

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD050421AL\
 Data File : FD037321.D
 Signal(s) : FID2B.CH
 Acq On : 04 May 2021 14:25
 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: May 05 02:09:48 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Alaphatic EPH 042121.M
 Quant Title : GC Extractables
 QLast Update : Thu Apr 22 03:31:40 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)	11.477	2233527	19.128 ug/ml
Spiked Amount 50.000		Recovery =	38.26%
12) S 1-chlorooctadecane (S...	12.911	1675620	19.806 ug/ml
Spiked Amount 50.000		Recovery =	39.61%
Target Compounds			
1) T n-Nonane (C9)	3.269	2346469	19.915 ug/ml
2) T n-Decane (C10)	4.330	2364607	19.939 ug/ml
3) T A~Naphthalene (C11.7)	5.906	2581286	19.670 ug/ml
4) T n-Dodecane (C12)	6.342	2375037	20.000 ug/ml
5) T A~2-methylnaphthalene...	6.961	2573445	19.626 ug/ml
6) T n-Tetradecane (C14)	8.132	2310519	19.960 ug/ml
7) T n-Hexadecane (C16)	9.728	2178899	19.819 ug/ml
8) T n-Octadecane (C18)	11.165	2146103	19.573 ug/ml
10) T n-Eicosane (C20)	12.470	2057123	19.393 ug/ml
11) T n-Heneicosane (C21)	13.079	2024542	19.271 ug/ml
13) T n-Docosane (C22)	13.661	1985745	19.317 ug/ml
14) T n-Tetracosane (C24)	14.760	1956063	19.311 ug/ml
15) T n-Hexacosane (C26)	15.777	1936396	19.826 ug/ml
16) T n-Octacosane (C28)	16.723	1960924	20.400 ug/ml
17) T n-Tricontane (C30)	17.605	2014162	20.944 ug/ml
18) T n-Dotriacontane (C32)	18.433	2020637	20.545 ug/ml
19) T n-Tetratriacontane (C34)	19.213	1989374	20.959 ug/ml
20) T n-Hexatriacontane (C36)	19.948	1916609	20.352 ug/ml
21) T n-Octatriacontane (C38)	20.659	1832207	21.281 ug/ml
22) T n-Tetracontane (C40)	21.507	1859070	19.376 ug/ml

(f)=RT Delta > 1/2 Window

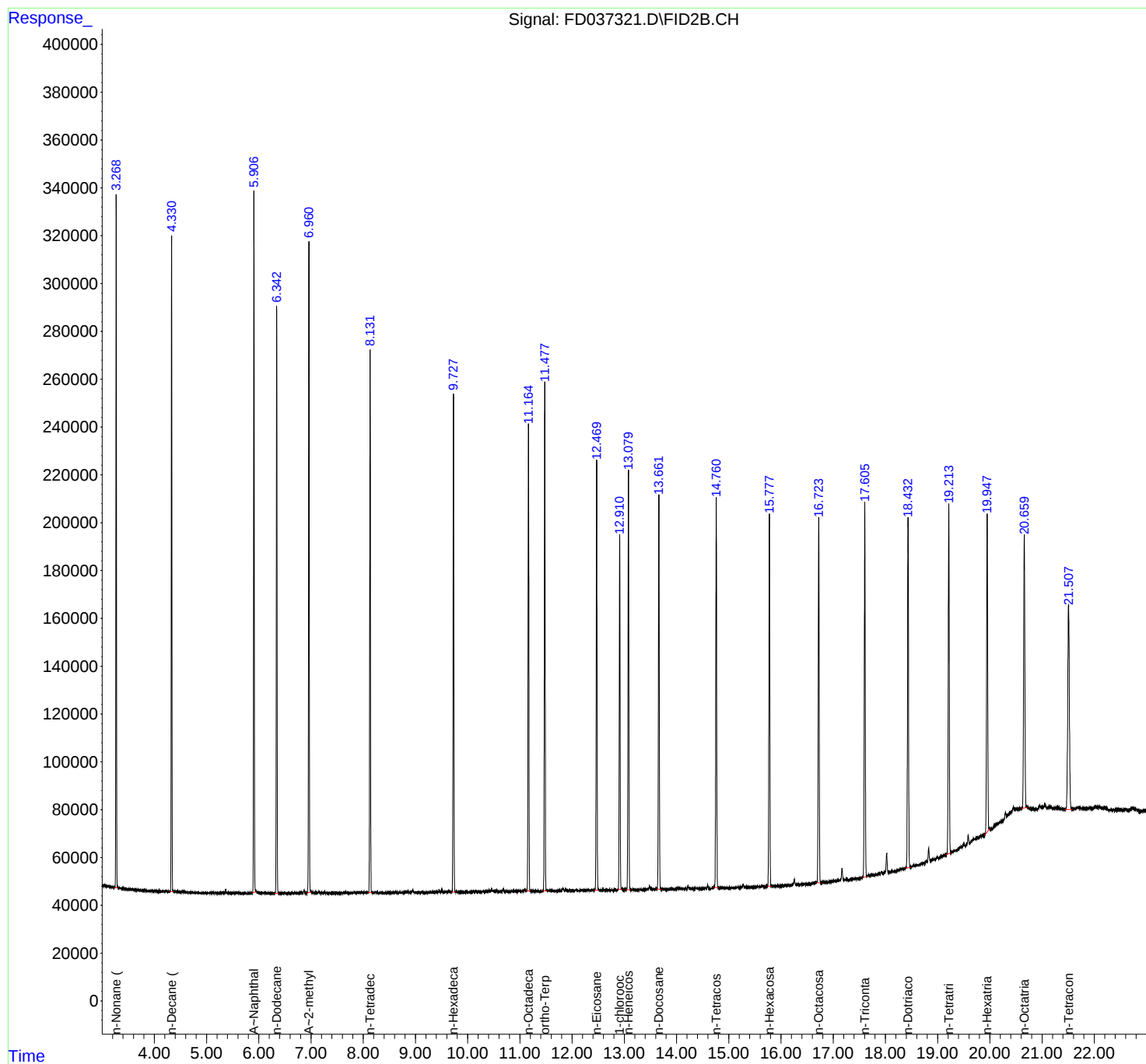
(m)=manual int.

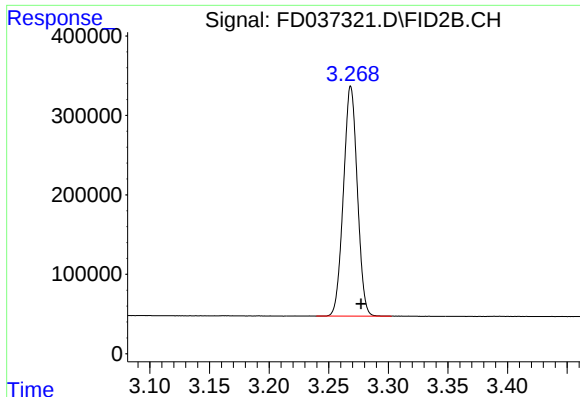
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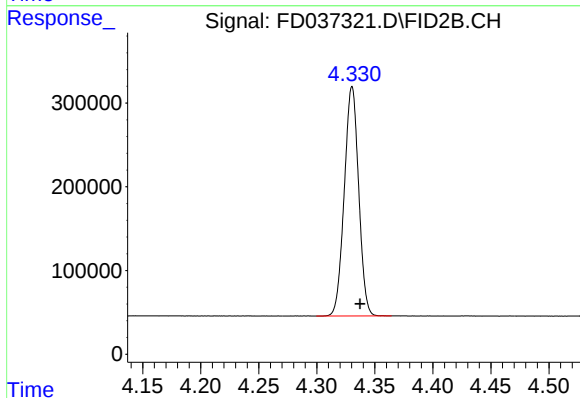




#1 n-Nonane (C9)

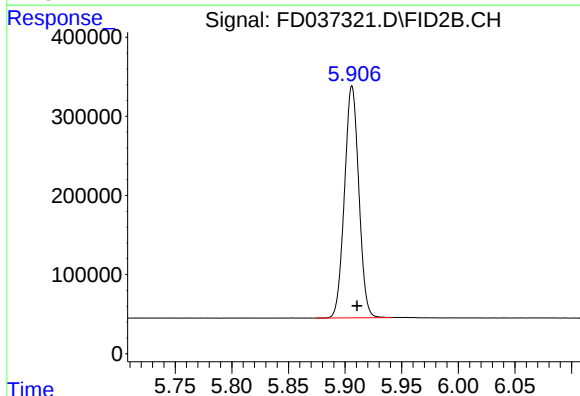
R.T.: 3.269 min
Delta R.T.: -0.008 min
Response: 2346469
Conc: 19.91 ug/ml

Instrument :
FID_D
ClientSampleId :



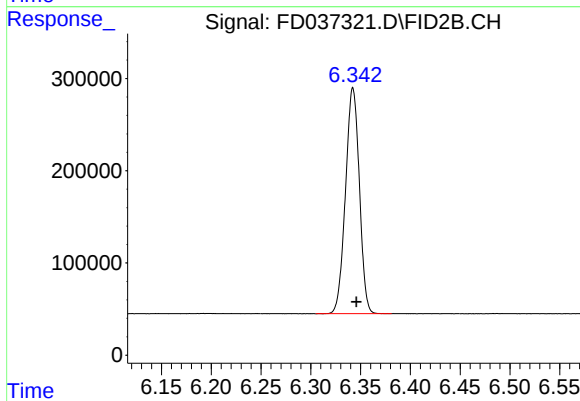
#2 n-Decane (C10)

R.T.: 4.330 min
Delta R.T.: -0.007 min
Response: 2364607
Conc: 19.94 ug/ml



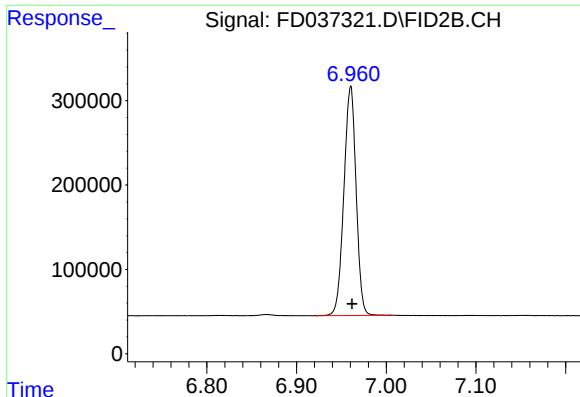
#3 A~Naphthalene (C11.7)

R.T.: 5.906 min
Delta R.T.: -0.005 min
Response: 2581286
Conc: 19.67 ug/ml



#4 n-Dodecane (C12)

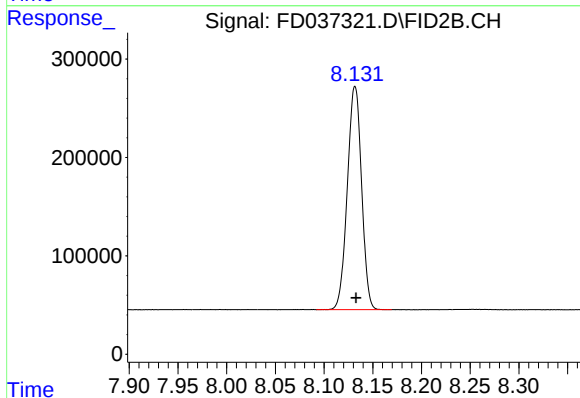
R.T.: 6.342 min
Delta R.T.: -0.004 min
Response: 2375037
Conc: 20.00 ug/ml



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

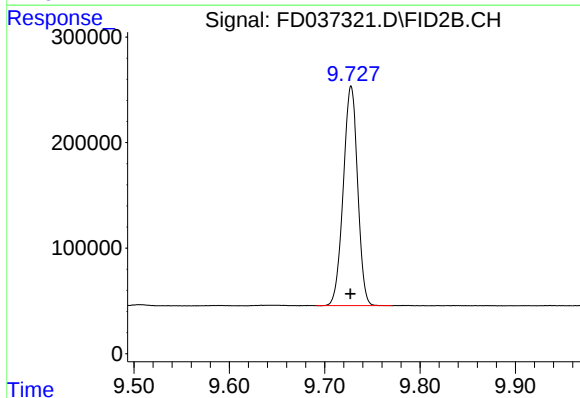
R.T.: 6.961 min
Delta R.T.: -0.001 min
Response: 2573445
Conc: 19.63 ug/ml

Instrument :
FID_D
ClientSampleId :



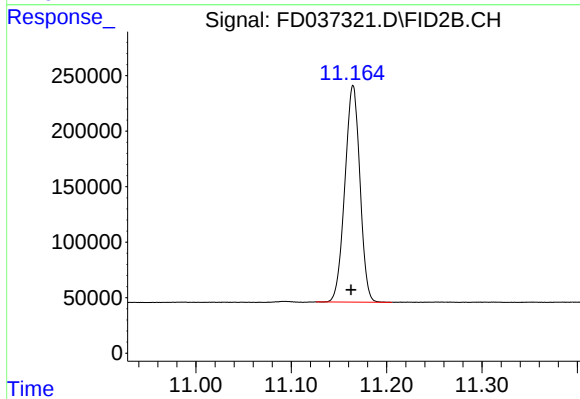
#6 n-Tetradecane (C14)

R.T.: 8.132 min
Delta R.T.: -0.001 min
Response: 2310519
Conc: 19.96 ug/ml



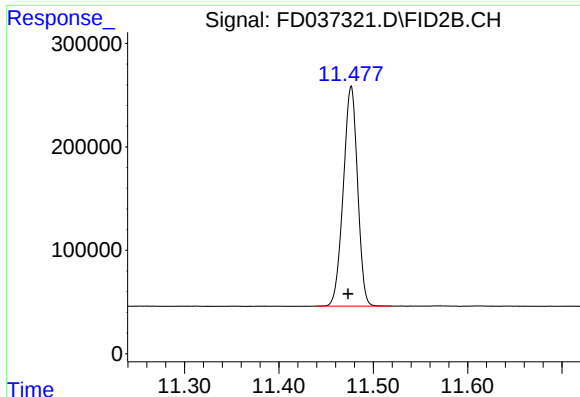
#7 n-Hexadecane (C16)

R.T.: 9.728 min
Delta R.T.: 0.000 min
Response: 2178899
Conc: 19.82 ug/ml



#8 n-Octadecane (C18)

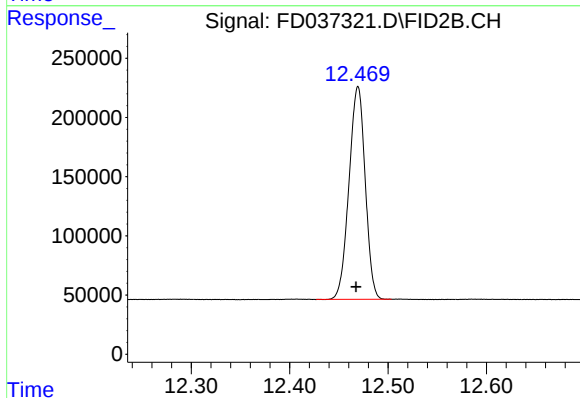
R.T.: 11.165 min
Delta R.T.: 0.002 min
Response: 2146103
Conc: 19.57 ug/ml



#9 ortho-Terphenyl (SURR)

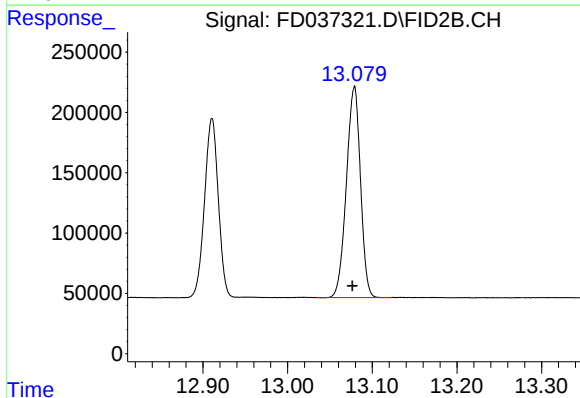
R.T.: 11.477 min
Delta R.T.: 0.003 min
Response: 2233527
Conc: 19.13 ug/ml

Instrument :
FID_D
ClientSampleId :



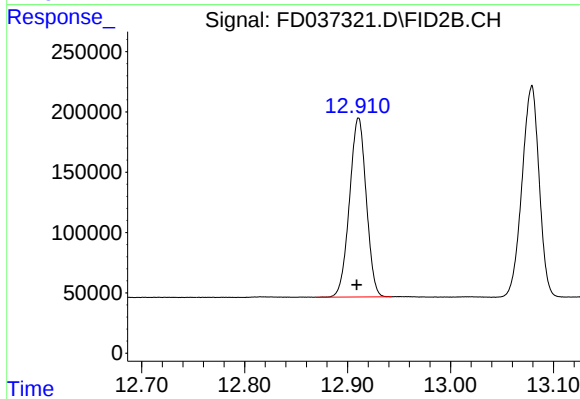
#10 n-Eicosane (C20)

R.T.: 12.470 min
Delta R.T.: 0.002 min
Response: 2057123
Conc: 19.39 ug/ml



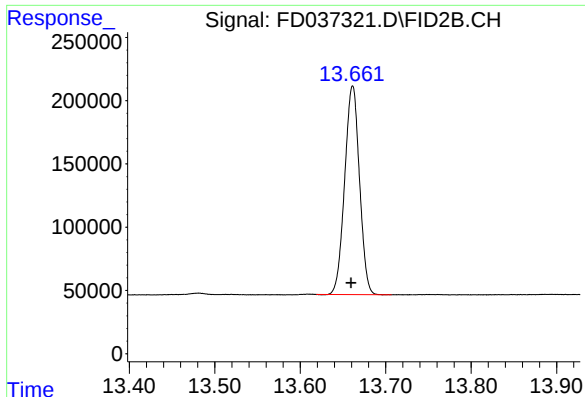
#11 n-Heneicosane (C21)

R.T.: 13.079 min
Delta R.T.: 0.003 min
Response: 2024542
Conc: 19.27 ug/ml



#12 1-chlorooctadecane (SURR)

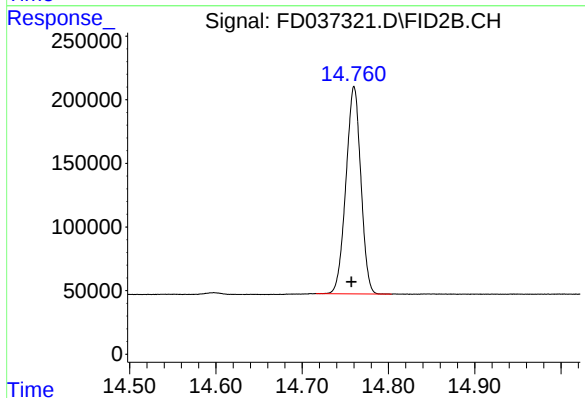
R.T.: 12.911 min
Delta R.T.: 0.002 min
Response: 1675620
Conc: 19.81 ug/ml



#13 n-Docosane (C22)

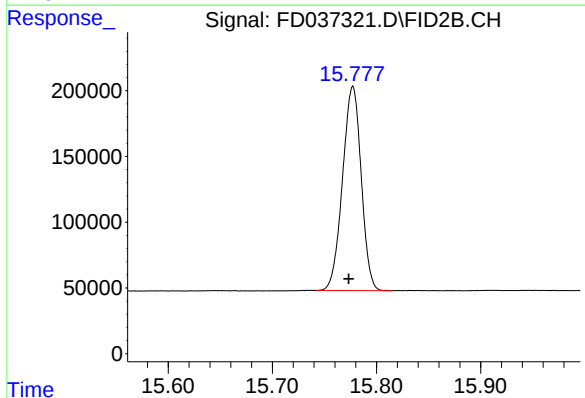
R.T.: 13.661 min
Delta R.T.: 0.002 min
Response: 1985745
Conc: 19.32 ug/ml

Instrument :
FID_D
ClientSampleId :



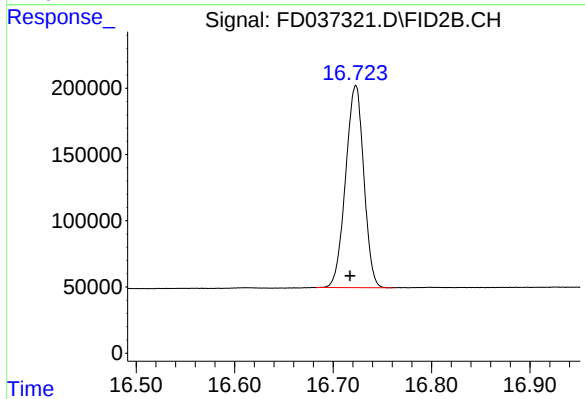
#14 n-Tetracosane (C24)

R.T.: 14.760 min
Delta R.T.: 0.003 min
Response: 1956063
Conc: 19.31 ug/ml



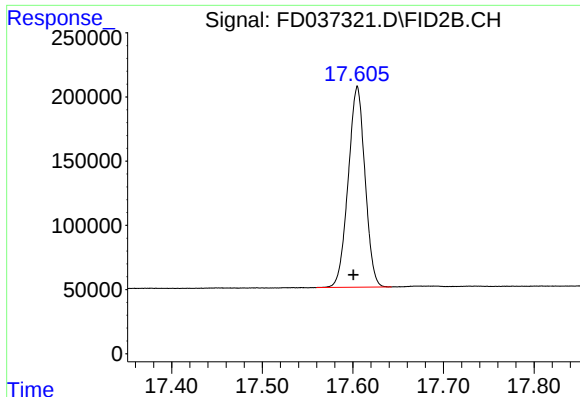
#15 n-Hexacosane (C26)

R.T.: 15.777 min
Delta R.T.: 0.004 min
Response: 1936396
Conc: 19.83 ug/ml



#16 n-Octacosane (C28)

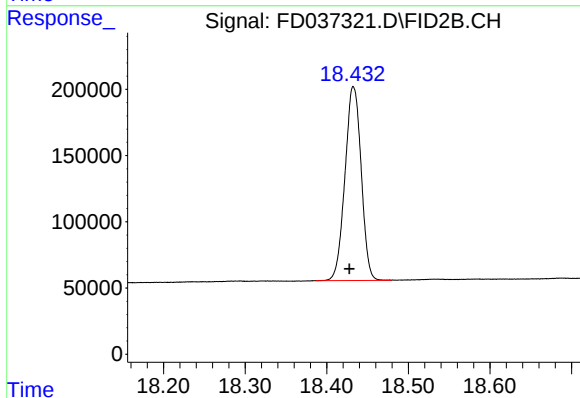
R.T.: 16.723 min
Delta R.T.: 0.006 min
Response: 1960924
Conc: 20.40 ug/ml



#17 n-Tricontane (C30)

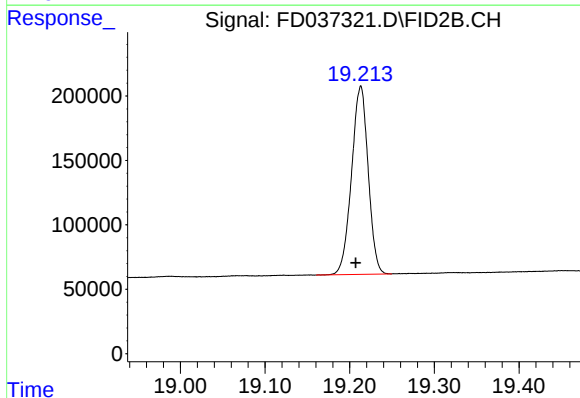
R.T.: 17.605 min
Delta R.T.: 0.005 min
Response: 2014162
Conc: 20.94 ug/ml

Instrument :
FID_D
ClientSampleId :



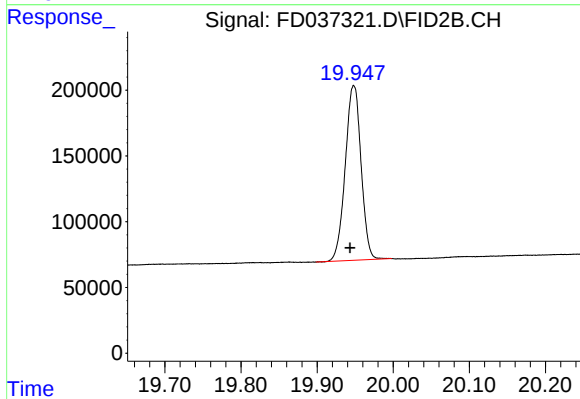
#18 n-Dotriacontane (C32)

R.T.: 18.433 min
Delta R.T.: 0.005 min
Response: 2020637
Conc: 20.54 ug/ml



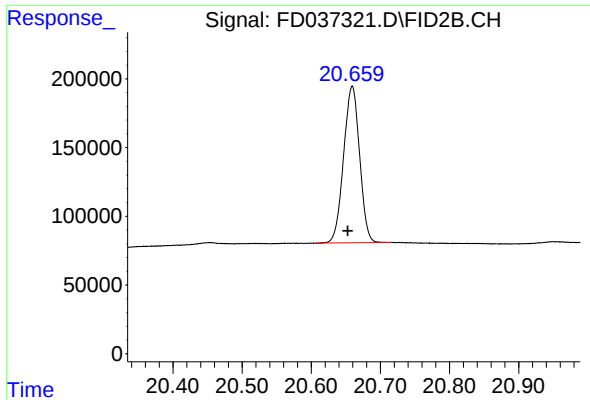
#19 n-Tetratriacontane (C34)

R.T.: 19.213 min
Delta R.T.: 0.006 min
Response: 1989374
Conc: 20.96 ug/ml



#20 n-Hexatriacontane (C36)

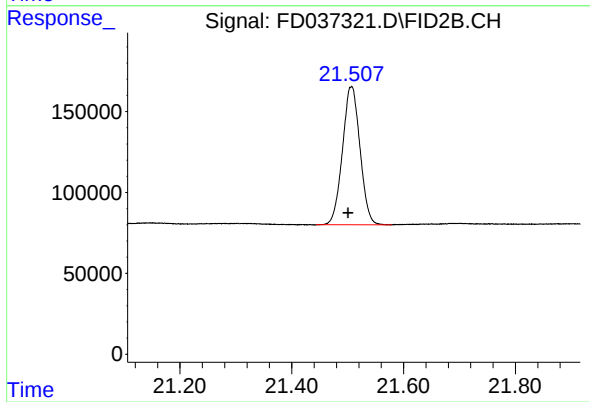
R.T.: 19.948 min
Delta R.T.: 0.005 min
Response: 1916609
Conc: 20.35 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.659 min
Delta R.T.: 0.007 min
Response: 1832207
Conc: 21.28 ug/ml

Instrument :
FID_D
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 21.507 min
Delta R.T.: 0.006 min
Response: 1859070
Conc: 19.38 ug/ml