

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC042222AL\
 Data File : FC059354.D
 Signal(s) : FID1A.CH
 Acq On : 22 Apr 2022 12:07
 Operator : UA/NP
 Sample : PB144240BSD
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 PB144240BSD

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 23:30:03 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...	12.545	5511380	42.206 ug/ml
Spiked Amount 50.000		Recovery =	84.41%
Target Compounds			
1) T n-Nonane (C9)	2.962	2574724	20.544 ug/ml
2) T n-Decane (C10)	4.002	3366115	26.943 ug/ml
4) T n-Dodecane (C12)	5.999	3952531	29.973 ug/ml
6) T n-Tetradecane (C14)	7.781	4194489	31.010 ug/ml
7) T n-Hexadecane (C16)	9.371	4818166	34.307 ug/ml
8) T n-Octadecane (C18)	10.805	5563171	38.084 ug/ml
10) T n-Eicosane (C20)	12.107	5740941	38.280 ug/ml
11) T n-Heneicosane (C21)	12.716	5864778	38.556 ug/ml
13) T n-Docosane (C22)	13.299	5909357	38.567 ug/ml
14) T n-Tetracosane (C24)	14.396	5982060	38.633 ug/ml
15) T n-Hexacosane (C26)	15.412	5959807	38.670 ug/ml
16) T n-Octacosane (C28)	16.357	5888573	38.039 ug/ml
17) T n-Tricontane (C30)	17.242	5721141	37.667 ug/ml
18) T n-Dotriacontane (C32)	18.069	5580124	39.603 ug/ml
19) T n-Tetratriacontane (C34)	18.848	4983908	39.434 ug/ml
20) T n-Hexatriacontane (C36)	19.585	4542651	41.532 ug/ml
21) T n-Octatriacontane (C38)	20.283	4112266	44.155 ug/mlm
22) T n-Tetracontane (C40)	21.022	3754691	44.951 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Sample : PB144240BSD
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ALS Vial : 5 Sample Multiplier: 1

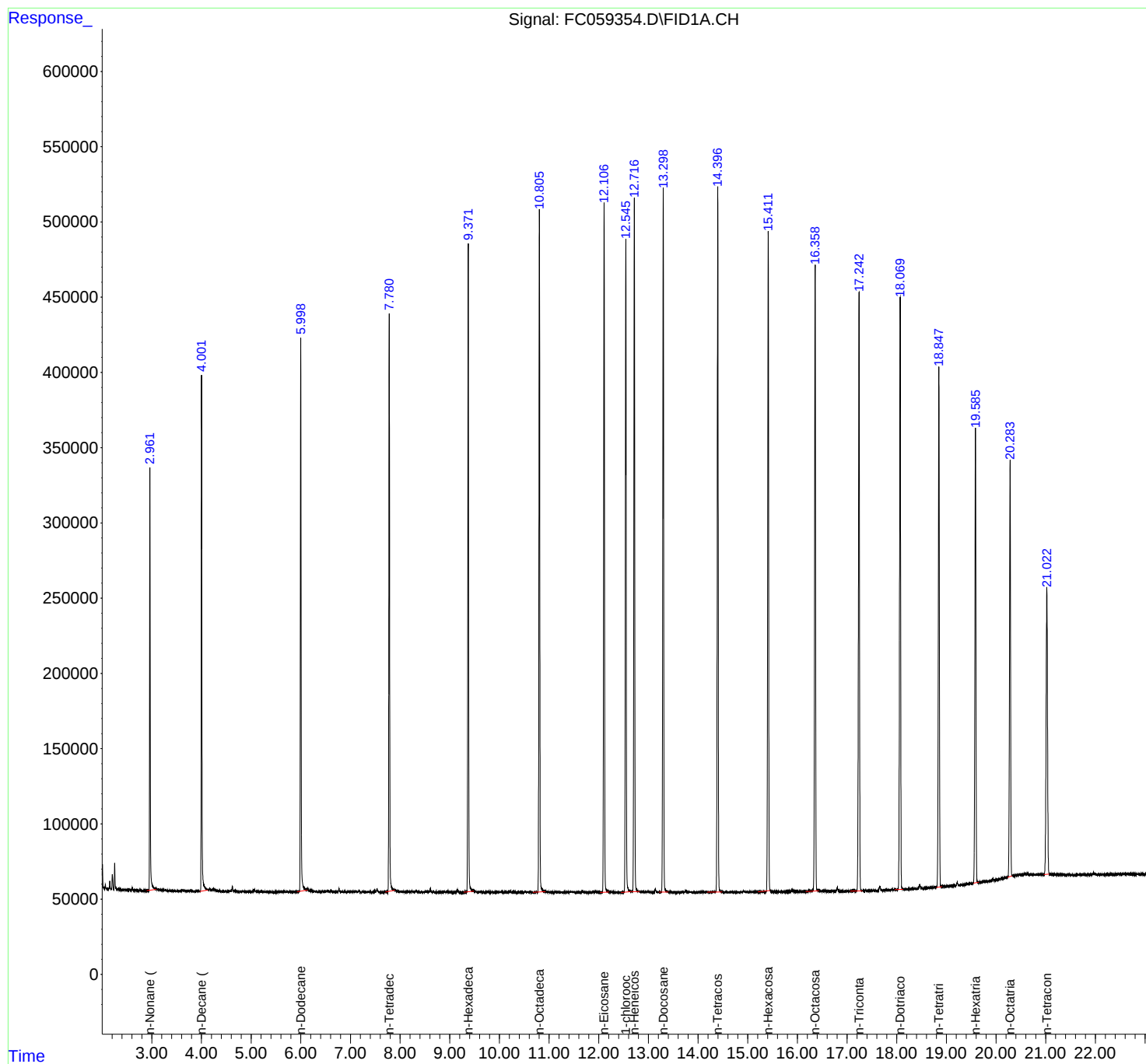
Instrument :
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PB144240BSD

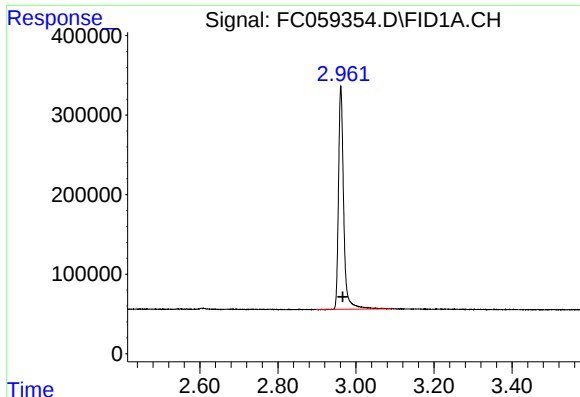
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#1 n-Nonane (C9)

R.T.: 2.962 min
Delta R.T.: -0.004 min
Response: 2574724
Conc: 20.54 ug/ml

Instrument :

FID_C

ClientSampleId :

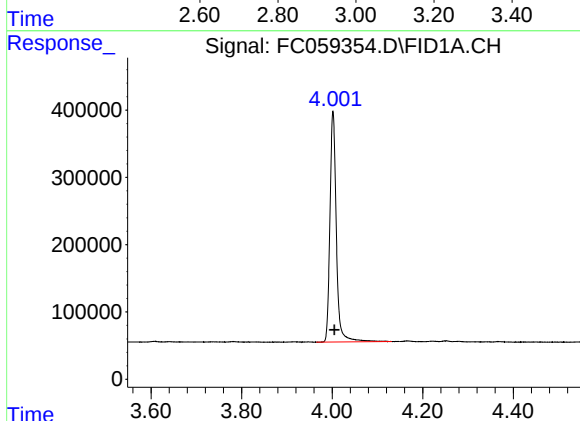
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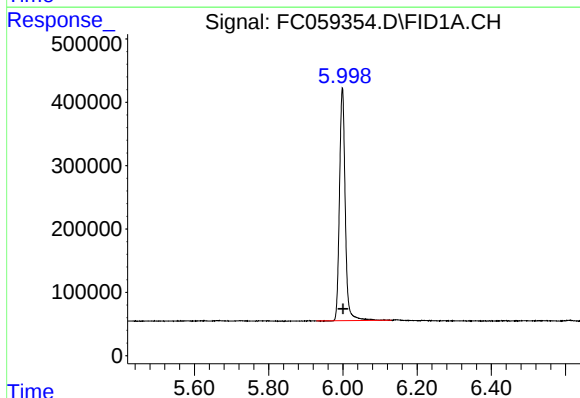
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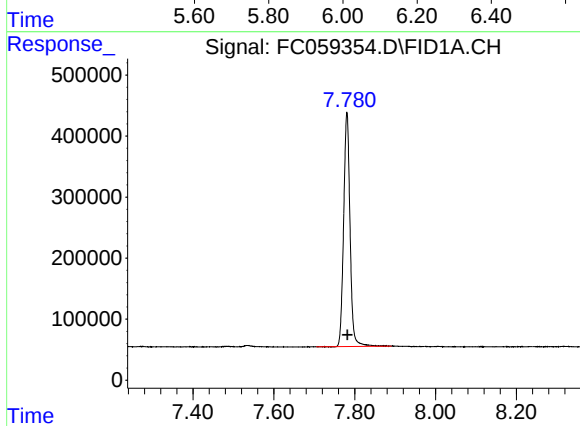
#2 n-Decane (C10)

R.T.: 4.002 min
Delta R.T.: -0.003 min
Response: 3366115
Conc: 26.94 ug/ml



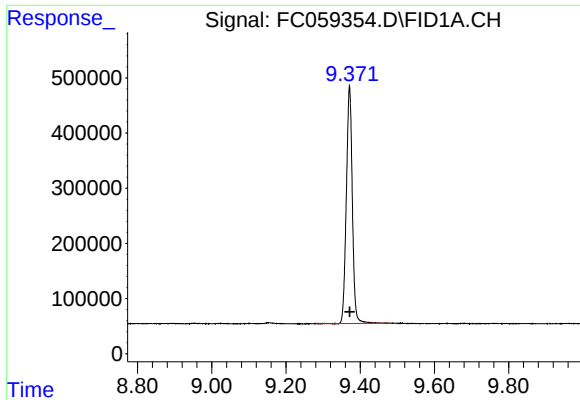
#4 n-Dodecane (C12)

R.T.: 5.999 min
Delta R.T.: -0.002 min
Response: 3952531
Conc: 29.97 ug/ml



#6 n-Tetradecane (C14)

R.T.: 7.781 min
Delta R.T.: -0.001 min
Response: 4194489
Conc: 31.01 ug/ml



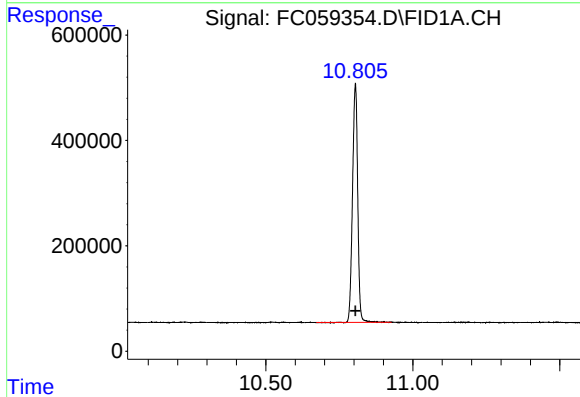
#7 n-Hexadecane (C16)

R.T.: 9.371 min
Delta R.T.: 0.000 min
Response: 4818166
Conc: 34.31 ug/ml

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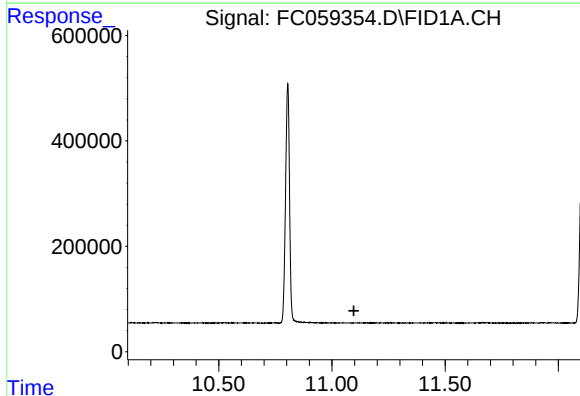
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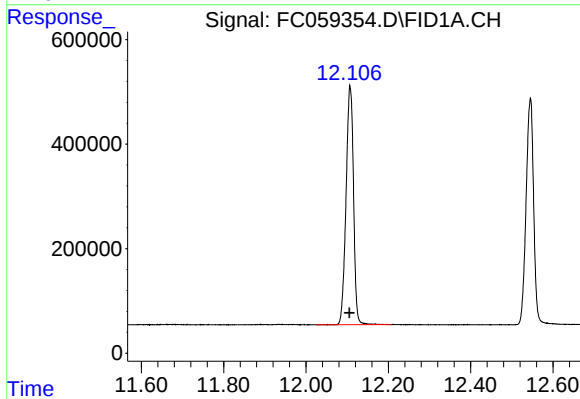
#8 n-Octadecane (C18)

R.T.: 10.805 min
Delta R.T.: 0.000 min
Response: 5563171
Conc: 38.08 ug/ml



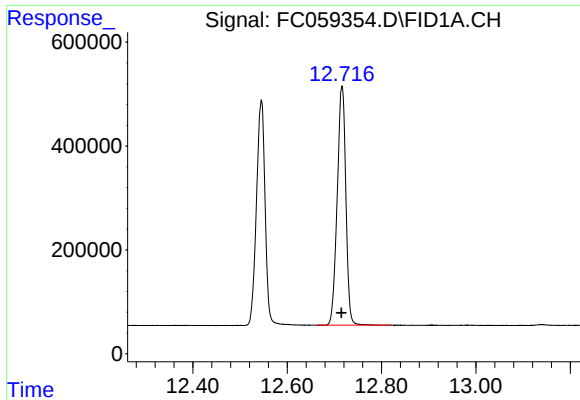
#9 ortho-Terphenyl (SURR)

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



#10 n-Eicosane (C20)

R.T.: 12.107 min
Delta R.T.: 0.002 min
Response: 5740941
Conc: 38.28 ug/ml



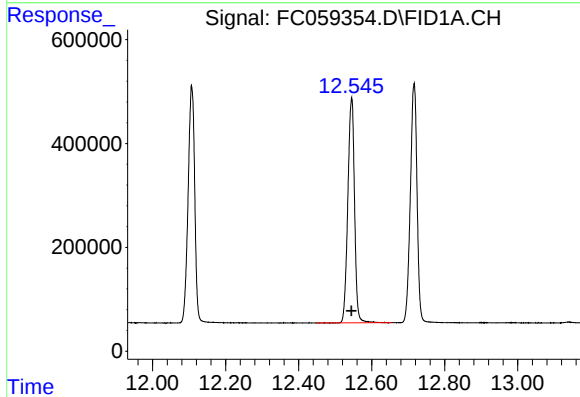
#11 n-Heneicosane (C21)

R.T.: 12.716 min
Delta R.T.: 0.001 min
Response: 5864778
Conc: 38.56 ug/ml

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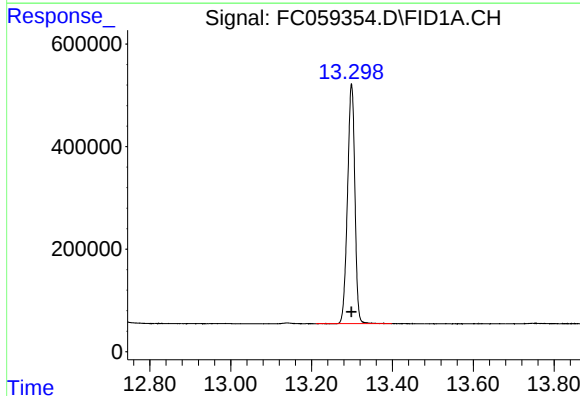
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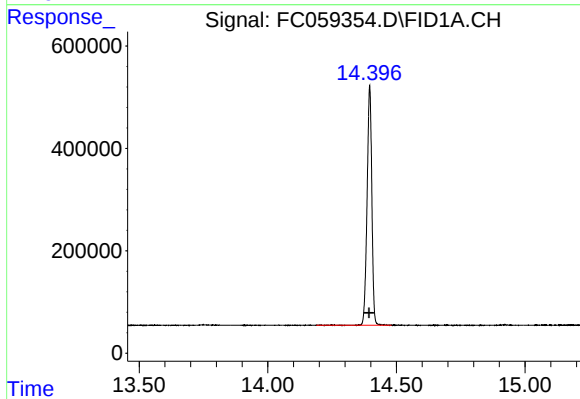
#12 1-chlorooctadecane (SURR)

R.T.: 12.545 min
Delta R.T.: 0.000 min
Response: 5511380
Conc: 42.21 ug/ml



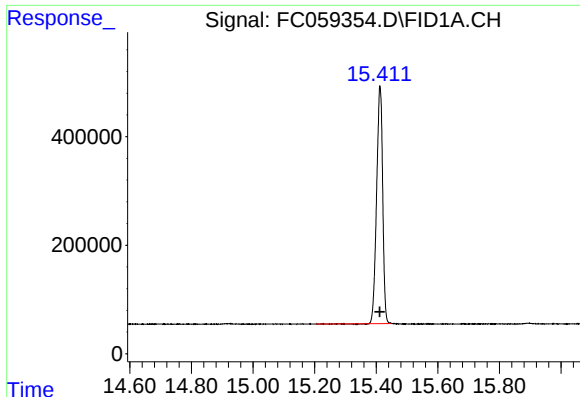
#13 n-Docosane (C22)

R.T.: 13.299 min
Delta R.T.: 0.000 min
Response: 5909357
Conc: 38.57 ug/ml



#14 n-Tetracosane (C24)

R.T.: 14.396 min
Delta R.T.: 0.002 min
Response: 5982060
Conc: 38.63 ug/ml



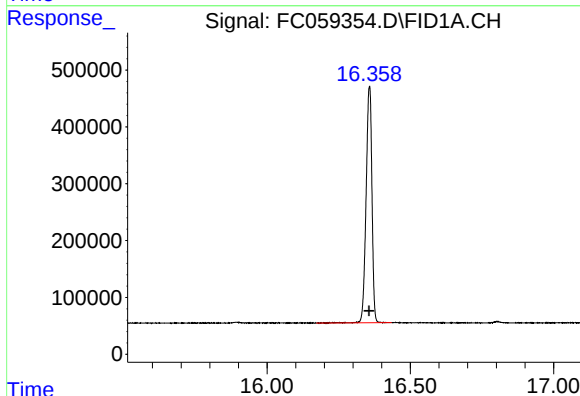
#15 n-Hexacosane (C26)

R.T.: 15.412 min
Delta R.T.: 0.001 min
Response: 5959807
Conc: 38.67 ug/ml

Instrument :
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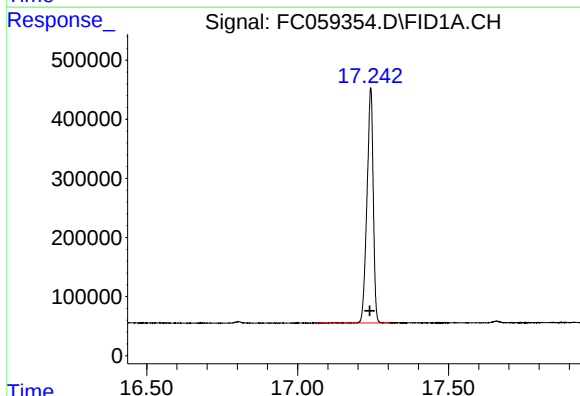
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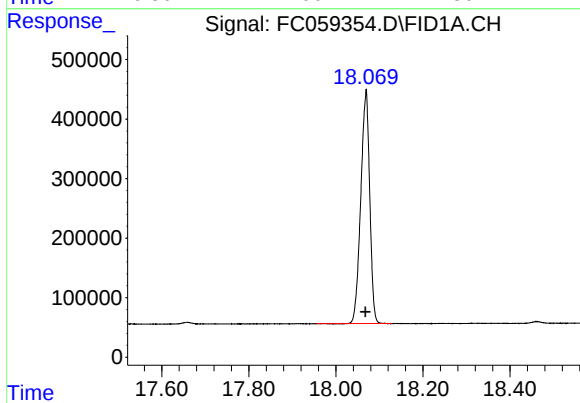
#16 n-Octacosane (C28)

R.T.: 16.357 min
Delta R.T.: 0.000 min
Response: 5888573
Conc: 38.04 ug/ml



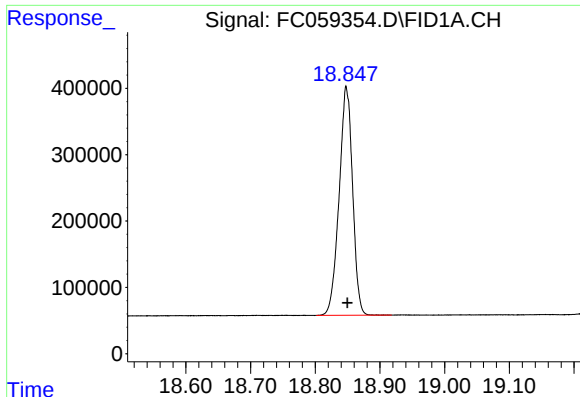
#17 n-Tricontane (C30)

R.T.: 17.242 min
Delta R.T.: 0.003 min
Response: 5721141
Conc: 37.67 ug/ml



#18 n-Dotriacontane (C32)

R.T.: 18.069 min
Delta R.T.: 0.000 min
Response: 5580124
Conc: 39.60 ug/ml



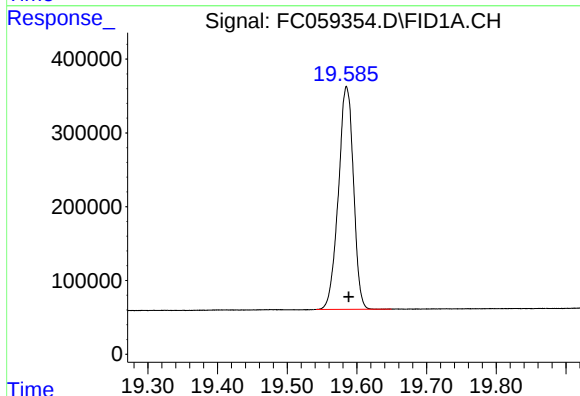
#19 n-Tetratriacontane (C34)

R.T.: 18.848 min
Delta R.T.: -0.001 min
Response: 4983908
Conc: 39.43 ug/ml

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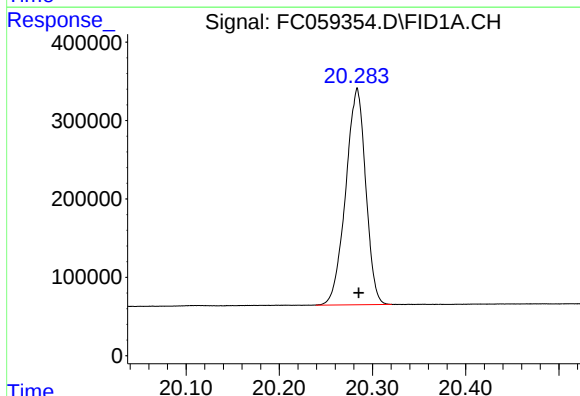
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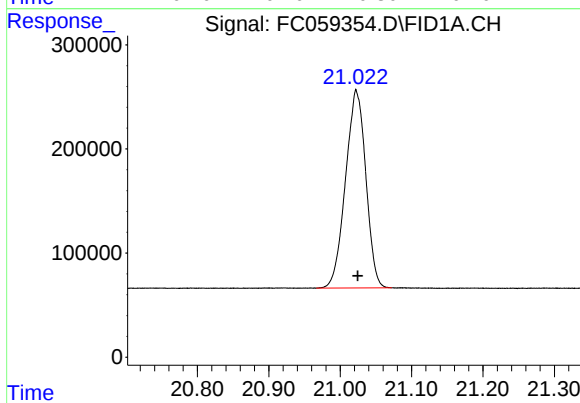
#20 n-Hexatriacontane (C36)

R.T.: 19.585 min
Delta R.T.: -0.003 min
Response: 4542651
Conc: 41.53 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.283 min
Delta R.T.: -0.002 min
Response: 4112266
Conc: 44.16 ug/ml m



#22 n-Tetracontane (C40)

R.T.: 21.022 min
Delta R.T.: -0.003 min
Response: 3754691
Conc: 44.95 ug/ml m