

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD100919AL\
 Data File : FD030951.D
 Signal(s) : FID2B.CH
 Acq On : 09 Oct 2019 23:42
 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: Oct 10 01:15:36 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Alaphatic EPH 092519.M
 Quant Title : GC Extractables
 QLast Update : Thu Sep 26 03:19:09 2019
 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)	11.453	2829606	20.172 ug/ml
Spiked Amount 50.000		Recovery =	40.34%
12) S 1-chlorooctadecane (S...	12.881	2147064	19.788 ug/ml
Spiked Amount 50.000		Recovery =	39.58%
Target Compounds			
1) T n-Nonane (C9)	3.280	2629932	22.387 ug/ml
2) T n-Decane (C10)	4.336	2649054	22.563 ug/ml
3) T A~Naphthalene (C11.7)	5.906	2891023	22.157 ug/ml
4) T n-Dodecane (C12)	6.338	2691622	22.619 ug/ml
5) T A~2-methylnaphthalene...	6.955	2922888	22.173 ug/ml
6) T n-Tetradecane (C14)	8.122	2688316	22.309 ug/ml
7) T n-Hexadecane (C16)	9.711	2678300	21.900 ug/ml
8) T n-Octadecane (C18)	11.141	2646273	21.244 ug/ml
10) T n-Eicosane (C20)	12.440	2571062	20.389 ug/ml
11) T n-Heneicosane (C21)	13.047	2535049	19.827 ug/ml
13) T n-Docosane (C22)	13.628	2512340	19.612 ug/ml
14) T n-Tetracosane (C24)	14.722	2482236	19.129 ug/ml
15) T n-Hexacosane (C26)	15.733	2426956	18.690 ug/ml
16) T n-Octacosane (C28)	16.675	2422984	18.715 ug/ml
17) T n-Tricontane (C30)	17.556	2401318	18.483 ug/ml
18) T n-Dotriacontane (C32)	18.381	2308104	18.326 ug/ml
19) T n-Tetratriacontane (C34)	19.157	2178858	17.903 ug/ml
20) T n-Hexatriacontane (C36)	19.890	2050119	17.774 ug/ml
21) T n-Octatriacontane (C38)	20.593	2000119	18.964 ug/ml
22) T n-Tetracontane (C40)	21.426	2062539	19.493 ug/ml

(f)=RT Delta > 1/2 Window

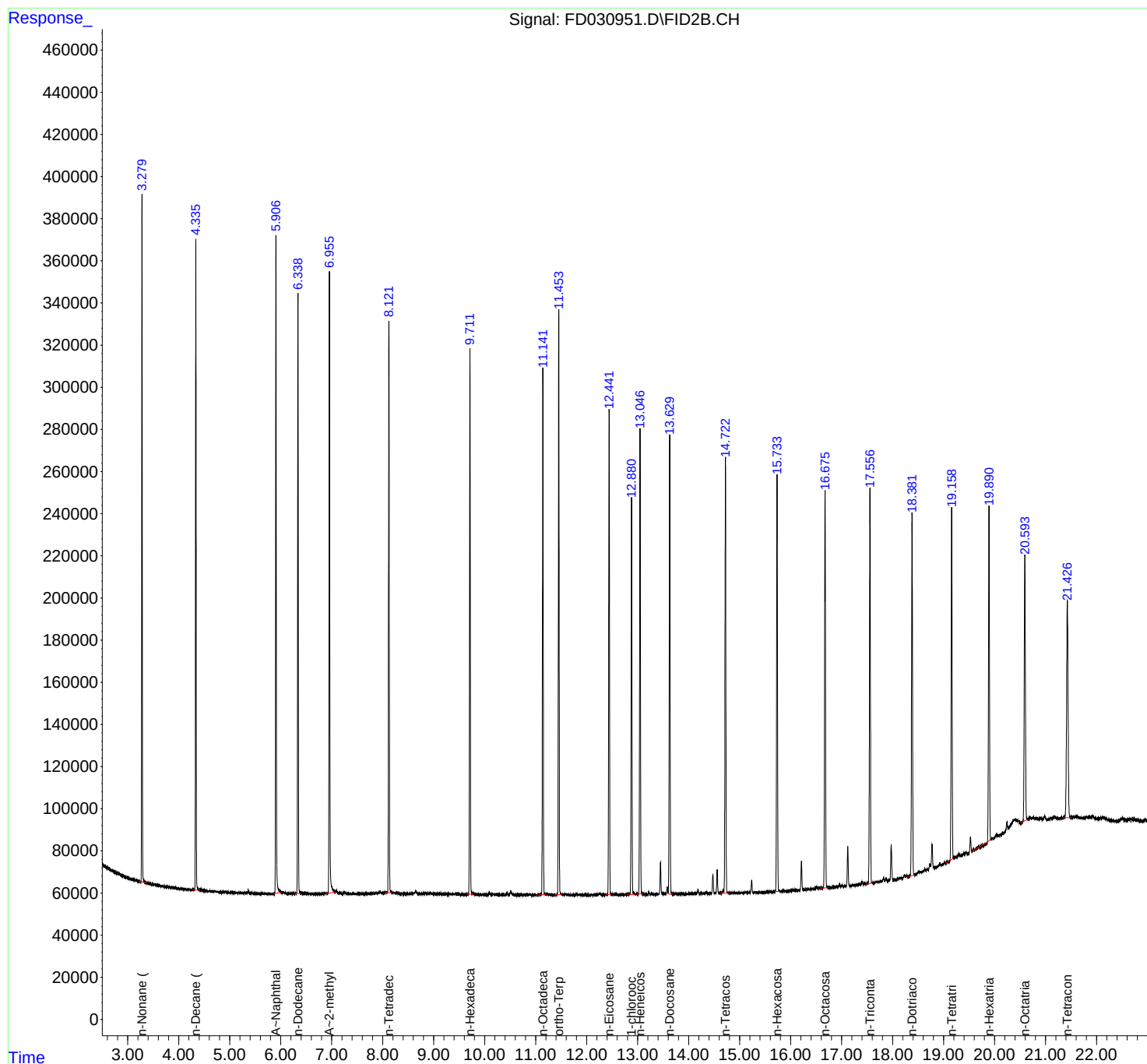
(m)=manual int.

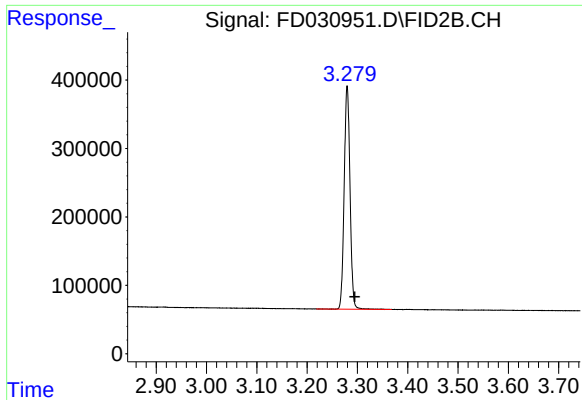
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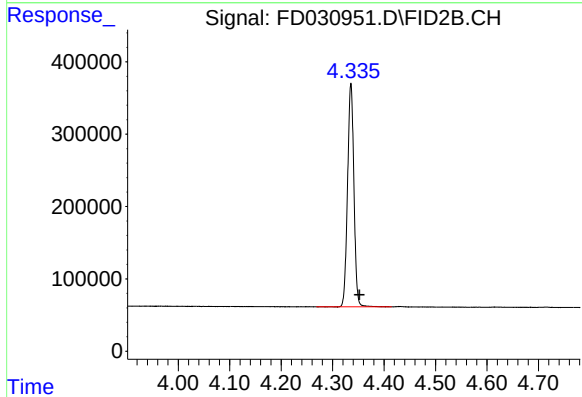




#1 n-Nonane (C9)

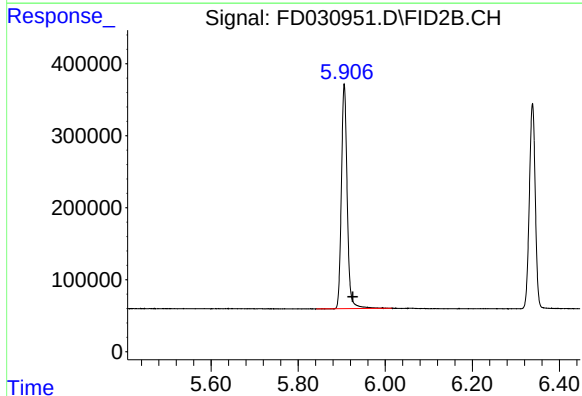
R.T.: 3.280 min
Delta R.T.: -0.015 min
Response: 2629932
Conc: 22.39 ug/ml

Instrument :
FID_D
ClientSampleId :



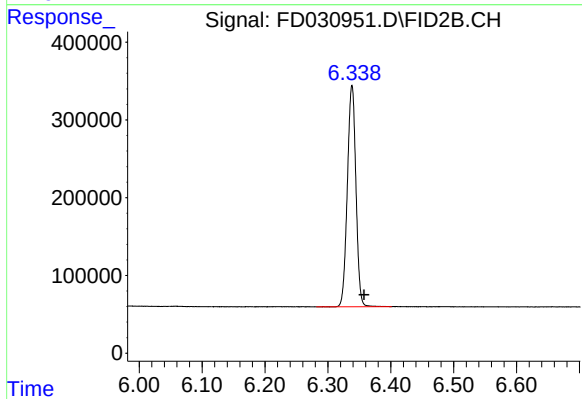
#2 n-Decane (C10)

R.T.: 4.336 min
Delta R.T.: -0.017 min
Response: 2649054
Conc: 22.56 ug/ml



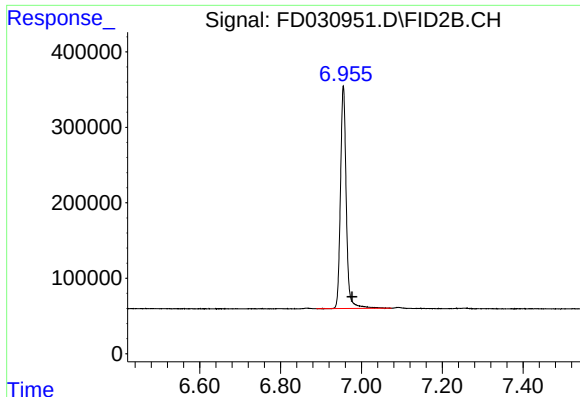
#3 A~Naphthalene (C11.7)

R.T.: 5.906 min
Delta R.T.: -0.019 min
Response: 2891023
Conc: 22.16 ug/ml



#4 n-Dodecane (C12)

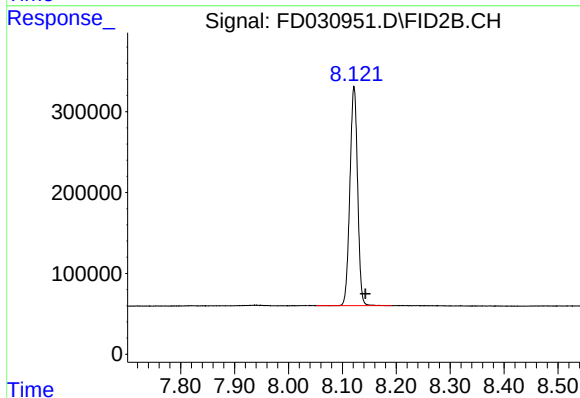
R.T.: 6.338 min
Delta R.T.: -0.019 min
Response: 2691622
Conc: 22.62 ug/ml



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

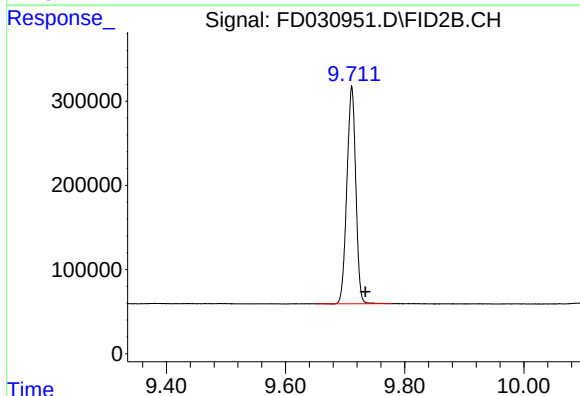
R.T.: 6.955 min
Delta R.T.: -0.021 min
Response: 2922888
Conc: 22.17 ug/ml

Instrument :
FID_D
ClientSampleId :



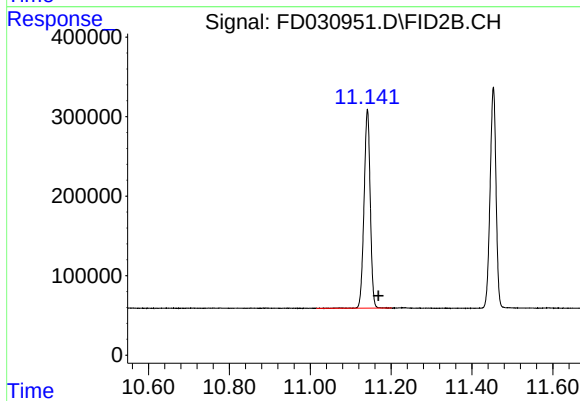
#6 n-Tetradecane (C14)

R.T.: 8.122 min
Delta R.T.: -0.021 min
Response: 2688316
Conc: 22.31 ug/ml



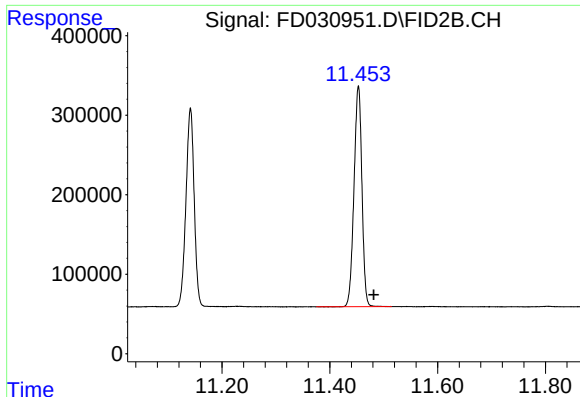
#7 n-Hexadecane (C16)

R.T.: 9.711 min
Delta R.T.: -0.023 min
Response: 2678300
Conc: 21.90 ug/ml



#8 n-Octadecane (C18)

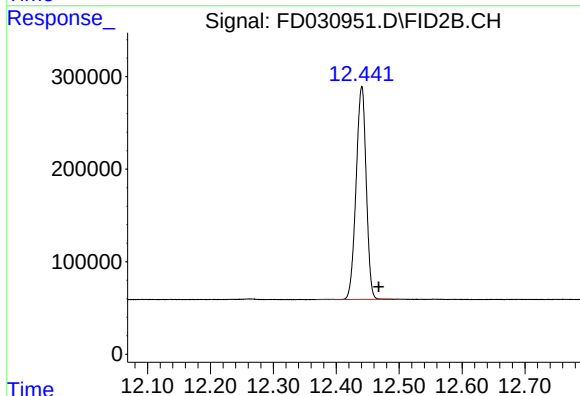
R.T.: 11.141 min
Delta R.T.: -0.027 min
Response: 2646273
Conc: 21.24 ug/ml



#9 ortho-Terphenyl (SURR)

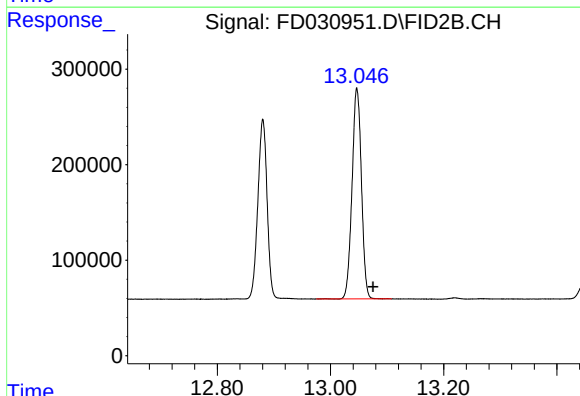
R.T.: 11.453 min
Delta R.T.: -0.029 min
Response: 2829606
Conc: 20.17 ug/ml

Instrument :
FID_D
ClientSampleId :



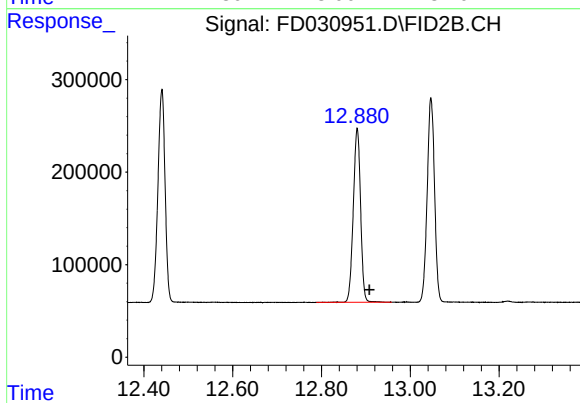
#10 n-Eicosane (C20)

R.T.: 12.440 min
Delta R.T.: -0.027 min
Response: 2571062
Conc: 20.39 ug/ml



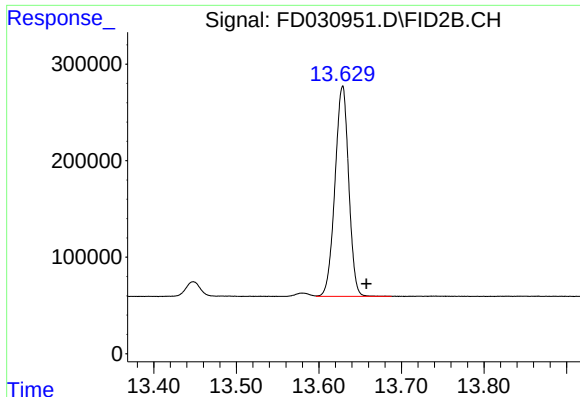
#11 n-Heneicosane (C21)

R.T.: 13.047 min
Delta R.T.: -0.028 min
Response: 2535049
Conc: 19.83 ug/ml



#12 1-chlorooctadecane (SURR)

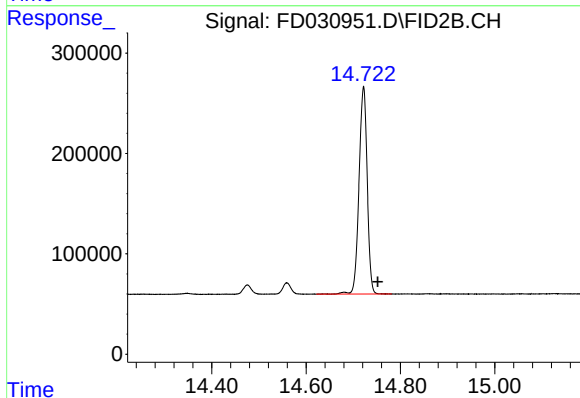
R.T.: 12.881 min
Delta R.T.: -0.027 min
Response: 2147064
Conc: 19.79 ug/ml



#13 n-Docosane (C22)

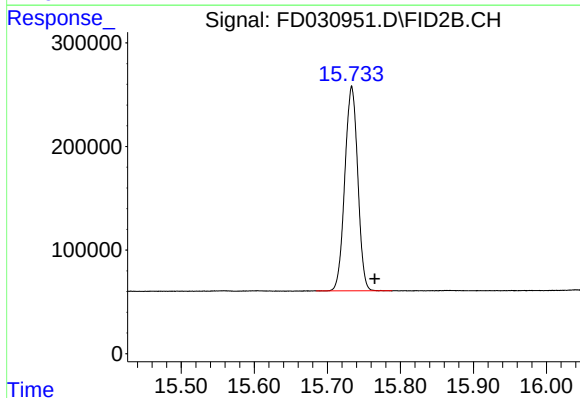
R.T.: 13.628 min
Delta R.T.: -0.029 min
Response: 2512340
Conc: 19.61 ug/ml

Instrument :
FID_D
ClientSampleId :



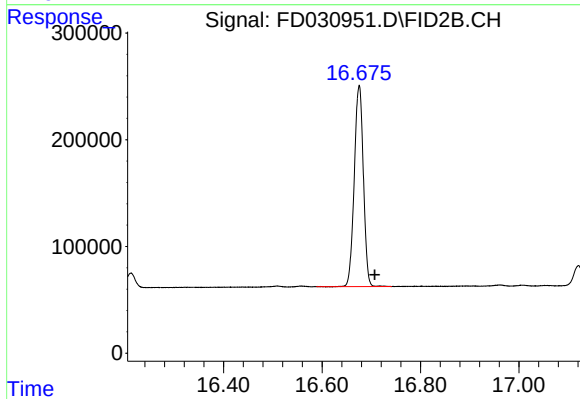
#14 n-Tetracosane (C24)

R.T.: 14.722 min
Delta R.T.: -0.030 min
Response: 2482236
Conc: 19.13 ug/ml



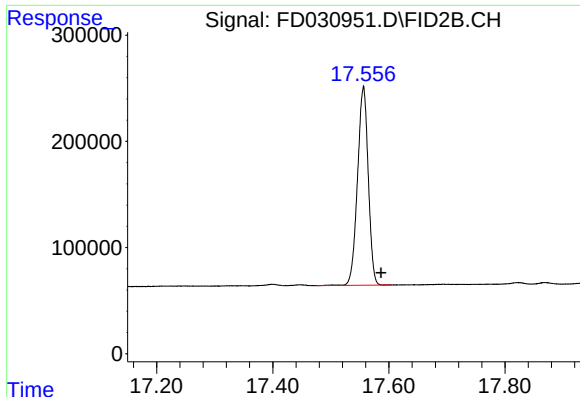
#15 n-Hexacosane (C26)

R.T.: 15.733 min
Delta R.T.: -0.031 min
Response: 2426956
Conc: 18.69 ug/ml



#16 n-Octacosane (C28)

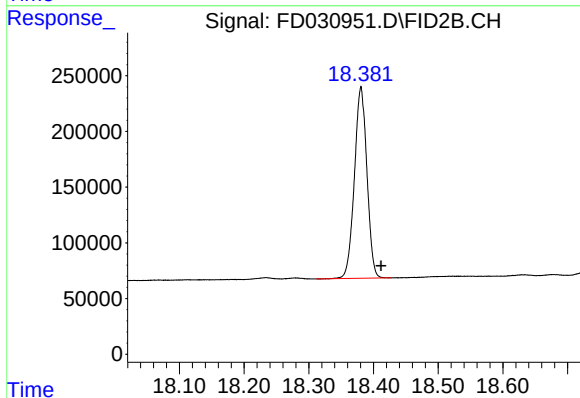
R.T.: 16.675 min
Delta R.T.: -0.032 min
Response: 2422984
Conc: 18.71 ug/ml



#17 n-Tricontane (C30)

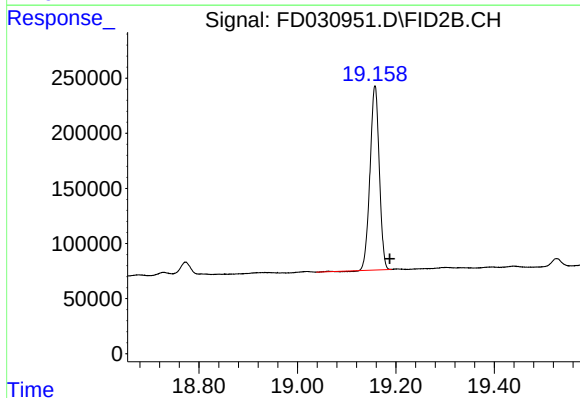
R.T.: 17.556 min
Delta R.T.: -0.031 min
Response: 2401318
Conc: 18.48 ug/ml

Instrument :
FID_D
ClientSampleId :



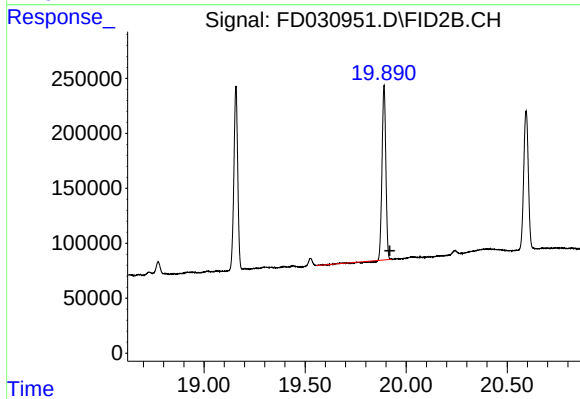
#18 n-Dotriacontane (C32)

R.T.: 18.381 min
Delta R.T.: -0.031 min
Response: 2308104
Conc: 18.33 ug/ml



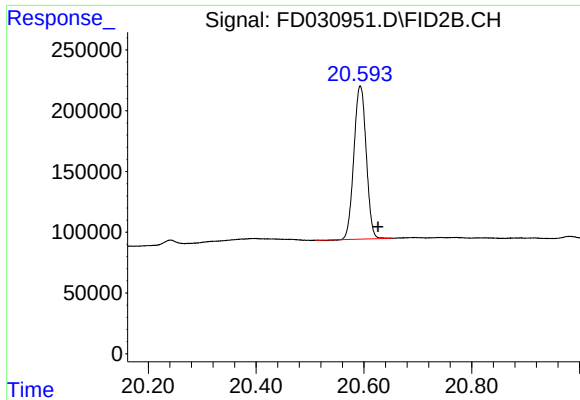
#19 n-Tetratriacontane (C34)

R.T.: 19.157 min
Delta R.T.: -0.030 min
Response: 2178858
Conc: 17.90 ug/ml



#20 n-Hexatriacontane (C36)

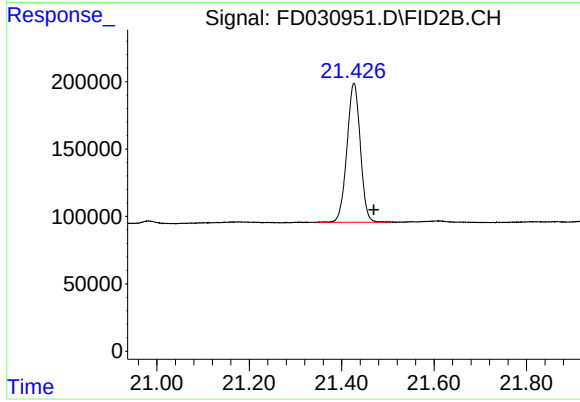
R.T.: 19.890 min
Delta R.T.: -0.030 min
Response: 2050119
Conc: 17.77 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.593 min
Delta R.T.: -0.033 min
Response: 2000119
Conc: 18.96 ug/ml

Instrument :
FID_D
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 21.426 min
Delta R.T.: -0.043 min
Response: 2062539
Conc: 19.49 ug/ml