

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD041820AL\
 Data File : FD033030.D
 Signal(s) : FID2B.CH
 Acq On : 19 Apr 2020 21:05
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Apr 19 22:22:17 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)	11.497	2649712	17.635 ug/ml
Spiked Amount 50.000		Recovery =	35.27%
12) S 1-chlorooctadecane (S...	12.928	2073088	17.663 ug/ml
Spiked Amount 50.000		Recovery =	35.33%
Target Compounds			
1) T n-Nonane (C9)	3.306	2559423	19.142 ug/ml
2) T n-Decane (C10)	4.365	2581231	19.267 ug/ml
3) T A~Naphthalene (C11.7)	5.941	2814803	19.098 ug/ml
4) T n-Dodecane (C12)	6.372	2624958	19.360 ug/ml
5) T A~2-methylnaphthalene...	6.992	2825788	19.021 ug/ml
6) T n-Tetradecane (C14)	8.157	2641490	19.320 ug/ml
7) T n-Hexadecane (C16)	9.749	2618621	19.061 ug/ml
8) T n-Octadecane (C18)	11.183	2572092	18.573 ug/ml
10) T n-Eicosane (C20)	12.486	2493102	17.948 ug/ml
11) T n-Heneicosane (C21)	13.095	2466551	17.608 ug/ml
13) T n-Docosane (C22)	13.678	2412598	17.377 ug/ml
14) T n-Tetracosane (C24)	14.776	2345614	17.094 ug/ml
15) T n-Hexacosane (C26)	15.793	2267957	17.055 ug/ml
16) T n-Octacosane (C28)	16.738	2195375	17.393 ug/ml
17) T n-Tricontane (C30)	17.622	2048013	17.992 ug/ml
18) T n-Dotriacontane (C32)	18.450	1590835	18.938 ug/ml
19) T n-Tetratriacontane (C34)	19.229	1166787	19.238 ug/ml
20) T n-Hexatriacontane (C36)	19.965	1020354	20.337 ug/ml
21) T n-Octatriacontane (C38)	20.677	961812	19.978 ug/ml
22) T n-Tetracontane (C40)	21.536	979861	19.419 ug/ml

(f)=RT Delta > 1/2 Window

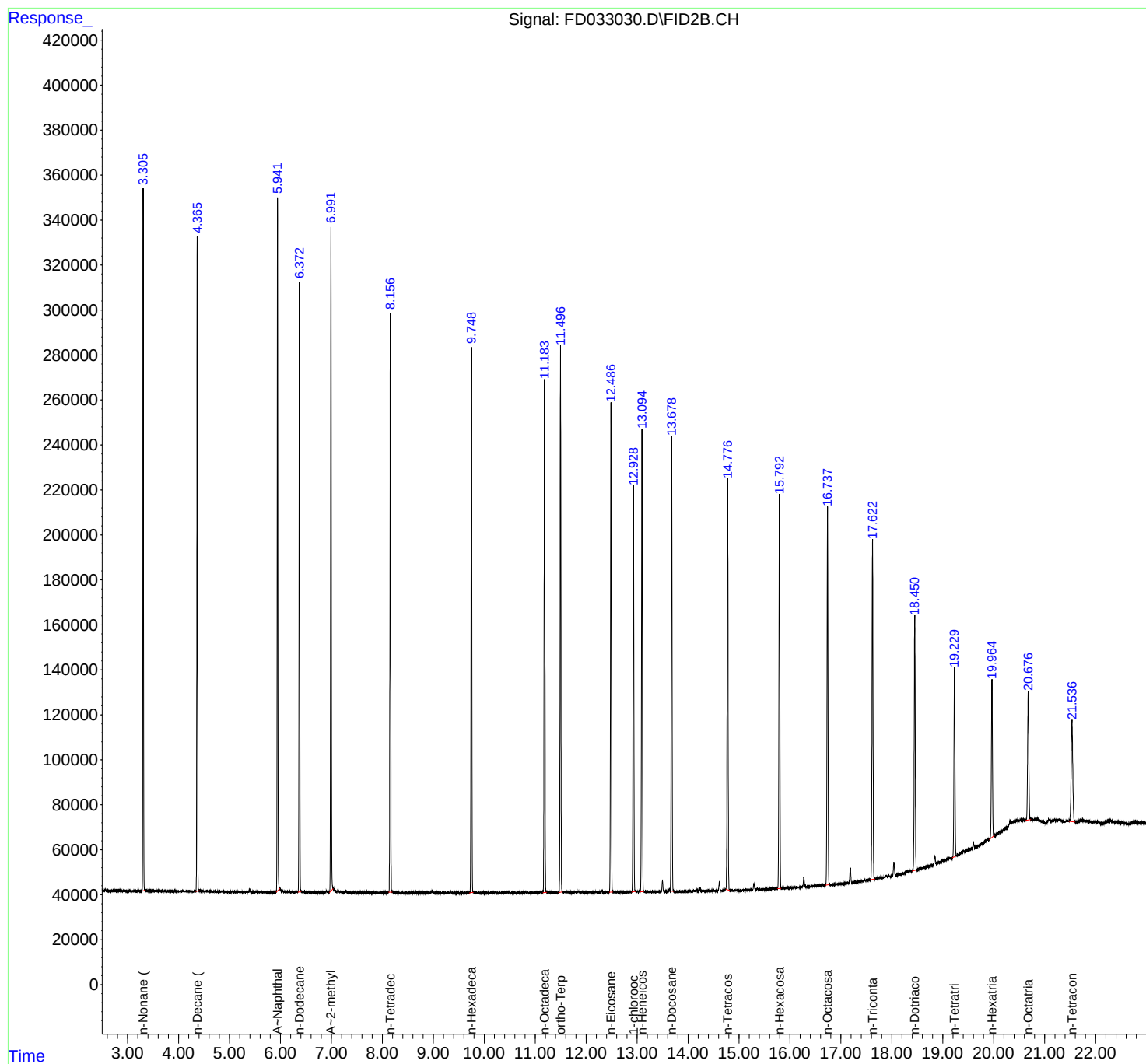
(m)=manual int.

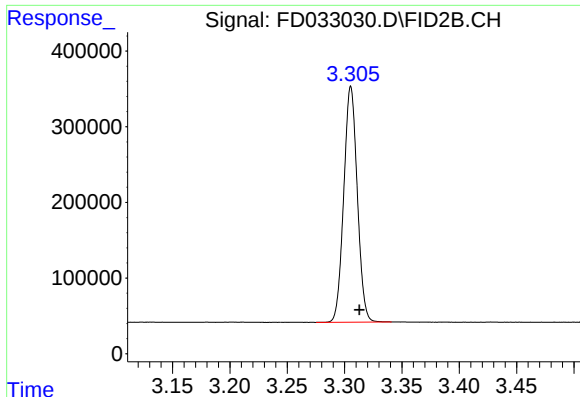
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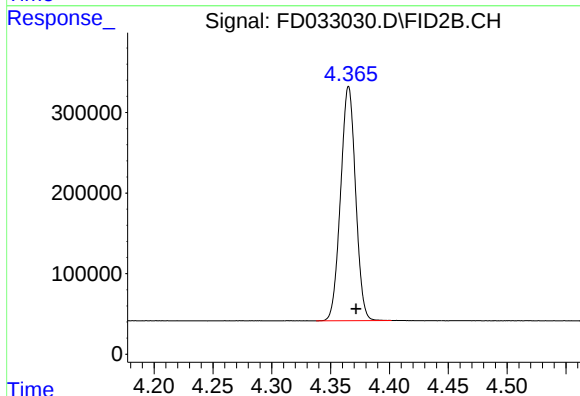




#1 n-Nonane (C9)

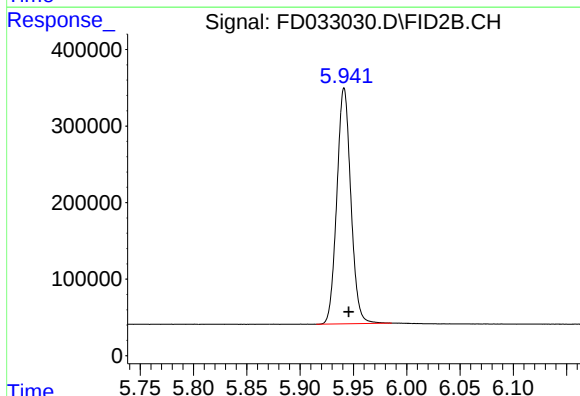
R.T.: 3.306 min
Delta R.T.: -0.007 min
Response: 2559423
Conc: 19.14 ug/ml

Instrument :
FID_D
ClientSampleId :



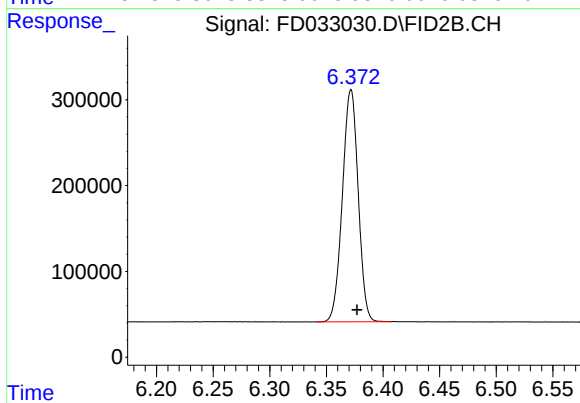
#2 n-Decane (C10)

R.T.: 4.365 min
Delta R.T.: -0.006 min
Response: 2581231
Conc: 19.27 ug/ml



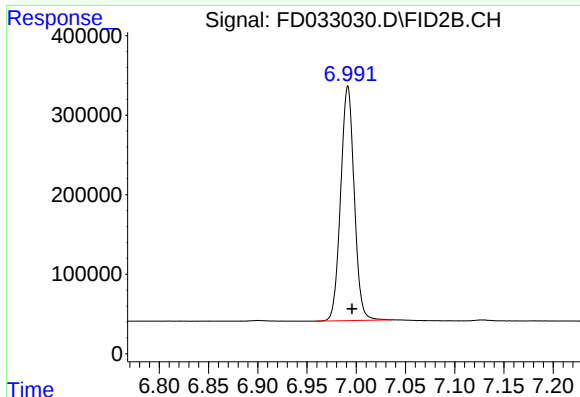
#3 A~Naphthalene (C11.7)

R.T.: 5.941 min
Delta R.T.: -0.004 min
Response: 2814803
Conc: 19.10 ug/ml



#4 n-Dodecane (C12)

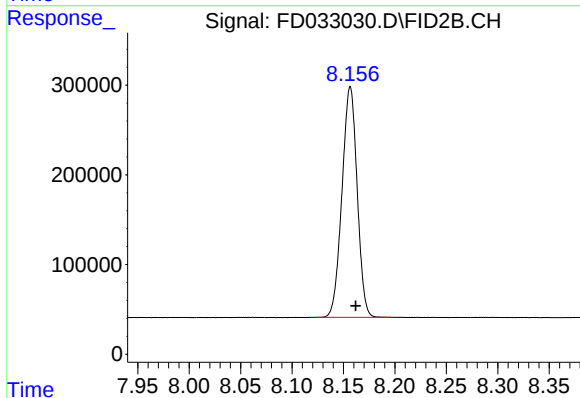
R.T.: 6.372 min
Delta R.T.: -0.005 min
Response: 2624958
Conc: 19.36 ug/ml



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

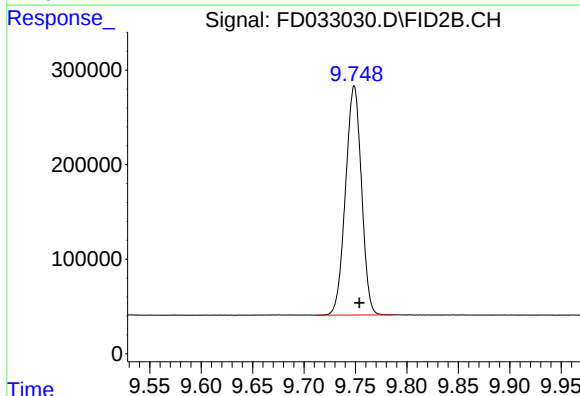
R.T.: 6.992 min
Delta R.T.: -0.004 min
Response: 2825788
Conc: 19.02 ug/ml

Instrument :
FID_D
ClientSampleId :



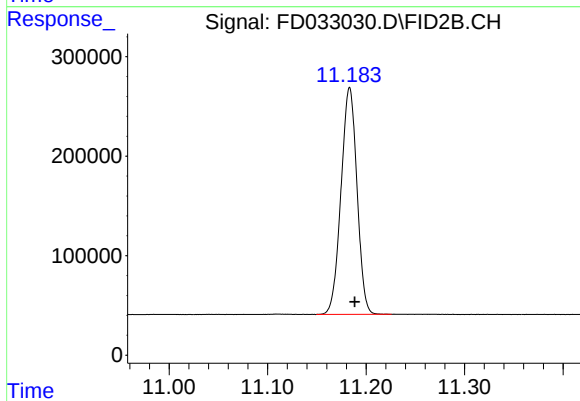
#6 n-Tetradecane (C14)

R.T.: 8.157 min
Delta R.T.: -0.005 min
Response: 2641490
Conc: 19.32 ug/ml



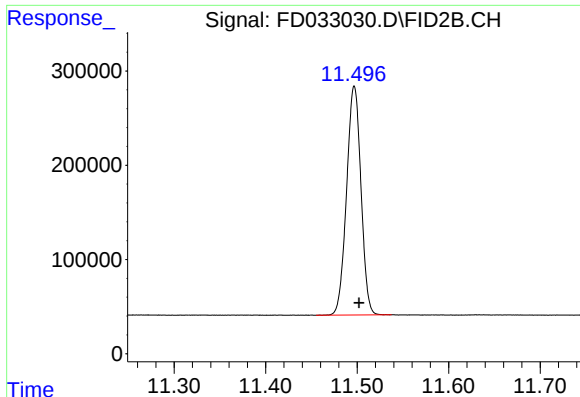
#7 n-Hexadecane (C16)

R.T.: 9.749 min
Delta R.T.: -0.005 min
Response: 2618621
Conc: 19.06 ug/ml



#8 n-Octadecane (C18)

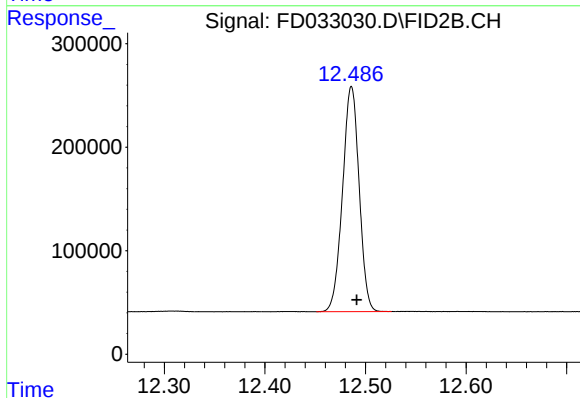
R.T.: 11.183 min
Delta R.T.: -0.005 min
Response: 2572092
Conc: 18.57 ug/ml



#9 ortho-Terphenyl (SURR)

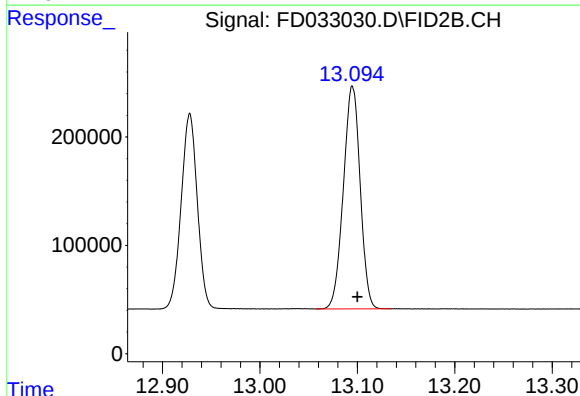
R.T.: 11.497 min
Delta R.T.: -0.005 min
Response: 2649712
Conc: 17.64 ug/ml

Instrument :
FID_D
ClientSampleId :



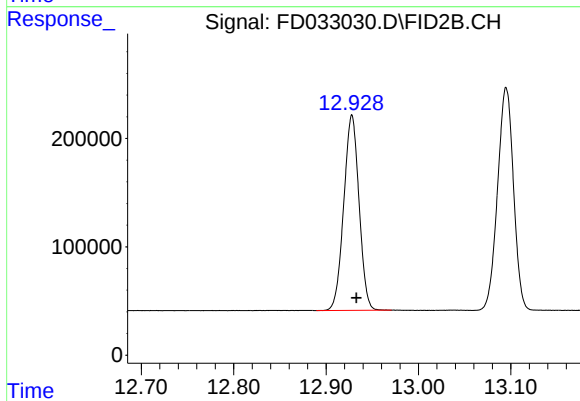
#10 n-Eicosane (C20)

R.T.: 12.486 min
Delta R.T.: -0.005 min
Response: 2493102
Conc: 17.95 ug/ml



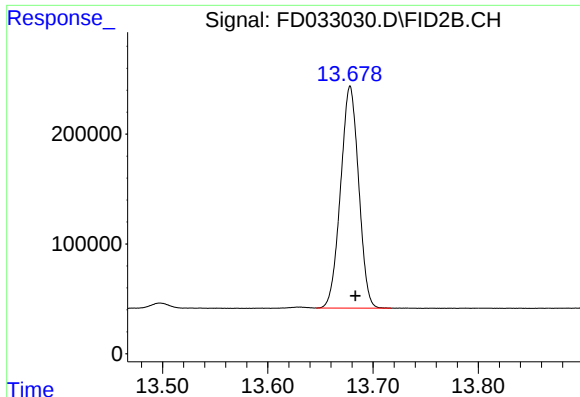
#11 n-Heneicosane (C21)

R.T.: 13.095 min
Delta R.T.: -0.005 min
Response: 2466551
Conc: 17.61 ug/ml



#12 1-chlorooctadecane (SURR)

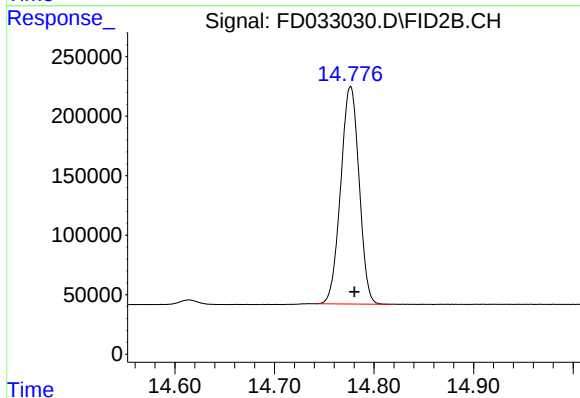
R.T.: 12.928 min
Delta R.T.: -0.005 min
Response: 2073088
Conc: 17.66 ug/ml



#13 n-Docosane (C22)

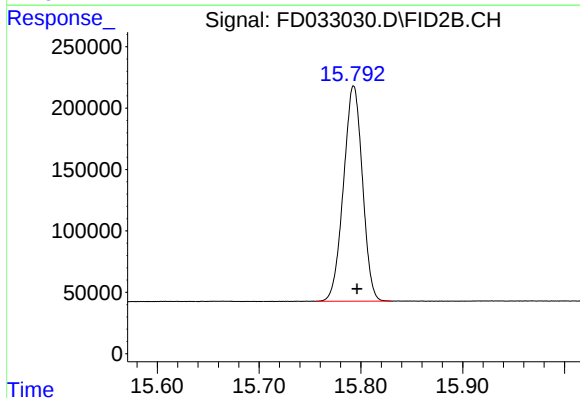
R.T.: 13.678 min
Delta R.T.: -0.005 min
Response: 2412598
Conc: 17.38 ug/ml

Instrument :
FID_D
ClientSampleId :



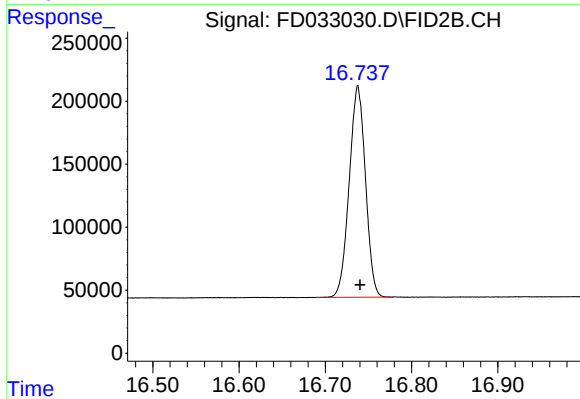
#14 n-Tetracosane (C24)

R.T.: 14.776 min
Delta R.T.: -0.004 min
Response: 2345614
Conc: 17.09 ug/ml



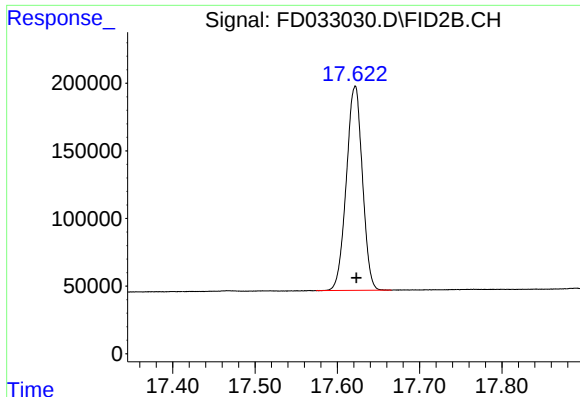
#15 n-Hexacosane (C26)

R.T.: 15.793 min
Delta R.T.: -0.003 min
Response: 2267957
Conc: 17.06 ug/ml



#16 n-Octacosane (C28)

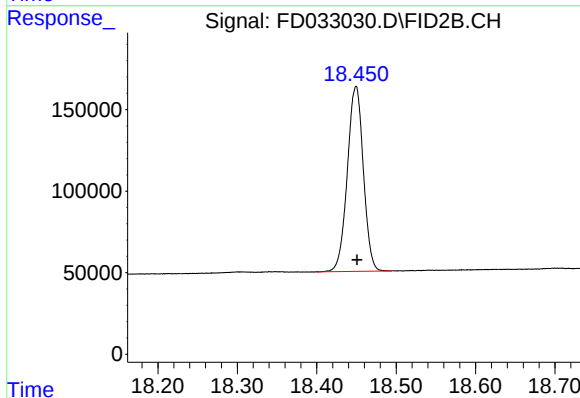
R.T.: 16.738 min
Delta R.T.: -0.002 min
Response: 2195375
Conc: 17.39 ug/ml



#17 n-Tricontane (C30)

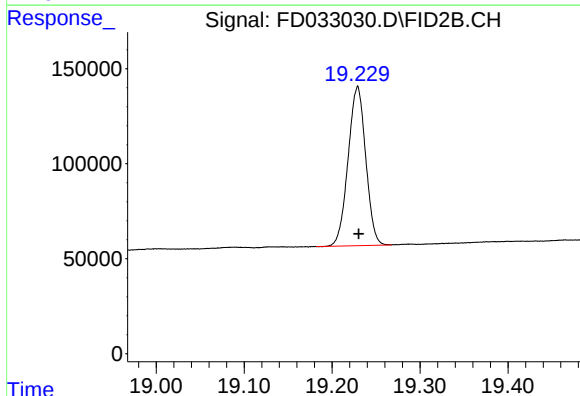
R.T.: 17.622 min
Delta R.T.: -0.001 min
Response: 2048013
Conc: 17.99 ug/ml

Instrument :
FID_D
ClientSampleId :



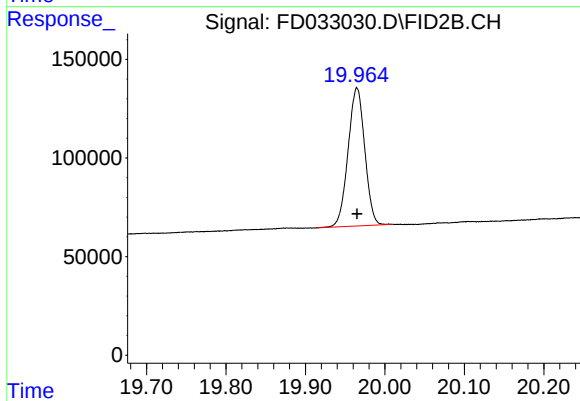
#18 n-Dotriacontane (C32)

R.T.: 18.450 min
Delta R.T.: -0.001 min
Response: 1590835
Conc: 18.94 ug/ml



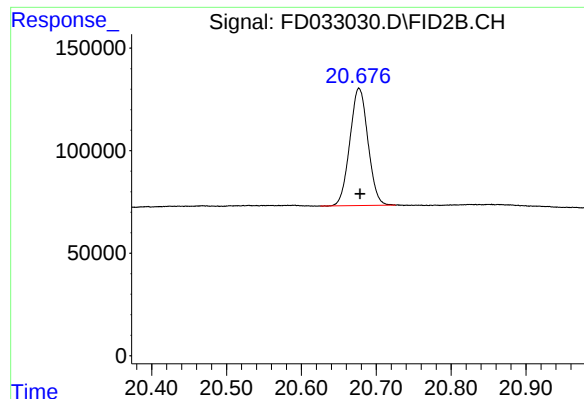
#19 n-Tetratriacontane (C34)

R.T.: 19.229 min
Delta R.T.: -0.001 min
Response: 1166787
Conc: 19.24 ug/ml



#20 n-Hexatriacontane (C36)

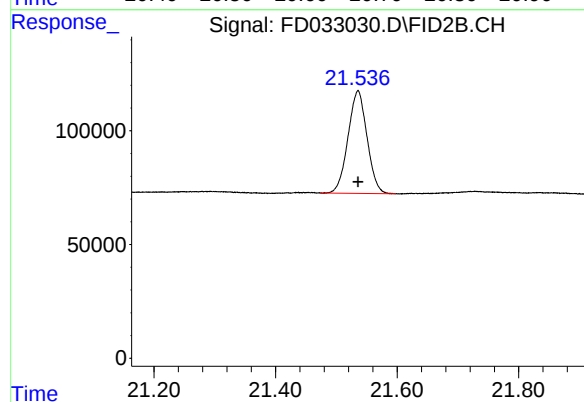
R.T.: 19.965 min
Delta R.T.: 0.000 min
Response: 1020354
Conc: 20.34 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.677 min
Delta R.T.: -0.001 min
Response: 961812
Conc: 19.98 ug/ml

Instrument :
FID_D
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 21.536 min
Delta R.T.: 0.000 min
Response: 979861
Conc: 19.42 ug/ml