

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF050322AL\
 Data File : FF010477.D
 Signal(s) : FID2B.ch
 Acq On : 03 May 2022 11:27
 Operator : AJ\MA
 Sample : 50 PPM ALIPHATIC HC STD2
 Misc :
 ALS Vial : 53 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 50 PPM ALIPHATIC HC STD2

Integration File: sample.E
 Quant Time: May 03 12:56:35 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aliphatic EPH -FF050322.M
 Quant Title : GC Extractables
 QLast Update : Tue May 03 12:52:10 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)	10.859	6488809	49.289 ug/ml
Spiked Amount 50.000		Recovery =	98.58%
12) S 1-chlorooctadecane (S...	12.295	5151173	49.295 ug/ml
Spiked Amount 50.000		Recovery =	98.59%
Target Compounds			
1) T n-Nonane (C9)	2.717	5512770	48.317 ug/ml
2) T n-Decane (C10)	3.725	5499204	48.482 ug/ml
3) T A~Naphthalene (C11.7)	5.284	6248230	48.792 ug/ml
4) T n-Dodecane (C12)	5.712	5647599	48.708 ug/ml
5) T A~2-methylnaphthalene...	6.333	6386711	49.050 ug/ml
6) T n-Tetradecane (C14)	7.502	5722398	48.820 ug/ml
7) T n-Hexadecane (C16)	9.102	5838367	49.040 ug/ml
8) T n-Octadecane (C18)	10.543	5935280	49.131 ug/ml
10) T n-Eicosane (C20)	11.850	5927414	49.276 ug/ml
11) T n-Heneicosane (C21)	12.462	5946897	49.374 ug/ml
13) T n-Docosane (C22)	13.048	5921583	49.389 ug/ml
14) T n-Tetracosane (C24)	14.150	5827308	49.448 ug/ml
15) T n-Hexacosane (C26)	15.169	5626119	49.404 ug/ml
16) T n-Octacosane (C28)	16.117	5393963	49.407 ug/ml
17) T n-Tricontane (C30)	17.003	5117212	49.310 ug/ml
18) T n-Dotriacontane (C32)	17.833	4783651	49.241 ug/ml
19) T n-Tetratriacontane (C34)	18.614	4295175	48.782 ug/ml
20) T n-Hexatriacontane (C36)	19.351	3919425	49.313 ug/ml
21) T n-Octatriacontane (C38)	20.073	3406865	47.678 ug/ml
22) T n-Tetracontane (C40)	20.947	3385222	47.902 ug/ml

(f)=RT Delta > 1/2 Window

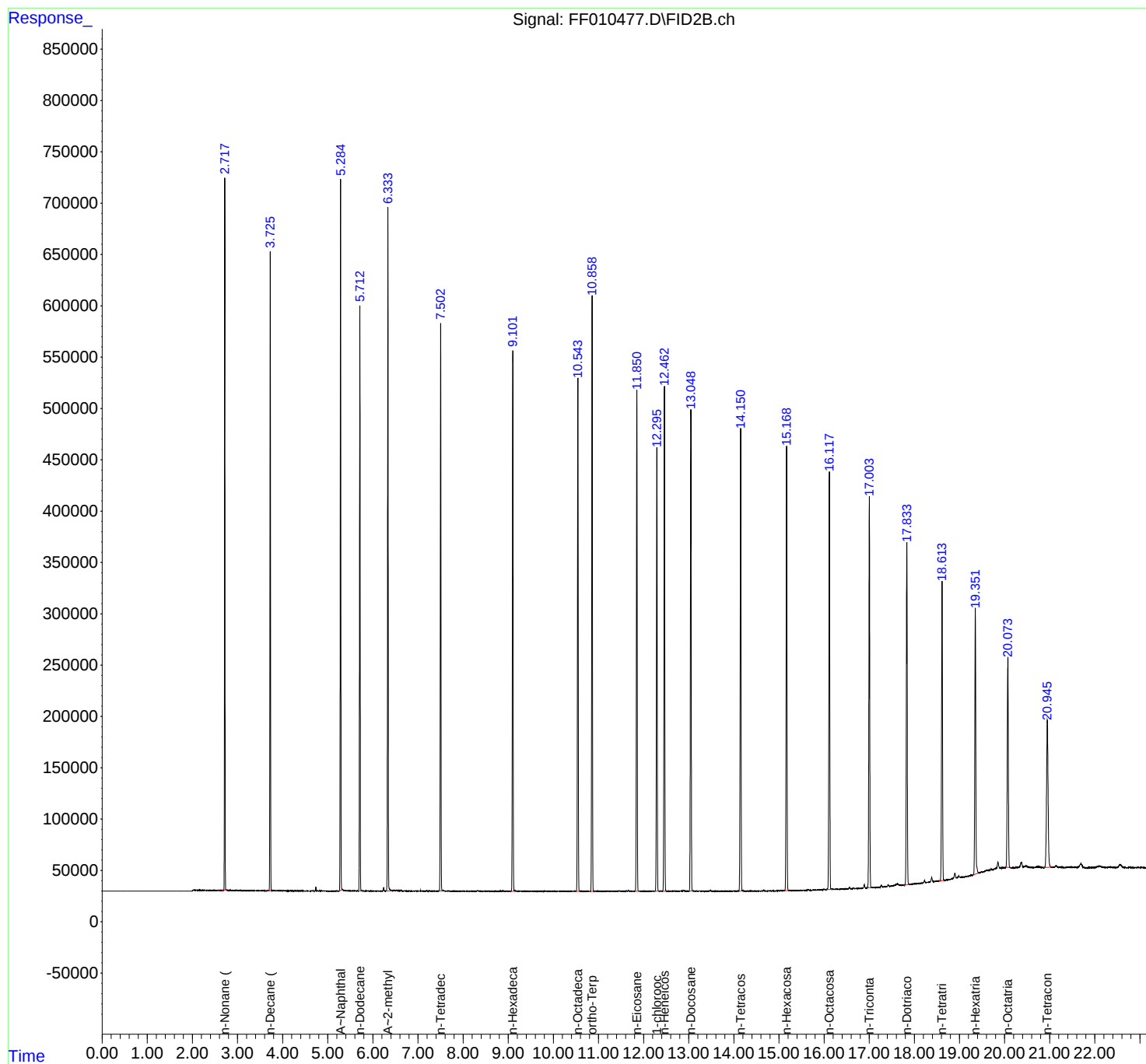
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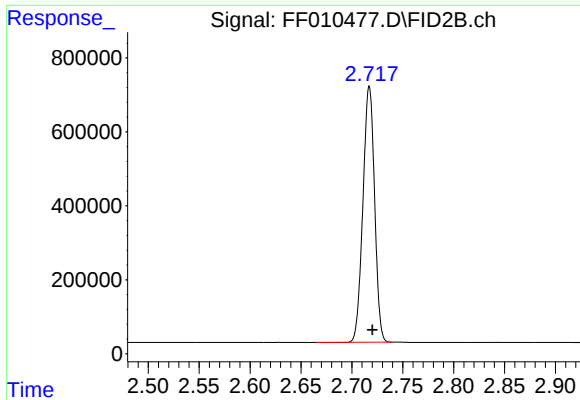
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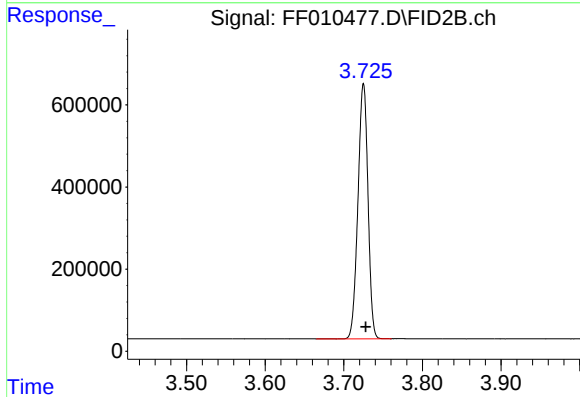




#1 n-Nonane (C9)

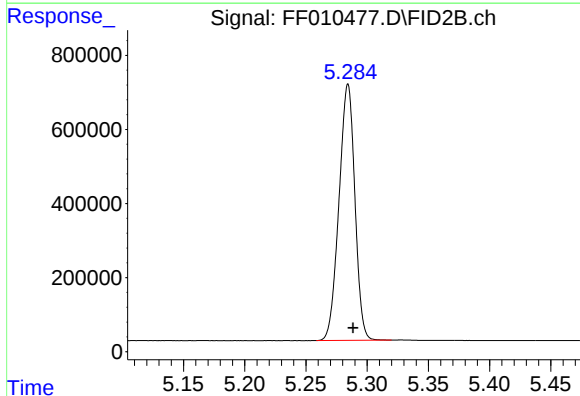
R.T.: 2.717 min
Delta R.T.: -0.003 min
Response: 5512770
Conc: 48.32 ug/ml

Instrument :
FID_F
ClientSampleId :
50 PPM ALIPHATIC HC STD2



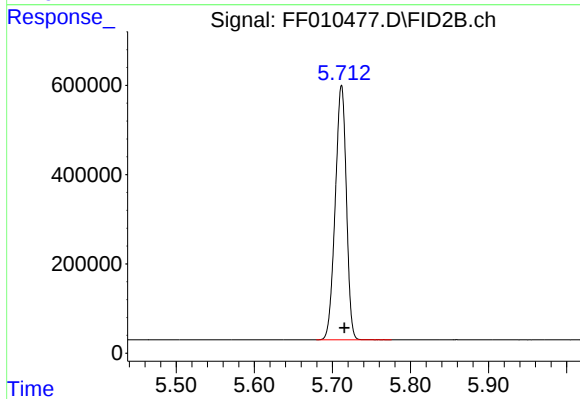
#2 n-Decane (C10)

R.T.: 3.725 min
Delta R.T.: -0.003 min
Response: 5499204
Conc: 48.48 ug/ml



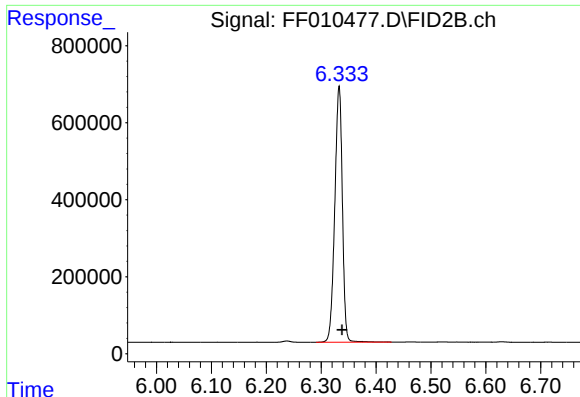
#3 A~Naphthalene (C11.7)

R.T.: 5.284 min
Delta R.T.: -0.004 min
Response: 6248230
Conc: 48.79 ug/ml



#4 n-Dodecane (C12)

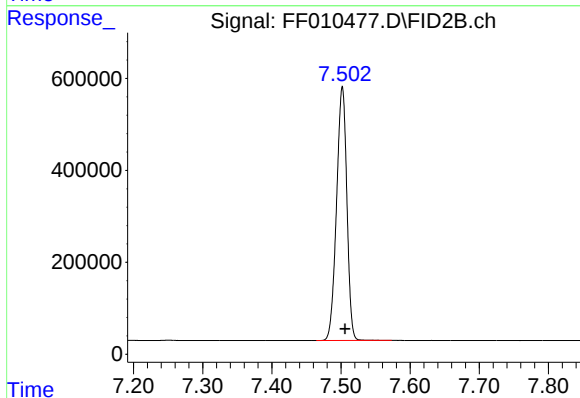
R.T.: 5.712 min
Delta R.T.: -0.004 min
Response: 5647599
Conc: 48.71 ug/ml



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

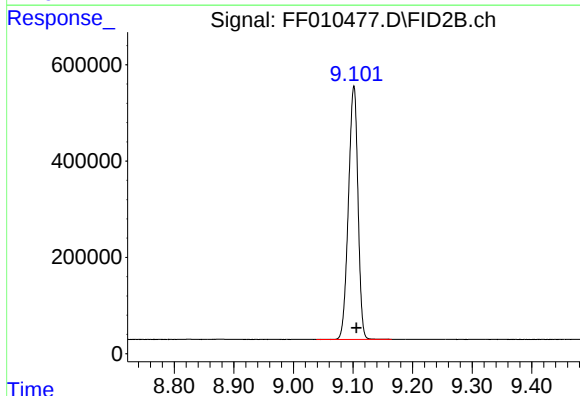
R.T.: 6.333 min
Delta R.T.: -0.005 min
Response: 6386711
Conc: 49.05 ug/ml

Instrument :
FID_F
ClientSampleId :
50 PPM ALIPHATIC HC STD2



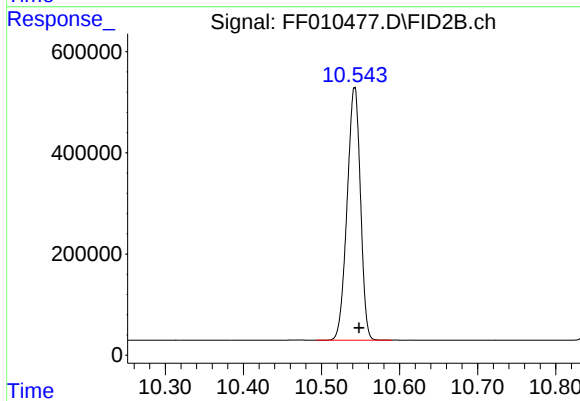
#6 n-Tetradecane (C14)

R.T.: 7.502 min
Delta R.T.: -0.004 min
Response: 5722398
Conc: 48.82 ug/ml



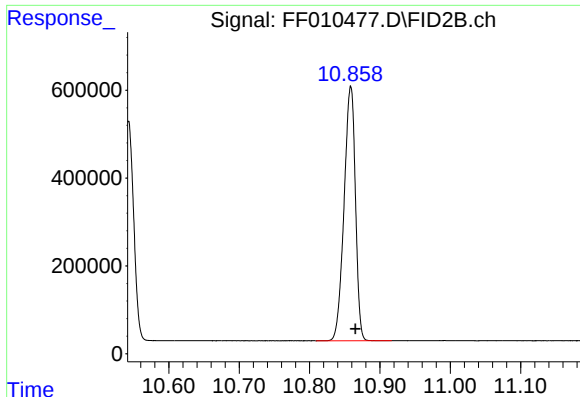
#7 n-Hexadecane (C16)

R.T.: 9.102 min
Delta R.T.: -0.004 min
Response: 5838367
Conc: 49.04 ug/ml



#8 n-Octadecane (C18)

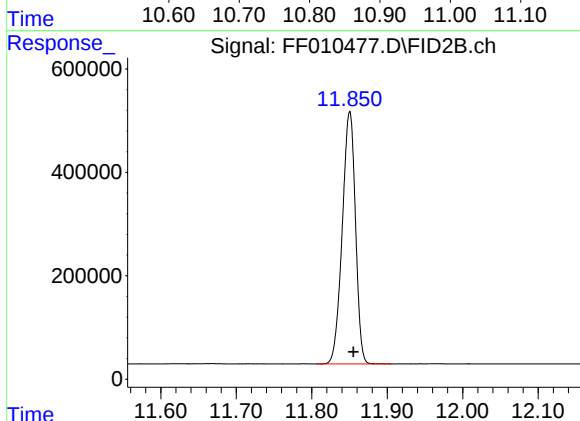
R.T.: 10.543 min
Delta R.T.: -0.006 min
Response: 5935280
Conc: 49.13 ug/ml



#9 ortho-Terphenyl (SURR)

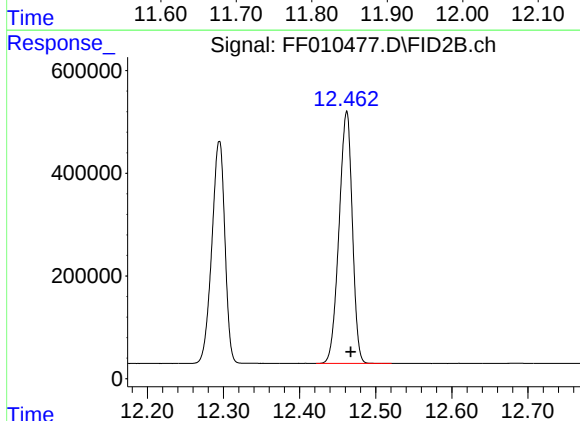
R.T.: 10.859 min
Delta R.T.: -0.007 min
Response: 6488809
Conc: 49.29 ug/ml

Instrument :
FID_F
ClientSampleId :
50 PPM ALIPHATIC HC STD2



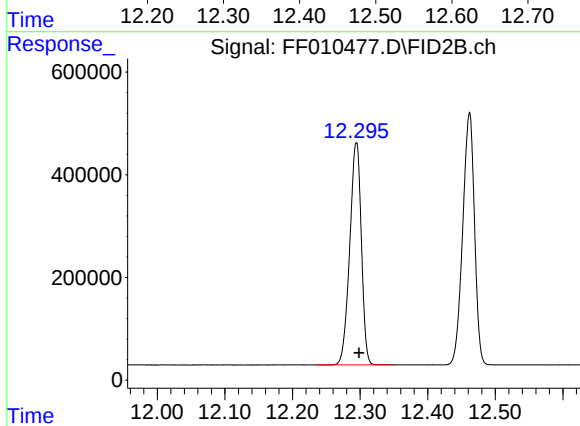
#10 n-Eicosane (C20)

R.T.: 11.850 min
Delta R.T.: -0.005 min
Response: 5927414
Conc: 49.28 ug/ml



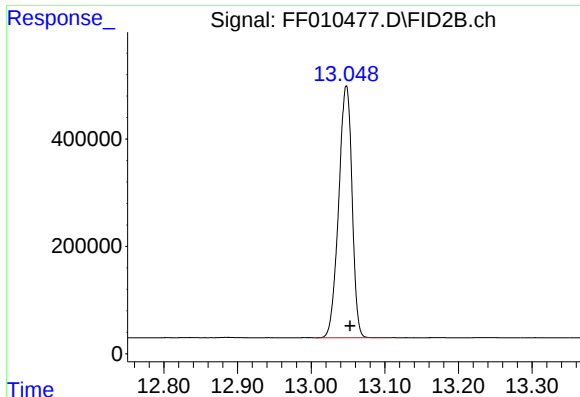
#11 n-Heneicosane (C21)

R.T.: 12.462 min
Delta R.T.: -0.005 min
Response: 5946897
Conc: 49.37 ug/ml



#12 1-chlorooctadecane (SURR)

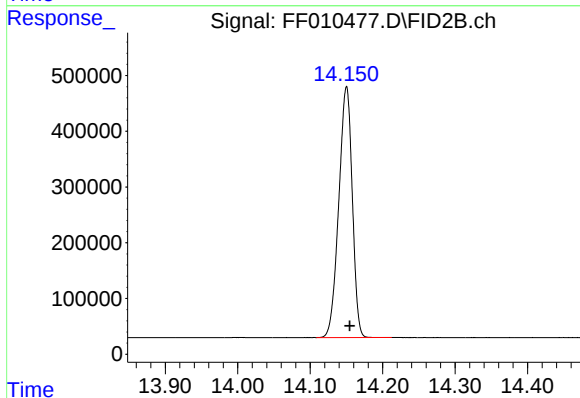
R.T.: 12.295 min
Delta R.T.: -0.004 min
Response: 5151173
Conc: 49.29 ug/ml



#13 n-Docosane (C22)

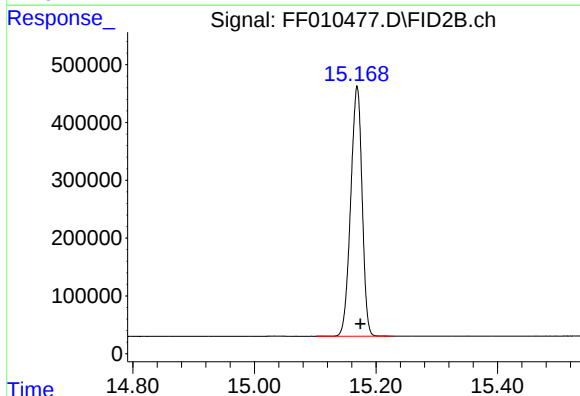
R.T.: 13.048 min
Delta R.T.: -0.005 min
Response: 5921583
Conc: 49.39 ug/ml

Instrument :
FID_F
ClientSampleId :
50 PPM ALIPHATIC HC STD2



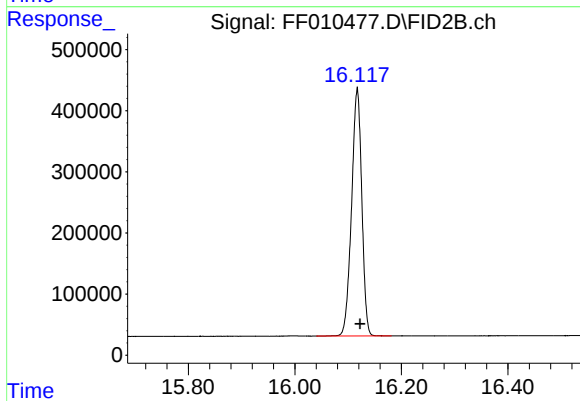
#14 n-Tetracosane (C24)

R.T.: 14.150 min
Delta R.T.: -0.004 min
Response: 5827308
Conc: 49.45 ug/ml



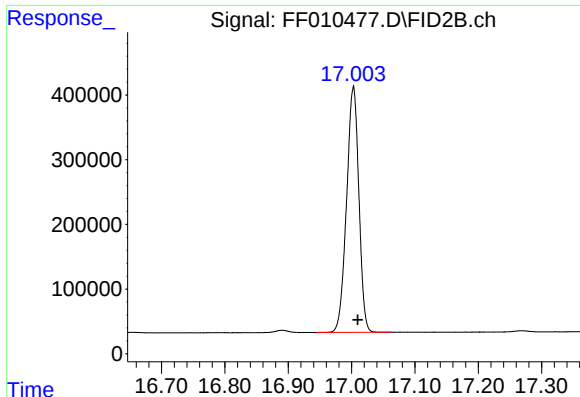
#15 n-Hexacosane (C26)

R.T.: 15.169 min
Delta R.T.: -0.005 min
Response: 5626119
Conc: 49.40 ug/ml



#16 n-Octacosane (C28)

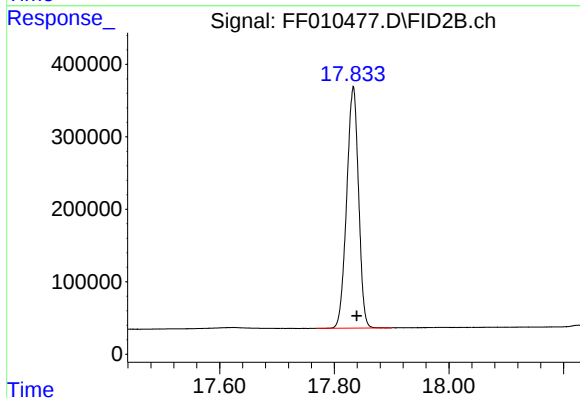
R.T.: 16.117 min
Delta R.T.: -0.005 min
Response: 5393963
Conc: 49.41 ug/ml



#17 n-Tricontane (C30)

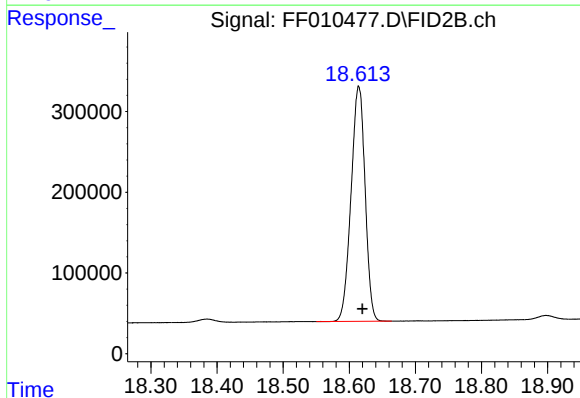
R.T.: 17.003 min
Delta R.T.: -0.007 min
Response: 5117212
Conc: 49.31 ug/ml

Instrument :
FID_F
ClientSampleId :
50 PPM ALIPHATIC HC STD2



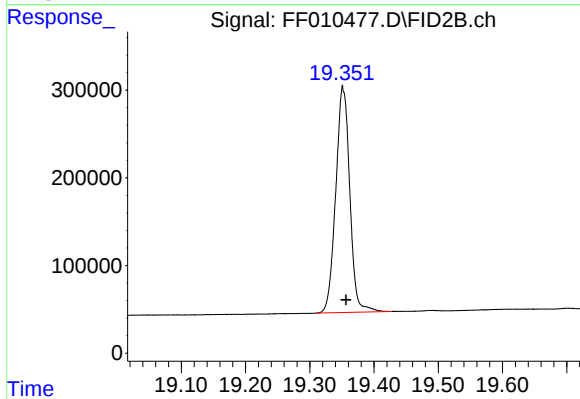
#18 n-Dotriacontane (C32)

R.T.: 17.833 min
Delta R.T.: -0.006 min
Response: 4783651
Conc: 49.24 ug/ml



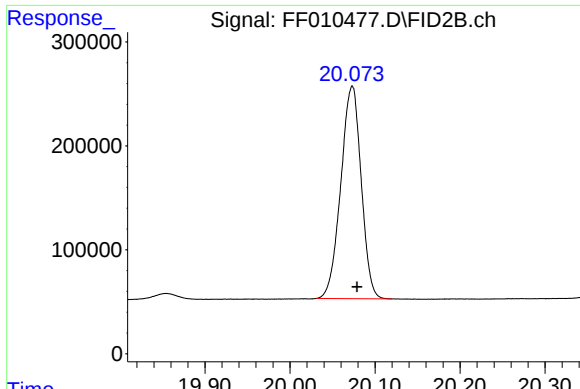
#19 n-Tetratriacontane (C34)

R.T.: 18.614 min
Delta R.T.: -0.006 min
Response: 4295175
Conc: 48.78 ug/ml



#20 n-Hexatriacontane (C36)

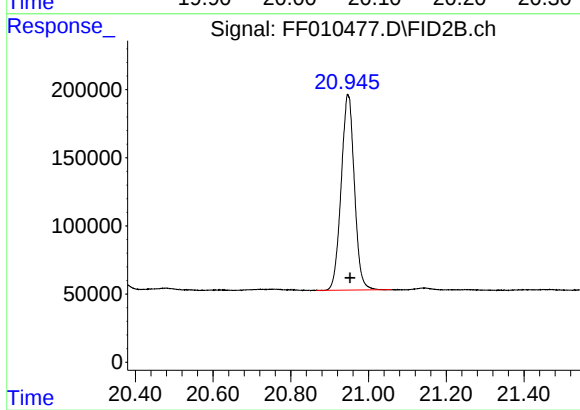
R.T.: 19.351 min
Delta R.T.: -0.005 min
Response: 3919425
Conc: 49.31 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.073 min
Delta R.T.: -0.005 min
Response: 3406865
Conc: 47.68 ug/ml

Instrument :
FID_F
ClientSampleId :
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#22 n-Tetracontane (C40)

R.T.: 20.947 min
Delta R.T.: -0.006 min
Response: 3385222
Conc: 47.90 ug/ml