

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC042222AL\
 Data File : FC059366.D
 Signal(s) : FID1A.CH
 Acq On : 22 Apr 2022 19:55
 Operator : UA/NP
 Sample : N2428-01MS
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 S-1MS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 04/25/2022
 Supervised By :mohammad ahmed 04/25/2022

Integration File: sample.E
 Quant Time: Apr 22 23:32:18 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...	12.546	5377806	41.183 ug/ml
Spiked Amount 50.000		Recovery =	82.37%
Target Compounds			
1) T n-Nonane (C9)	2.962	2884372	23.014 ug/ml
2) T n-Decane (C10)	4.002	3818897	30.567 ug/ml
4) T n-Dodecane (C12)	5.999	4358873	33.055 ug/ml
6) T n-Tetradecane (C14)	7.782	4589436	33.929 ug/ml
7) T n-Hexadecane (C16)	9.373	5044890	35.921 ug/ml
8) T n-Octadecane (C18)	10.806	5666820	38.793 ug/ml
10) T n-Eicosane (C20)	12.108	5687447	37.924 ug/ml
11) T n-Heneicosane (C21)	12.717	5748250	37.790 ug/ml
13) T n-Docosane (C22)	13.300	5717721	37.316 ug/ml
14) T n-Tetracosane (C24)	14.397	5626571	36.338 ug/ml
15) T n-Hexacosane (C26)	15.412	5404472	35.067 ug/ml
16) T n-Octacosane (C28)	16.358	5018118	32.416 ug/mlm
17) T n-Tricontane (C30)	17.240	4651951	30.627 ug/mlm
18) T n-Dotriacontane (C32)	18.070	4428870	31.433 ug/mlm
19) T n-Tetratriacontane (C34)	18.849	3927944	31.079 ug/ml
20) T n-Hexatriacontane (C36)	19.585	3647615	33.349 ug/ml
21) T n-Octatriacontane (C38)	20.283	3598569	38.639 ug/mlm
22) T n-Tetracontane (C40)	21.026	3396214	40.660 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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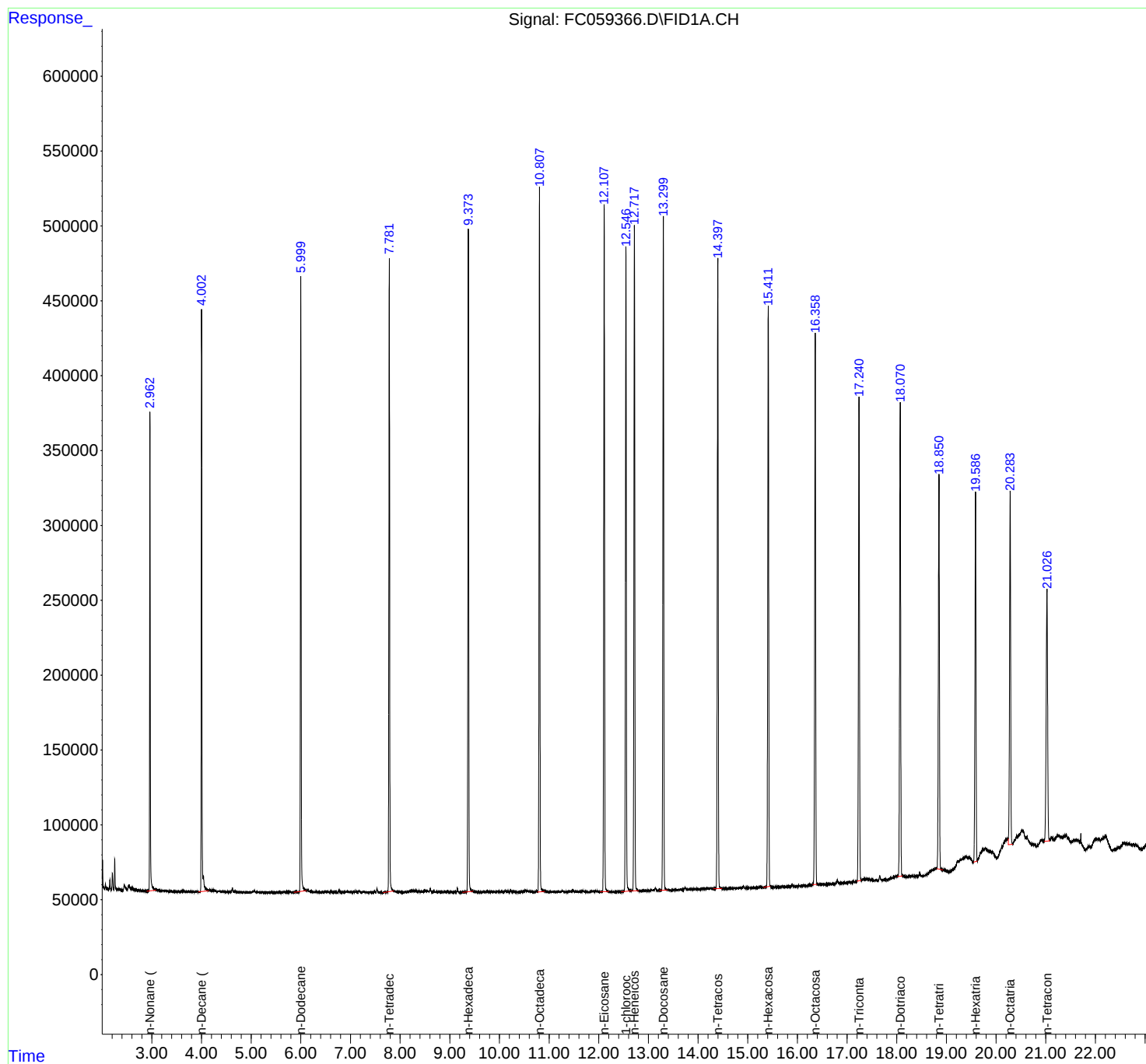
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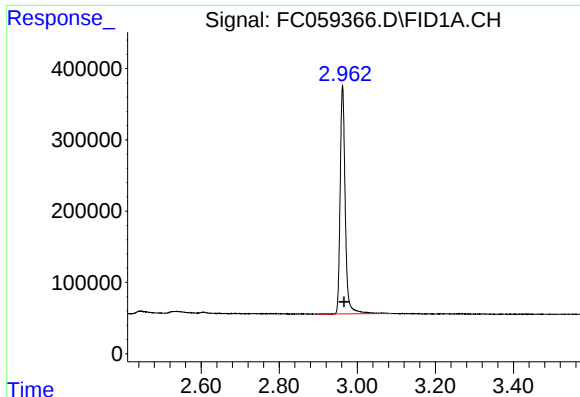
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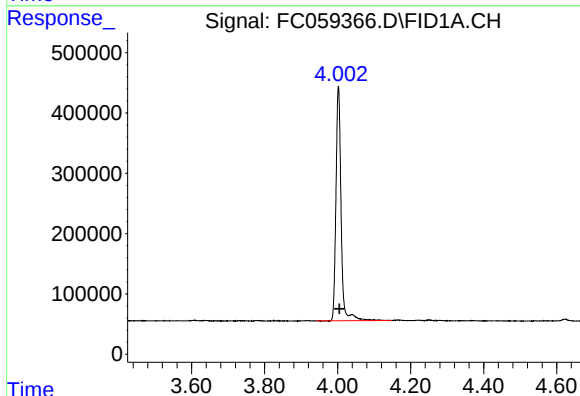
#1 n-Nonane (C9)

R.T.: 2.962 min
Delta R.T.: -0.004 min
Response: 2884372
Conc: 23.01 ug/ml

Instrument :
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S-1MS

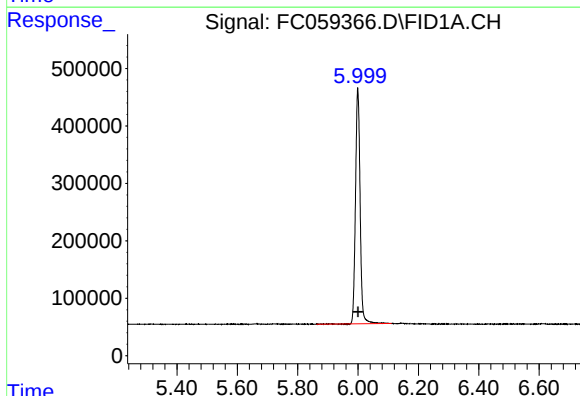
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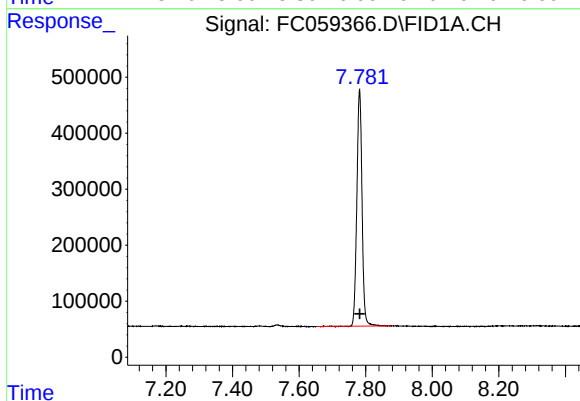
#2 n-Decane (C10)

R.T.: 4.002 min
Delta R.T.: -0.003 min
Response: 3818897
Conc: 30.57 ug/ml



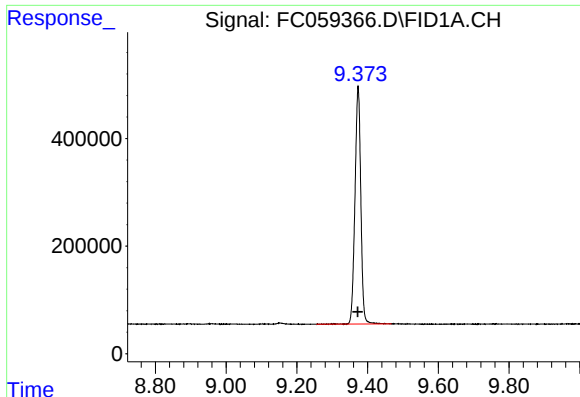
#4 n-Dodecane (C12)

R.T.: 5.999 min
Delta R.T.: -0.001 min
Response: 4358873
Conc: 33.05 ug/ml



#6 n-Tetradecane (C14)

R.T.: 7.782 min
Delta R.T.: 0.000 min
Response: 4589436
Conc: 33.93 ug/ml



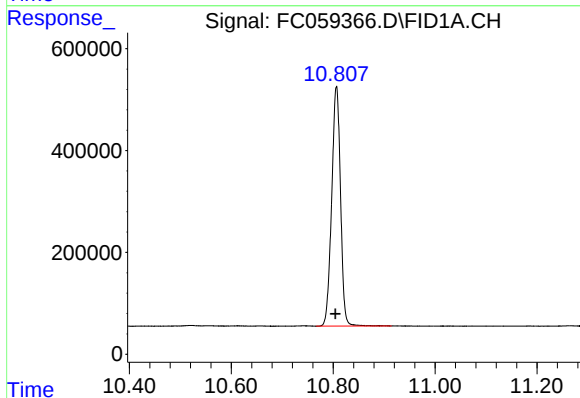
#7 n-Hexadecane (C16)

R.T.: 9.373 min
Delta R.T.: 0.001 min
Response: 5044890
Conc: 35.92 ug/ml

Instrument :
FID_C
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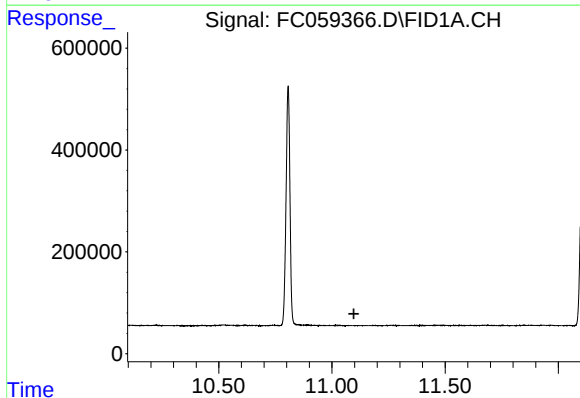
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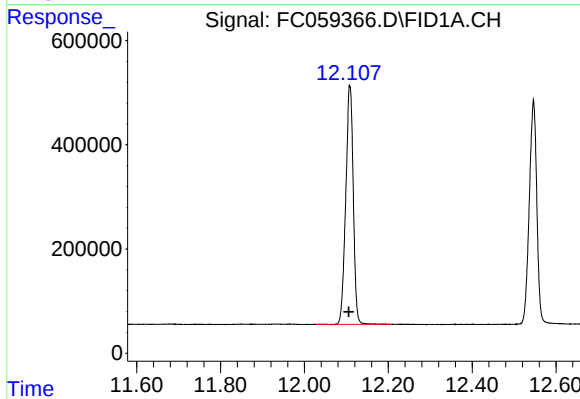
#8 n-Octadecane (C18)

R.T.: 10.806 min
Delta R.T.: 0.002 min
Response: 5666820
Conc: 38.79 ug/ml



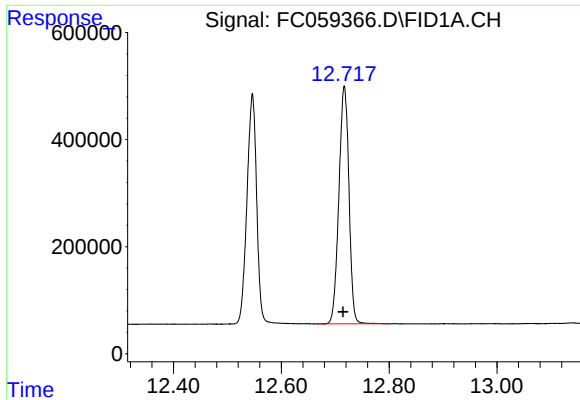
#9 ortho-Terphenyl (SURR)

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



#10 n-Eicosane (C20)

R.T.: 12.108 min
Delta R.T.: 0.003 min
Response: 5687447
Conc: 37.92 ug/ml



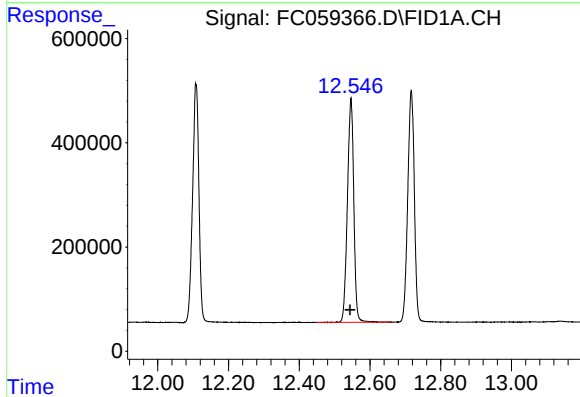
#11 n-Heneicosane (C21)

R.T.: 12.717 min
Delta R.T.: 0.002 min
Response: 5748250
Conc: 37.79 ug/ml

Instrument :
FID_C
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S-1MS

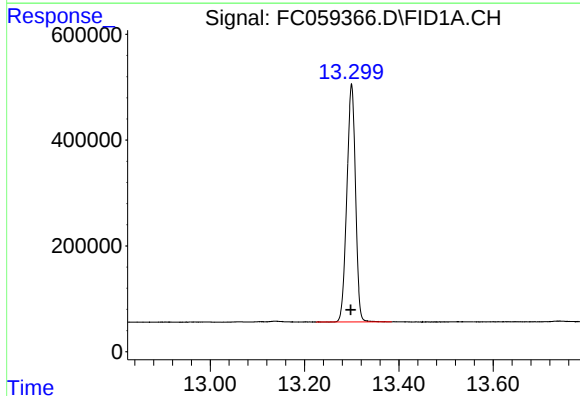
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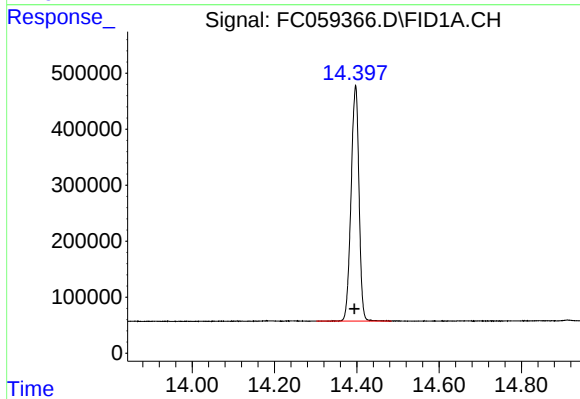
#12 1-chlorooctadecane (SURR)

R.T.: 12.546 min
Delta R.T.: 0.002 min
Response: 5377806
Conc: 41.18 ug/ml



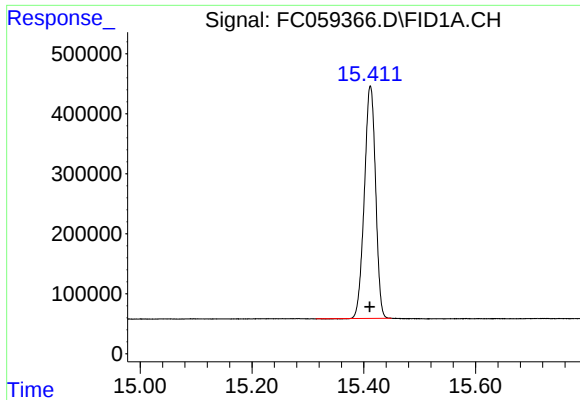
#13 n-Docosane (C22)

R.T.: 13.300 min
Delta R.T.: 0.002 min
Response: 5717721
Conc: 37.32 ug/ml



#14 n-Tetracosane (C24)

R.T.: 14.397 min
Delta R.T.: 0.003 min
Response: 5626571
Conc: 36.34 ug/ml



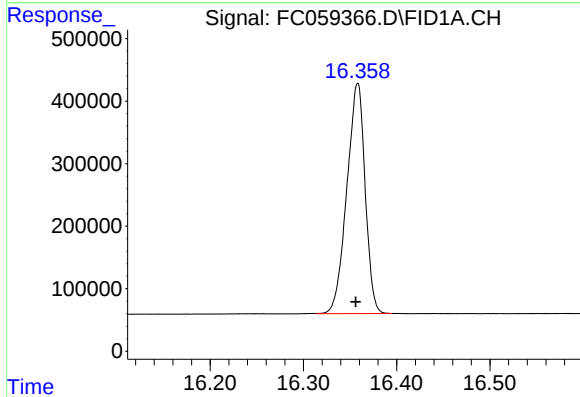
#15 n-Hexacosane (C26)

R.T.: 15.412 min
Delta R.T.: 0.000 min
Response: 5404472
Conc: 35.07 ug/ml

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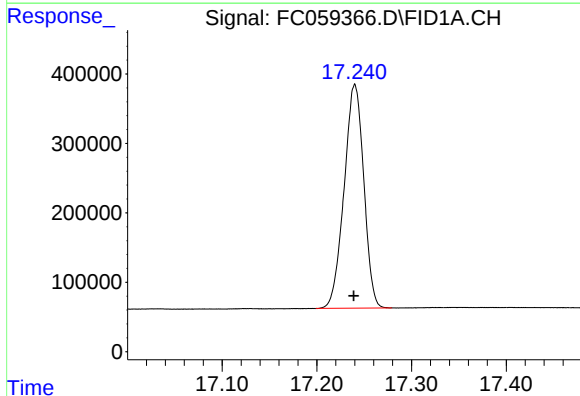
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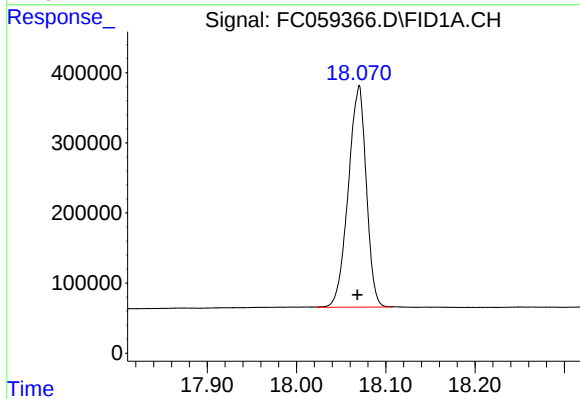
#16 n-Octacosane (C28)

R.T.: 16.358 min
Delta R.T.: 0.002 min
Response: 5018118
Conc: 32.42 ug/ml m



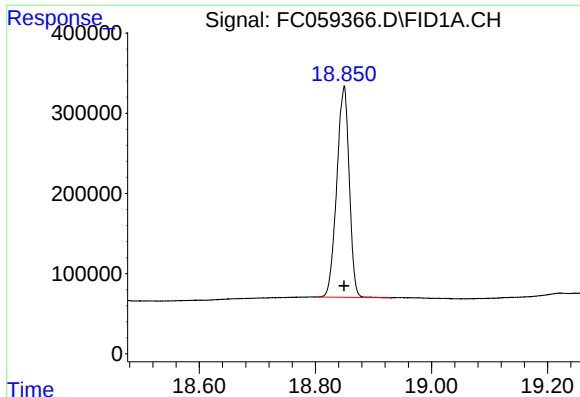
#17 n-Tricontane (C30)

R.T.: 17.240 min
Delta R.T.: 0.000 min
Response: 4651951
Conc: 30.63 ug/ml m



#18 n-Dotriacontane (C32)

R.T.: 18.070 min
Delta R.T.: 0.002 min
Response: 4428870
Conc: 31.43 ug/ml m



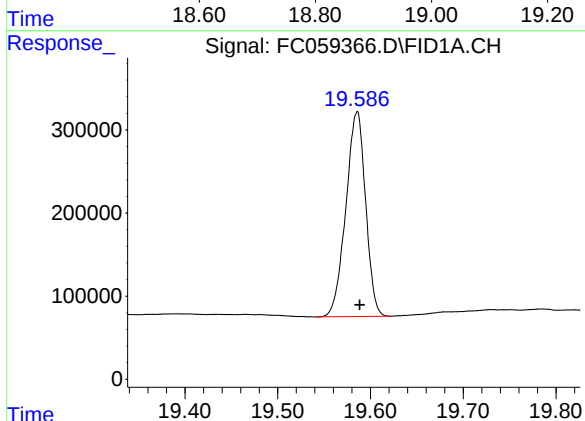
#19 n-Tetratriacontane (C34)

R.T.: 18.849 min
Delta R.T.: 0.000 min
Response: 3927944
Conc: 31.08 ug/ml

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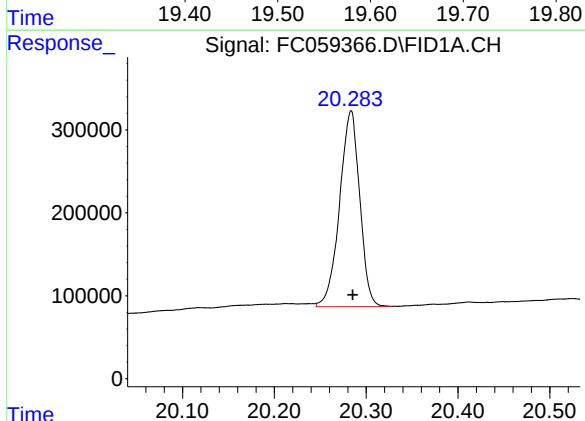
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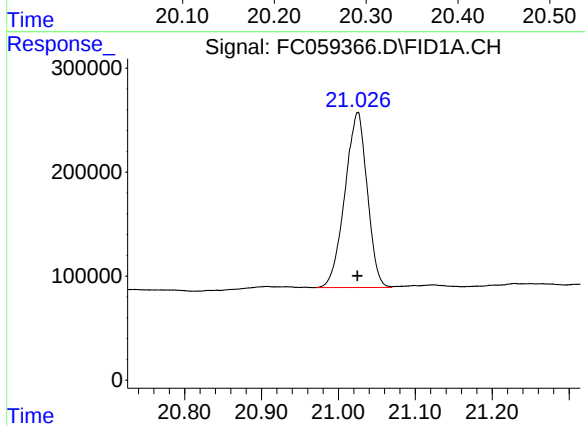
#20 n-Hexatriacontane (C36)

R.T.: 19.585 min
Delta R.T.: -0.003 min
Response: 3647615
Conc: 33.35 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.283 min
Delta R.T.: -0.003 min
Response: 3598569
Conc: 38.64 ug/ml m



#22 n-Tetracontane (C40)

R.T.: 21.026 min
Delta R.T.: 0.001 min
Response: 3396214
Conc: 40.66 ug/ml m