

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD061621AL\
 Data File : FD037925.D
 Signal(s) : FID2B.CH
 Acq On : 16 Jun 2021 12:25
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: Jun 17 02:20:15 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Alaphatic EPH 061021.M
 Quant Title : GC Extractables
 QLast Update : Fri Jun 11 05:11:15 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)	11.438	2772409	19.535 ug/ml
Spiked Amount 50.000		Recovery =	39.07%
12) S 1-chlorooctadecane (S...	12.873	2125989	19.069 ug/ml
Spiked Amount 50.000		Recovery =	38.14%
Target Compounds			
1) T n-Nonane (C9)	3.248	2499507	20.673 ug/ml
2) T n-Decane (C10)	4.305	2536755	20.695 ug/ml
3) T A~Naphthalene (C11.7)	5.876	2801804	20.776 ug/ml
4) T n-Dodecane (C12)	6.313	2581015	21.024 ug/ml
5) T A~2-methylnaphthalene...	6.928	2817144	20.805 ug/ml
6) T n-Tetradecane (C14)	8.100	2625184	20.920 ug/ml
7) T n-Hexadecane (C16)	9.693	2597020	20.291 ug/ml
8) T n-Octadecane (C18)	11.129	2616343	19.800 ug/ml
10) T n-Eicosane (C20)	12.432	2540312	19.248 ug/ml
11) T n-Heneicosane (C21)	13.041	2532020	19.081 ug/ml
13) T n-Docosane (C22)	13.623	2470213	18.840 ug/ml
14) T n-Tetracosane (C24)	14.721	2399603	18.388 ug/ml
15) T n-Hexacosane (C26)	15.737	2276274	17.935 ug/ml
16) T n-Octacosane (C28)	16.682	2179511	17.565 ug/ml
17) T n-Tricontane (C30)	17.565	2087691	17.350 ug/ml
18) T n-Dotriacontane (C32)	18.393	1988380	17.372 ug/ml
19) T n-Tetratriacontane (C34)	19.173	1930523	17.861 ug/ml
20) T n-Hexatriacontane (C36)	19.910	1847924	18.504 ug/ml
21) T n-Octatriacontane (C38)	20.616	1813369	19.742 ug/ml
22) T n-Tetracontane (C40)	21.449	1867226	19.630 ug/ml

(f)=RT Delta > 1/2 Window

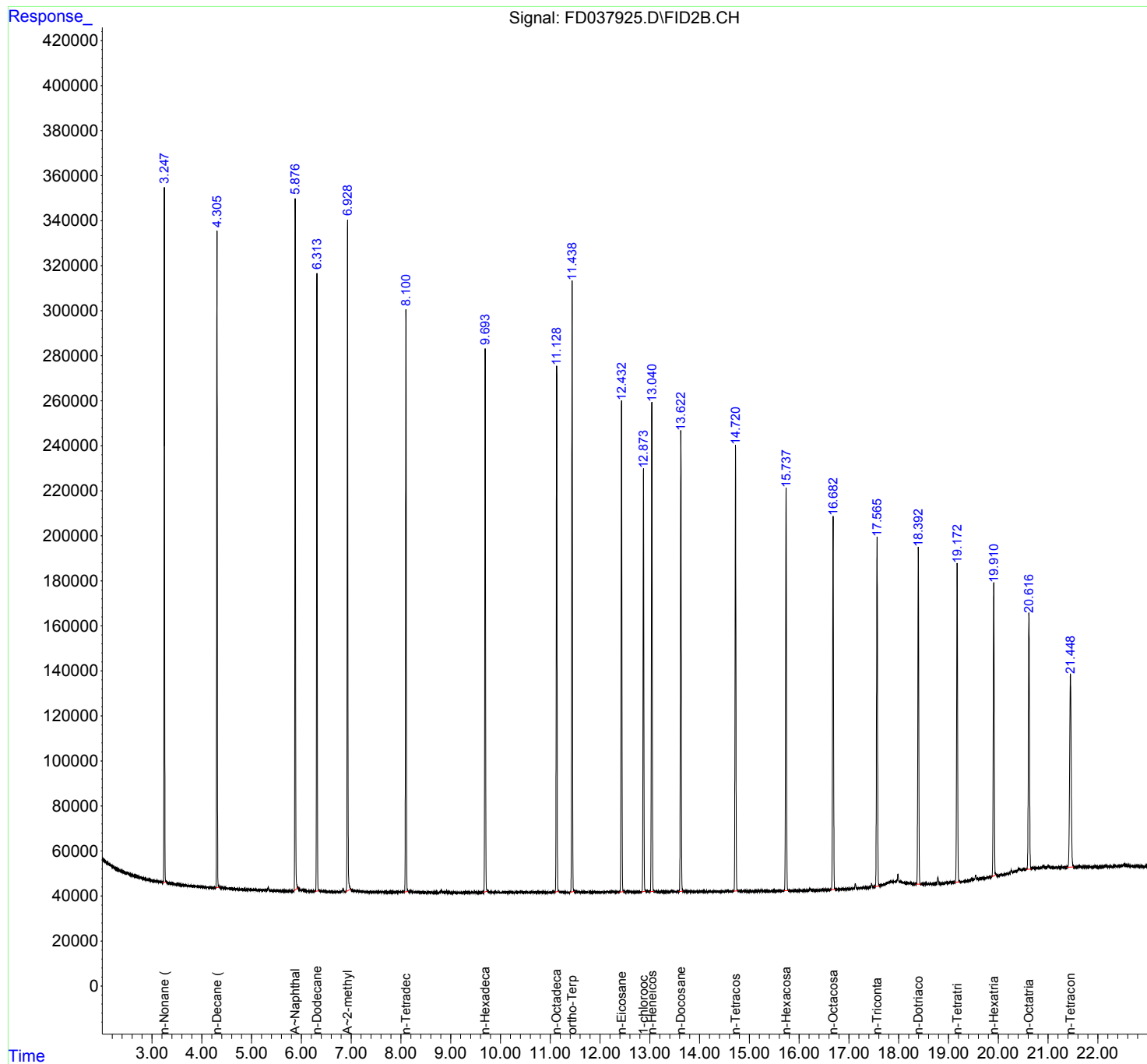
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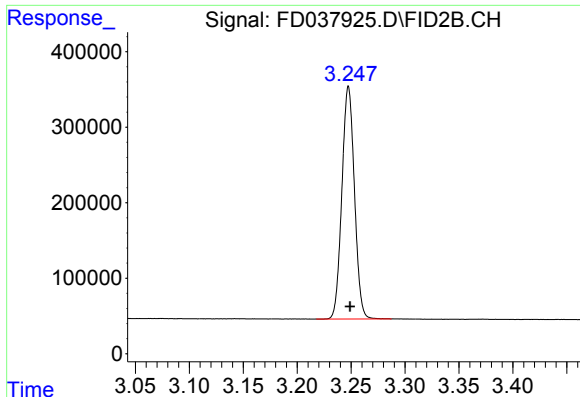
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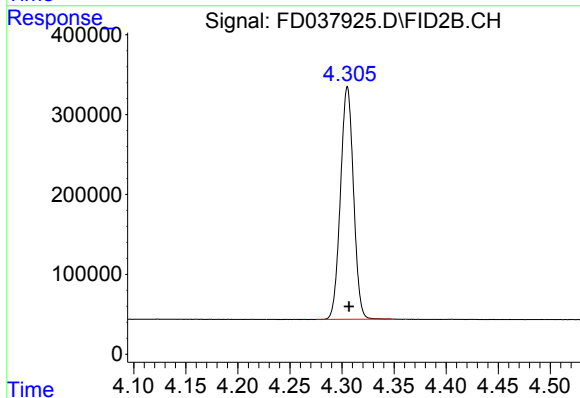




#1 n-Nonane (C9)

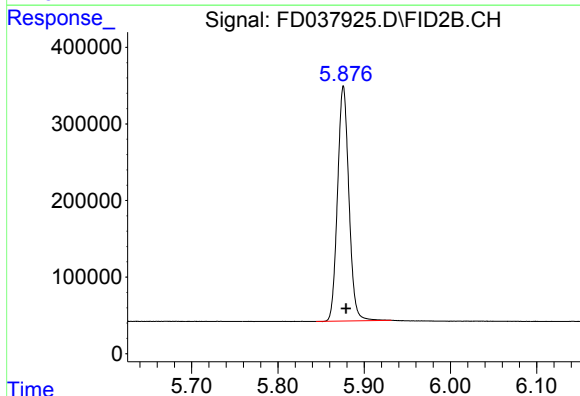
R.T.: 3.248 min
Delta R.T.: -0.001 min
Response: 2499507
Conc: 20.67 ug/ml

Instrument :
FID_D
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20 PPM ALIPHATIC HC STD



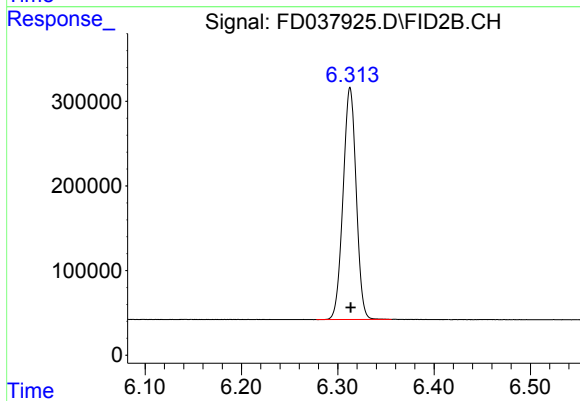
#2 n-Decane (C10)

R.T.: 4.305 min
Delta R.T.: -0.002 min
Response: 2536755
Conc: 20.70 ug/ml



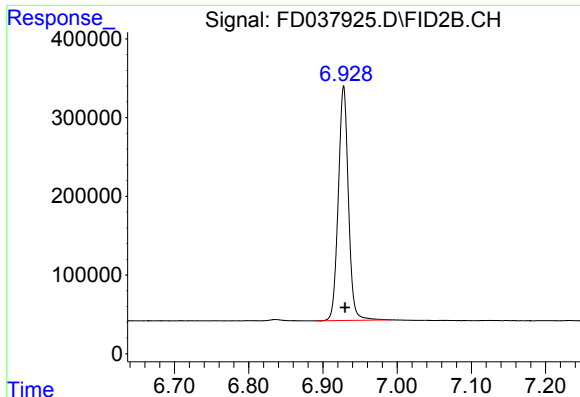
#3 A~Naphthalene (C11.7)

R.T.: 5.876 min
Delta R.T.: -0.003 min
Response: 2801804
Conc: 20.78 ug/ml



#4 n-Dodecane (C12)

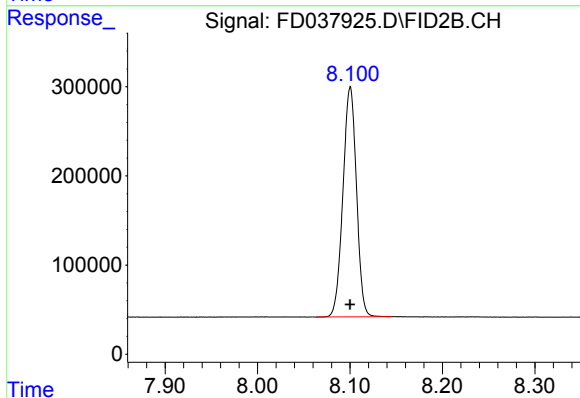
R.T.: 6.313 min
Delta R.T.: 0.000 min
Response: 2581015
Conc: 21.02 ug/ml



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

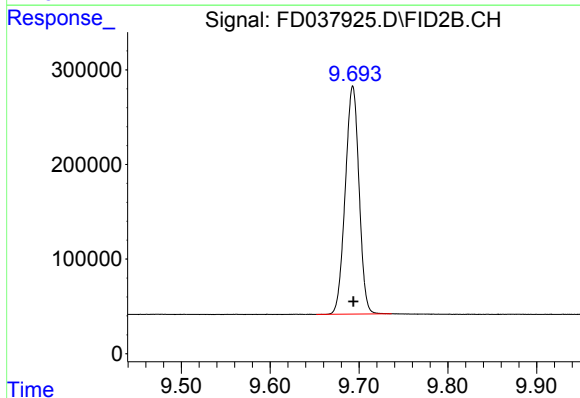
R.T.: 6.928 min
Delta R.T.: -0.002 min
Response: 2817144
Conc: 20.80 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



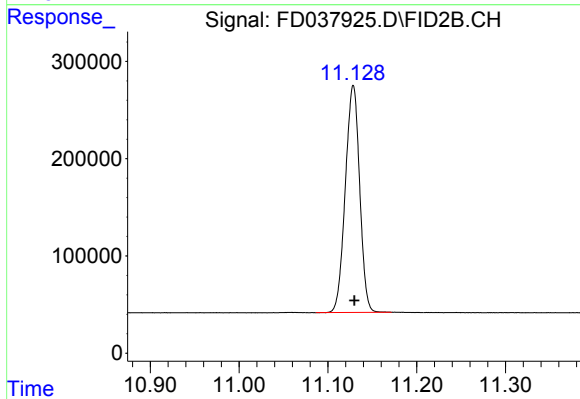
#6 n-Tetradecane (C14)

R.T.: 8.100 min
Delta R.T.: 0.000 min
Response: 2625184
Conc: 20.92 ug/ml



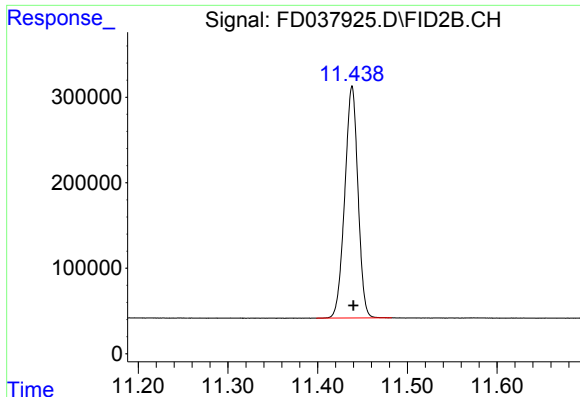
#7 n-Hexadecane (C16)

R.T.: 9.693 min
Delta R.T.: 0.000 min
Response: 2597020
Conc: 20.29 ug/ml



#8 n-Octadecane (C18)

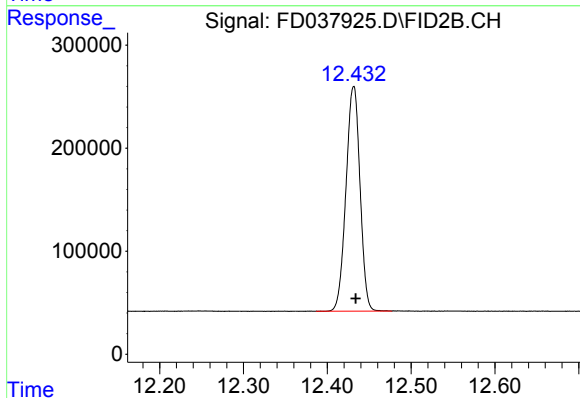
R.T.: 11.129 min
Delta R.T.: -0.001 min
Response: 2616343
Conc: 19.80 ug/ml



#9 ortho-Terphenyl (SURR)

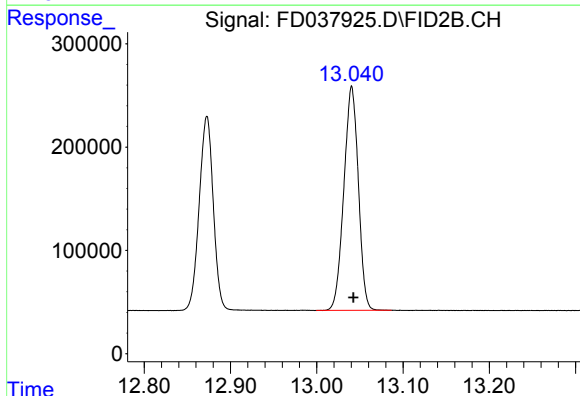
R.T.: 11.438 min
Delta R.T.: -0.001 min
Response: 2772409
Conc: 19.54 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



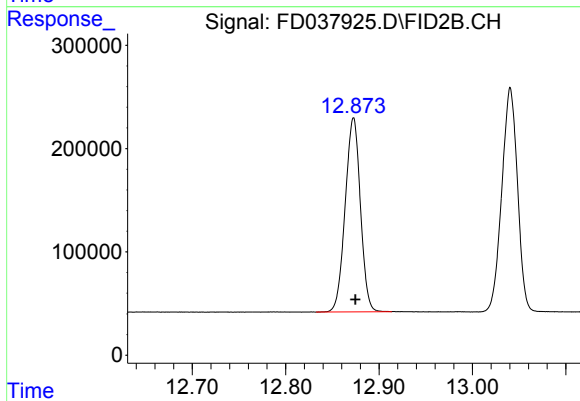
#10 n-Eicosane (C20)

R.T.: 12.432 min
Delta R.T.: -0.002 min
Response: 2540312
Conc: 19.25 ug/ml



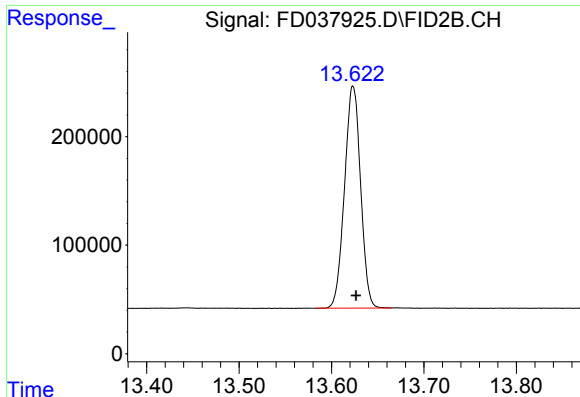
#11 n-Heneicosane (C21)

R.T.: 13.041 min
Delta R.T.: -0.002 min
Response: 2532020
Conc: 19.08 ug/ml



#12 1-chlorooctadecane (SURR)

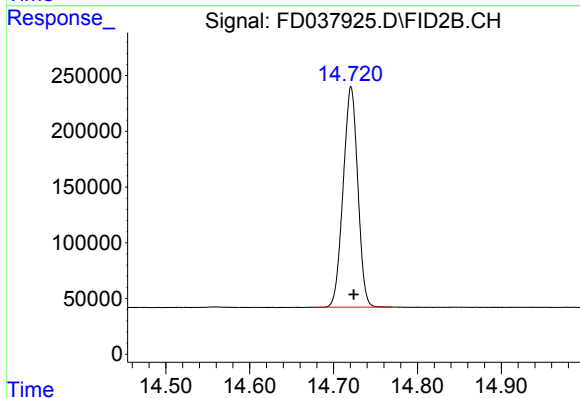
R.T.: 12.873 min
Delta R.T.: -0.002 min
Response: 2125989
Conc: 19.07 ug/ml



#13 n-Docosane (C22)

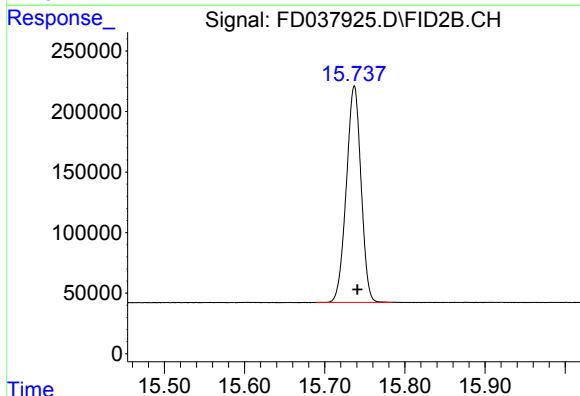
R.T.: 13.623 min
Delta R.T.: -0.003 min
Response: 2470213
Conc: 18.84 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



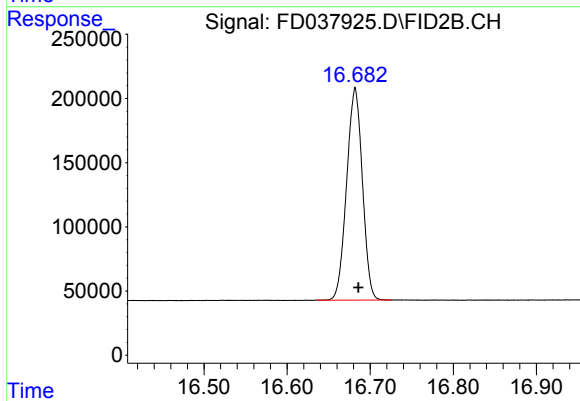
#14 n-Tetracosane (C24)

R.T.: 14.721 min
Delta R.T.: -0.003 min
Response: 2399603
Conc: 18.39 ug/ml



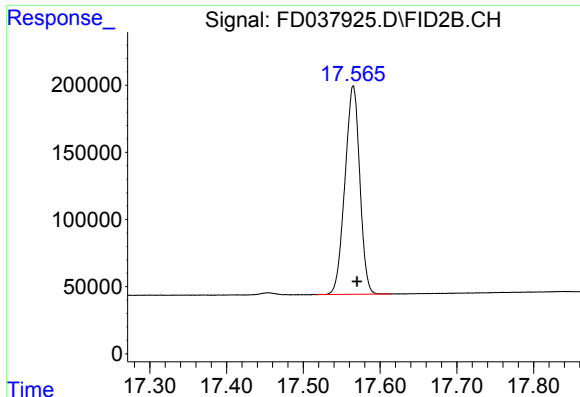
#15 n-Hexacosane (C26)

R.T.: 15.737 min
Delta R.T.: -0.004 min
Response: 2276274
Conc: 17.93 ug/ml



#16 n-Octacosane (C28)

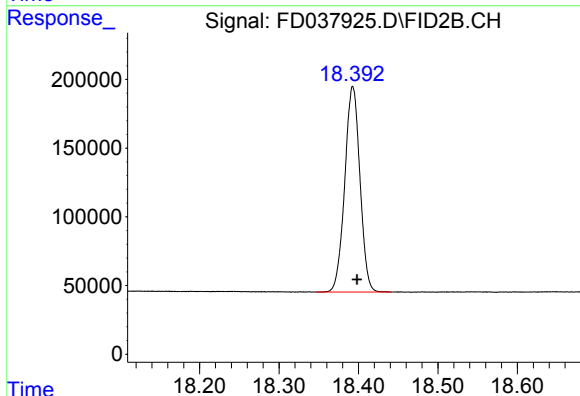
R.T.: 16.682 min
Delta R.T.: -0.004 min
Response: 2179511
Conc: 17.56 ug/ml



#17 n-Tricontane (C30)

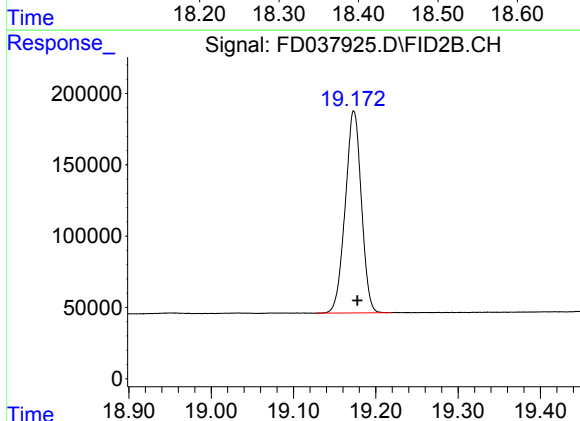
R.T.: 17.565 min
Delta R.T.: -0.005 min
Response: 2087691
Conc: 17.35 ug/ml

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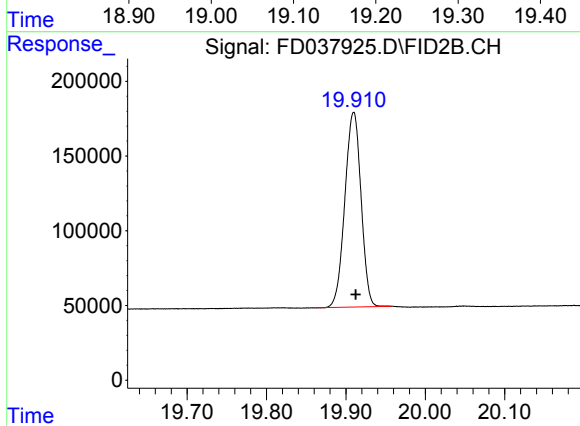
#18 n-Dotriacontane (C32)

R.T.: 18.393 min
Delta R.T.: -0.005 min
Response: 1988380
Conc: 17.37 ug/ml



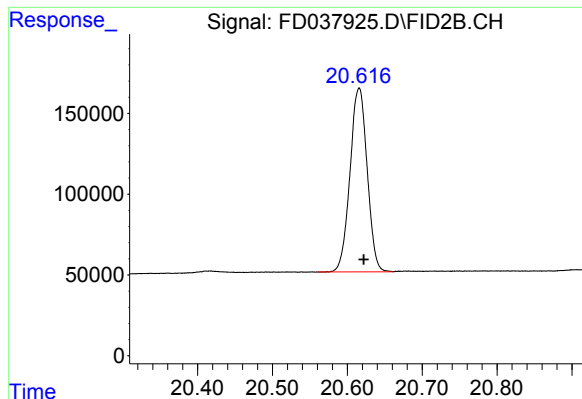
#19 n-Tetratriacontane (C34)

R.T.: 19.173 min
Delta R.T.: -0.004 min
Response: 1930523
Conc: 17.86 ug/ml



#20 n-Hexatriacontane (C36)

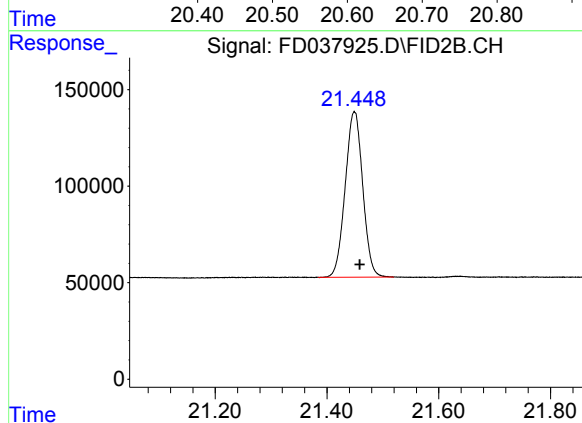
R.T.: 19.910 min
Delta R.T.: -0.003 min
Response: 1847924
Conc: 18.50 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.616 min
Delta R.T.: -0.006 min
Response: 1813369
Conc: 19.74 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.449 min
Delta R.T.: -0.010 min
Response: 1867226
Conc: 19.63 ug/ml