

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC090919AL\
 Data File : FC043396.D
 Signal(s) : FID1A.CH
 Acq On : 09 Sep 2019 17:50
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Sep 10 06:47:16 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 082719.M
 Quant Title : GC Extractables
 QLast Update : Wed Aug 28 04:05:56 2019
 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)	11.605	2948854	20.596 ug/ml
Spiked Amount 50.000		Recovery =	41.19%
12) S 1-chlorooctadecane (S...	13.027	2227438	20.388 ug/ml
Spiked Amount 50.000		Recovery =	40.78%
Target Compounds			
1) T n-Nonane (C9)	3.445	2677673	22.482 ug/ml
2) T n-Decane (C10)	4.499	2780592	23.384 ug/ml
3) T A~Naphthalene (C11.7)	6.077	2855256	23.407 ug/ml
4) T n-Dodecane (C12)	6.493	2854469	23.332 ug/ml
5) T A~2-methylnaphthalene...	7.123	2876678	23.435 ug/ml
6) T n-Tetradecane (C14)	8.269	2830300	22.896 ug/ml
7) T n-Hexadecane (C16)	9.855	2809302	22.533 ug/ml
8) T n-Octadecane (C18)	11.285	2766339	21.748 ug/ml
10) T n-Eicosane (C20)	12.584	2691271	20.963 ug/ml
11) T n-Heneicosane (C21)	13.192	2664699	20.576 ug/ml
13) T n-Docosane (C22)	13.774	2614582	20.353 ug/ml
14) T n-Tetracosane (C24)	14.869	2532237	19.765 ug/ml
15) T n-Hexacosane (C26)	15.884	2476248	19.661 ug/ml
16) T n-Octacosane (C28)	16.828	2453600	19.983 ug/ml
17) T n-Tricontane (C30)	17.711	2488332	20.632 ug/ml
18) T n-Dotriacontane (C32)	18.538	2438275	21.376 ug/ml
19) T n-Tetratriacontane (C34)	19.319	2309828	21.468 ug/ml
20) T n-Hexatriacontane (C36)	20.055	2459888	23.364 ug/ml
21) T n-Octatriacontane (C38)	20.784	2203307	23.550 ug/ml
22) T n-Tetracontane (C40)	21.679	2120557	21.948 ug/ml

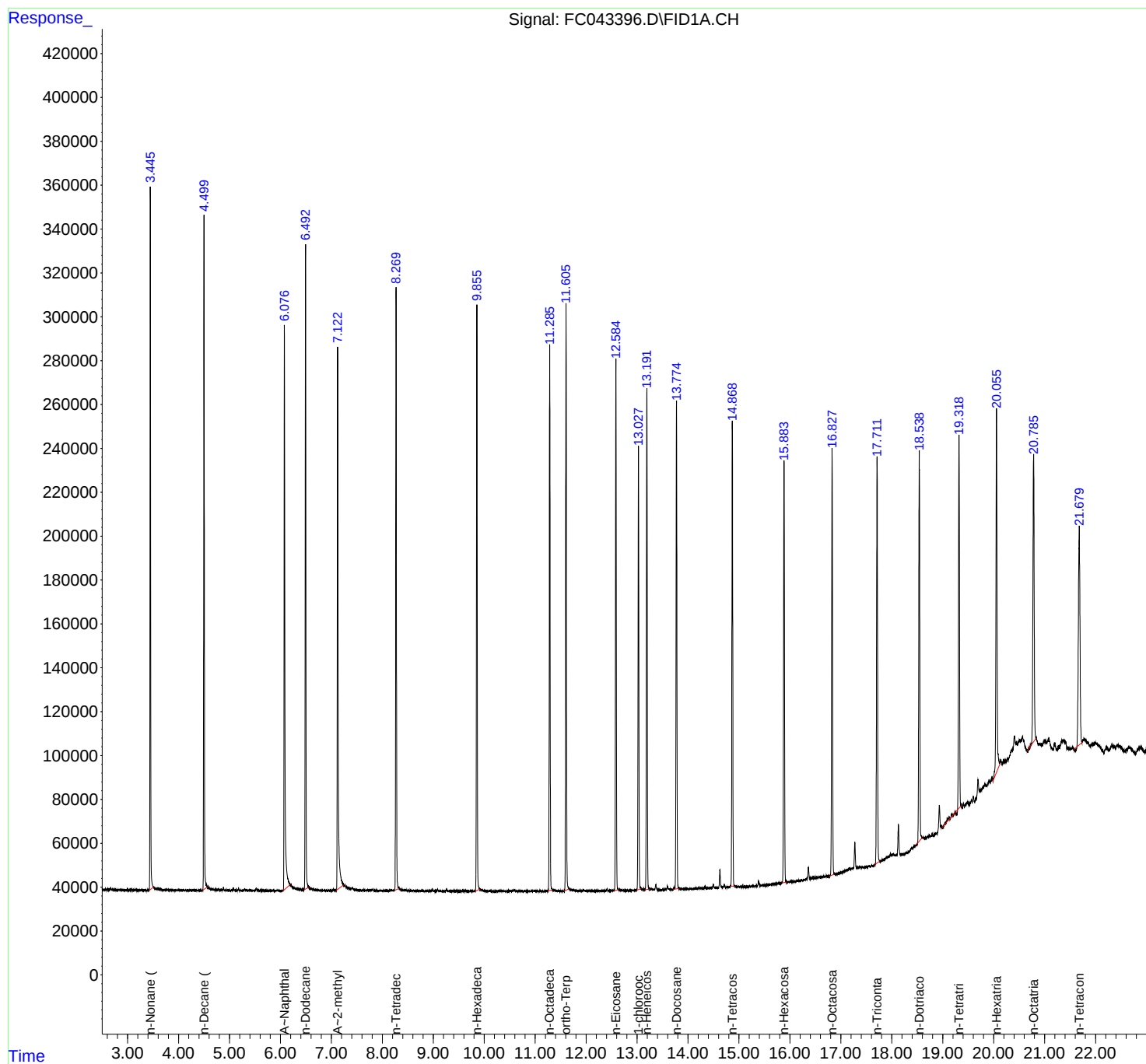
(f)=RT Delta > 1/2 Window

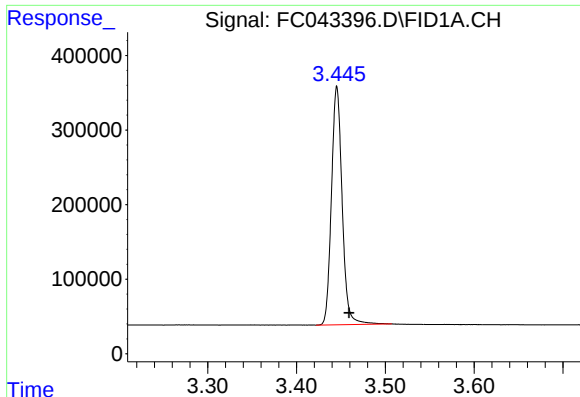
(m)=manual int.

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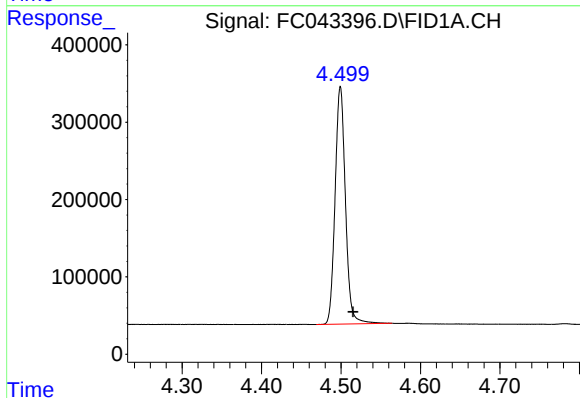
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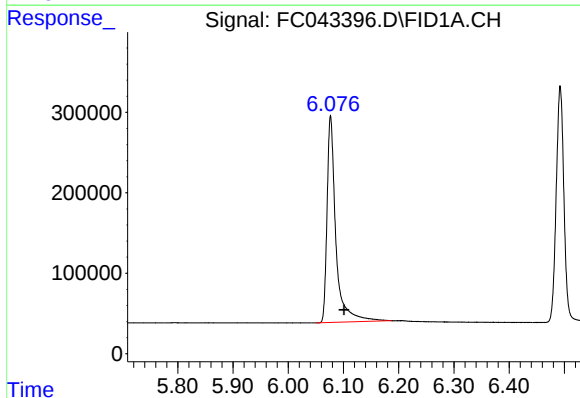
#1 n-Nonane (C9)

R.T.: 3.445 min
Delta R.T.: -0.014 min
Response: 2677673
Conc: 22.48 ug/ml



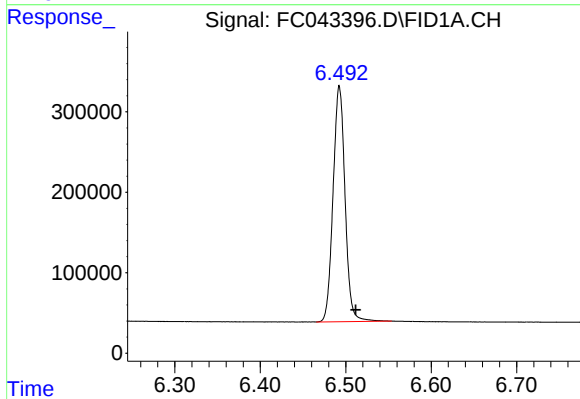
#2 n-Decane (C10)

R.T.: 4.499 min
Delta R.T.: -0.016 min
Response: 2780592
Conc: 23.38 ug/ml



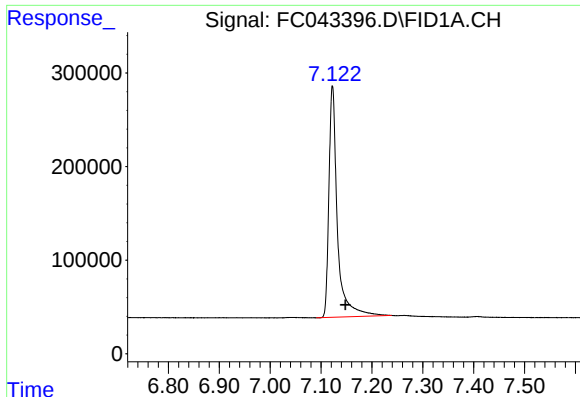
#3 A~Naphthalene (C11.7)

R.T.: 6.077 min
Delta R.T.: -0.024 min
Response: 2855256
Conc: 23.41 ug/ml



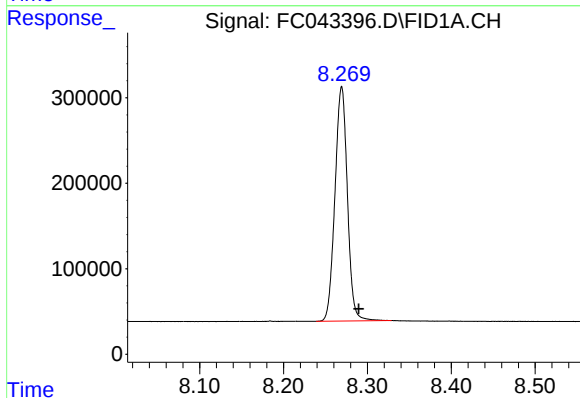
#4 n-Dodecane (C12)

R.T.: 6.493 min
Delta R.T.: -0.019 min
Response: 2854469
Conc: 23.33 ug/ml



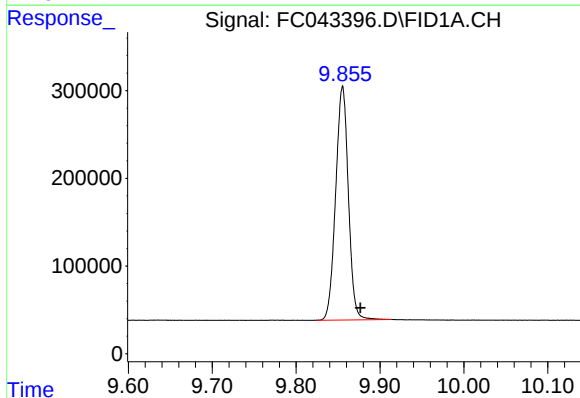
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.123 min
Delta R.T.: -0.026 min
Response: 2876678
Conc: 23.43 ug/ml



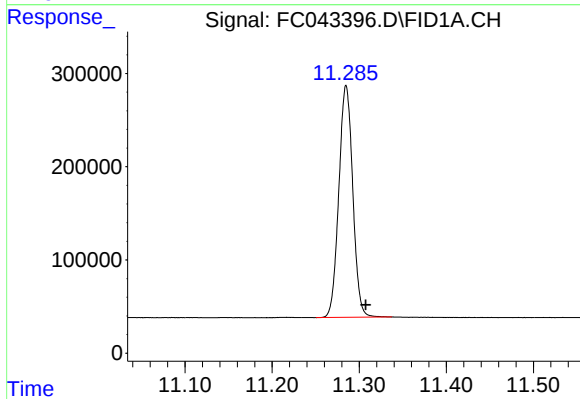
#6 n-Tetradecane (C14)

R.T.: 8.269 min
Delta R.T.: -0.020 min
Response: 2830300
Conc: 22.90 ug/ml



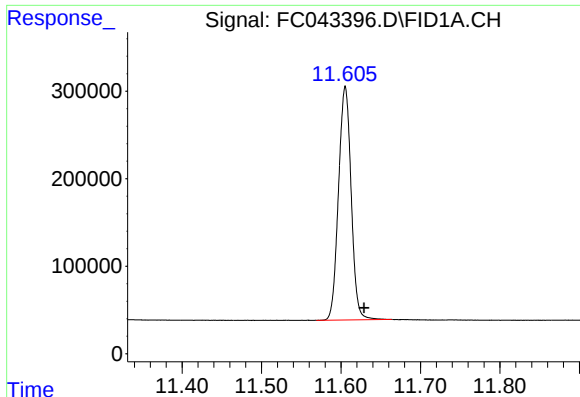
#7 n-Hexadecane (C16)

R.T.: 9.855 min
Delta R.T.: -0.021 min
Response: 2809302
Conc: 22.53 ug/ml



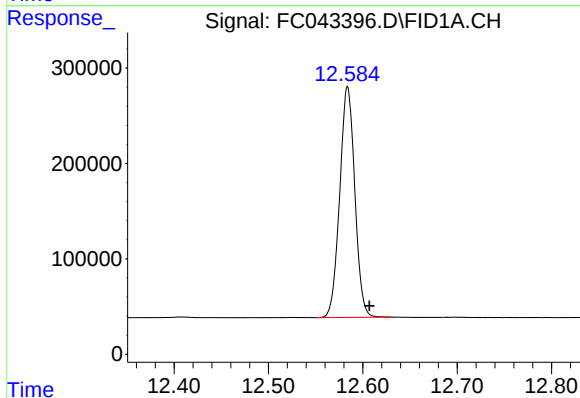
#8 n-Octadecane (C18)

R.T.: 11.285 min
Delta R.T.: -0.023 min
Response: 2766339
Conc: 21.75 ug/ml



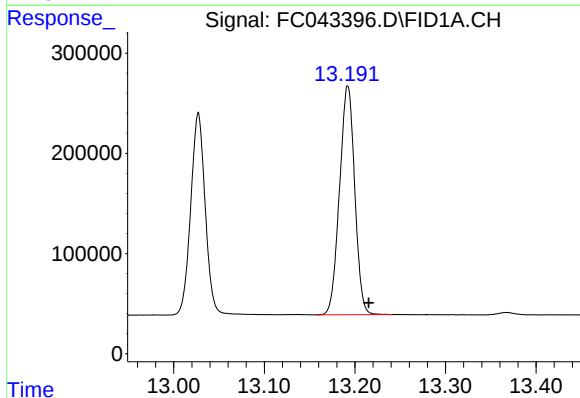
#9 ortho-Terphenyl (SURR)

R.T.: 11.605 min
Delta R.T.: -0.024 min
Response: 2948854
Conc: 20.60 ug/ml



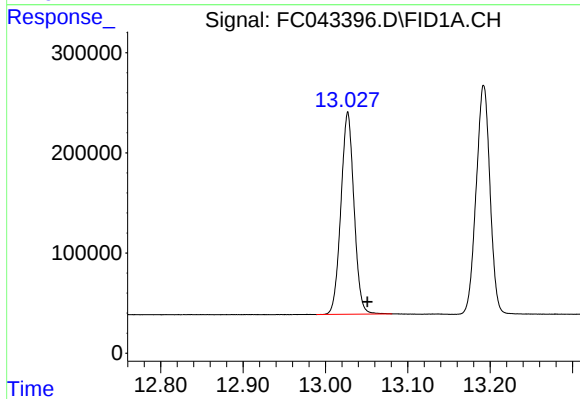
#10 n-Eicosane (C20)

R.T.: 12.584 min
Delta R.T.: -0.023 min
Response: 2691271
Conc: 20.96 ug/ml



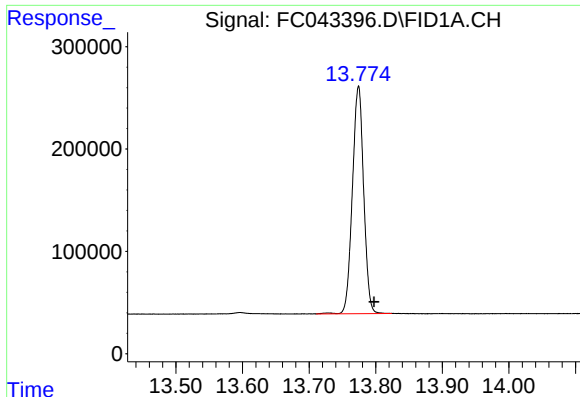
#11 n-Heneicosane (C21)

R.T.: 13.192 min
Delta R.T.: -0.023 min
Response: 2664699
Conc: 20.58 ug/ml



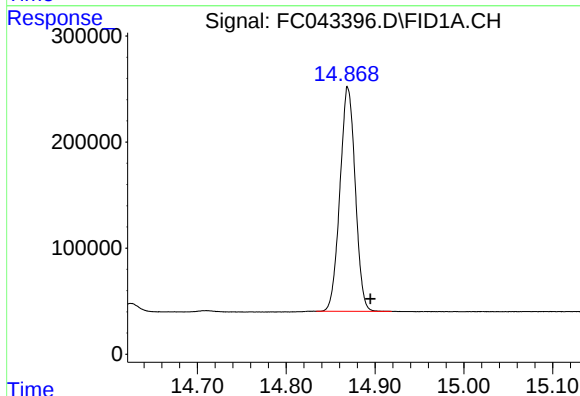
#12 1-chlorooctadecane (SURR)

R.T.: 13.027 min
Delta R.T.: -0.024 min
Response: 2227438
Conc: 20.39 ug/ml



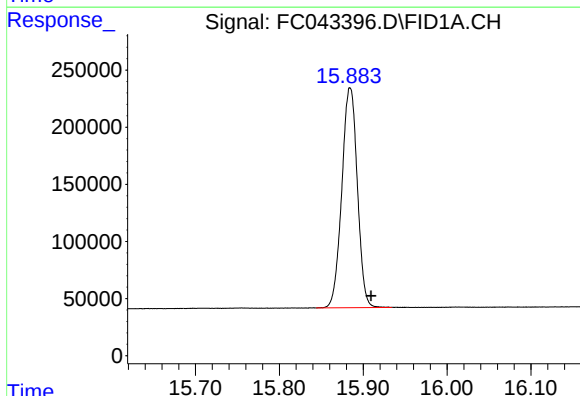
#13 n-Docosane (C22)

R.T.: 13.774 min
Delta R.T.: -0.023 min
Response: 2614582
Conc: 20.35 ug/ml



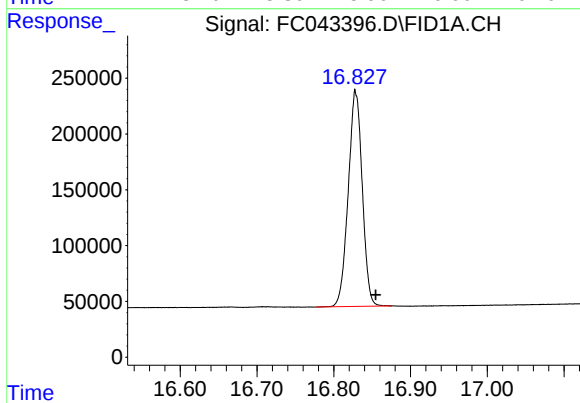
#14 n-Tetracosane (C24)

R.T.: 14.869 min
Delta R.T.: -0.025 min
Response: 2532237
Conc: 19.77 ug/ml



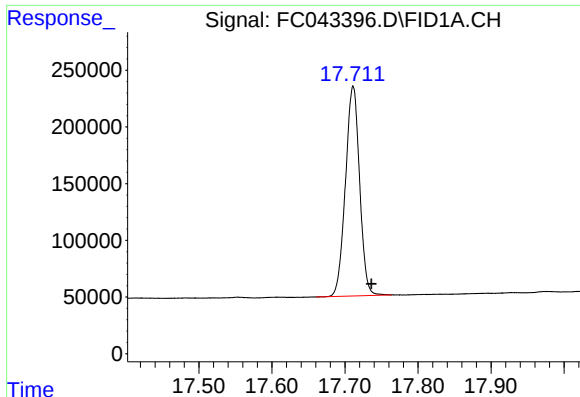
#15 n-Hexacosane (C26)

R.T.: 15.884 min
Delta R.T.: -0.025 min
Response: 2476248
Conc: 19.66 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.828 min
Delta R.T.: -0.026 min
Response: 2453600
Conc: 19.98 ug/ml



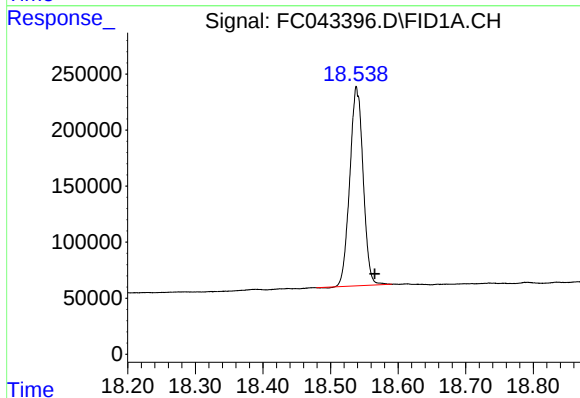
#17 n-Tricontane (C30)

R.T.: 17.711 min

Delta R.T.: -0.025 min

Response: 2488332

Conc: 20.63 ug/ml



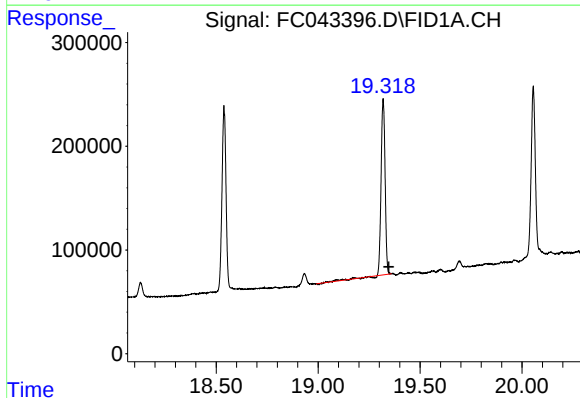
#18 n-Dotriacontane (C32)

R.T.: 18.538 min

Delta R.T.: -0.027 min

Response: 2438275

Conc: 21.38 ug/ml



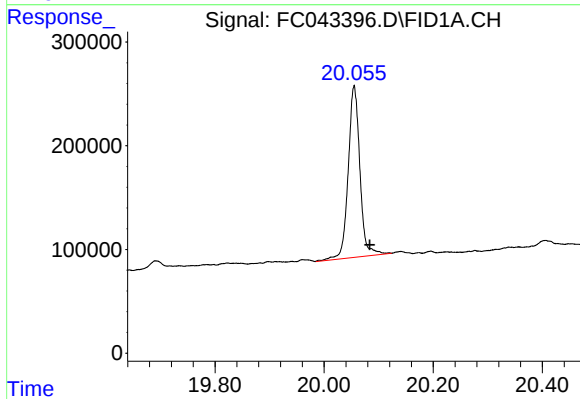
#19 n-Tetratriacontane (C34)

R.T.: 19.319 min

Delta R.T.: -0.028 min

Response: 2309828

Conc: 21.47 ug/ml



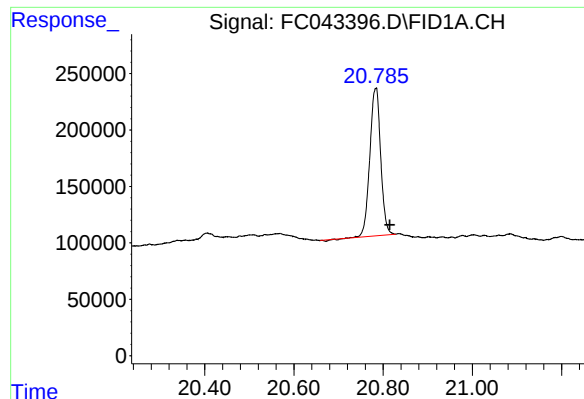
#20 n-Hexatriacontane (C36)

R.T.: 20.055 min

Delta R.T.: -0.029 min

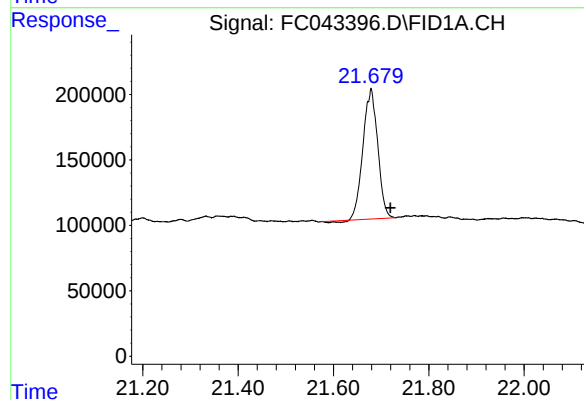
Response: 2459888

Conc: 23.36 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.784 min
Delta R.T.: -0.031 min
Response: 2203307
Conc: 23.55 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.679 min
Delta R.T.: -0.040 min
Response: 2120557
Conc: 21.95 ug/ml