

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC042522AL\
 Data File : FC059424.D
 Signal(s) : FID1A.CH
 Acq On : 26 Apr 2022 4:14
 Operator : UA/NP
 Sample : N2548-07MS
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 TP-9MS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 04/26/2022
 Supervised By :mohammad ahmed 04/27/2022

Integration File: sample.E
 Quant Time: Apr 26 06:10:45 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			
9) S ortho-Terphenyl (SURR)	11.100	5752163	35.796 ug/ml
Spiked Amount 50.000		Recovery =	71.59%
12) S 1-chlorooctadecane (S...	12.545	4664612	35.721 ug/ml
Spiked Amount 50.000		Recovery =	71.44%
Target Compounds			
1) T n-Nonane (C9)	2.969	4622947	36.886 ug/ml
2) T n-Decane (C10)	4.008	5327309	42.641 ug/ml
3) T A~Naphthalene (C11.7)	5.552	6362388	51.867 ug/ml
4) T n-Dodecane (C12)	6.002	6129231	46.480 ug/ml
5) T A~2-methylnaphthalene...	6.600	6661836	52.786 ug/ml
6) T n-Tetradecane (C14)	7.786	6643575	49.116 ug/ml
7) T n-Hexadecane (C16)	9.375	6922454	49.290 ug/ml
8) T n-Octadecane (C18)	10.809	7275585	49.807 ug/ml
10) T n-Eicosane (C20)	12.112	6961649	46.420 ug/mlm
11) T n-Heneicosane (C21)	12.719	6906330	45.403 ug/ml
13) T n-Docosane (C22)	13.302	6822589	44.527 ug/ml
14) T n-Tetracosane (C24)	14.399	7176874	46.350 ug/ml
15) T n-Hexacosane (C26)	15.418	6161549	39.979 ug/ml
16) T n-Octacosane (C28)	16.361	5969219	38.560 ug/ml
17) T n-Tricontane (C30)	17.250	5394826	35.518 ug/mlm
18) T n-Dotriacontane (C32)	18.075	5361157	38.049 ug/ml
19) T n-Tetratriacontane (C34)	18.857	4919576	38.925 ug/ml
20) T n-Hexatriacontane (C36)	19.595	4697599	42.948 ug/ml
21) T n-Octatriacontane (C38)	20.292	4577747	49.153 ug/ml
22) T n-Tetracontane (C40)	21.034	4523912	54.161 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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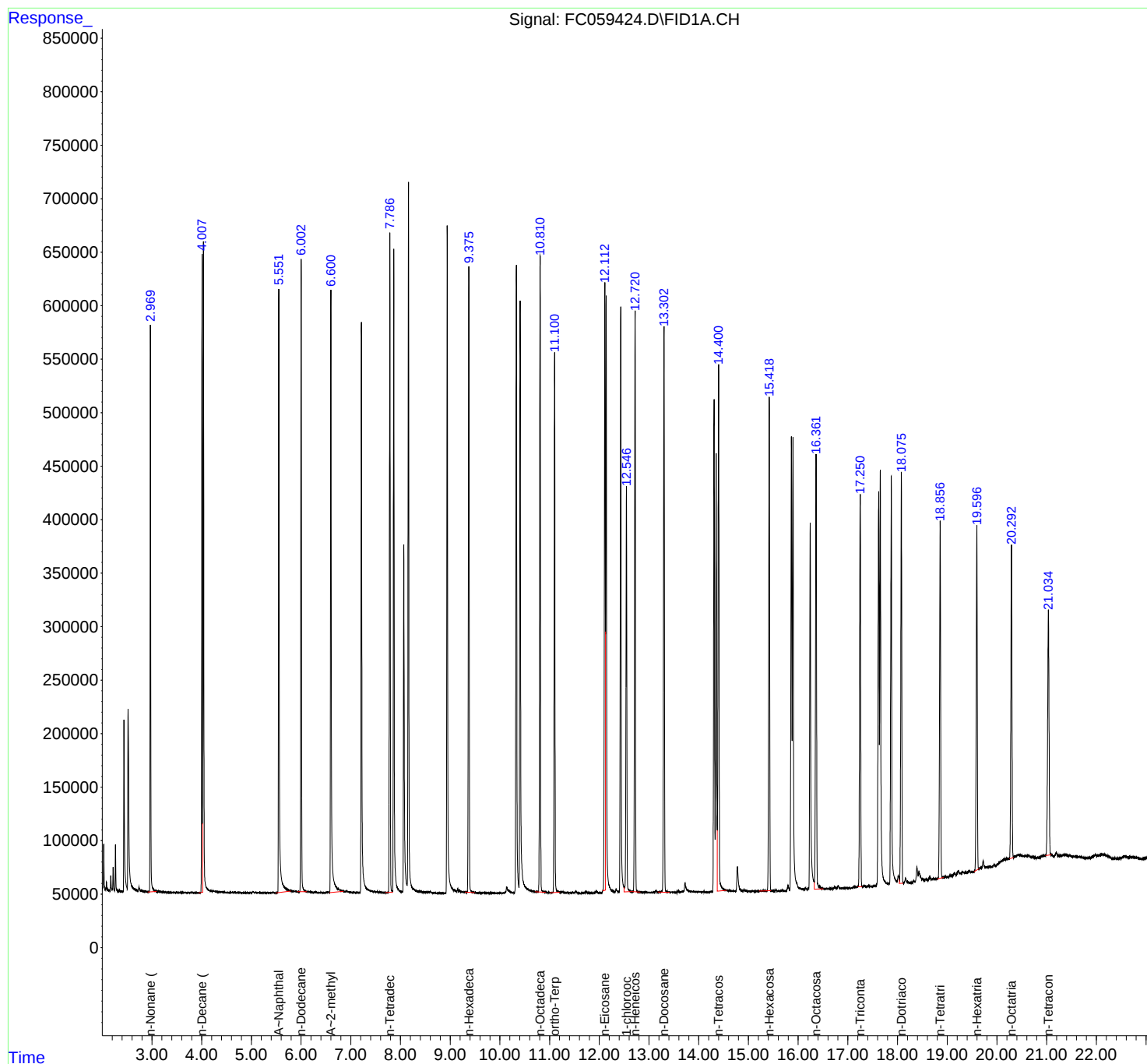
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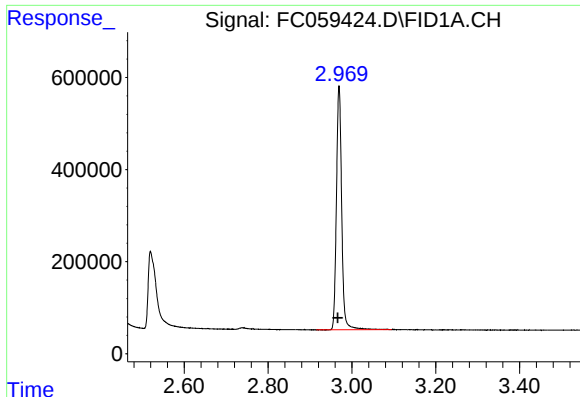
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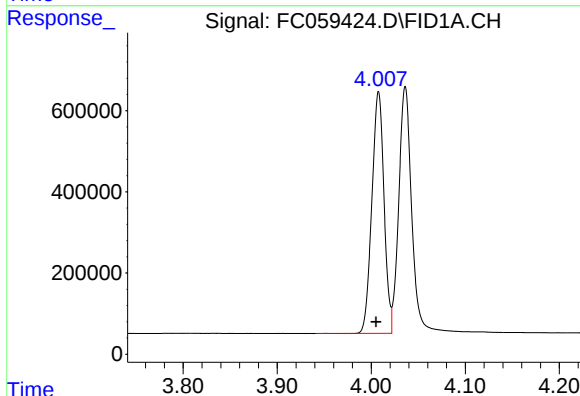
#1 n-Nonane (C9)

R.T.: 2.969 min
Delta R.T.: 0.003 min
Response: 4622947
Conc: 36.89 ug/ml

Instrument :
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ClientSampleId :
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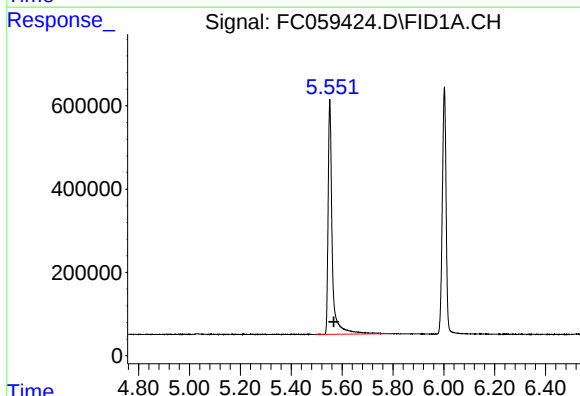
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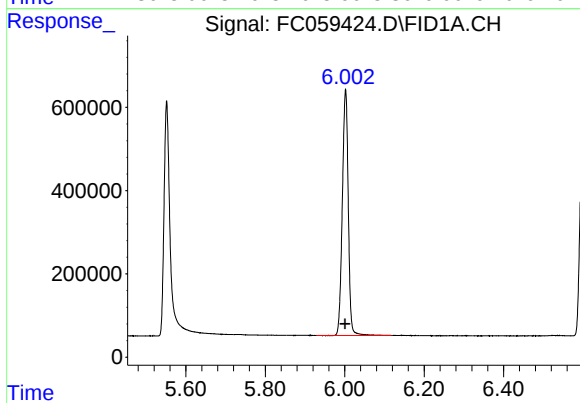
#2 n-Decane (C10)

R.T.: 4.008 min
Delta R.T.: 0.003 min
Response: 5327309
Conc: 42.64 ug/ml



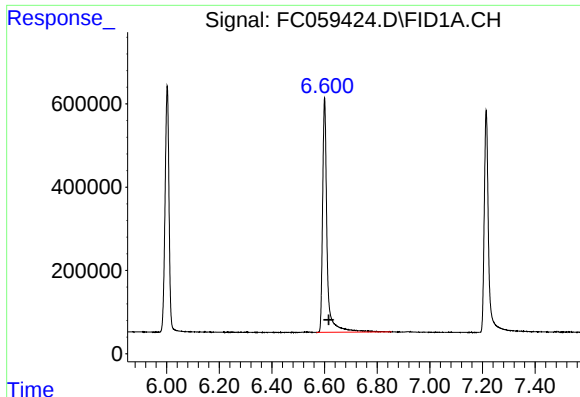
#3 A~Naphthalene (C11.7)

R.T.: 5.552 min
Delta R.T.: -0.015 min
Response: 6362388
Conc: 51.87 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.002 min
Delta R.T.: 0.001 min
Response: 6129231
Conc: 46.48 ug/ml



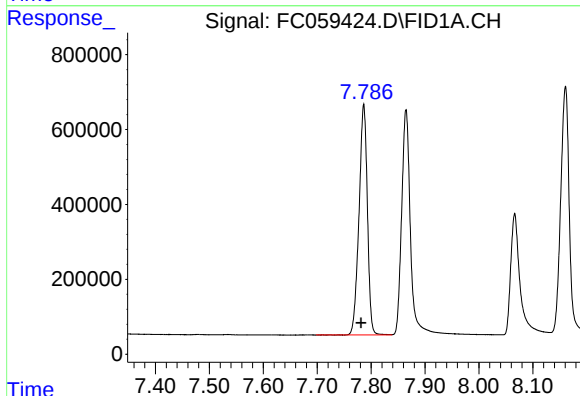
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.600 min
Delta R.T.: -0.016 min
Response: 6661836
Conc: 52.79 ug/ml

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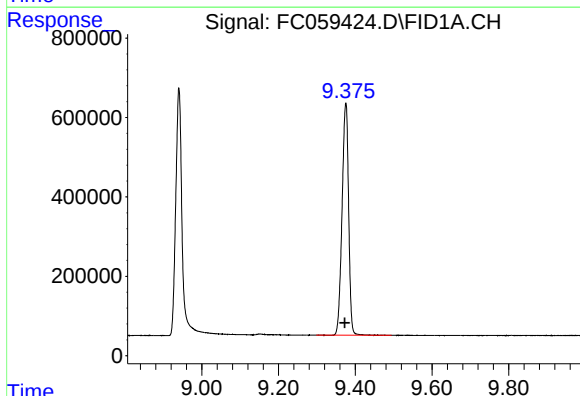
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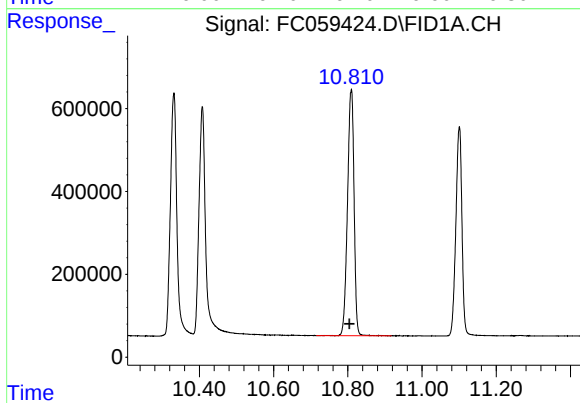
#6 n-Tetradecane (C14)

R.T.: 7.786 min
Delta R.T.: 0.004 min
Response: 6643575
Conc: 49.12 ug/ml



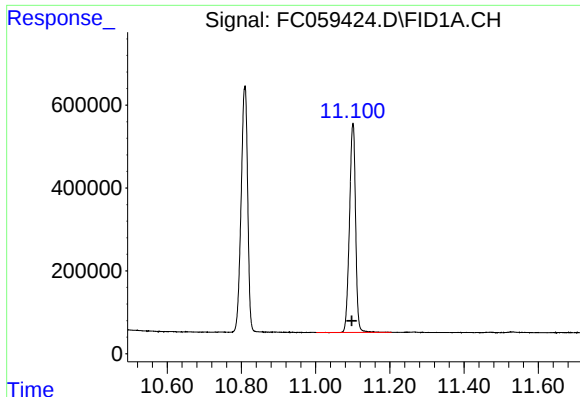
#7 n-Hexadecane (C16)

R.T.: 9.375 min
Delta R.T.: 0.002 min
Response: 6922454
Conc: 49.29 ug/ml



#8 n-Octadecane (C18)

R.T.: 10.809 min
Delta R.T.: 0.004 min
Response: 7275585
Conc: 49.81 ug/ml



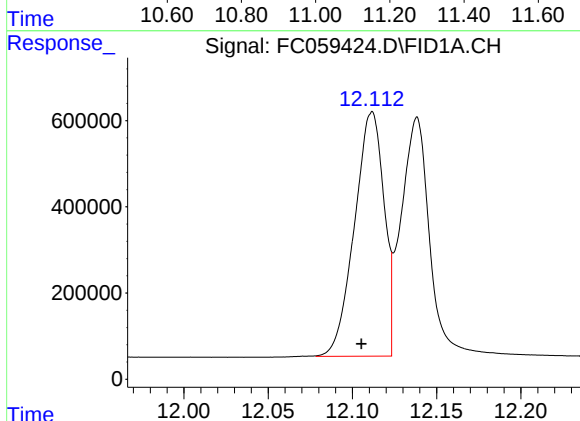
#9 ortho-Terphenyl (SURR)

R.T.: 11.100 min
Delta R.T.: 0.003 min
Response: 5752163
Conc: 35.80 ug/ml

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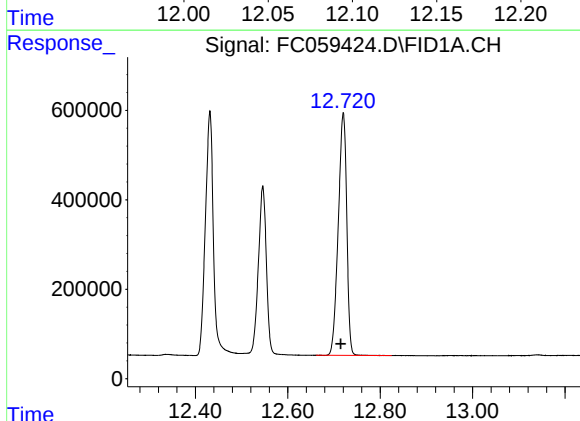
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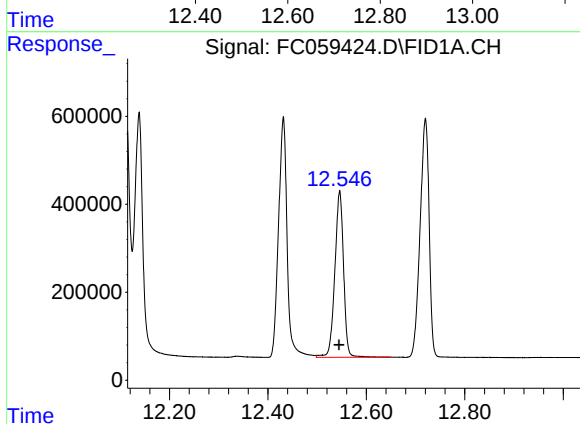
#10 n-Eicosane (C20)

R.T.: 12.112 min
Delta R.T.: 0.006 min
Response: 6961649
Conc: 46.42 ug/ml m



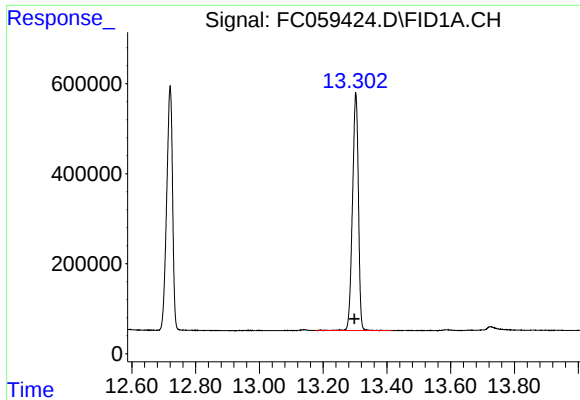
#11 n-Heneicosane (C21)

R.T.: 12.719 min
Delta R.T.: 0.005 min
Response: 6906330
Conc: 45.40 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.545 min
Delta R.T.: 0.001 min
Response: 4664612
Conc: 35.72 ug/ml



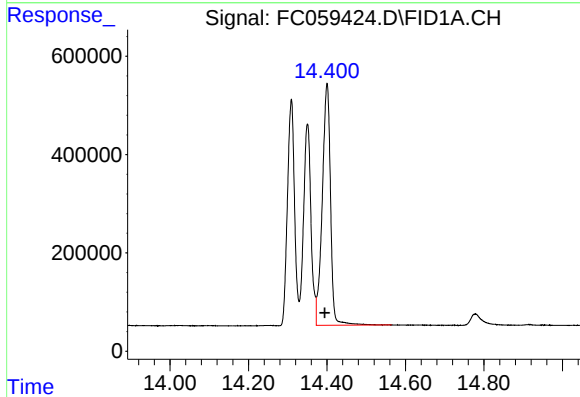
#13 n-Docosane (C22)

R.T.: 13.302 min
Delta R.T.: 0.004 min
Response: 6822589
Conc: 44.53 ug/ml

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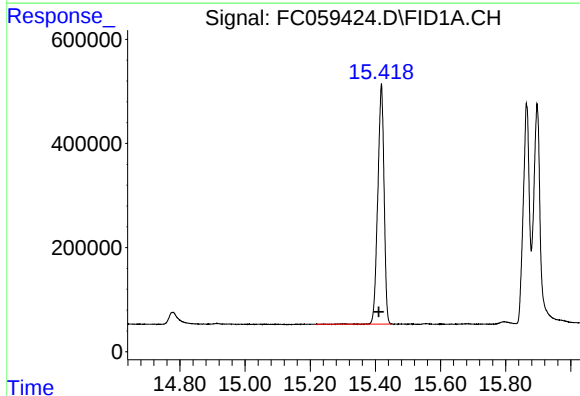
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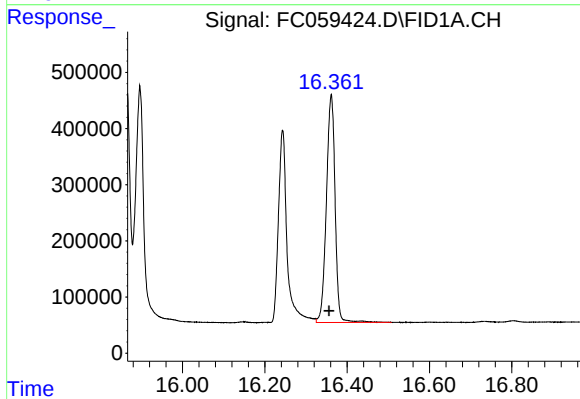
#14 n-Tetracosane (C24)

R.T.: 14.399 min
Delta R.T.: 0.005 min
Response: 7176874
Conc: 46.35 ug/ml



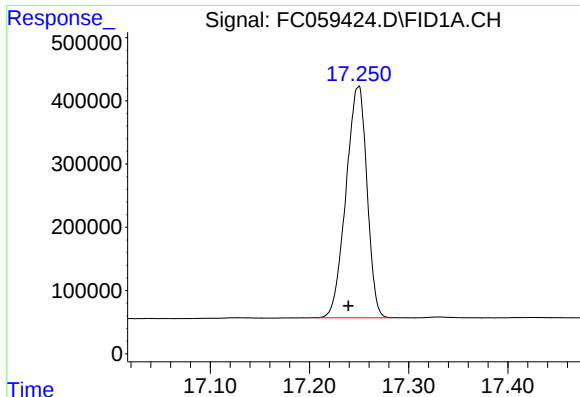
#15 n-Hexacosane (C26)

R.T.: 15.418 min
Delta R.T.: 0.007 min
Response: 6161549
Conc: 39.98 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.361 min
Delta R.T.: 0.005 min
Response: 5969219
Conc: 38.56 ug/ml



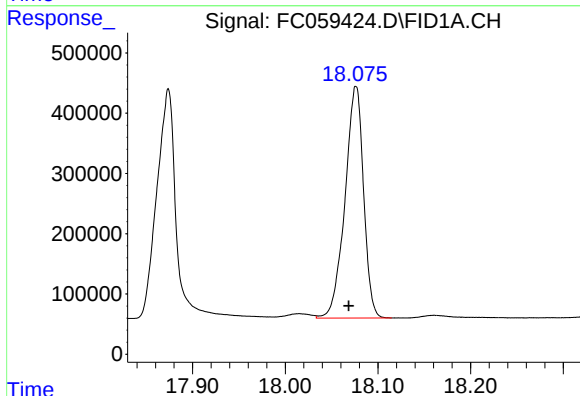
#17 n-Tricontane (C30)

R.T.: 17.250 min
Delta R.T.: 0.011 min
Response: 5394826
Conc: 35.52 ug/ml

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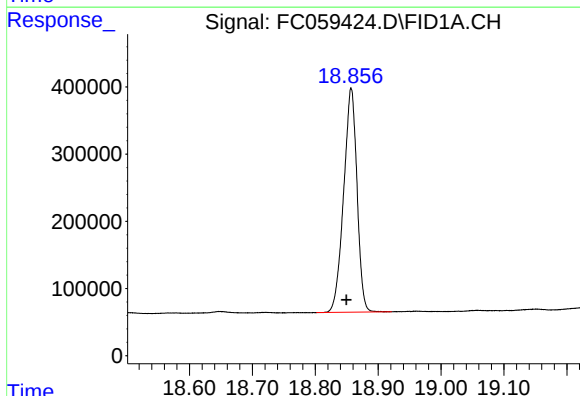
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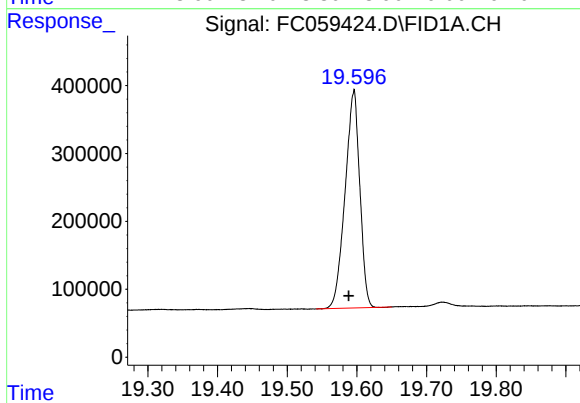
#18 n-Dotriacontane (C32)

R.T.: 18.075 min
Delta R.T.: 0.007 min
Response: 5361157
Conc: 38.05 ug/ml



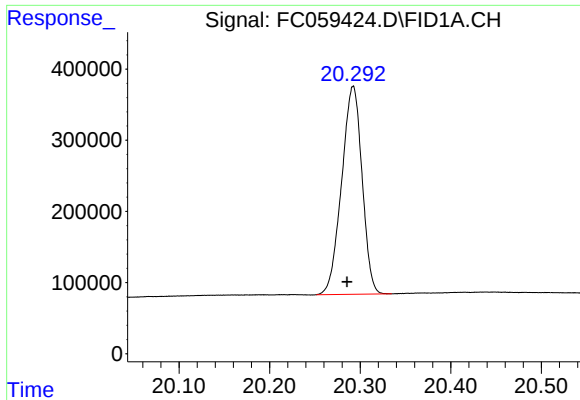
#19 n-Tetratriacontane (C34)

R.T.: 18.857 min
Delta R.T.: 0.007 min
Response: 4919576
Conc: 38.92 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 19.595 min
Delta R.T.: 0.006 min
Response: 4697599
Conc: 42.95 ug/ml



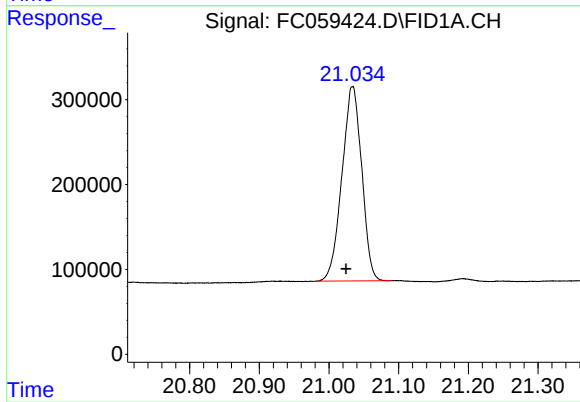
#21 n-Octatriacontane (C38)

R.T.: 20.292 min
Delta R.T.: 0.006 min
Response: 4577747
Conc: 49.15 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.034 min
Delta R.T.: 0.009 min
Response: 4523912
Conc: 54.16 ug/ml