

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD121521AL\
 Data File : FD039924.D
 Signal(s) : FID2B.CH
 Acq On : 15 Dec 2021 18:00
 Operator : AJ\MA
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 54 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Manual Integrations
 APPROVED

Reviewed By :Ankita Jodhani 12/16/2021
 Supervised By :Yogesh Patel 12/16/2021

Integration File: sample.E
 Quant Time: Dec 16 01:24:34 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 121521.M
 Quant Title : GC Extractables
 QLast Update : Wed Dec 15 16:44:55 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)	10.798	3043834	19.389 ug/ml
Spiked Amount 50.000		Recovery =	38.78%
12) S 1-chlorooctadecane (S...	12.230	2394187	19.387 ug/ml
Spiked Amount 50.000		Recovery =	38.77%
Target Compounds			
1) T n-Nonane (C9)	2.687	2721707	19.341 ug/ml
2) T n-Decane (C10)	3.691	2749797	19.279 ug/ml
3) T A~Naphthalene (C11.7)	5.246	3093534	19.271 ug/ml
4) T n-Dodecane (C12)	5.674	2769608	19.397 ug/ml
5) T A~2-methylnaphthalene...	6.291	3124713	19.363 ug/ml
6) T n-Tetradecane (C14)	7.456	2797596	19.410 ug/ml
7) T n-Hexadecane (C16)	9.048	2822385	19.401 ug/ml
8) T n-Octadecane (C18)	10.485	2887606	19.405 ug/ml
10) T n-Eicosane (C20)	11.789	2838331	19.407 ug/ml
11) T n-Heneicosane (C21)	12.398	2852745	19.417 ug/ml
13) T n-Docosane (C22)	12.982	2820470	19.315 ug/ml
14) T n-Tetracosane (C24)	14.081	2793524	19.181 ug/ml
15) T n-Hexacosane (C26)	15.099	2676983	19.086 ug/ml
16) T n-Octacosane (C28)	16.045	2634827	19.427 ug/ml
17) T n-Tricontane (C30)	16.930	2747693	21.027 ug/ml
18) T n-Dotriacontane (C32)	17.762	2939102	23.616 ug/ml
19) T n-Tetratriacontane (C34)	18.543	2895937	23.977 ug/ml
20) T n-Hexatriacontane (C36)	19.282	2717755	23.632 ug/ml
21) T n-Octatriacontane (C38)	19.999	2468196	22.112 ug/ml
22) T n-Tetracontane (C40)	20.865	2379452	20.882 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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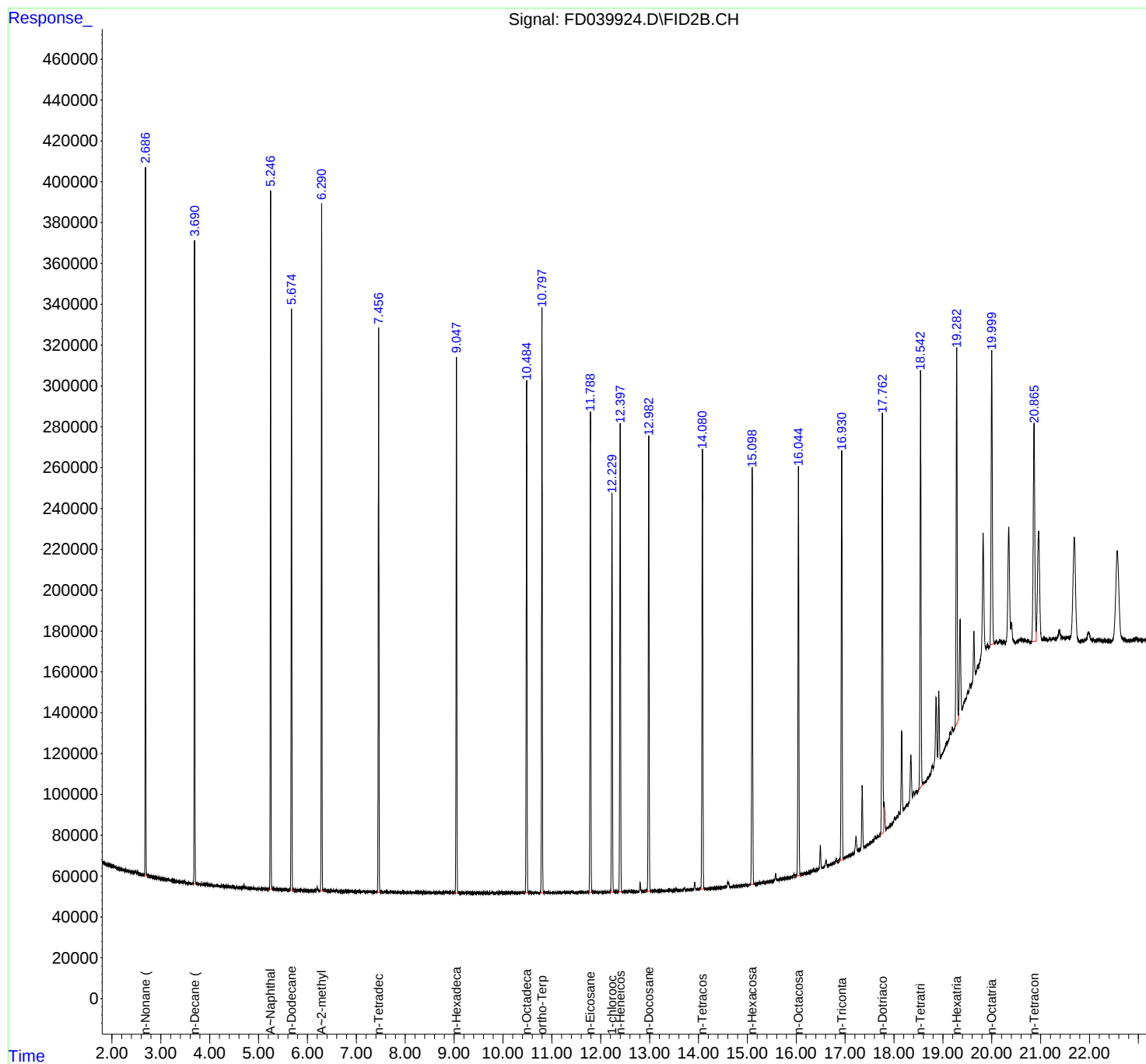
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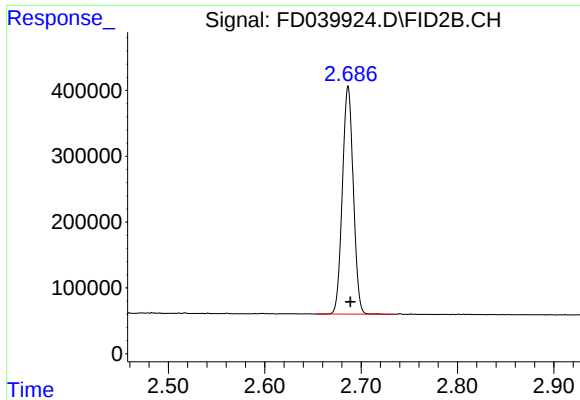
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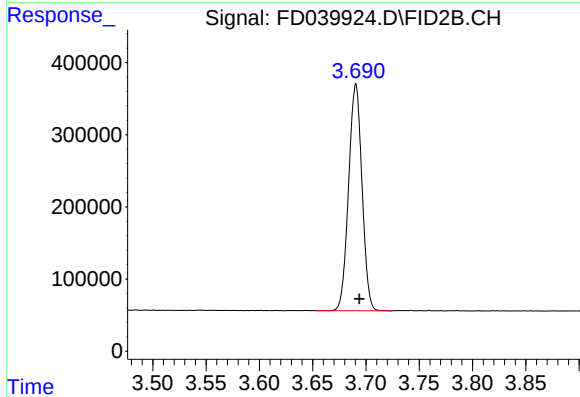
#1 n-Nonane (C9)

R.T.: 2.687 min
Delta R.T.: -0.002 min
Response: 2721707
Conc: 19.34 ug/ml

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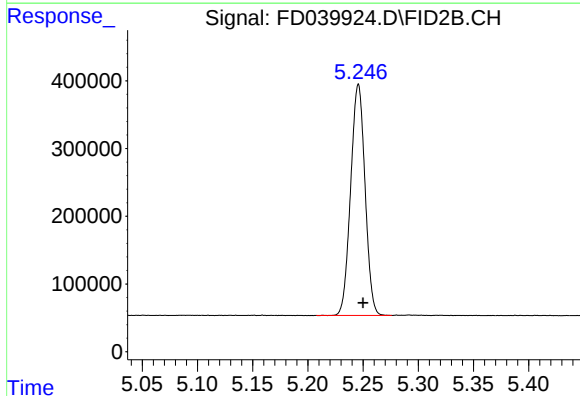
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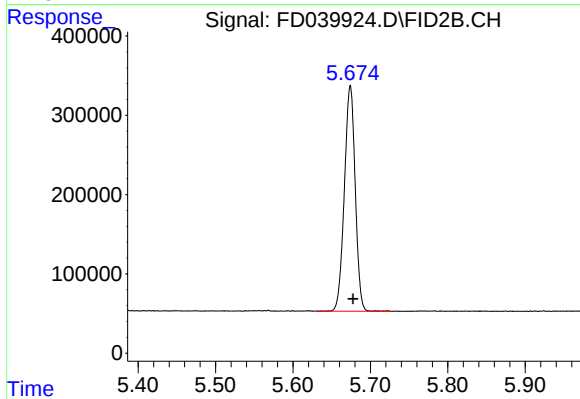
#2 n-Decane (C10)

R.T.: 3.691 min
Delta R.T.: -0.003 min
Response: 2749797
Conc: 19.28 ug/ml



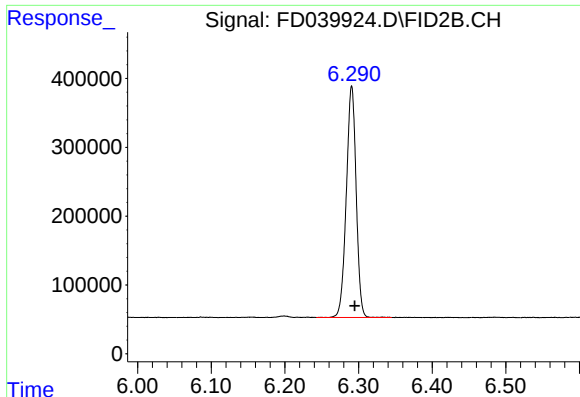
#3 A~Naphthalene (C11.7)

R.T.: 5.246 min
Delta R.T.: -0.004 min
Response: 3093534
Conc: 19.27 ug/ml



#4 n-Dodecane (C12)

R.T.: 5.674 min
Delta R.T.: -0.004 min
Response: 2769608
Conc: 19.40 ug/ml



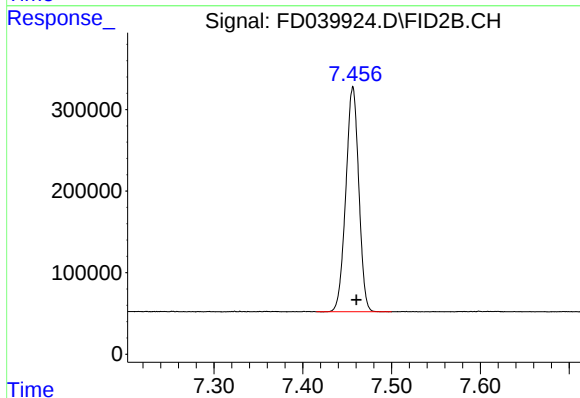
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.291 min
Delta R.T.: -0.004 min
Response: 3124713
Conc: 19.36 ug/ml

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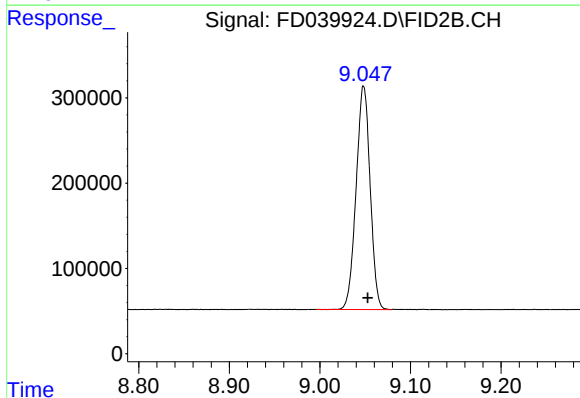
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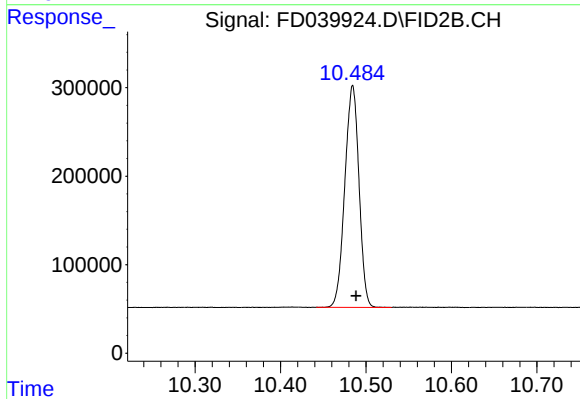
#6 n-Tetradecane (C14)

R.T.: 7.456 min
Delta R.T.: -0.004 min
Response: 2797596
Conc: 19.41 ug/ml



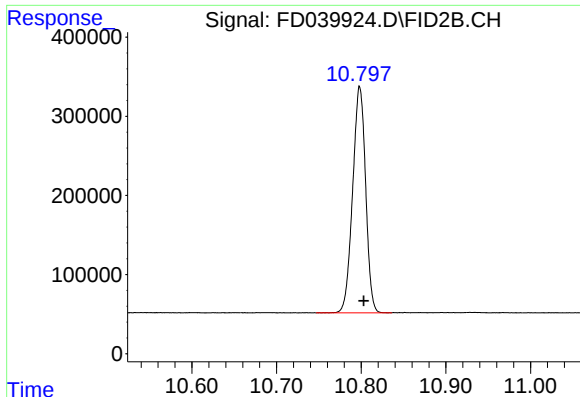
#7 n-Hexadecane (C16)

R.T.: 9.048 min
Delta R.T.: -0.004 min
Response: 2822385
Conc: 19.40 ug/ml



#8 n-Octadecane (C18)

R.T.: 10.485 min
Delta R.T.: -0.004 min
Response: 2887606
Conc: 19.41 ug/ml



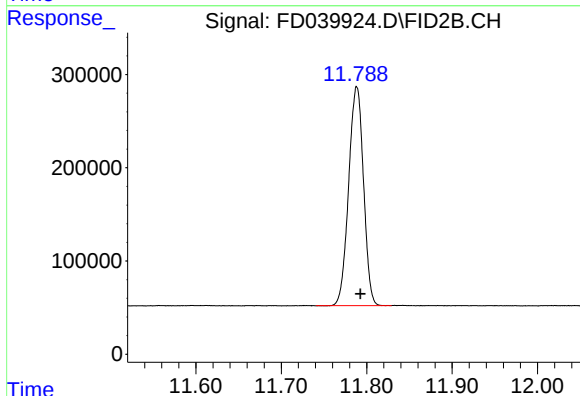
#9 ortho-Terphenyl (SURR)

R.T.: 10.798 min
Delta R.T.: -0.005 min
Response: 3043834
Conc: 19.39 ug/ml

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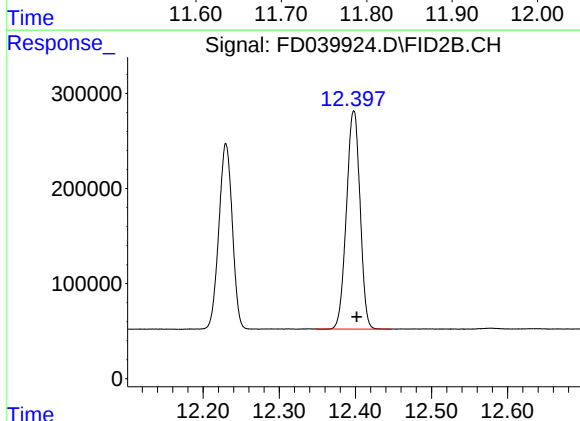
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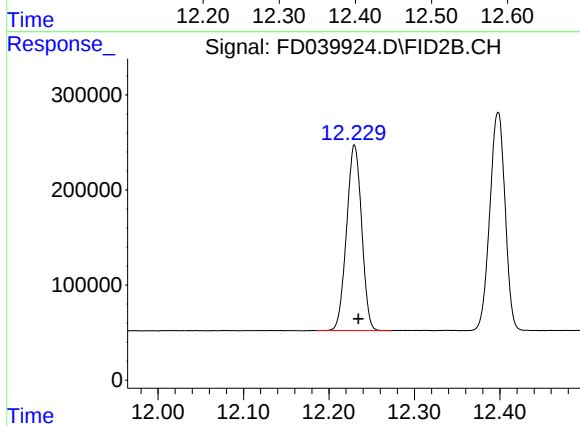
#10 n-Eicosane (C20)

R.T.: 11.789 min
Delta R.T.: -0.004 min
Response: 2838331
Conc: 19.41 ug/ml



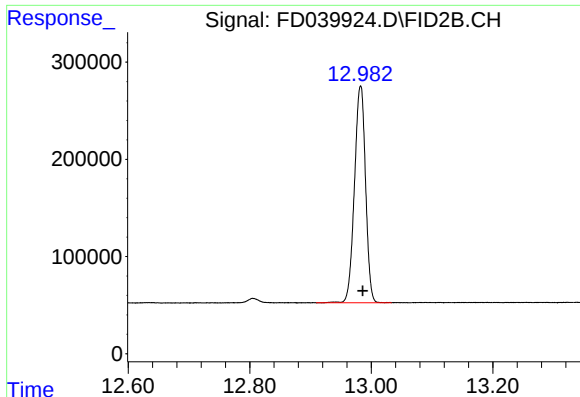
#11 n-Heneicosane (C21)

R.T.: 12.398 min
Delta R.T.: -0.004 min
Response: 2852745
Conc: 19.42 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.230 min
Delta R.T.: -0.005 min
Response: 2394187
Conc: 19.39 ug/ml



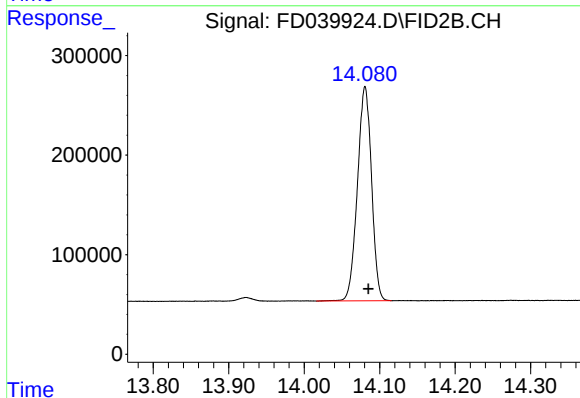
#13 n-Docosane (C22)

R.T.: 12.982 min
Delta R.T.: -0.004 min
Response: 2820470
Conc: 19.31 ug/ml

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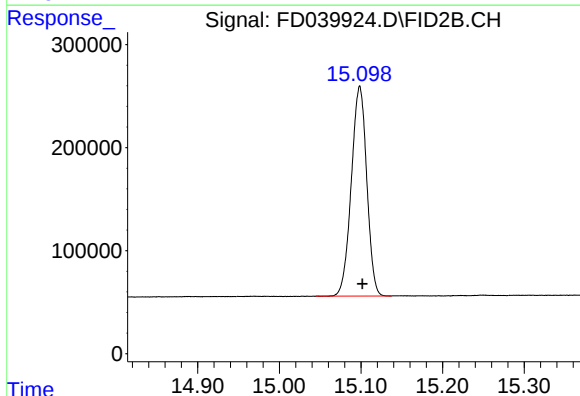
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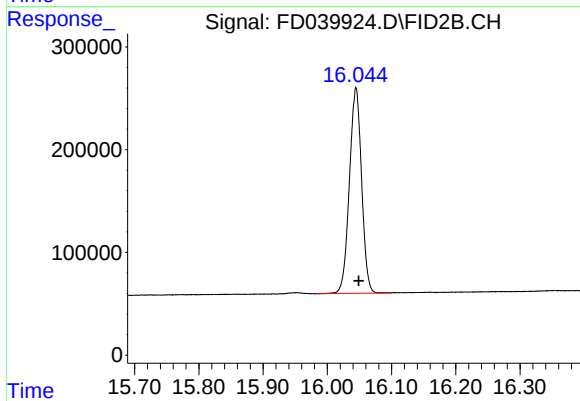
#14 n-Tetracosane (C24)

R.T.: 14.081 min
Delta R.T.: -0.004 min
Response: 2793524
Conc: 19.18 ug/ml



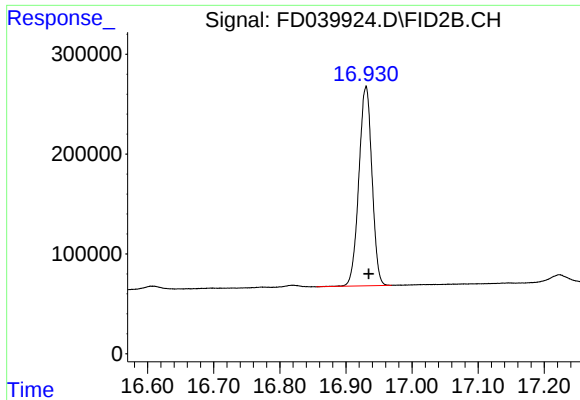
#15 n-Hexacosane (C26)

R.T.: 15.099 min
Delta R.T.: -0.003 min
Response: 2676983
Conc: 19.09 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.045 min
Delta R.T.: -0.004 min
Response: 2634827
Conc: 19.43 ug/ml



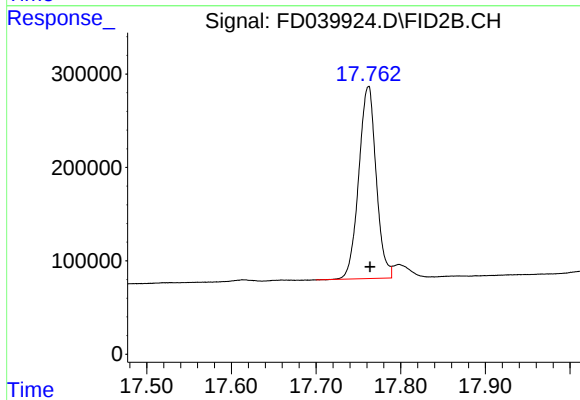
#17 n-Tricontane (C30)

R.T.: 16.930 min
Delta R.T.: -0.004 min
Response: 2747693
Conc: 21.03 ug/ml

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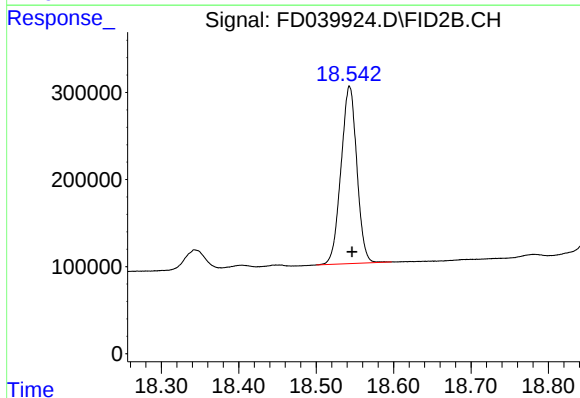
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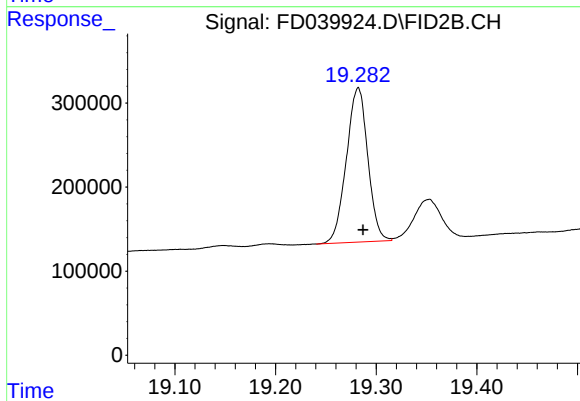
#18 n-Dotriacontane (C32)

R.T.: 17.762 min
Delta R.T.: -0.002 min
Response: 2939102
Conc: 23.62 ug/ml



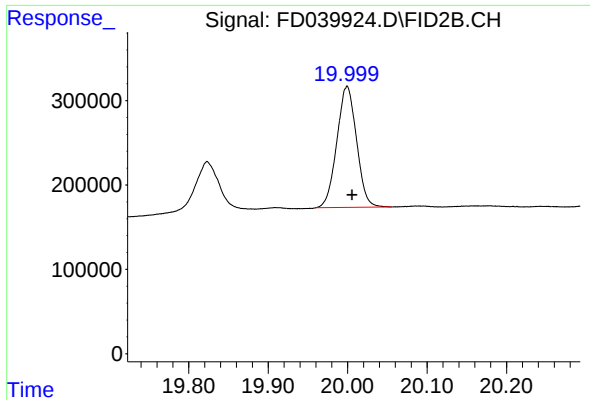
#19 n-Tetratriacontane (C34)

R.T.: 18.543 min
Delta R.T.: -0.003 min
Response: 2895937
Conc: 23.98 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 19.282 min
Delta R.T.: -0.005 min
Response: 2717755
Conc: 23.63 ug/ml



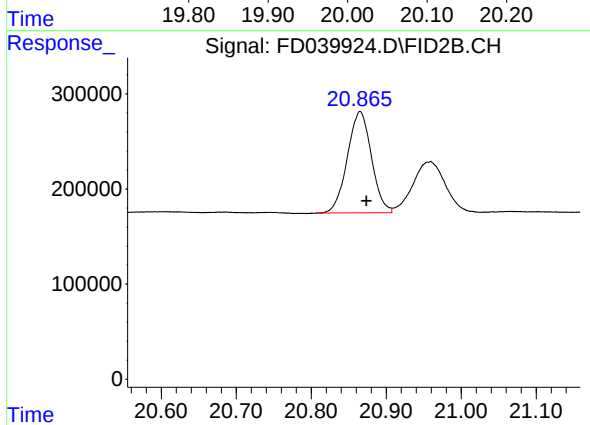
#21 n-Octatriacontane (C38)

R.T.: 19.999 min
Delta R.T.: -0.006 min
Response: 2468196
Conc: 22.11 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 20.865 min
Delta R.T.: -0.009 min
Response: 2379452
Conc: 20.88 ug/ml m