

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC052722AL\
 Data File : FC059964.D
 Signal(s) : FID1A.CH
 Acq On : 28 May 2022 7:19
 Operator : UA/NP
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: May 28 08:07:38 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 052722.M
 Quant Title : GC Extractables
 QLast Update : Sat May 28 06:03:49 2022
 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)	10.653	3359155	21.585 ug/ml
Spiked Amount 50.000		Recovery =	43.17%
12) S 1-chlorooctadecane (S...	12.023	2661439	21.465 ug/ml
Spiked Amount 50.000		Recovery =	42.93%
Target Compounds			
1) T n-Nonane (C9)	2.629	2774734	21.680 ug/ml
2) T n-Decane (C10)	3.628	2799079	21.879 ug/ml
3) T A~Naphthalene (C11.7)	5.164	3179503	21.997 ug/ml
4) T n-Dodecane (C12)	5.581	2914297	21.862 ug/ml
5) T A~2-methylnaphthalene...	6.188	3258032	22.198 ug/ml
6) T n-Tetradecane (C14)	7.333	2990576	21.907 ug/ml
7) T n-Hexadecane (C16)	8.898	3060449	21.812 ug/ml
8) T n-Octadecane (C18)	10.307	3104981	21.697 ug/ml
10) T n-Eicosane (C20)	11.588	3070436	21.521 ug/ml
11) T n-Heneicosane (C21)	12.187	3064760	21.381 ug/ml
13) T n-Docosane (C22)	12.760	3038618	21.324 ug/ml
14) T n-Tetracosane (C24)	13.838	2963579	21.119 ug/ml
15) T n-Hexacosane (C26)	14.836	2834182	20.929 ug/ml
16) T n-Octacosane (C28)	15.765	2706309	20.780 ug/ml
17) T n-Tricontane (C30)	16.633	2542304	20.766 ug/ml
18) T n-Dotriacontane (C32)	17.445	2341661	21.002 ug/ml
19) T n-Tetratriacontane (C34)	18.212	2154960	21.128 ug/ml
20) T n-Hexatriacontane (C36)	18.934	2020968	21.341 ug/ml
21) T n-Octatriacontane (C38)	19.618	1974300	21.399 ug/ml
22) T n-Tetracontane (C40)	20.267	2036054	21.640 ug/ml

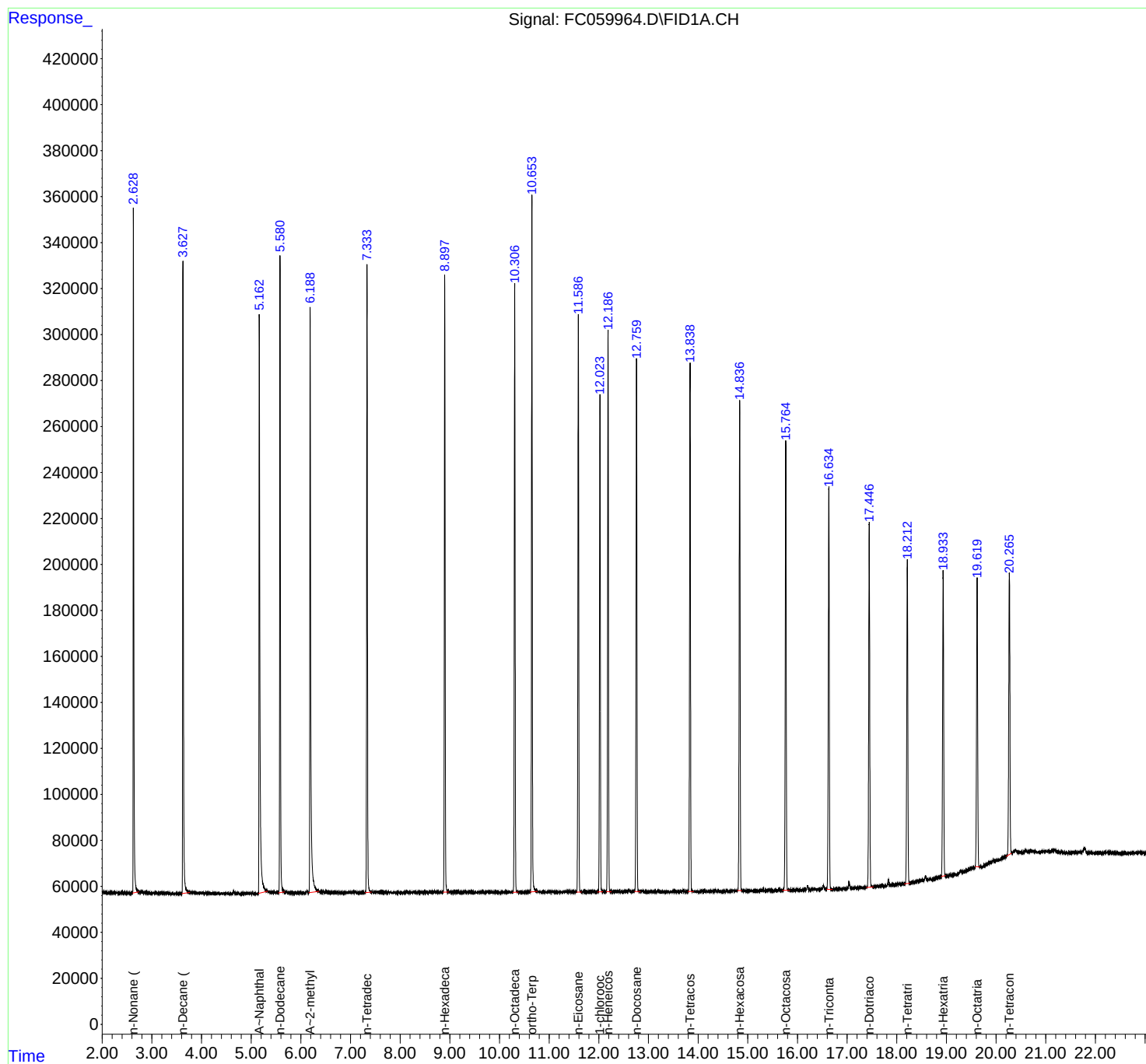
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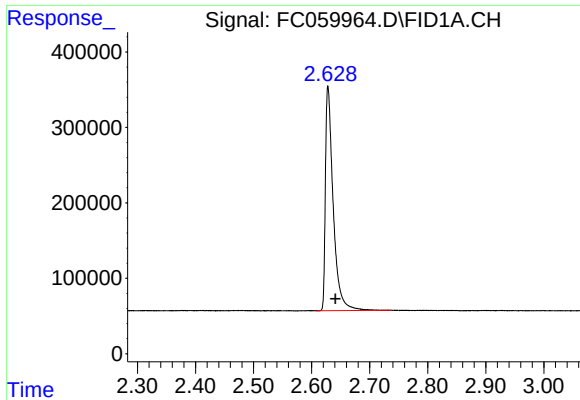
(m)=manual int.

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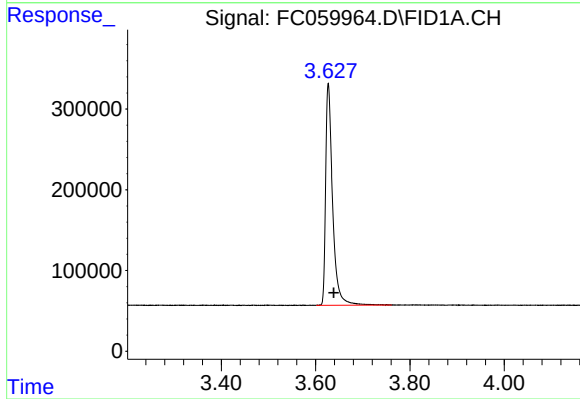
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Signal Info : 20M x 0.18mm x 0.18um





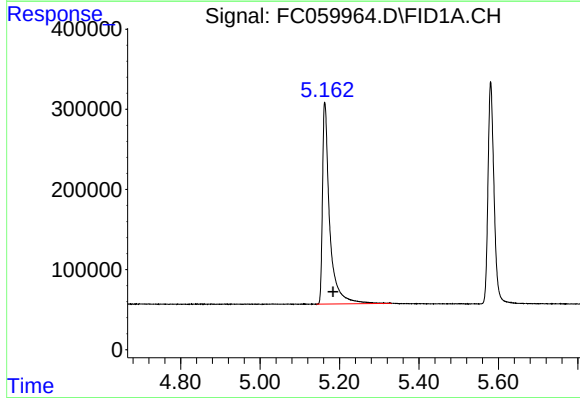
#1 n-Nonane (C9)

R.T.: 2.629 min
Delta R.T.: -0.012 min
Response: 2774734
Conc: 21.68 ug/ml



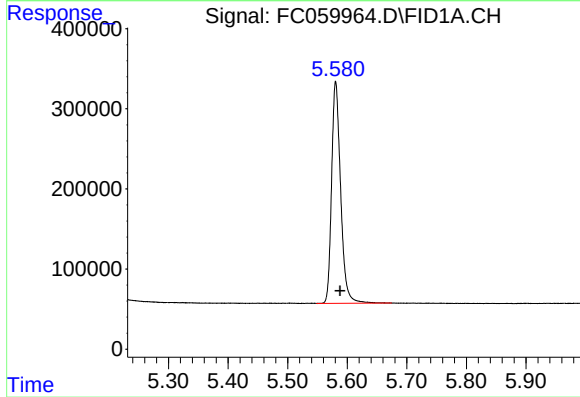
#2 n-Decane (C10)

R.T.: 3.628 min
Delta R.T.: -0.011 min
Response: 2799079
Conc: 21.88 ug/ml



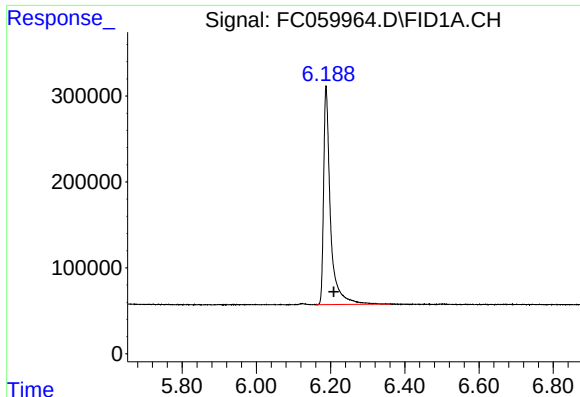
#3 A~Naphthalene (C11.7)

R.T.: 5.164 min
Delta R.T.: -0.020 min
Response: 3179503
Conc: 22.00 ug/ml



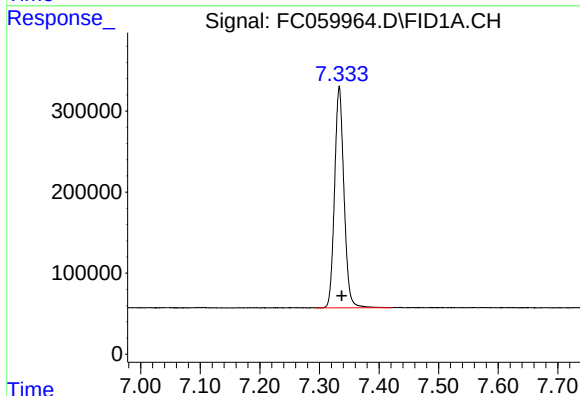
#4 n-Dodecane (C12)

R.T.: 5.581 min
Delta R.T.: -0.007 min
Response: 2914297
Conc: 21.86 ug/ml



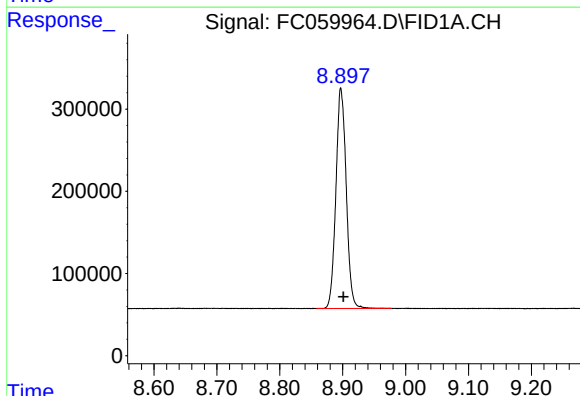
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.188 min
Delta R.T.: -0.020 min
Response: 3258032
Conc: 22.20 ug/ml



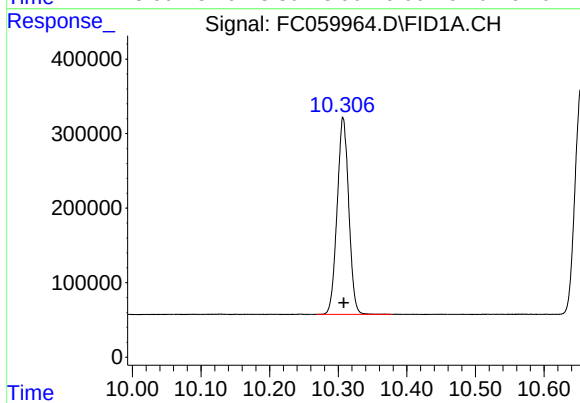
#6 n-Tetradecane (C14)

R.T.: 7.333 min
Delta R.T.: -0.004 min
Response: 2990576
Conc: 21.91 ug/ml



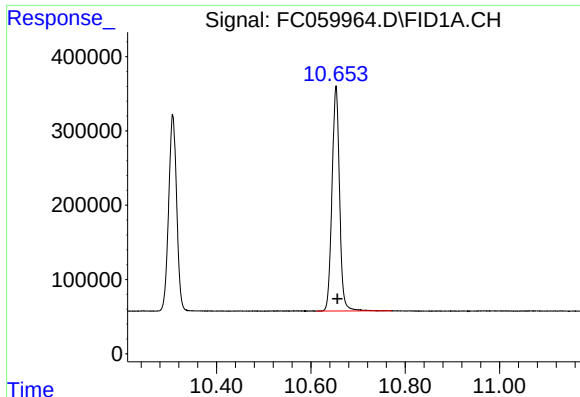
#7 n-Hexadecane (C16)

R.T.: 8.898 min
Delta R.T.: -0.004 min
Response: 3060449
Conc: 21.81 ug/ml



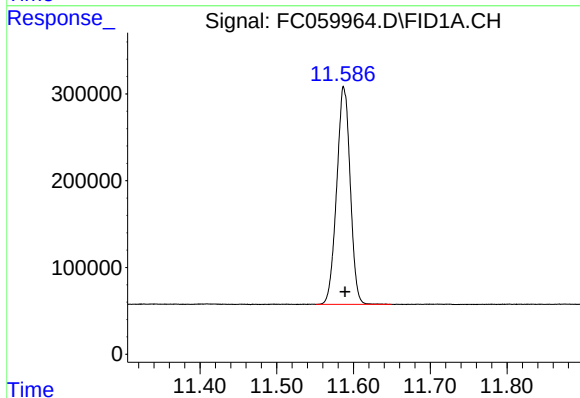
#8 n-Octadecane (C18)

R.T.: 10.307 min
Delta R.T.: 0.000 min
Response: 3104981
Conc: 21.70 ug/ml



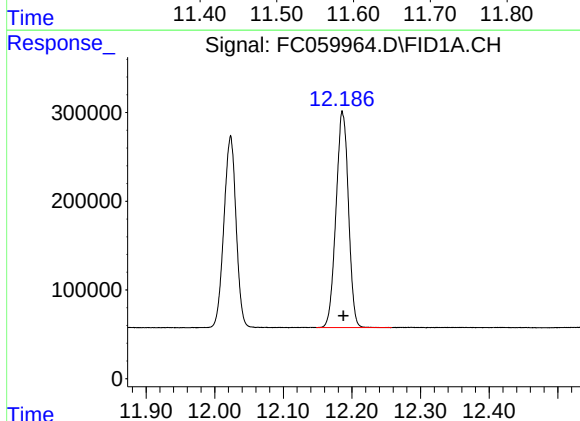
#9 ortho-Terphenyl (SURR)

R.T.: 10.653 min
Delta R.T.: -0.002 min
Response: 3359155
Conc: 21.59 ug/ml



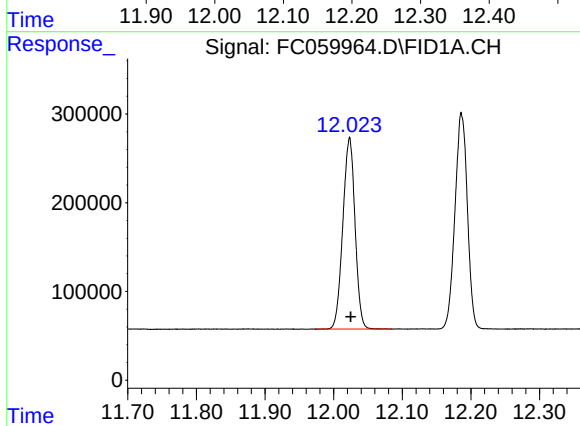
#10 n-Eicosane (C20)

R.T.: 11.588 min
Delta R.T.: -0.001 min
Response: 3070436
Conc: 21.52 ug/ml



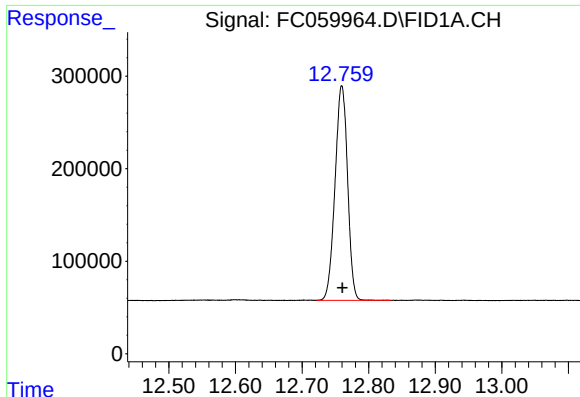
#11 n-Heneicosane (C21)

R.T.: 12.187 min
Delta R.T.: -0.001 min
Response: 3064760
Conc: 21.38 ug/ml



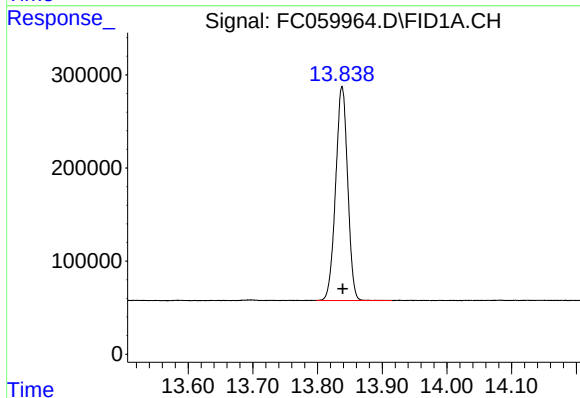
#12 1-chlorooctadecane (SURR)

R.T.: 12.023 min
Delta R.T.: -0.002 min
Response: 2661439
Conc: 21.47 ug/ml



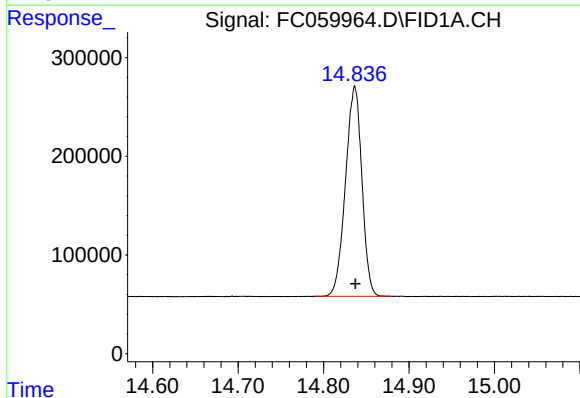
#13 n-Docosane (C22)

R.T.: 12.760 min
Delta R.T.: 0.000 min
Response: 3038618
Conc: 21.32 ug/ml



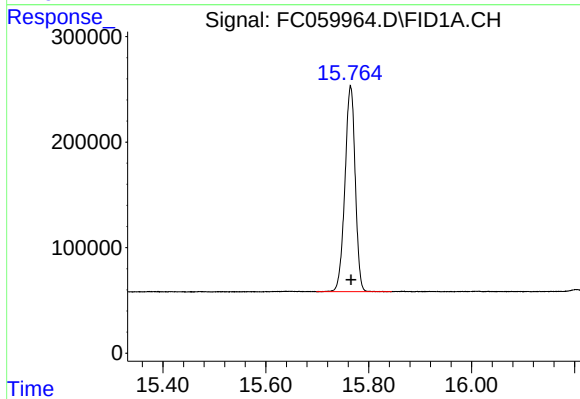
#14 n-Tetracosane (C24)

R.T.: 13.838 min
Delta R.T.: -0.001 min
Response: 2963579
Conc: 21.12 ug/ml



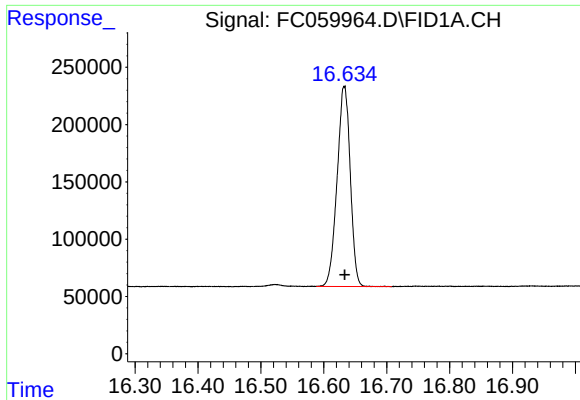
#15 n-Hexacosane (C26)

R.T.: 14.836 min
Delta R.T.: 0.000 min
Response: 2834182
Conc: 20.93 ug/ml



#16 n-Octacosane (C28)

R.T.: 15.765 min
Delta R.T.: -0.001 min
Response: 2706309
Conc: 20.78 ug/ml



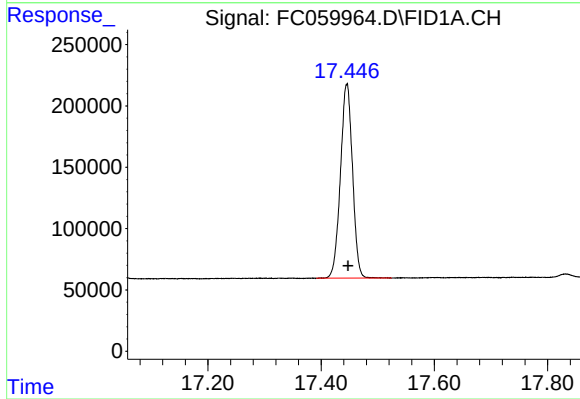
#17 n-Tricontane (C30)

R.T.: 16.633 min

Delta R.T.: 0.000 min

Response: 2542304

Conc: 20.77 ug/ml



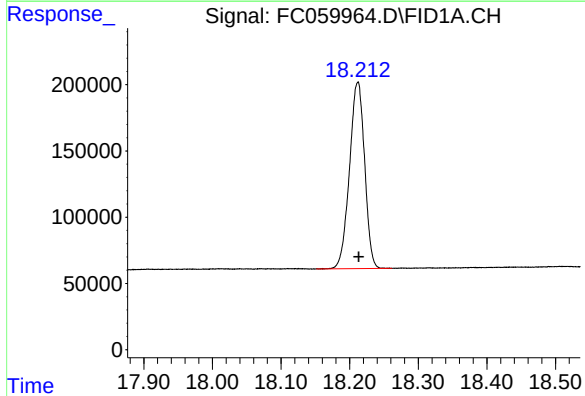
#18 n-Dotriacontane (C32)

R.T.: 17.445 min

Delta R.T.: -0.002 min

Response: 2341661

Conc: 21.00 ug/ml



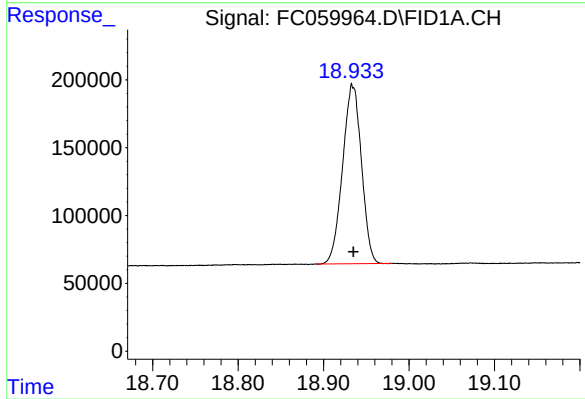
#19 n-Tetratriacontane (C34)

R.T.: 18.212 min

Delta R.T.: -0.002 min

Response: 2154960

Conc: 21.13 ug/ml



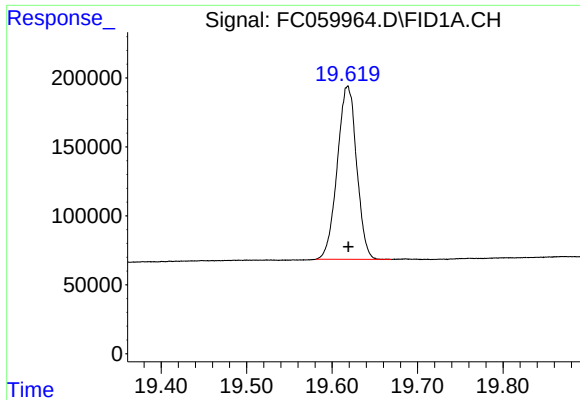
#20 n-Hexatriacontane (C36)

R.T.: 18.934 min

Delta R.T.: 0.000 min

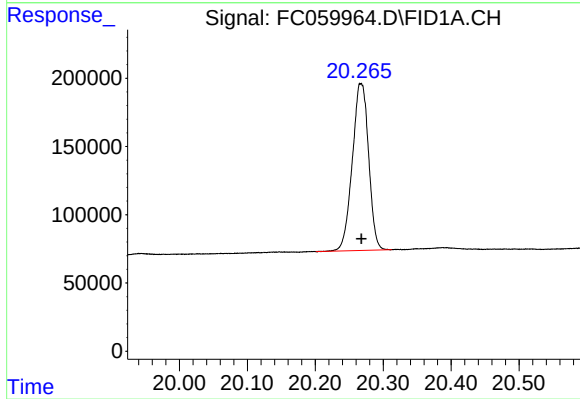
Response: 2020968

Conc: 21.34 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 19.618 min
Delta R.T.: 0.000 min
Response: 1974300
Conc: 21.40 ug/ml



#22 n-Tetracontane (C40)

R.T.: 20.267 min
Delta R.T.: 0.000 min
Response: 2036054
Conc: 21.64 ug/ml