

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD042121AL\
 Data File : FD037051.D
 Signal(s) : FID2B.CH
 Acq On : 21 Apr 2021 20:21
 Operator : DD\AJ
 Sample : 50 PPM ALIPHATIC HC STD2
 Misc :
 ALS Vial : 58 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 50 PPM ALIPHATIC HC STD2

Integration File: autoint1.e
 Quant Time: Apr 22 03:23:41 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Alaphatic EPH 042121.M
 Quant Title : GC Extractables
 QLast Update : Thu Apr 22 03:22:42 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)	11.482	5734082	47.940 ug/ml
Spiked Amount 50.000		Recovery =	95.88%
12) S 1-chlorooctadecane (S...	12.913	4228763	48.791 ug/ml
Spiked Amount 50.000		Recovery =	97.58%
Target Compounds			
1) T n-Nonane (C9)	3.278	5731235	47.456 ug/ml
2) T n-Decane (C10)	4.341	5769783	47.480 ug/ml
3) T A~Naphthalene (C11.7)	5.915	6426324	47.750 ug/ml
4) T n-Dodecane (C12)	6.351	5790680	47.518 ug/ml
5) T A~2-methylnaphthalene...	6.968	6460553	47.924 ug/ml
6) T n-Tetradecane (C14)	8.140	5666133	47.643 ug/ml
7) T n-Hexadecane (C16)	9.734	5392155	47.797 ug/ml
8) T n-Octadecane (C18)	11.169	5398012	47.845 ug/ml
10) T n-Eicosane (C20)	12.472	5232149	47.999 ug/ml
11) T n-Heneicosane (C21)	13.081	5133441	47.804 ug/ml
13) T n-Docosane (C22)	13.663	5048465	48.022 ug/ml
14) T n-Tetracosane (C24)	14.761	4932849	47.787 ug/ml
15) T n-Hexacosane (C26)	15.777	4788685	48.008 ug/ml
16) T n-Octacosane (C28)	16.723	4737094	48.017 ug/ml
17) T n-Tricontane (C30)	17.604	4711317	47.933 ug/ml
18) T n-Dotriacontane (C32)	18.432	4669247	46.992 ug/ml
19) T n-Tetratriacontane (C34)	19.211	4629005	47.734 ug/ml
20) T n-Hexatriacontane (C36)	19.947	4401842	46.790 ug/ml
21) T n-Octatriacontane (C38)	20.658	4274141	49.297 ug/ml
22) T n-Tetracontane (C40)	21.506	4412141	45.293 ug/ml

(f)=RT Delta > 1/2 Window

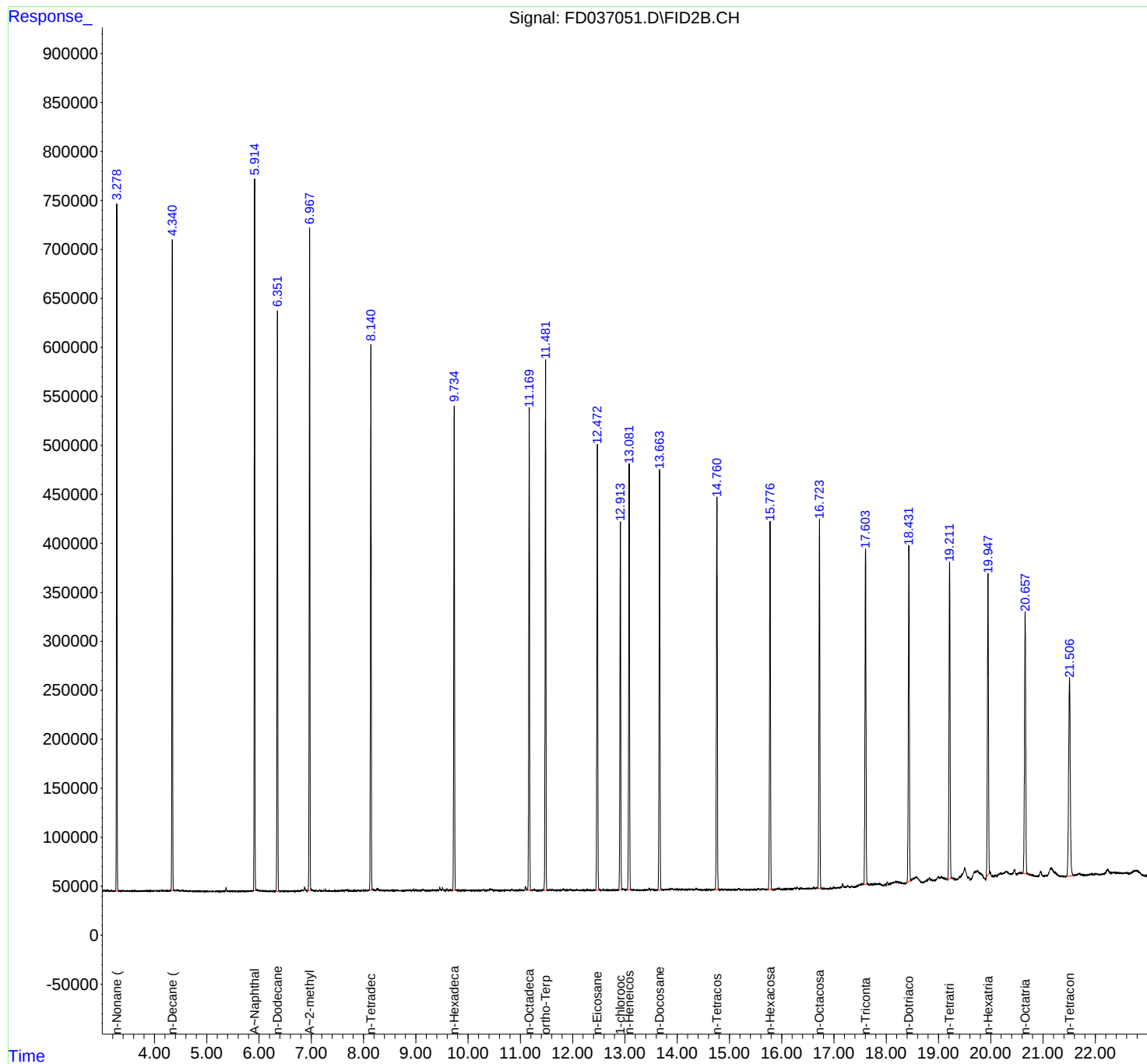
(m)=manual int.

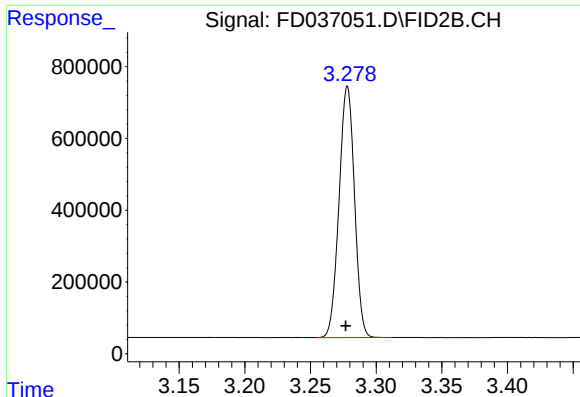
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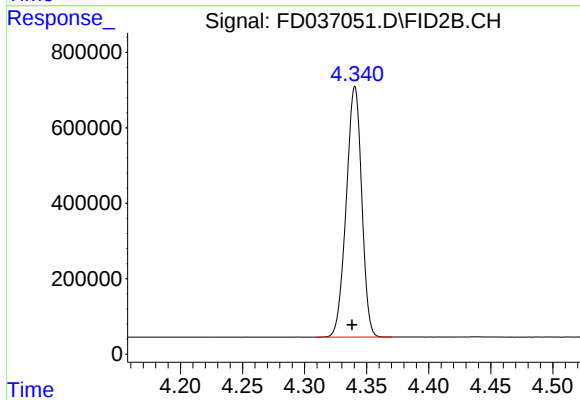




#1 n-Nonane (C9)

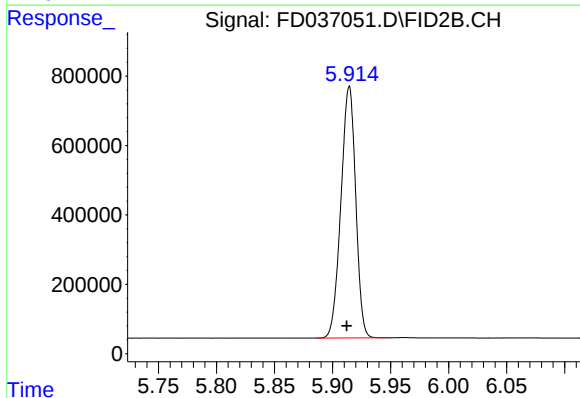
R.T.: 3.278 min
Delta R.T.: 0.001 min
Response: 5731235
Conc: 47.46 ug/ml

Instrument :
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50 PPM ALIPHATIC HC STD2



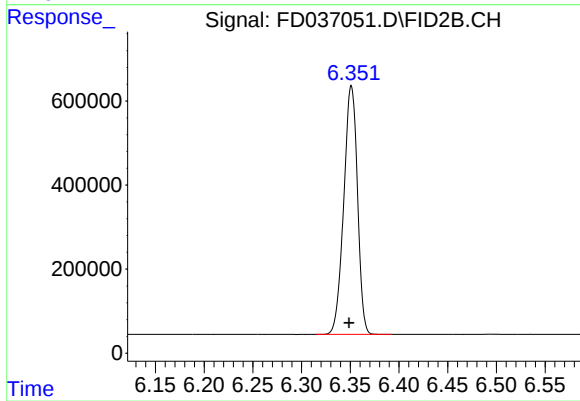
#2 n-Decane (C10)

R.T.: 4.341 min
Delta R.T.: 0.002 min
Response: 5769783
Conc: 47.48 ug/ml



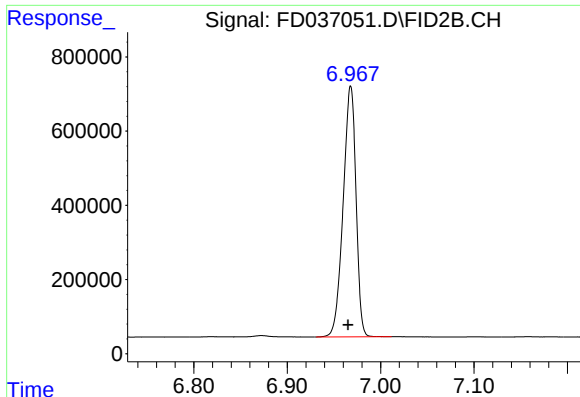
#3 A~Naphthalene (C11.7)

R.T.: 5.915 min
Delta R.T.: 0.002 min
Response: 6426324
Conc: 47.75 ug/ml



#4 n-Dodecane (C12)

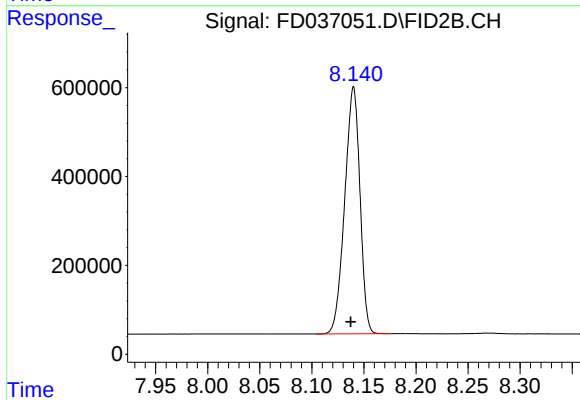
R.T.: 6.351 min
Delta R.T.: 0.002 min
Response: 5790680
Conc: 47.52 ug/ml



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

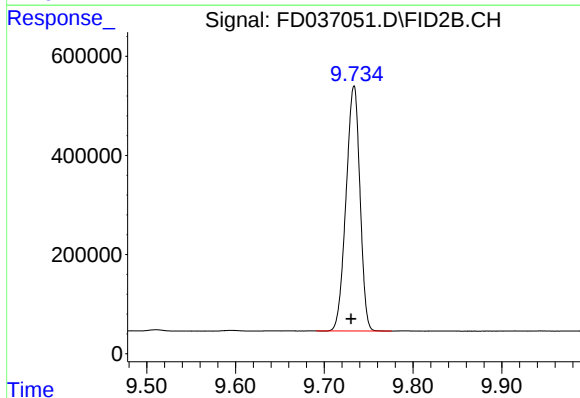
R.T.: 6.968 min
Delta R.T.: 0.003 min
Response: 6460553
Conc: 47.92 ug/ml

Instrument :
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50 PPM ALIPHATIC HC STD2



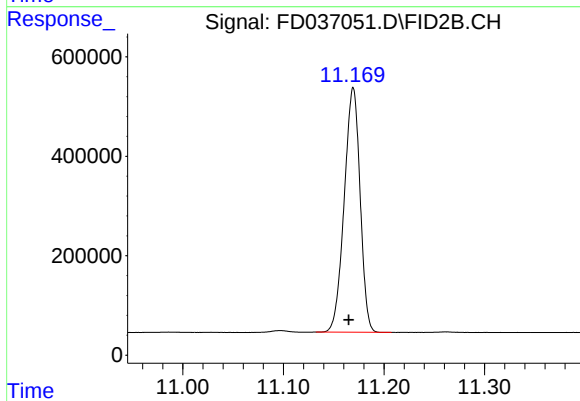
#6 n-Tetradecane (C14)

R.T.: 8.140 min
Delta R.T.: 0.003 min
Response: 5666133
Conc: 47.64 ug/ml



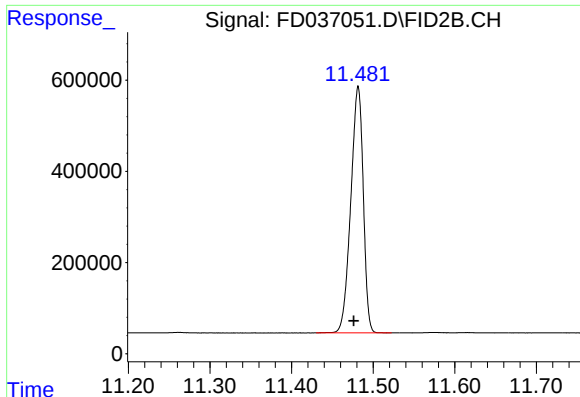
#7 n-Hexadecane (C16)

R.T.: 9.734 min
Delta R.T.: 0.003 min
Response: 5392155
Conc: 47.80 ug/ml



#8 n-Octadecane (C18)

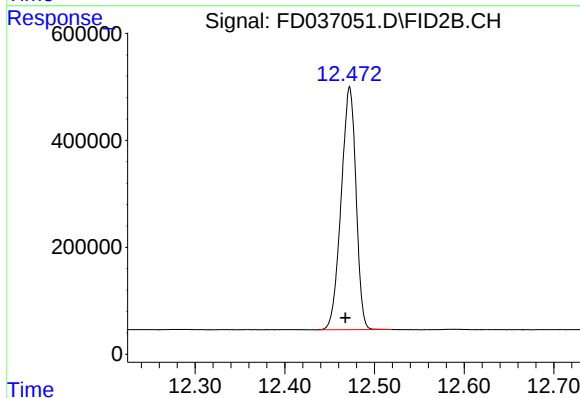
R.T.: 11.169 min
Delta R.T.: 0.005 min
Response: 5398012
Conc: 47.84 ug/ml



#9 ortho-Terphenyl (SURR)

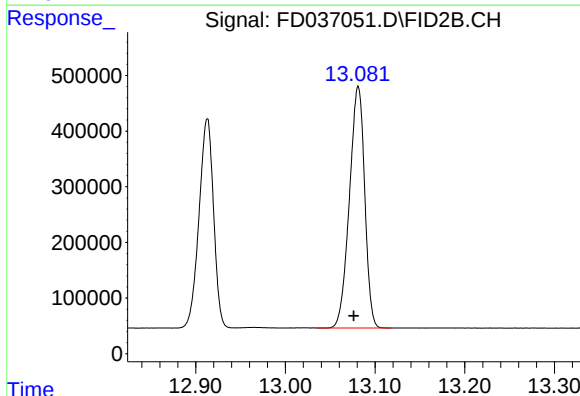
R.T.: 11.482 min
Delta R.T.: 0.005 min
Response: 5734082
Conc: 47.94 ug/ml

Instrument :
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50 PPM ALIPHATIC HC STD2



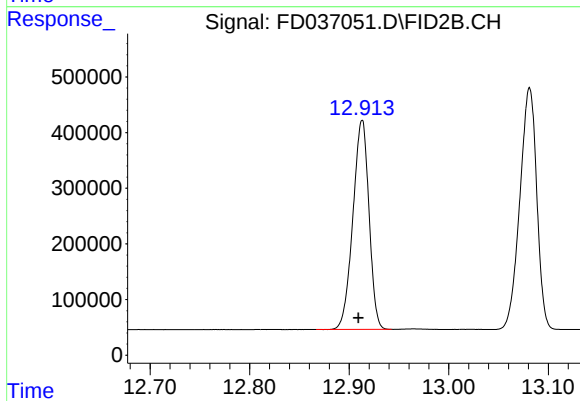
#10 n-Eicosane (C20)

R.T.: 12.472 min
Delta R.T.: 0.005 min
Response: 5232149
Conc: 48.00 ug/ml



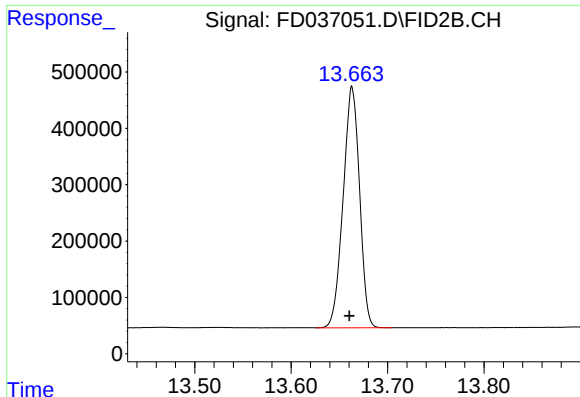
#11 n-Heneicosane (C21)

R.T.: 13.081 min
Delta R.T.: 0.005 min
Response: 5133441
Conc: 47.80 ug/ml



#12 1-chlorooctadecane (SURR)

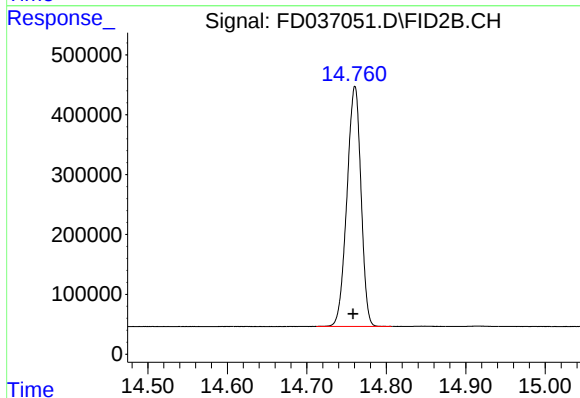
R.T.: 12.913 min
Delta R.T.: 0.004 min
Response: 4228763
Conc: 48.79 ug/ml



#13 n-Docosane (C22)

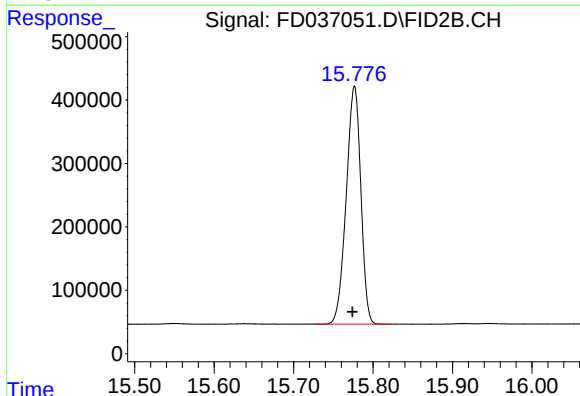
R.T.: 13.663 min
Delta R.T.: 0.003 min
Response: 5048465
Conc: 48.02 ug/ml

Instrument :
FID_D
ClientSampleId :
50 PPM ALIPHATIC HC STD2



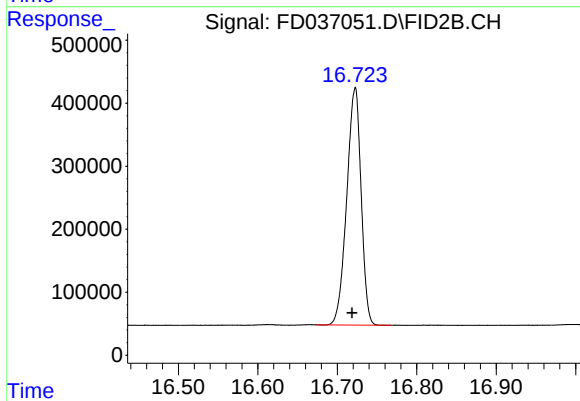
#14 n-Tetracosane (C24)

R.T.: 14.761 min
Delta R.T.: 0.002 min
Response: 4932849
Conc: 47.79 ug/ml



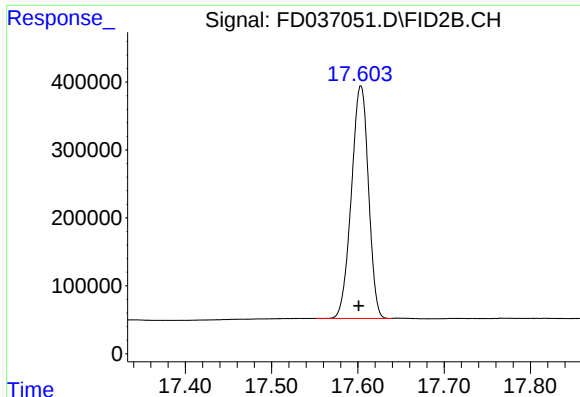
#15 n-Hexacosane (C26)

R.T.: 15.777 min
Delta R.T.: 0.003 min
Response: 4788685
Conc: 48.01 ug/ml



#16 n-Octacosane (C28)

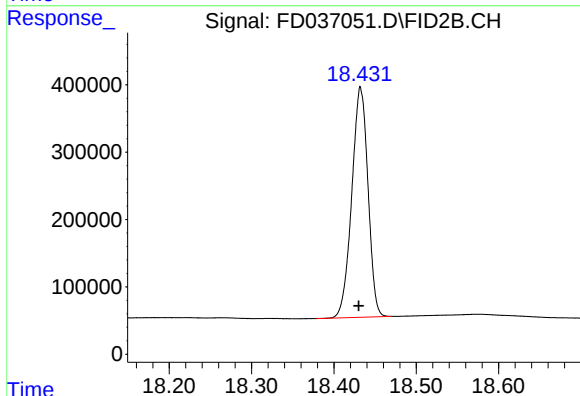
R.T.: 16.723 min
Delta R.T.: 0.004 min
Response: 4737094
Conc: 48.02 ug/ml



#17 n-Tricontane (C30)

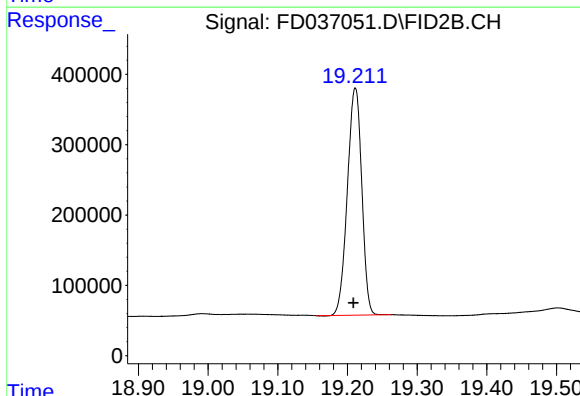
R.T.: 17.604 min
Delta R.T.: 0.002 min
Response: 4711317
Conc: 47.93 ug/ml

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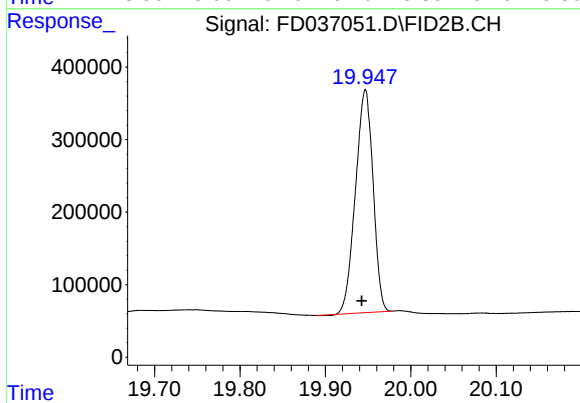
#18 n-Dotriacontane (C32)

R.T.: 18.432 min
Delta R.T.: 0.002 min
Response: 4669247
Conc: 46.99 ug/ml



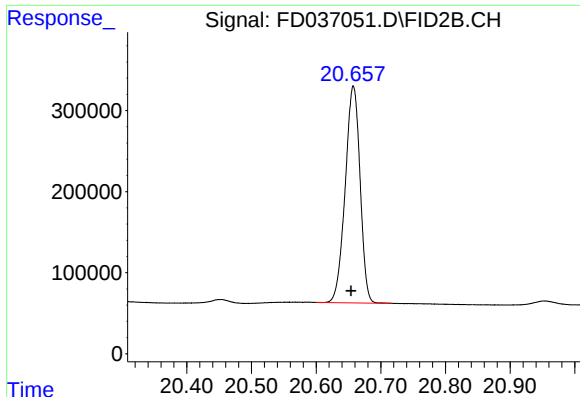
#19 n-Tetratriacontane (C34)

R.T.: 19.211 min
Delta R.T.: 0.003 min
Response: 4629005
Conc: 47.73 ug/ml



#20 n-Hexatriacontane (C36)

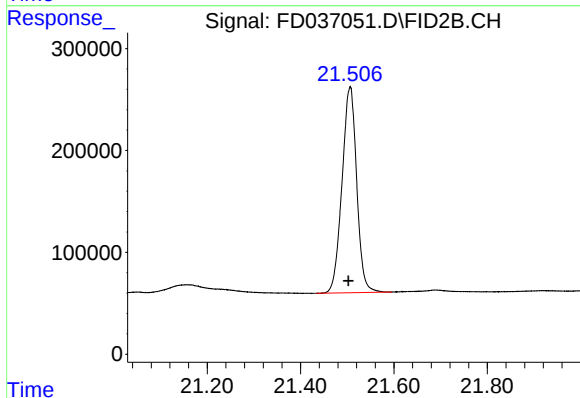
R.T.: 19.947 min
Delta R.T.: 0.004 min
Response: 4401842
Conc: 46.79 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.658 min
Delta R.T.: 0.003 min
Response: 4274141
Conc: 49.30 ug/ml

Instrument :
FID_D
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#22 n-Tetracontane (C40)

R.T.: 21.506 min
Delta R.T.: 0.004 min
Response: 4412141
Conc: 45.29 ug/ml