

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD041820AL\
 Data File : FD033020.D
 Signal(s) : FID2B.CH
 Acq On : 19 Apr 2020 15:03
 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: sample.E
 Quant Time: Apr 19 22:21:26 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Alaphatic EPH 040720.M
 Quant Title : GC Extractables
 QLast Update : Tue Apr 07 14:10:50 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)	11.498	2612434	17.387 ug/ml
Spiked Amount 50.000		Recovery =	34.77%
12) S 1-chlorooctadecane (S...	12.929	2041928	17.397 ug/ml
Spiked Amount 50.000		Recovery =	34.79%
Target Compounds			
1) T n-Nonane (C9)	3.307	2525095	18.885 ug/ml
2) T n-Decane (C10)	4.367	2542651	18.979 ug/ml
3) T A~Naphthalene (C11.7)	5.942	2764376	18.756 ug/ml
4) T n-Dodecane (C12)	6.373	2582768	19.049 ug/ml
5) T A~2-methylnaphthalene...	6.993	2773723	18.670 ug/ml
6) T n-Tetradecane (C14)	8.158	2597148	18.996 ug/ml
7) T n-Hexadecane (C16)	9.749	2575904	18.750 ug/ml
8) T n-Octadecane (C18)	11.184	2526588	18.245 ug/ml
10) T n-Eicosane (C20)	12.487	2456043	17.681 ug/ml
11) T n-Heneicosane (C21)	13.096	2430278	17.350 ug/ml
13) T n-Docosane (C22)	13.679	2371862	17.084 ug/ml
14) T n-Tetracosane (C24)	14.777	2310025	16.834 ug/ml
15) T n-Hexacosane (C26)	15.793	2226765	16.745 ug/ml
16) T n-Octacosane (C28)	16.739	2151705	17.047 ug/ml
17) T n-Tricontane (C30)	17.622	2002982	17.597 ug/ml
18) T n-Dotriacontane (C32)	18.451	1563907	18.617 ug/ml
19) T n-Tetratriacontane (C34)	19.229	1143785	18.859 ug/ml
20) T n-Hexatriacontane (C36)	19.965	996232	19.856 ug/ml
21) T n-Octatriacontane (C38)	20.679	945564	19.640 ug/ml
22) T n-Tetracontane (C40)	21.536	971131	19.246 ug/ml

(f)=RT Delta > 1/2 Window

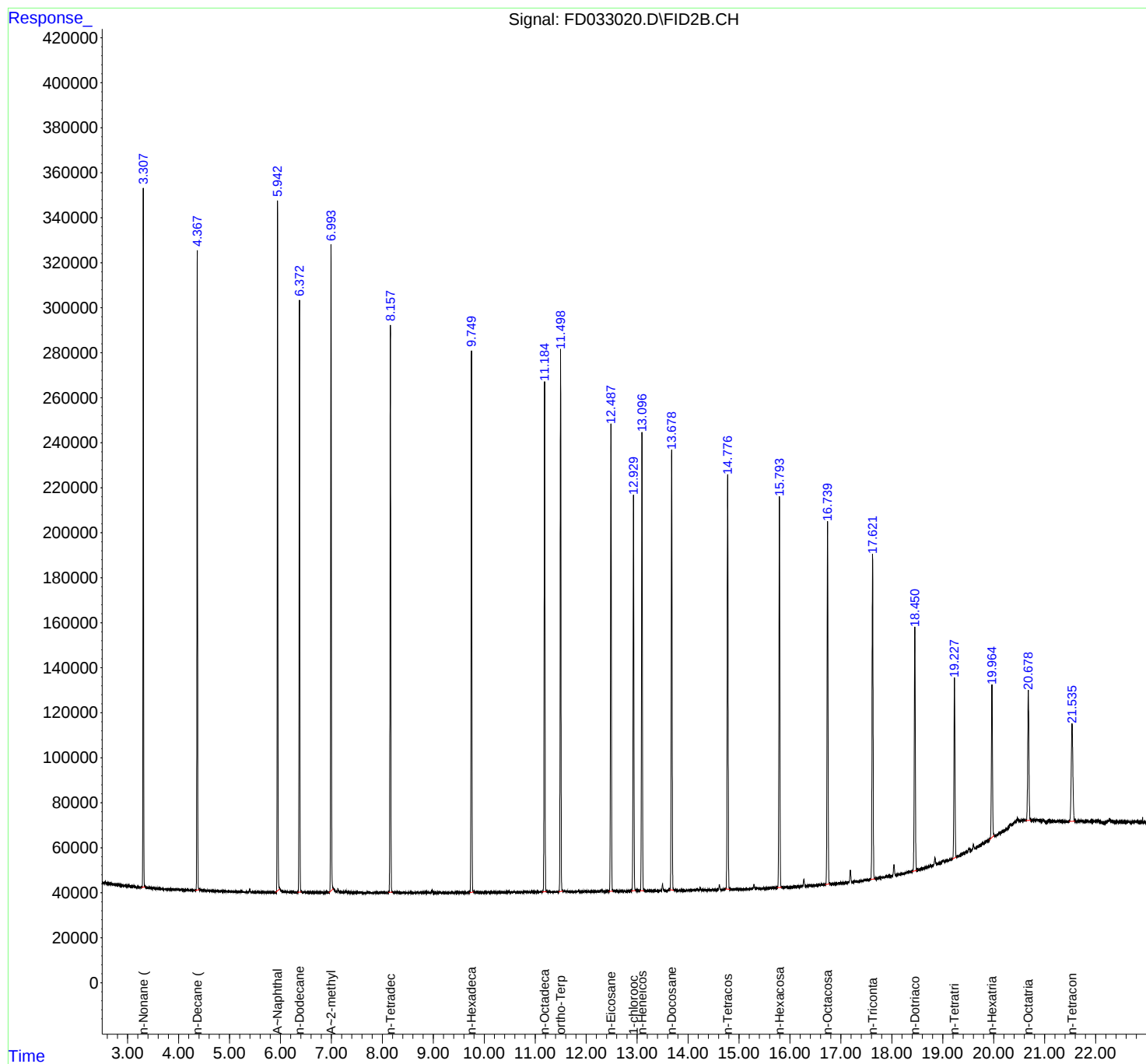
(m)=manual int.

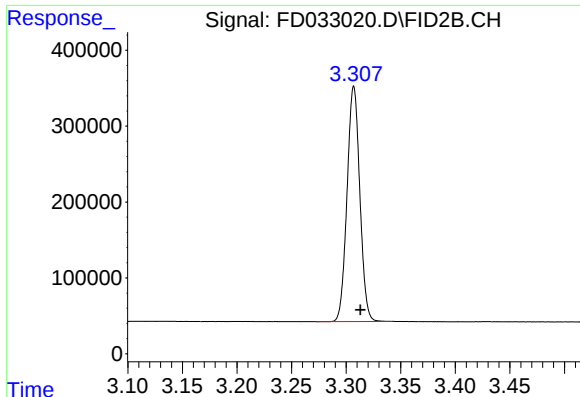
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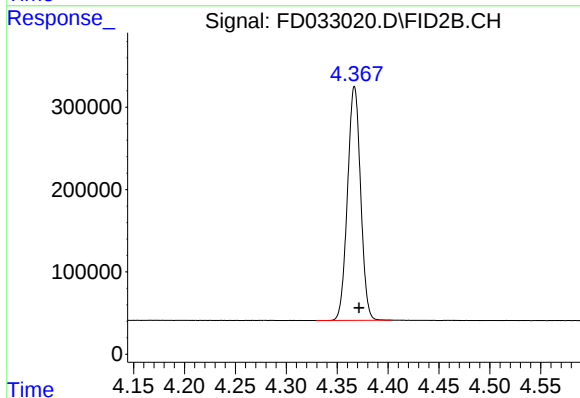




#1 n-Nonane (C9)

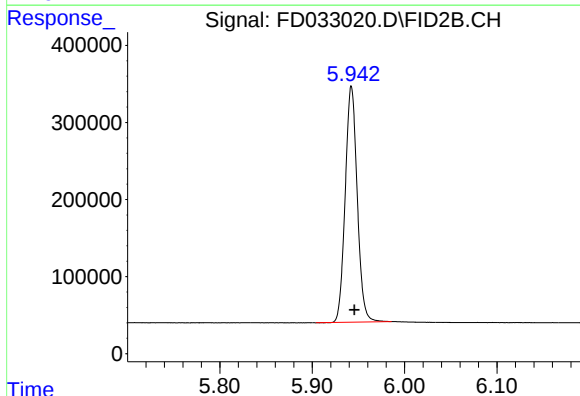
R.T.: 3.307 min
Delta R.T.: -0.006 min
Response: 2525095
Conc: 18.88 ug/ml

Instrument :
FID_D
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20 PPM ALIPHATIC HC STD



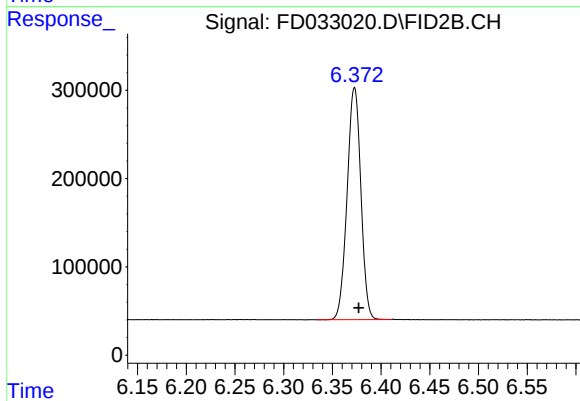
#2 n-Decane (C10)

R.T.: 4.367 min
Delta R.T.: -0.004 min
Response: 2542651
Conc: 18.98 ug/ml



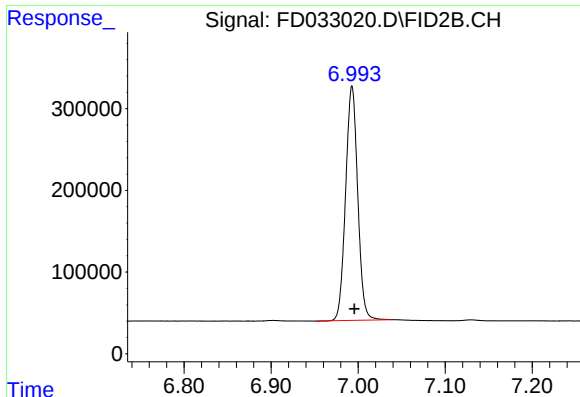
#3 A~Naphthalene (C11.7)

R.T.: 5.942 min
Delta R.T.: -0.003 min
Response: 2764376
Conc: 18.76 ug/ml



#4 n-Dodecane (C12)

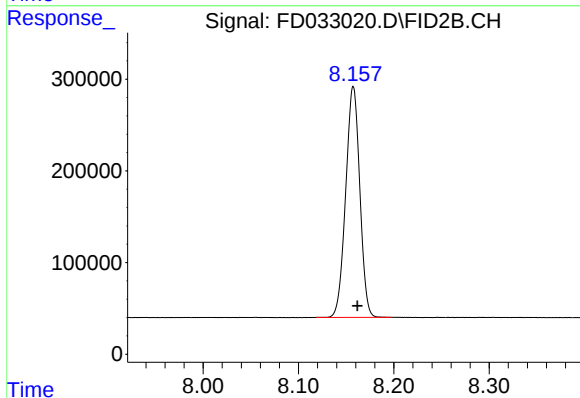
R.T.: 6.373 min
Delta R.T.: -0.004 min
Response: 2582768
Conc: 19.05 ug/ml



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

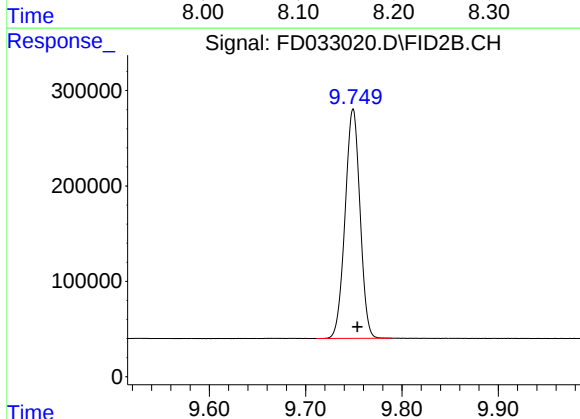
R.T.: 6.993 min
Delta R.T.: -0.003 min
Response: 2773723
Conc: 18.67 ug/ml

Instrument :
FID_D
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20 PPM ALIPHATIC HC STD



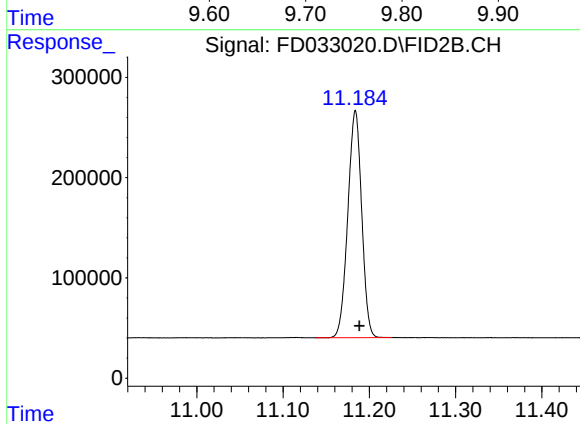
#6 n-Tetradecane (C14)

R.T.: 8.158 min
Delta R.T.: -0.004 min
Response: 2597148
Conc: 19.00 ug/ml



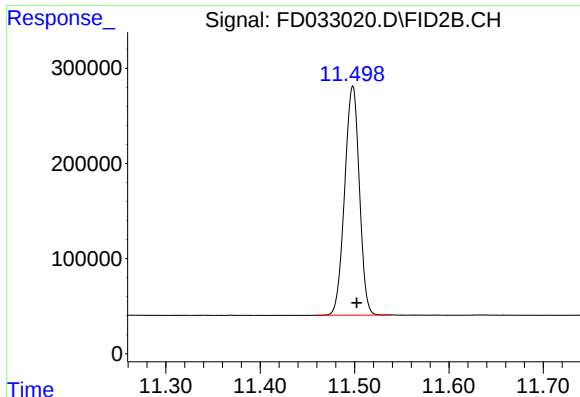
#7 n-Hexadecane (C16)

R.T.: 9.749 min
Delta R.T.: -0.004 min
Response: 2575904
Conc: 18.75 ug/ml



#8 n-Octadecane (C18)

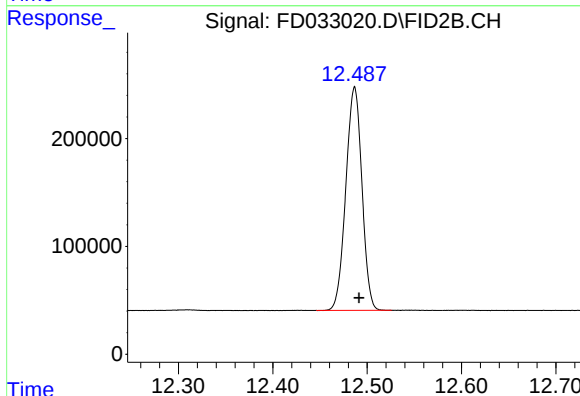
R.T.: 11.184 min
Delta R.T.: -0.005 min
Response: 2526588
Conc: 18.24 ug/ml



#9 ortho-Terphenyl (SURR)

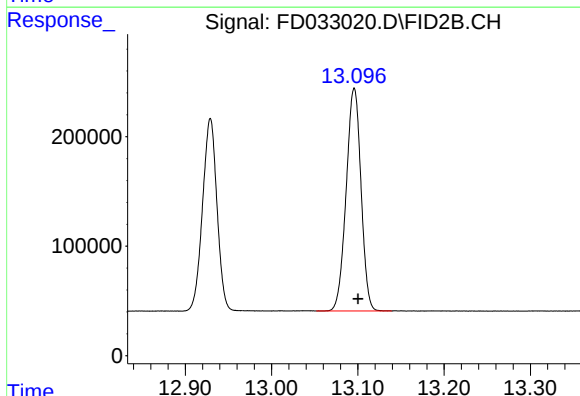
R.T.: 11.498 min
Delta R.T.: -0.004 min
Response: 2612434
Conc: 17.39 ug/ml

Instrument :
FID_D
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20 PPM ALIPHATIC HC STD



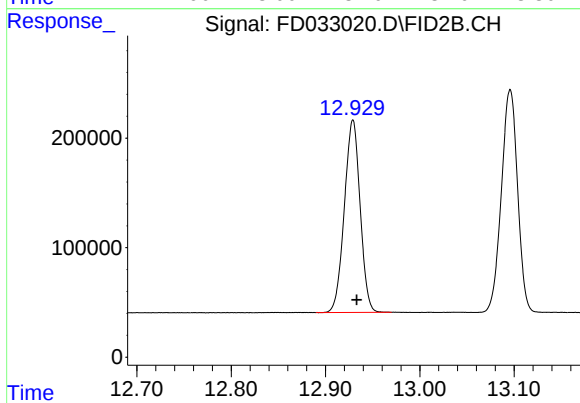
#10 n-Eicosane (C20)

R.T.: 12.487 min
Delta R.T.: -0.005 min
Response: 2456043
Conc: 17.68 ug/ml



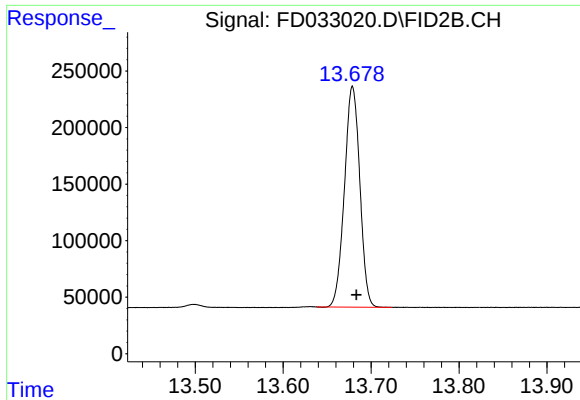
#11 n-Heneicosane (C21)

R.T.: 13.096 min
Delta R.T.: -0.004 min
Response: 2430278
Conc: 17.35 ug/ml



#12 1-chlorooctadecane (SURR)

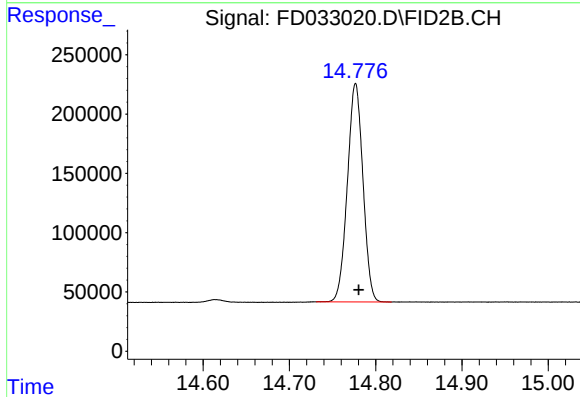
R.T.: 12.929 min
Delta R.T.: -0.004 min
Response: 2041928
Conc: 17.40 ug/ml



#13 n-Docosane (C22)

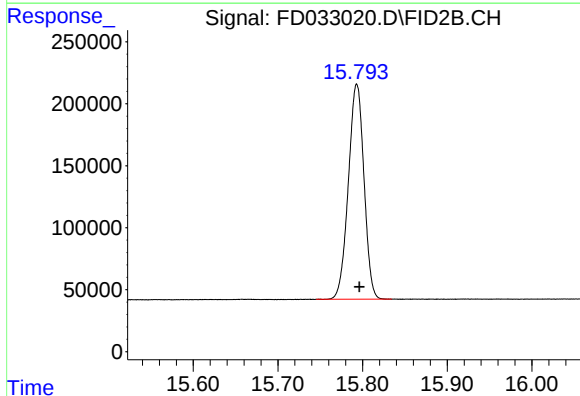
R.T.: 13.679 min
Delta R.T.: -0.005 min
Response: 2371862
Conc: 17.08 ug/ml

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20 PPM ALIPHATIC HC STD



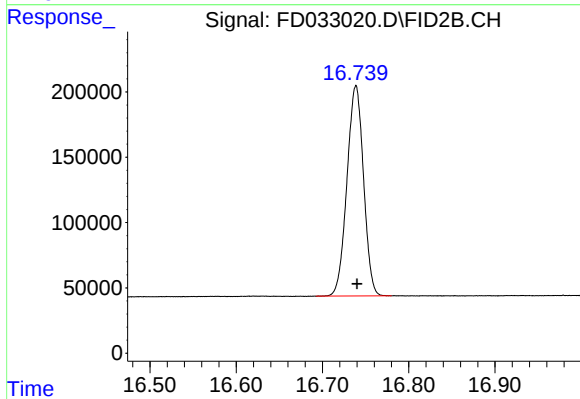
#14 n-Tetracosane (C24)

R.T.: 14.777 min
Delta R.T.: -0.004 min
Response: 2310025
Conc: 16.83 ug/ml



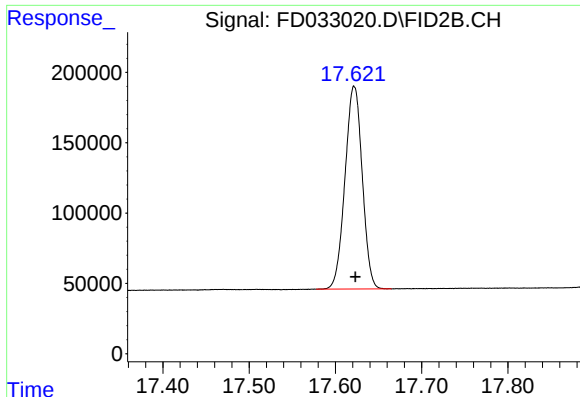
#15 n-Hexacosane (C26)

R.T.: 15.793 min
Delta R.T.: -0.003 min
Response: 2226765
Conc: 16.75 ug/ml



#16 n-Octacosane (C28)

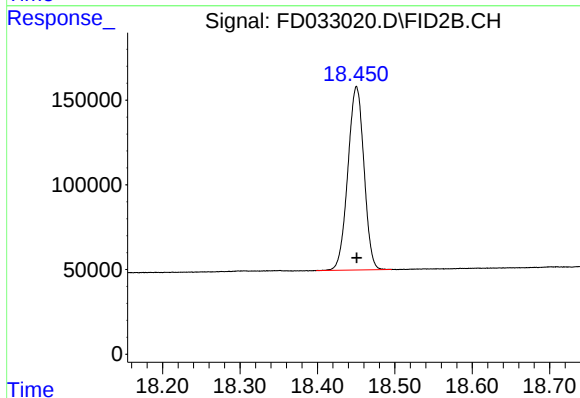
R.T.: 16.739 min
Delta R.T.: -0.001 min
Response: 2151705
Conc: 17.05 ug/ml



#17 n-Tricontane (C30)

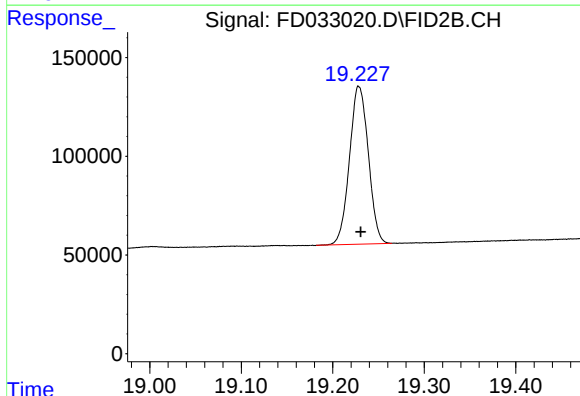
R.T.: 17.622 min
Delta R.T.: -0.001 min
Response: 2002982
Conc: 17.60 ug/ml

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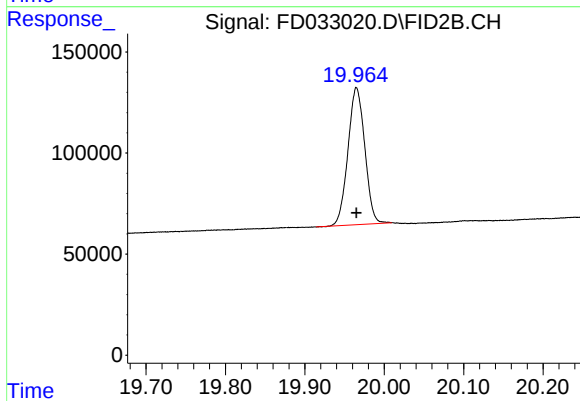
#18 n-Dotriacontane (C32)

R.T.: 18.451 min
Delta R.T.: 0.000 min
Response: 1563907
Conc: 18.62 ug/ml



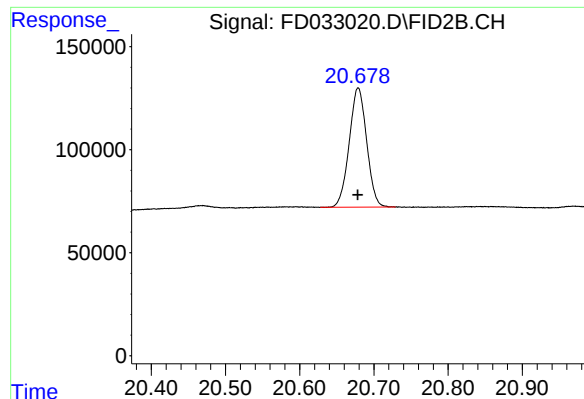
#19 n-Tetratriacontane (C34)

R.T.: 19.229 min
Delta R.T.: -0.002 min
Response: 1143785
Conc: 18.86 ug/ml



#20 n-Hexatriacontane (C36)

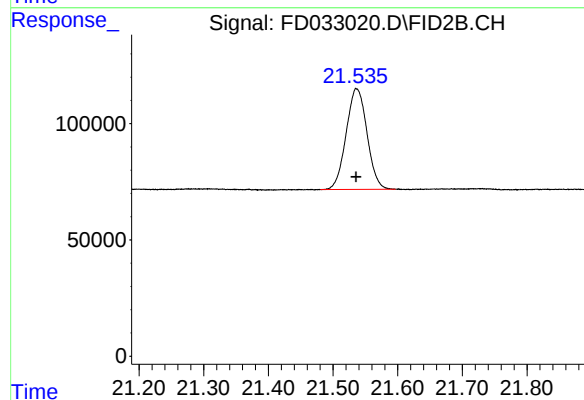
R.T.: 19.965 min
Delta R.T.: 0.000 min
Response: 996232
Conc: 19.86 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.679 min
Delta R.T.: 0.000 min
Response: 945564
Conc: 19.64 ug/ml

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20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 21.536 min
Delta R.T.: 0.000 min
Response: 971131
Conc: 19.25 ug/ml