

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC041321AL\
 Data File : FC053129.D
 Signal(s) : FID1A.CH
 Acq On : 14 Apr 2021 00:11
 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: Apr 14 02:15:02 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)	11.551	2687314	18.601 ug/ml
Spiked Amount 50.000		Recovery =	37.20%
12) S 1-chlorooctadecane (S...	12.991	2128190	18.419 ug/ml
Spiked Amount 50.000		Recovery =	36.84%
Target Compounds			
1) T n-Nonane (C9)	3.309	2442264	19.513 ug/ml
2) T n-Decane (C10)	4.375	2476342	19.670 ug/ml
3) T A~Naphthalene (C11.7)	5.959	2721198	19.535 ug/ml
4) T n-Dodecane (C12)	6.394	2550333	19.913 ug/ml
5) T A~2-methylnaphthalene...	7.017	2797043	19.787 ug/ml
6) T n-Tetradecane (C14)	8.191	2544603	19.777 ug/ml
7) T n-Hexadecane (C16)	9.794	2507634	19.613 ug/ml
8) T n-Octadecane (C18)	11.236	2579579	19.074 ug/ml
10) T n-Eicosane (C20)	12.546	2550945	18.572 ug/ml
11) T n-Heneicosane (C21)	13.158	2507842	18.252 ug/ml
13) T n-Docosane (C22)	13.745	2472719	17.939 ug/ml
14) T n-Tetracosane (C24)	14.847	2387514	17.316 ug/ml
15) T n-Hexacosane (C26)	15.868	2279418	16.809 ug/ml
16) T n-Octacosane (C28)	16.819	2182859	16.376 ug/ml
17) T n-Tricontane (C30)	17.705	2097220	16.341 ug/ml
18) T n-Dotriacontane (C32)	18.538	2009084	16.817 ug/ml
19) T n-Tetratriacontane (C34)	19.321	1942445	17.539 ug/ml
20) T n-Hexatriacontane (C36)	20.061	1902027	18.849 ug/ml
21) T n-Octatriacontane (C38)	20.792	1821356	20.444 ug/ml
22) T n-Tetracontane (C40)	21.692	1888907	23.595 ug/ml

(f)=RT Delta > 1/2 Window

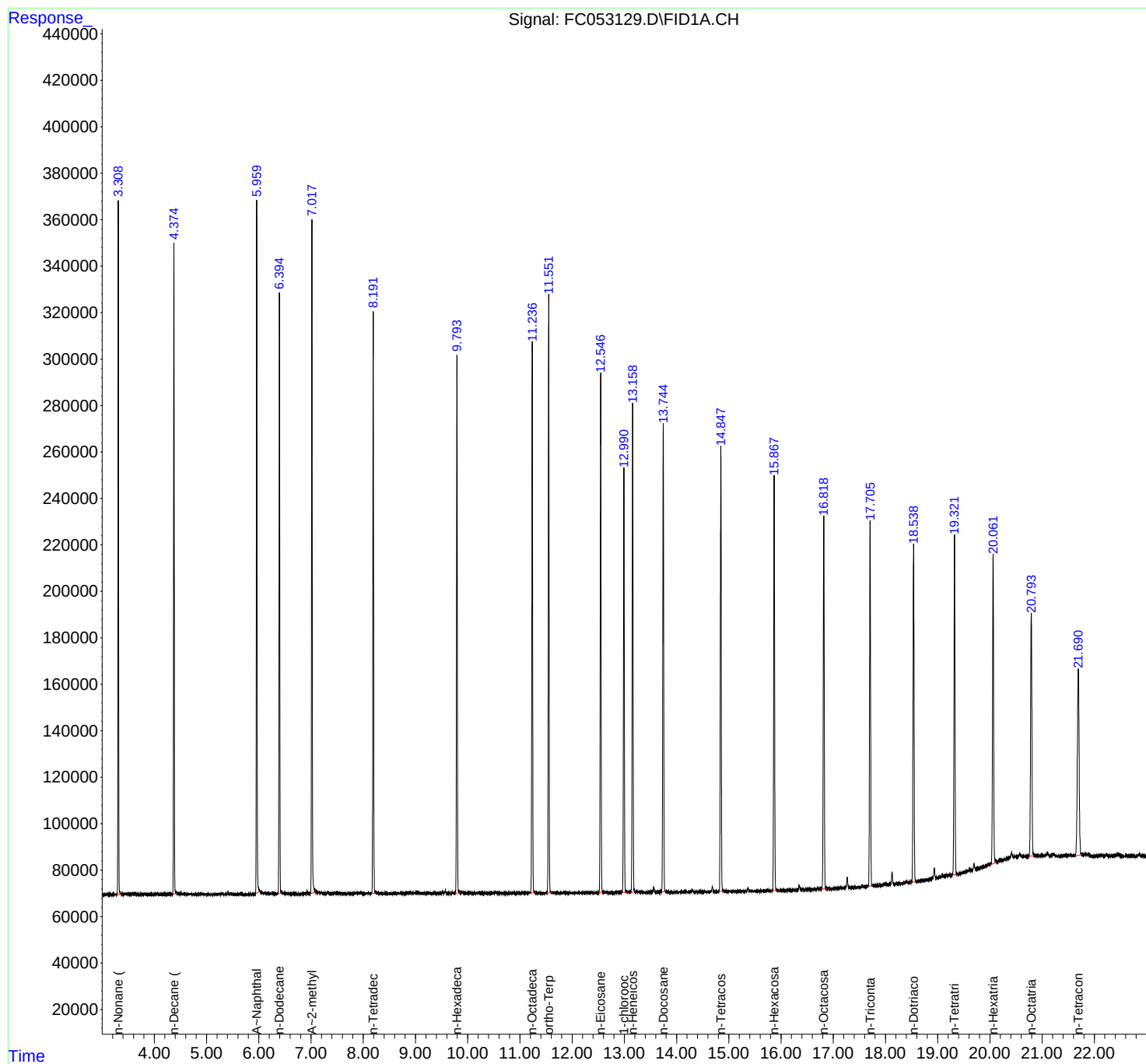
(m)=manual int.

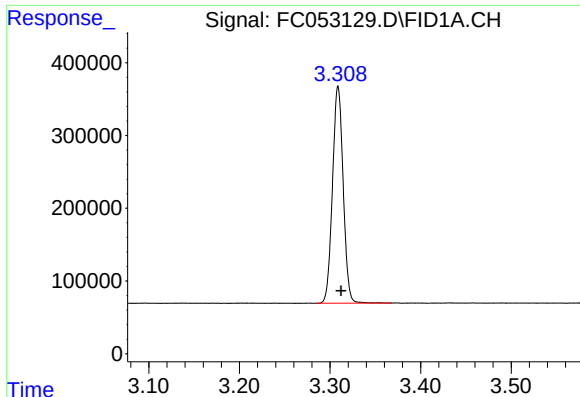
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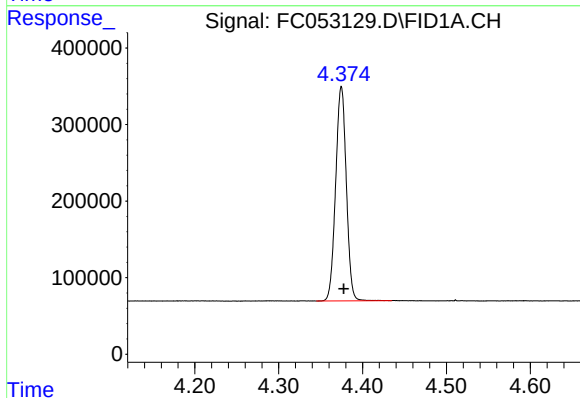




#1 n-Nonane (C9)

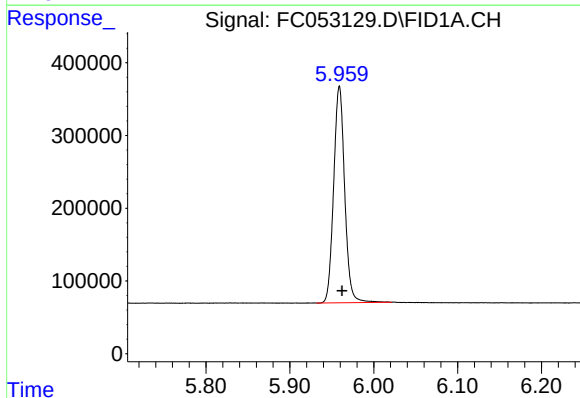
R.T.: 3.309 min
Delta R.T.: -0.003 min
Response: 2442264
Conc: 19.51 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



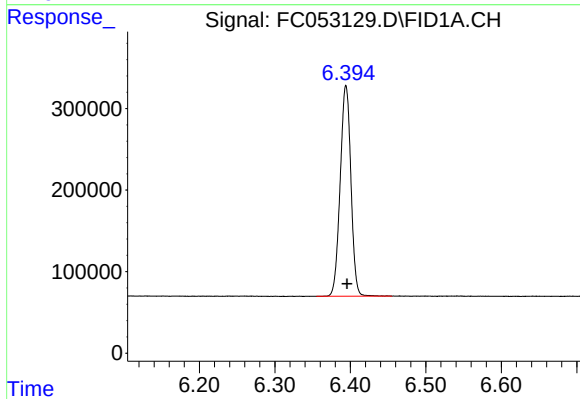
#2 n-Decane (C10)

R.T.: 4.375 min
Delta R.T.: -0.003 min
Response: 2476342
Conc: 19.67 ug/ml



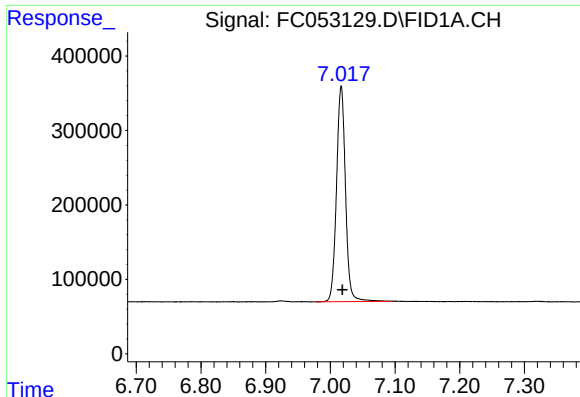
#3 A~Naphthalene (C11.7)

R.T.: 5.959 min
Delta R.T.: -0.003 min
Response: 2721198
Conc: 19.53 ug/ml



#4 n-Dodecane (C12)

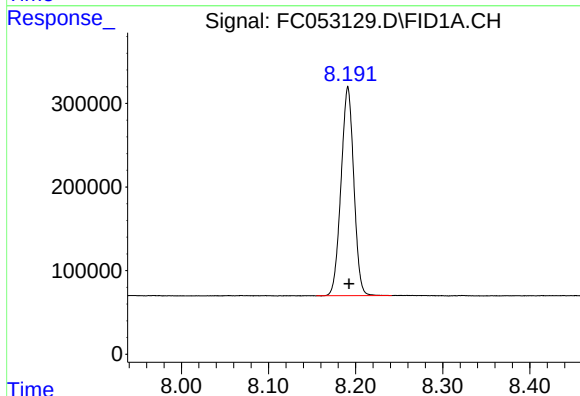
R.T.: 6.394 min
Delta R.T.: -0.001 min
Response: 2550333
Conc: 19.91 ug/ml



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

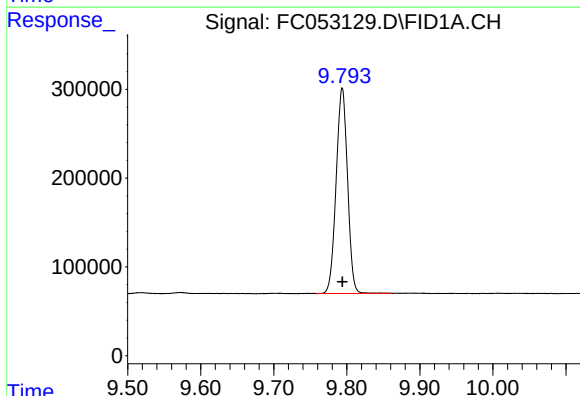
R.T.: 7.017 min
Delta R.T.: -0.002 min
Response: 2797043
Conc: 19.79 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



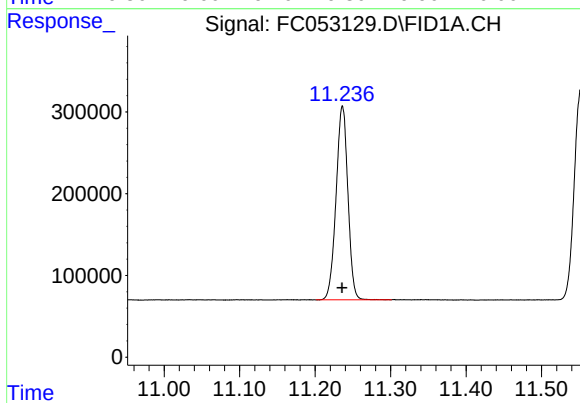
#6 n-Tetradecane (C14)

R.T.: 8.191 min
Delta R.T.: -0.001 min
Response: 2544603
Conc: 19.78 ug/ml



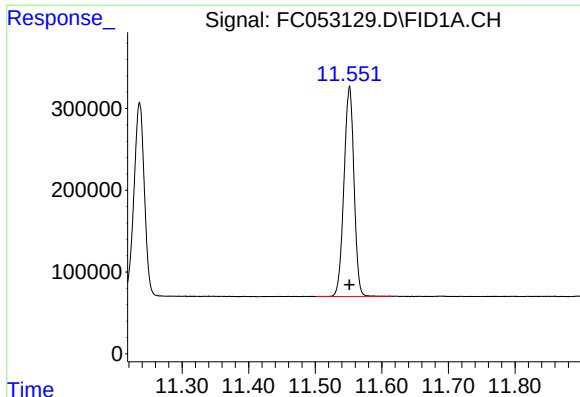
#7 n-Hexadecane (C16)

R.T.: 9.794 min
Delta R.T.: 0.000 min
Response: 2507634
Conc: 19.61 ug/ml



#8 n-Octadecane (C18)

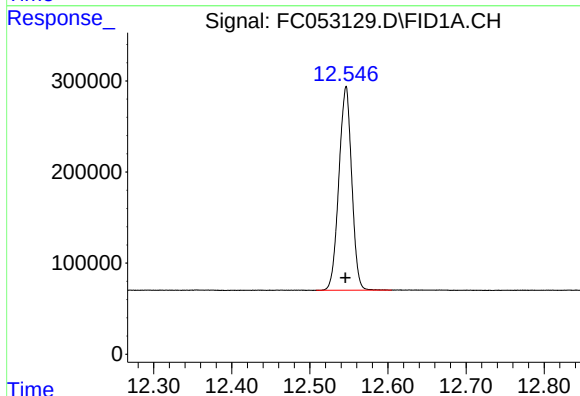
R.T.: 11.236 min
Delta R.T.: 0.000 min
Response: 2579579
Conc: 19.07 ug/ml



#9 ortho-Terphenyl (SURR)

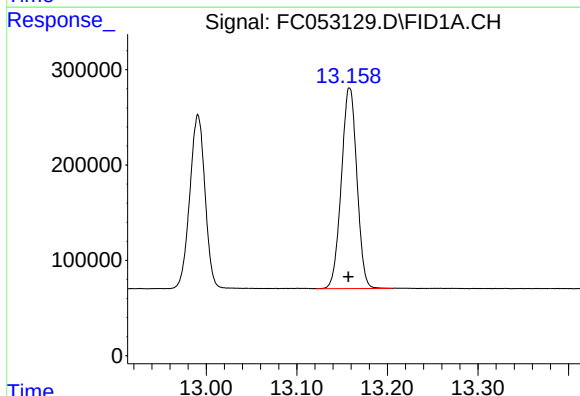
R.T.: 11.551 min
Delta R.T.: 0.000 min
Response: 2687314
Conc: 18.60 ug/ml

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20 PPM ALIPHATIC HC STD



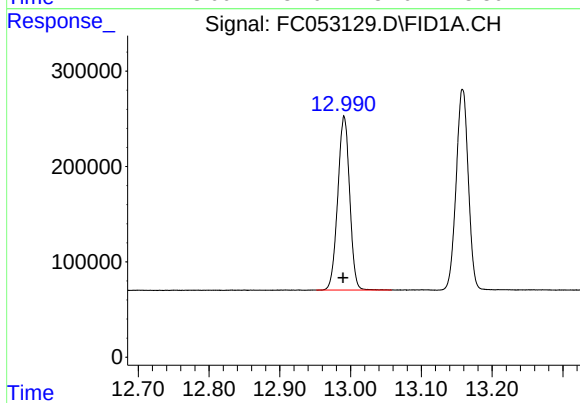
#10 n-Eicosane (C20)

R.T.: 12.546 min
Delta R.T.: 0.000 min
Response: 2550945
Conc: 18.57 ug/ml



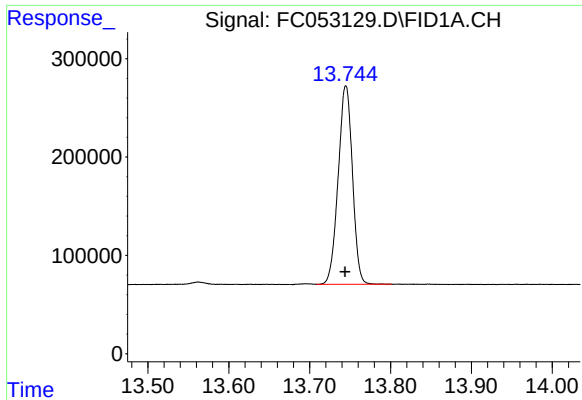
#11 n-Heneicosane (C21)

R.T.: 13.158 min
Delta R.T.: 0.001 min
Response: 2507842
Conc: 18.25 ug/ml



#12 1-chlorooctadecane (SURR)

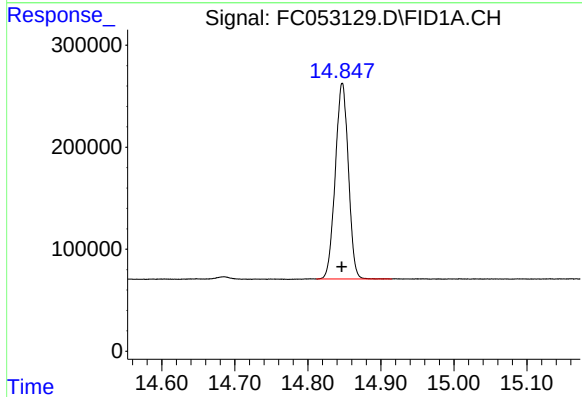
R.T.: 12.991 min
Delta R.T.: 0.001 min
Response: 2128190
Conc: 18.42 ug/ml



#13 n-Docosane (C22)

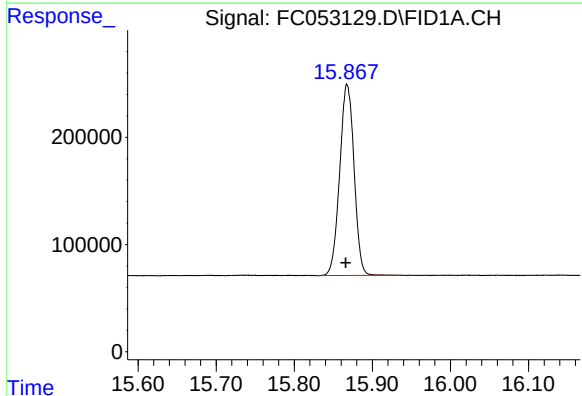
R.T.: 13.745 min
Delta R.T.: 0.001 min
Response: 2472719
Conc: 17.94 ug/ml

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20 PPM ALIPHATIC HC STD



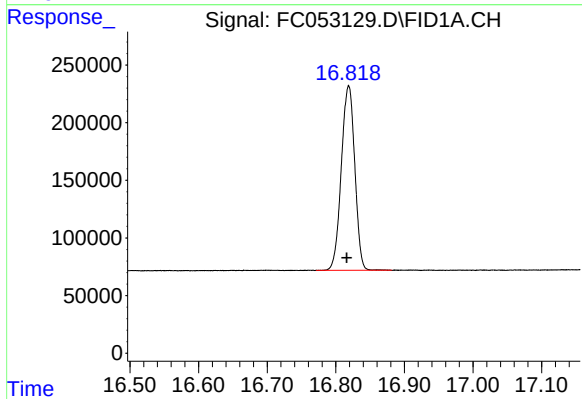
#14 n-Tetracosane (C24)

R.T.: 14.847 min
Delta R.T.: 0.000 min
Response: 2387514
Conc: 17.32 ug/ml



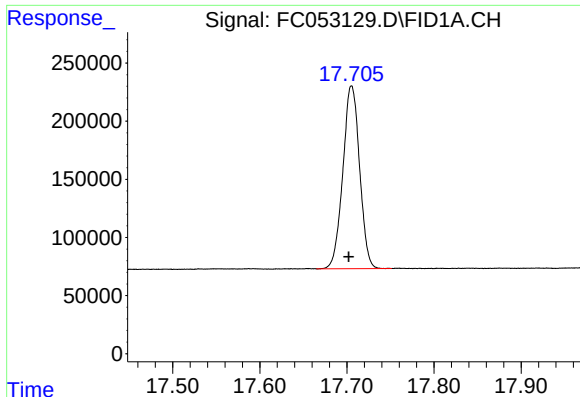
#15 n-Hexacosane (C26)

R.T.: 15.868 min
Delta R.T.: 0.002 min
Response: 2279418
Conc: 16.81 ug/ml



#16 n-Octacosane (C28)

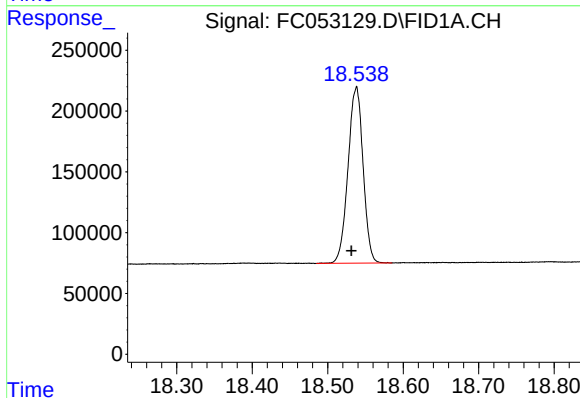
R.T.: 16.819 min
Delta R.T.: 0.002 min
Response: 2182859
Conc: 16.38 ug/ml



#17 n-Tricontane (C30)

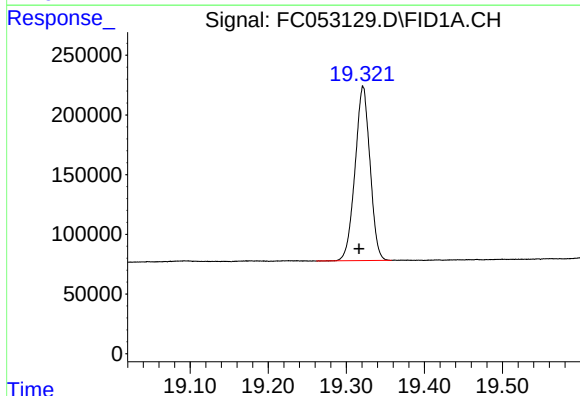
R.T.: 17.705 min
Delta R.T.: 0.003 min
Response: 2097220
Conc: 16.34 ug/ml

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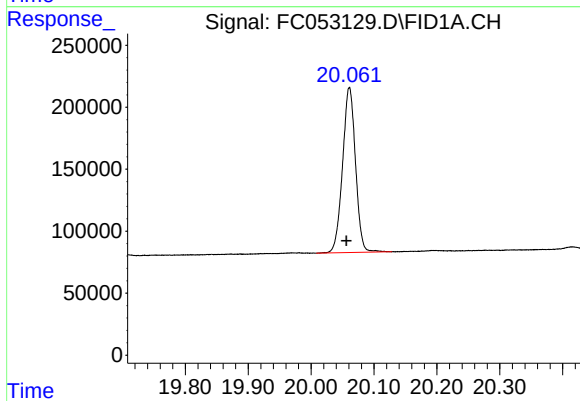
#18 n-Dotriacontane (C32)

R.T.: 18.538 min
Delta R.T.: 0.006 min
Response: 2009084
Conc: 16.82 ug/ml



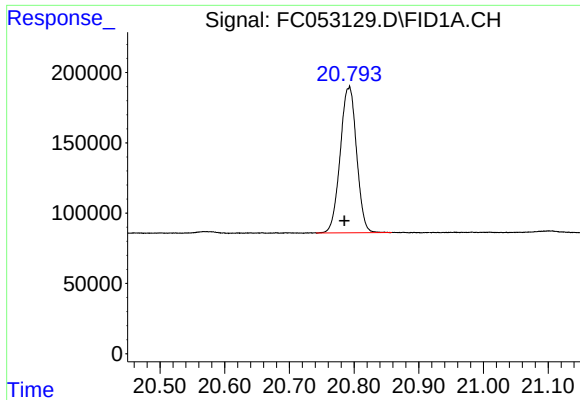
#19 n-Tetratriacontane (C34)

R.T.: 19.321 min
Delta R.T.: 0.005 min
Response: 1942445
Conc: 17.54 ug/ml



#20 n-Hexatriacontane (C36)

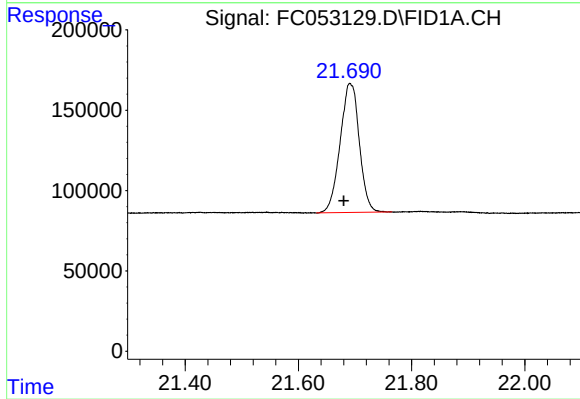
R.T.: 20.061 min
Delta R.T.: 0.005 min
Response: 1902027
Conc: 18.85 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.792 min
Delta R.T.: 0.007 min
Response: 1821356
Conc: 20.44 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.692 min
Delta R.T.: 0.012 min
Response: 1888907
Conc: 23.60 ug/ml