

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC102221AL\
 Data File : FC056319.D
 Signal(s) : FID1A.CH
 Acq On : 22 Oct 2021 9:47
 Operator : AJ\MA
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Oct 22 11:41:32 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	2513212	20.298 ug/ml
Spiked Amount 50.000		Recovery =	40.60%
12) S 1-chlorooctadecane (S...	13.054	1943817	20.201 ug/ml
Spiked Amount 50.000		Recovery =	40.40%
Target Compounds			
1) T n-Nonane (C9)	3.383	2234297	20.643 ug/ml
2) T n-Decane (C10)	4.450	2240238	20.797 ug/ml
3) T A~Naphthalene (C11.7)	6.040	2548404	20.902 ug/ml
4) T n-Dodecane (C12)	6.468	2290218	20.775 ug/ml
5) T A~2-methylnaphthalene...	7.097	2563896	20.936 ug/ml
6) T n-Tetradecane (C14)	8.263	2322670	20.689 ug/ml
7) T n-Hexadecane (C16)	9.862	2336854	20.555 ug/ml
8) T n-Octadecane (C18)	11.303	2395009	20.495 ug/ml
10) T n-Eicosane (C20)	12.609	2329494	20.269 ug/ml
11) T n-Heneicosane (C21)	13.220	2322558	20.210 ug/ml
13) T n-Docosane (C22)	13.804	2266675	20.133 ug/ml
14) T n-Tetracosane (C24)	14.904	2214121	20.091 ug/ml
15) T n-Hexacosane (C26)	15.921	2096005	19.859 ug/ml
16) T n-Octacosane (C28)	16.869	2000356	19.285 ug/ml
17) T n-Tricontane (C30)	17.753	1889579	18.238 ug/ml
18) T n-Dotriacontane (C32)	18.581	1778618	18.564 ug/ml
19) T n-Tetratriacontane (C34)	19.361	1727948	19.701 ug/ml
20) T n-Hexatriacontane (C36)	20.095	1659682	20.277 ug/ml
21) T n-Octatriacontane (C38)	20.831	1652822	20.666 ug/ml
22) T n-Tetracontane (C40)	21.746	1697016	20.597 ug/ml

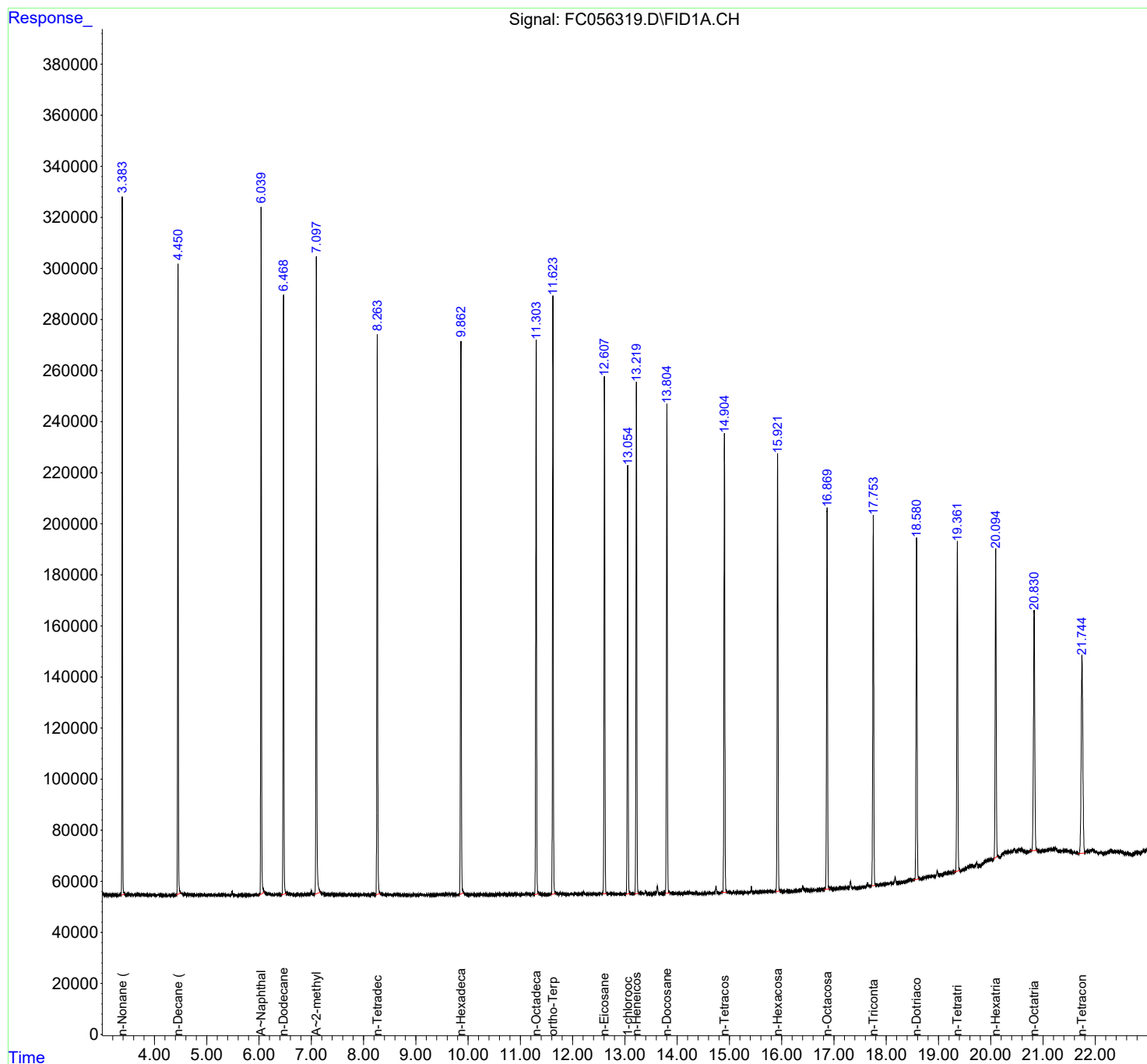
(f)=RT Delta > 1/2 Window

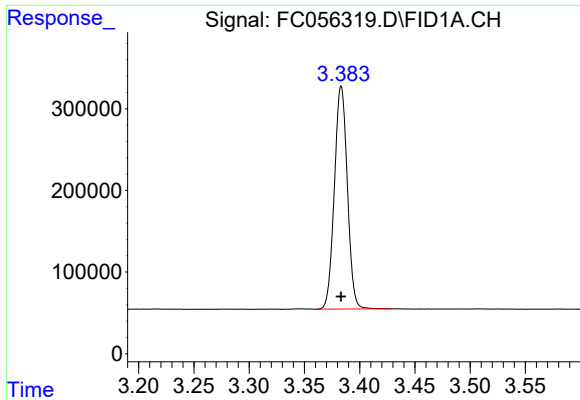
(m)=manual int.

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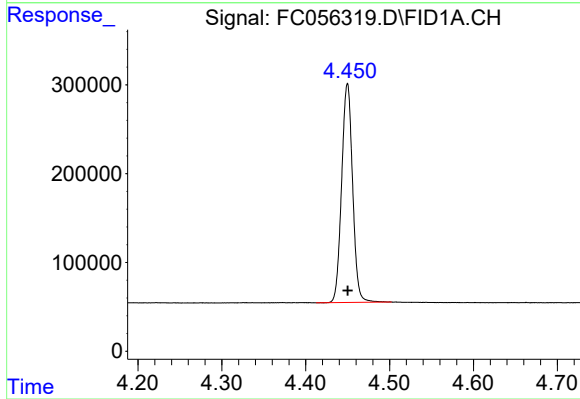
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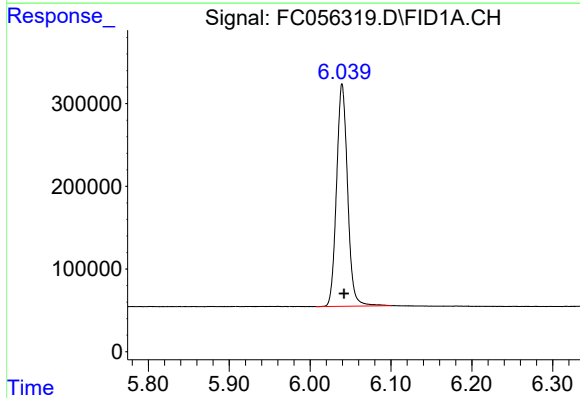
#1 n-Nonane (C9)

R.T.: 3.383 min
Delta R.T.: 0.000 min
Response: 2234297
Conc: 20.64 ug/ml



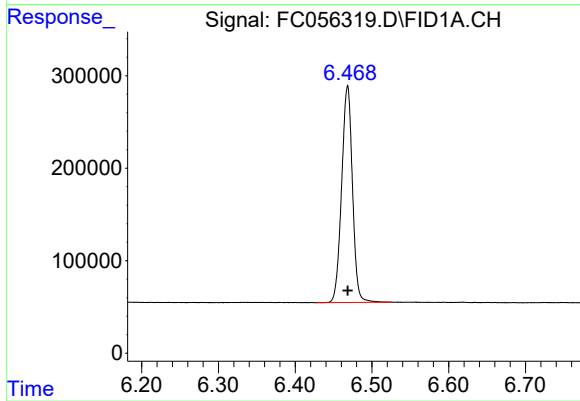
#2 n-Decane (C10)

R.T.: 4.450 min
Delta R.T.: 0.000 min
Response: 2240238
Conc: 20.80 ug/ml



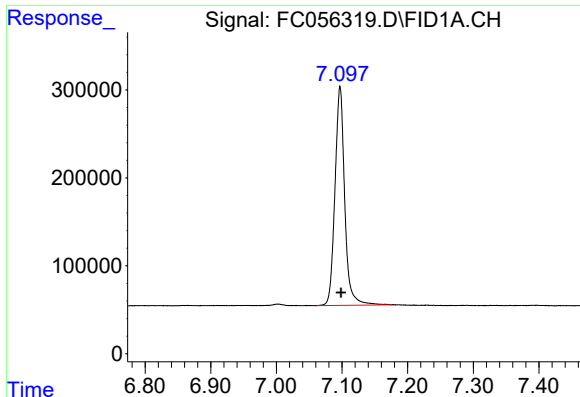
#3 A~Naphthalene (C11.7)

R.T.: 6.040 min
Delta R.T.: -0.002 min
Response: 2548404
Conc: 20.90 ug/ml



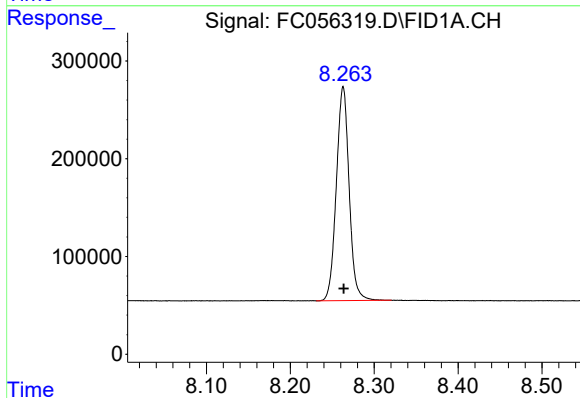
#4 n-Dodecane (C12)

R.T.: 6.468 min
Delta R.T.: 0.000 min
Response: 2290218
Conc: 20.78 ug/ml



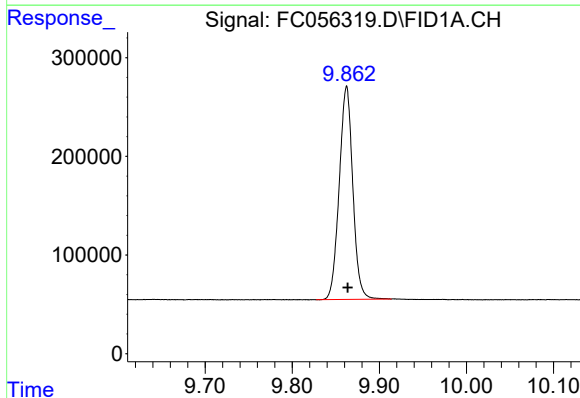
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.097 min
Delta R.T.: -0.002 min
Response: 2563896
Conc: 20.94 ug/ml



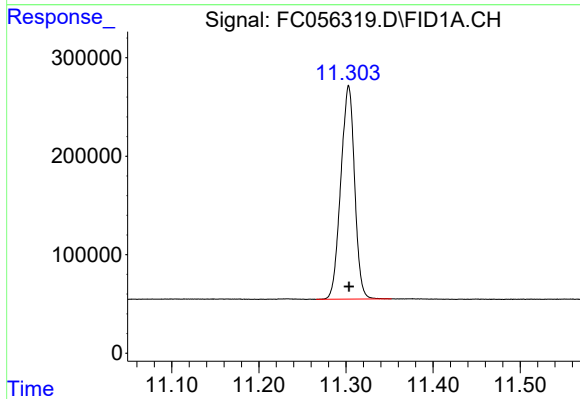
#6 n-Tetradecane (C14)

R.T.: 8.263 min
Delta R.T.: 0.000 min
Response: 2322670
Conc: 20.69 ug/ml



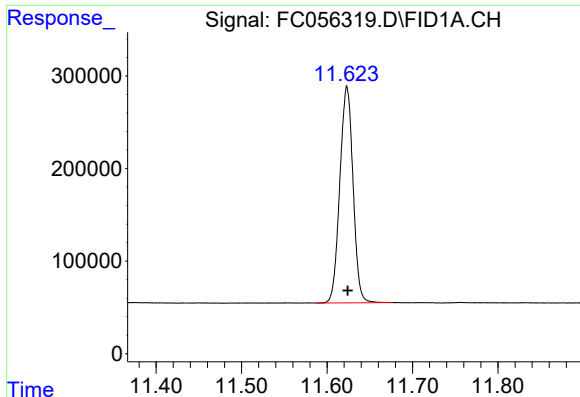
#7 n-Hexadecane (C16)

R.T.: 9.862 min
Delta R.T.: -0.001 min
Response: 2336854
Conc: 20.55 ug/ml



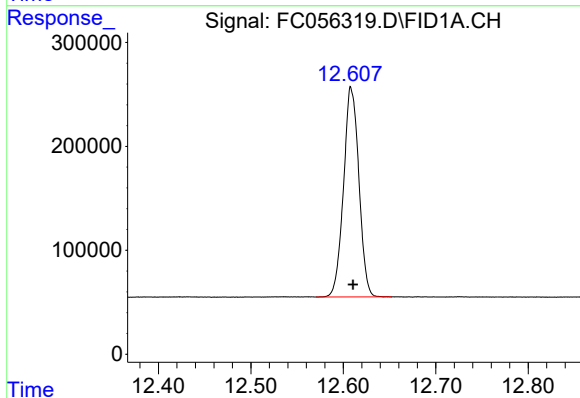
#8 n-Octadecane (C18)

R.T.: 11.303 min
Delta R.T.: 0.000 min
Response: 2395009
Conc: 20.50 ug/ml



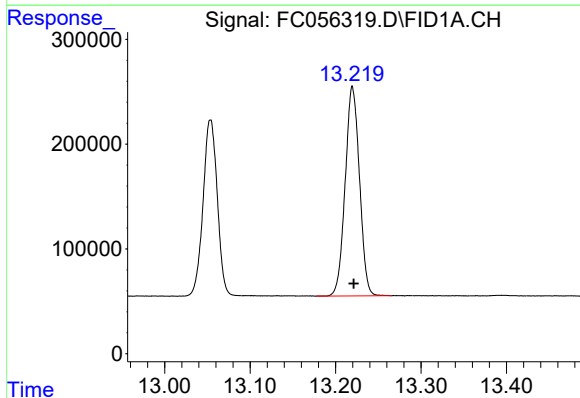
#9 ortho-Terphenyl (SURR)

R.T.: 11.623 min
Delta R.T.: 0.000 min
Response: 2513212
Conc: 20.30 ug/ml



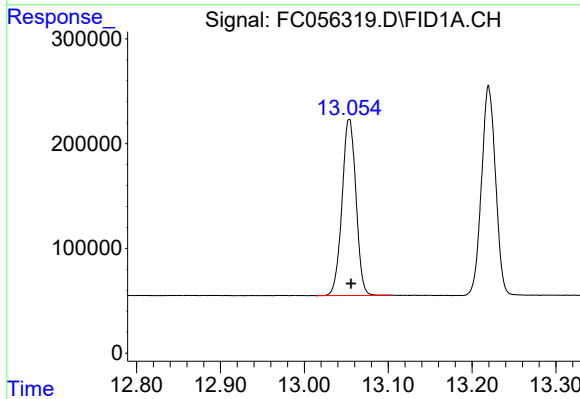
#10 n-Eicosane (C20)

R.T.: 12.609 min
Delta R.T.: -0.001 min
Response: 2329494
Conc: 20.27 ug/ml



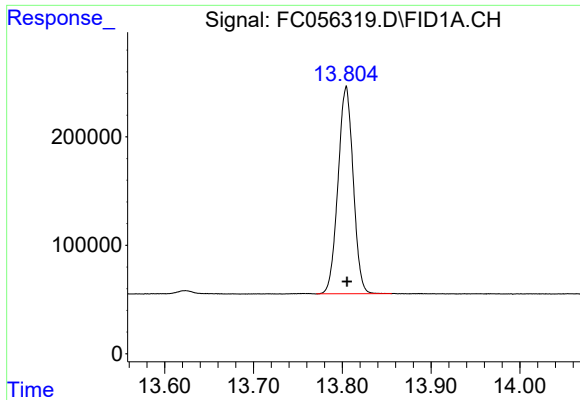
#11 n-Heneicosane (C21)

R.T.: 13.220 min
Delta R.T.: -0.001 min
Response: 2322558
Conc: 20.21 ug/ml



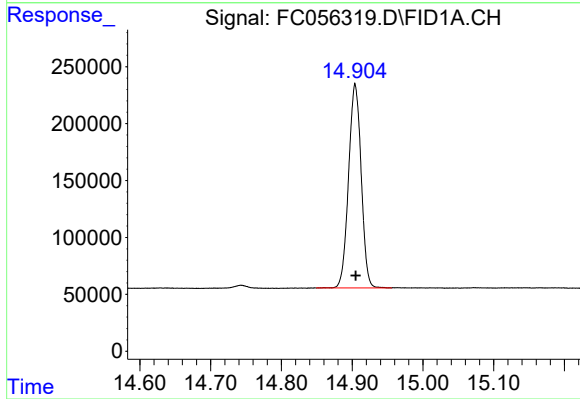
#12 1-chlorooctadecane (SURR)

R.T.: 13.054 min
Delta R.T.: -0.002 min
Response: 1943817
Conc: 20.20 ug/ml



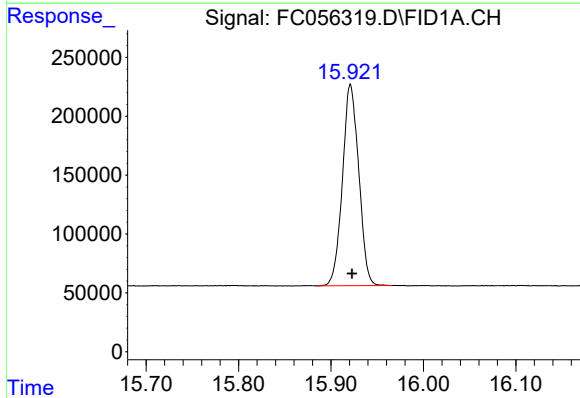
#13 n-Docosane (C22)

R.T.: 13.804 min
Delta R.T.: -0.001 min
Response: 2266675
Conc: 20.13 ug/ml



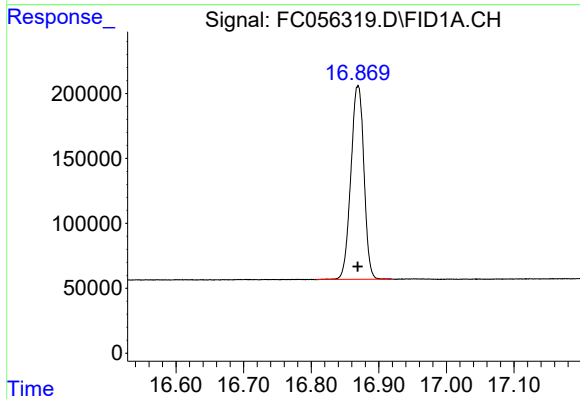
#14 n-Tetracosane (C24)

R.T.: 14.904 min
Delta R.T.: 0.000 min
Response: 2214121
Conc: 20.09 ug/ml



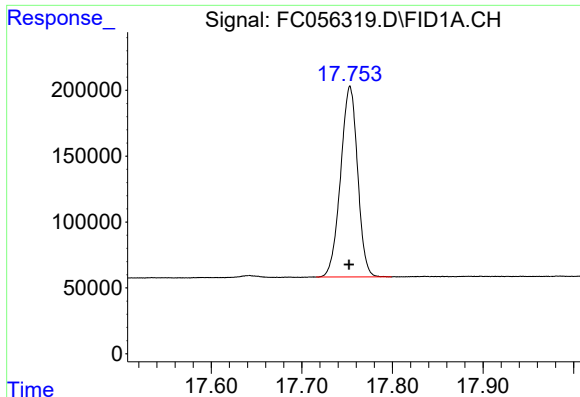
#15 n-Hexacosane (C26)

R.T.: 15.921 min
Delta R.T.: -0.001 min
Response: 2096005
Conc: 19.86 ug/ml



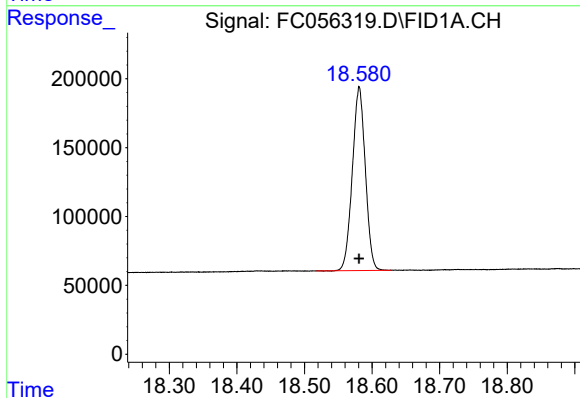
#16 n-Octacosane (C28)

R.T.: 16.869 min
Delta R.T.: 0.000 min
Response: 2000356
Conc: 19.28 ug/ml



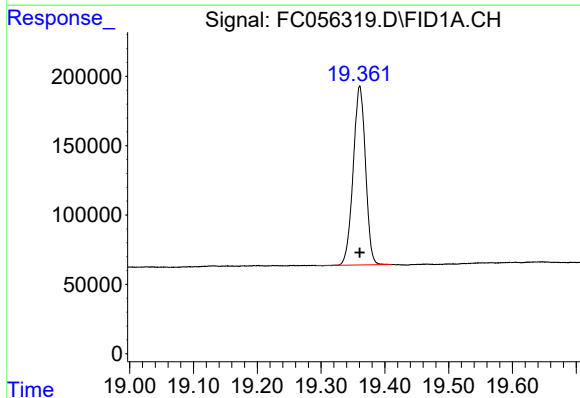
#17 n-Tricontane (C30)

R.T.: 17.753 min
Delta R.T.: 0.000 min
Response: 1889579
Conc: 18.24 ug/ml



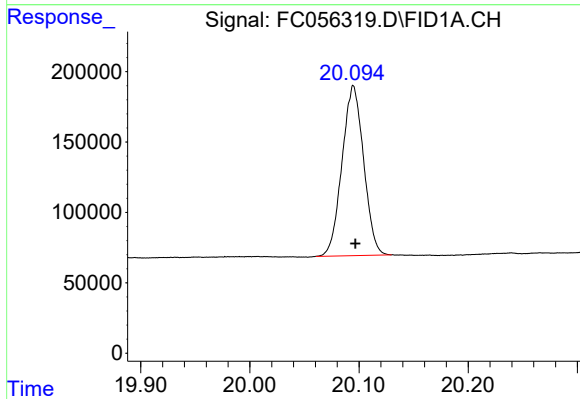
#18 n-Dotriacontane (C32)

R.T.: 18.581 min
Delta R.T.: 0.000 min
Response: 1778618
Conc: 18.56 ug/ml



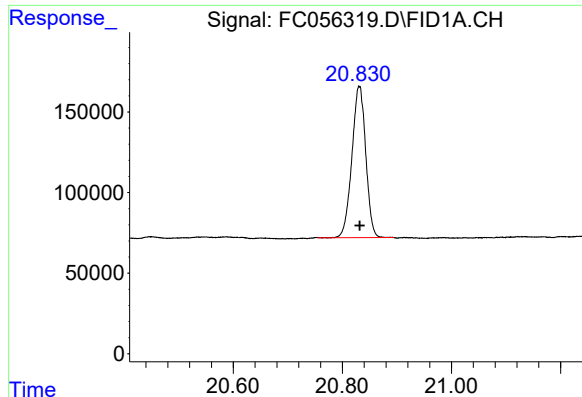
#19 n-Tetratriacontane (C34)

R.T.: 19.361 min
Delta R.T.: 0.000 min
Response: 1727948
Conc: 19.70 ug/ml



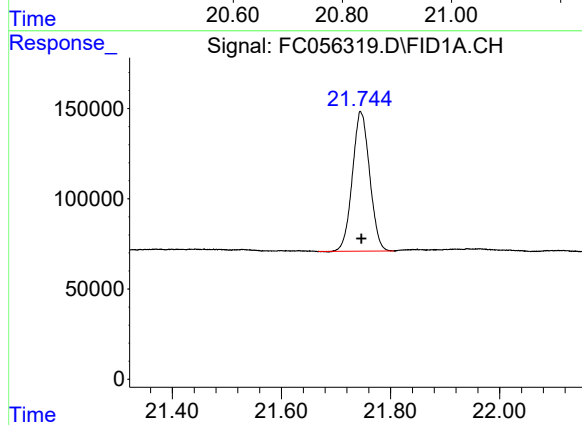
#20 n-Hexatriacontane (C36)

R.T.: 20.095 min
Delta R.T.: -0.002 min
Response: 1659682
Conc: 20.28 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.831 min
Delta R.T.: -0.001 min
Response: 1652822
Conc: 20.67 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.746 min
Delta R.T.: -0.001 min
Response: 1697016
Conc: 20.60 ug/ml