

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD052122AL\
 Data File : FD042578.D
 Signal(s) : FID2B.CH
 Acq On : 20 May 2022 16:31
 Operator : UA/NP
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 53 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: May 20 23:34:14 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 051922.M
 Quant Title : GC Extractables
 QLast Update : Thu May 19 05:18:51 2022
 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)	11.199	2941239	17.552 ug/ml
Spiked Amount 50.000		Recovery =	35.10%
12) S 1-chlorooctadecane (S...	12.637	2275279	17.646 ug/ml
Spiked Amount 50.000		Recovery =	35.29%
Target Compounds			
1) T n-Nonane (C9)	3.076	2580450	16.992 ug/ml
2) T n-Decane (C10)	4.119	2581848	17.161 ug/ml
3) T A~Naphthalene (C11.7)	5.670	2625879	17.047 ug/ml
4) T n-Dodecane (C12)	6.112	2696037	17.158 ug/ml
5) T A~2-methylnaphthalene...	6.716	2661795	17.298 ug/ml
6) T n-Tetradecane (C14)	7.886	2730132	17.326 ug/ml
7) T n-Hexadecane (C16)	9.472	2755988	17.449 ug/ml
8) T n-Octadecane (C18)	10.901	2786514	17.667 ug/ml
10) T n-Eicosane (C20)	12.200	2747559	17.837 ug/ml
11) T n-Heneicosane (C21)	12.807	2695234	17.627 ug/ml
13) T n-Docosane (C22)	13.388	2801085	18.706 ug/ml
14) T n-Tetracosane (C24)	14.483	2882714	19.985 ug/ml
15) T n-Hexacosane (C26)	15.497	2915583	20.819 ug/ml
16) T n-Octacosane (C28)	16.440	3030939	22.234 ug/ml
17) T n-Tricontane (C30)	17.323	3059163	22.978 ug/ml
18) T n-Dotriacontane (C32)	18.149	2862117	22.493 ug/ml
19) T n-Tetratriacontane (C34)	18.928	2559899	21.210 ug/ml
20) T n-Hexatriacontane (C36)	19.665	2268230	20.028 ug/ml
21) T n-Octatriacontane (C38)	20.361	2077121	19.235 ug/ml
22) T n-Tetracontane (C40)	21.131	1887565	17.694 ug/ml

(f)=RT Delta > 1/2 Window

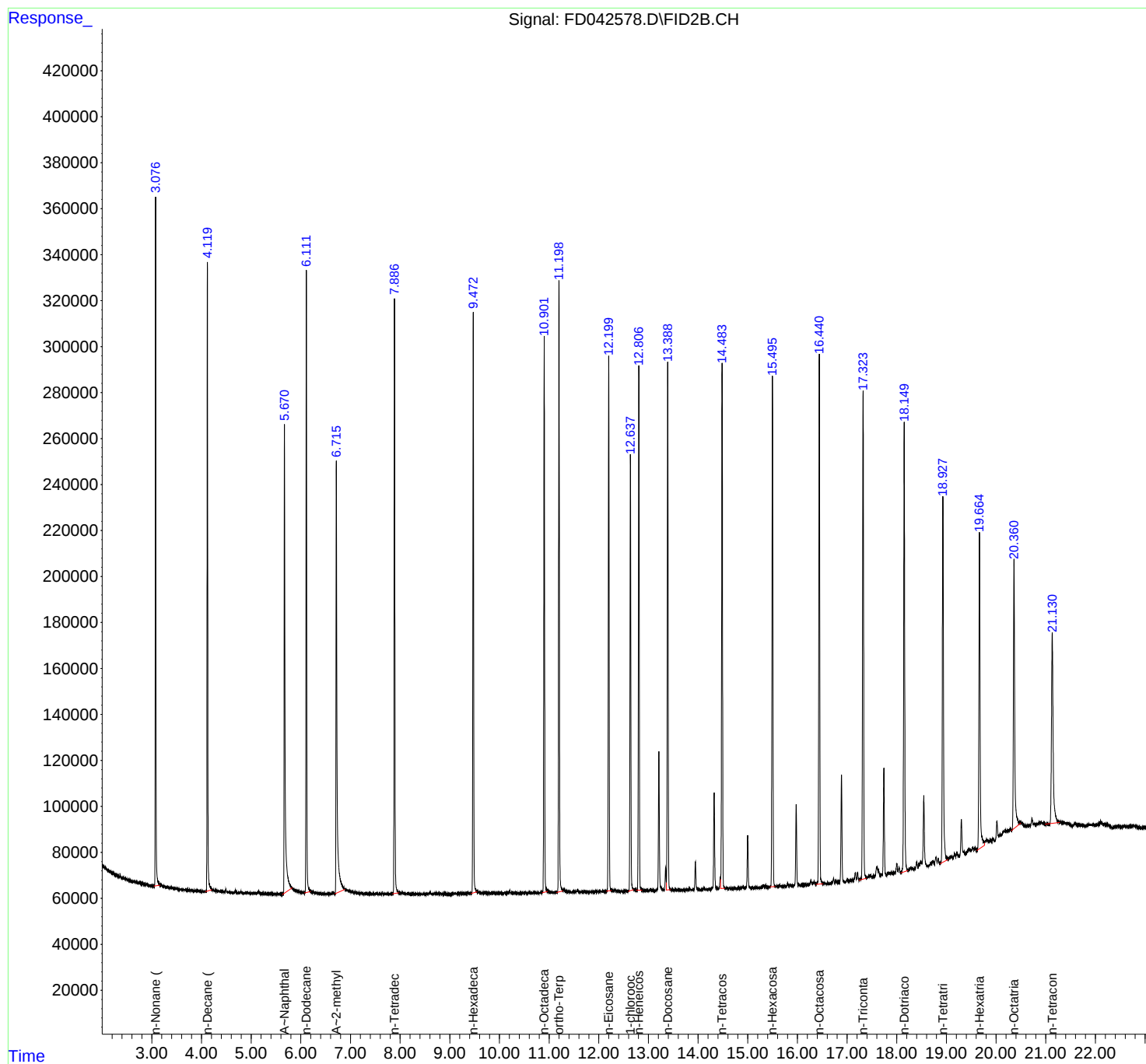
(m)=manual int.

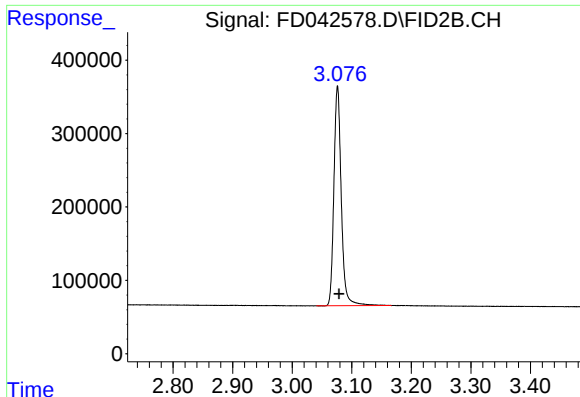
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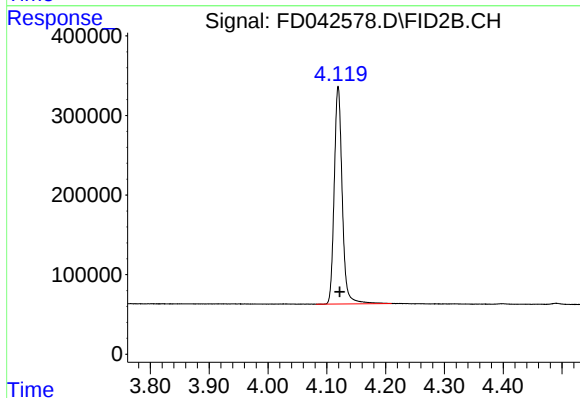




#1 n-Nonane (C9)

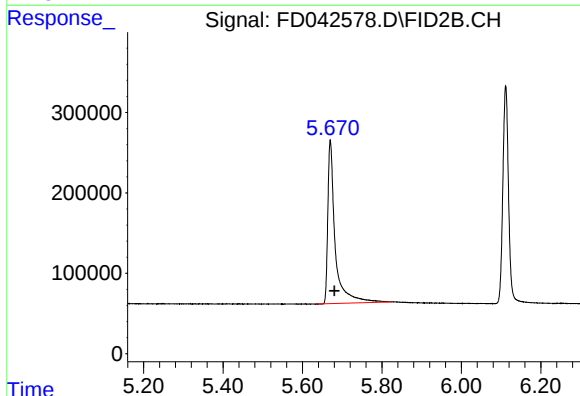
R.T.: 3.076 min
Delta R.T.: -0.003 min
Response: 2580450
Conc: 16.99 ug/ml

Instrument :
FID_D
ClientSampleId :



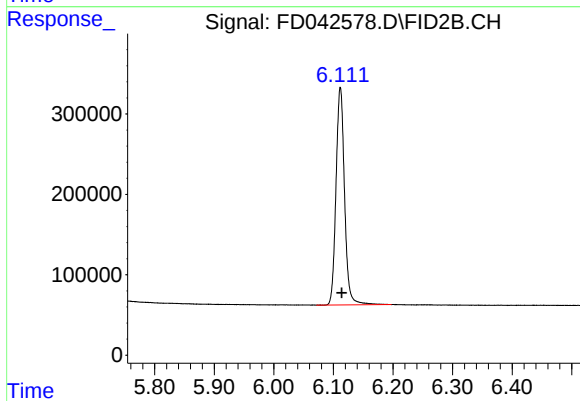
#2 n-Decane (C10)

R.T.: 4.119 min
Delta R.T.: -0.002 min
Response: 2581848
Conc: 17.16 ug/ml



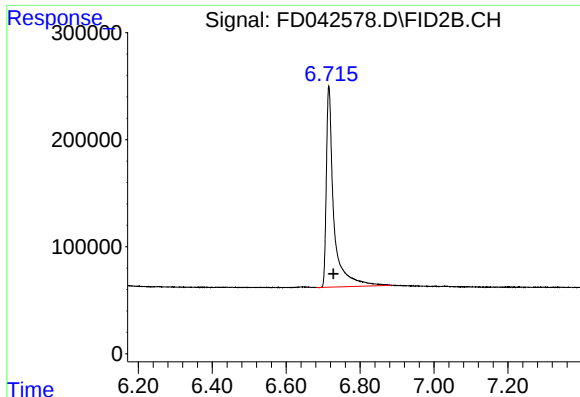
#3 A~Naphthalene (C11.7)

R.T.: 5.670 min
Delta R.T.: -0.010 min
Response: 2625879
Conc: 17.05 ug/ml



#4 n-Dodecane (C12)

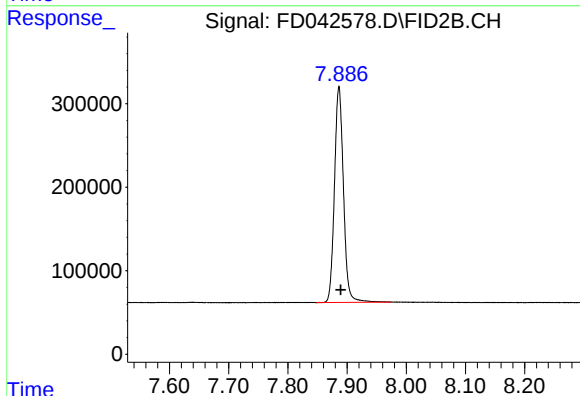
R.T.: 6.112 min
Delta R.T.: -0.003 min
Response: 2696037
Conc: 17.16 ug/ml



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

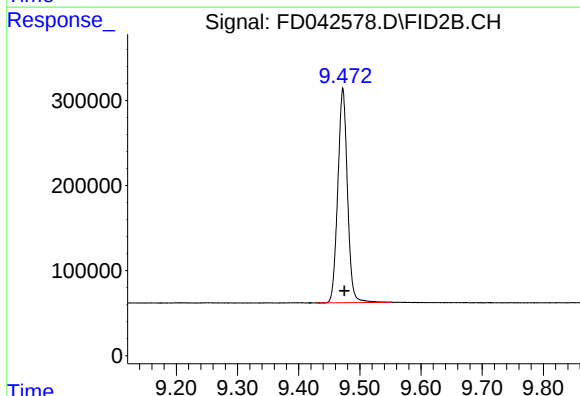
R.T.: 6.716 min
Delta R.T.: -0.012 min
Response: 2661795
Conc: 17.30 ug/ml

Instrument :
FID_D
ClientSampleId :



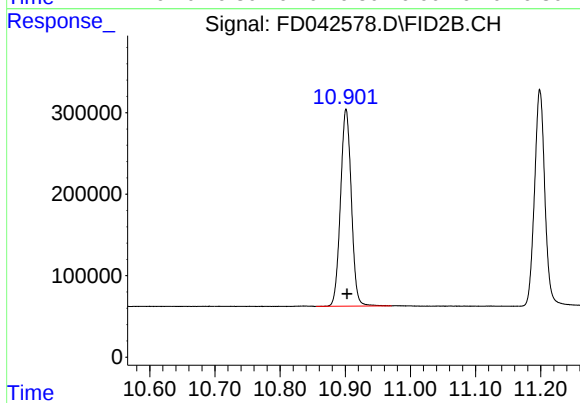
#6 n-Tetradecane (C14)

R.T.: 7.886 min
Delta R.T.: -0.003 min
Response: 2730132
Conc: 17.33 ug/ml



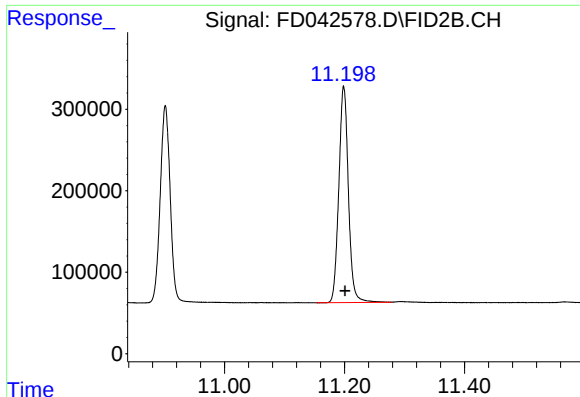
#7 n-Hexadecane (C16)

R.T.: 9.472 min
Delta R.T.: -0.002 min
Response: 2755988
Conc: 17.45 ug/ml



#8 n-Octadecane (C18)

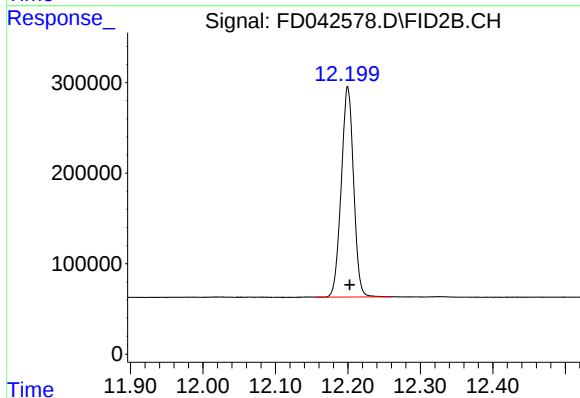
R.T.: 10.901 min
Delta R.T.: -0.002 min
Response: 2786514
Conc: 17.67 ug/ml



#9 ortho-Terphenyl (SURR)

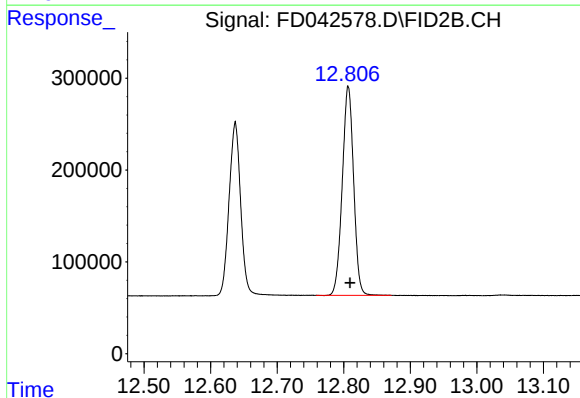
R.T.: 11.199 min
Delta R.T.: -0.002 min
Response: 2941239
Conc: 17.55 ug/ml

Instrument :
FID_D
ClientSampleId :



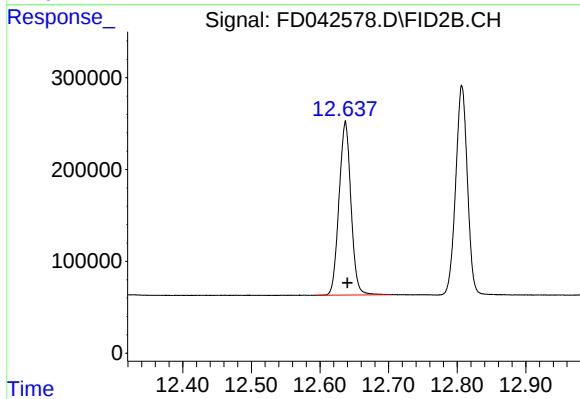
#10 n-Eicosane (C20)

R.T.: 12.200 min
Delta R.T.: -0.003 min
Response: 2747559
Conc: 17.84 ug/ml



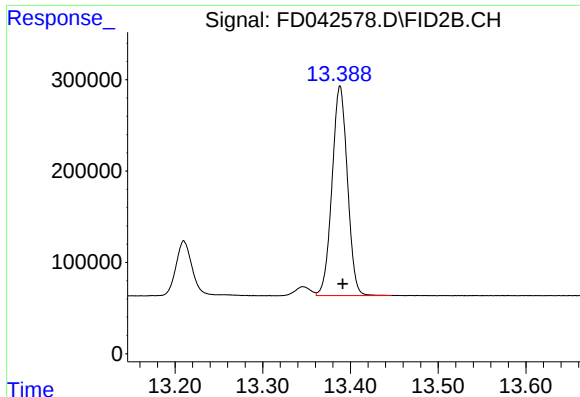
#11 n-Heneicosane (C21)

R.T.: 12.807 min
Delta R.T.: -0.003 min
Response: 2695234
Conc: 17.63 ug/ml



#12 1-chlorooctadecane (SURR)

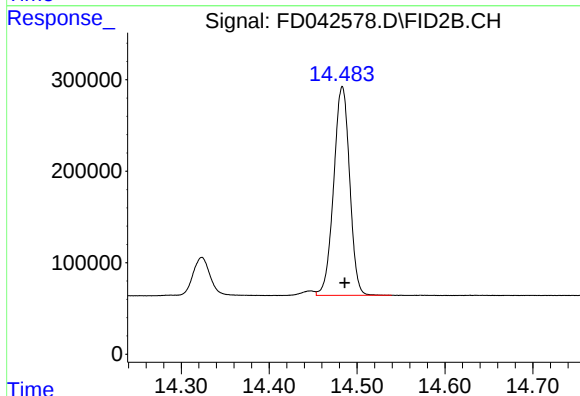
R.T.: 12.637 min
Delta R.T.: -0.003 min
Response: 2275279
Conc: 17.65 ug/ml



#13 n-Docosane (C22)

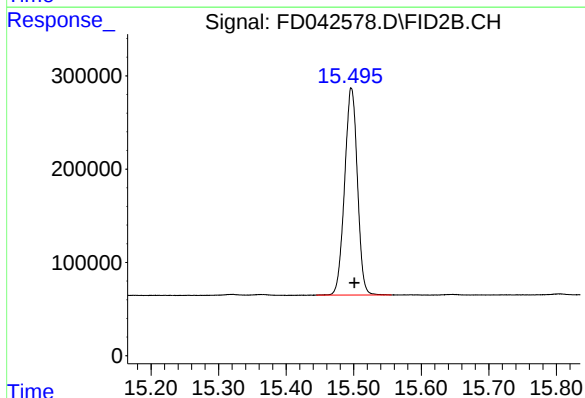
R.T.: 13.388 min
Delta R.T.: -0.003 min
Response: 2801085
Conc: 18.71 ug/ml

Instrument :
FID_D
ClientSampleId :



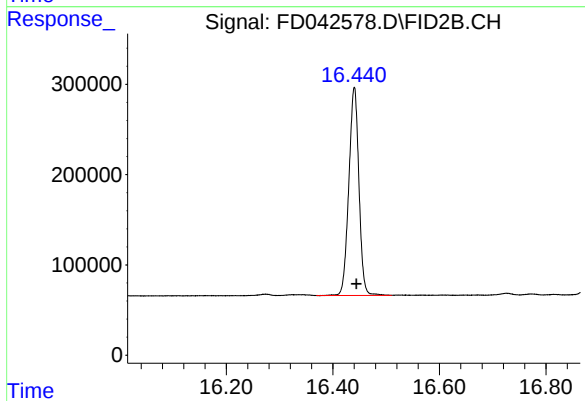
#14 n-Tetracosane (C24)

R.T.: 14.483 min
Delta R.T.: -0.003 min
Response: 2882714
Conc: 19.99 ug/ml



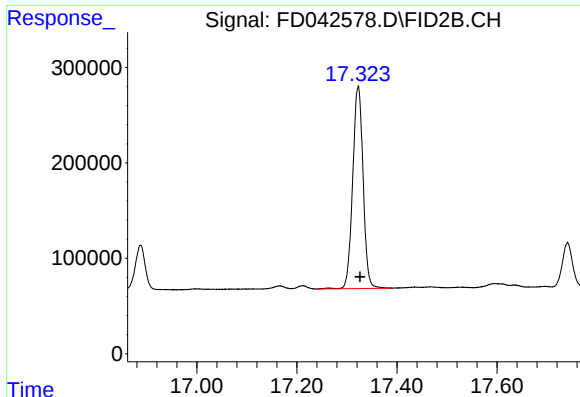
#15 n-Hexacosane (C26)

R.T.: 15.497 min
Delta R.T.: -0.004 min
Response: 2915583
Conc: 20.82 ug/ml



#16 n-Octacosane (C28)

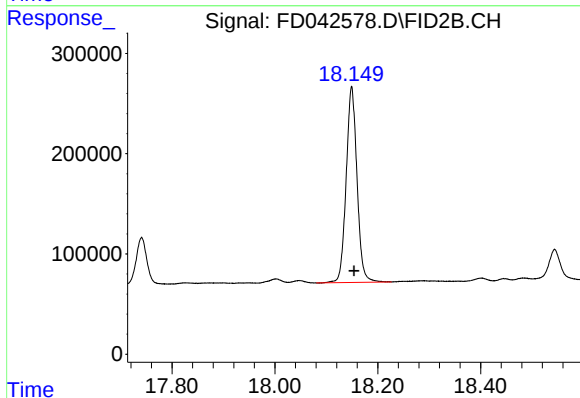
R.T.: 16.440 min
Delta R.T.: -0.004 min
Response: 3030939
Conc: 22.23 ug/ml



#17 n-Tricontane (C30)

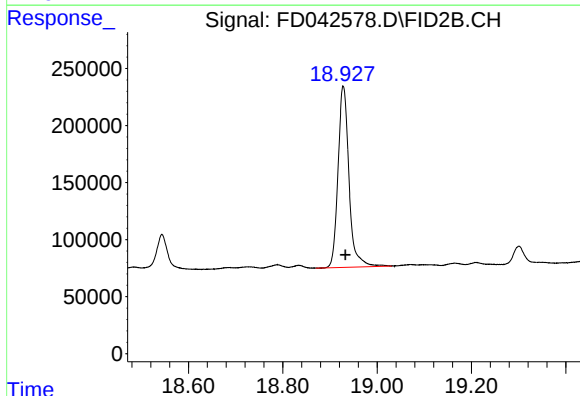
R.T.: 17.323 min
Delta R.T.: -0.004 min
Response: 3059163
Conc: 22.98 ug/ml

Instrument :
FID_D
ClientSampleId :



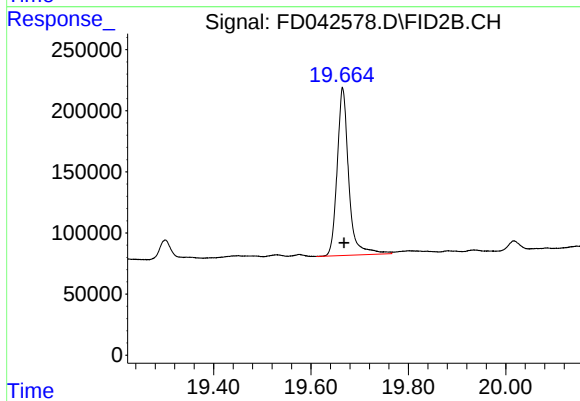
#18 n-Dotriacontane (C32)

R.T.: 18.149 min
Delta R.T.: -0.005 min
Response: 2862117
Conc: 22.49 ug/ml



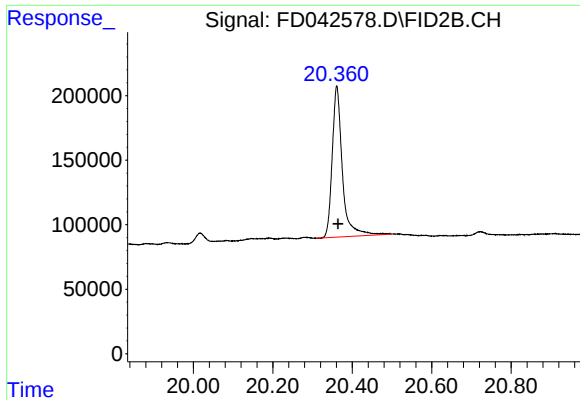
#19 n-Tetratriacontane (C34)

R.T.: 18.928 min
Delta R.T.: -0.005 min
Response: 2559899
Conc: 21.21 ug/ml



#20 n-Hexatriacontane (C36)

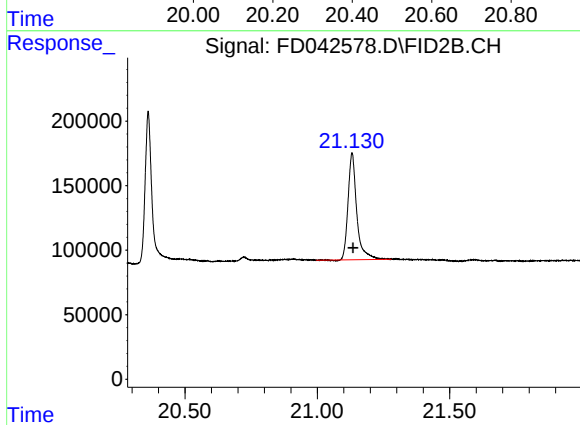
R.T.: 19.665 min
Delta R.T.: -0.003 min
Response: 2268230
Conc: 20.03 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.361 min
Delta R.T.: -0.004 min
Response: 2077121
Conc: 19.23 ug/ml

Instrument :
FID_D
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 21.131 min
Delta R.T.: -0.004 min
Response: 1887565
Conc: 17.69 ug/ml