

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC100620AL\
 Data File : FC049952.D
 Signal(s) : FID1A.CH
 Acq On : 07 Oct 2020 4:49
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: Oct 07 05:33:54 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 100620.M
 Quant Title : GC Extractables
 QLast Update : Wed Oct 07 04:53:04 2020
 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)	11.647	2294691	20.472 ug/ml
Spiked Amount 50.000		Recovery =	40.94%
12) S 1-chlorooctadecane (S...	13.081	1782850	20.581 ug/ml
Spiked Amount 50.000		Recovery =	41.16%
Target Compounds			
1) T n-Nonane (C9)	3.386	2027131	20.456 ug/ml
2) T n-Decane (C10)	4.459	2039309	20.483 ug/ml
3) T A~Naphthalene (C11.7)	6.055	2265892	20.558 ug/ml
4) T n-Dodecane (C12)	6.482	2073232	20.547 ug/ml
5) T A~2-methylnaphthalene...	7.113	2300360	20.667 ug/ml
6) T n-Tetradecane (C14)	8.279	2058705	20.550 ug/ml
7) T n-Hexadecane (C16)	9.882	2027477	20.572 ug/ml
8) T n-Octadecane (C18)	11.324	2121269	20.540 ug/ml
10) T n-Eicosane (C20)	12.634	2136948	20.537 ug/ml
11) T n-Heneicosane (C21)	13.247	2133750	20.533 ug/ml
13) T n-Docosane (C22)	13.834	2131521	20.534 ug/ml
14) T n-Tetracosane (C24)	14.936	2130302	20.510 ug/ml
15) T n-Hexacosane (C26)	15.956	2112833	20.504 ug/ml
16) T n-Octacosane (C28)	16.903	2104861	20.338 ug/ml
17) T n-Tricontane (C30)	17.792	2060933	20.195 ug/ml
18) T n-Dotriacontane (C32)	18.623	1924867	20.037 ug/ml
19) T n-Tetratriacontane (C34)	19.405	1829119	19.942 ug/ml
20) T n-Hexatriacontane (C36)	20.142	1760734	19.878 ug/ml
21) T n-Octatriacontane (C38)	20.893	1653230	20.049 ug/ml
22) T n-Tetracontane (C40)	21.833	1660974	19.863 ug/ml

(f)=RT Delta > 1/2 Window

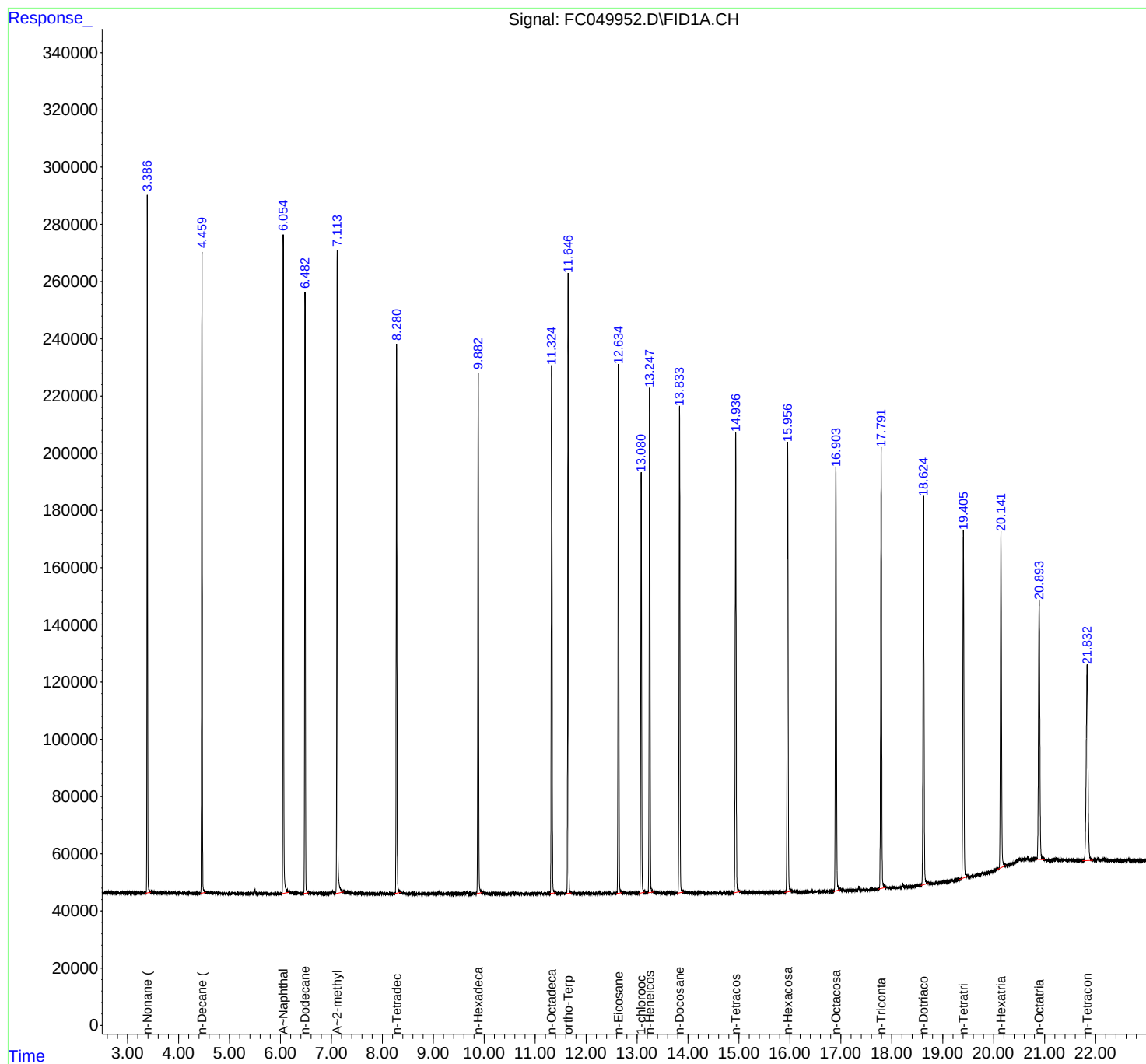
(m)=manual int.

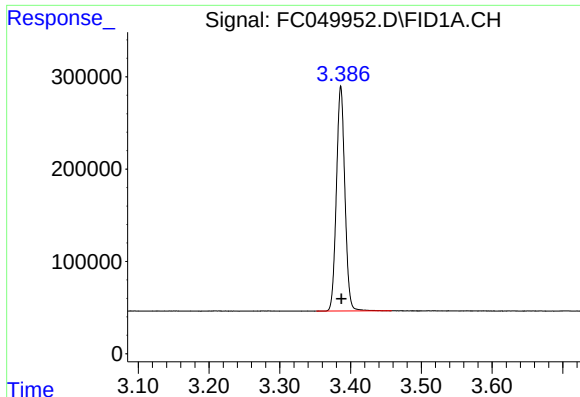
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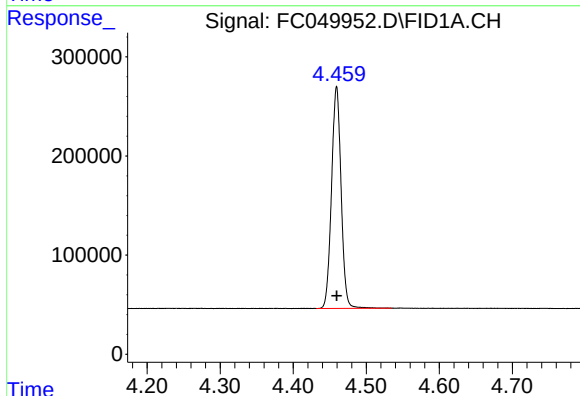




#1 n-Nonane (C9)

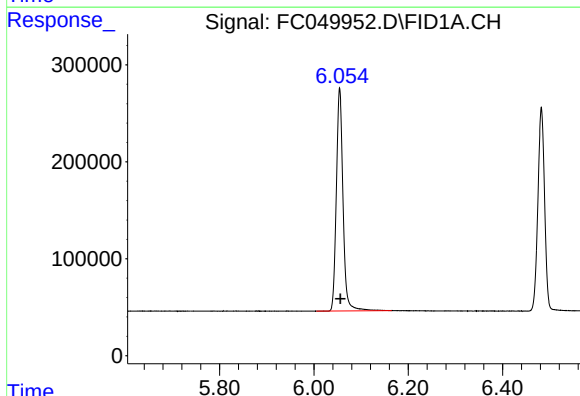
R.T.: 3.386 min
Delta R.T.: 0.000 min
Response: 2027131
Conc: 20.46 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



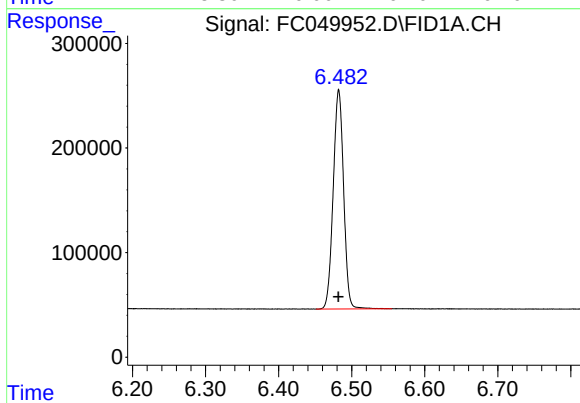
#2 n-Decane (C10)

R.T.: 4.459 min
Delta R.T.: 0.000 min
Response: 2039309
Conc: 20.48 ug/ml



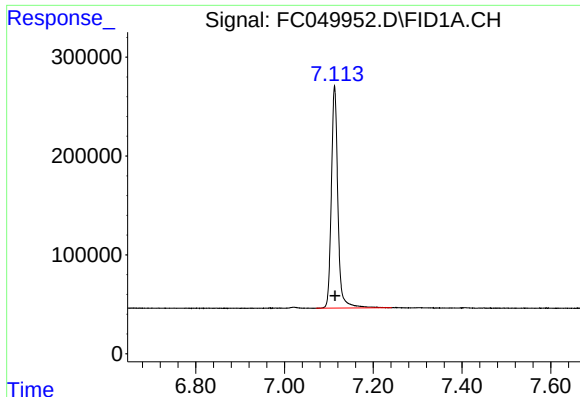
#3 A~Naphthalene (C11.7)

R.T.: 6.055 min
Delta R.T.: -0.001 min
Response: 2265892
Conc: 20.56 ug/ml



#4 n-Dodecane (C12)

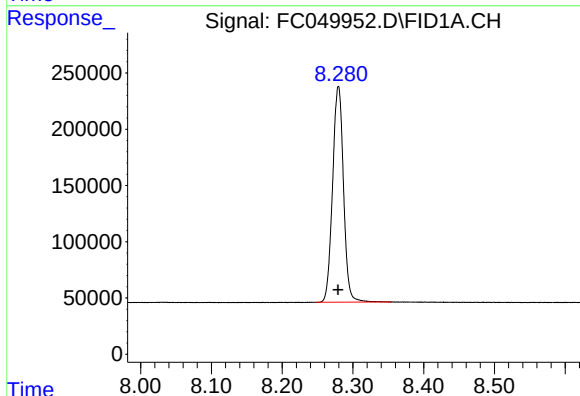
R.T.: 6.482 min
Delta R.T.: 0.000 min
Response: 2073232
Conc: 20.55 ug/ml



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

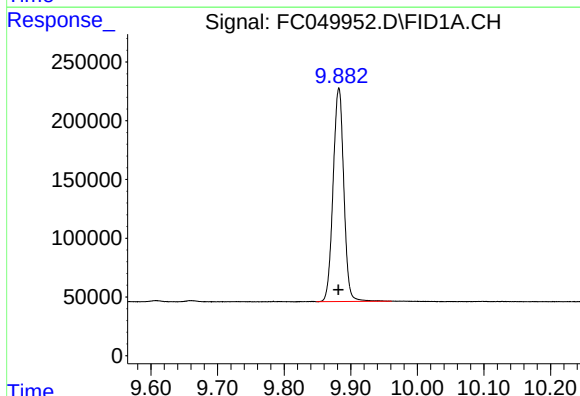
R.T.: 7.113 min
Delta R.T.: -0.001 min
Response: 2300360
Conc: 20.67 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



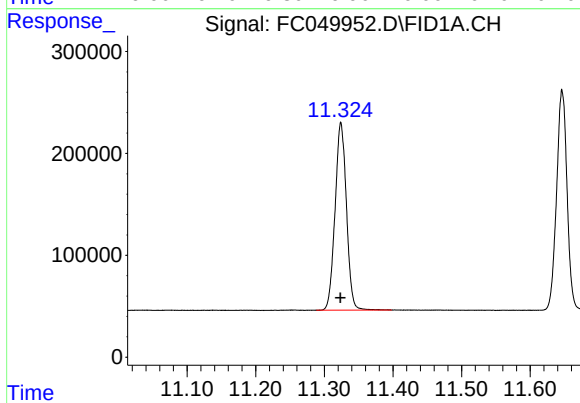
#6 n-Tetradecane (C14)

R.T.: 8.279 min
Delta R.T.: 0.000 min
Response: 2058705
Conc: 20.55 ug/ml



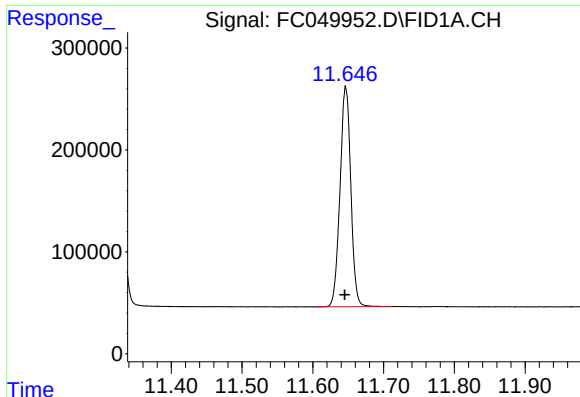
#7 n-Hexadecane (C16)

R.T.: 9.882 min
Delta R.T.: 0.000 min
Response: 2027477
Conc: 20.57 ug/ml



#8 n-Octadecane (C18)

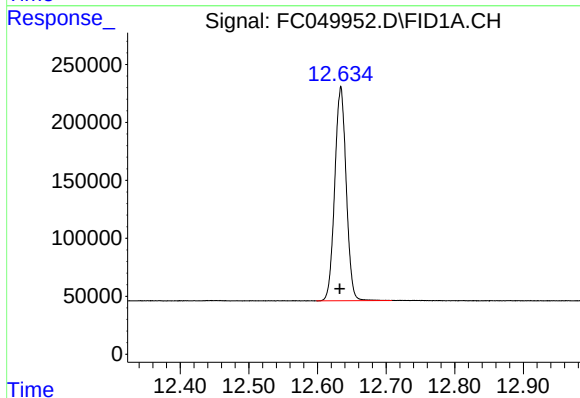
R.T.: 11.324 min
Delta R.T.: 0.001 min
Response: 2121269
Conc: 20.54 ug/ml



#9 ortho-Terphenyl (SURR)

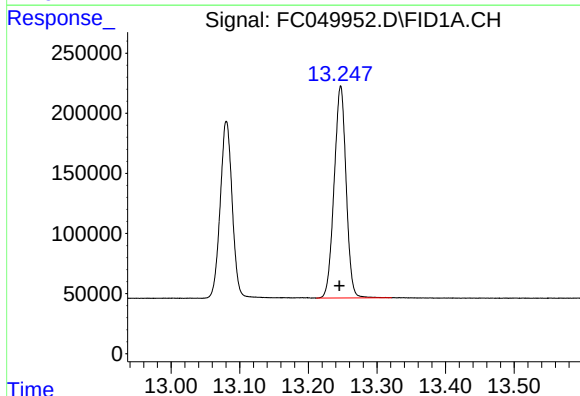
R.T.: 11.647 min
Delta R.T.: 0.002 min
Response: 2294691
Conc: 20.47 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



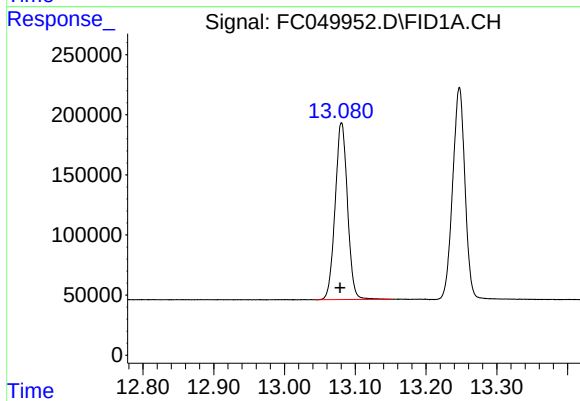
#10 n-Eicosane (C20)

R.T.: 12.634 min
Delta R.T.: 0.001 min
Response: 2136948
Conc: 20.54 ug/ml



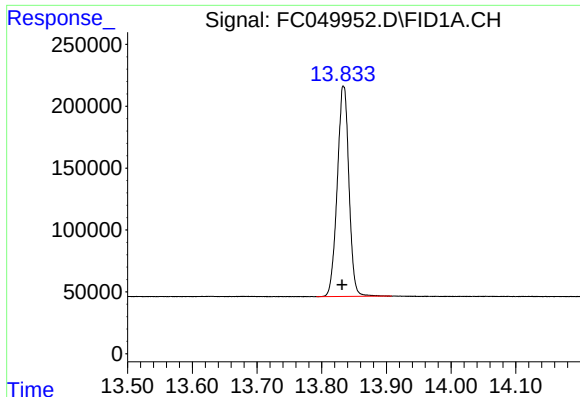
#11 n-Heneicosane (C21)

R.T.: 13.247 min
Delta R.T.: 0.002 min
Response: 2133750
Conc: 20.53 ug/ml



#12 1-chlorooctadecane (SURR)

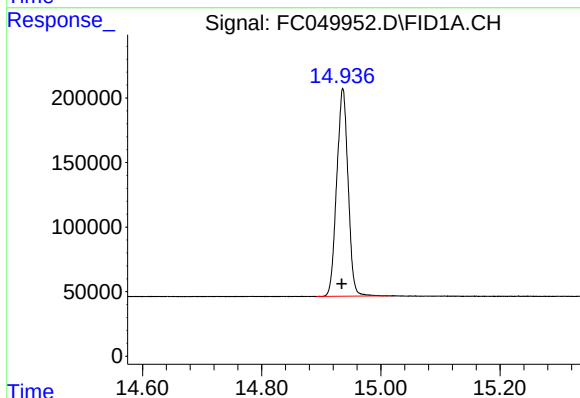
R.T.: 13.081 min
Delta R.T.: 0.002 min
Response: 1782850
Conc: 20.58 ug/ml



#13 n-Docosane (C22)

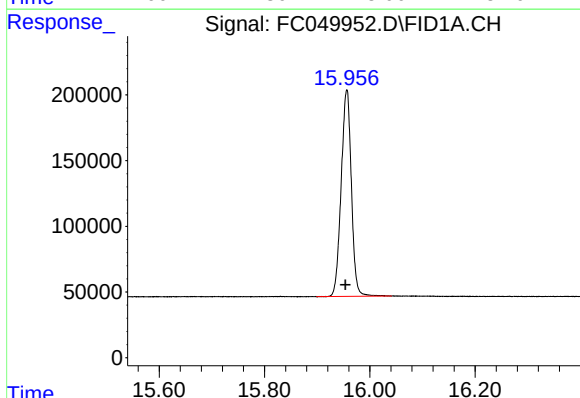
R.T.: 13.834 min
Delta R.T.: 0.002 min
Response: 2131521
Conc: 20.53 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



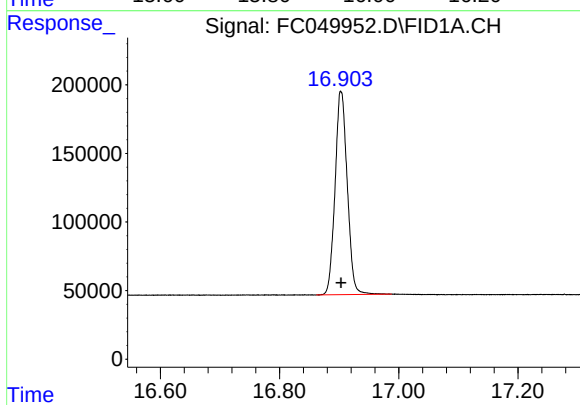
#14 n-Tetracosane (C24)

R.T.: 14.936 min
Delta R.T.: 0.002 min
Response: 2130302
Conc: 20.51 ug/ml



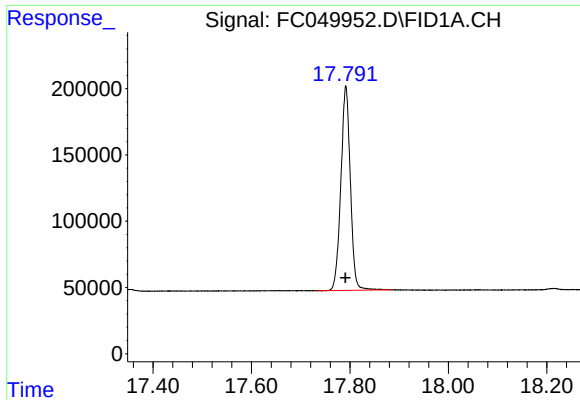
#15 n-Hexacosane (C26)

R.T.: 15.956 min
Delta R.T.: 0.002 min
Response: 2112833
Conc: 20.50 ug/ml



#16 n-Octacosane (C28)

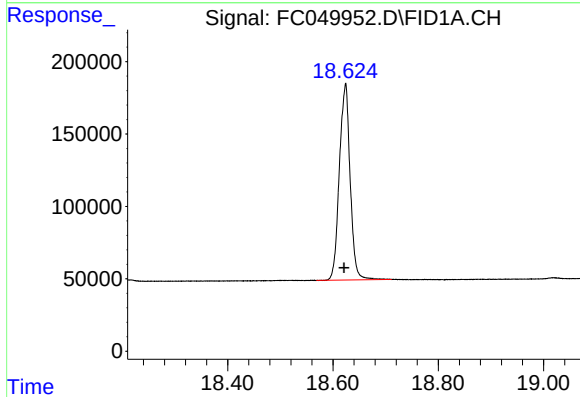
R.T.: 16.903 min
Delta R.T.: 0.000 min
Response: 2104861
Conc: 20.34 ug/ml



#17 n-Tricontane (C30)

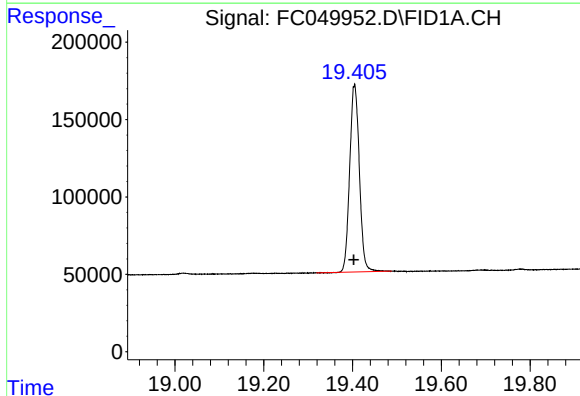
R.T.: 17.792 min
Delta R.T.: 0.000 min
Response: 2060933
Conc: 20.20 ug/ml

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FID_C
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20 PPM ALIPHATIC HC STD



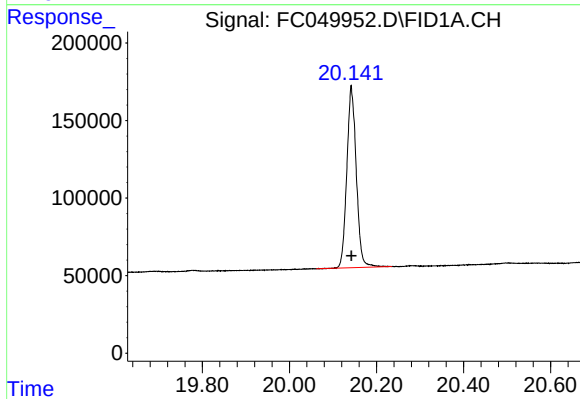
#18 n-Dotriacontane (C32)

R.T.: 18.623 min
Delta R.T.: 0.002 min
Response: 1924867
Conc: 20.04 ug/ml



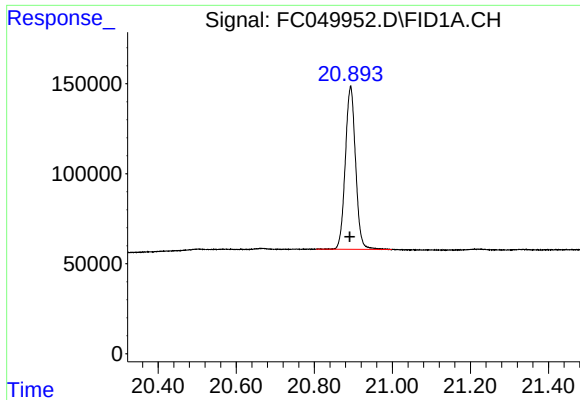
#19 n-Tetratriacontane (C34)

R.T.: 19.405 min
Delta R.T.: 0.001 min
Response: 1829119
Conc: 19.94 ug/ml



#20 n-Hexatriacontane (C36)

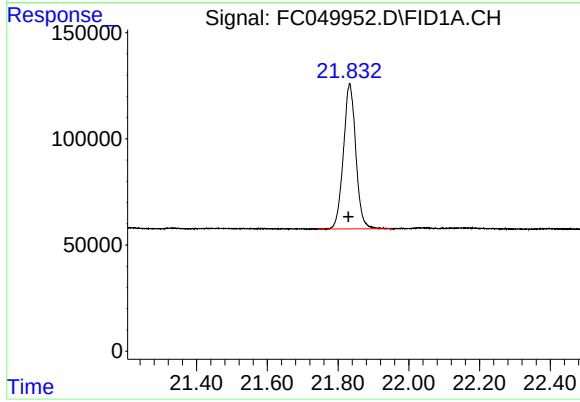
R.T.: 20.142 min
Delta R.T.: 0.000 min
Response: 1760734
Conc: 19.88 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.893 min
Delta R.T.: 0.002 min
Response: 1653230
Conc: 20.05 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.833 min
Delta R.T.: 0.004 min
Response: 1660974
Conc: 19.86 ug/ml