

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD110320AL\
 Data File : FD035309.D
 Signal(s) : FID2B.CH
 Acq On : 04 Nov 2020 14:12
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 69 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Nov 04 14:50:26 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Alaphatic EPH 110220.M
 Quant Title : GC Extractables
 QLast Update : Tue Nov 03 11:48:08 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)	11.541	2659558	20.445 ug/ml
Spiked Amount 50.000		Recovery =	40.89%
12) S 1-chlorooctadecane (S...	12.972	2124070	20.381 ug/ml
Spiked Amount 50.000		Recovery =	40.76%
Target Compounds			
1) T n-Nonane (C9)	3.333	2326804	20.664 ug/ml
2) T n-Decane (C10)	4.396	2349924	20.795 ug/ml
3) T A~Naphthalene (C11.7)	5.976	2570536	21.019 ug/ml
4) T n-Dodecane (C12)	6.407	2402437	20.780 ug/ml
5) T A~2-methylnaphthalene...	7.028	2619890	20.938 ug/ml
6) T n-Tetradecane (C14)	8.195	2419187	21.007 ug/ml
7) T n-Hexadecane (C16)	9.789	2384270	20.866 ug/ml
8) T n-Octadecane (C18)	11.226	2496374	20.686 ug/ml
10) T n-Eicosane (C20)	12.529	2512788	20.491 ug/ml
11) T n-Heneicosane (C21)	13.138	2500421	20.337 ug/ml
13) T n-Docosane (C22)	13.722	2490686	20.199 ug/ml
14) T n-Tetracosane (C24)	14.820	2461995	19.900 ug/ml
15) T n-Hexacosane (C26)	15.836	2393508	19.446 ug/ml
16) T n-Octacosane (C28)	16.781	2329228	18.919 ug/ml
17) T n-Tricontane (C30)	17.662	2235500	18.497 ug/ml
18) T n-Dotriacontane (C32)	18.492	2055131	18.278 ug/ml
19) T n-Tetratriacontane (C34)	19.270	1882249	17.933 ug/ml
20) T n-Hexatriacontane (C36)	20.005	1712383	17.875 ug/ml
21) T n-Octatriacontane (C38)	20.726	1639835	18.461 ug/ml
22) T n-Tetracontane (C40)	21.603	1709461	19.478 ug/ml

(f)=RT Delta > 1/2 Window

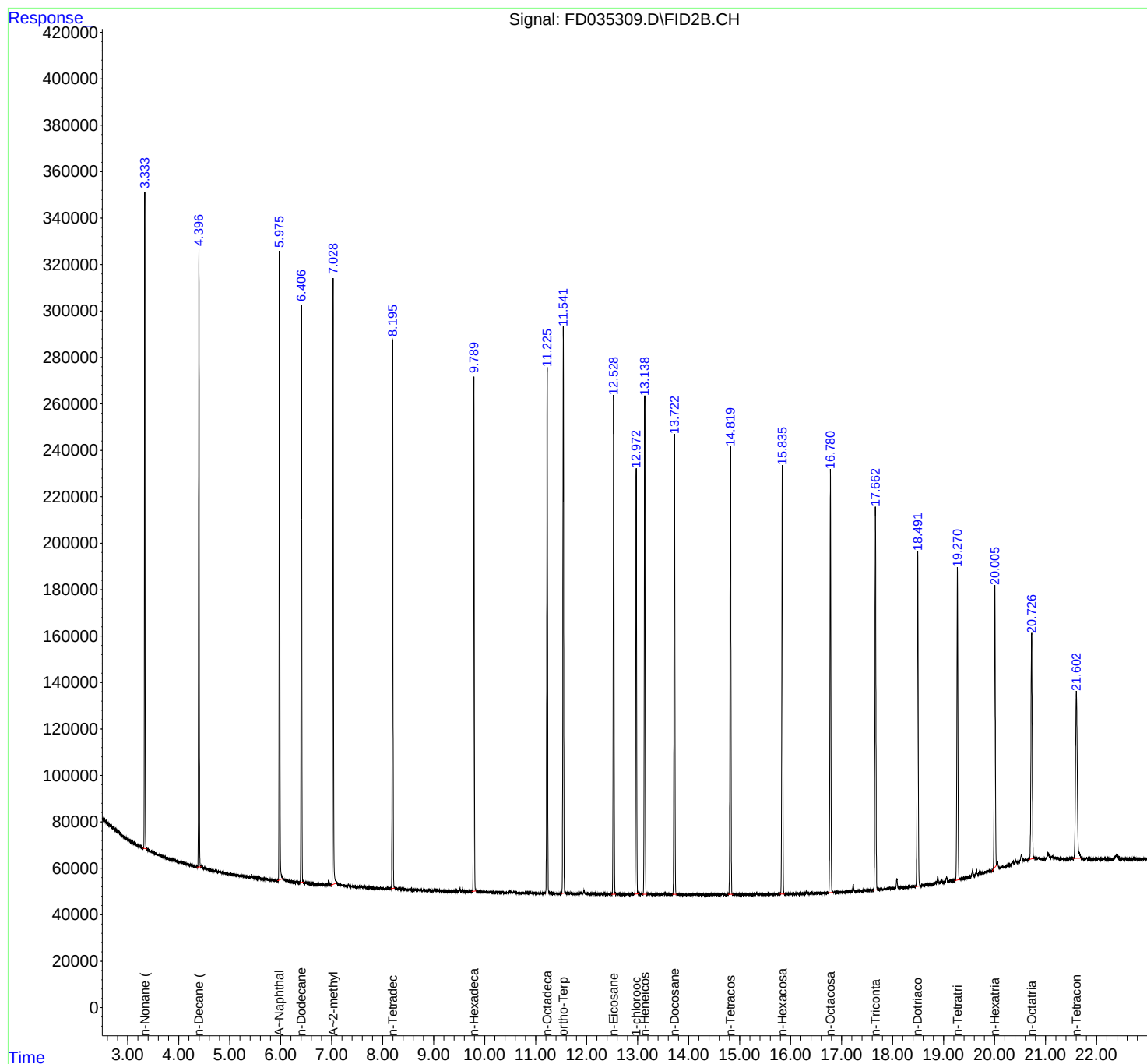
(m)=manual int.

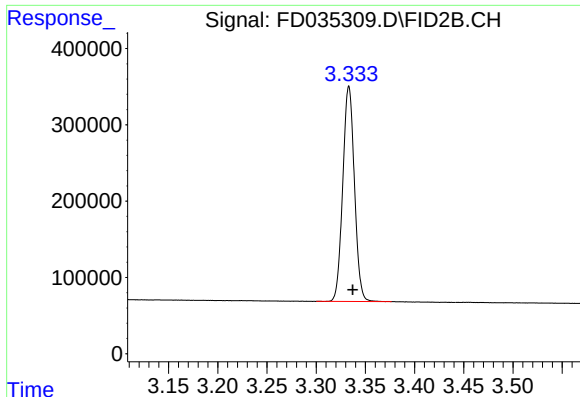
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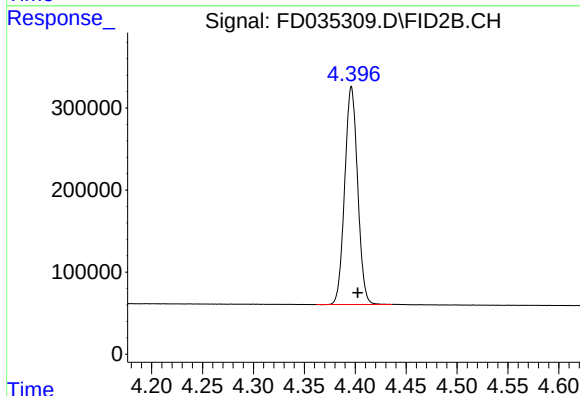




#1 n-Nonane (C9)

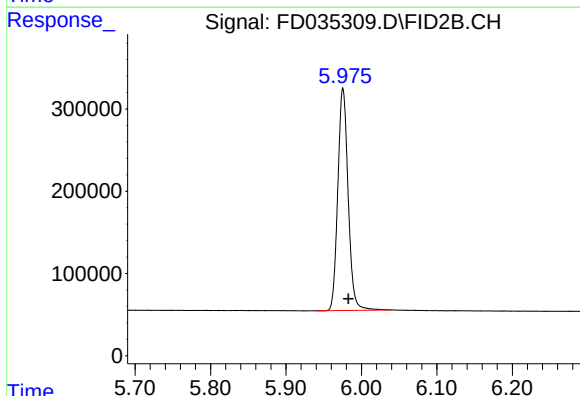
R.T.: 3.333 min
Delta R.T.: -0.004 min
Response: 2326804
Conc: 20.66 ug/ml

Instrument :
FID_C
ClientSampleId :



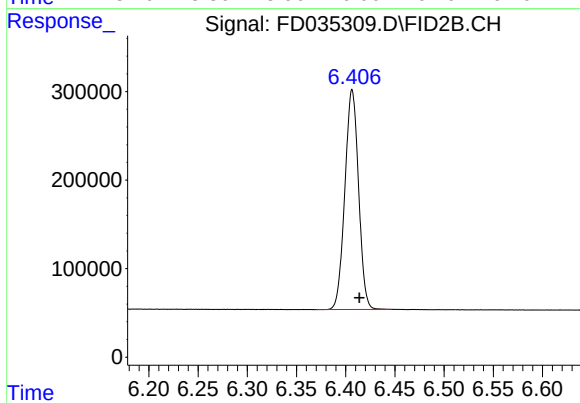
#2 n-Decane (C10)

R.T.: 4.396 min
Delta R.T.: -0.006 min
Response: 2349924
Conc: 20.80 ug/ml



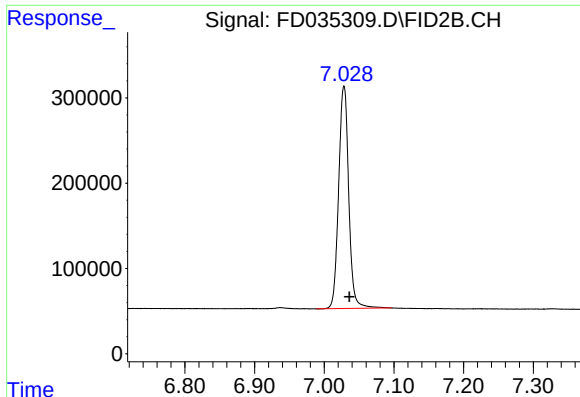
#3 A~Naphthalene (C11.7)

R.T.: 5.976 min
Delta R.T.: -0.007 min
Response: 2570536
Conc: 21.02 ug/ml



#4 n-Dodecane (C12)

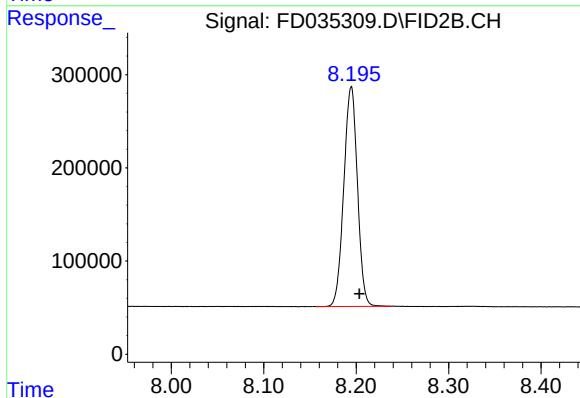
R.T.: 6.407 min
Delta R.T.: -0.007 min
Response: 2402437
Conc: 20.78 ug/ml



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

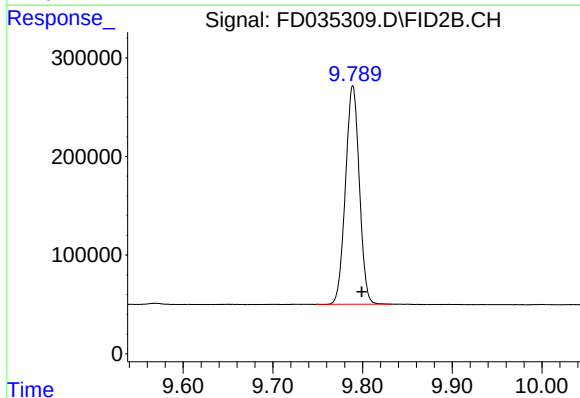
R.T.: 7.028 min
Delta R.T.: -0.008 min
Response: 2619890
Conc: 20.94 ug/ml

Instrument :
FID_C
ClientSampleId :



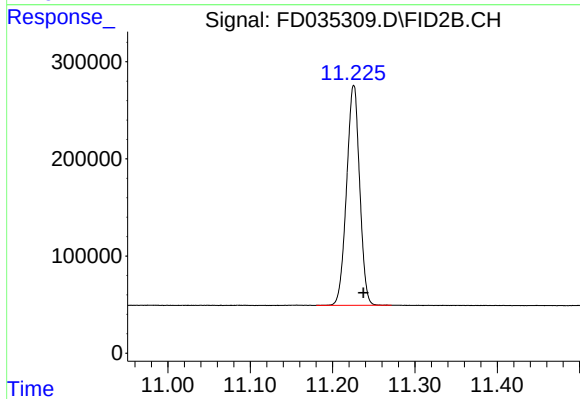
#6 n-Tetradecane (C14)

R.T.: 8.195 min
Delta R.T.: -0.008 min
Response: 2419187
Conc: 21.01 ug/ml



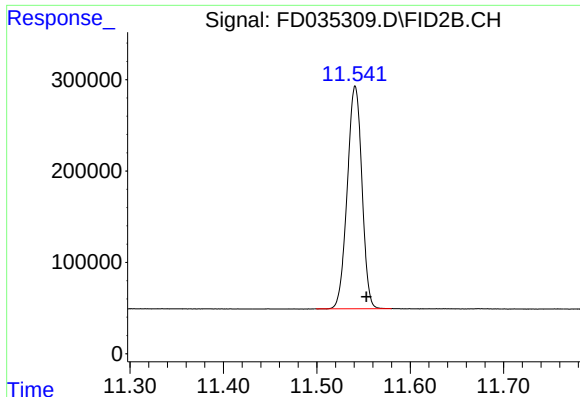
#7 n-Hexadecane (C16)

R.T.: 9.789 min
Delta R.T.: -0.010 min
Response: 2384270
Conc: 20.87 ug/ml



#8 n-Octadecane (C18)

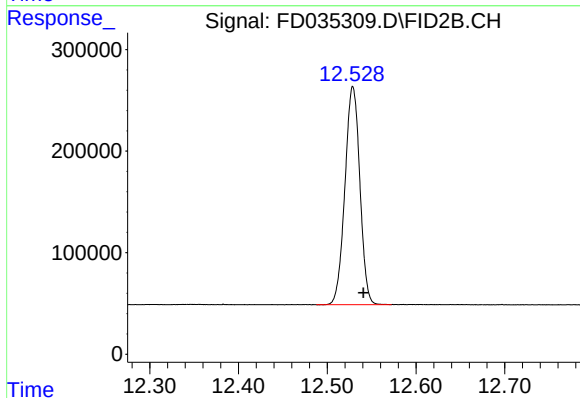
R.T.: 11.226 min
Delta R.T.: -0.012 min
Response: 2496374
Conc: 20.69 ug/ml



#9 ortho-Terphenyl (SURR)

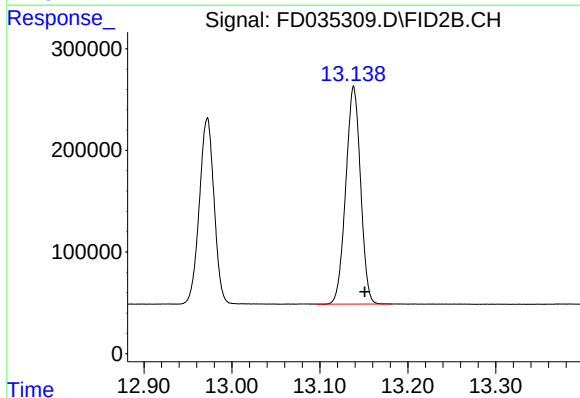
R.T.: 11.541 min
Delta R.T.: -0.012 min
Response: 2659558
Conc: 20.44 ug/ml

Instrument :
FID_C
ClientSampleId :



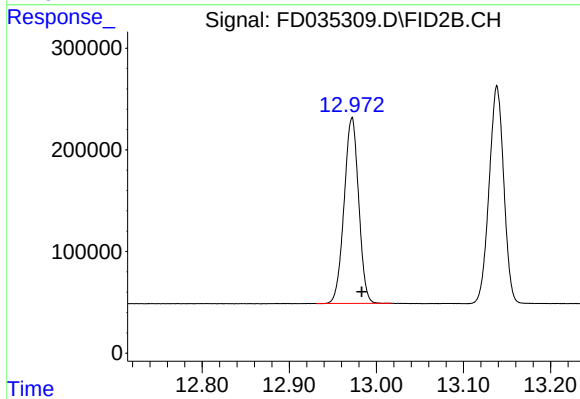
#10 n-Eicosane (C20)

R.T.: 12.529 min
Delta R.T.: -0.012 min
Response: 2512788
Conc: 20.49 ug/ml



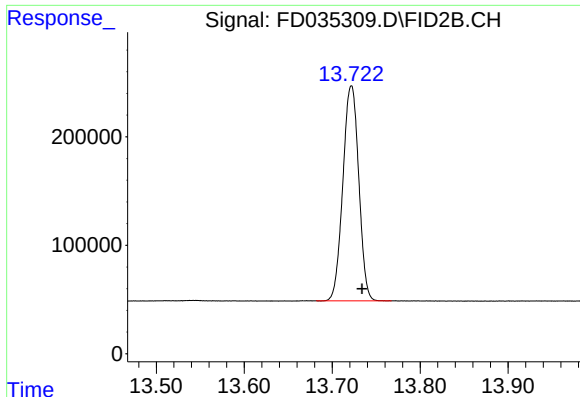
#11 n-Heneicosane (C21)

R.T.: 13.138 min
Delta R.T.: -0.012 min
Response: 2500421
Conc: 20.34 ug/ml



#12 1-chlorooctadecane (SURR)

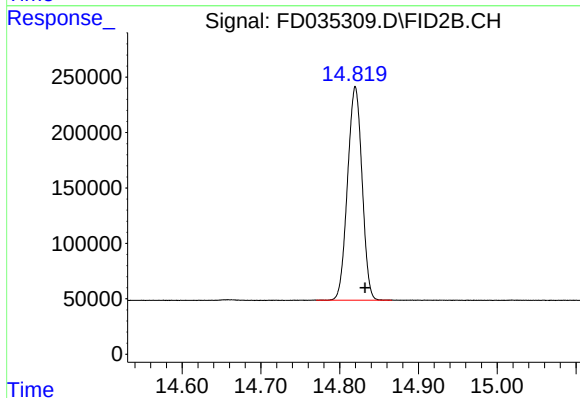
R.T.: 12.972 min
Delta R.T.: -0.011 min
Response: 2124070
Conc: 20.38 ug/ml



#13 n-Docosane (C22)

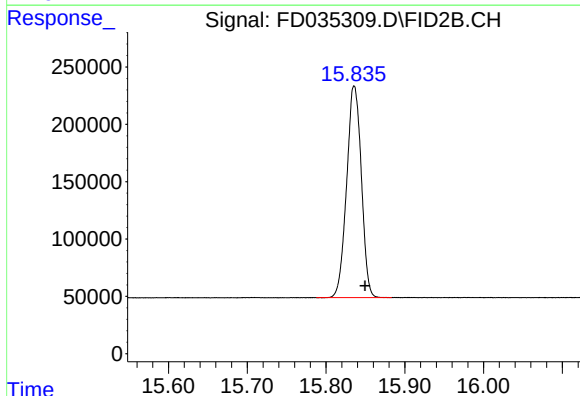
R.T.: 13.722 min
Delta R.T.: -0.012 min
Response: 2490686
Conc: 20.20 ug/ml

Instrument :
FID_C
ClientSampleId :



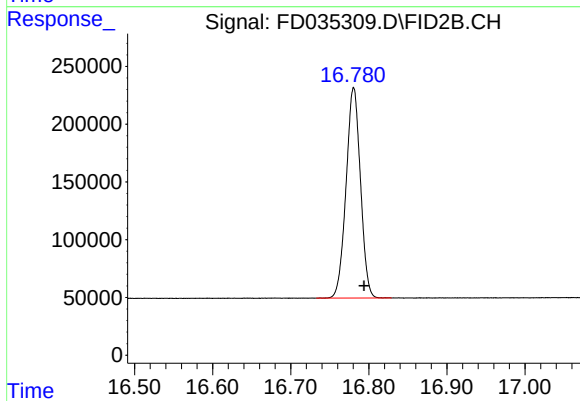
#14 n-Tetracosane (C24)

R.T.: 14.820 min
Delta R.T.: -0.012 min
Response: 2461995
Conc: 19.90 ug/ml



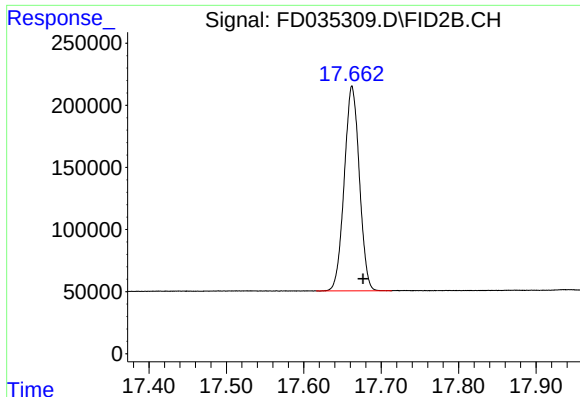
#15 n-Hexacosane (C26)

R.T.: 15.836 min
Delta R.T.: -0.014 min
Response: 2393508
Conc: 19.45 ug/ml



#16 n-Octacosane (C28)

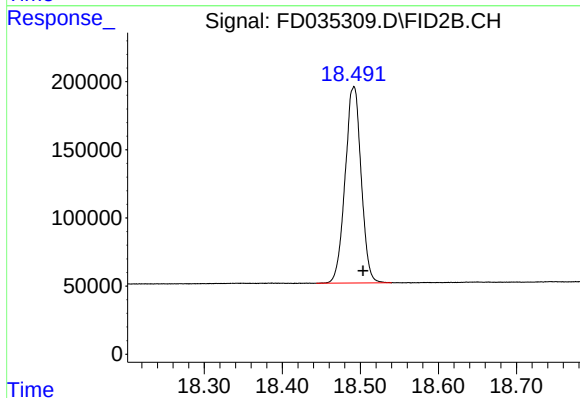
R.T.: 16.781 min
Delta R.T.: -0.013 min
Response: 2329228
Conc: 18.92 ug/ml



#17 n-Tricontane (C30)

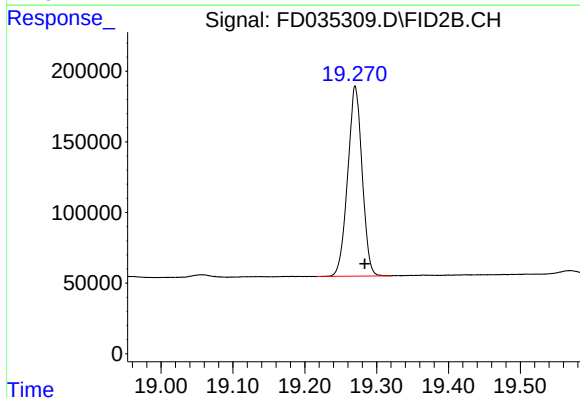
R.T.: 17.662 min
Delta R.T.: -0.014 min
Response: 2235500
Conc: 18.50 ug/ml

Instrument :
FID_C
ClientSampleId :



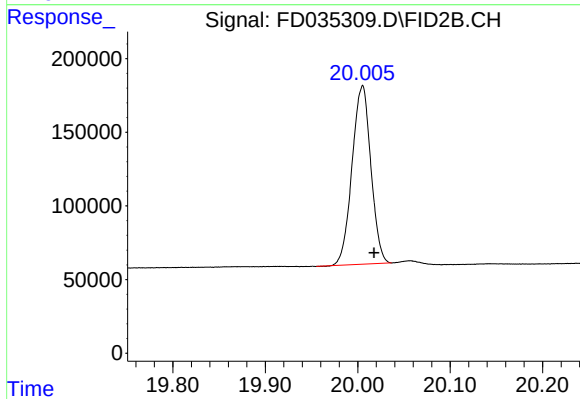
#18 n-Dotriacontane (C32)

R.T.: 18.492 min
Delta R.T.: -0.012 min
Response: 2055131
Conc: 18.28 ug/ml



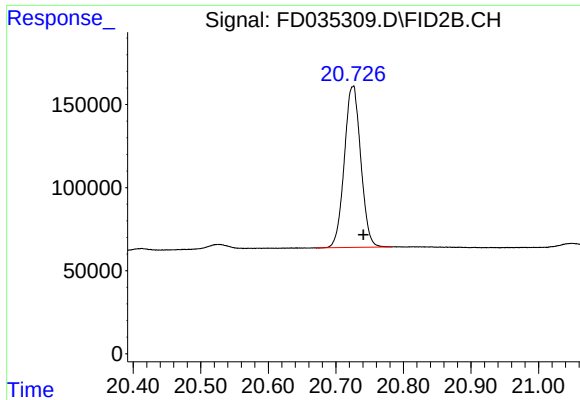
#19 n-Tetratriacontane (C34)

R.T.: 19.270 min
Delta R.T.: -0.013 min
Response: 1882249
Conc: 17.93 ug/ml



#20 n-Hexatriacontane (C36)

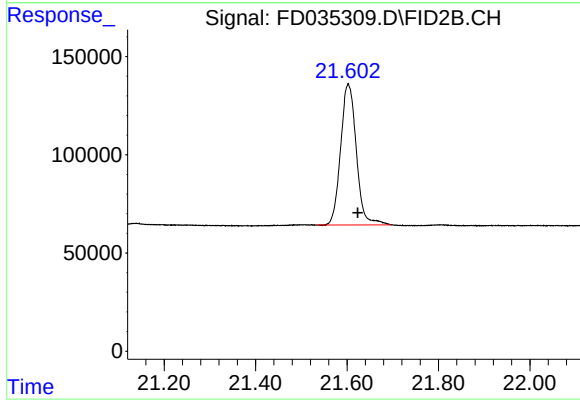
R.T.: 20.005 min
Delta R.T.: -0.012 min
Response: 1712383
Conc: 17.88 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.726 min
Delta R.T.: -0.015 min
Response: 1639835
Conc: 18.46 ug/ml

Instrument :
FID_C
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 21.603 min
Delta R.T.: -0.021 min
Response: 1709461
Conc: 19.48 ug/ml