

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF050322AL\
 Data File : FF010481.D
 Signal(s) : FID2B.ch
 Acq On : 03 May 2022 13:22
 Operator : AJ\MA
 Sample : 20 PPM ALIPHATIC HC STD ICV
 Misc :
 ALS Vial : 57 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 20 PPM ALIPHATIC HC STD ICV

Integration File: sample.E
 Quant Time: May 03 14:02:05 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aliphatic EPH -FF050322.M
 Quant Title : GC Extractables
 QLast Update : Tue May 03 13:18:42 2022
 Response via : Initial Calibration
 Integrator: ChemStation

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)	10.854	2746223	19.947 ug/ml
Spiked Amount 50.000		Recovery =	39.89%
12) S 1-chlorooctadecane (S...	12.291	2175174	20.001 ug/ml
Spiked Amount 50.000		Recovery =	40.00%
Target Compounds			
1) T n-Nonane (C9)	2.716	2322773	19.628 ug/ml
2) T n-Decane (C10)	3.724	2319718	19.754 ug/ml
3) T A~Naphthalene (C11.7)	5.282	2640261	19.914 ug/ml
4) T n-Dodecane (C12)	5.710	2376768	19.792 ug/ml
5) T A~2-methylnaphthalene...	6.330	2664298	19.880 ug/ml
6) T n-Tetradecane (C14)	7.500	2405511	19.934 ug/ml
7) T n-Hexadecane (C16)	9.099	2454433	19.950 ug/ml
8) T n-Octadecane (C18)	10.539	2506375	19.973 ug/ml
10) T n-Eicosane (C20)	11.847	2508417	19.997 ug/ml
11) T n-Heneicosane (C21)	12.459	2517578	20.000 ug/ml
13) T n-Docosane (C22)	13.044	2504418	20.021 ug/ml
14) T n-Tetracosane (C24)	14.146	2465793	20.030 ug/ml
15) T n-Hexacosane (C26)	15.165	2385787	20.052 ug/ml
16) T n-Octacosane (C28)	16.114	2288316	20.049 ug/ml
17) T n-Tricontane (C30)	17.000	2178153	19.975 ug/ml
18) T n-Dotriacontane (C32)	17.830	2032316	19.835 ug/ml
19) T n-Tetratriacontane (C34)	18.612	1853075	20.080 ug/ml
20) T n-Hexatriacontane (C36)	19.349	1706850	20.455 ug/ml
21) T n-Octatriacontane (C38)	20.071	1542726	20.724 ug/ml
22) T n-Tetracontane (C40)	20.943	1548236	20.711 ug/ml

(f)=RT Delta > 1/2 Window

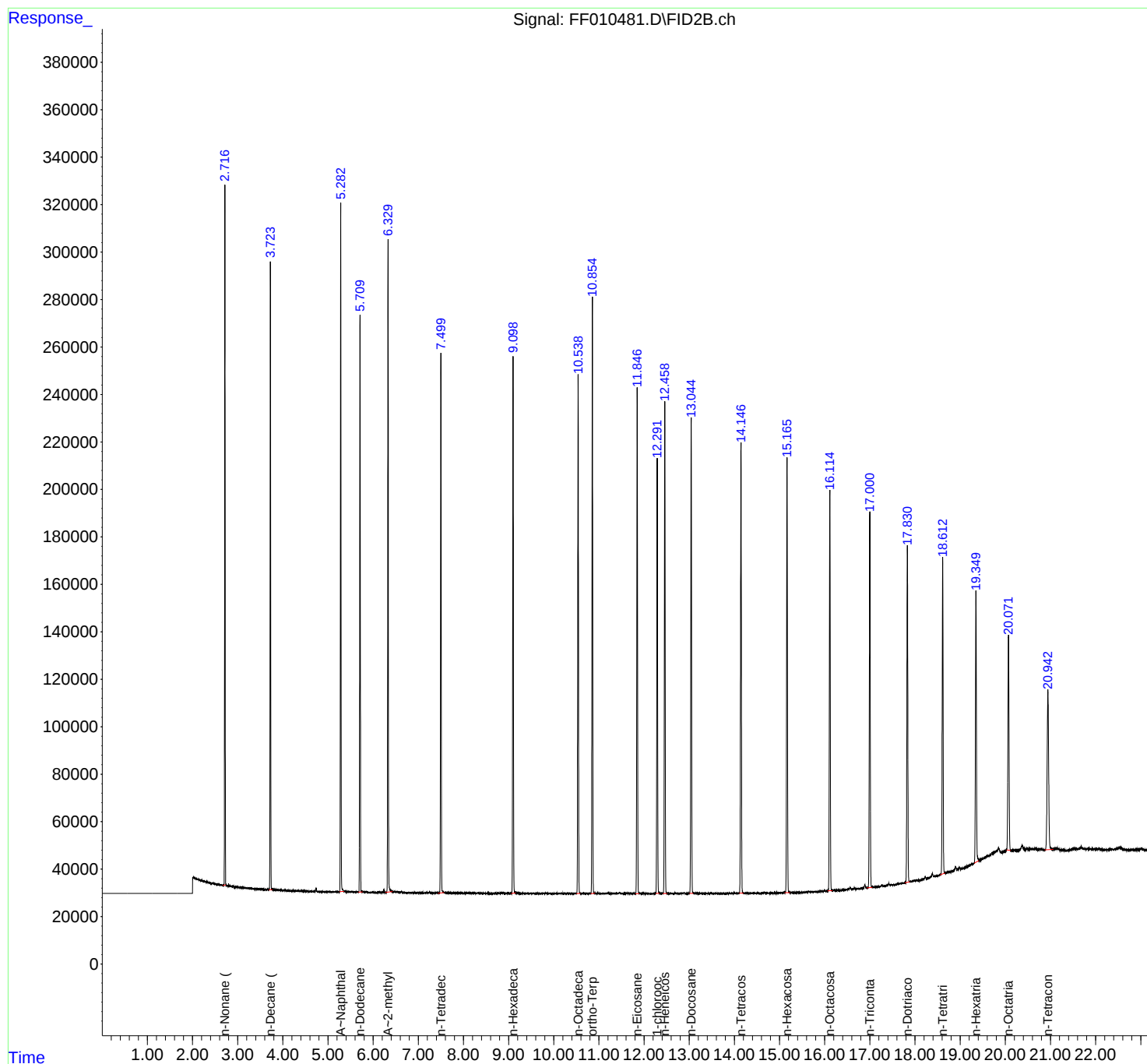
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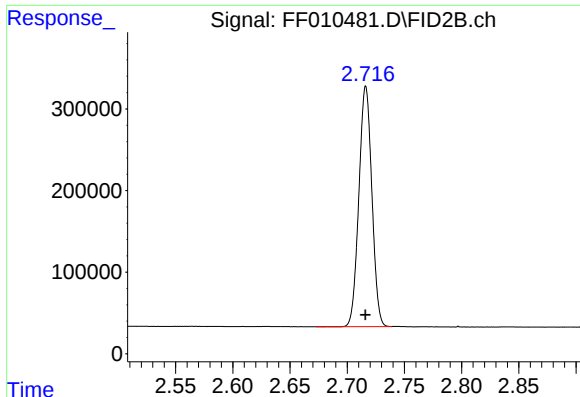
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#1 n-Nonane (C9)

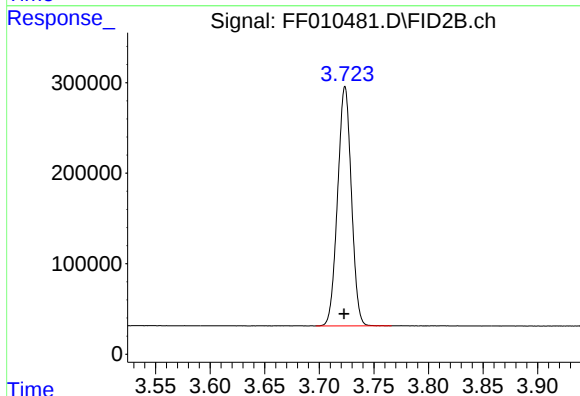
R.T.: 2.716 min
Delta R.T.: 0.000 min
Response: 2322773
Conc: 19.63 ug/ml

Instrument :

FID_F

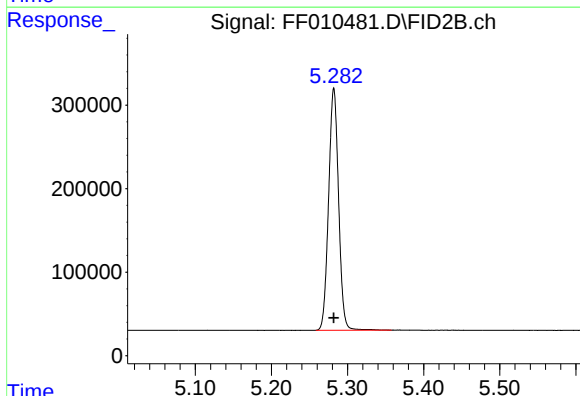
ClientSampleId :

20 PPM ALIPHATIC HC STD ICV



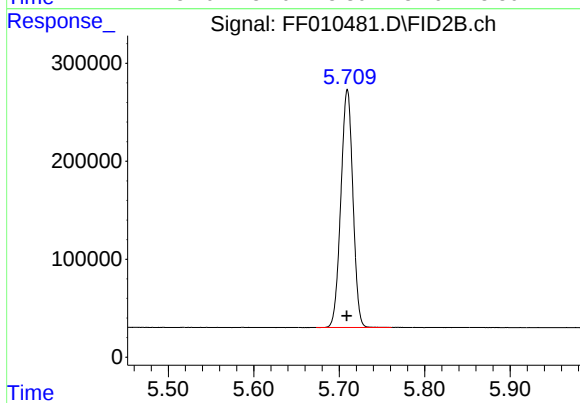
#2 n-Decane (C10)

R.T.: 3.724 min
Delta R.T.: 0.000 min
Response: 2319718
Conc: 19.75 ug/ml



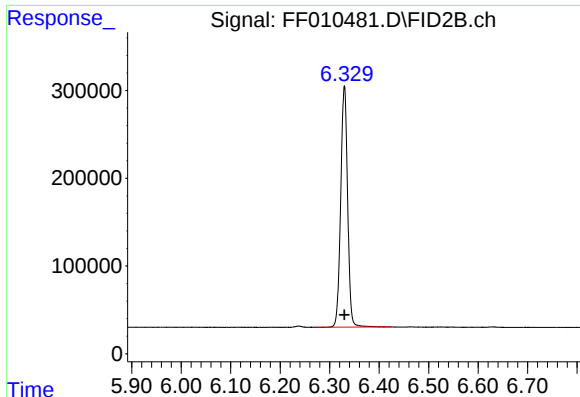
#3 A~Naphthalene (C11.7)

R.T.: 5.282 min
Delta R.T.: 0.000 min
Response: 2640261
Conc: 19.91 ug/ml



#4 n-Dodecane (C12)

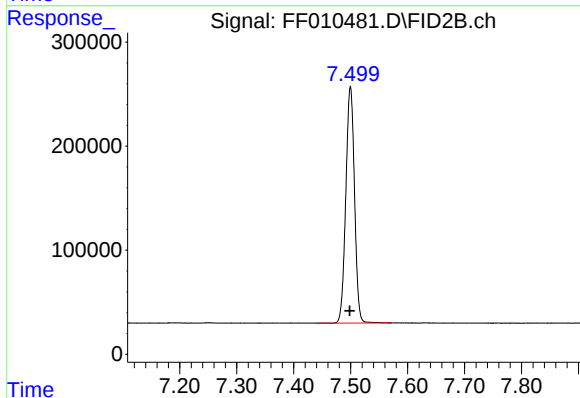
R.T.: 5.710 min
Delta R.T.: 0.000 min
Response: 2376768
Conc: 19.79 ug/ml



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

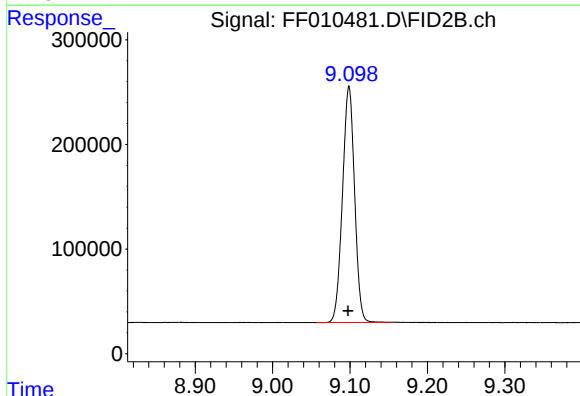
R.T.: 6.330 min
Delta R.T.: 0.000 min
Response: 2664298
Conc: 19.88 ug/ml

Instrument :
FID_F
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20 PPM ALIPHATIC HC STD ICV



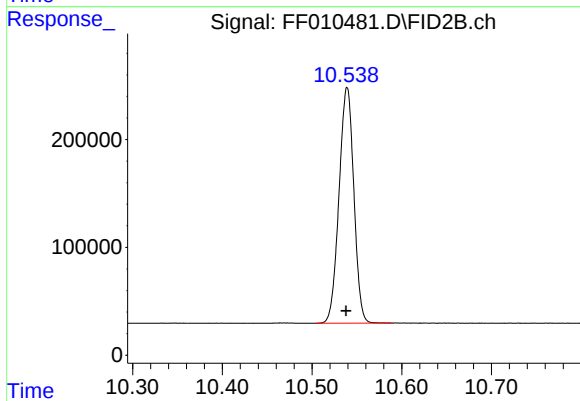
#6 n-Tetradecane (C14)

R.T.: 7.500 min
Delta R.T.: 0.001 min
Response: 2405511
Conc: 19.93 ug/ml



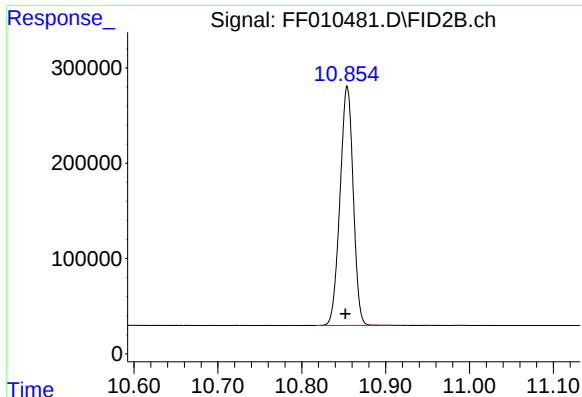
#7 n-Hexadecane (C16)

R.T.: 9.099 min
Delta R.T.: 0.001 min
Response: 2454433
Conc: 19.95 ug/ml



#8 n-Octadecane (C18)

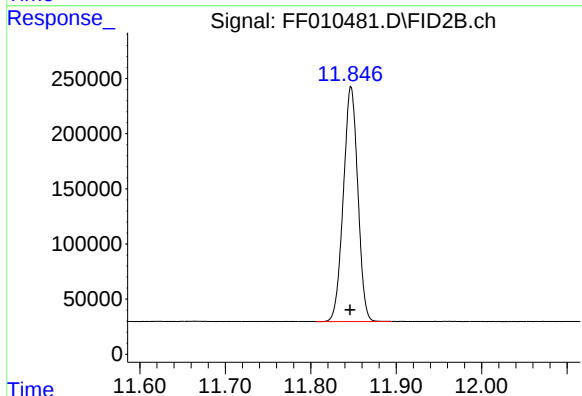
R.T.: 10.539 min
Delta R.T.: 0.001 min
Response: 2506375
Conc: 19.97 ug/ml



#9 ortho-Terphenyl (SURR)

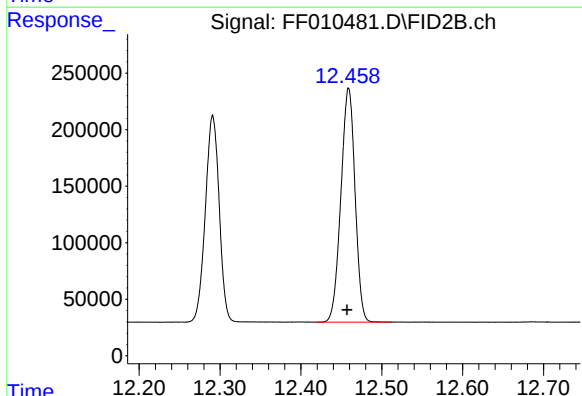
R.T.: 10.854 min
Delta R.T.: 0.002 min
Response: 2746223
Conc: 19.95 ug/ml

Instrument :
FID_F
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20 PPM ALIPHATIC HC STD ICV



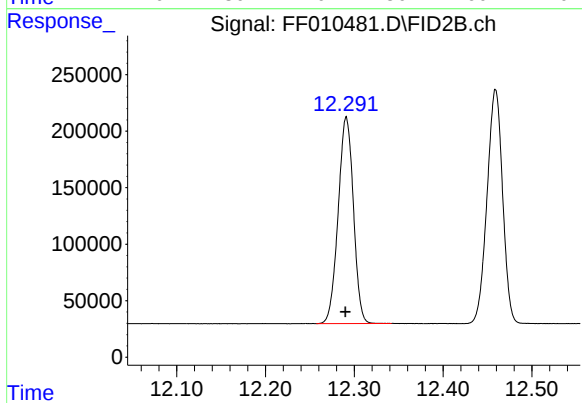
#10 n-Eicosane (C20)

R.T.: 11.847 min
Delta R.T.: 0.000 min
Response: 2508417
Conc: 20.00 ug/ml



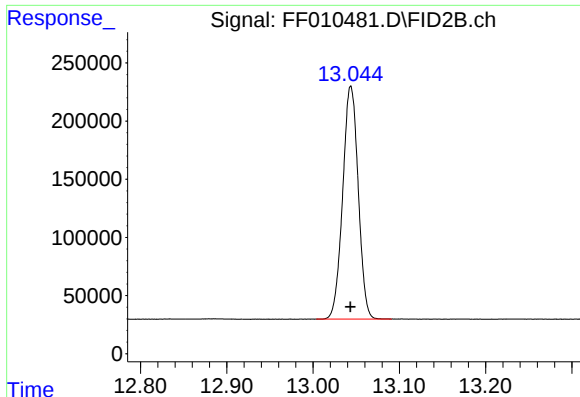
#11 n-Heneicosane (C21)

R.T.: 12.459 min
Delta R.T.: 0.002 min
Response: 2517578
Conc: 20.00 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.291 min
Delta R.T.: 0.000 min
Response: 2175174
Conc: 20.00 ug/ml



#13 n-Docosane (C22)

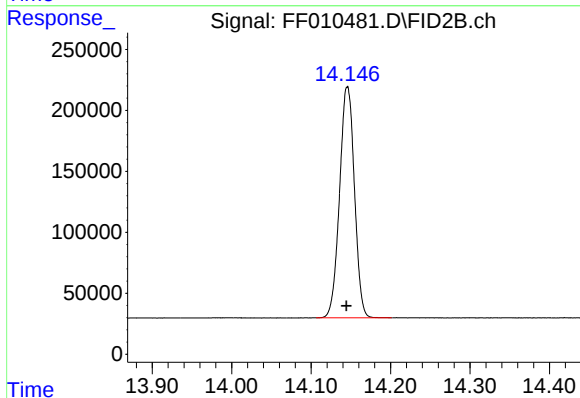
R.T.: 13.044 min
Delta R.T.: 0.000 min
Response: 2504418
Conc: 20.02 ug/ml

Instrument :

FID_F

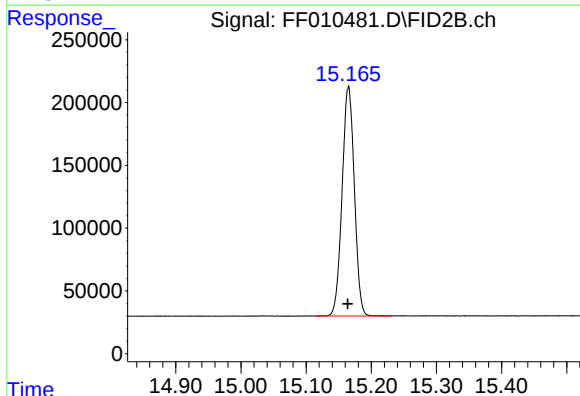
ClientSampleId :

20 PPM ALIPHATIC HC STD ICV



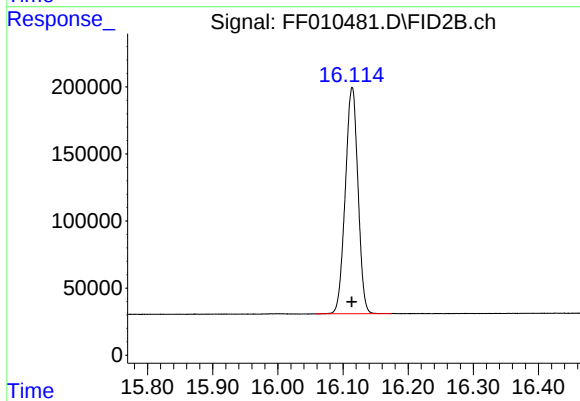
#14 n-Tetracosane (C24)

R.T.: 14.146 min
Delta R.T.: 0.001 min
Response: 2465793
Conc: 20.03 ug/ml



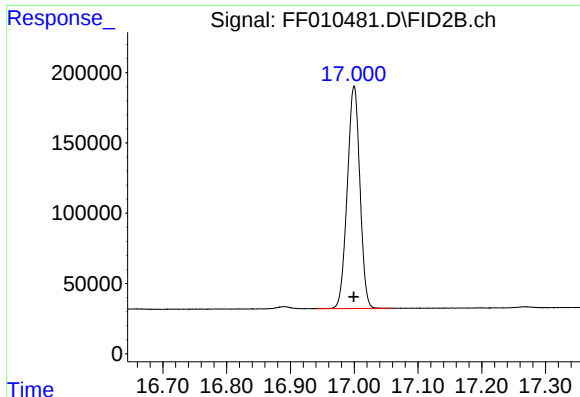
#15 n-Hexacosane (C26)

R.T.: 15.165 min
Delta R.T.: 0.001 min
Response: 2385787
Conc: 20.05 ug/ml



#16 n-Octacosane (C28)

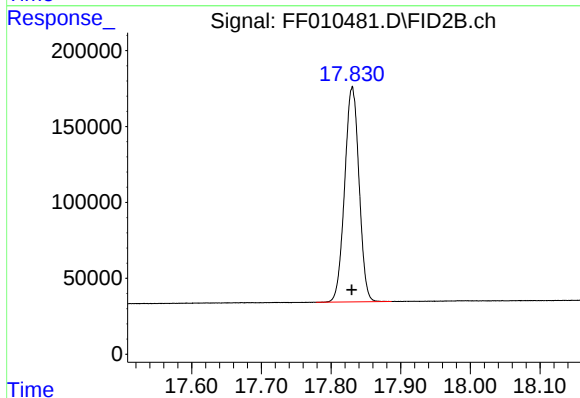
R.T.: 16.114 min
Delta R.T.: 0.000 min
Response: 2288316
Conc: 20.05 ug/ml



#17 n-Tricontane (C30)

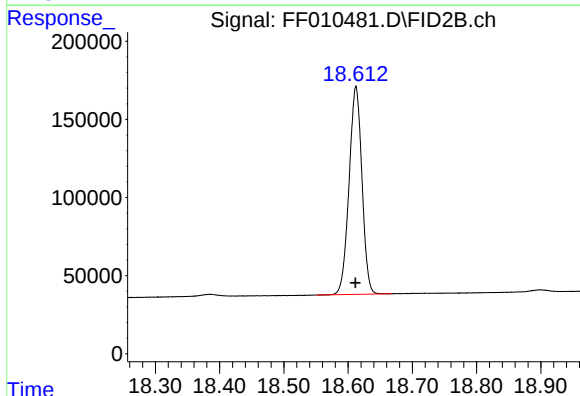
R.T.: 17.000 min
Delta R.T.: 0.000 min
Response: 2178153
Conc: 19.97 ug/ml

Instrument :
FID_F
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20 PPM ALIPHATIC HC STD ICV



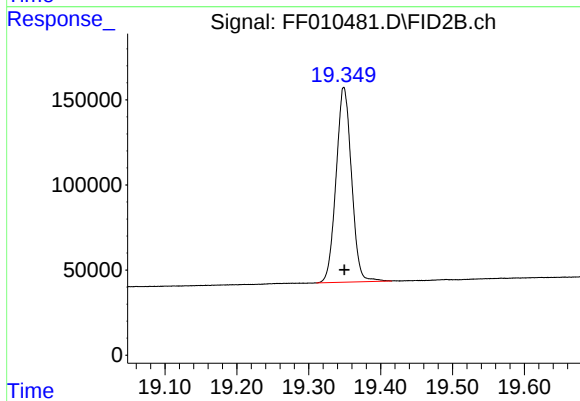
#18 n-Dotriacontane (C32)

R.T.: 17.830 min
Delta R.T.: 0.000 min
Response: 2032316
Conc: 19.84 ug/ml



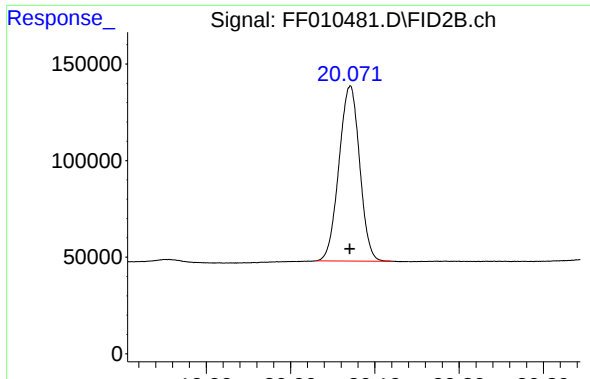
#19 n-Tetratriacontane (C34)

R.T.: 18.612 min
Delta R.T.: 0.000 min
Response: 1853075
Conc: 20.08 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 19.349 min
Delta R.T.: 0.000 min
Response: 1706850
Conc: 20.46 ug/ml



#21 n-Octatriacontane (C38)

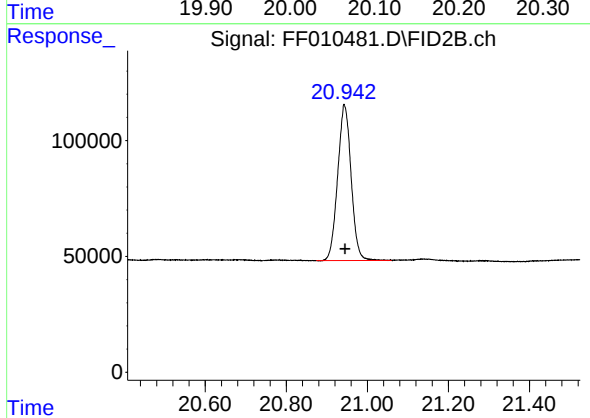
R.T.: 20.071 min
Delta R.T.: 0.000 min
Response: 1542726
Conc: 20.72 ug/ml

Instrument :

FID_F

ClientSampleId :

20 PPM ALIPHATIC HC STD ICV



#22 n-Tetracontane (C40)

R.T.: 20.943 min
Delta R.T.: -0.002 min
Response: 1548236
Conc: 20.71 ug/ml