

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC041122AL\
 Data File : FC059168.D
 Signal(s) : FID1A.CH
 Acq On : 11 Apr 2022 14:51
 Operator : UA/NP
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: Apr 12 02:14:10 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 032522.M
 Quant Title : GC Extractables
 QLast Update : Fri Mar 25 23:18:46 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)	11.098	2973121	20.635 ug/ml
Spiked Amount 50.000		Recovery =	41.27%
12) S 1-chlorooctadecane (S...	12.545	2295032	20.474 ug/ml
Spiked Amount 50.000		Recovery =	40.95%
Target Compounds			
1) T n-Nonane (C9)	2.963	2715197	22.157 ug/ml
2) T n-Decane (C10)	4.004	2716036	22.164 ug/ml
3) T A~Naphthalene (C11.7)	5.552	2719918	21.663 ug/ml
4) T n-Dodecane (C12)	6.001	2823538	22.106 ug/ml
5) T A~2-methylnaphthalene...	6.599	2752920	21.474 ug/ml
6) T n-Tetradecane (C14)	7.783	2817721	21.671 ug/ml
7) T n-Hexadecane (C16)	9.374	2810819	21.167 ug/ml
8) T n-Octadecane (C18)	10.807	2790623	20.989 ug/ml
10) T n-Eicosane (C20)	12.109	2718825	20.751 ug/ml
11) T n-Heneicosane (C21)	12.718	2705323	20.734 ug/ml
13) T n-Docosane (C22)	13.299	2672532	20.630 ug/ml
14) T n-Tetracosane (C24)	14.397	2590258	20.505 ug/ml
15) T n-Hexacosane (C26)	15.413	2501381	20.708 ug/ml
16) T n-Octacosane (C28)	16.359	2477004	20.919 ug/ml
17) T n-Tricontane (C30)	17.242	2435367	21.348 ug/ml
18) T n-Dotriacontane (C32)	18.072	2337980	21.824 ug/ml
19) T n-Tetratriacontane (C34)	18.851	2229799	22.069 ug/ml
20) T n-Hexatriacontane (C36)	19.589	2107056	22.052 ug/ml
21) T n-Octatriacontane (C38)	20.286	1998089	21.714 ug/ml
22) T n-Tetracontane (C40)	21.027	1984447	21.352 ug/ml

(f)=RT Delta > 1/2 Window

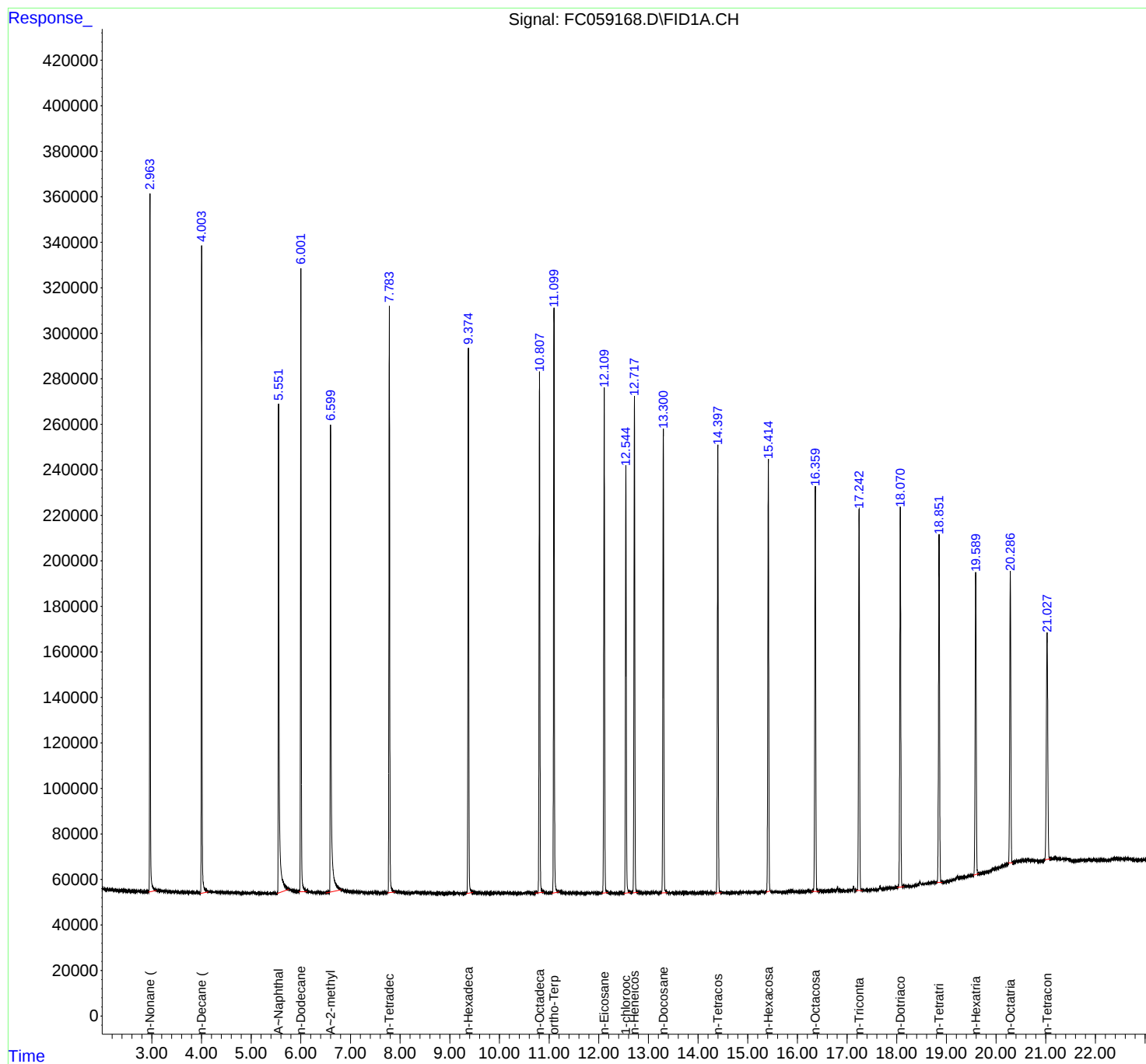
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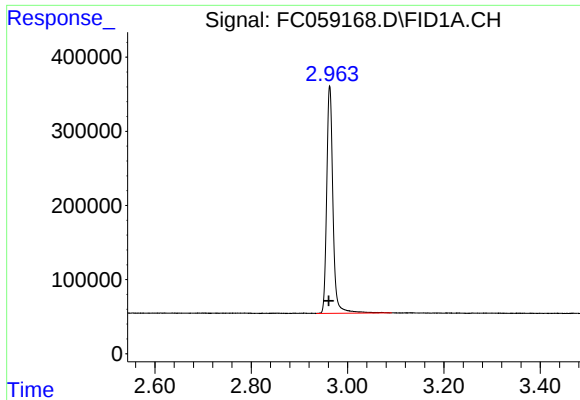
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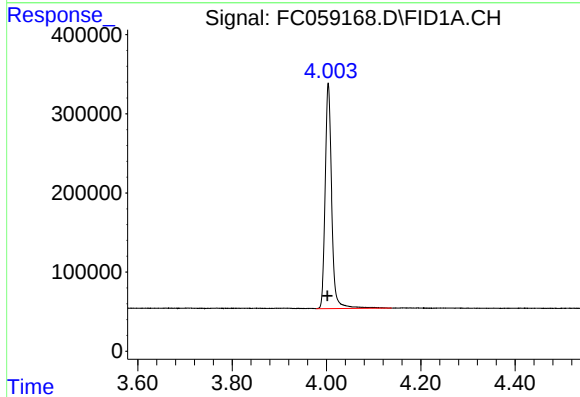




#1 n-Nonane (C9)

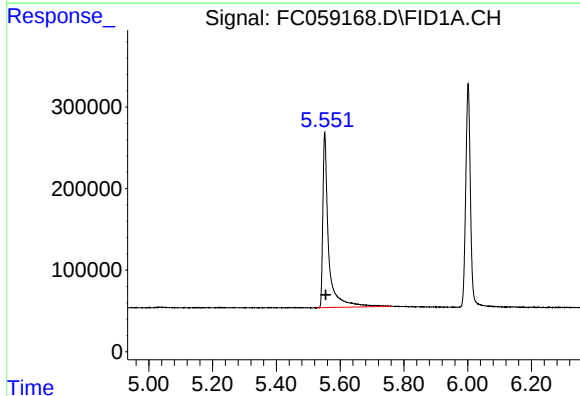
R.T.: 2.963 min
Delta R.T.: 0.002 min
Response: 2715197
Conc: 22.16 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



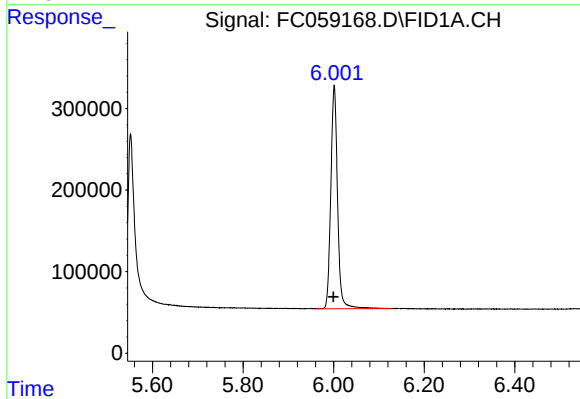
#2 n-Decane (C10)

R.T.: 4.004 min
Delta R.T.: 0.002 min
Response: 2716036
Conc: 22.16 ug/ml



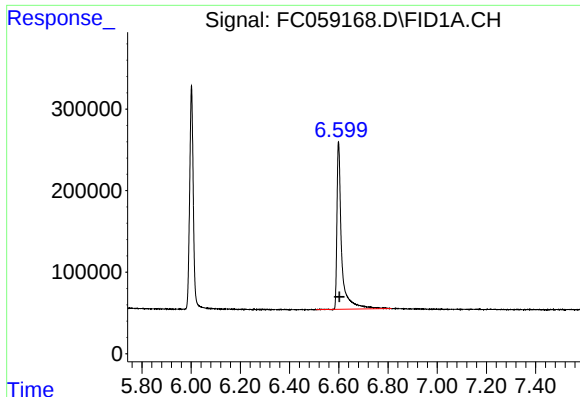
#3 A~Naphthalene (C11.7)

R.T.: 5.552 min
Delta R.T.: -0.003 min
Response: 2719918
Conc: 21.66 ug/ml



#4 n-Dodecane (C12)

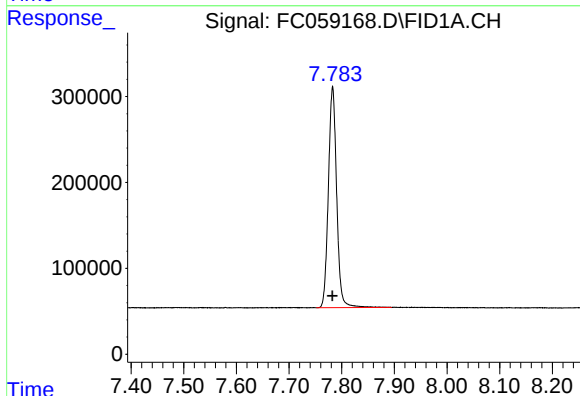
R.T.: 6.001 min
Delta R.T.: 0.001 min
Response: 2823538
Conc: 22.11 ug/ml



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

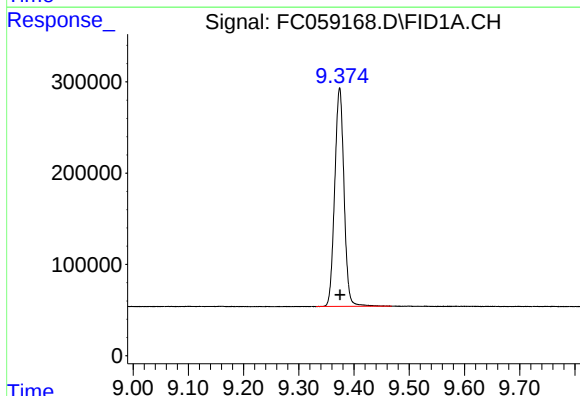
R.T.: 6.599 min
Delta R.T.: -0.003 min
Response: 2752920
Conc: 21.47 ug/ml

Instrument :
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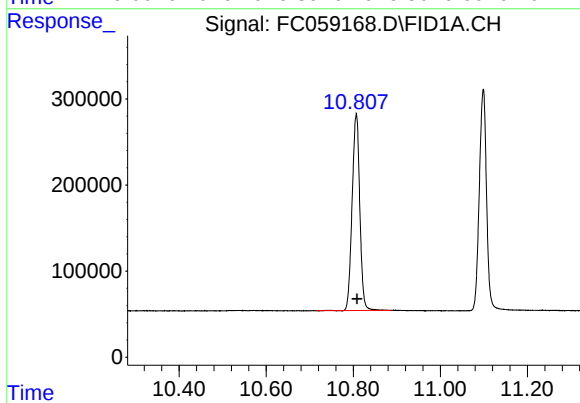
#6 n-Tetradecane (C14)

R.T.: 7.783 min
Delta R.T.: 0.000 min
Response: 2817721
Conc: 21.67 ug/ml



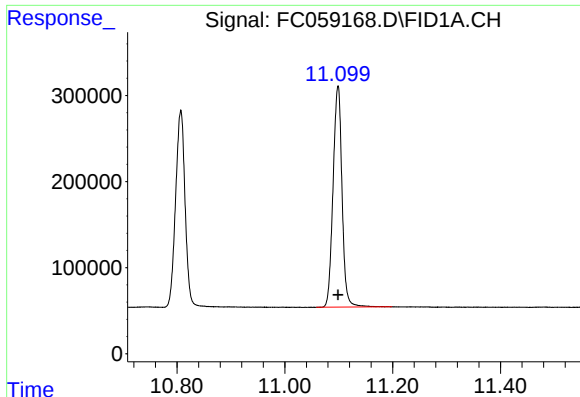
#7 n-Hexadecane (C16)

R.T.: 9.374 min
Delta R.T.: 0.000 min
Response: 2810819
Conc: 21.17 ug/ml



#8 n-Octadecane (C18)

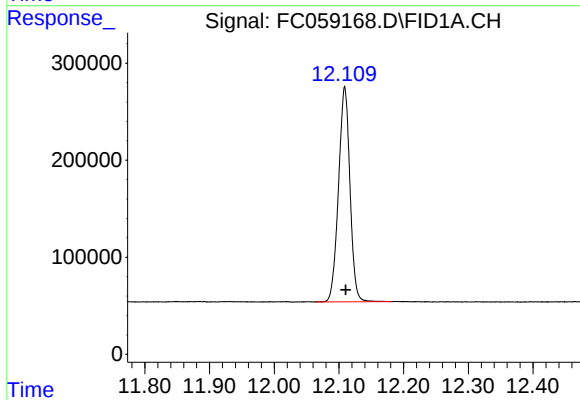
R.T.: 10.807 min
Delta R.T.: -0.002 min
Response: 2790623
Conc: 20.99 ug/ml



#9 ortho-Terphenyl (SURR)

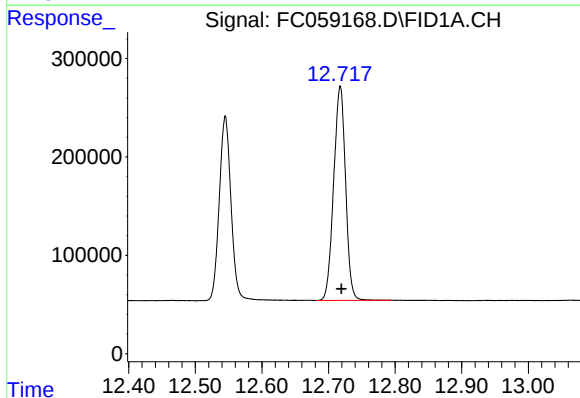
R.T.: 11.098 min
Delta R.T.: 0.000 min
Response: 2973121
Conc: 20.63 ug/ml

Instrument :
FID_C
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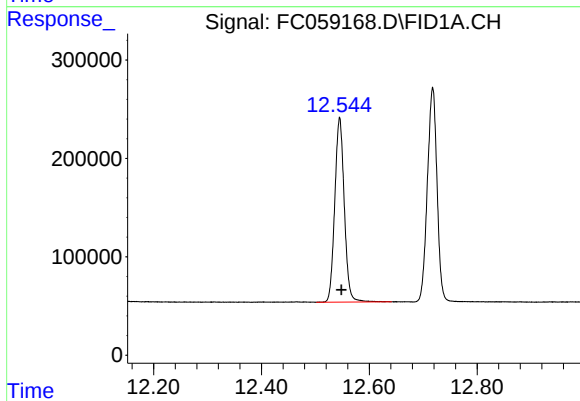
#10 n-Eicosane (C20)

R.T.: 12.109 min
Delta R.T.: -0.002 min
Response: 2718825
Conc: 20.75 ug/ml



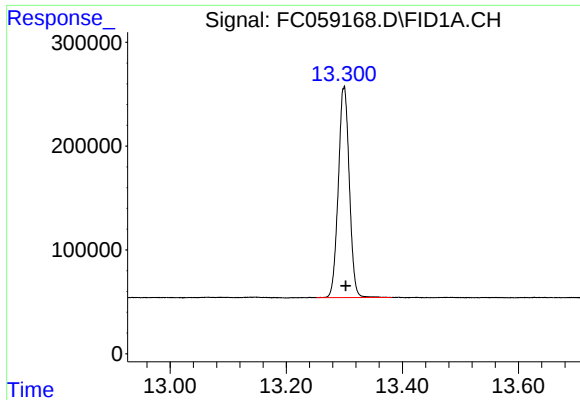
#11 n-Heneicosane (C21)

R.T.: 12.718 min
Delta R.T.: -0.002 min
Response: 2705323
Conc: 20.73 ug/ml



#12 1-chlorooctadecane (SURR)

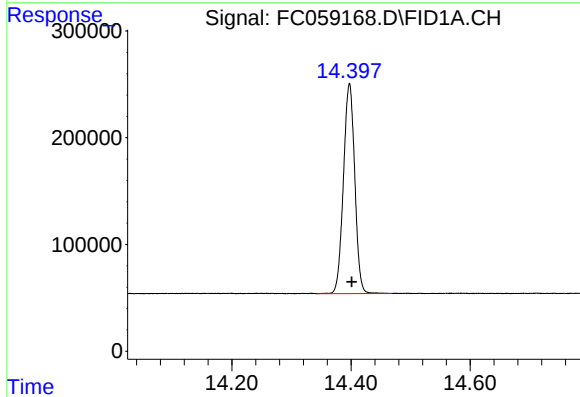
R.T.: 12.545 min
Delta R.T.: -0.004 min
Response: 2295032
Conc: 20.47 ug/ml



#13 n-Docosane (C22)

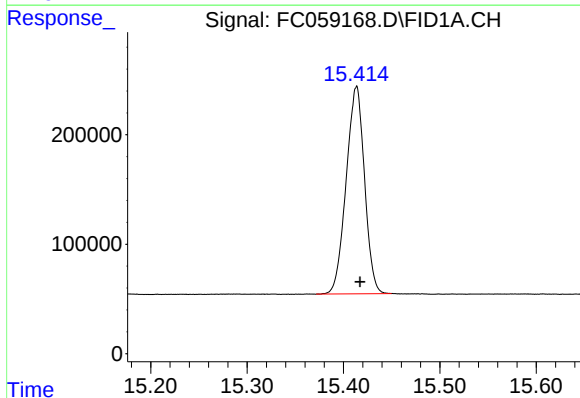
R.T.: 13.299 min
Delta R.T.: -0.003 min
Response: 2672532
Conc: 20.63 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



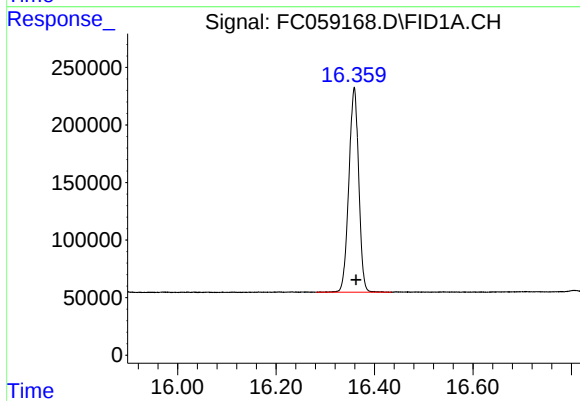
#14 n-Tetracosane (C24)

R.T.: 14.397 min
Delta R.T.: -0.004 min
Response: 2590258
Conc: 20.50 ug/ml



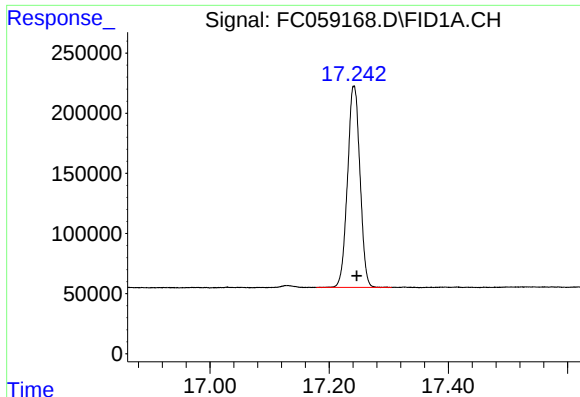
#15 n-Hexacosane (C26)

R.T.: 15.413 min
Delta R.T.: -0.004 min
Response: 2501381
Conc: 20.71 ug/ml



#16 n-Octacosane (C28)

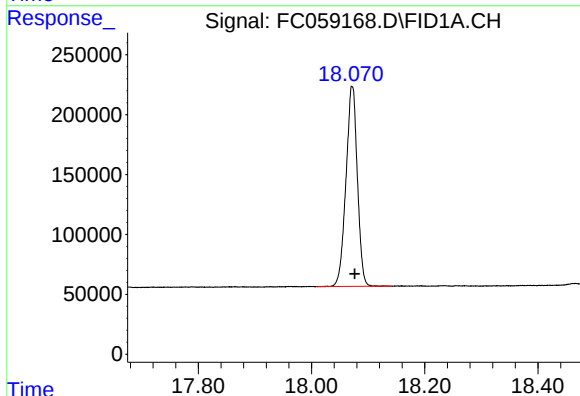
R.T.: 16.359 min
Delta R.T.: -0.004 min
Response: 2477004
Conc: 20.92 ug/ml



#17 n-Tricontane (C30)

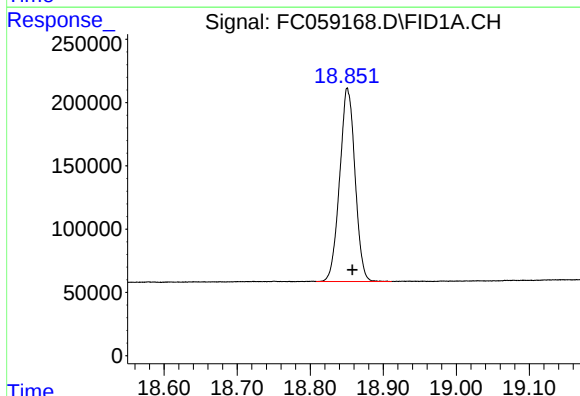
R.T.: 17.242 min
Delta R.T.: -0.004 min
Response: 2435367
Conc: 21.35 ug/ml

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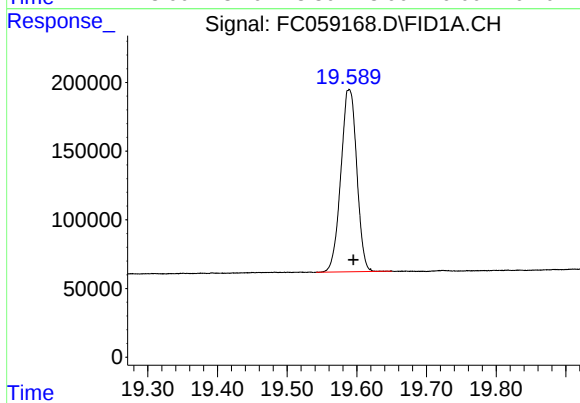
#18 n-Dotriacontane (C32)

R.T.: 18.072 min
Delta R.T.: -0.005 min
Response: 2337980
Conc: 21.82 ug/ml



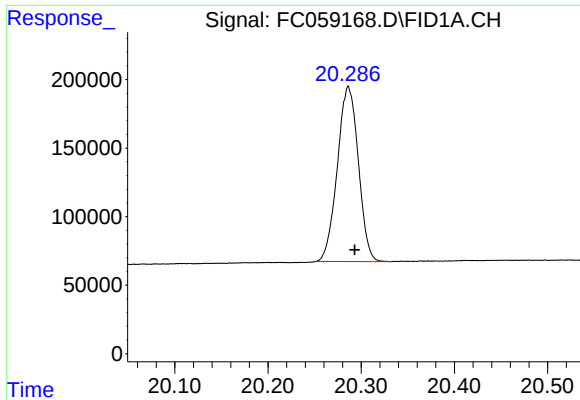
#19 n-Tetratriacontane (C34)

R.T.: 18.851 min
Delta R.T.: -0.007 min
Response: 2229799
Conc: 22.07 ug/ml



#20 n-Hexatriacontane (C36)

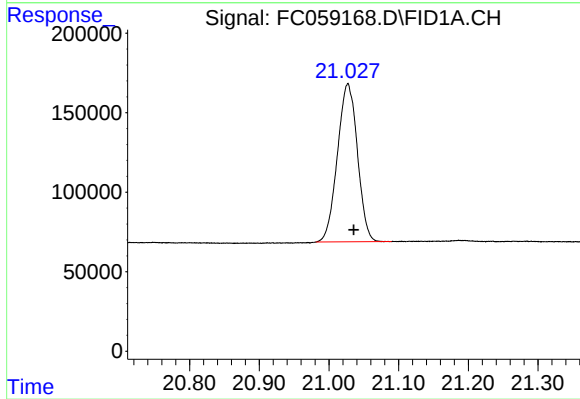
R.T.: 19.589 min
Delta R.T.: -0.006 min
Response: 2107056
Conc: 22.05 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.286 min
Delta R.T.: -0.007 min
Response: 1998089
Conc: 21.71 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 21.027 min
Delta R.T.: -0.009 min
Response: 1984447
Conc: 21.35 ug/ml