

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC040821AL\
 Data File : FC053017.D
 Signal(s) : FID1A.CH
 Acq On : 08 Apr 2021 21:00
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC STD ICV
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 20 PPM ALIPHATIC STD ICV

Integration File: autoint1.e
 Quant Time: Apr 09 09:26:20 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 040821.M
 Quant Title : GC Extractables
 QLast Update : Fri Apr 09 09:23:51 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)	11.553	2737171	18.946 ug/ml
Spiked Amount 50.000		Recovery =	37.89%
12) S 1-chlorooctadecane (S...	12.990	2203658	19.072 ug/ml
Spiked Amount 50.000		Recovery =	38.14%
Target Compounds			
1) T n-Nonane (C9)	3.312	2359074	18.848 ug/ml
2) T n-Decane (C10)	4.378	2381081	18.914 ug/ml
3) T A~Naphthalene (C11.7)	5.962	2631333	18.890 ug/ml
4) T n-Dodecane (C12)	6.396	2419337	18.890 ug/ml
5) T A~2-methylnaphthalene...	7.019	2673466	18.913 ug/ml
6) T n-Tetradecane (C14)	8.194	2440531	18.968 ug/ml
7) T n-Hexadecane (C16)	9.795	2419829	18.926 ug/ml
8) T n-Octadecane (C18)	11.237	2558508	18.918 ug/ml
10) T n-Eicosane (C20)	12.547	2602264	18.945 ug/ml
11) T n-Heneicosane (C21)	13.158	2610585	19.000 ug/ml
13) T n-Docosane (C22)	13.745	2620074	19.008 ug/ml
14) T n-Tetracosane (C24)	14.847	2627833	19.059 ug/ml
15) T n-Hexacosane (C26)	15.868	2594384	19.132 ug/ml
16) T n-Octacosane (C28)	16.817	2548406	19.119 ug/ml
17) T n-Tricontane (C30)	17.703	2460910	19.175 ug/ml
18) T n-Dotriacontane (C32)	18.535	2290445	19.172 ug/ml
19) T n-Tetratriacontane (C34)	19.317	2124938	19.187 ug/ml
20) T n-Hexatriacontane (C36)	20.058	1925591	19.082 ug/ml
21) T n-Octatriacontane (C38)	20.787	1721874	19.327 ug/ml
22) T n-Tetracontane (C40)	21.686	1569436	19.605 ug/ml

(f)=RT Delta > 1/2 Window

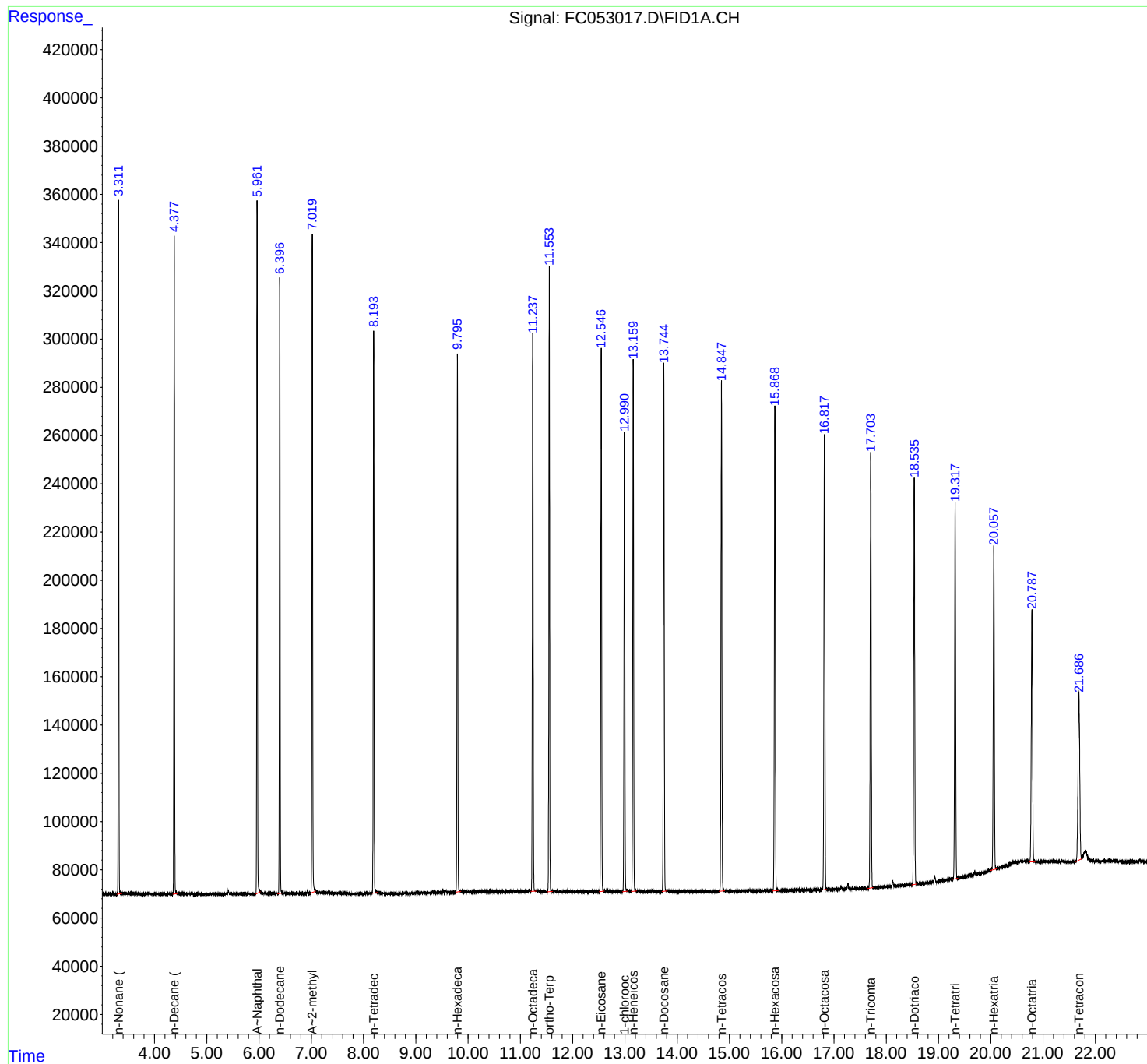
(m)=manual int.

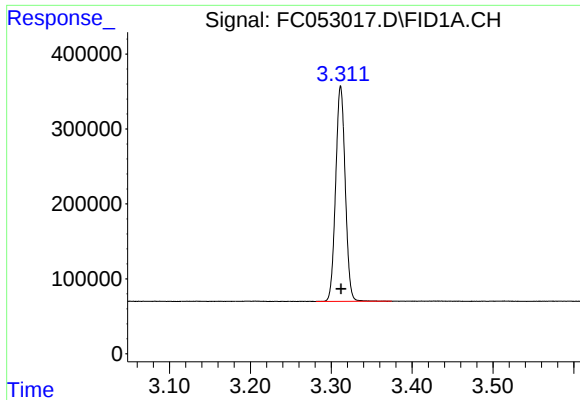
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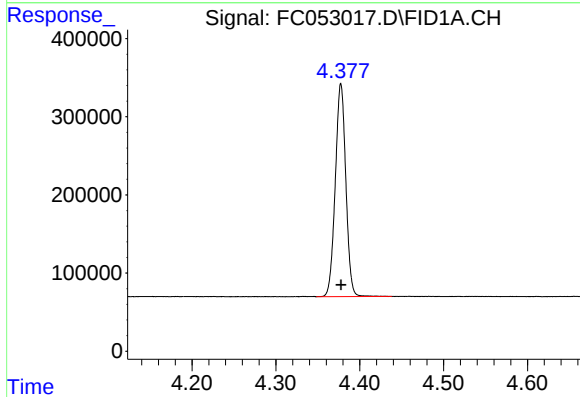




#1 n-Nonane (C9)

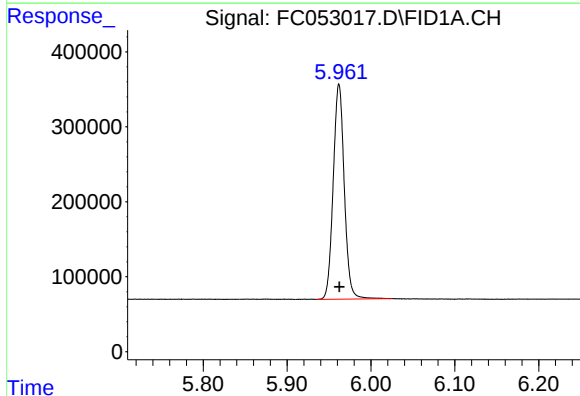
R.T.: 3.312 min
Delta R.T.: 0.000 min
Response: 2359074
Conc: 18.85 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC STD ICV



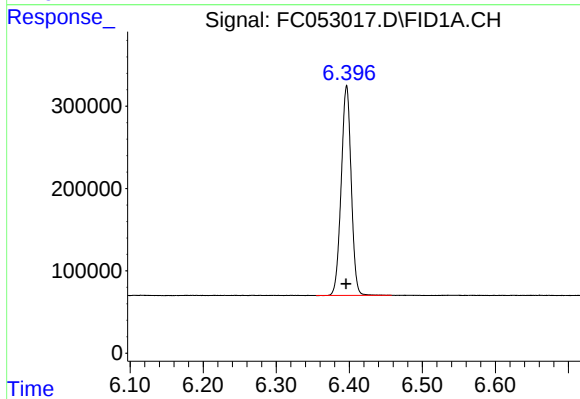
#2 n-Decane (C10)

R.T.: 4.378 min
Delta R.T.: 0.000 min
Response: 2381081
Conc: 18.91 ug/ml



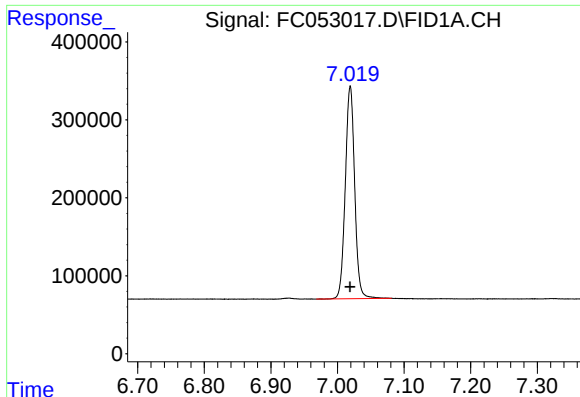
#3 A~Naphthalene (C11.7)

R.T.: 5.962 min
Delta R.T.: 0.000 min
Response: 2631333
Conc: 18.89 ug/ml



#4 n-Dodecane (C12)

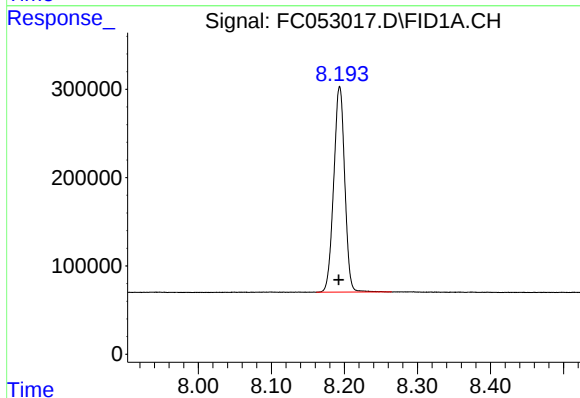
R.T.: 6.396 min
Delta R.T.: 0.000 min
Response: 2419337
Conc: 18.89 ug/ml



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

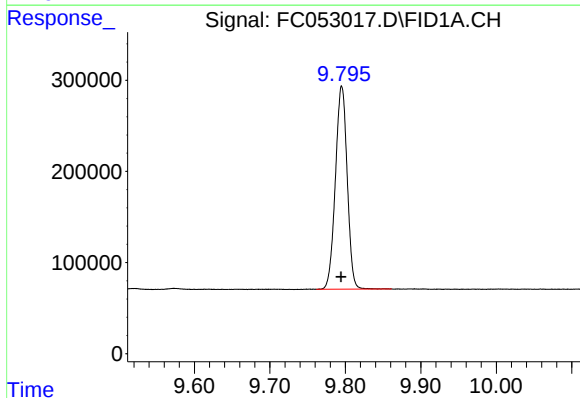
R.T.: 7.019 min
Delta R.T.: 0.000 min
Response: 2673466
Conc: 18.91 ug/ml

Instrument :
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20 PPM ALIPHATIC STD ICV



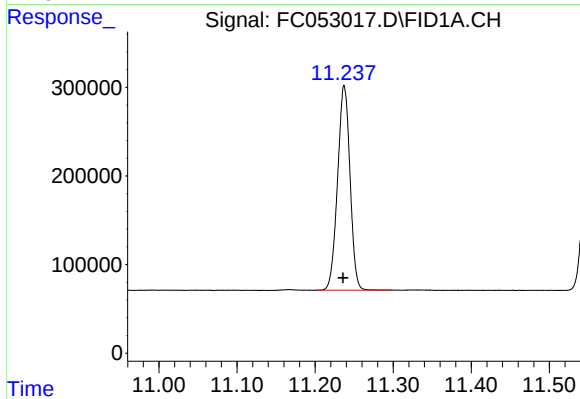
#6 n-Tetradecane (C14)

R.T.: 8.194 min
Delta R.T.: 0.001 min
Response: 2440531
Conc: 18.97 ug/ml



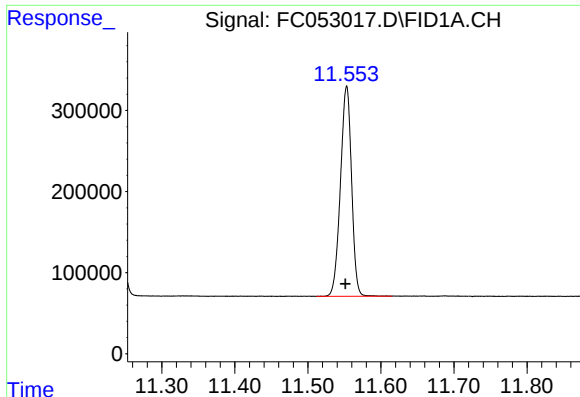
#7 n-Hexadecane (C16)

R.T.: 9.795 min
Delta R.T.: 0.001 min
Response: 2419829
Conc: 18.93 ug/ml



#8 n-Octadecane (C18)

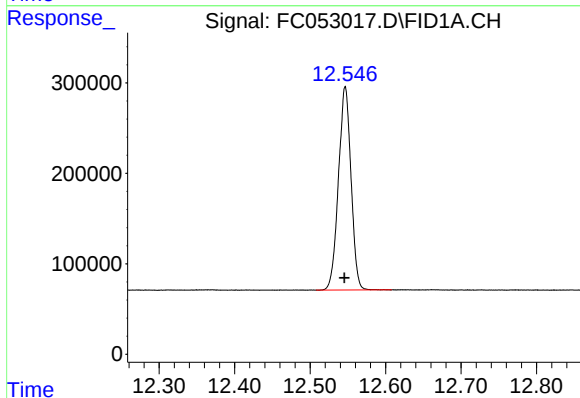
R.T.: 11.237 min
Delta R.T.: 0.001 min
Response: 2558508
Conc: 18.92 ug/ml



#9 ortho-Terphenyl (SURR)

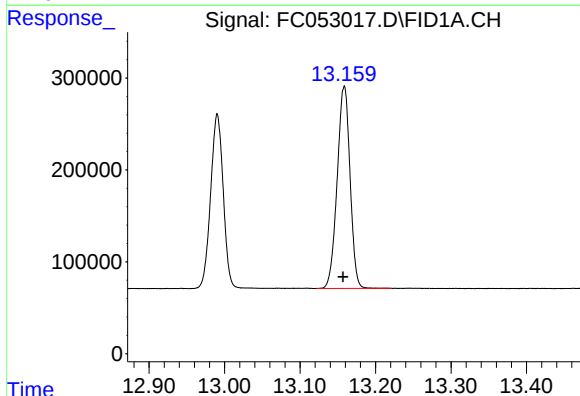
R.T.: 11.553 min
Delta R.T.: 0.002 min
Response: 2737171
Conc: 18.95 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC STD ICV



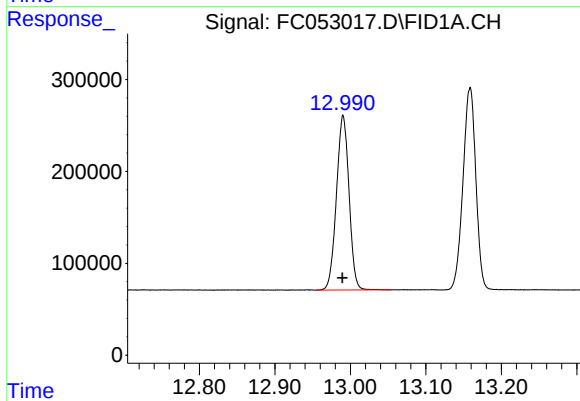
#10 n-Eicosane (C20)

R.T.: 12.547 min
Delta R.T.: 0.001 min
Response: 2602264
Conc: 18.95 ug/ml



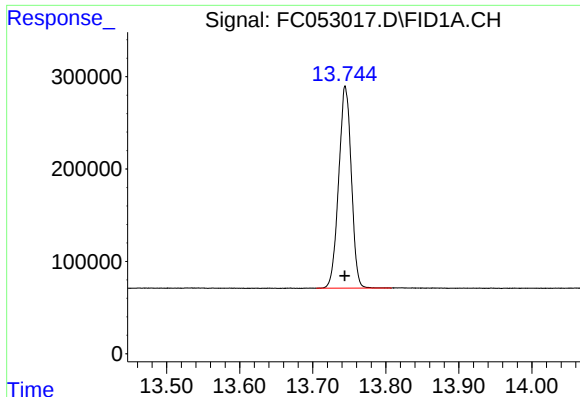
#11 n-Heneicosane (C21)

R.T.: 13.158 min
Delta R.T.: 0.001 min
Response: 2610585
Conc: 19.00 ug/ml



#12 1-chlorooctadecane (SURR)

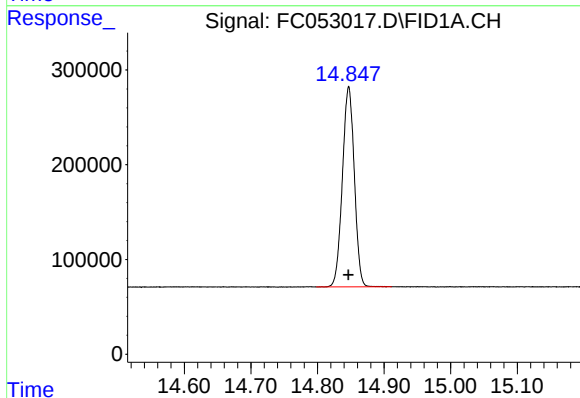
R.T.: 12.990 min
Delta R.T.: 0.000 min
Response: 2203658
Conc: 19.07 ug/ml



#13 n-Docosane (C22)

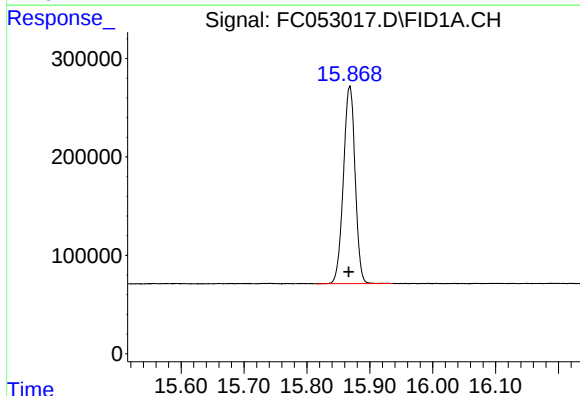
R.T.: 13.745 min
Delta R.T.: 0.001 min
Response: 2620074
Conc: 19.01 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC STD ICV



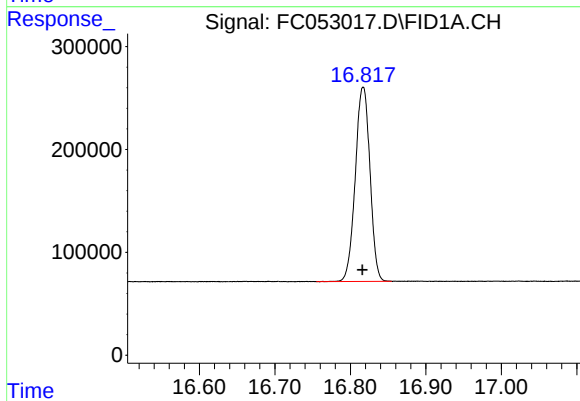
#14 n-Tetracosane (C24)

R.T.: 14.847 min
Delta R.T.: 0.000 min
Response: 2627833
Conc: 19.06 ug/ml



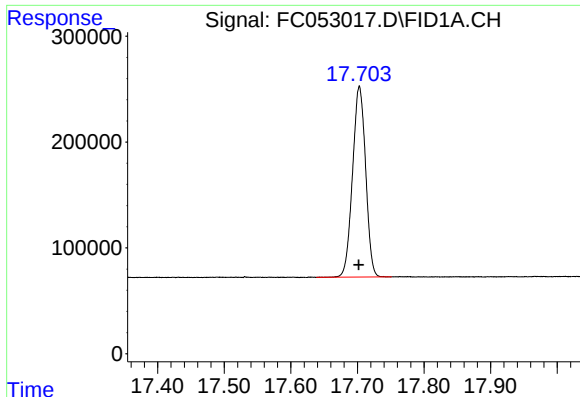
#15 n-Hexacosane (C26)

R.T.: 15.868 min
Delta R.T.: 0.002 min
Response: 2594384
Conc: 19.13 ug/ml



#16 n-Octacosane (C28)

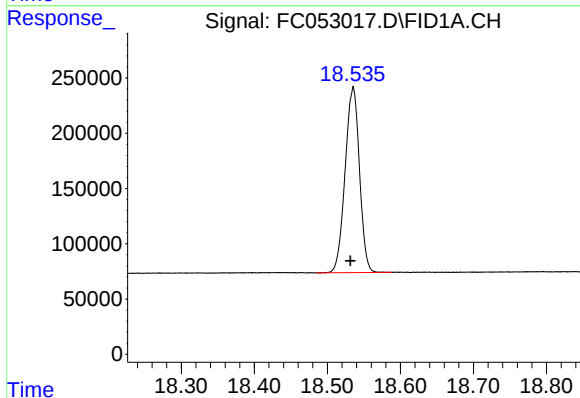
R.T.: 16.817 min
Delta R.T.: 0.000 min
Response: 2548406
Conc: 19.12 ug/ml



#17 n-Tricontane (C30)

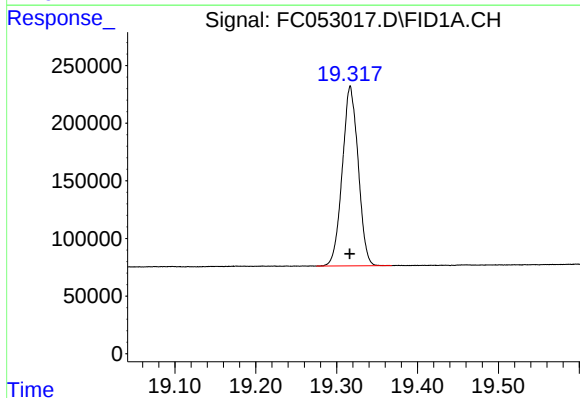
R.T.: 17.703 min
Delta R.T.: 0.000 min
Response: 2460910
Conc: 19.18 ug/ml

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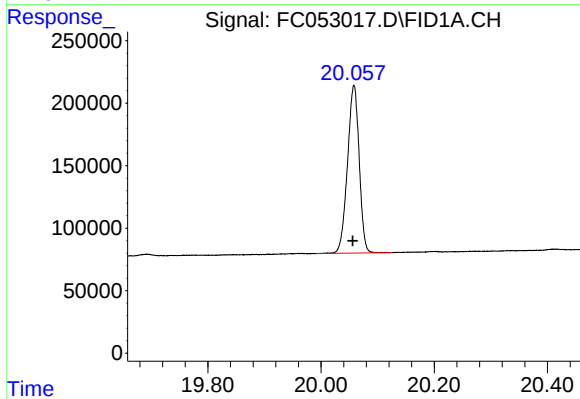
#18 n-Dotriacontane (C32)

R.T.: 18.535 min
Delta R.T.: 0.003 min
Response: 2290445
Conc: 19.17 ug/ml



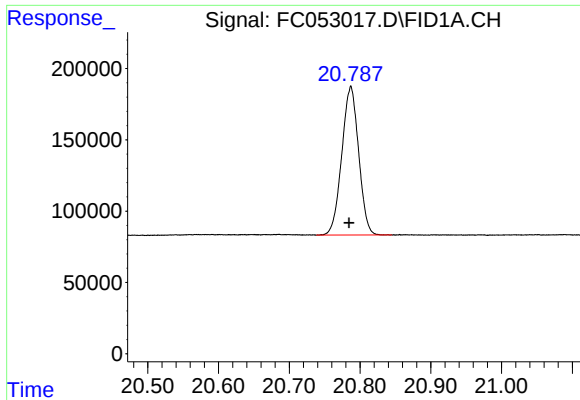
#19 n-Tetratriacontane (C34)

R.T.: 19.317 min
Delta R.T.: 0.000 min
Response: 2124938
Conc: 19.19 ug/ml



#20 n-Hexatriacontane (C36)

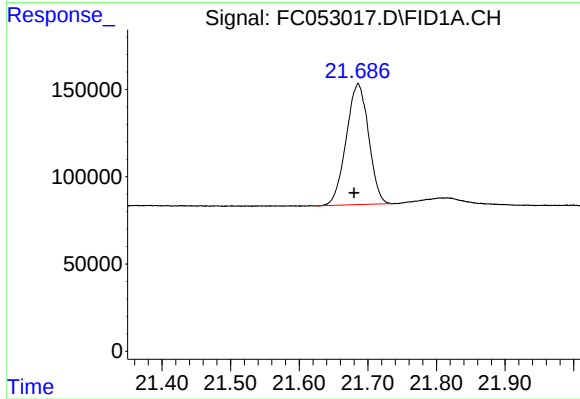
R.T.: 20.058 min
Delta R.T.: 0.002 min
Response: 1925591
Conc: 19.08 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.787 min
Delta R.T.: 0.002 min
Response: 1721874
Conc: 19.33 ug/ml

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20 PPM ALIPHATIC STD ICV



#22 n-Tetracontane (C40)

R.T.: 21.686 min
Delta R.T.: 0.005 min
Response: 1569436
Conc: 19.60 ug/ml