

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD041122AL\
 Data File : FD041930.D
 Signal(s) : FID2B.CH
 Acq On : 11 Apr 2022 11:55
 Operator : UA/NP
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 53 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: Apr 12 02:37:34 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 032222.M
 Quant Title : GC Extractables
 QLast Update : Wed Mar 23 05:05:55 2022
 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)	11.216	3423650	19.306 ug/ml
Spiked Amount 50.000		Recovery =	38.61%
12) S 1-chlorooctadecane (S...	12.655	2639914	19.065 ug/ml
Spiked Amount 50.000		Recovery =	38.13%
Target Compounds			
1) T n-Nonane (C9)	3.086	3068712	20.861 ug/ml
2) T n-Decane (C10)	4.130	3048707	20.878 ug/ml
3) T A~Naphthalene (C11.7)	5.680	3222293	20.629 ug/ml
4) T n-Dodecane (C12)	6.125	3159625	20.976 ug/ml
5) T A~2-methylnaphthalene...	6.726	3185473	20.478 ug/ml
6) T n-Tetradecane (C14)	7.901	3163853	20.771 ug/ml
7) T n-Hexadecane (C16)	9.488	3186295	20.665 ug/ml
8) T n-Octadecane (C18)	10.918	3200057	20.311 ug/ml
10) T n-Eicosane (C20)	12.218	3129800	19.785 ug/ml
11) T n-Heneicosane (C21)	12.825	3105343	19.392 ug/ml
13) T n-Docosane (C22)	13.407	3050080	18.991 ug/ml
14) T n-Tetracosane (C24)	14.502	2937597	18.173 ug/ml
15) T n-Hexacosane (C26)	15.517	2799636	17.334 ug/ml
16) T n-Octacosane (C28)	16.461	2685148	16.681 ug/ml
17) T n-Tricontane (C30)	17.342	2581763	16.383 ug/ml
18) T n-Dotriacontane (C32)	18.169	2431491	16.386 ug/ml
19) T n-Tetratriacontane (C34)	18.948	2291879	17.105 ug/ml
20) T n-Hexatriacontane (C36)	19.683	2152208	17.974 ug/ml
21) T n-Octatriacontane (C38)	20.380	2065461	18.662 ug/ml
22) T n-Tetracontane (C40)	21.153	2012934	18.697 ug/ml

(f)=RT Delta > 1/2 Window

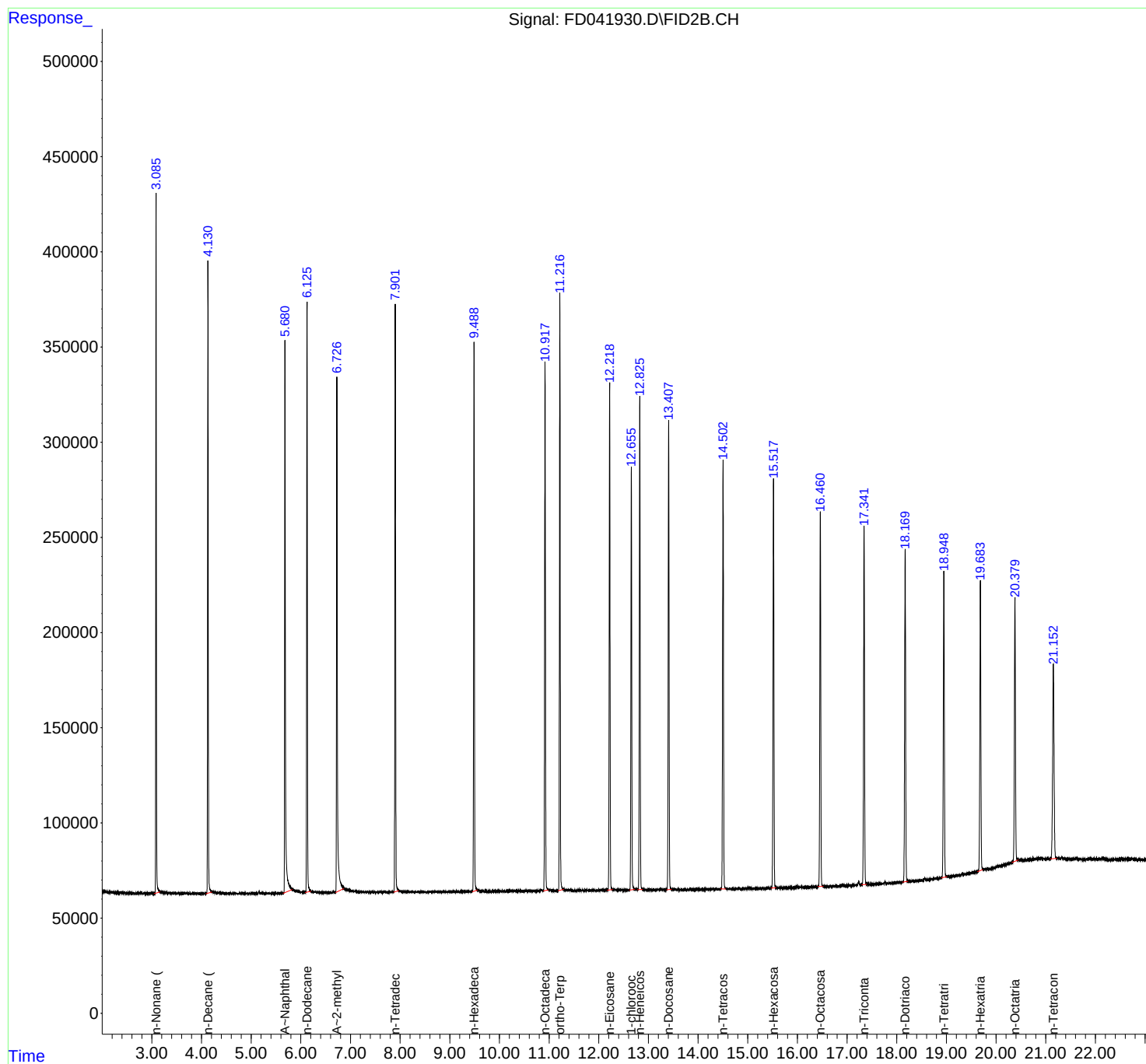
(m)=manual int.

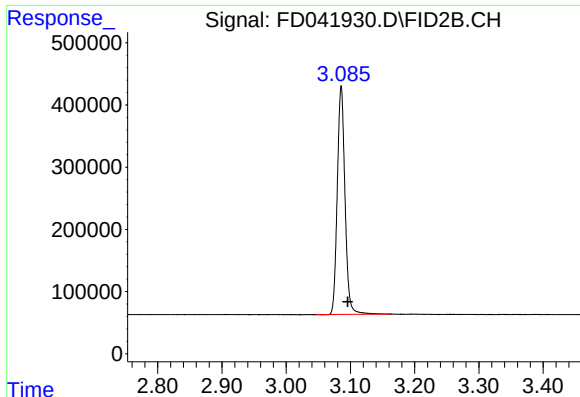
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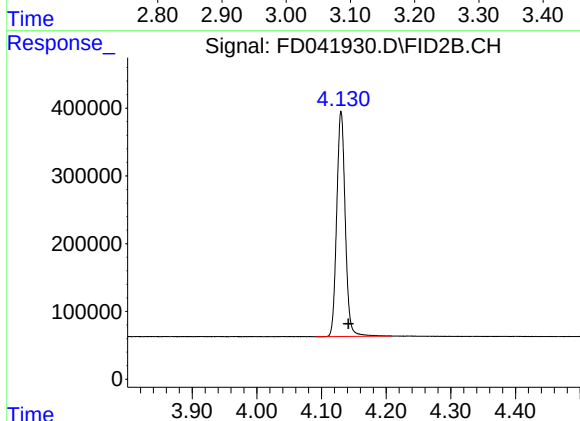




#1 n-Nonane (C9)

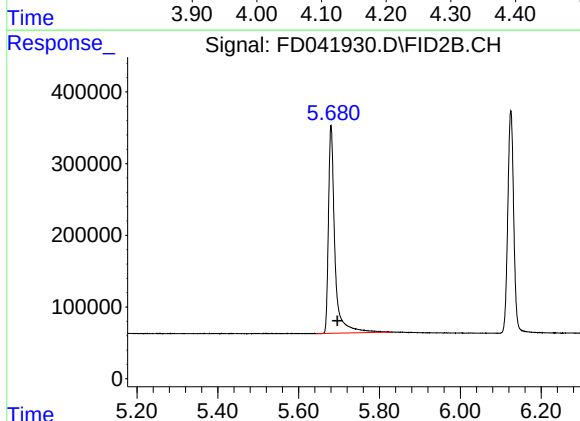
R.T.: 3.086 min
Delta R.T.: -0.010 min
Response: 3068712
Conc: 20.86 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



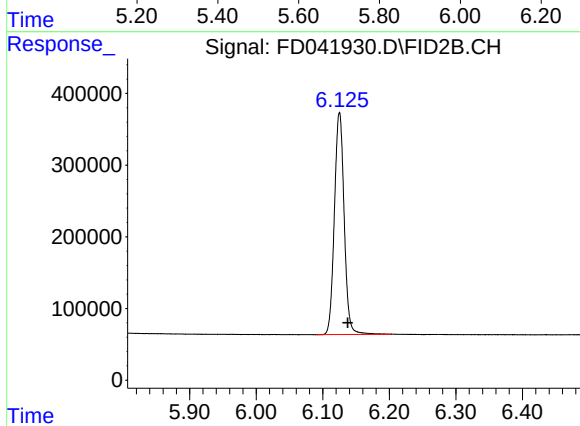
#2 n-Decane (C10)

R.T.: 4.130 min
Delta R.T.: -0.011 min
Response: 3048707
Conc: 20.88 ug/ml



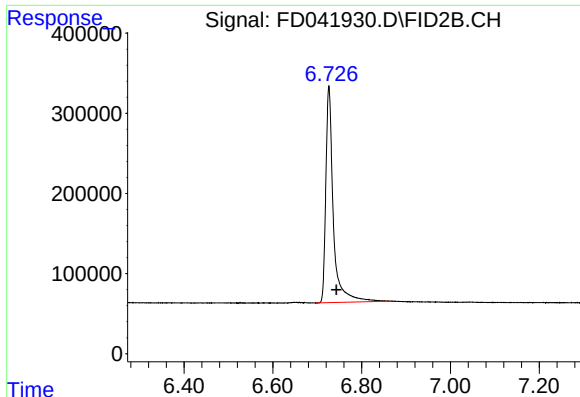
#3 A~Naphthalene (C11.7)

R.T.: 5.680 min
Delta R.T.: -0.016 min
Response: 3222293
Conc: 20.63 ug/ml



#4 n-Dodecane (C12)

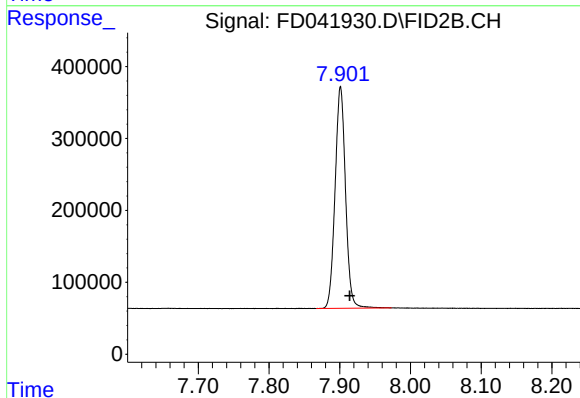
R.T.: 6.125 min
Delta R.T.: -0.012 min
Response: 3159625
Conc: 20.98 ug/ml



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

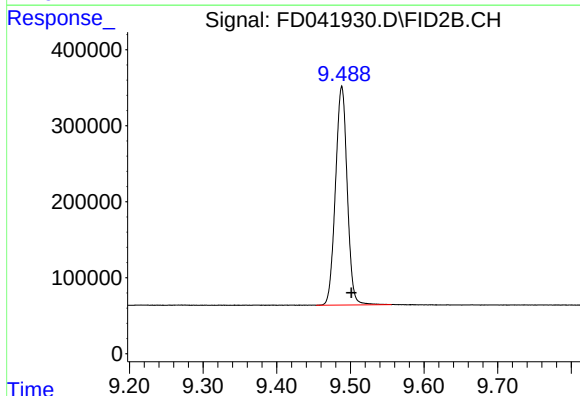
R.T.: 6.726 min
Delta R.T.: -0.017 min
Response: 3185473
Conc: 20.48 ug/ml

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20 PPM ALIPHATIC HC STD



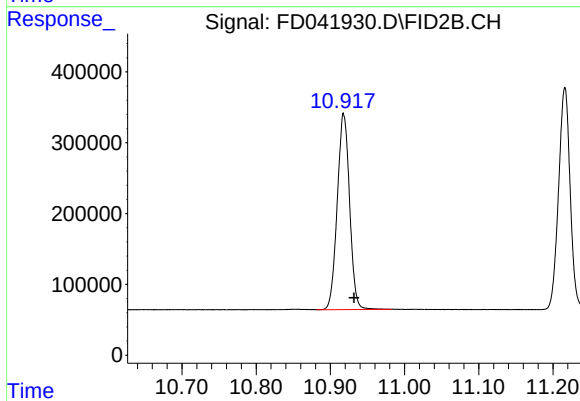
#6 n-Tetradecane (C14)

R.T.: 7.901 min
Delta R.T.: -0.013 min
Response: 3163853
Conc: 20.77 ug/ml



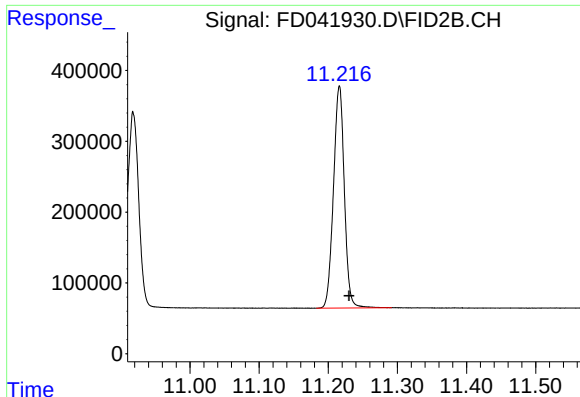
#7 n-Hexadecane (C16)

R.T.: 9.488 min
Delta R.T.: -0.013 min
Response: 3186295
Conc: 20.66 ug/ml



#8 n-Octadecane (C18)

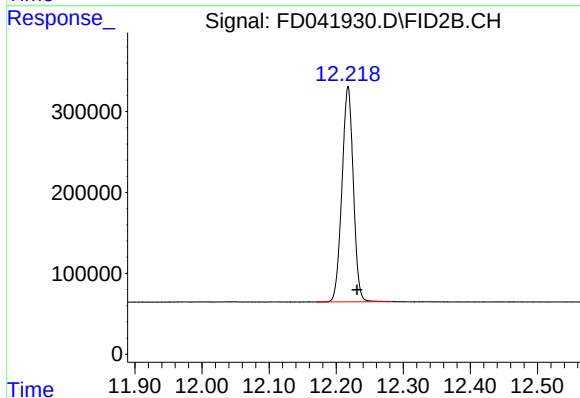
R.T.: 10.918 min
Delta R.T.: -0.014 min
Response: 3200057
Conc: 20.31 ug/ml



#9 ortho-Terphenyl (SURR)

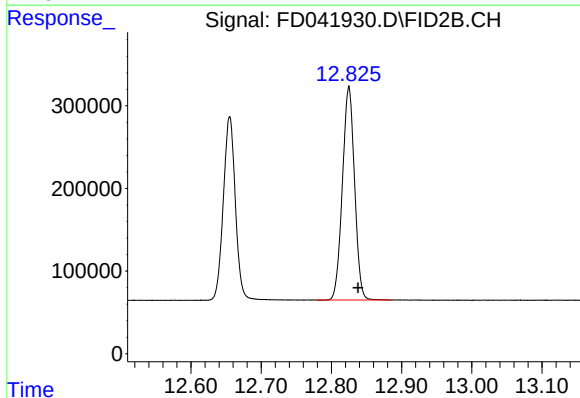
R.T.: 11.216 min
Delta R.T.: -0.014 min
Response: 3423650
Conc: 19.31 ug/ml

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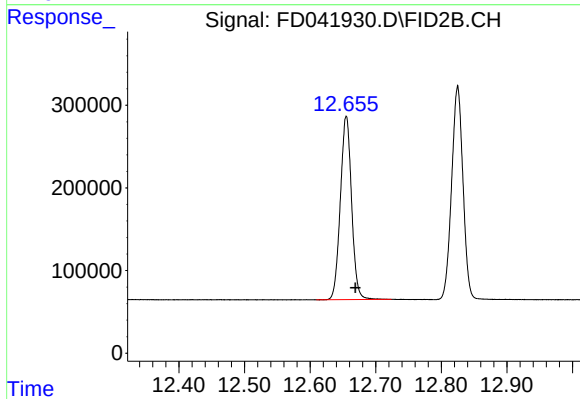
#10 n-Eicosane (C20)

R.T.: 12.218 min
Delta R.T.: -0.013 min
Response: 3129800
Conc: 19.78 ug/ml



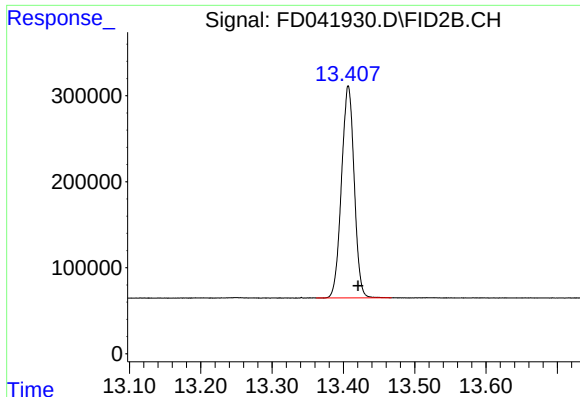
#11 n-Heneicosane (C21)

R.T.: 12.825 min
Delta R.T.: -0.013 min
Response: 3105343
Conc: 19.39 ug/ml



#12 1-chlorooctadecane (SURR)

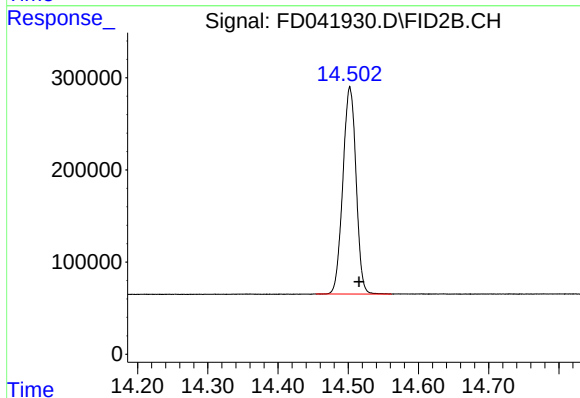
R.T.: 12.655 min
Delta R.T.: -0.014 min
Response: 2639914
Conc: 19.06 ug/ml



#13 n-Docosane (C22)

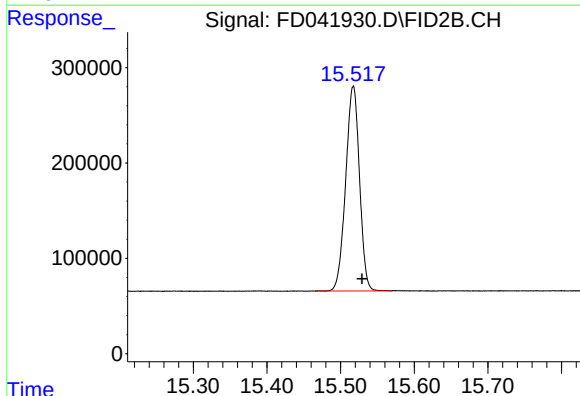
R.T.: 13.407 min
Delta R.T.: -0.014 min
Response: 3050080
Conc: 18.99 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



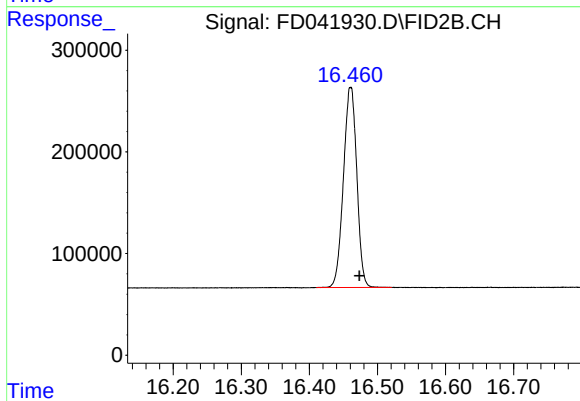
#14 n-Tetracosane (C24)

R.T.: 14.502 min
Delta R.T.: -0.013 min
Response: 2937597
Conc: 18.17 ug/ml



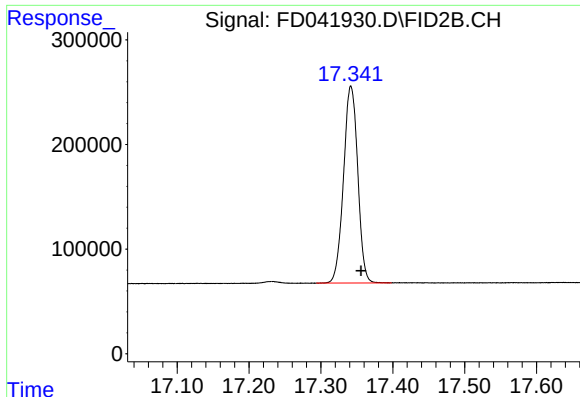
#15 n-Hexacosane (C26)

R.T.: 15.517 min
Delta R.T.: -0.012 min
Response: 2799636
Conc: 17.33 ug/ml



#16 n-Octacosane (C28)

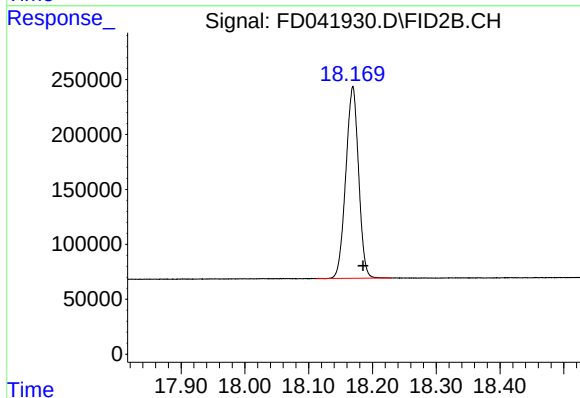
R.T.: 16.461 min
Delta R.T.: -0.013 min
Response: 2685148
Conc: 16.68 ug/ml



#17 n-Tricontane (C30)

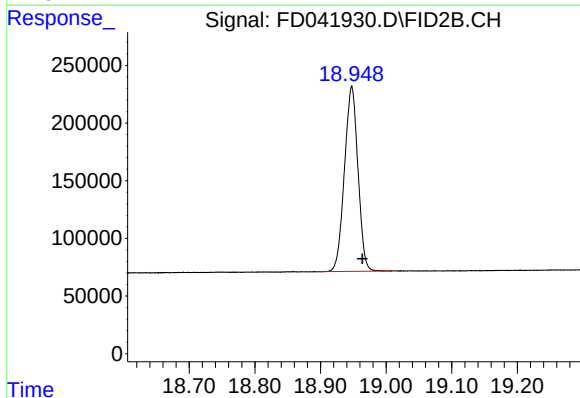
R.T.: 17.342 min
Delta R.T.: -0.014 min
Response: 2581763
Conc: 16.38 ug/ml

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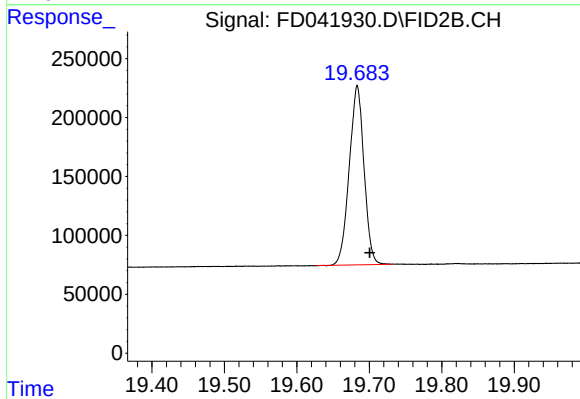
#18 n-Dotriacontane (C32)

R.T.: 18.169 min
Delta R.T.: -0.016 min
Response: 2431491
Conc: 16.39 ug/ml



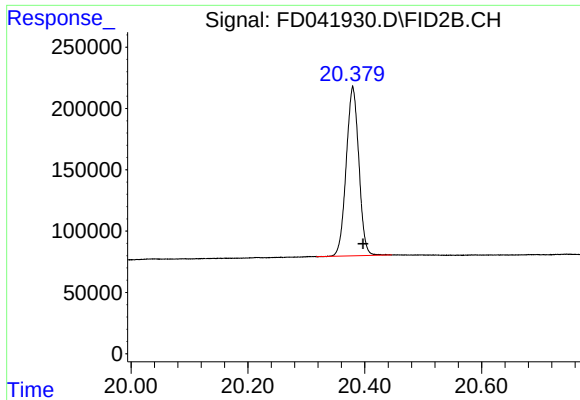
#19 n-Tetratriacontane (C34)

R.T.: 18.948 min
Delta R.T.: -0.016 min
Response: 2291879
Conc: 17.11 ug/ml



#20 n-Hexatriacontane (C36)

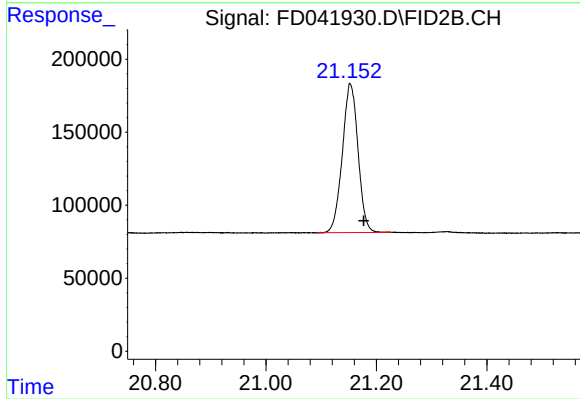
R.T.: 19.683 min
Delta R.T.: -0.017 min
Response: 2152208
Conc: 17.97 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.380 min
Delta R.T.: -0.017 min
Response: 2065461
Conc: 18.66 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.153 min
Delta R.T.: -0.024 min
Response: 2012934
Conc: 18.70 ug/ml