

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD010721AL\
 Data File : FD035969.D
 Signal(s) : FID2B.CH
 Acq On : 08 Jan 2021 7:12
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 56 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: Jan 08 08:04:27 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Alaphatic EPH 122120.M
 Quant Title : GC Extractables
 QLast Update : Tue Dec 22 01:48:46 2020
 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)	11.475	2743258	20.755 ug/ml
Spiked Amount 50.000		Recovery =	41.51%
12) S 1-chlorooctadecane (S...	12.907	2170612	20.513 ug/ml
Spiked Amount 50.000		Recovery =	41.03%
Target Compounds			
1) T n-Nonane (C9)	3.281	2506854	22.094 ug/ml
2) T n-Decane (C10)	4.340	2537901	22.224 ug/ml
3) T A~Naphthalene (C11.7)	5.917	2632632	21.665 ug/ml
4) T n-Dodecane (C12)	6.346	2618338	22.132 ug/ml
5) T A~2-methylnaphthalene...	6.969	2675226	21.680 ug/ml
6) T n-Tetradecane (C14)	8.133	2611922	21.936 ug/ml
7) T n-Hexadecane (C16)	9.726	2541787	21.700 ug/ml
8) T n-Octadecane (C18)	11.161	2632480	21.312 ug/ml
10) T n-Eicosane (C20)	12.465	2611436	20.855 ug/ml
11) T n-Heneicosane (C21)	13.074	2572563	20.586 ug/ml
13) T n-Docosane (C22)	13.657	2559235	20.575 ug/ml
14) T n-Tetracosane (C24)	14.756	2471152	20.040 ug/ml
15) T n-Hexacosane (C26)	15.771	2383682	19.826 ug/ml
16) T n-Octacosane (C28)	16.717	2313573	19.734 ug/ml
17) T n-Tricontane (C30)	17.599	2247996	20.075 ug/ml
18) T n-Dotriacontane (C32)	18.427	2100227	20.677 ug/ml
19) T n-Tetratriacontane (C34)	19.206	1988333	21.196 ug/ml
20) T n-Hexatriacontane (C36)	19.941	1908825	21.914 ug/ml
21) T n-Octatriacontane (C38)	20.653	1835307	22.230 ug/ml
22) T n-Tetracontane (C40)	21.508	1882698	22.570 ug/ml

(f)=RT Delta > 1/2 Window

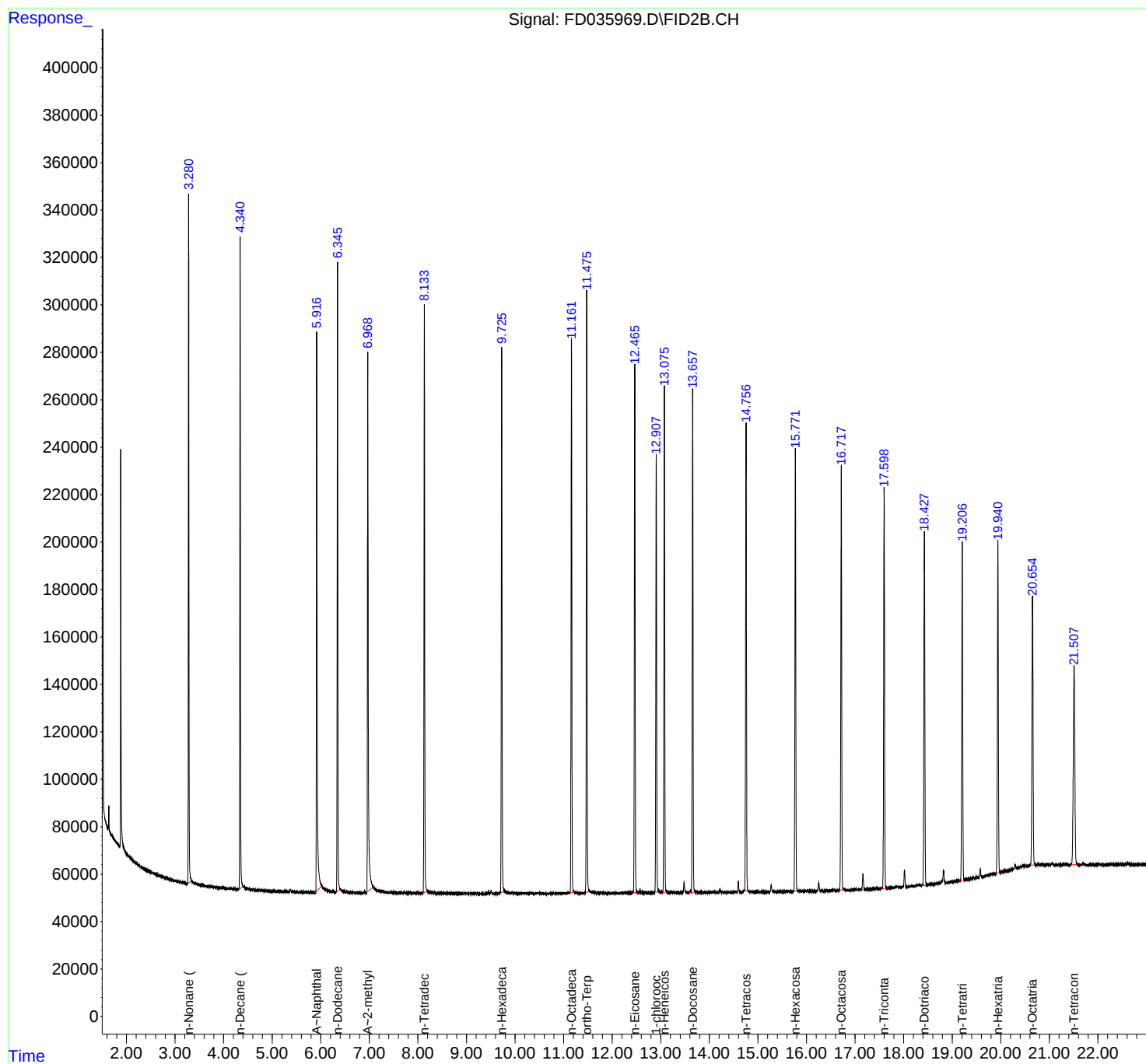
(m)=manual int.

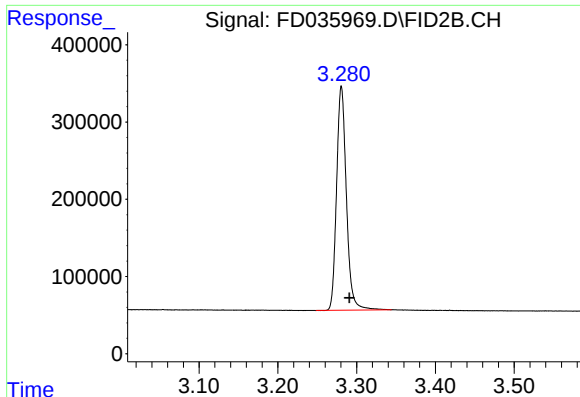
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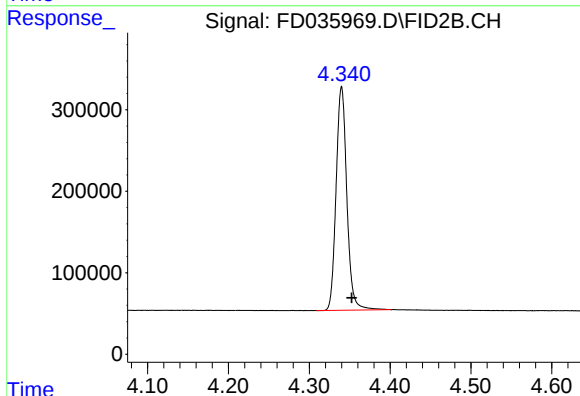




#1 n-Nonane (C9)

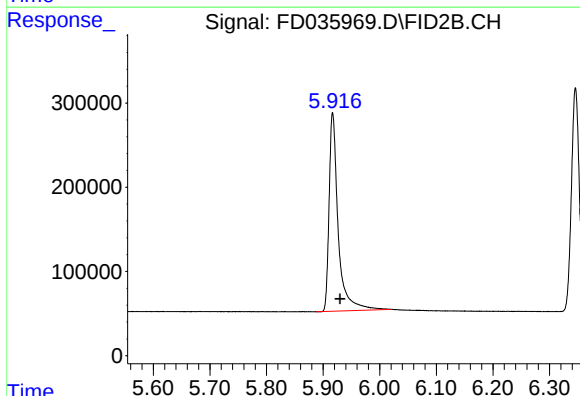
R.T.: 3.281 min
Delta R.T.: -0.010 min
Response: 2506854
Conc: 22.09 ug/ml

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20 PPM ALIPHATIC HC STD



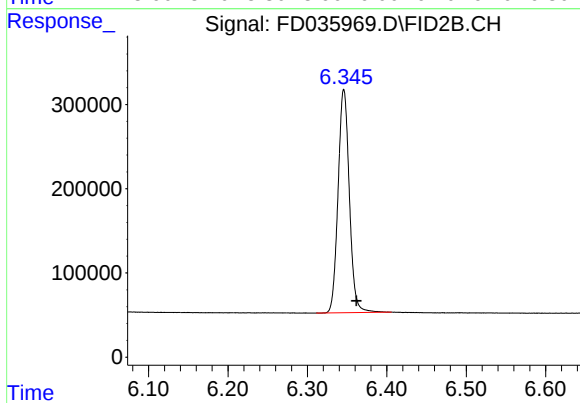
#2 n-Decane (C10)

R.T.: 4.340 min
Delta R.T.: -0.012 min
Response: 2537901
Conc: 22.22 ug/ml



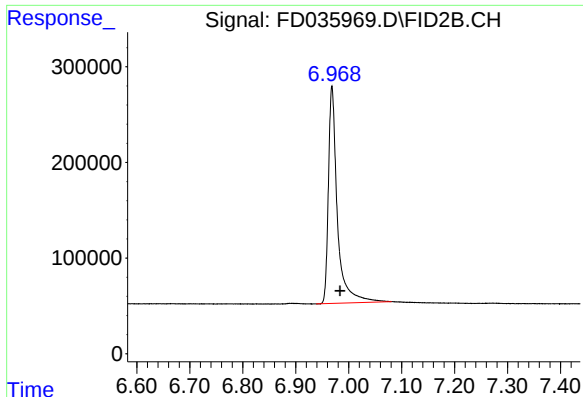
#3 A~Naphthalene (C11.7)

R.T.: 5.917 min
Delta R.T.: -0.013 min
Response: 2632632
Conc: 21.67 ug/ml



#4 n-Dodecane (C12)

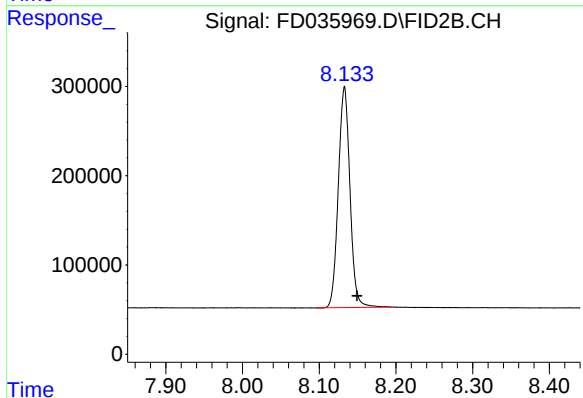
R.T.: 6.346 min
Delta R.T.: -0.016 min
Response: 2618338
Conc: 22.13 ug/ml



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

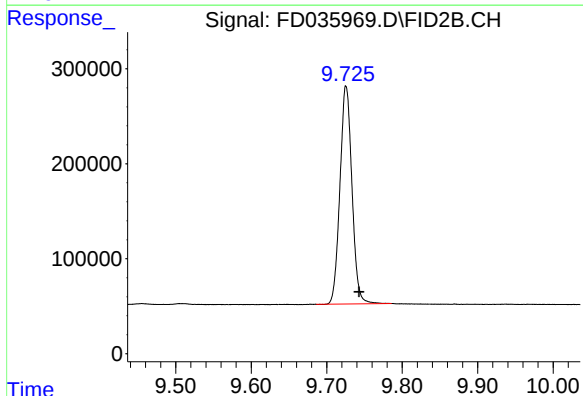
R.T.: 6.969 min
Delta R.T.: -0.015 min
Response: 2675226
Conc: 21.68 ug/ml

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20 PPM ALIPHATIC HC STD



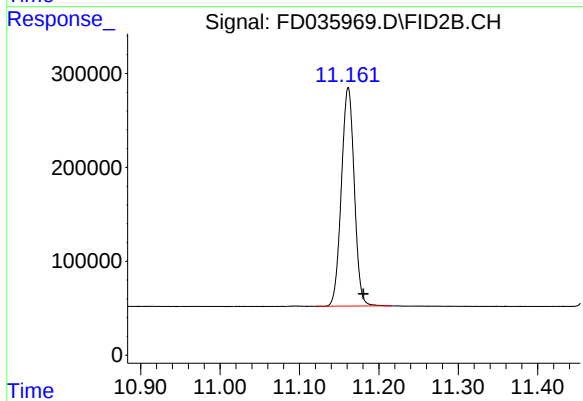
#6 n-Tetradecane (C14)

R.T.: 8.133 min
Delta R.T.: -0.016 min
Response: 2611922
Conc: 21.94 ug/ml



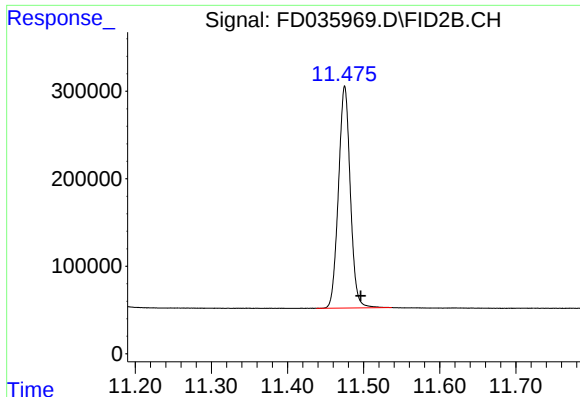
#7 n-Hexadecane (C16)

R.T.: 9.726 min
Delta R.T.: -0.018 min
Response: 2541787
Conc: 21.70 ug/ml



#8 n-Octadecane (C18)

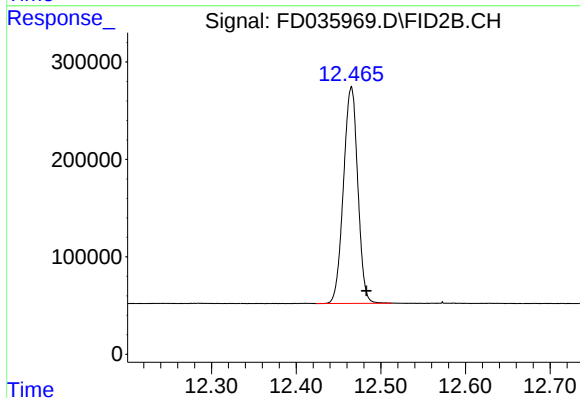
R.T.: 11.161 min
Delta R.T.: -0.019 min
Response: 2632480
Conc: 21.31 ug/ml



#9 ortho-Terphenyl (SURR)

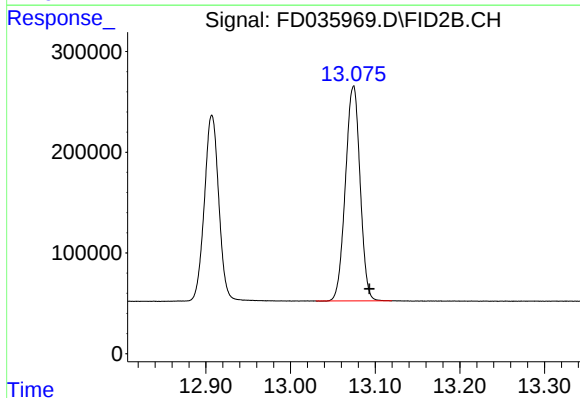
R.T.: 11.475 min
Delta R.T.: -0.021 min
Response: 2743258
Conc: 20.75 ug/ml

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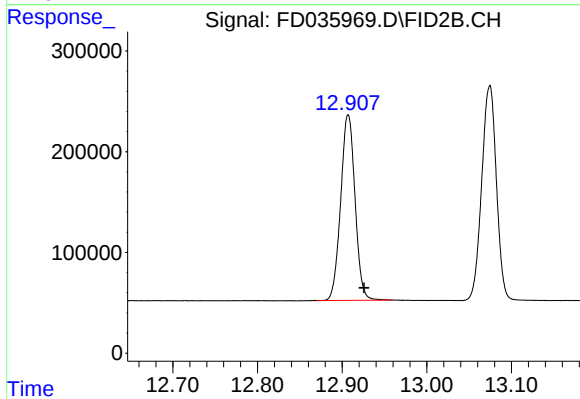
#10 n-Eicosane (C20)

R.T.: 12.465 min
Delta R.T.: -0.018 min
Response: 2611436
Conc: 20.86 ug/ml



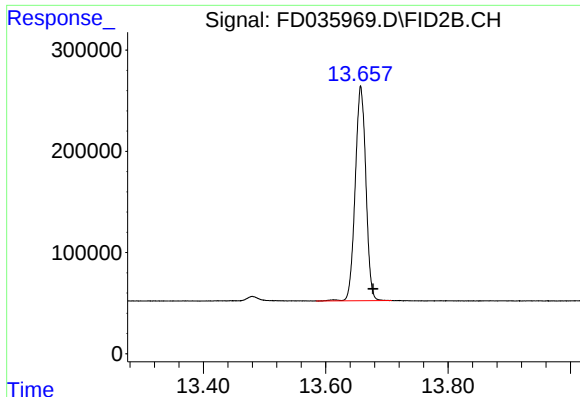
#11 n-Heneicosane (C21)

R.T.: 13.074 min
Delta R.T.: -0.019 min
Response: 2572563
Conc: 20.59 ug/ml



#12 1-chlorooctadecane (SURR)

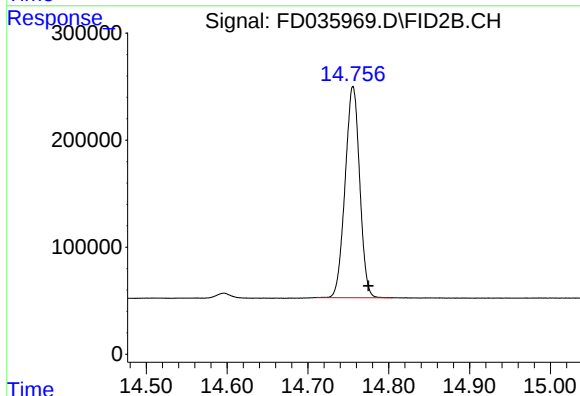
R.T.: 12.907 min
Delta R.T.: -0.019 min
Response: 2170612
Conc: 20.51 ug/ml



#13 n-Docosane (C22)

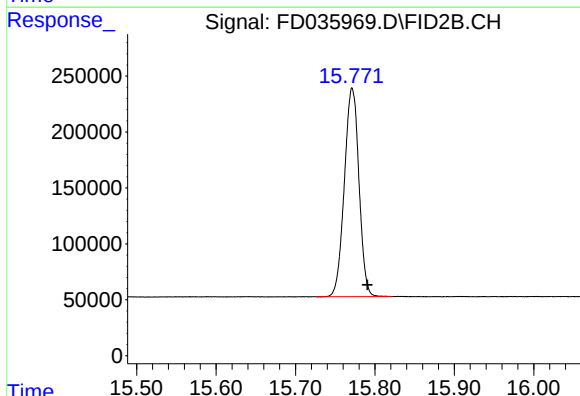
R.T.: 13.657 min
Delta R.T.: -0.020 min
Response: 2559235
Conc: 20.57 ug/ml

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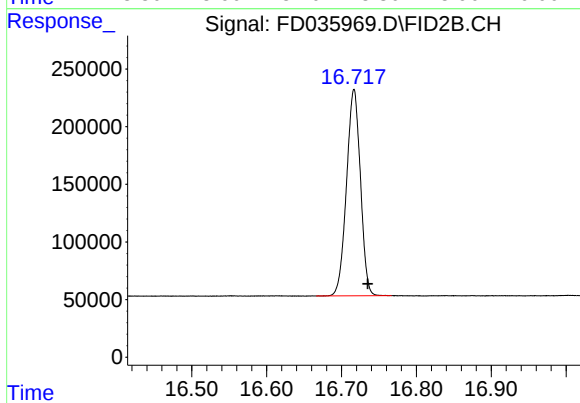
#14 n-Tetracosane (C24)

R.T.: 14.756 min
Delta R.T.: -0.019 min
Response: 2471152
Conc: 20.04 ug/ml



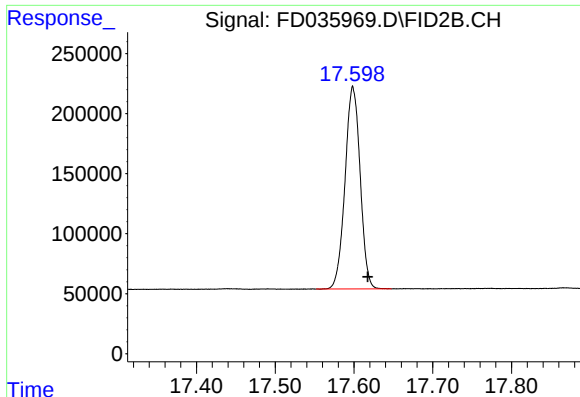
#15 n-Hexacosane (C26)

R.T.: 15.771 min
Delta R.T.: -0.019 min
Response: 2383682
Conc: 19.83 ug/ml



#16 n-Octacosane (C28)

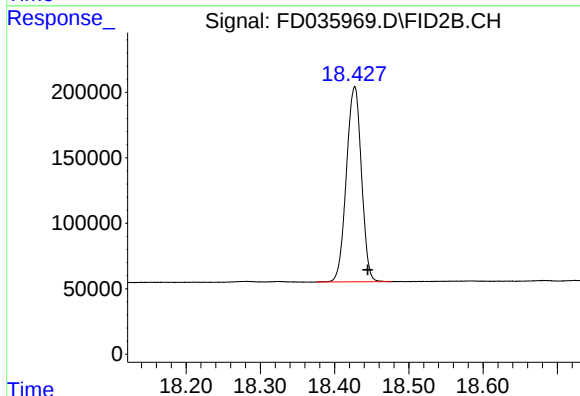
R.T.: 16.717 min
Delta R.T.: -0.018 min
Response: 2313573
Conc: 19.73 ug/ml



#17 n-Tricontane (C30)

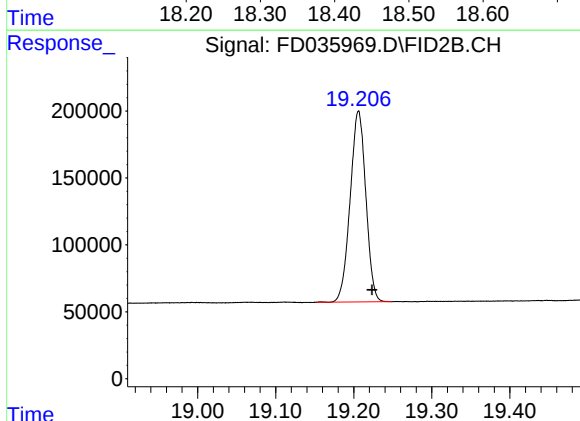
R.T.: 17.599 min
Delta R.T.: -0.019 min
Response: 2247996
Conc: 20.07 ug/ml

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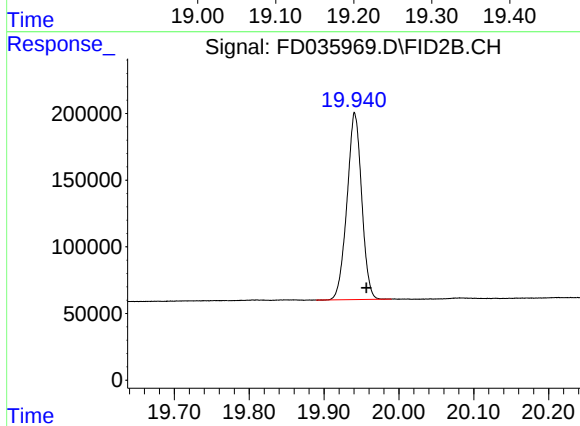
#18 n-Dotriacontane (C32)

R.T.: 18.427 min
Delta R.T.: -0.017 min
Response: 2100227
Conc: 20.68 ug/ml



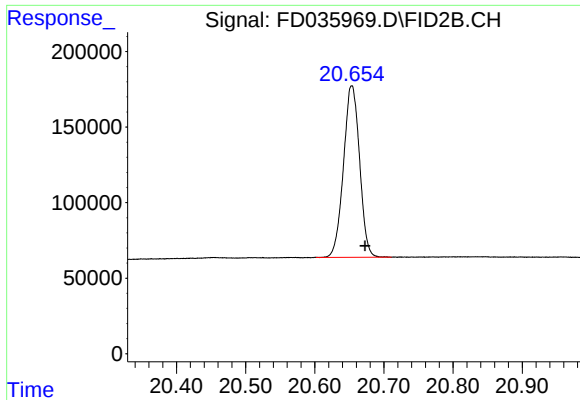
#19 n-Tetratriacontane (C34)

R.T.: 19.206 min
Delta R.T.: -0.017 min
Response: 1988333
Conc: 21.20 ug/ml



#20 n-Hexatriacontane (C36)

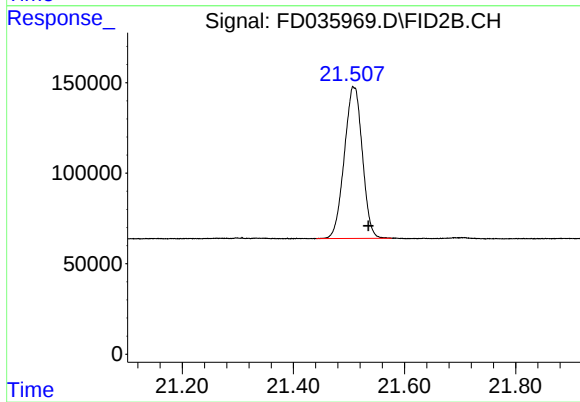
R.T.: 19.941 min
Delta R.T.: -0.016 min
Response: 1908825
Conc: 21.91 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.653 min
Delta R.T.: -0.019 min
Response: 1835307
Conc: 22.23 ug/ml

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20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 21.508 min
Delta R.T.: -0.027 min
Response: 1882698
Conc: 22.57 ug/ml