

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC042722AL\
 Data File : FC059476.D
 Signal(s) : FID1A.CH
 Acq On : 27 Apr 2022 16:25
 Operator : UA/NP
 Sample : PB144387BS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 PB144387BS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 04/28/2022
 Supervised By :mohammad ahmed 04/28/2022

Integration File: sample.E
 Quant Time: Apr 28 04:52:14 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 042122.M
 Quant Title : GC Extractables
 QLast Update : Thu Apr 21 17:30:29 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			
12) S 1-chlorooctadecane (S...	12.544	6284896	48.129 ug/ml
Spiked Amount 50.000		Recovery =	96.26%
Target Compounds			
1) T n-Nonane (C9)	2.960	2765278	22.064 ug/ml
2) T n-Decane (C10)	4.000	3511764	28.109 ug/ml
4) T n-Dodecane (C12)	5.997	4200776	31.856 ug/ml
6) T n-Tetradecane (C14)	7.779	4679463	34.595 ug/ml
7) T n-Hexadecane (C16)	9.370	5316797	37.857 ug/ml
8) T n-Octadecane (C18)	10.804	5885228	40.289 ug/ml
10) T n-Eicosane (C20)	12.106	5834034	38.901 ug/ml
11) T n-Heneicosane (C21)	12.714	5819028	38.255 ug/ml
13) T n-Docosane (C22)	13.297	5746585	37.505 ug/ml
14) T n-Tetracosane (C24)	14.394	5543114	35.799 ug/ml
15) T n-Hexacosane (C26)	15.411	5279788	34.258 ug/ml
16) T n-Octacosane (C28)	16.355	4935292	31.881 ug/ml
17) T n-Tricontane (C30)	17.240	4677278	30.794 ug/ml
18) T n-Dotriacontane (C32)	18.068	4557083	32.343 ug/ml
19) T n-Tetratriacontane (C34)	18.849	4191997	33.168 ug/ml
20) T n-Hexatriacontane (C36)	19.587	4049293	37.021 ug/ml
21) T n-Octatriacontane (C38)	20.282	3959374	42.514 ug/mlm
22) T n-Tetracontane (C40)	21.024	3892153	46.597 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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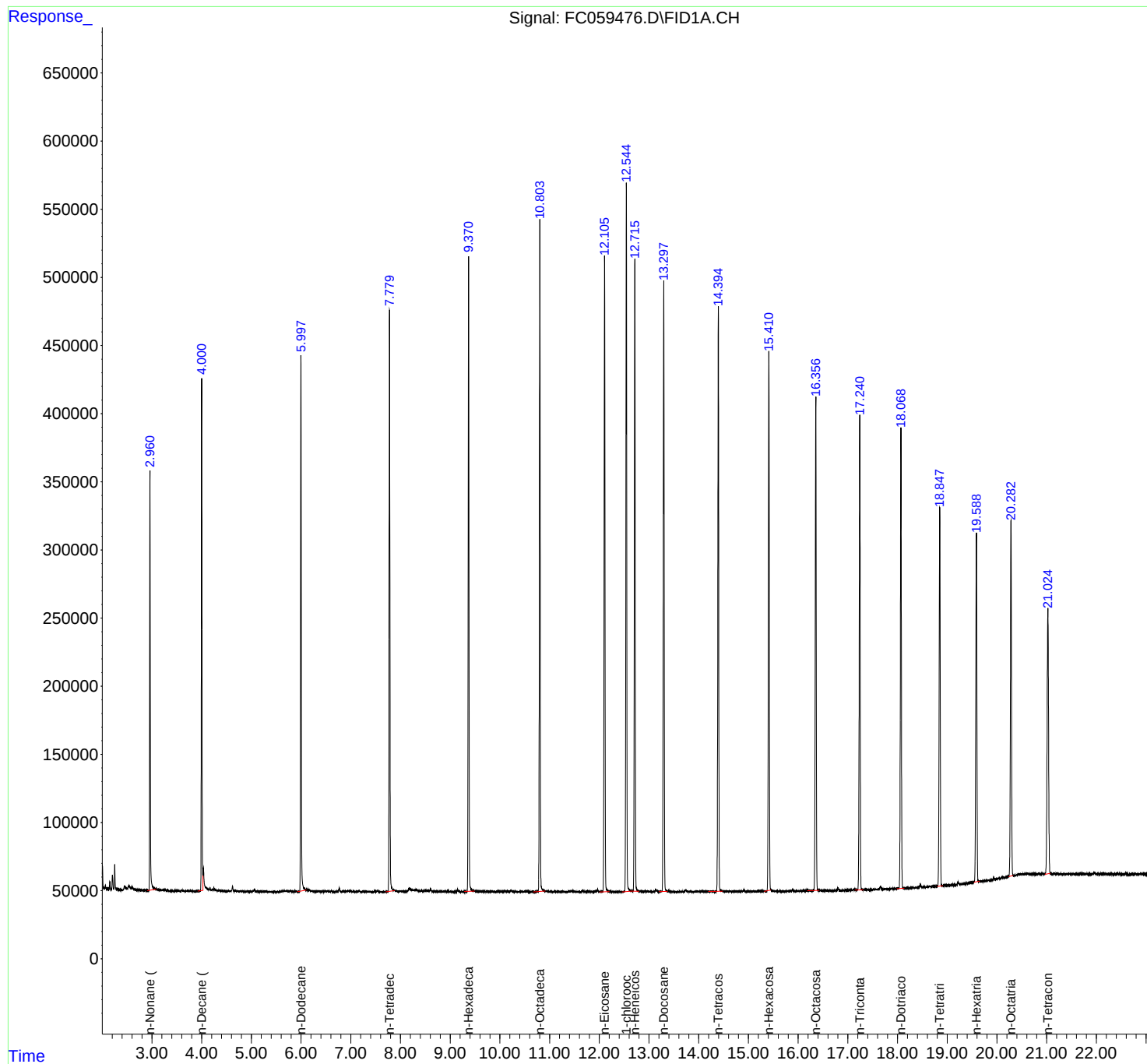
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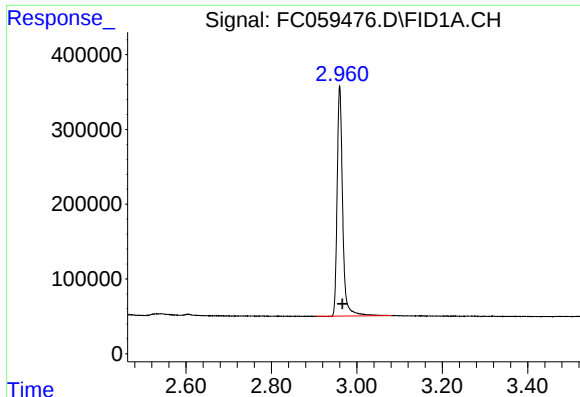
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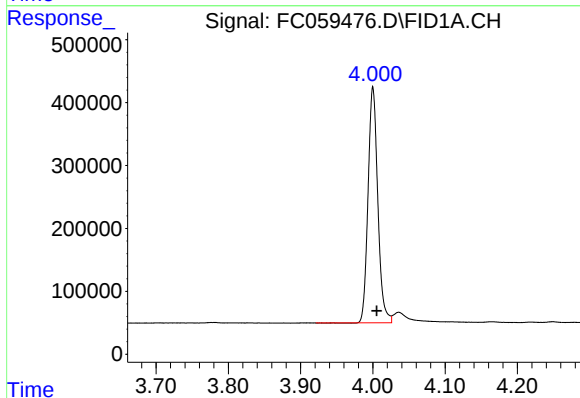
#1 n-Nonane (C9)

R.T.: 2.960 min
Delta R.T.: -0.006 min
Response: 2765278
Conc: 22.06 ug/ml

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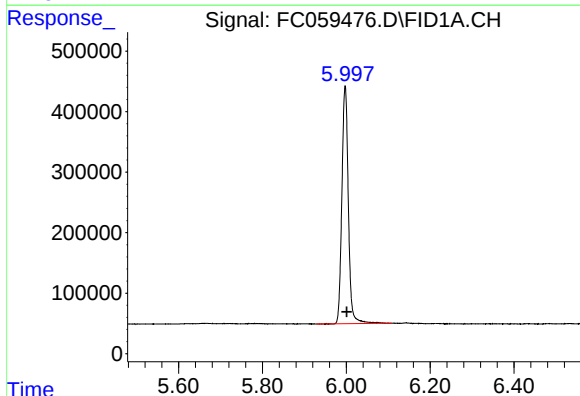
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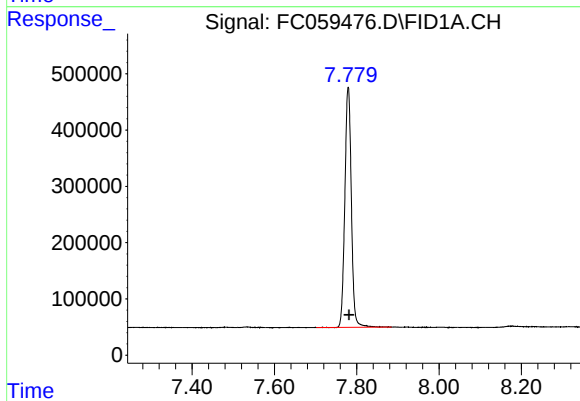
#2 n-Decane (C10)

R.T.: 4.000 min
Delta R.T.: -0.005 min
Response: 3511764
Conc: 28.11 ug/ml



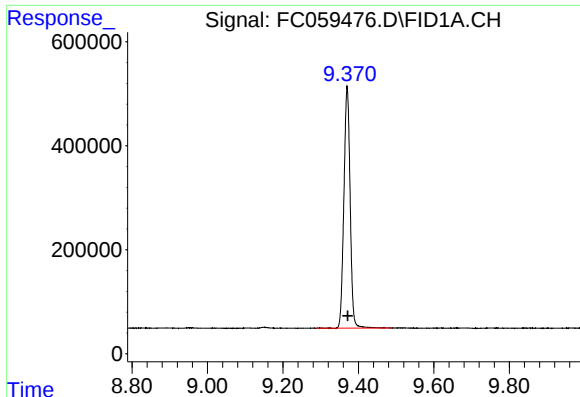
#4 n-Dodecane (C12)

R.T.: 5.997 min
Delta R.T.: -0.003 min
Response: 4200776
Conc: 31.86 ug/ml



#6 n-Tetradecane (C14)

R.T.: 7.779 min
Delta R.T.: -0.003 min
Response: 4679463
Conc: 34.60 ug/ml



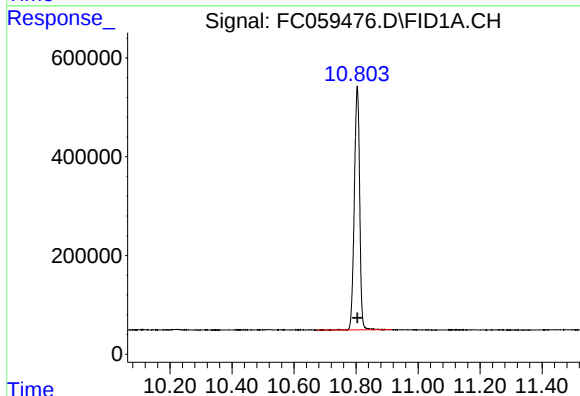
#7 n-Hexadecane (C16)

R.T.: 9.370 min
Delta R.T.: -0.002 min
Response: 5316797
Conc: 37.86 ug/ml

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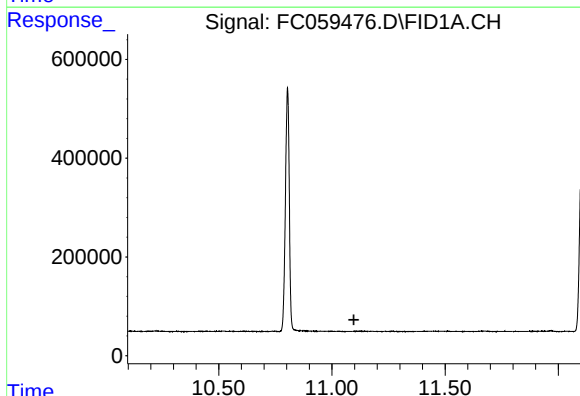
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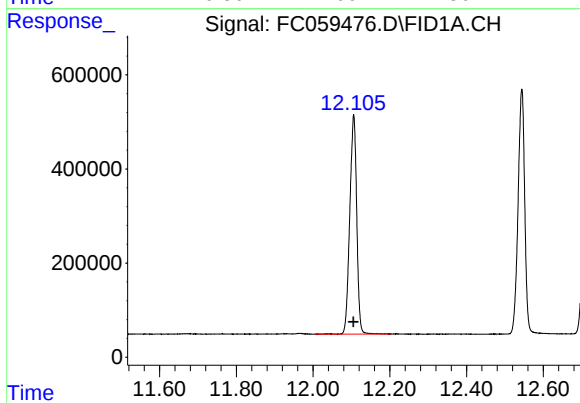
#8 n-Octadecane (C18)

R.T.: 10.804 min
Delta R.T.: 0.000 min
Response: 5885228
Conc: 40.29 ug/ml



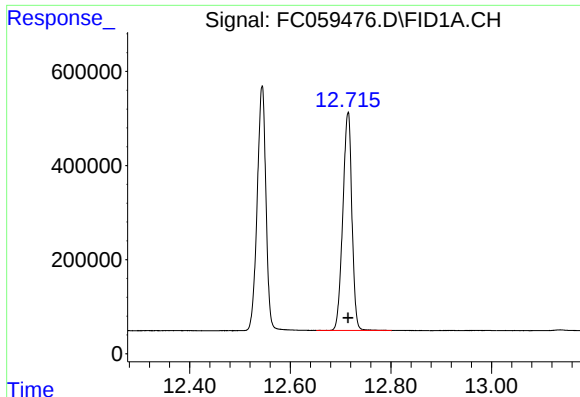
#9 ortho-Terphenyl (SURR)

R.T.: 0.000 min
Exp R.T. : 11.097 min
Response: 0
Conc: N.D.



#10 n-Eicosane (C20)

R.T.: 12.106 min
Delta R.T.: 0.000 min
Response: 5834034
Conc: 38.90 ug/ml



#11 n-Heneicosane (C21)

R.T.: 12.714 min
Delta R.T.: 0.000 min
Response: 5819028
Conc: 38.26 ug/ml

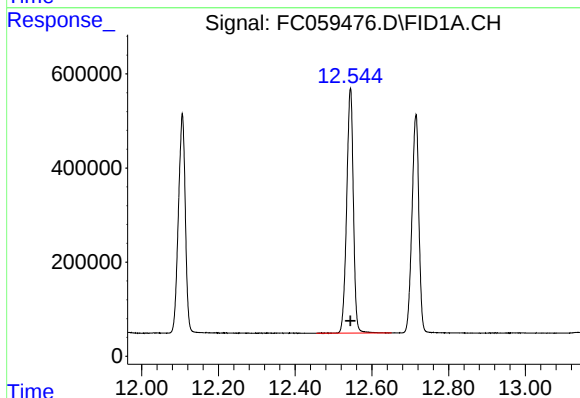
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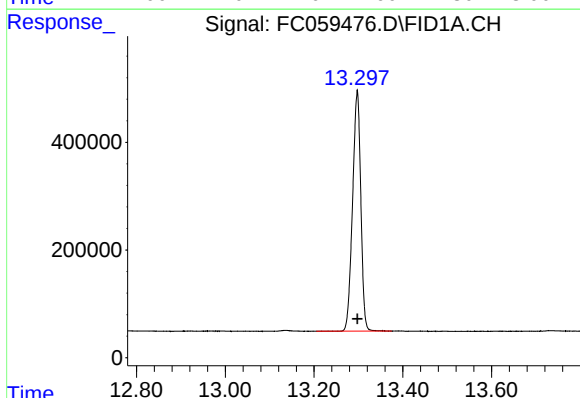
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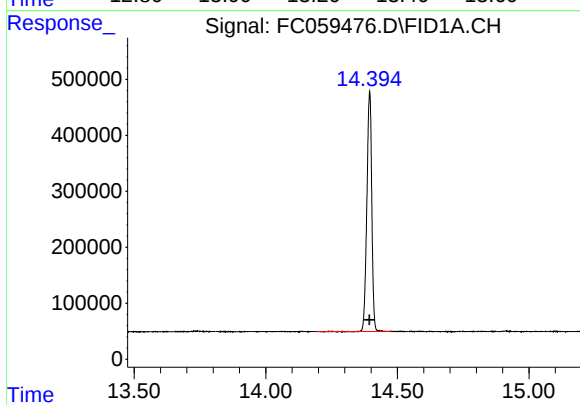
#12 1-chlorooctadecane (SURR)

R.T.: 12.544 min
Delta R.T.: 0.000 min
Response: 6284896
Conc: 48.13 ug/ml



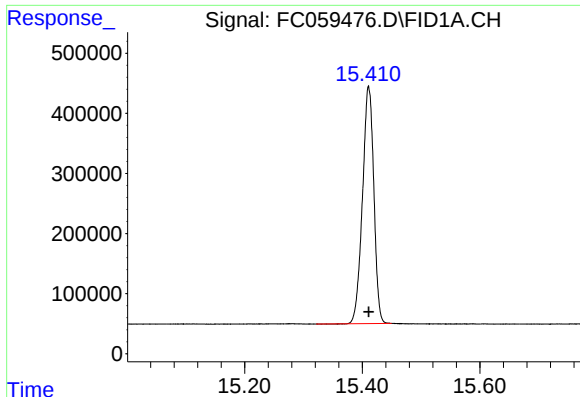
#13 n-Docosane (C22)

R.T.: 13.297 min
Delta R.T.: -0.001 min
Response: 5746585
Conc: 37.50 ug/ml



#14 n-Tetracosane (C24)

R.T.: 14.394 min
Delta R.T.: 0.000 min
Response: 5543114
Conc: 35.80 ug/ml



#15 n-Hexacosane (C26)

R.T.: 15.411 min
Delta R.T.: 0.000 min
Response: 5279788
Conc: 34.26 ug/ml

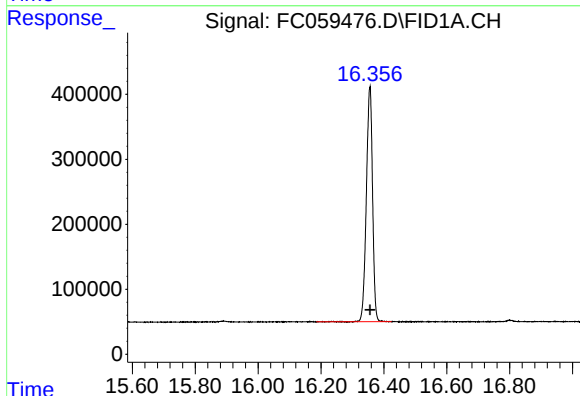
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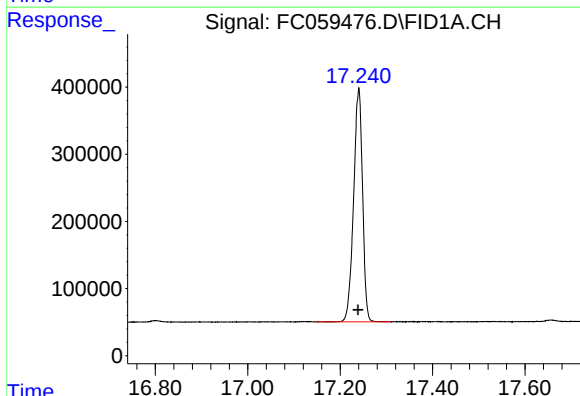
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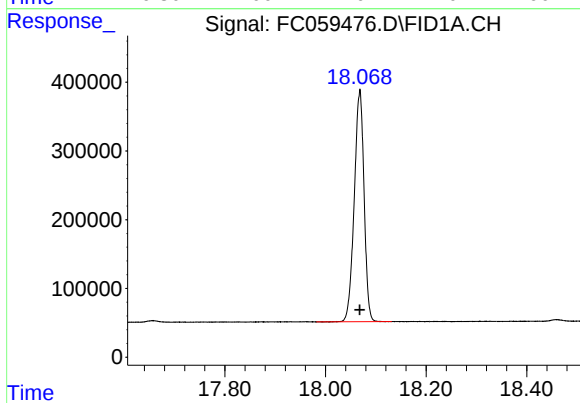
#16 n-Octacosane (C28)

R.T.: 16.355 min
Delta R.T.: 0.000 min
Response: 4935292
Conc: 31.88 ug/ml



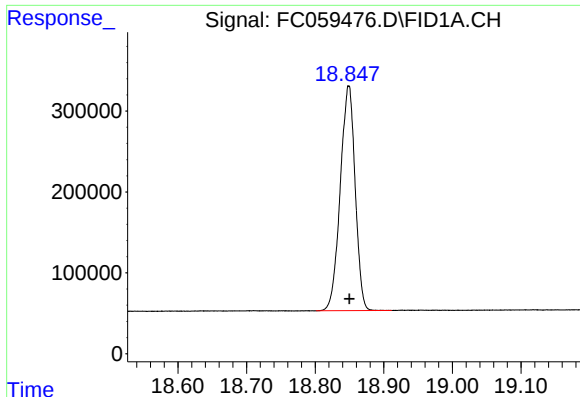
#17 n-Tricontane (C30)

R.T.: 17.240 min
Delta R.T.: 0.000 min
Response: 4677278
Conc: 30.79 ug/ml



#18 n-Dotriacontane (C32)

R.T.: 18.068 min
Delta R.T.: 0.000 min
Response: 4557083
Conc: 32.34 ug/ml



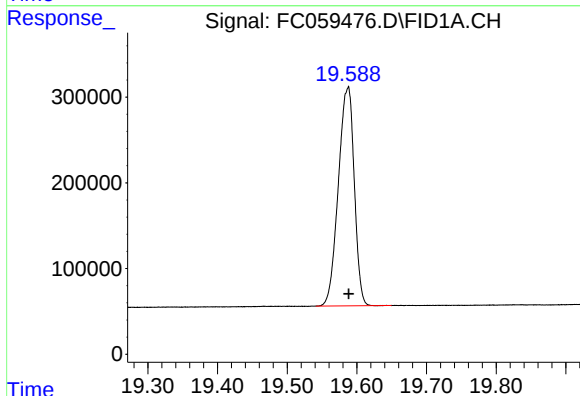
#19 n-Tetratriacontane (C34)

R.T.: 18.849 min
Delta R.T.: 0.000 min
Response: 4191997
Conc: 33.17 ug/ml

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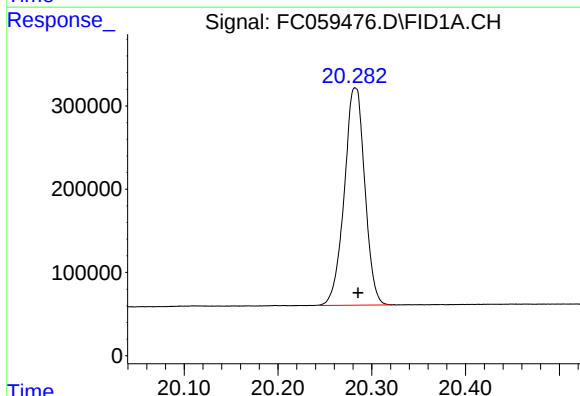
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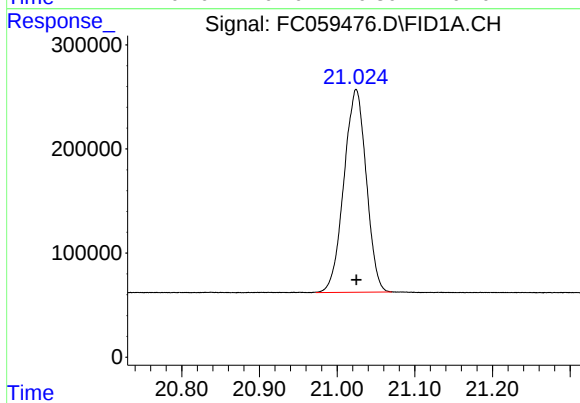
#20 n-Hexatriacontane (C36)

R.T.: 19.587 min
Delta R.T.: -0.002 min
Response: 4049293
Conc: 37.02 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.282 min
Delta R.T.: -0.003 min
Response: 3959374
Conc: 42.51 ug/ml m



#22 n-Tetracontane (C40)

R.T.: 21.024 min
Delta R.T.: 0.000 min
Response: 3892153
Conc: 46.60 ug/ml m