

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD060921AL\
 Data File : FD037824.D
 Signal(s) : FID2B.CH
 Acq On : 09 Jun 2021 14:19
 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: Jun 10 02:18:14 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Alaphatic EPH 051321.M
 Quant Title : GC Extractables
 QLast Update : Fri May 14 02:07:09 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)	11.445	2377649	20.275 ug/ml
Spiked Amount 50.000		Recovery =	40.55%
12) S 1-chlorooctadecane (S...	12.880	1821994	20.051 ug/ml
Spiked Amount 50.000		Recovery =	40.10%
Target Compounds			
1) T n-Nonane (C9)	3.249	2150663	21.315 ug/ml
2) T n-Decane (C10)	4.310	2195892	21.643 ug/ml
3) T A~Naphthalene (C11.7)	5.883	2506752	22.015 ug/ml
4) T n-Dodecane (C12)	6.319	2279158	22.046 ug/ml
5) T A~2-methylnaphthalene...	6.935	2546112	21.993 ug/ml
6) T n-Tetradecane (C14)	8.106	2302979	22.096 ug/ml
7) T n-Hexadecane (C16)	9.700	2263778	21.939 ug/ml
8) T n-Octadecane (C18)	11.136	2310685	21.386 ug/ml
10) T n-Eicosane (C20)	12.439	2270938	20.837 ug/ml
11) T n-Heneicosane (C21)	13.048	2216683	20.362 ug/ml
13) T n-Docosane (C22)	13.632	2252938	20.739 ug/ml
14) T n-Tetracosane (C24)	14.729	2310619	21.325 ug/ml
15) T n-Hexacosane (C26)	15.746	2323232	21.811 ug/ml
16) T n-Octacosane (C28)	16.691	2408051	22.728 ug/ml
17) T n-Tricontane (C30)	17.574	2541587	24.141 ug/ml
18) T n-Dotriacontane (C32)	18.403	2519250	24.186 ug/ml
19) T n-Tetratriacontane (C34)	19.183	2326671	22.891 ug/ml
20) T n-Hexatriacontane (C36)	19.919	2156256	22.106 ug/ml
21) T n-Octatriacontane (C38)	20.627	2011964	21.885 ug/ml
22) T n-Tetracontane (C40)	21.464	2007303	20.846 ug/ml

(f)=RT Delta > 1/2 Window

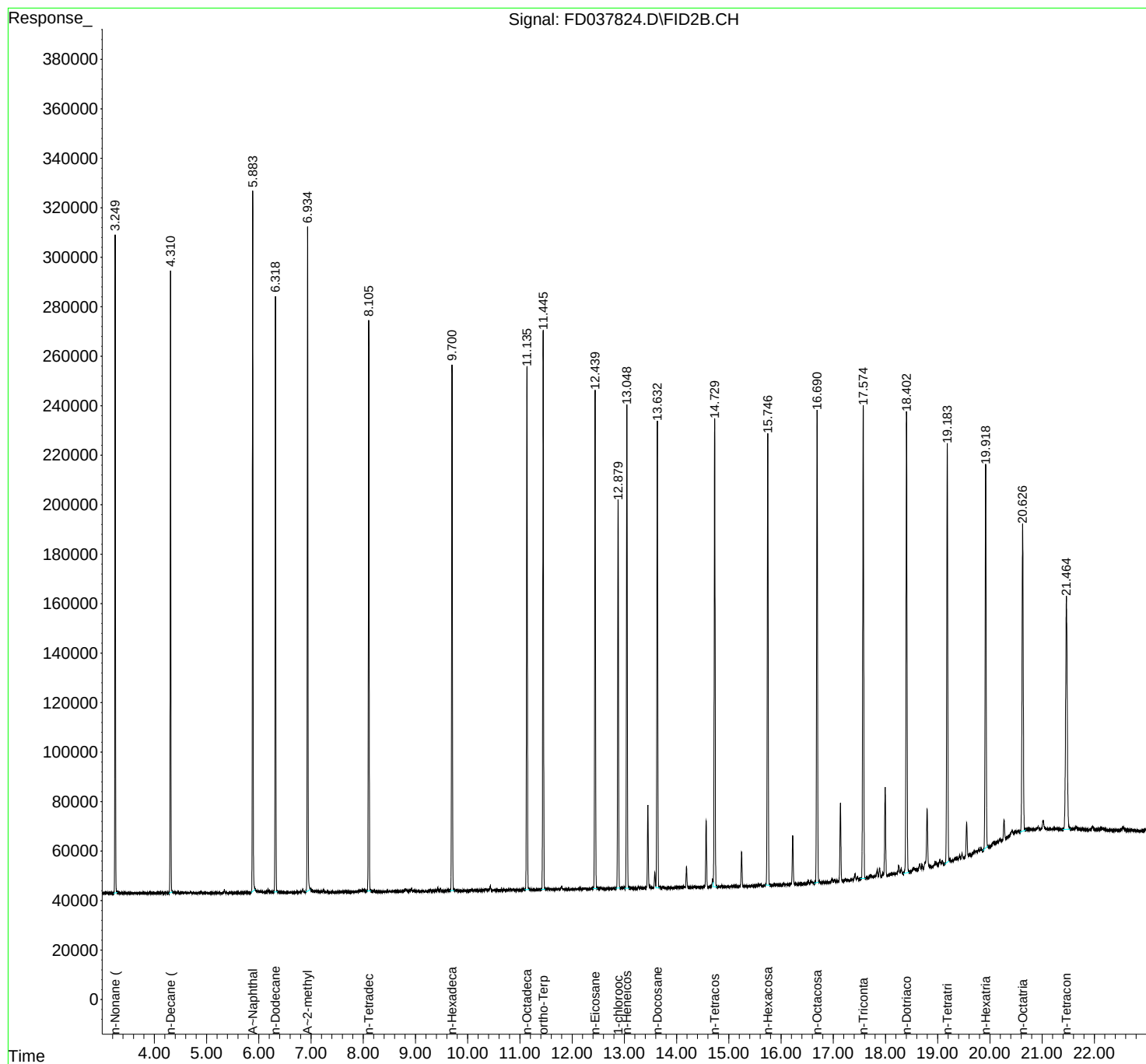
(m)=manual int.

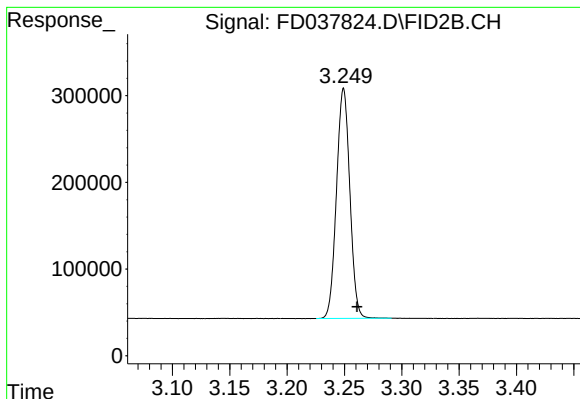
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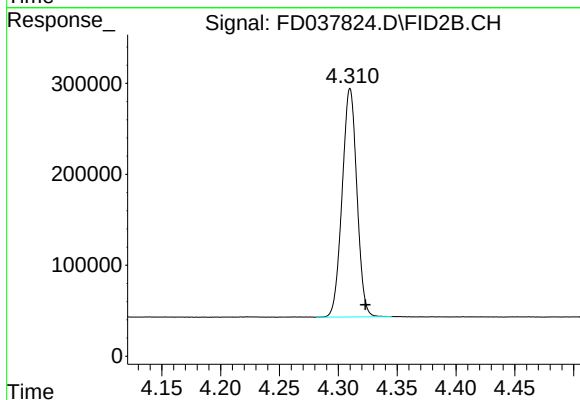




#1 n-Nonane (C9)

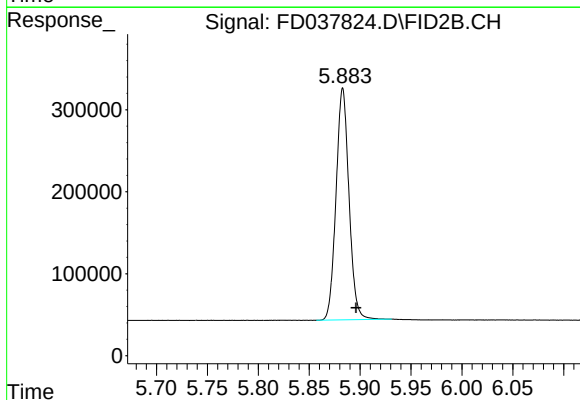
R.T.: 3.249 min
Delta R.T.: -0.012 min
Response: 2150663
Conc: 21.31 ug/ml

Instrument :
FID_D
ClientSampleId :



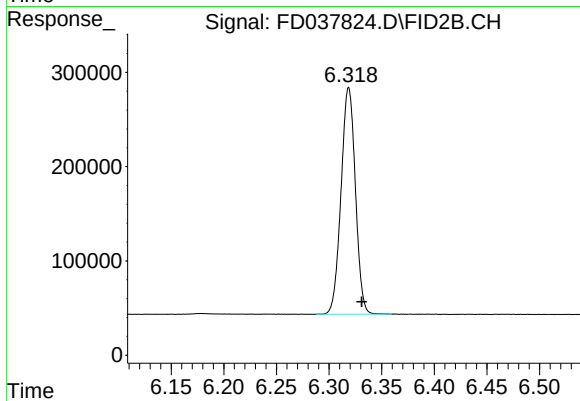
#2 n-Decane (C10)

R.T.: 4.310 min
Delta R.T.: -0.013 min
Response: 2195892
Conc: 21.64 ug/ml



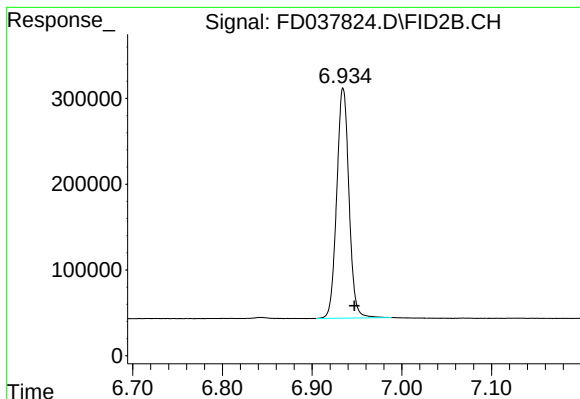
#3 A~Naphthalene (C11.7)

R.T.: 5.883 min
Delta R.T.: -0.013 min
Response: 2506752
Conc: 22.01 ug/ml



#4 n-Dodecane (C12)

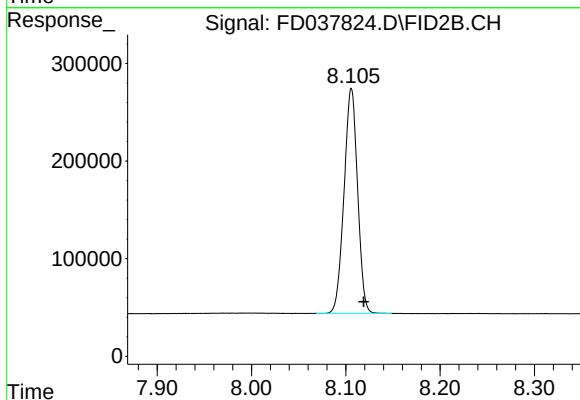
R.T.: 6.319 min
Delta R.T.: -0.012 min
Response: 2279158
Conc: 22.05 ug/ml



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

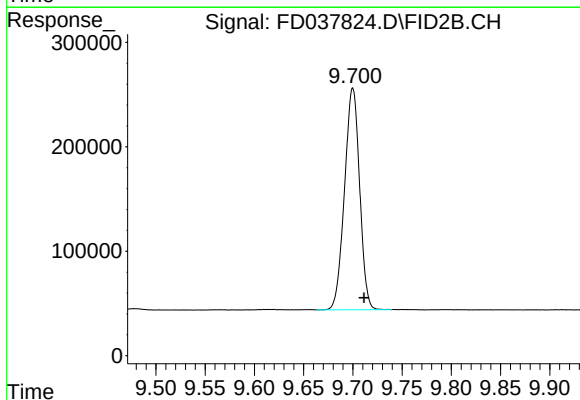
R.T.: 6.935 min
Delta R.T.: -0.013 min
Response: 2546112
Conc: 21.99 ug/ml

Instrument :
FID_D
ClientSampleId :



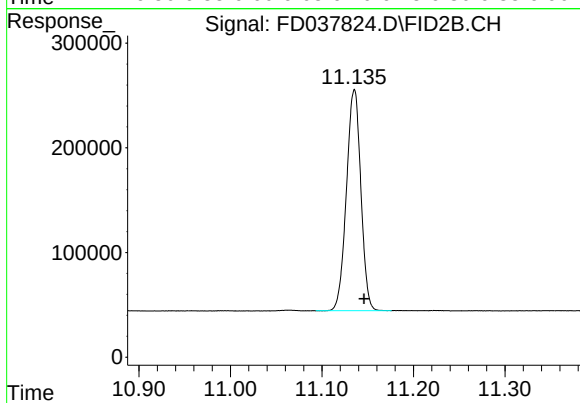
#6 n-Tetradecane (C14)

R.T.: 8.106 min
Delta R.T.: -0.013 min
Response: 2302979
Conc: 22.10 ug/ml



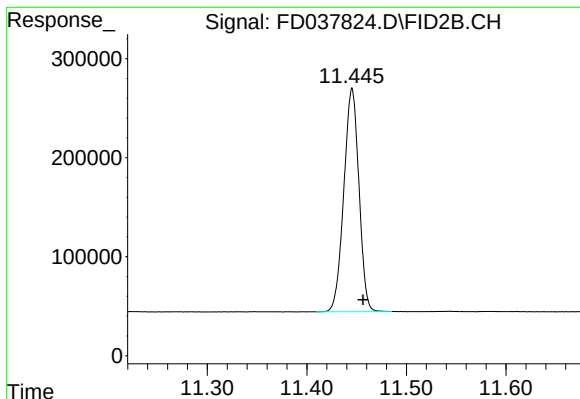
#7 n-Hexadecane (C16)

R.T.: 9.700 min
Delta R.T.: -0.011 min
Response: 2263778
Conc: 21.94 ug/ml



#8 n-Octadecane (C18)

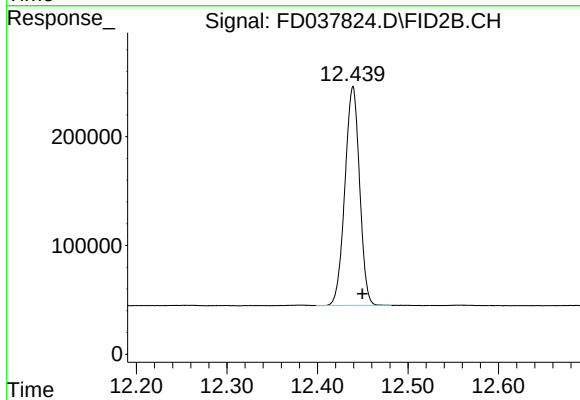
R.T.: 11.136 min
Delta R.T.: -0.010 min
Response: 2310685
Conc: 21.39 ug/ml



#9 ortho-Terphenyl (SURR)

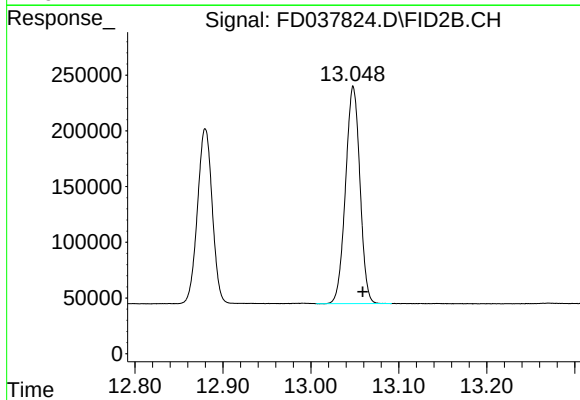
R.T.: 11.445 min
Delta R.T.: -0.011 min
Response: 2377649
Conc: 20.28 ug/ml

Instrument :
FID_D
ClientSampleId :



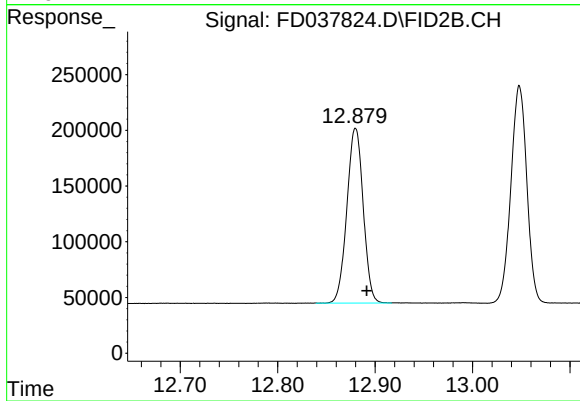
#10 n-Eicosane (C20)

R.T.: 12.439 min
Delta R.T.: -0.010 min
Response: 2270938
Conc: 20.84 ug/ml



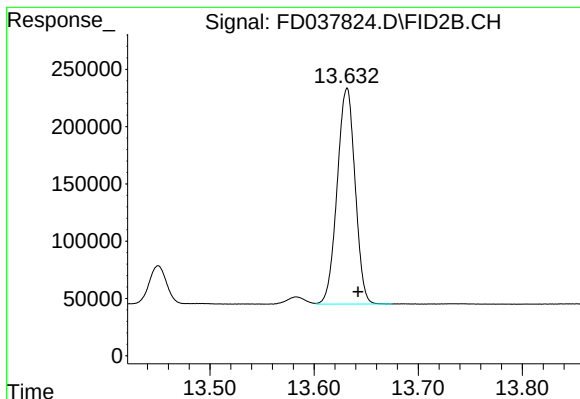
#11 n-Heneicosane (C21)

R.T.: 13.048 min
Delta R.T.: -0.011 min
Response: 2216683
Conc: 20.36 ug/ml



#12 1-chlorooctadecane (SURR)

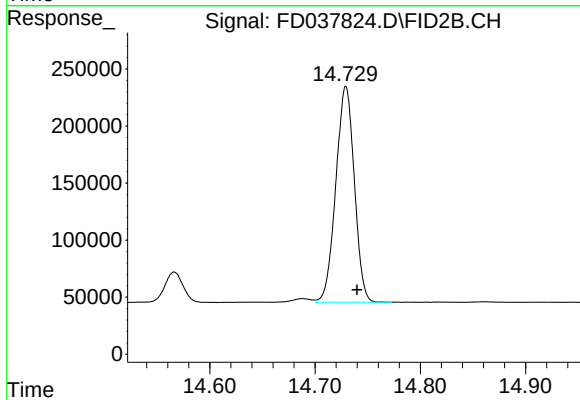
R.T.: 12.880 min
Delta R.T.: -0.011 min
Response: 1821994
Conc: 20.05 ug/ml



#13 n-Docosane (C22)

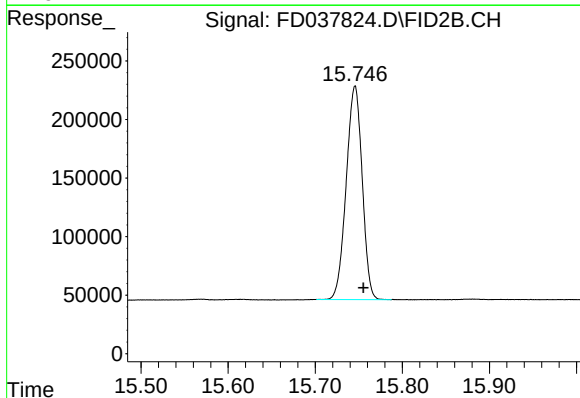
R.T.: 13.632 min
Delta R.T.: -0.011 min
Response: 2252938
Conc: 20.74 ug/ml

Instrument :
FID_D
ClientSampleId :



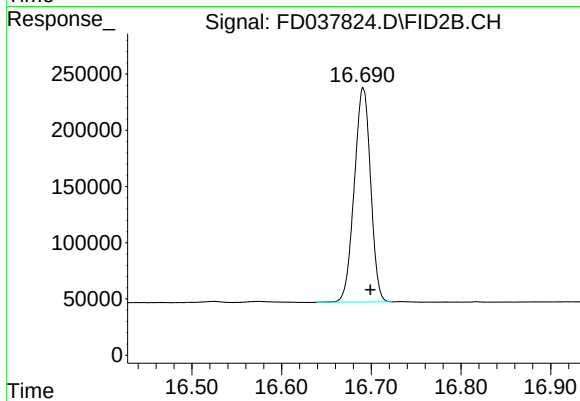
#14 n-Tetracosane (C24)

R.T.: 14.729 min
Delta R.T.: -0.010 min
Response: 2310619
Conc: 21.32 ug/ml



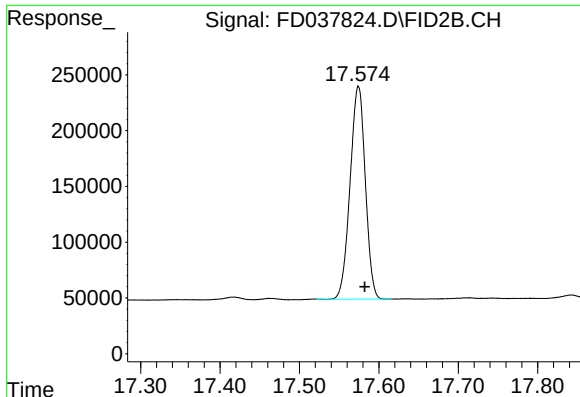
#15 n-Hexacosane (C26)

R.T.: 15.746 min
Delta R.T.: -0.009 min
Response: 2323232
Conc: 21.81 ug/ml



#16 n-Octacosane (C28)

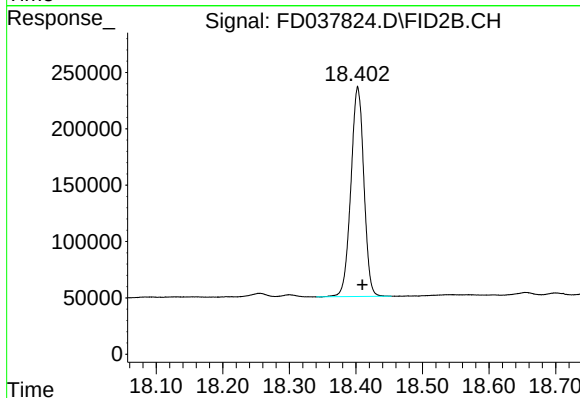
R.T.: 16.691 min
Delta R.T.: -0.008 min
Response: 2408051
Conc: 22.73 ug/ml



#17 n-Tricontane (C30)

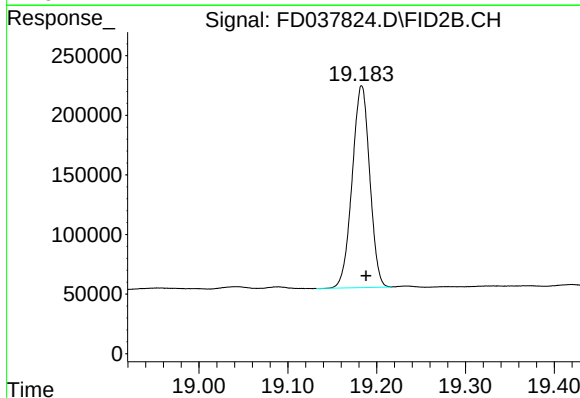
R.T.: 17.574 min
Delta R.T.: -0.008 min
Response: 2541587
Conc: 24.14 ug/ml

Instrument :
FID_D
ClientSampleId :



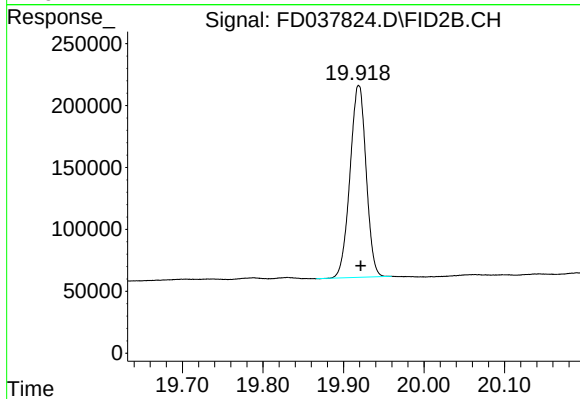
#18 n-Dotriacontane (C32)

R.T.: 18.403 min
Delta R.T.: -0.007 min
Response: 2519250
Conc: 24.19 ug/ml



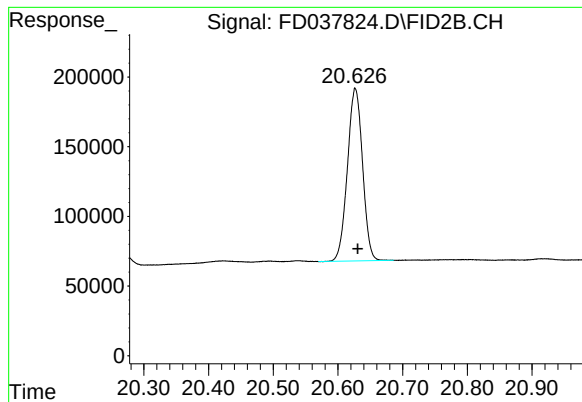
#19 n-Tetratriacontane (C34)

R.T.: 19.183 min
Delta R.T.: -0.005 min
Response: 2326671
Conc: 22.89 ug/ml



#20 n-Hexatriacontane (C36)

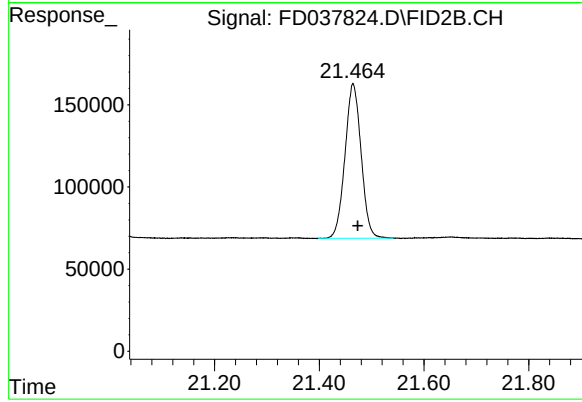
R.T.: 19.919 min
Delta R.T.: -0.002 min
Response: 2156256
Conc: 22.11 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.627 min
Delta R.T.: -0.004 min
Response: 2011964
Conc: 21.88 ug/ml

Instrument :
FID_D
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 21.464 min
Delta R.T.: -0.009 min
Response: 2007303
Conc: 20.85 ug/ml