

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC100719AL\
 Data File : FC043832.D
 Signal(s) : FID1A.CH
 Acq On : 08 Oct 2019 13:51
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Oct 08 16:04:07 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 092519.M
 Quant Title : GC Extractables
 QLast Update : Thu Sep 26 10:57:53 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)	11.575	2956945	19.482 ug/ml
Spiked Amount 50.000		Recovery =	38.96%
12) S 1-chlorooctadecane (S...	12.996	2256638	19.034 ug/ml
Spiked Amount 50.000		Recovery =	38.07%
Target Compounds			
1) T n-Nonane (C9)	3.427	2624335	21.706 ug/ml
2) T n-Decane (C10)	4.479	2692667	22.246 ug/ml
3) T A~Naphthalene (C11.7)	6.059	2657432	22.571 ug/ml
4) T n-Dodecane (C12)	6.471	2810815	22.223 ug/ml
5) T A~2-methylnaphthalene...	7.103	2651785	22.006 ug/ml
6) T n-Tetradecane (C14)	8.244	2828008	21.970 ug/ml
7) T n-Hexadecane (C16)	9.828	2830809	21.499 ug/ml
8) T n-Octadecane (C18)	11.255	2815538	20.643 ug/ml
10) T n-Eicosane (C20)	12.553	2750821	19.709 ug/ml
11) T n-Heneicosane (C21)	13.159	2722869	19.160 ug/ml
13) T n-Docosane (C22)	13.741	2678233	18.849 ug/ml
14) T n-Tetracosane (C24)	14.835	2562262	17.848 ug/ml
15) T n-Hexacosane (C26)	15.848	2483456	17.367 ug/ml
16) T n-Octacosane (C28)	16.792	2437590	17.196 ug/ml
17) T n-Tricontane (C30)	17.675	2452253	17.485 ug/ml
18) T n-Dotriacontane (C32)	18.502	2391311	18.002 ug/ml
19) T n-Tetratriacontane (C34)	19.282	2293813	18.359 ug/ml
20) T n-Hexatriacontane (C36)	20.017	1501290	12.989 ug/ml
21) T n-Octatriacontane (C38)	20.740	2090597	19.642 ug/ml
22) T n-Tetracontane (C40)	21.622	2140467	20.472 ug/ml

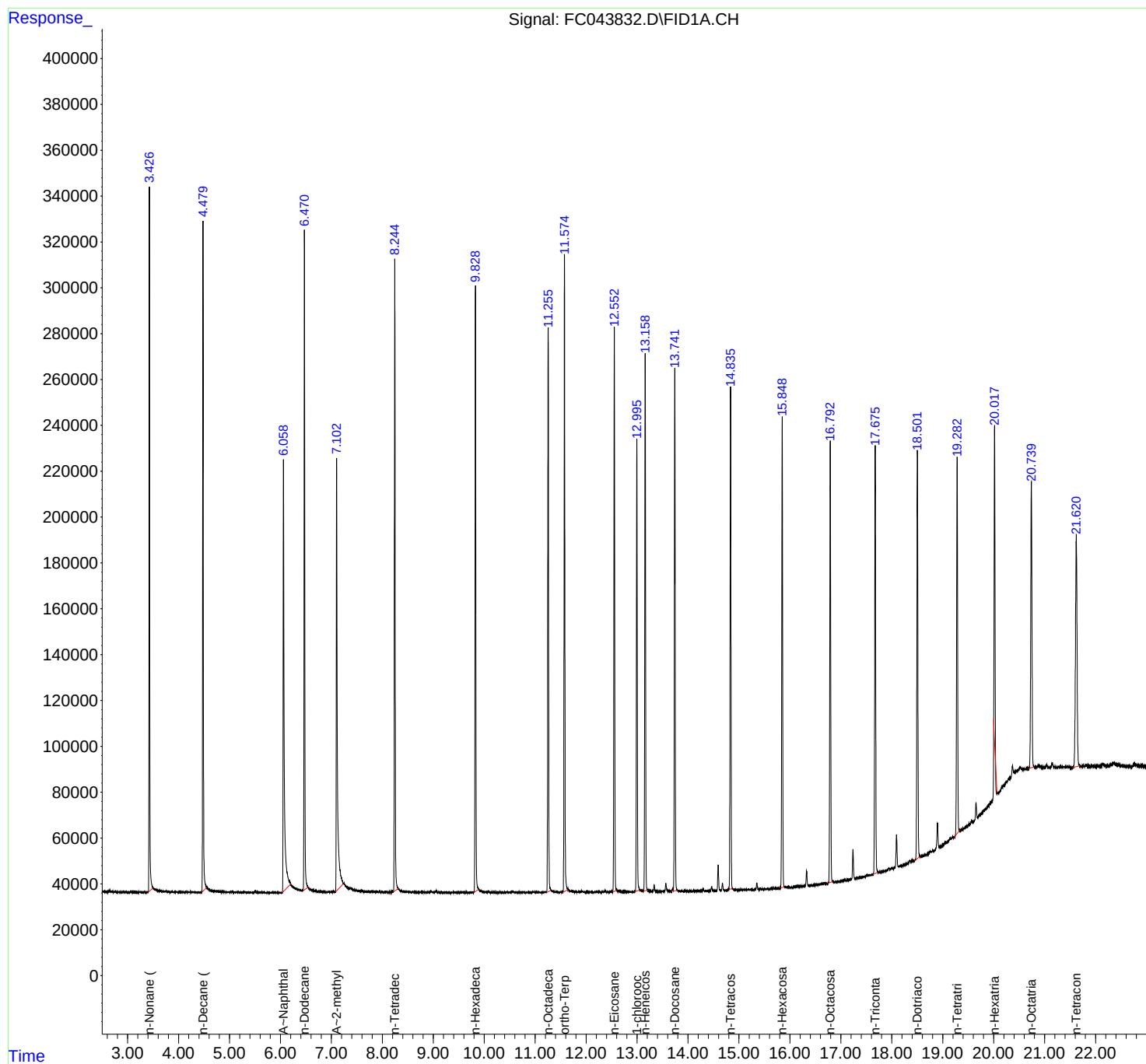
(f)=RT Delta > 1/2 Window

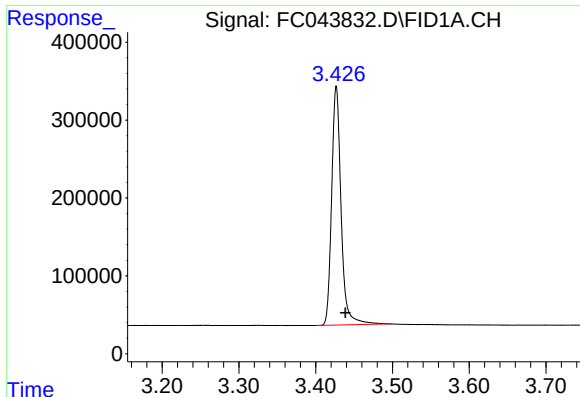
(m)=manual int.

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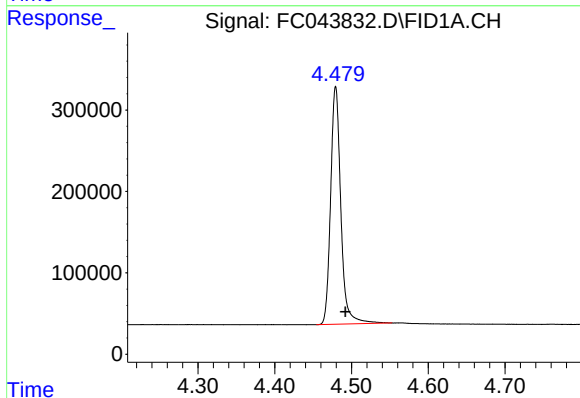
Volume Inj. : 1 ul
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Signal Info : 20M x 0.18mm x 0.18um





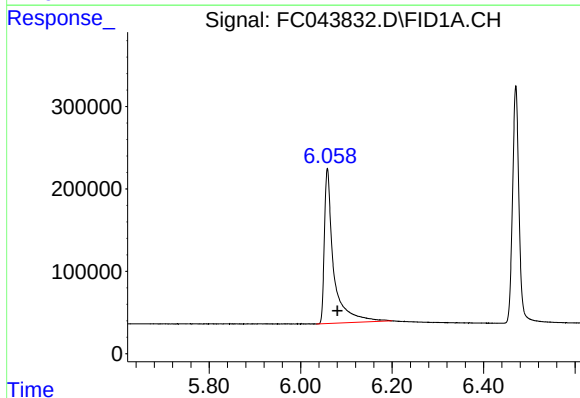
#1 n-Nonane (C9)

R.T.: 3.427 min
Delta R.T.: -0.012 min
Response: 2624335
Conc: 21.71 ug/ml



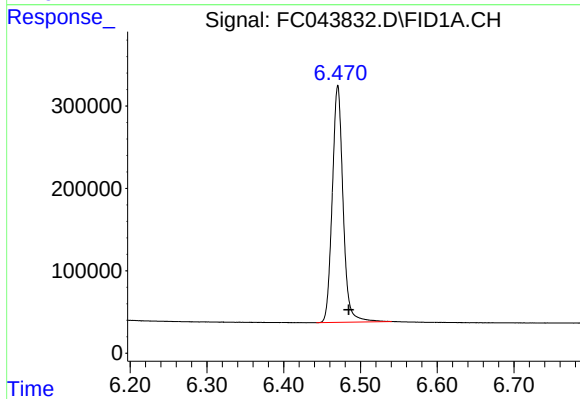
#2 n-Decane (C10)

R.T.: 4.479 min
Delta R.T.: -0.012 min
Response: 2692667
Conc: 22.25 ug/ml



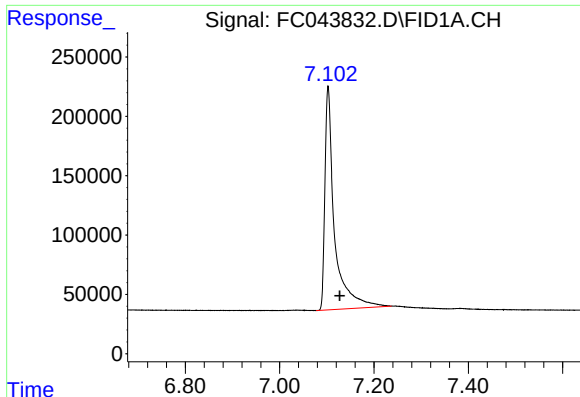
#3 A~Naphthalene (C11.7)

R.T.: 6.059 min
Delta R.T.: -0.022 min
Response: 2657432
Conc: 22.57 ug/ml



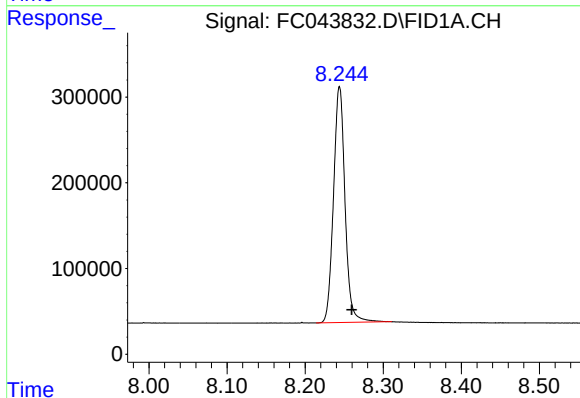
#4 n-Dodecane (C12)

R.T.: 6.471 min
Delta R.T.: -0.014 min
Response: 2810815
Conc: 22.22 ug/ml



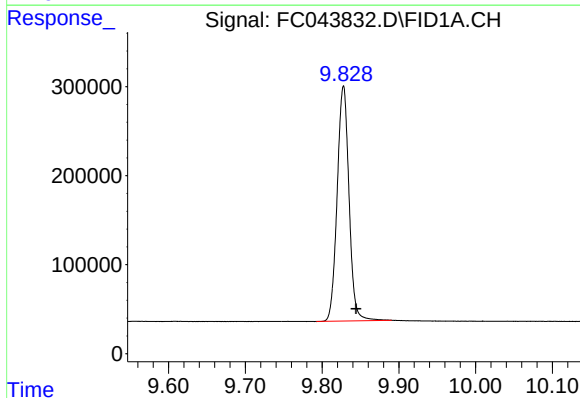
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.103 min
Delta R.T.: -0.024 min
Response: 2651785
Conc: 22.01 ug/ml



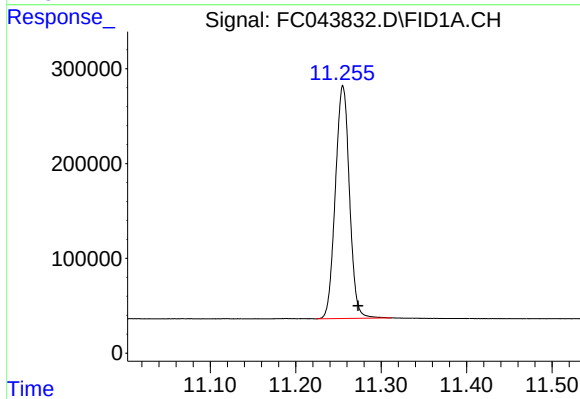
#6 n-Tetradecane (C14)

R.T.: 8.244 min
Delta R.T.: -0.015 min
Response: 2828008
Conc: 21.97 ug/ml



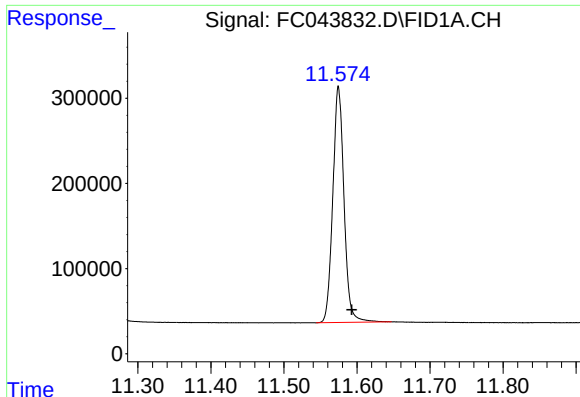
#7 n-Hexadecane (C16)

R.T.: 9.828 min
Delta R.T.: -0.016 min
Response: 2830809
Conc: 21.50 ug/ml



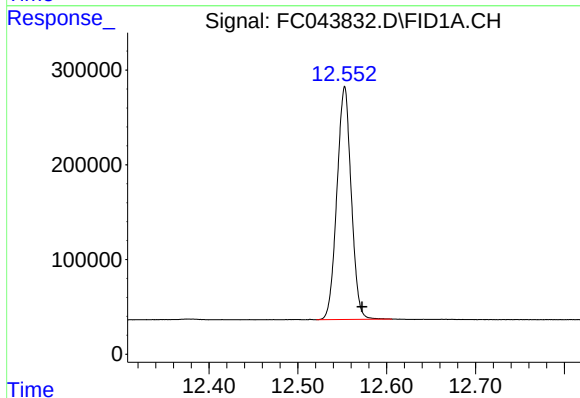
#8 n-Octadecane (C18)

R.T.: 11.255 min
Delta R.T.: -0.018 min
Response: 2815538
Conc: 20.64 ug/ml



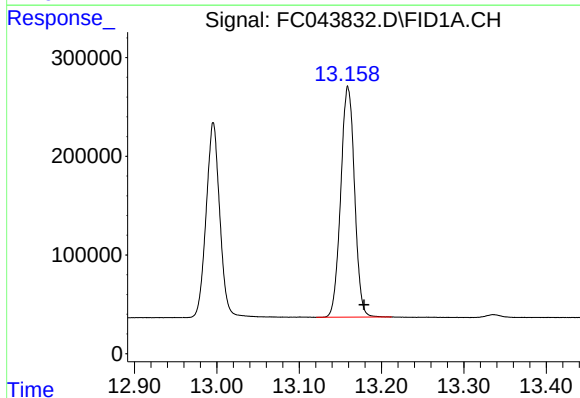
#9 ortho-Terphenyl (SURR)

R.T.: 11.575 min
Delta R.T.: -0.018 min
Response: 2956945
Conc: 19.48 ug/ml



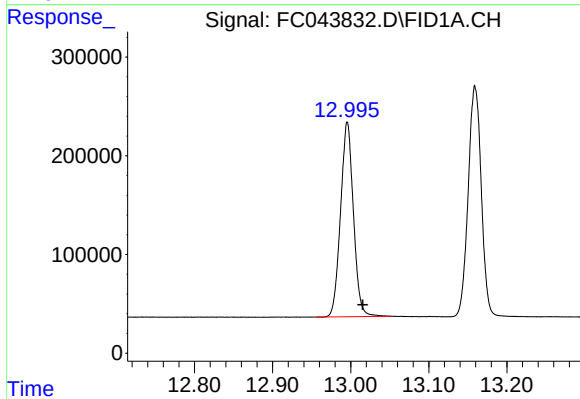
#10 n-Eicosane (C20)

R.T.: 12.553 min
Delta R.T.: -0.020 min
Response: 2750821
Conc: 19.71 ug/ml



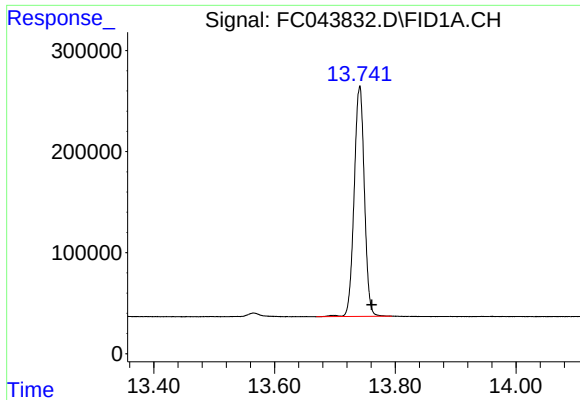
#11 n-Heneicosane (C21)

R.T.: 13.159 min
Delta R.T.: -0.019 min
Response: 2722869
Conc: 19.16 ug/ml



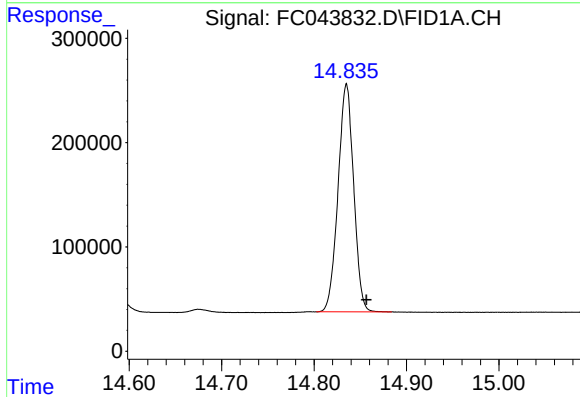
#12 1-chlorooctadecane (SURR)

R.T.: 12.996 min
Delta R.T.: -0.020 min
Response: 2256638
Conc: 19.03 ug/ml



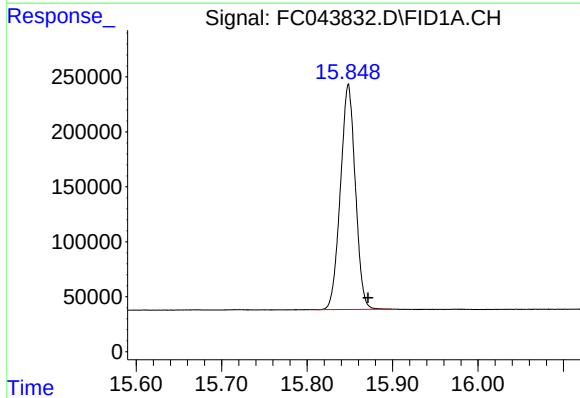
#13 n-Docosane (C22)

R.T.: 13.741 min
Delta R.T.: -0.020 min
Response: 2678233
Conc: 18.85 ug/ml



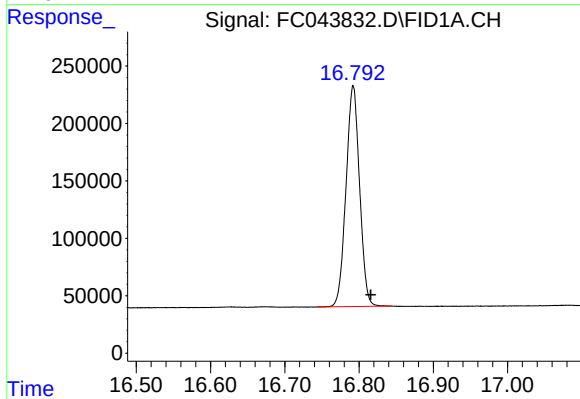
#14 n-Tetracosane (C24)

R.T.: 14.835 min
Delta R.T.: -0.021 min
Response: 2562262
Conc: 17.85 ug/ml



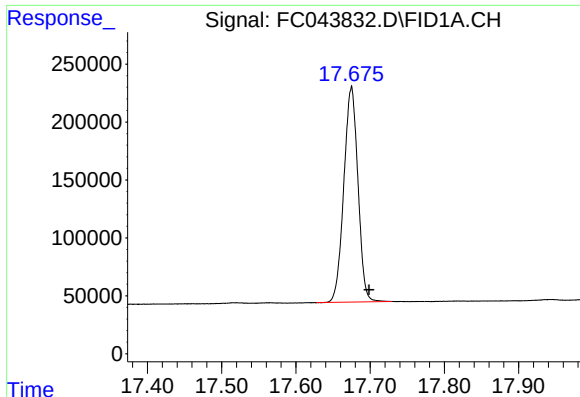
#15 n-Hexacosane (C26)

R.T.: 15.848 min
Delta R.T.: -0.023 min
Response: 2483456
Conc: 17.37 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.792 min
Delta R.T.: -0.023 min
Response: 2437590
Conc: 17.20 ug/ml



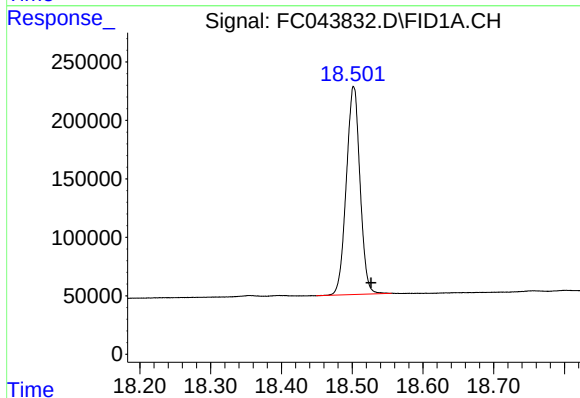
#17 n-Tricontane (C30)

R.T.: 17.675 min

Delta R.T.: -0.024 min

Response: 2452253

Conc: 17.49 ug/ml



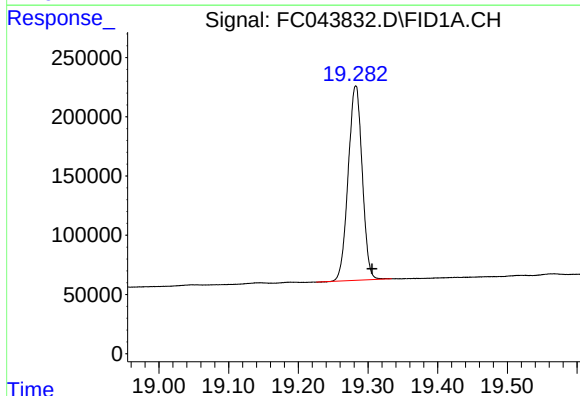
#18 n-Dotriacontane (C32)

R.T.: 18.502 min

Delta R.T.: -0.025 min

Response: 2391311

Conc: 18.00 ug/ml



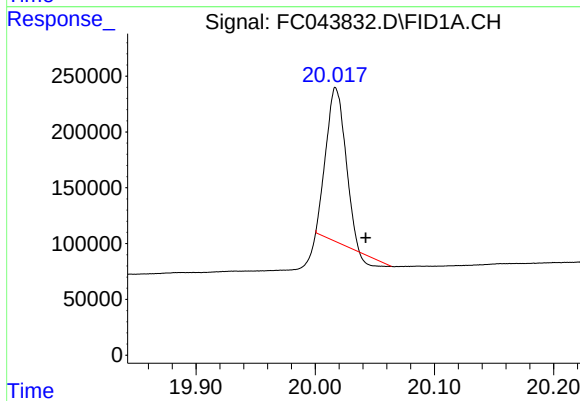
#19 n-Tetratriacontane (C34)

R.T.: 19.282 min

Delta R.T.: -0.023 min

Response: 2293813

Conc: 18.36 ug/ml



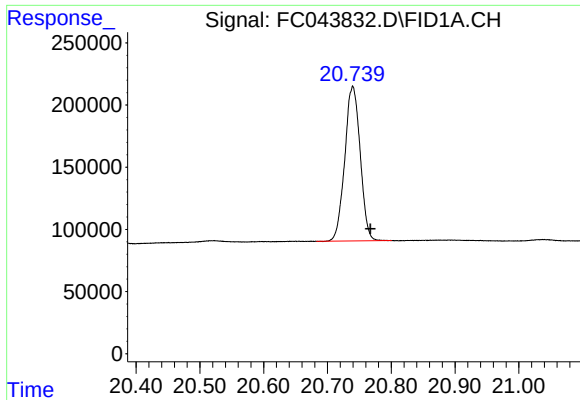
#20 n-Hexatriacontane (C36)

R.T.: 20.017 min

Delta R.T.: -0.025 min

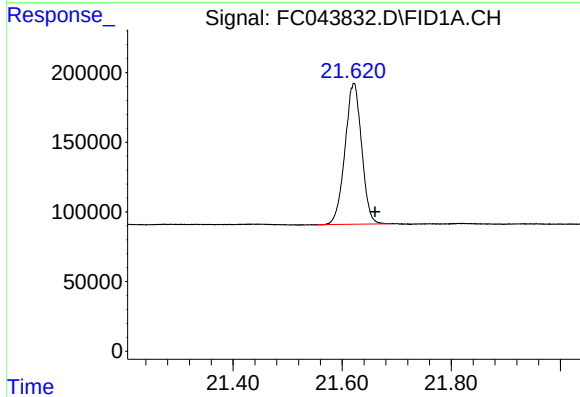
Response: 1501290

Conc: 12.99 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.740 min
Delta R.T.: -0.028 min
Response: 2090597
Conc: 19.64 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.622 min
Delta R.T.: -0.038 min
Response: 2140467
Conc: 20.47 ug/ml