

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC022621AL\
 Data File : FC052157.D
 Signal(s) : FID1A.CH
 Acq On : 26 Feb 2021 9:41
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: sample.E
 Quant Time: Feb 26 21:55:55 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 021521.M
 Quant Title : GC Extractables
 QLast Update : Tue Feb 16 09:35:39 2021
 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)	11.694	2475263	20.393 ug/ml
Spiked Amount 50.000		Recovery =	40.79%
12) S 1-chlorooctadecane (S...	13.124	1976589	20.131 ug/ml
Spiked Amount 50.000		Recovery =	40.26%
Target Compounds			
1) T n-Nonane (C9)	3.448	2210368	20.918 ug/ml
2) T n-Decane (C10)	4.518	2250700	21.121 ug/ml
3) T A~Naphthalene (C11.7)	6.111	2537522	21.217 ug/ml
4) T n-Dodecane (C12)	6.536	2301851	21.287 ug/ml
5) T A~2-methylnaphthalene...	7.167	2598031	21.291 ug/ml
6) T n-Tetradecane (C14)	8.330	2319529	21.359 ug/ml
7) T n-Hexadecane (C16)	9.929	2287391	21.195 ug/ml
8) T n-Octadecane (C18)	11.370	2363328	20.904 ug/ml
10) T n-Eicosane (C20)	12.679	2350765	20.469 ug/ml
11) T n-Heneicosane (C21)	13.290	2326195	20.184 ug/ml
13) T n-Docosane (C22)	13.877	2302994	19.869 ug/ml
14) T n-Tetracosane (C24)	14.978	2240512	19.134 ug/ml
15) T n-Hexacosane (C26)	15.998	2141643	18.318 ug/ml
16) T n-Octacosane (C28)	16.948	2053760	17.463 ug/ml
17) T n-Tricontane (C30)	17.836	1976491	16.722 ug/ml
18) T n-Dotriacontane (C32)	18.670	1887979	16.100 ug/ml
19) T n-Tetratriacontane (C34)	19.456	1841891	15.903 ug/ml
20) T n-Hexatriacontane (C36)	20.200	1779765	15.996 ug/ml
21) T n-Octatriacontane (C38)	20.961	1713835	16.734 ug/ml
22) T n-Tetracontane (C40)	21.921	1771342	17.184 ug/ml

(f)=RT Delta > 1/2 Window

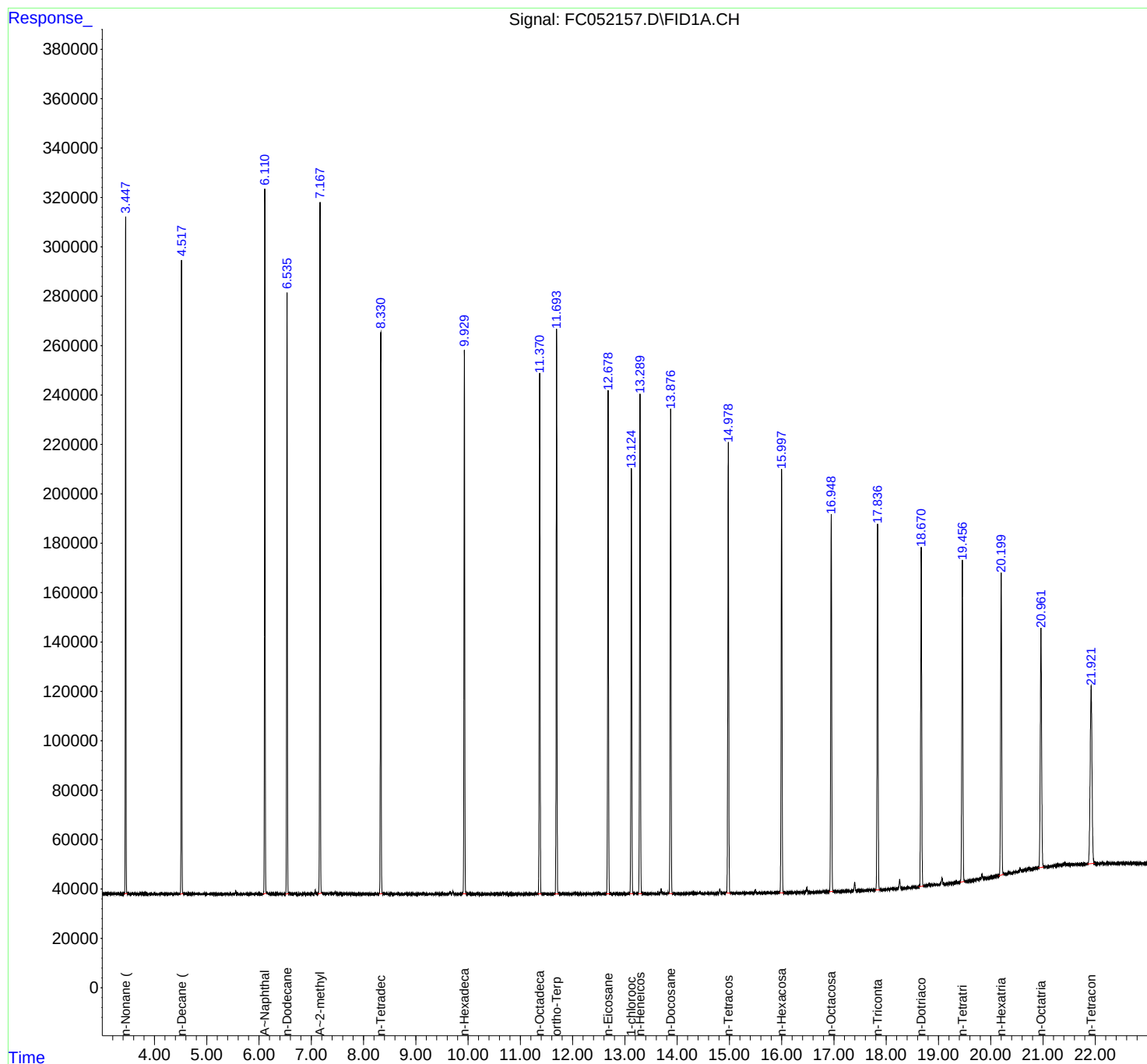
(m)=manual int.

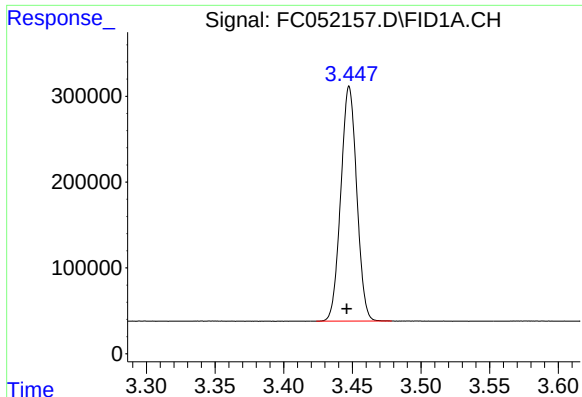
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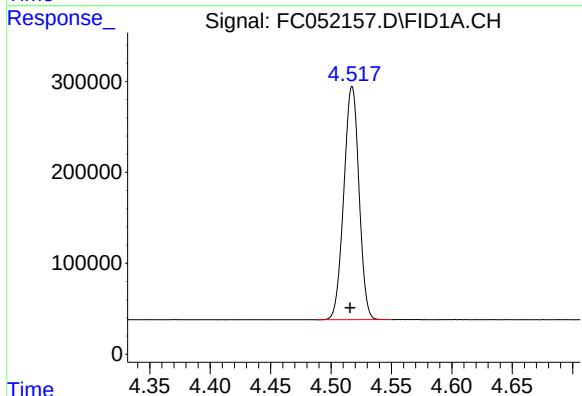




#1 n-Nonane (C9)

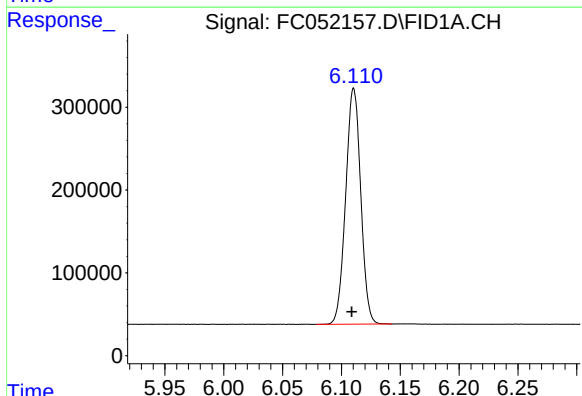
R.T.: 3.448 min
Delta R.T.: 0.002 min
Response: 2210368
Conc: 20.92 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



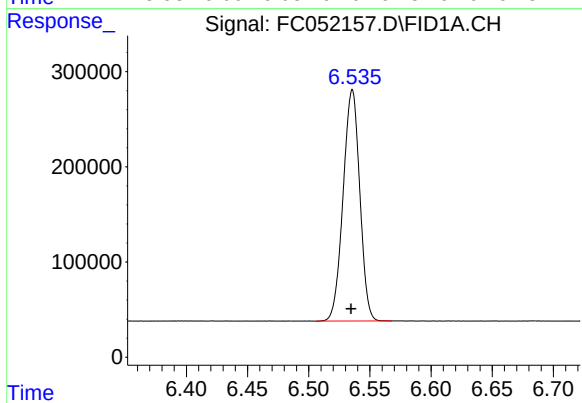
#2 n-Decane (C10)

R.T.: 4.518 min
Delta R.T.: 0.002 min
Response: 2250700
Conc: 21.12 ug/ml



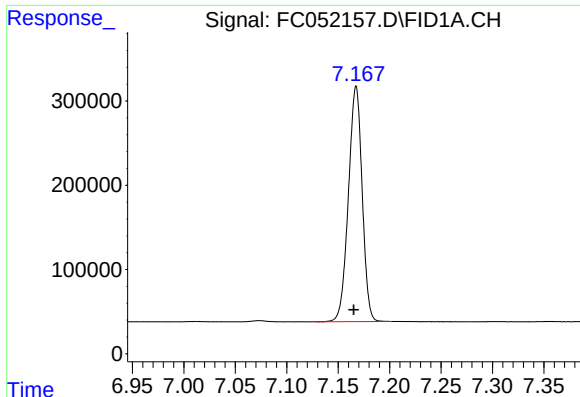
#3 A~Naphthalene (C11.7)

R.T.: 6.111 min
Delta R.T.: 0.002 min
Response: 2537522
Conc: 21.22 ug/ml



#4 n-Dodecane (C12)

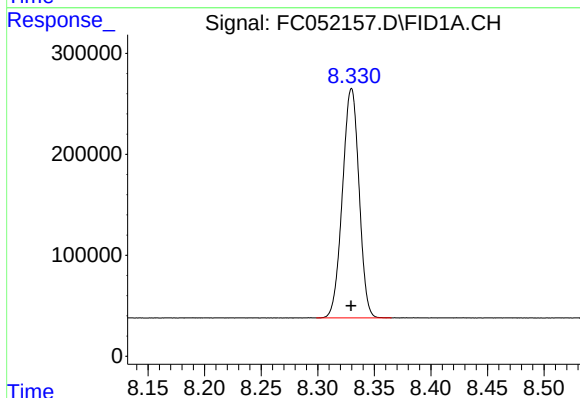
R.T.: 6.536 min
Delta R.T.: 0.001 min
Response: 2301851
Conc: 21.29 ug/ml



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

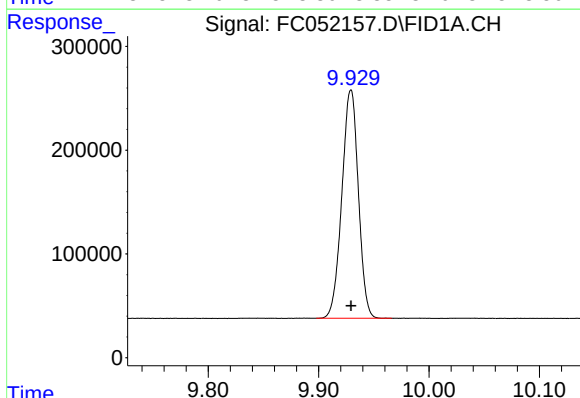
R.T.: 7.167 min
Delta R.T.: 0.002 min
Response: 2598031
Conc: 21.29 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



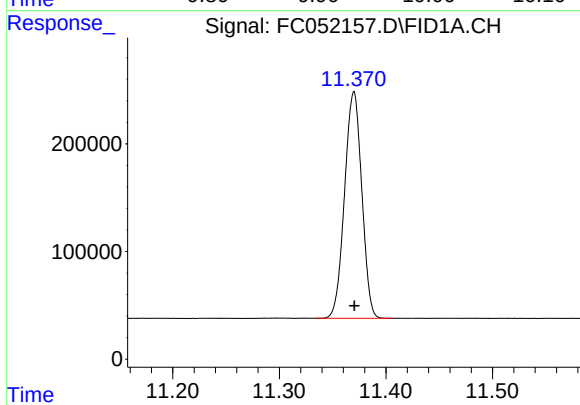
#6 n-Tetradecane (C14)

R.T.: 8.330 min
Delta R.T.: 0.000 min
Response: 2319529
Conc: 21.36 ug/ml



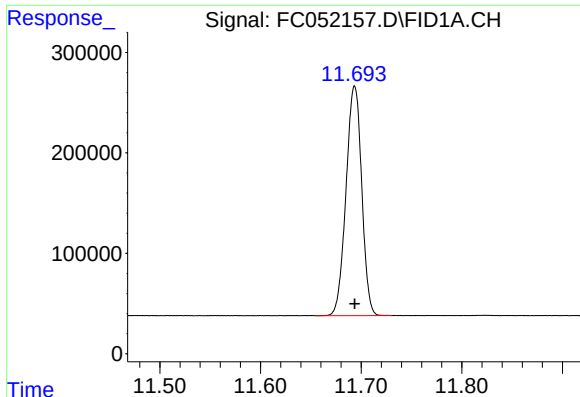
#7 n-Hexadecane (C16)

R.T.: 9.929 min
Delta R.T.: 0.000 min
Response: 2287391
Conc: 21.19 ug/ml



#8 n-Octadecane (C18)

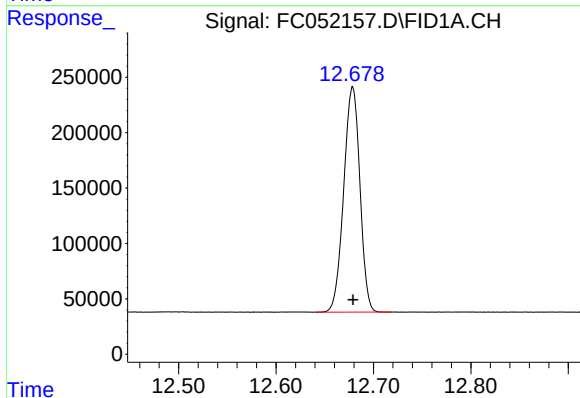
R.T.: 11.370 min
Delta R.T.: 0.000 min
Response: 2363328
Conc: 20.90 ug/ml



#9 ortho-Terphenyl (SURR)

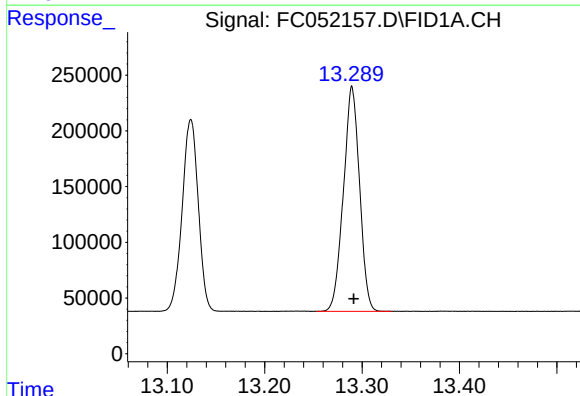
R.T.: 11.694 min
Delta R.T.: 0.000 min
Response: 2475263
Conc: 20.39 ug/ml

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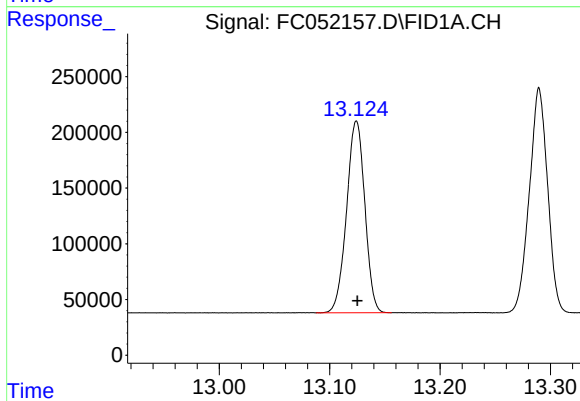
#10 n-Eicosane (C20)

R.T.: 12.679 min
Delta R.T.: 0.000 min
Response: 2350765
Conc: 20.47 ug/ml



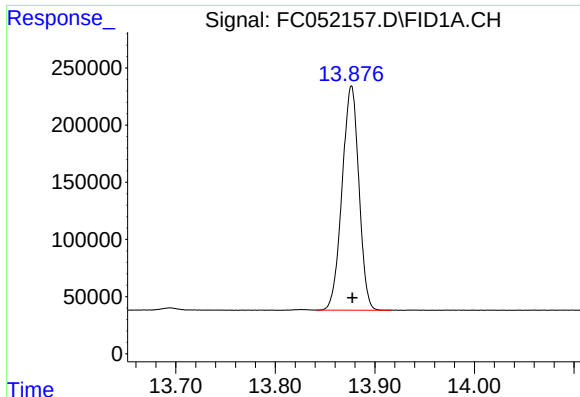
#11 n-Heneicosane (C21)

R.T.: 13.290 min
Delta R.T.: -0.002 min
Response: 2326195
Conc: 20.18 ug/ml



#12 1-chlorooctadecane (SURR)

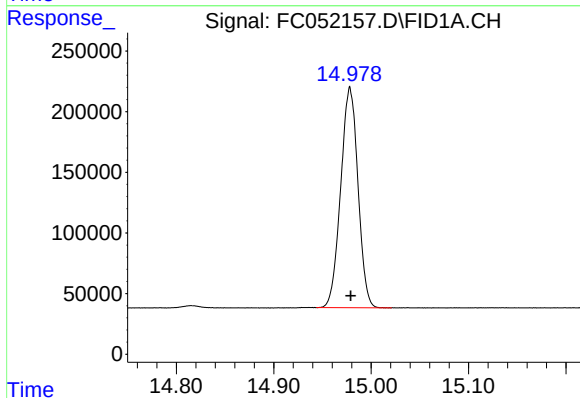
R.T.: 13.124 min
Delta R.T.: 0.000 min
Response: 1976589
Conc: 20.13 ug/ml



#13 n-Docosane (C22)

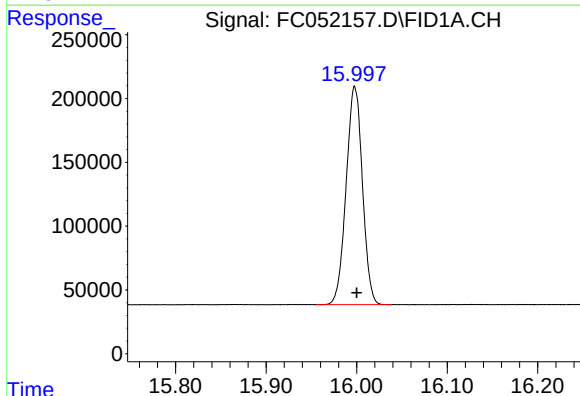
R.T.: 13.877 min
Delta R.T.: 0.000 min
Response: 2302994
Conc: 19.87 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



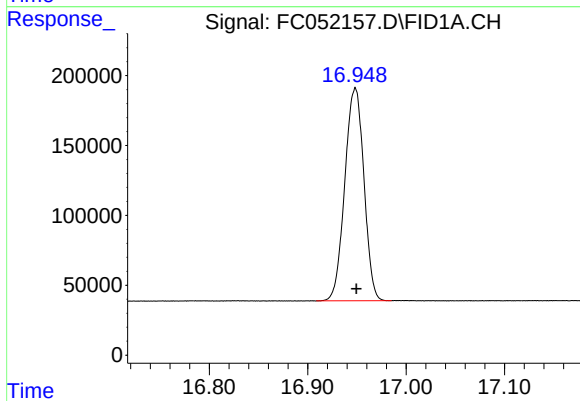
#14 n-Tetracosane (C24)

R.T.: 14.978 min
Delta R.T.: 0.000 min
Response: 2240512
Conc: 19.13 ug/ml



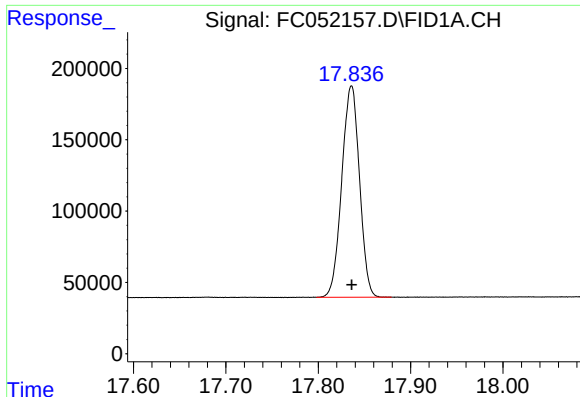
#15 n-Hexacosane (C26)

R.T.: 15.998 min
Delta R.T.: -0.002 min
Response: 2141643
Conc: 18.32 ug/ml



#16 n-Octacosane (C28)

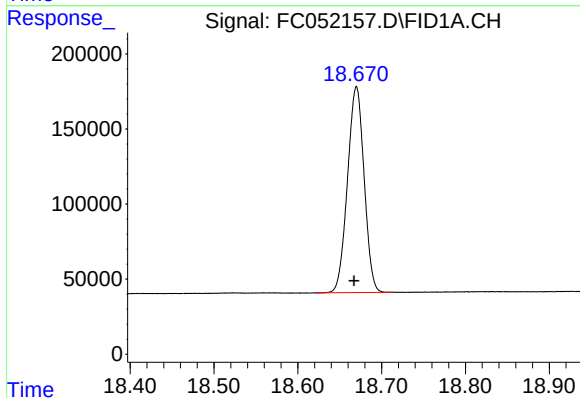
R.T.: 16.948 min
Delta R.T.: -0.001 min
Response: 2053760
Conc: 17.46 ug/ml



#17 n-Tricontane (C30)

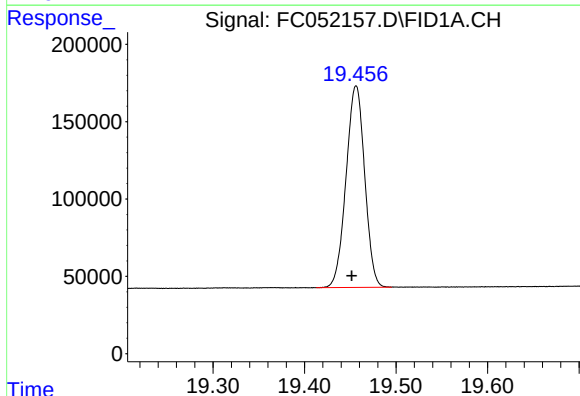
R.T.: 17.836 min
Delta R.T.: 0.000 min
Response: 1976491
Conc: 16.72 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



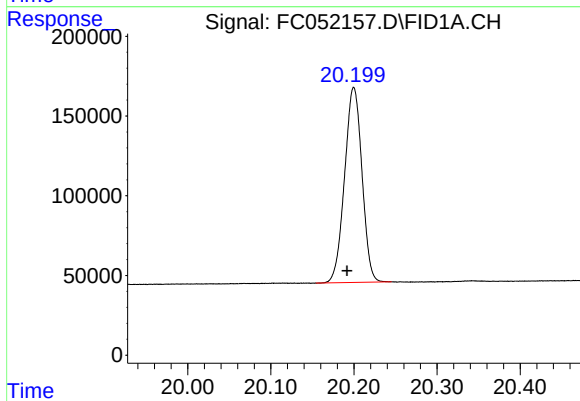
#18 n-Dotriacontane (C32)

R.T.: 18.670 min
Delta R.T.: 0.003 min
Response: 1887979
Conc: 16.10 ug/ml



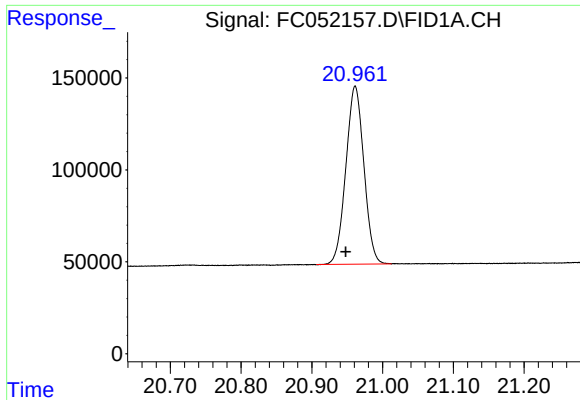
#19 n-Tetratriacontane (C34)

R.T.: 19.456 min
Delta R.T.: 0.005 min
Response: 1841891
Conc: 15.90 ug/ml



#20 n-Hexatriacontane (C36)

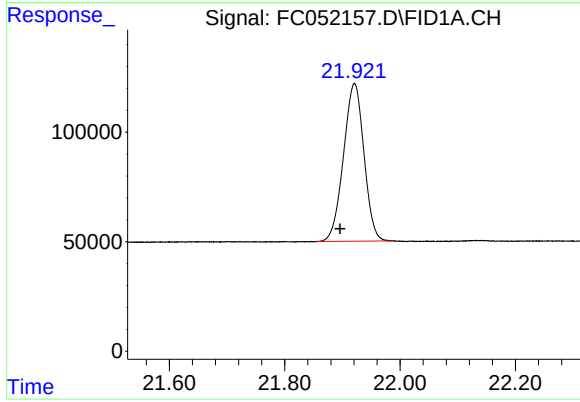
R.T.: 20.200 min
Delta R.T.: 0.008 min
Response: 1779765
Conc: 16.00 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.961 min
Delta R.T.: 0.013 min
Response: 1713835
Conc: 16.73 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.921 min
Delta R.T.: 0.025 min
Response: 1771342
Conc: 17.18 ug/ml