

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC040821AL\
 Data File : FC053019.D
 Signal(s) : FID1A.CH
 Acq On : 08 Apr 2021 22:16
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: Apr 09 10:04:58 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)	11.552	2916005	20.184 ug/ml
Spiked Amount 50.000		Recovery =	40.37%
12) S 1-chlorooctadecane (S...	12.989	2341187	20.263 ug/ml
Spiked Amount 50.000		Recovery =	40.53%
Target Compounds			
1) T n-Nonane (C9)	3.312	2513298	20.081 ug/ml
2) T n-Decane (C10)	4.378	2525696	20.062 ug/ml
3) T A~Naphthalene (C11.7)	5.962	2802723	20.120 ug/ml
4) T n-Dodecane (C12)	6.397	2579455	20.140 ug/ml
5) T A~2-methylnaphthalene...	7.019	2856135	20.205 ug/ml
6) T n-Tetradecane (C14)	8.194	2591238	20.139 ug/ml
7) T n-Hexadecane (C16)	9.795	2586420	20.229 ug/ml
8) T n-Octadecane (C18)	11.236	2731449	20.197 ug/ml
10) T n-Eicosane (C20)	12.546	2776680	20.215 ug/ml
11) T n-Heneicosane (C21)	13.157	2775872	20.203 ug/ml
13) T n-Docosane (C22)	13.744	2782809	20.189 ug/ml
14) T n-Tetracosane (C24)	14.847	2777635	20.145 ug/ml
15) T n-Hexacosane (C26)	15.867	2743884	20.235 ug/ml
16) T n-Octacosane (C28)	16.817	2712695	20.351 ug/ml
17) T n-Tricontane (C30)	17.705	2674955	20.843 ug/ml
18) T n-Dotriacontane (C32)	18.537	2577376	21.573 ug/ml
19) T n-Tetratriacontane (C34)	19.320	2386910	21.552 ug/ml
20) T n-Hexatriacontane (C36)	20.058	2209991	21.901 ug/ml
21) T n-Octatriacontane (C38)	20.788	1907378	21.409 ug/ml
22) T n-Tetracontane (C40)	21.685	1781944	22.259 ug/ml

(f)=RT Delta > 1/2 Window

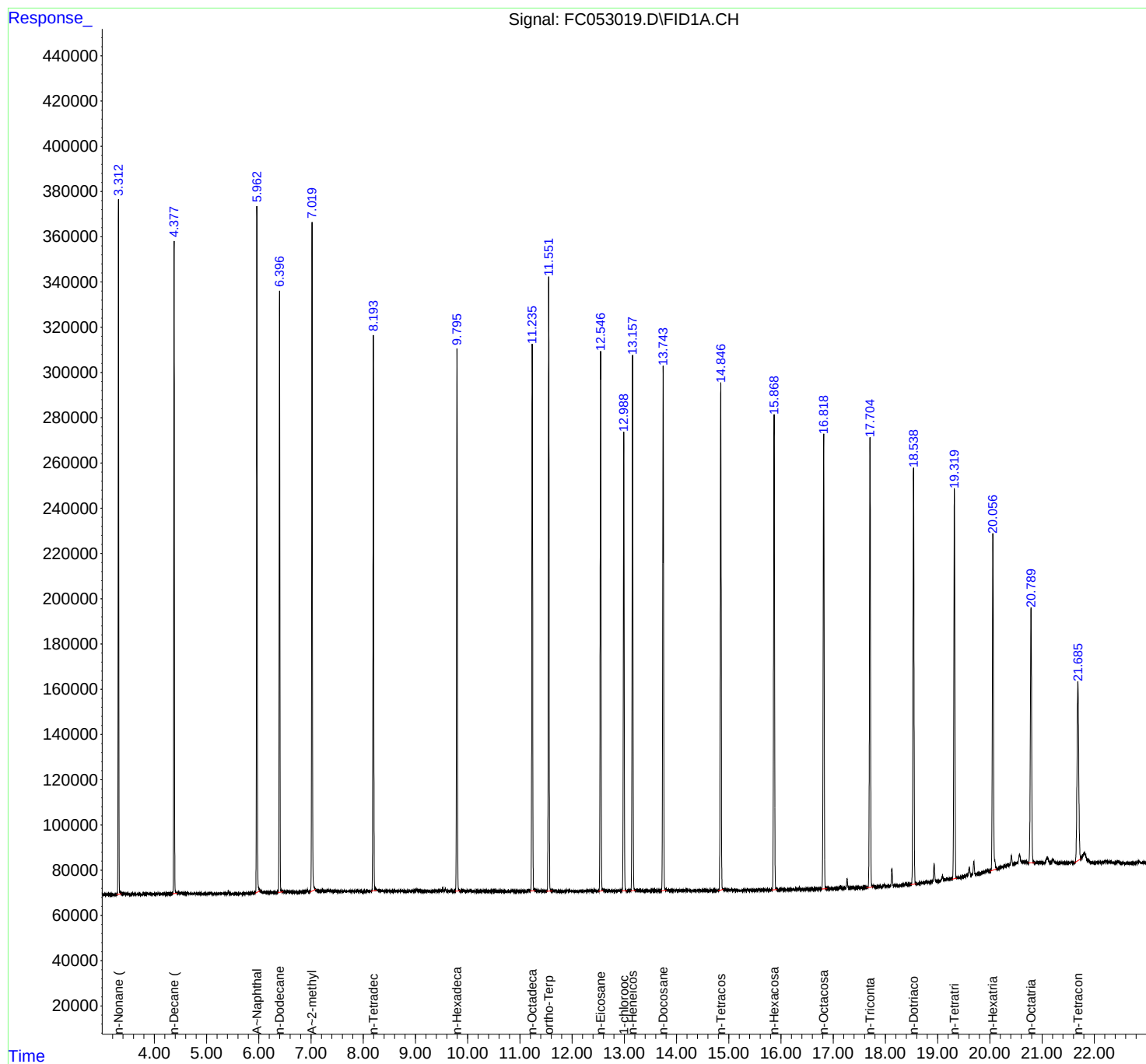
(m)=manual int.

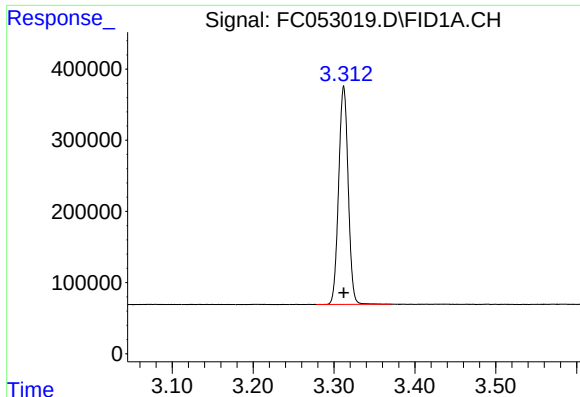
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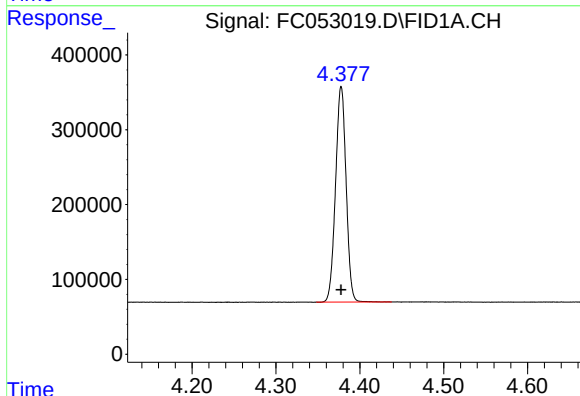




#1 n-Nonane (C9)

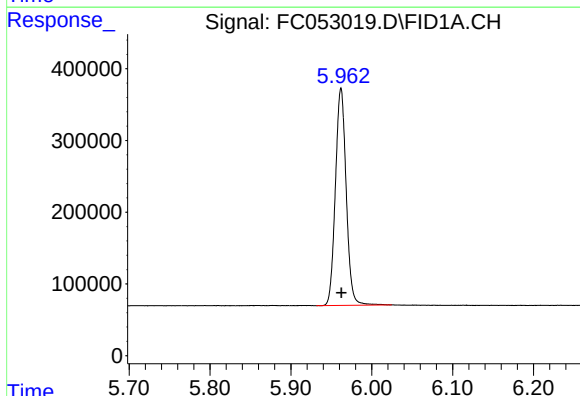
R.T.: 3.312 min
Delta R.T.: 0.000 min
Response: 2513298
Conc: 20.08 ug/ml

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FID_C
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20 PPM ALIPHATIC HC STD



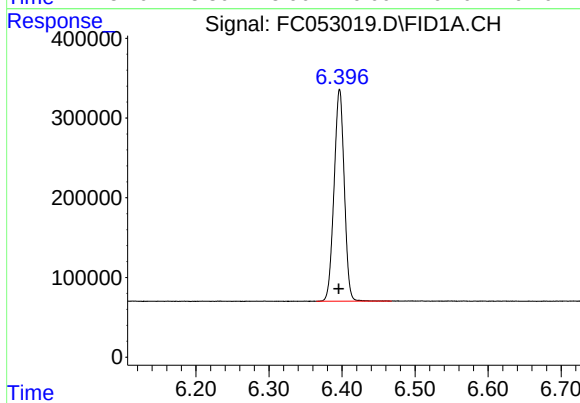
#2 n-Decane (C10)

R.T.: 4.378 min
Delta R.T.: 0.000 min
Response: 2525696
Conc: 20.06 ug/ml



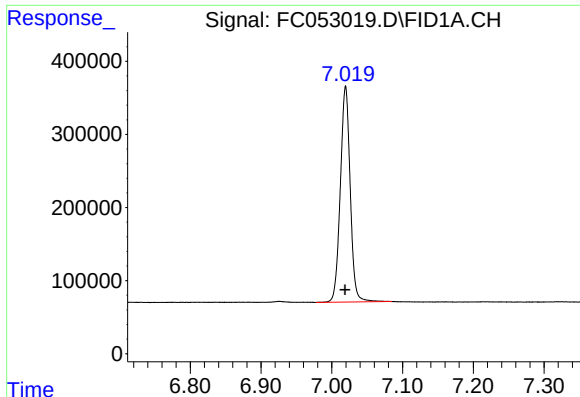
#3 A~Naphthalene (C11.7)

R.T.: 5.962 min
Delta R.T.: 0.000 min
Response: 2802723
Conc: 20.12 ug/ml



#4 n-Dodecane (C12)

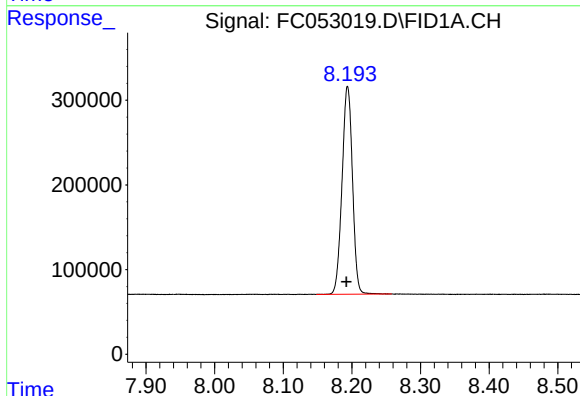
R.T.: 6.397 min
Delta R.T.: 0.000 min
Response: 2579455
Conc: 20.14 ug/ml



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

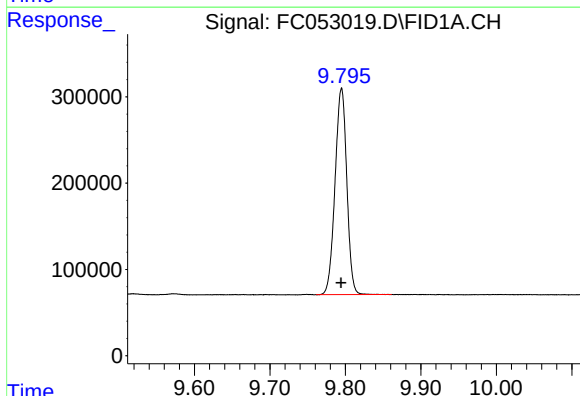
R.T.: 7.019 min
Delta R.T.: 0.000 min
Response: 2856135
Conc: 20.21 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



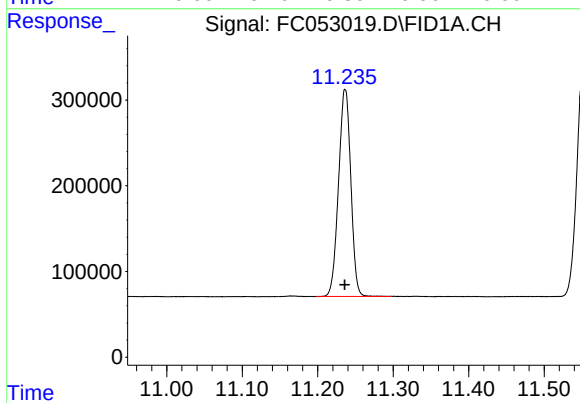
#6 n-Tetradecane (C14)

R.T.: 8.194 min
Delta R.T.: 0.002 min
Response: 2591238
Conc: 20.14 ug/ml



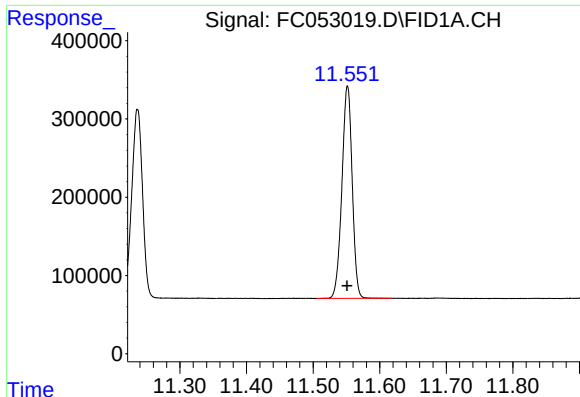
#7 n-Hexadecane (C16)

R.T.: 9.795 min
Delta R.T.: 0.000 min
Response: 2586420
Conc: 20.23 ug/ml



#8 n-Octadecane (C18)

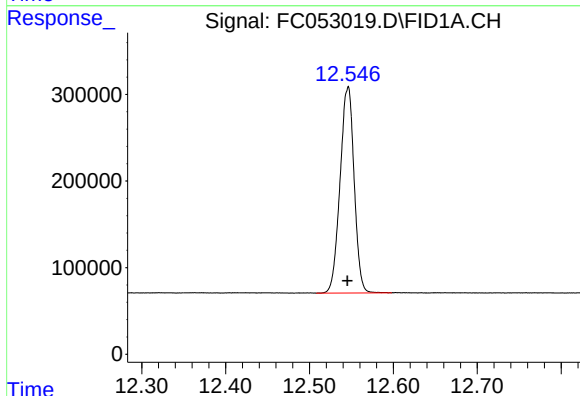
R.T.: 11.236 min
Delta R.T.: 0.000 min
Response: 2731449
Conc: 20.20 ug/ml



#9 ortho-Terphenyl (SURR)

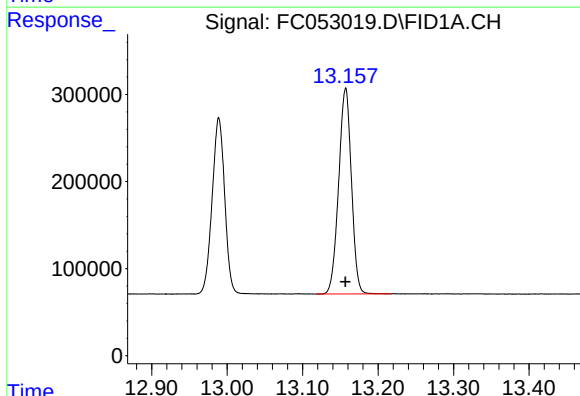
R.T.: 11.552 min
Delta R.T.: 0.000 min
Response: 2916005
Conc: 20.18 ug/ml

Instrument :
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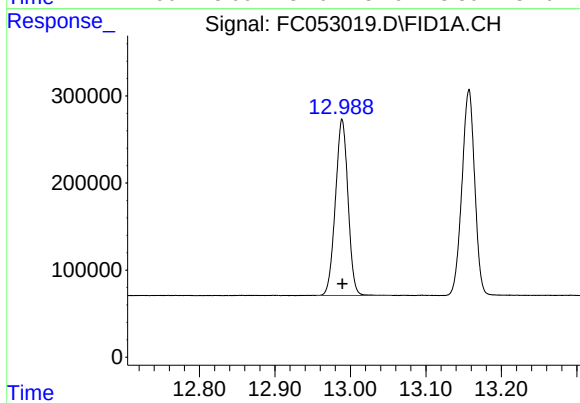
#10 n-Eicosane (C20)

R.T.: 12.546 min
Delta R.T.: 0.000 min
Response: 2776680
Conc: 20.22 ug/ml



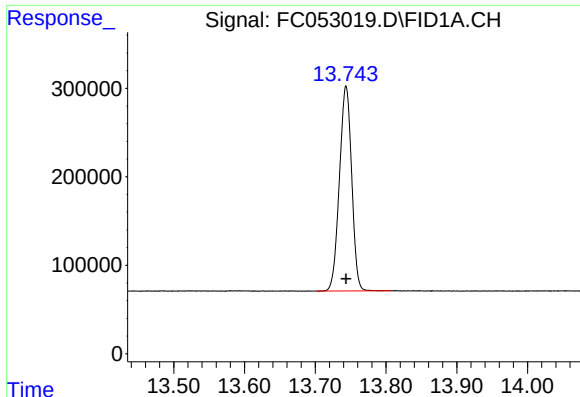
#11 n-Heneicosane (C21)

R.T.: 13.157 min
Delta R.T.: 0.000 min
Response: 2775872
Conc: 20.20 ug/ml



#12 1-chlorooctadecane (SURR)

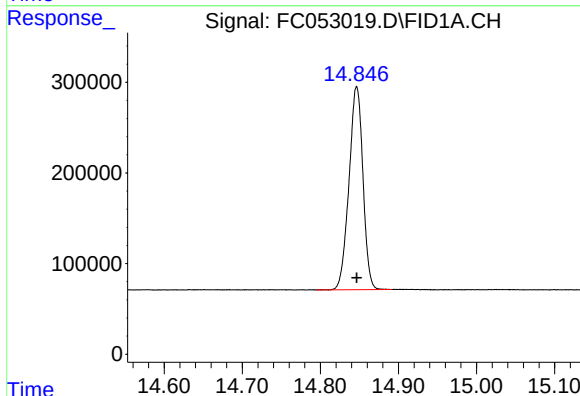
R.T.: 12.989 min
Delta R.T.: 0.000 min
Response: 2341187
Conc: 20.26 ug/ml



#13 n-Docosane (C22)

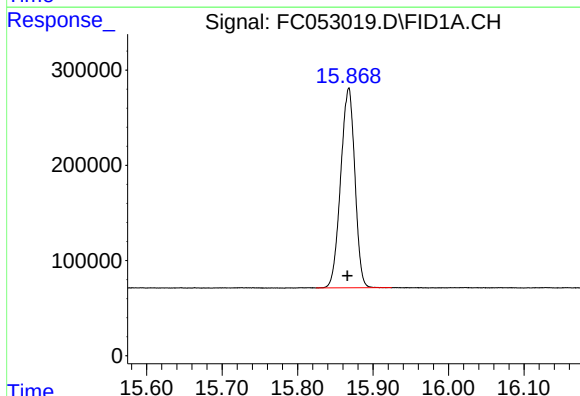
R.T.: 13.744 min
Delta R.T.: 0.000 min
Response: 2782809
Conc: 20.19 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



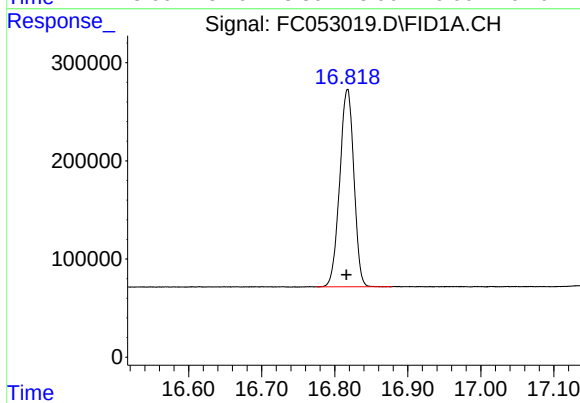
#14 n-Tetracosane (C24)

R.T.: 14.847 min
Delta R.T.: 0.000 min
Response: 2777635
Conc: 20.15 ug/ml



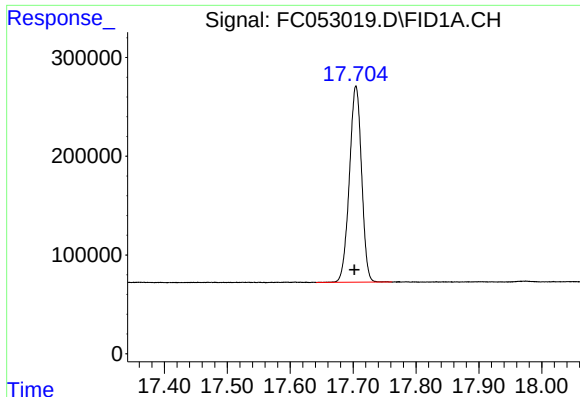
#15 n-Hexacosane (C26)

R.T.: 15.867 min
Delta R.T.: 0.001 min
Response: 2743884
Conc: 20.23 ug/ml



#16 n-Octacosane (C28)

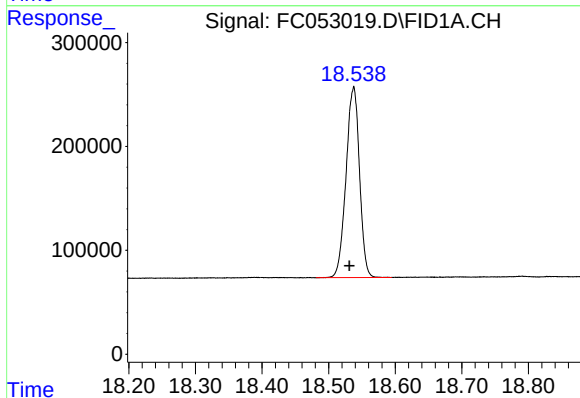
R.T.: 16.817 min
Delta R.T.: 0.001 min
Response: 2712695
Conc: 20.35 ug/ml



#17 n-Tricontane (C30)

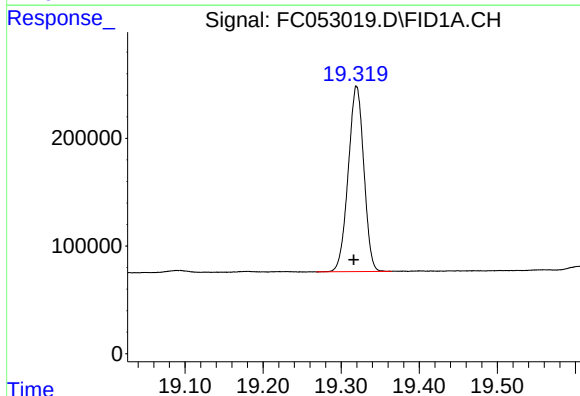
R.T.: 17.705 min
Delta R.T.: 0.002 min
Response: 2674955
Conc: 20.84 ug/ml

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20 PPM ALIPHATIC HC STD



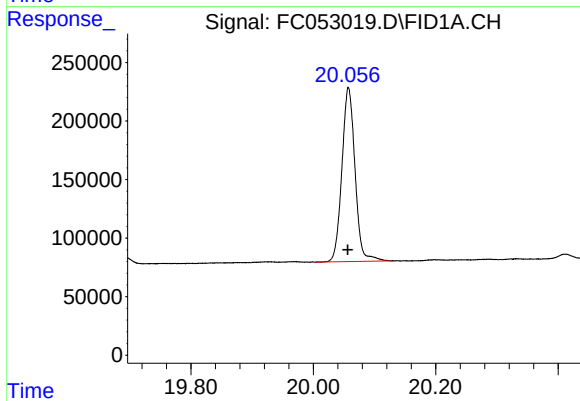
#18 n-Dotriacontane (C32)

R.T.: 18.537 min
Delta R.T.: 0.006 min
Response: 2577376
Conc: 21.57 ug/ml



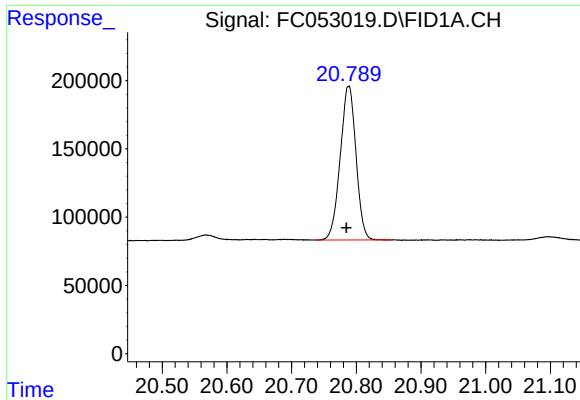
#19 n-Tetratriacontane (C34)

R.T.: 19.320 min
Delta R.T.: 0.003 min
Response: 2386910
Conc: 21.55 ug/ml



#20 n-Hexatriacontane (C36)

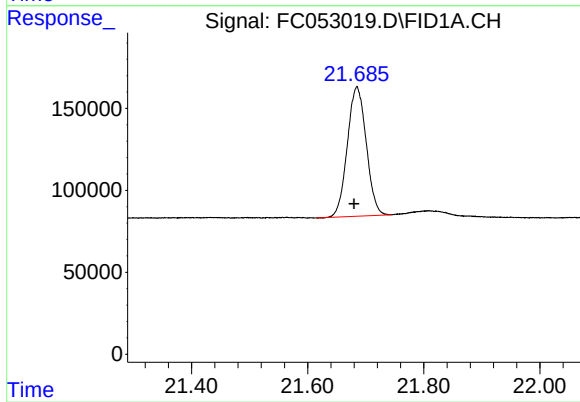
R.T.: 20.058 min
Delta R.T.: 0.002 min
Response: 2209991
Conc: 21.90 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.788 min
Delta R.T.: 0.003 min
Response: 1907378
Conc: 21.41 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.685 min
Delta R.T.: 0.005 min
Response: 1781944
Conc: 22.26 ug/ml