

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD051821AL\
 Data File : FD037525.D
 Signal(s) : FID2B.CH
 Acq On : 18 May 2021 11:06
 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: May 19 01:49:10 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Alaphatic EPH 051321.M
 Quant Title : GC Extractables
 QLast Update : Fri May 14 02:07:09 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)	11.454	2200166	18.762 ug/ml
Spiked Amount 50.000		Recovery =	37.52%
12) S 1-chlorooctadecane (S...	12.887	1614162	17.764 ug/ml
Spiked Amount 50.000		Recovery =	35.53%
Target Compounds			
1) T n-Nonane (C9)	3.257	1927044	19.099 ug/ml
2) T n-Decane (C10)	4.318	1944413	19.164 ug/ml
3) T A-Naphthalene (C11.7)	5.891	2172665	19.081 ug/ml
4) T n-Dodecane (C12)	6.328	1990479	19.254 ug/ml
5) T A~2-methylnaphthalene...	6.943	2210435	19.093 ug/ml
6) T n-Tetradecane (C14)	8.115	2009358	19.279 ug/ml
7) T n-Hexadecane (C16)	9.708	1978859	19.178 ug/ml
8) T n-Octadecane (C18)	11.143	2054930	19.019 ug/ml
10) T n-Eicosane (C20)	12.447	2027551	18.604 ug/ml
11) T n-Heneicosane (C21)	13.056	2014577	18.505 ug/ml
13) T n-Docosane (C22)	13.639	1992249	18.339 ug/ml
14) T n-Tetracosane (C24)	14.736	1971559	18.195 ug/ml
15) T n-Hexacosane (C26)	15.751	1912144	17.951 ug/ml
16) T n-Octacosane (C28)	16.696	1885754	17.798 ug/ml
17) T n-Tricontane (C30)	17.579	1865253	17.717 ug/ml
18) T n-Dotriacontane (C32)	18.405	1837795	17.644 ug/ml
19) T n-Tetratriacontane (C34)	19.185	1771783	17.431 ug/ml
20) T n-Hexatriacontane (C36)	19.919	1618622	16.594 ug/ml
21) T n-Octatriacontane (C38)	20.627	1515700	16.487 ug/ml
22) T n-Tetracontane (C40)	21.468	1536896	15.961 ug/ml

(f)=RT Delta > 1/2 Window

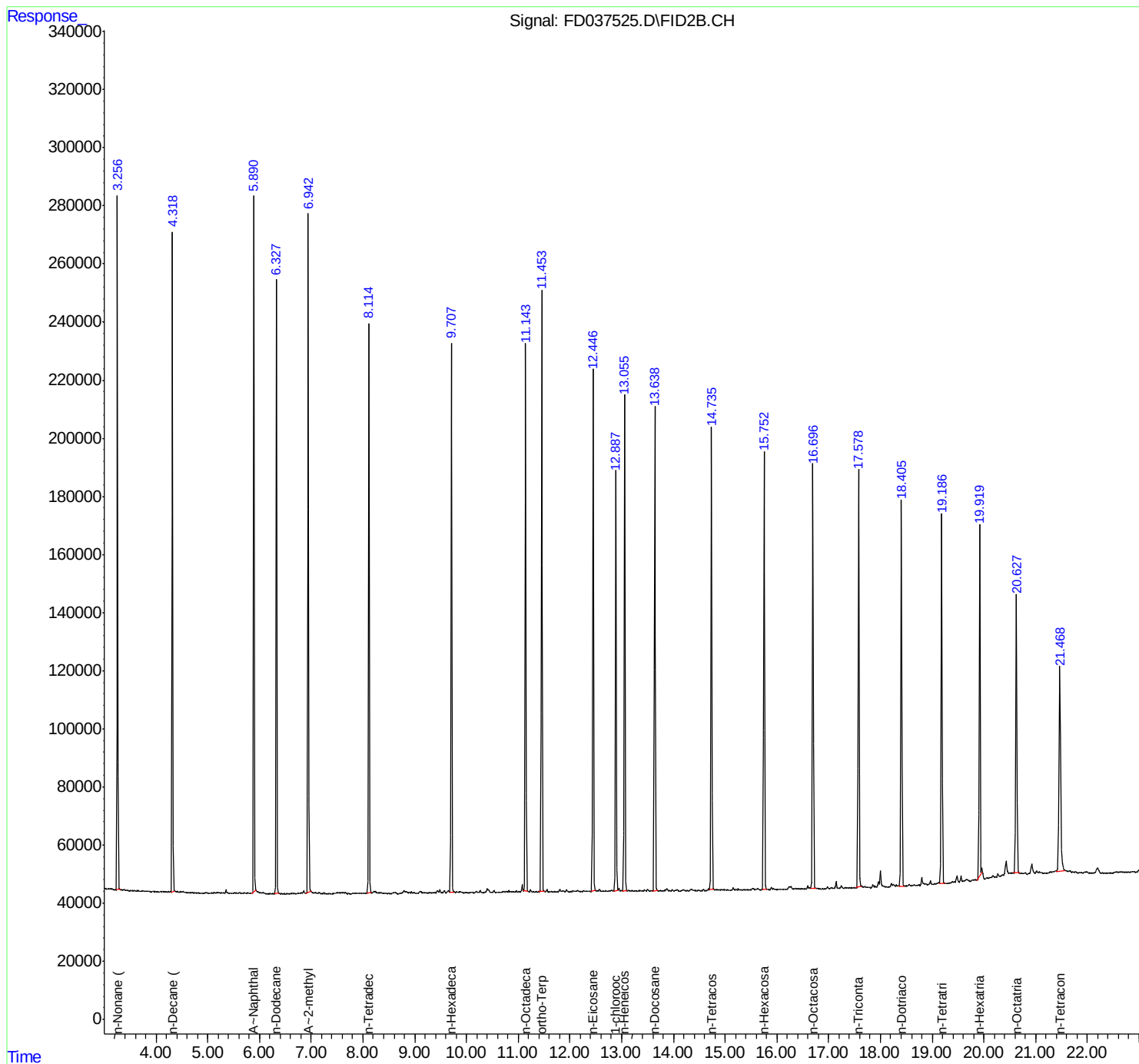
(m)=manual int.

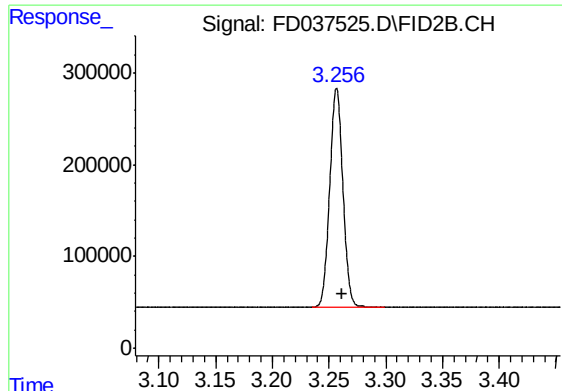
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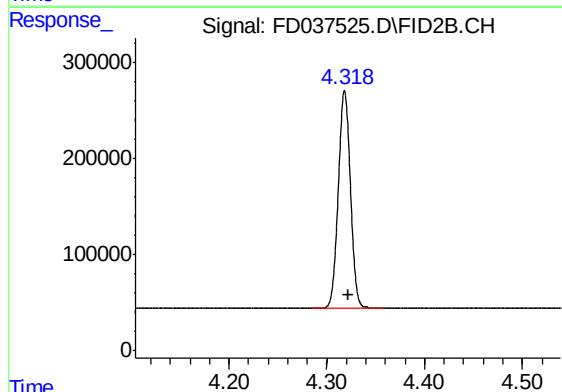




#1 n-Nonane (C9)

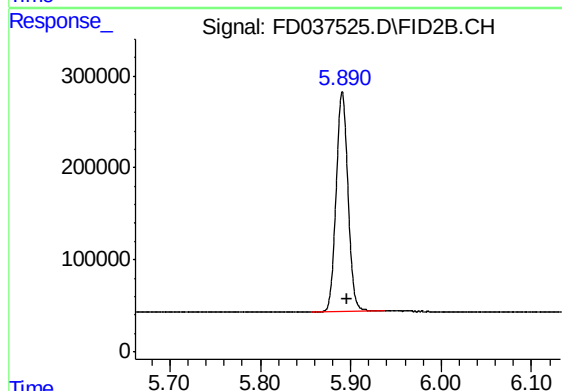
R.T.: 3.257 min
Delta R.T.: -0.004 min
Response: 1927044
Conc: 19.10 ug/ml

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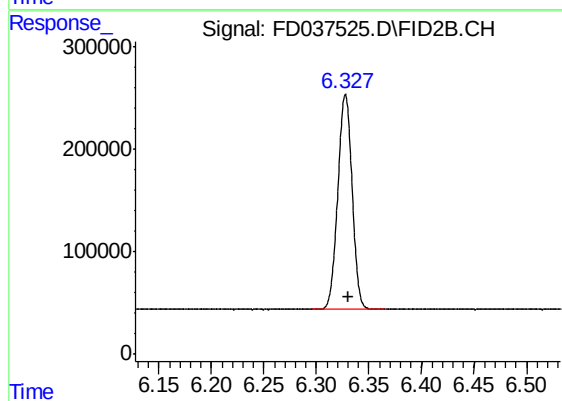
#2 n-Decane (C10)

R.T.: 4.318 min
Delta R.T.: -0.004 min
Response: 1944413
Conc: 19.16 ug/ml



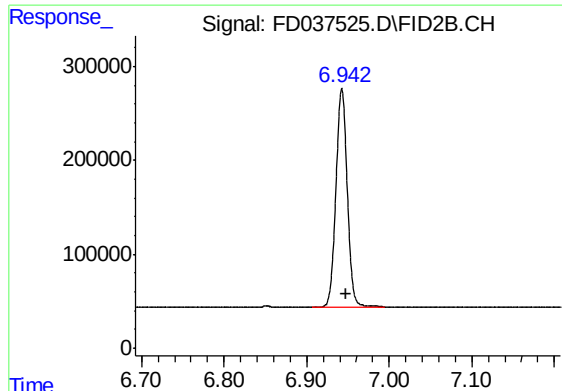
#3 A~Naphthalene (C11.7)

R.T.: 5.891 min
Delta R.T.: -0.005 min
Response: 2172665
Conc: 19.08 ug/ml



#4 n-Dodecane (C12)

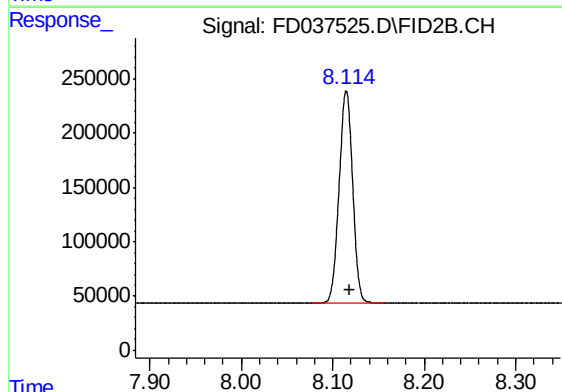
R.T.: 6.328 min
Delta R.T.: -0.003 min
Response: 1990479
Conc: 19.25 ug/ml



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

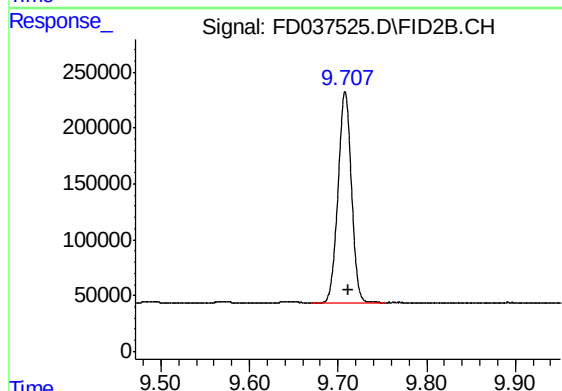
R.T.: 6.943 min
Delta R.T.: -0.004 min
Response: 2210435
Conc: 19.09 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



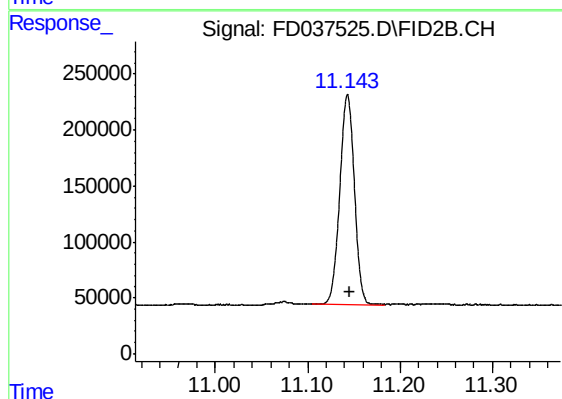
#6 n-Tetradecane (C14)

R.T.: 8.115 min
Delta R.T.: -0.004 min
Response: 2009358
Conc: 19.28 ug/ml



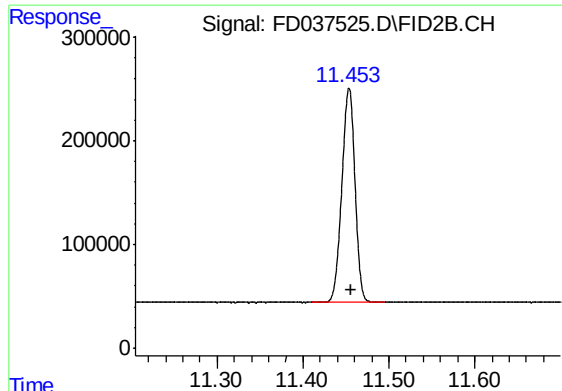
#7 n-Hexadecane (C16)

R.T.: 9.708 min
Delta R.T.: -0.003 min
Response: 1978859
Conc: 19.18 ug/ml



#8 n-Octadecane (C18)

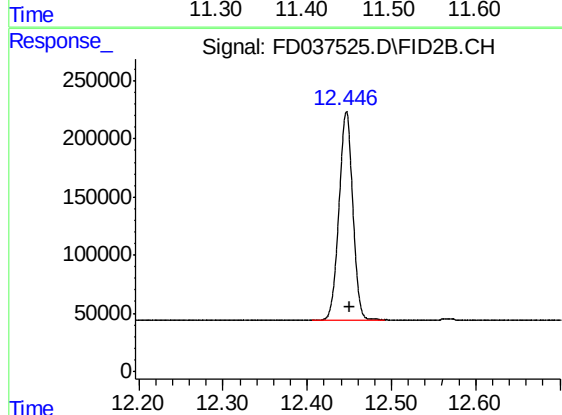
R.T.: 11.143 min
Delta R.T.: -0.003 min
Response: 2054930
Conc: 19.02 ug/ml



#9 ortho-Terphenyl (SURR)

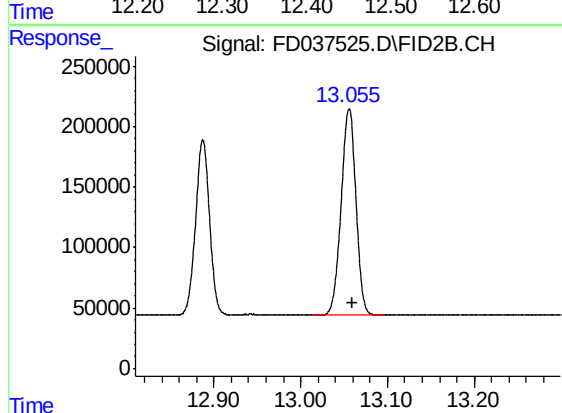
R.T.: 11.454 min
Delta R.T.: -0.003 min
Response: 2200166
Conc: 18.76 ug/ml

Instrument :
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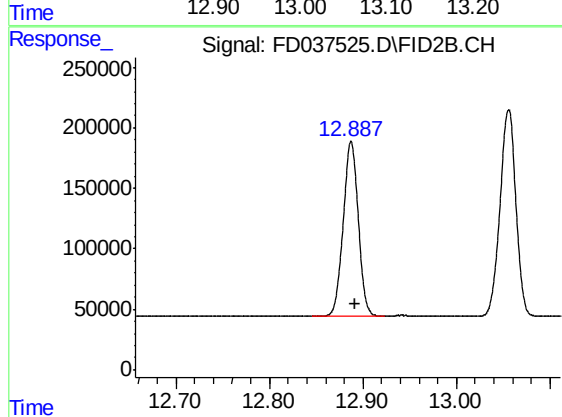
#10 n-Eicosane (C20)

R.T.: 12.447 min
Delta R.T.: -0.003 min
Response: 2027551
Conc: 18.60 ug/ml



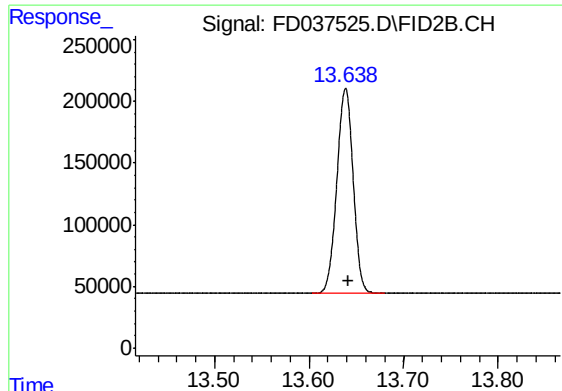
#11 n-Heneicosane (C21)

R.T.: 13.056 min
Delta R.T.: -0.003 min
Response: 2014577
Conc: 18.51 ug/ml



#12 1-chlorooctadecane (SURR)

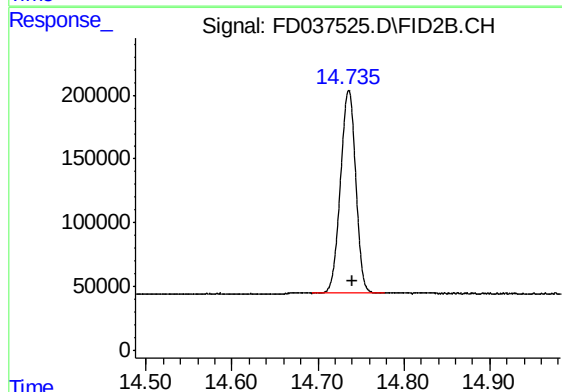
R.T.: 12.887 min
Delta R.T.: -0.004 min
Response: 1614162
Conc: 17.76 ug/ml



#13 n-Docosane (C22)

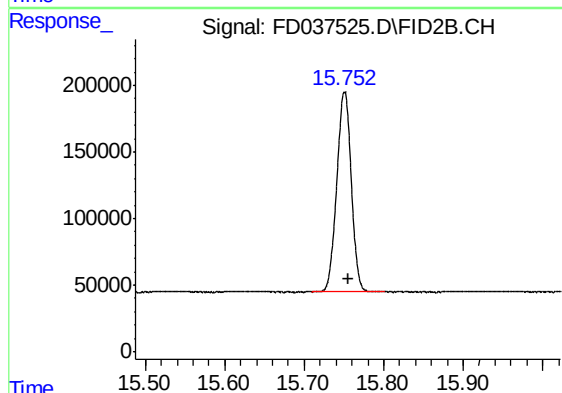
R.T.: 13.639 min
Delta R.T.: -0.003 min
Response: 1992249
Conc: 18.34 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



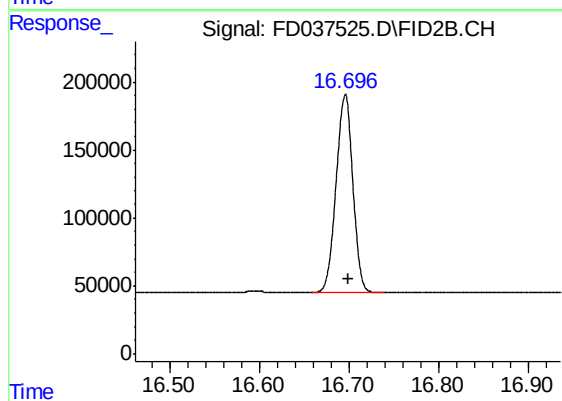
#14 n-Tetracosane (C24)

R.T.: 14.736 min
Delta R.T.: -0.004 min
Response: 1971559
Conc: 18.20 ug/ml



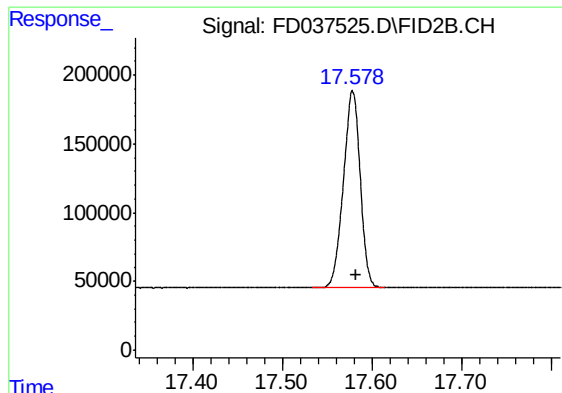
#15 n-Hexacosane (C26)

R.T.: 15.751 min
Delta R.T.: -0.004 min
Response: 1912144
Conc: 17.95 ug/ml



#16 n-Octacosane (C28)

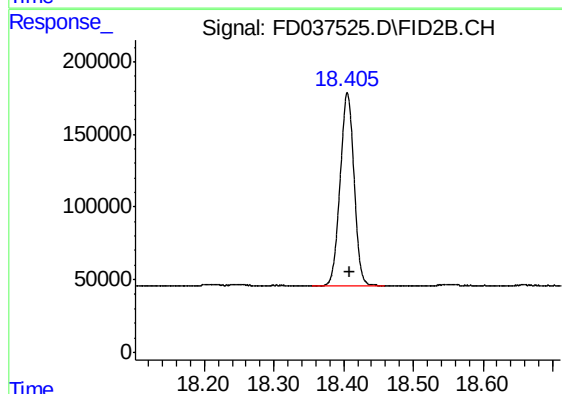
R.T.: 16.696 min
Delta R.T.: -0.003 min
Response: 1885754
Conc: 17.80 ug/ml



#17 n-Tricontane (C30)

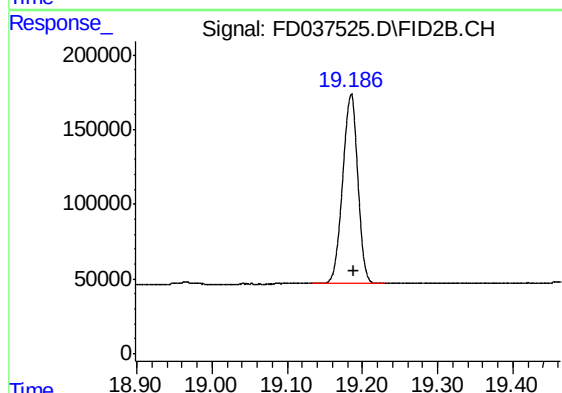
R.T.: 17.579 min
Delta R.T.: -0.004 min
Response: 1865253
Conc: 17.72 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



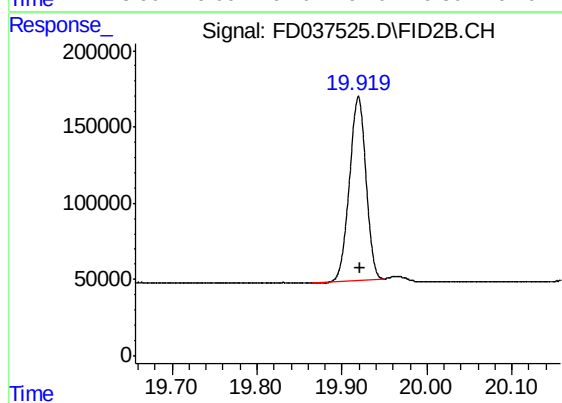
#18 n-Dotriacontane (C32)

R.T.: 18.405 min
Delta R.T.: -0.004 min
Response: 1837795
Conc: 17.64 ug/ml



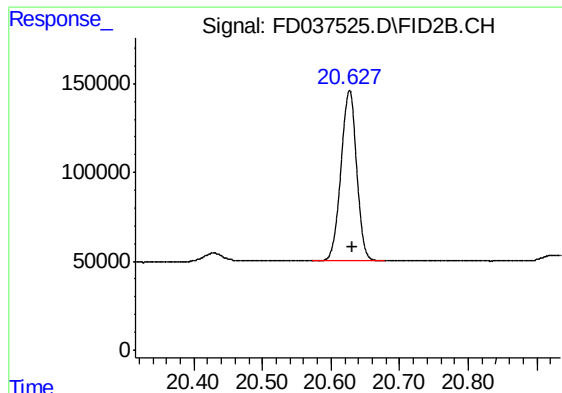
#19 n-Tetratriacontane (C34)

R.T.: 19.185 min
Delta R.T.: -0.003 min
Response: 1771783
Conc: 17.43 ug/ml



#20 n-Hexatriacontane (C36)

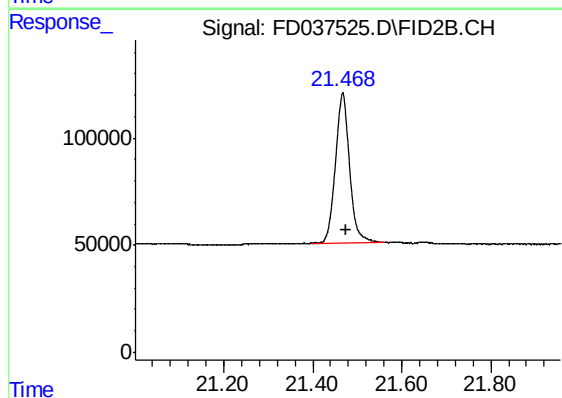
R.T.: 19.919 min
Delta R.T.: -0.002 min
Response: 1618622
Conc: 16.59 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.627 min
Delta R.T.: -0.004 min
Response: 1515700
Conc: 16.49 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.468 min
Delta R.T.: -0.006 min
Response: 1536896
Conc: 15.96 ug/ml