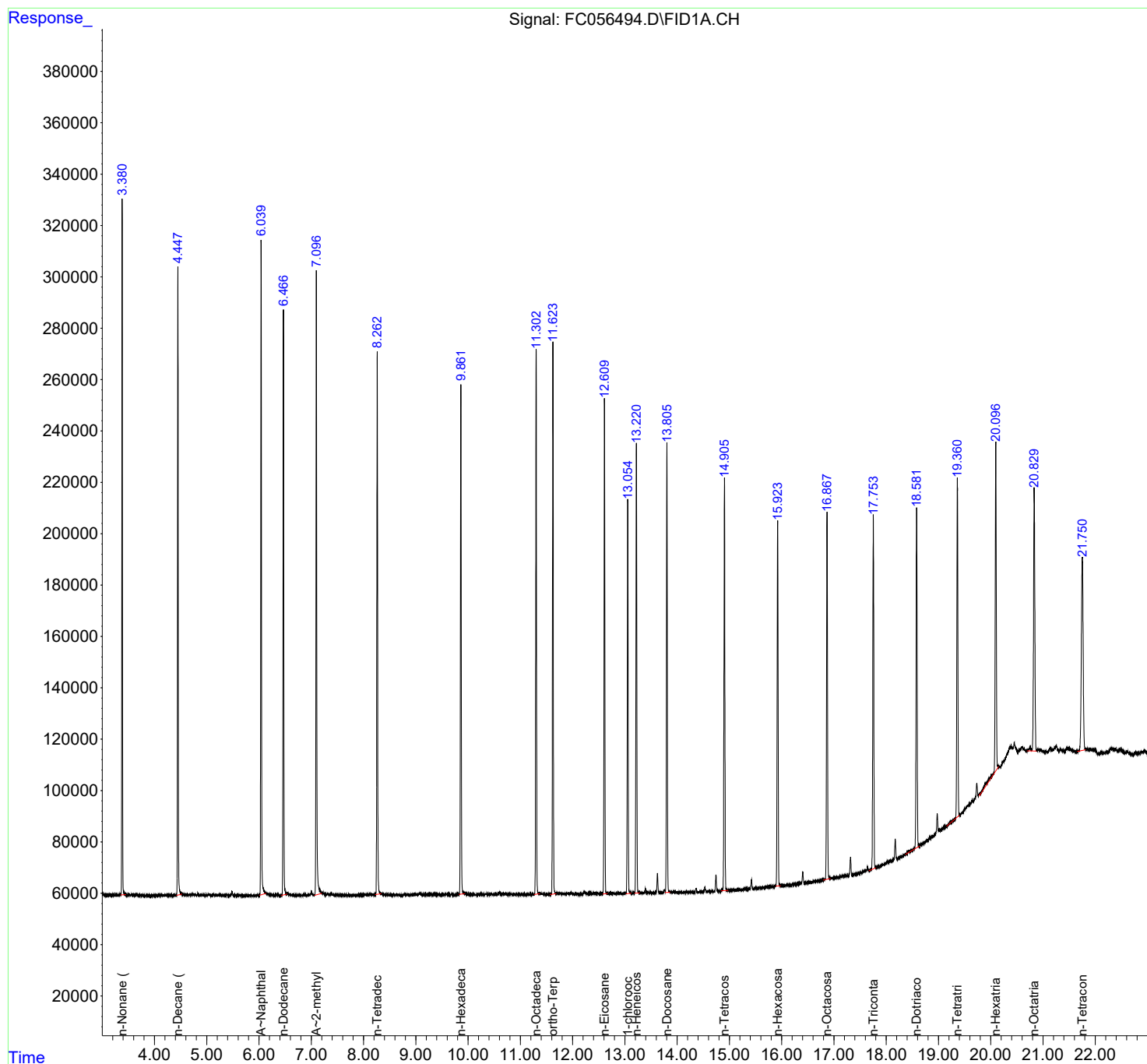
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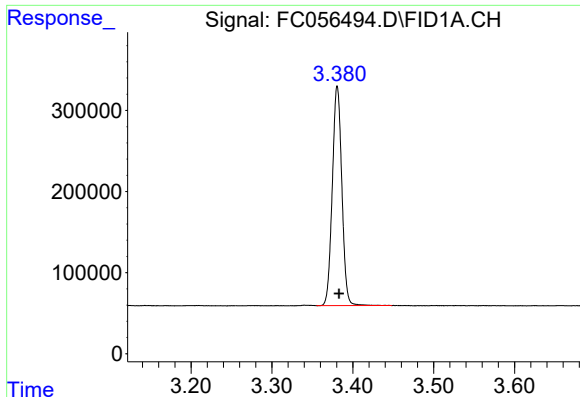
(m)=manual int.

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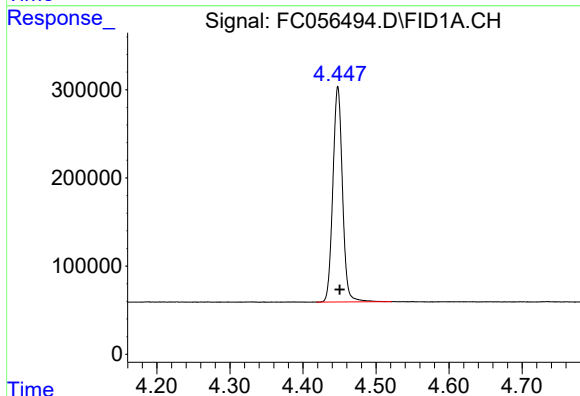
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Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um





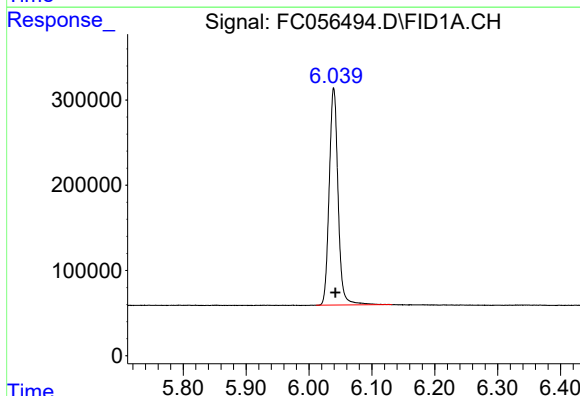
#1 n-Nonane (C9)

R.T.: 3.381 min
Delta R.T.: -0.002 min
Response: 2218805
Conc: 20.50 ug/ml



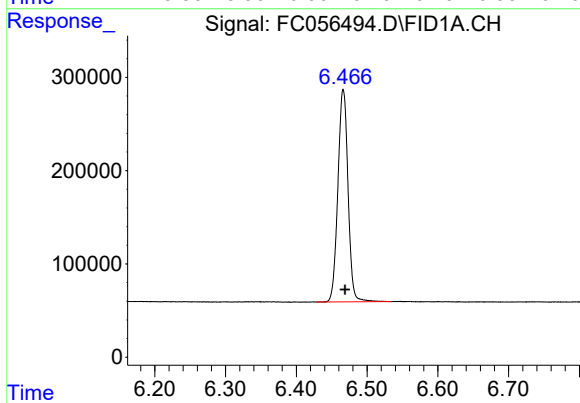
#2 n-Decane (C10)

R.T.: 4.448 min
Delta R.T.: -0.002 min
Response: 2228832
Conc: 20.69 ug/ml



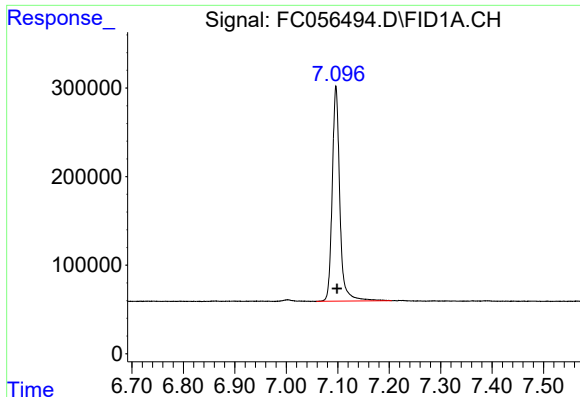
#3 A~Naphthalene (C11.7)

R.T.: 6.039 min
Delta R.T.: -0.003 min
Response: 2496854
Conc: 20.48 ug/ml



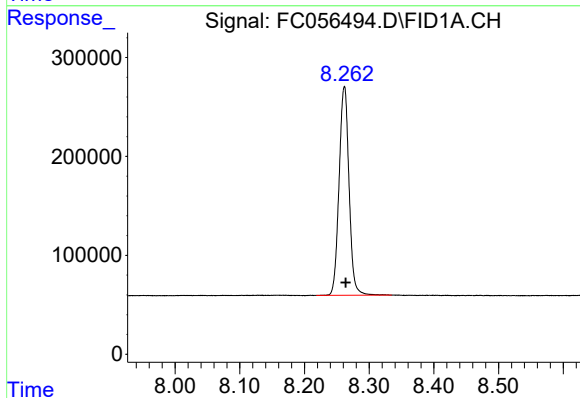
#4 n-Dodecane (C12)

R.T.: 6.466 min
Delta R.T.: -0.002 min
Response: 2263110
Conc: 20.53 ug/ml



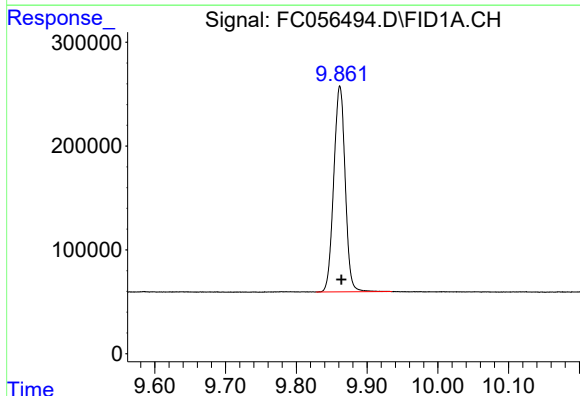
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.097 min
Delta R.T.: -0.002 min
Response: 2491230
Conc: 20.34 ug/ml



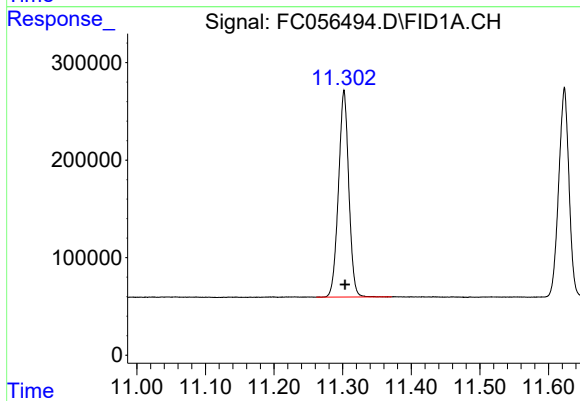
#6 n-Tetradecane (C14)

R.T.: 8.262 min
Delta R.T.: -0.002 min
Response: 2258337
Conc: 20.12 ug/ml



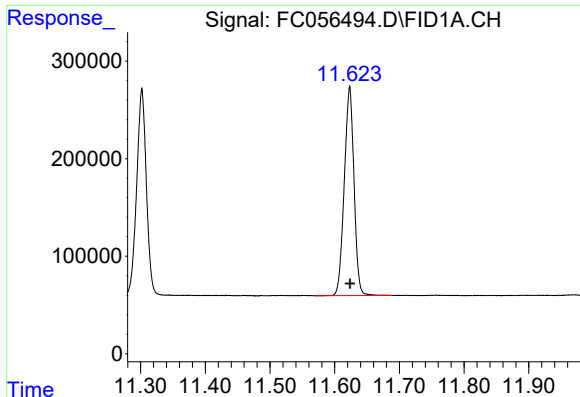
#7 n-Hexadecane (C16)

R.T.: 9.862 min
Delta R.T.: -0.002 min
Response: 2223605
Conc: 19.56 ug/ml



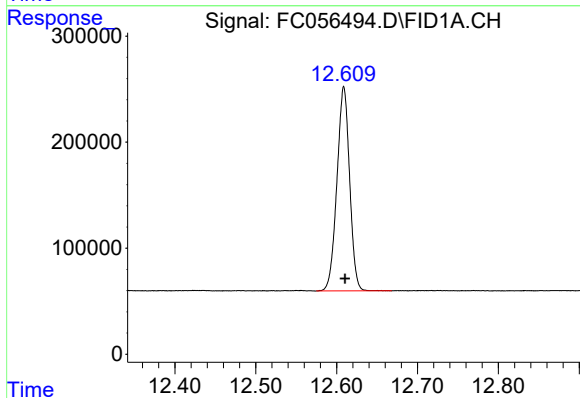
#8 n-Octadecane (C18)

R.T.: 11.302 min
Delta R.T.: -0.002 min
Response: 2209655
Conc: 18.91 ug/ml



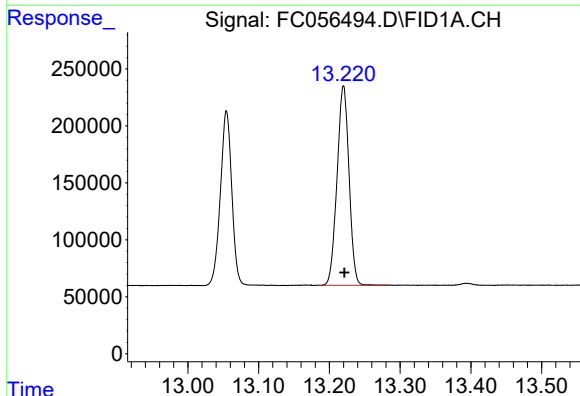
#9 ortho-Terphenyl (SURR)

R.T.: 11.623 min
Delta R.T.: -0.001 min
Response: 2237321
Conc: 18.07 ug/ml



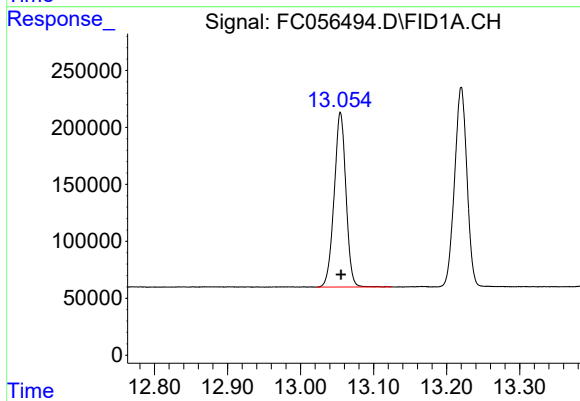
#10 n-Eicosane (C20)

R.T.: 12.609 min
Delta R.T.: -0.002 min
Response: 2098384
Conc: 18.26 ug/ml



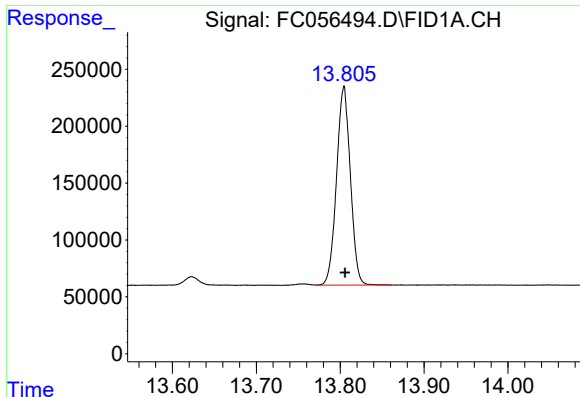
#11 n-Heneicosane (C21)

R.T.: 13.220 min
Delta R.T.: -0.001 min
Response: 2062254
Conc: 17.94 ug/ml



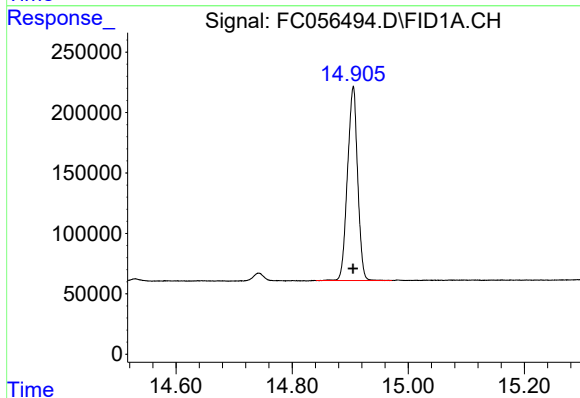
#12 1-chlorooctadecane (SURR)

R.T.: 13.055 min
Delta R.T.: 0.000 min
Response: 1718644
Conc: 17.86 ug/ml



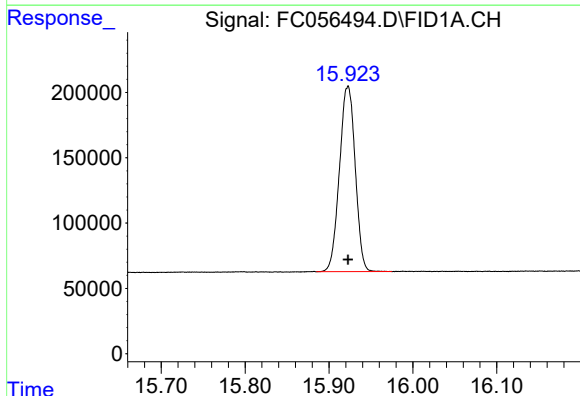
#13 n-Docosane (C22)

R.T.: 13.804 min
Delta R.T.: -0.001 min
Response: 2005777
Conc: 17.82 ug/ml



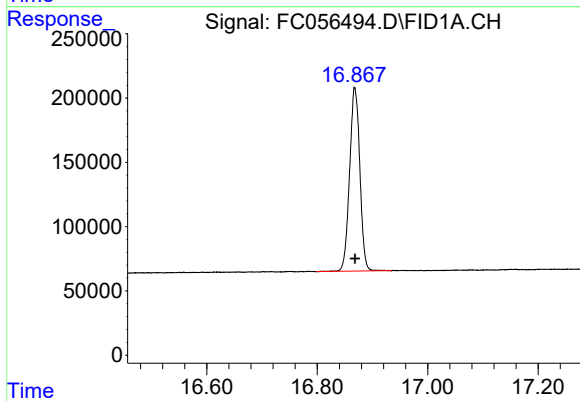
#14 n-Tetracosane (C24)

R.T.: 14.905 min
Delta R.T.: 0.000 min
Response: 1947244
Conc: 17.67 ug/ml



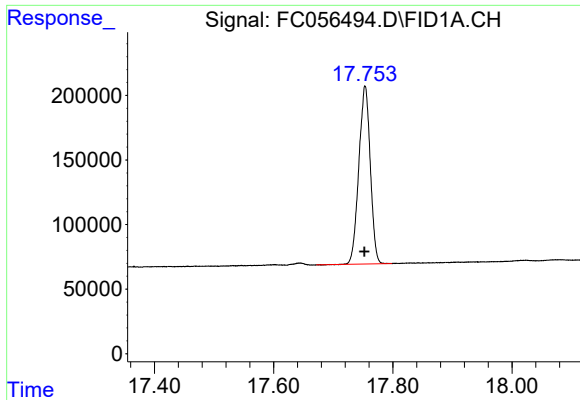
#15 n-Hexacosane (C26)

R.T.: 15.922 min
Delta R.T.: 0.000 min
Response: 1853648
Conc: 17.56 ug/ml



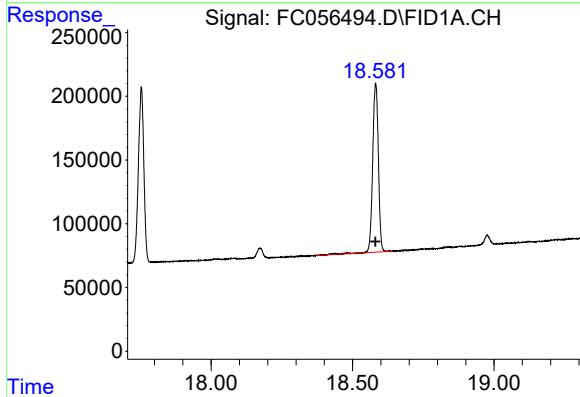
#16 n-Octacosane (C28)

R.T.: 16.868 min
Delta R.T.: 0.000 min
Response: 1834256
Conc: 17.68 ug/ml



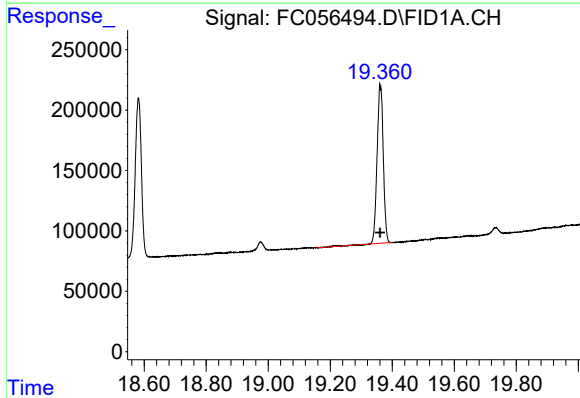
#17 n-Tricontane (C30)

R.T.: 17.754 min
Delta R.T.: 0.001 min
Response: 1836052
Conc: 17.72 ug/ml



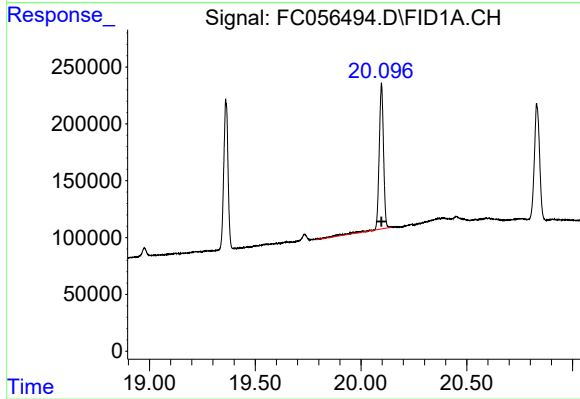
#18 n-Dotriacontane (C32)

R.T.: 18.582 min
Delta R.T.: 0.000 min
Response: 1851471
Conc: 19.32 ug/ml



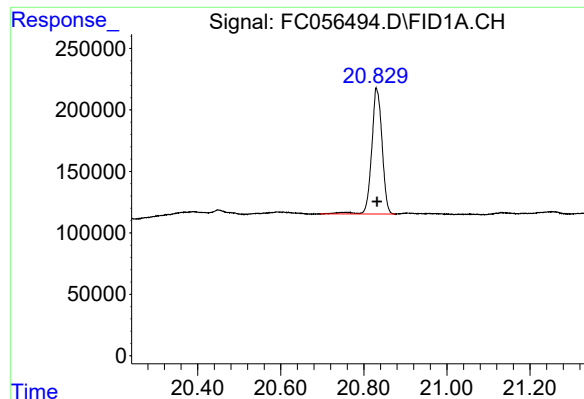
#19 n-Tetratriacontane (C34)

R.T.: 19.362 min
Delta R.T.: 0.001 min
Response: 1817858
Conc: 20.73 ug/ml



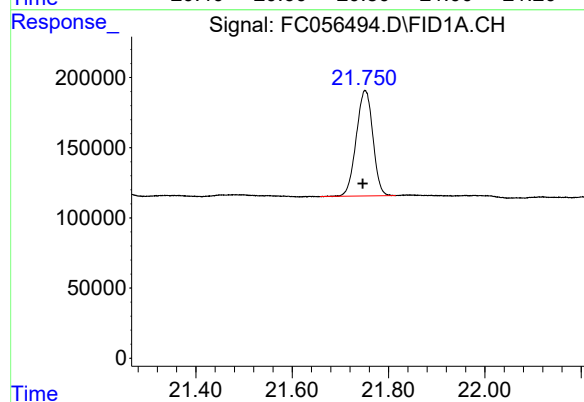
#20 n-Hexatriacontane (C36)

R.T.: 20.097 min
Delta R.T.: 0.000 min
Response: 1874018
Conc: 22.90 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.831 min
Delta R.T.: 0.000 min
Response: 1774477
Conc: 22.19 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.752 min
Delta R.T.: 0.005 min
Response: 1799082
Conc: 21.84 ug/ml