

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD010422AL\
 Data File : FD040430.D
 Signal(s) : FID2B.CH
 Acq On : 05 Jan 2022 17:30
 Operator : AJ\MA
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: Jan 05 17:54:19 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 010422.M
 Quant Title : GC Extractables
 QLast Update : Wed Jan 05 07:08:39 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)	10.631	3558607	23.080 ug/ml
Spiked Amount 50.000		Recovery =	46.16%
12) S 1-chlorooctadecane (S...	12.070	2711048	23.032 ug/ml
Spiked Amount 50.000		Recovery =	46.06%
Target Compounds			
1) T n-Nonane (C9)	2.573	2918884	22.736 ug/ml
2) T n-Decane (C10)	3.561	2951804	22.924 ug/ml
3) T A~Naphthalene (C11.7)	5.093	3321362	23.378 ug/ml
4) T n-Dodecane (C12)	5.531	2981737	23.329 ug/ml
5) T A~2-methylnaphthalene...	6.134	3353948	23.774 ug/ml
6) T n-Tetradecane (C14)	7.309	3057628	23.604 ug/ml
7) T n-Hexadecane (C16)	8.897	3094805	23.754 ug/ml
8) T n-Octadecane (C18)	10.330	3174932	23.431 ug/ml
10) T n-Eicosane (C20)	11.631	3131294	23.021 ug/ml
11) T n-Heneicosane (C21)	12.240	3148388	22.736 ug/ml
13) T n-Docosane (C22)	12.823	3112494	22.573 ug/ml
14) T n-Tetracosane (C24)	13.920	3063882	21.912 ug/ml
15) T n-Hexacosane (C26)	14.936	2943557	21.354 ug/ml
16) T n-Octacosane (C28)	15.880	2855745	21.047 ug/ml
17) T n-Tricontane (C30)	16.763	2756365	21.148 ug/ml
18) T n-Dotriacontane (C32)	17.591	2551993	21.348 ug/ml
19) T n-Tetratriacontane (C34)	18.372	2365666	22.468 ug/ml
20) T n-Hexatriacontane (C36)	19.109	2234439	22.051 ug/ml
21) T n-Octatriacontane (C38)	19.808	2083135	23.316 ug/ml
22) T n-Tetracontane (C40)	20.611	2220694	25.979 ug/ml

(f)=RT Delta > 1/2 Window

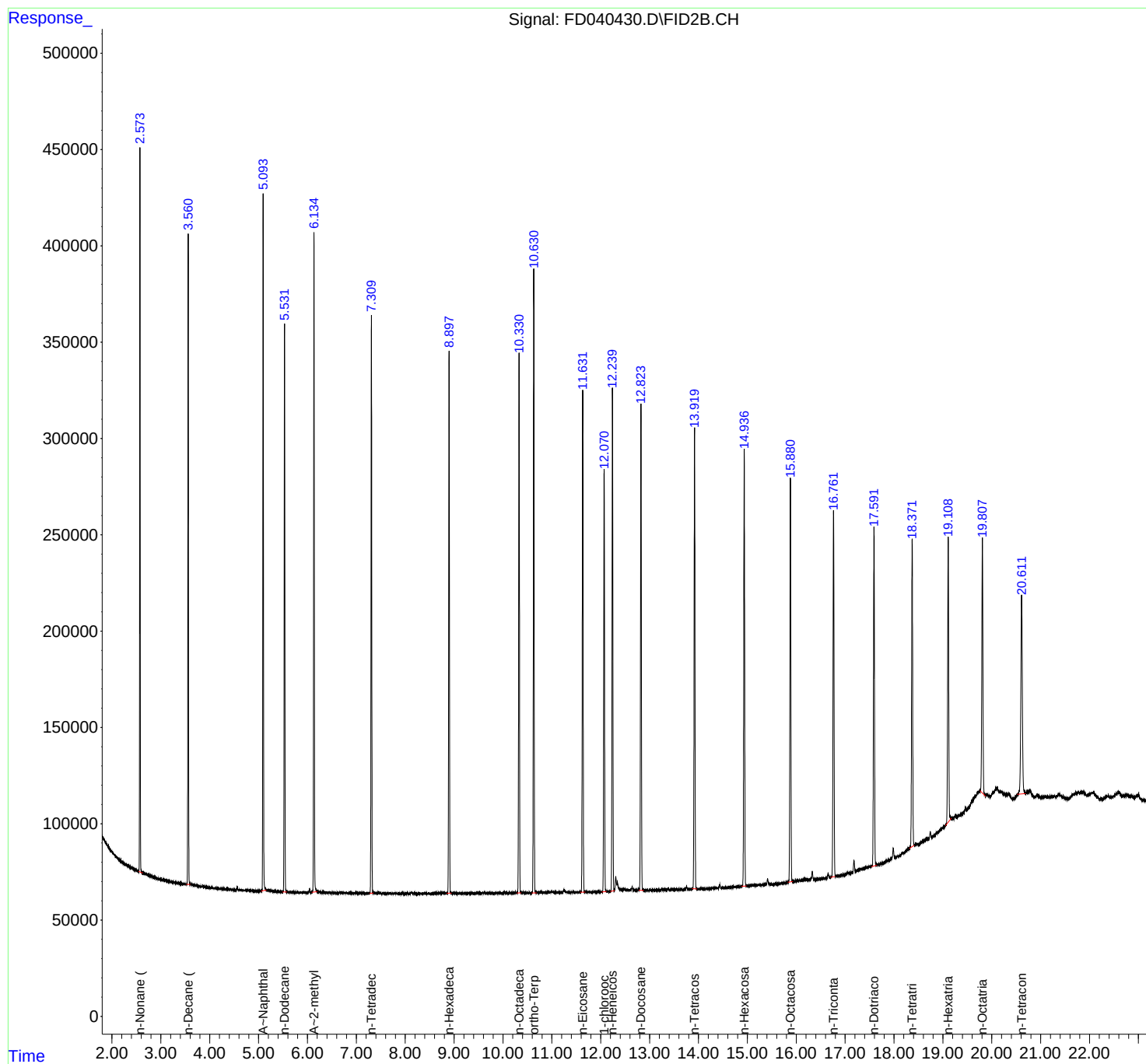
(m)=manual int.

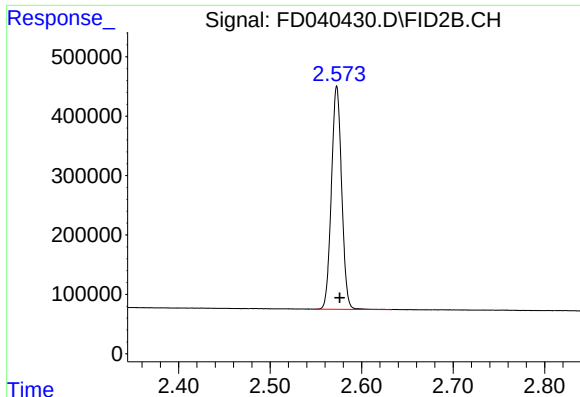
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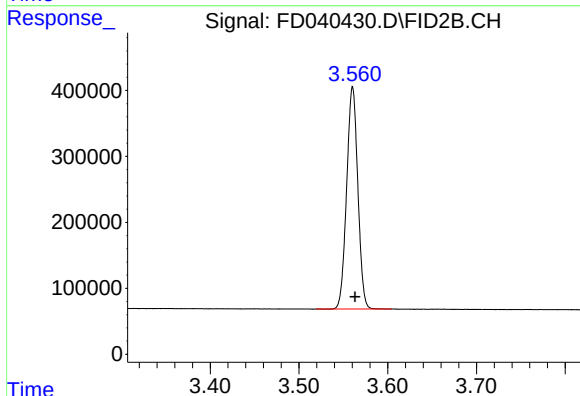




#1 n-Nonane (C9)

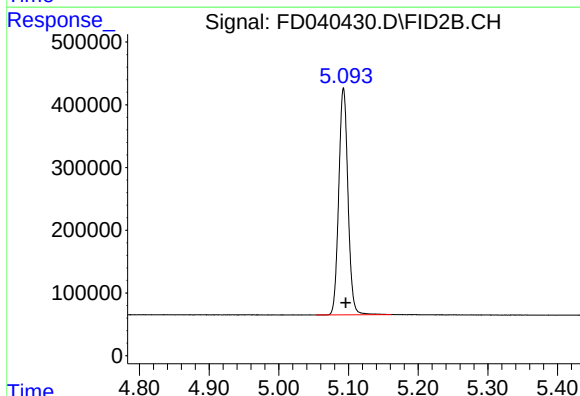
R.T.: 2.573 min
Delta R.T.: -0.003 min
Response: 2918884
Conc: 22.74 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



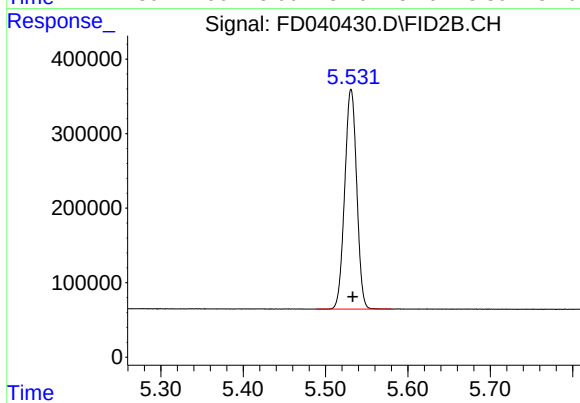
#2 n-Decane (C10)

R.T.: 3.561 min
Delta R.T.: -0.003 min
Response: 2951804
Conc: 22.92 ug/ml



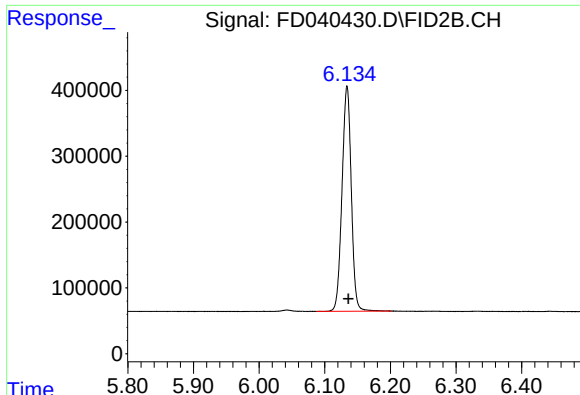
#3 A~Naphthalene (C11.7)

R.T.: 5.093 min
Delta R.T.: -0.003 min
Response: 3321362
Conc: 23.38 ug/ml



#4 n-Dodecane (C12)

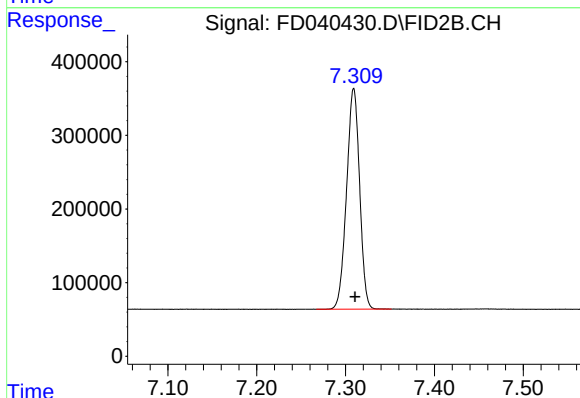
R.T.: 5.531 min
Delta R.T.: -0.002 min
Response: 2981737
Conc: 23.33 ug/ml



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

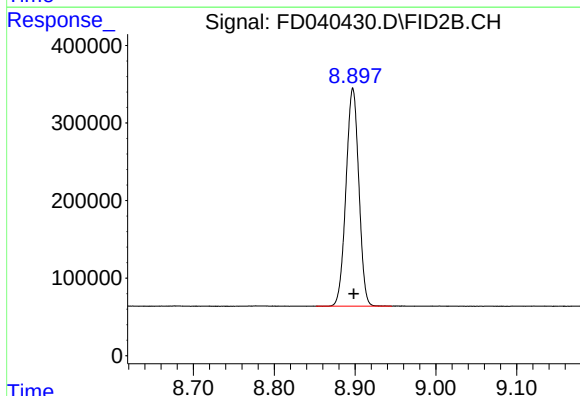
R.T.: 6.134 min
Delta R.T.: -0.002 min
Response: 3353948
Conc: 23.77 ug/ml

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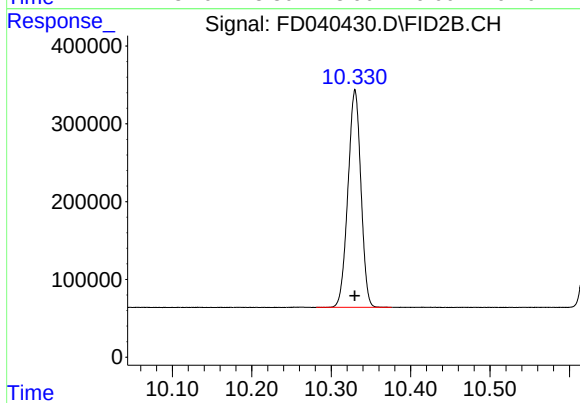
#6 n-Tetradecane (C14)

R.T.: 7.309 min
Delta R.T.: -0.002 min
Response: 3057628
Conc: 23.60 ug/ml



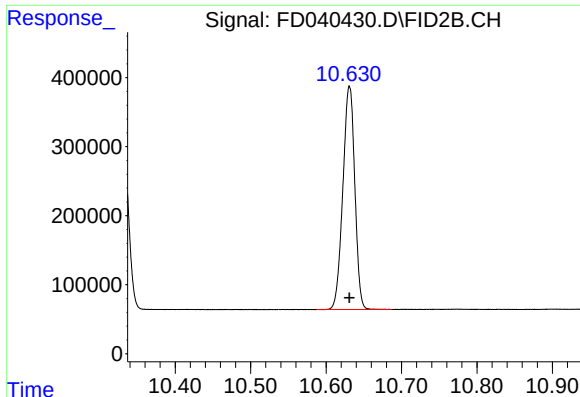
#7 n-Hexadecane (C16)

R.T.: 8.897 min
Delta R.T.: -0.001 min
Response: 3094805
Conc: 23.75 ug/ml



#8 n-Octadecane (C18)

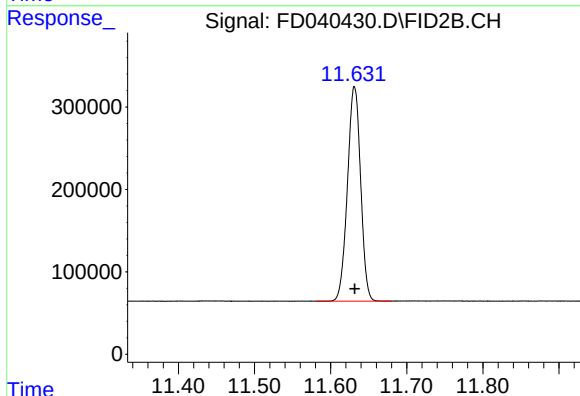
R.T.: 10.330 min
Delta R.T.: 0.000 min
Response: 3174932
Conc: 23.43 ug/ml



#9 ortho-Terphenyl (SURR)

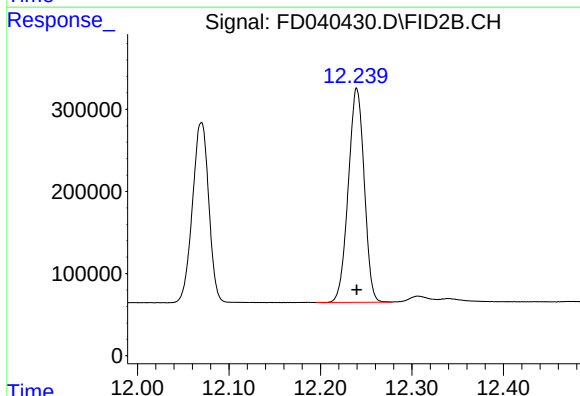
R.T.: 10.631 min
Delta R.T.: 0.000 min
Response: 3558607
Conc: 23.08 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



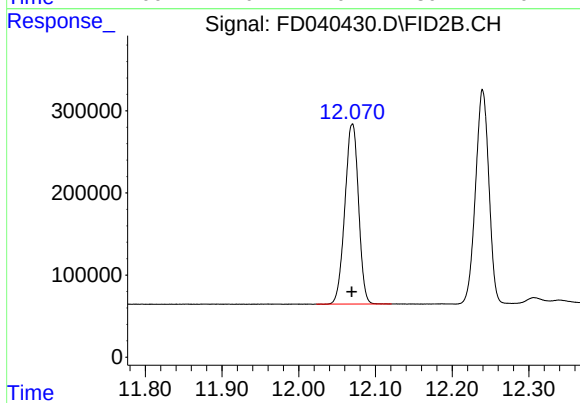
#10 n-Eicosane (C20)

R.T.: 11.631 min
Delta R.T.: 0.000 min
Response: 3131294
Conc: 23.02 ug/ml



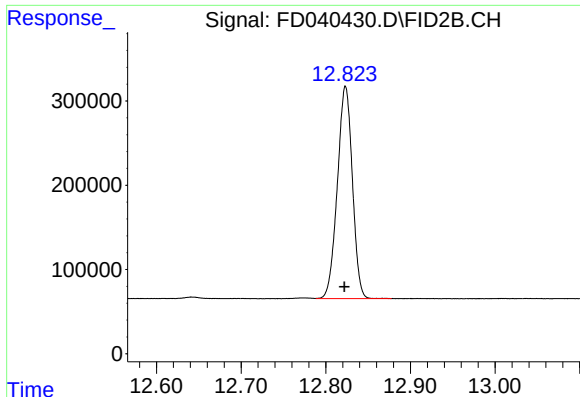
#11 n-Heneicosane (C21)

R.T.: 12.240 min
Delta R.T.: 0.000 min
Response: 3148388
Conc: 22.74 ug/ml



#12 1-chlorooctadecane (SURR)

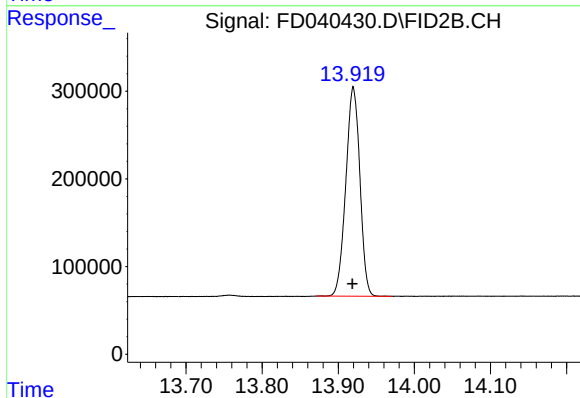
R.T.: 12.070 min
Delta R.T.: 0.000 min
Response: 2711048
Conc: 23.03 ug/ml



#13 n-Docosane (C22)

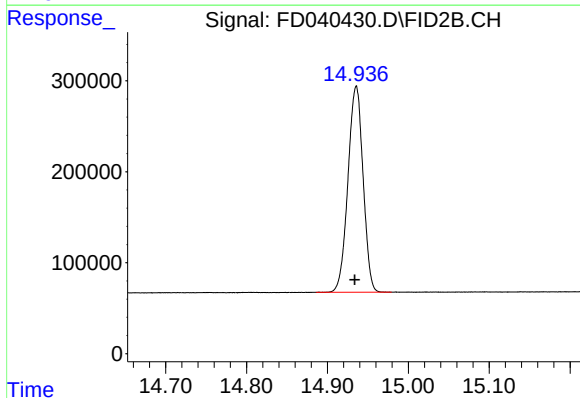
R.T.: 12.823 min
Delta R.T.: 0.001 min
Response: 3112494
Conc: 22.57 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



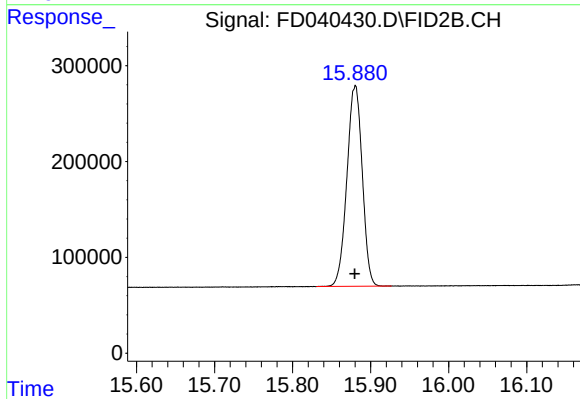
#14 n-Tetracosane (C24)

R.T.: 13.920 min
Delta R.T.: 0.001 min
Response: 3063882
Conc: 21.91 ug/ml



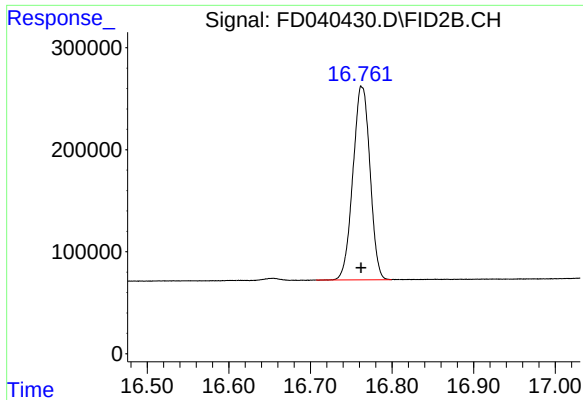
#15 n-Hexacosane (C26)

R.T.: 14.936 min
Delta R.T.: 0.002 min
Response: 2943557
Conc: 21.35 ug/ml



#16 n-Octacosane (C28)

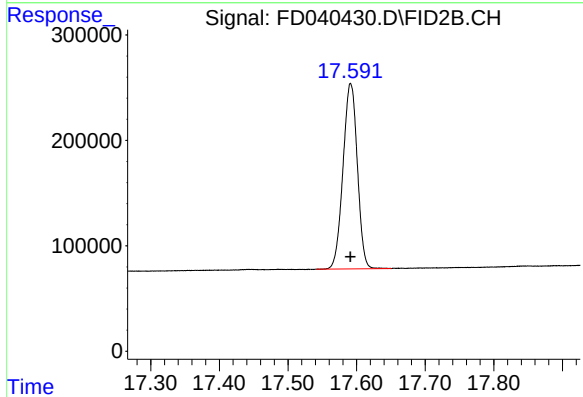
R.T.: 15.880 min
Delta R.T.: 0.000 min
Response: 2855745
Conc: 21.05 ug/ml



#17 n-Tricontane (C30)

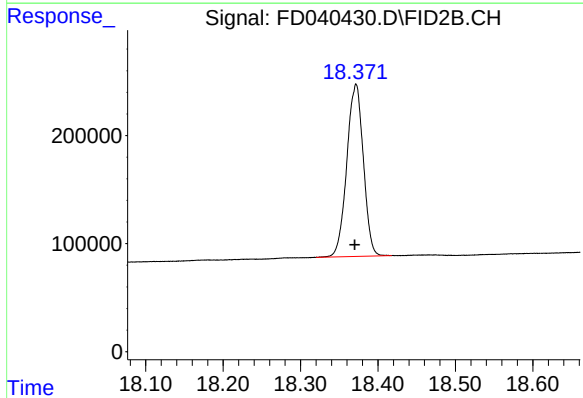
R.T.: 16.763 min
Delta R.T.: 0.000 min
Response: 2756365
Conc: 21.15 ug/ml

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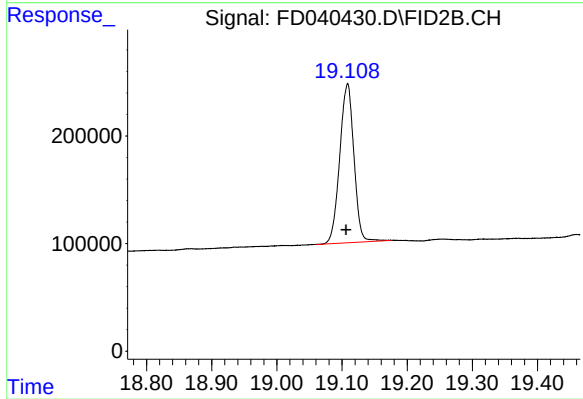
#18 n-Dotriacontane (C32)

R.T.: 17.591 min
Delta R.T.: 0.000 min
Response: 2551993
Conc: 21.35 ug/ml



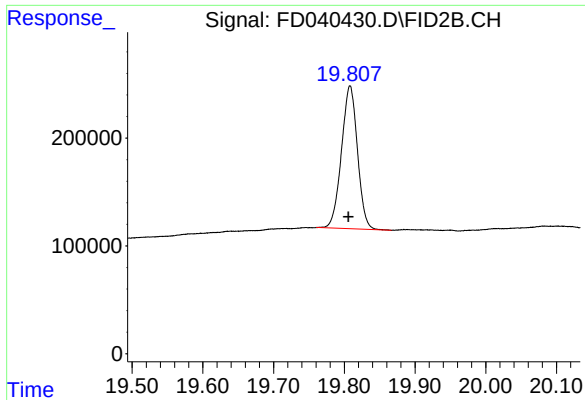
#19 n-Tetratriacontane (C34)

R.T.: 18.372 min
Delta R.T.: 0.002 min
Response: 2365666
Conc: 22.47 ug/ml



#20 n-Hexatriacontane (C36)

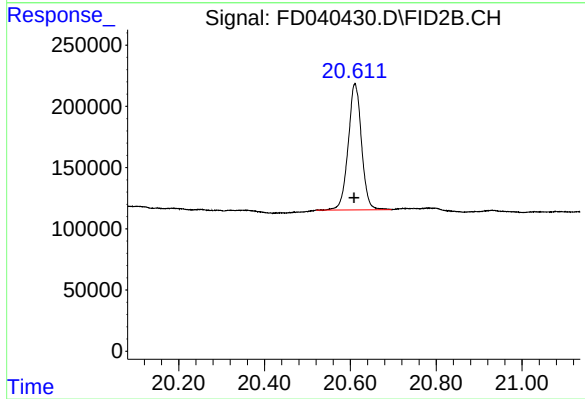
R.T.: 19.109 min
Delta R.T.: 0.002 min
Response: 2234439
Conc: 22.05 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 19.808 min
Delta R.T.: 0.002 min
Response: 2083135
Conc: 23.32 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 20.611 min
Delta R.T.: 0.002 min
Response: 2220694
Conc: 25.98 ug/ml