

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF051923AL\
 Data File : FF012628.D
 Signal(s) : FID2B.ch
 Acq On : 19 May 2023 11:33
 Operator : YP\AJ
 Sample : 10 PPM ALIPHATIC HC STD4
 Misc :
 ALS Vial : 64 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 10 PPM ALIPHATIC HC STD4

Integration File: autoint1.e
 Quant Time: May 19 11:52:57 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aliphatic EPH 051923.M
 Quant Title : GC Extractables
 QLast Update : Fri May 19 11:39:25 2023
 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)	10.915	1598431	10.065 ug/ml
Spiked Amount 50.000		Recovery =	20.13%
12) S 1-chlorooctadecane (S...	12.348	1178240	9.991 ug/ml
Spiked Amount 50.000		Recovery =	19.98%
Target Compounds			
1) T n-Nonane (C9)	2.772	1308399	10.067 ug/ml
2) T n-Decane (C10)	3.781	1331584	9.992 ug/ml
3) T A~Naphthalene (C11.7)	5.349	1373418	9.521 ug/ml
4) T n-Dodecane (C12)	5.768	1347834	9.973 ug/ml
5) T A~2-methylnaphthalene...	6.398	1285602	9.331 ug/ml
6) T n-Tetradecane (C14)	7.558	1327852	9.869 ug/ml
7) T n-Hexadecane (C16)	9.155	1366064	9.792 ug/ml
8) T n-Octadecane (C18)	10.595	1416416	9.980 ug/ml
10) T n-Eicosane (C20)	11.902	1369987	10.026 ug/ml
11) T n-Heneicosane (C21)	12.514	1350702	10.083 ug/ml
13) T n-Docosane (C22)	13.099	1335934	10.062 ug/ml
14) T n-Tetracosane (C24)	14.201	1315720	10.088 ug/ml
15) T n-Hexacosane (C26)	15.219	1273479	10.108 ug/ml
16) T n-Octacosane (C28)	16.168	1225935	10.123 ug/ml
17) T n-Tricontane (C30)	17.055	1234305	10.239 ug/ml
18) T n-Dotriacontane (C32)	17.886	1210362	10.317 ug/ml
19) T n-Tetratriacontane (C34)	18.668	1171128	10.269 ug/ml
20) T n-Hexatriacontane (C36)	19.406	1131279	10.229 ug/ml
21) T n-Octatriacontane (C38)	20.136	1115538	10.145 ug/ml
22) T n-Tetracontane (C40)	21.035	1141844	10.567 ug/ml

(f)=RT Delta > 1/2 Window

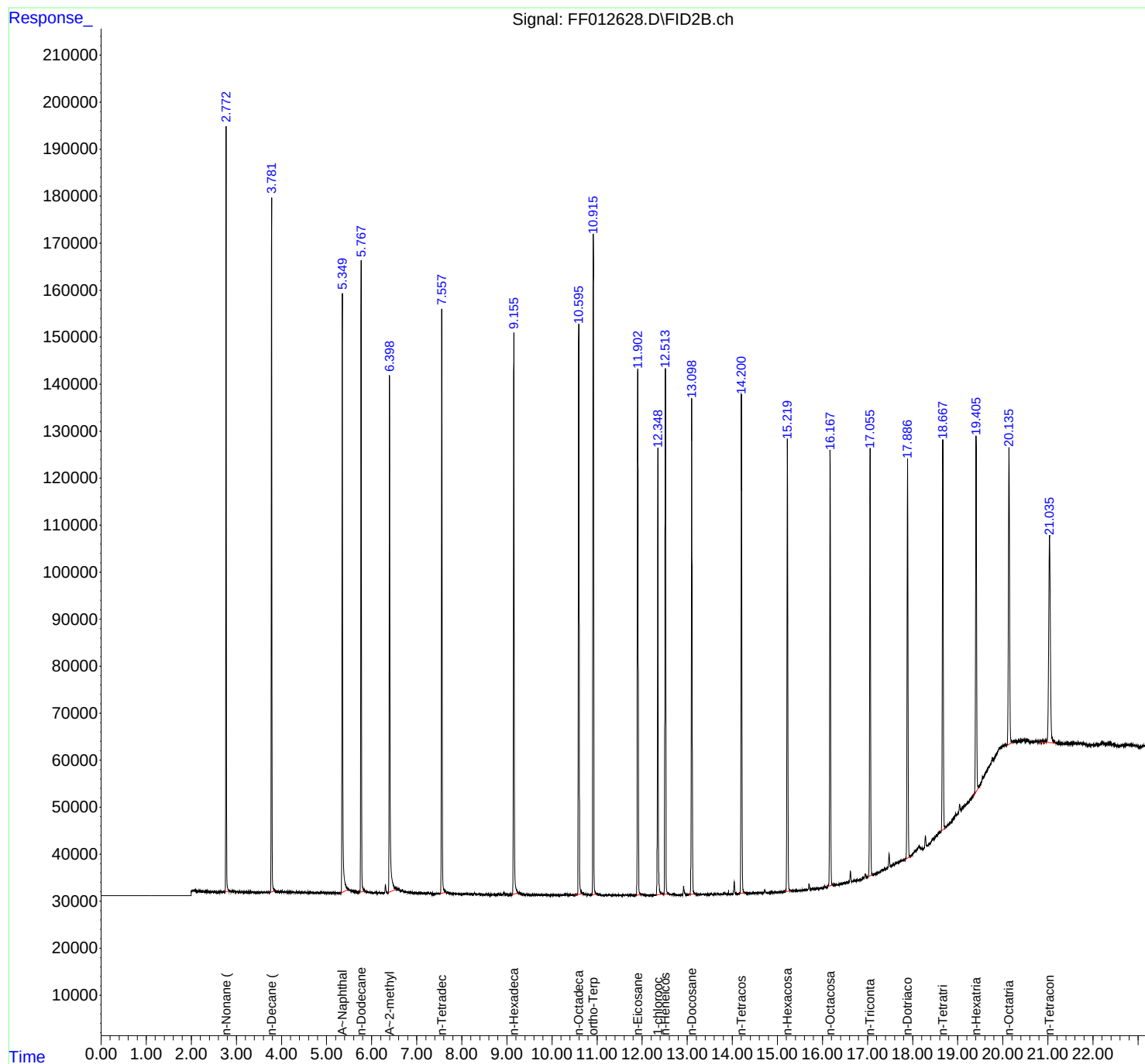
(m)=manual int.

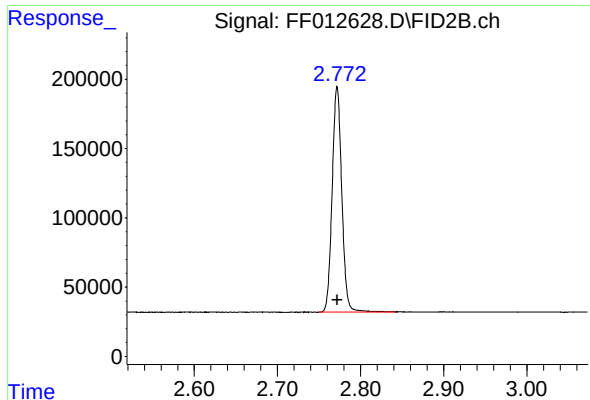
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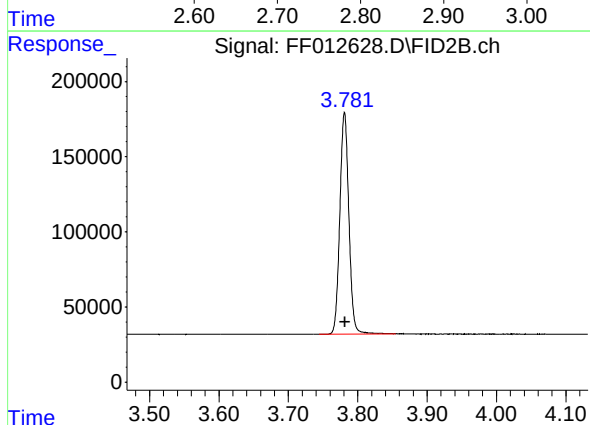




#1 n-Nonane (C9)

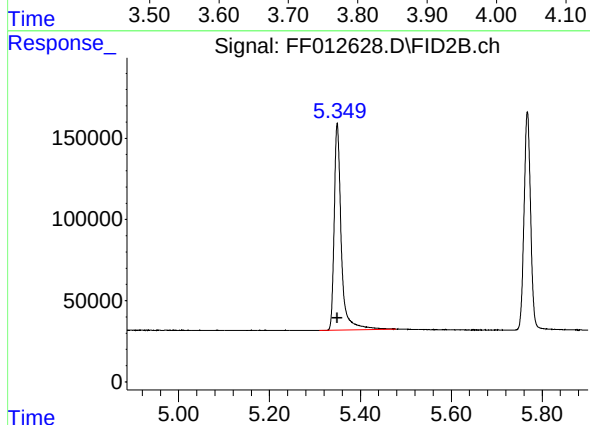
R.T.: 2.772 min
Delta R.T.: 0.000 min
Response: 1308399
Conc: 10.07 ug/ml

Instrument :
FID_F
ClientSampleId :
10 PPM ALIPHATIC HC STD4



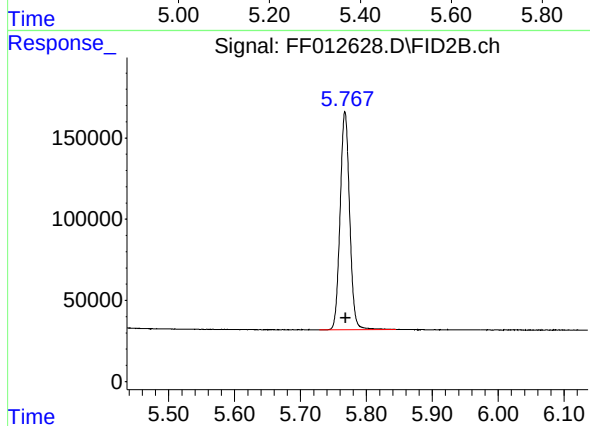
#2 n-Decane (C10)

R.T.: 3.781 min
Delta R.T.: 0.000 min
Response: 1331584
Conc: 9.99 ug/ml



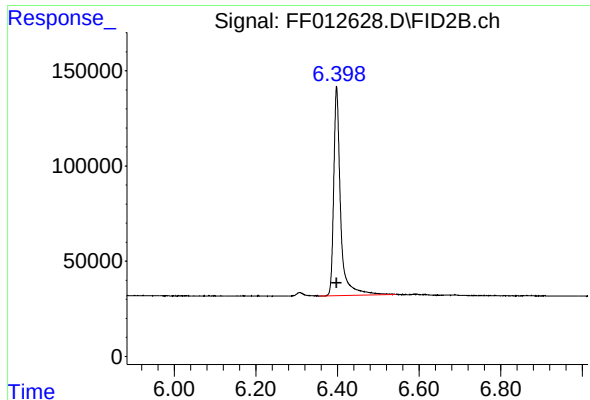
#3 A~Naphthalene (C11.7)

R.T.: 5.349 min
Delta R.T.: 0.000 min
Response: 1373418
Conc: 9.52 ug/ml



#4 n-Dodecane (C12)

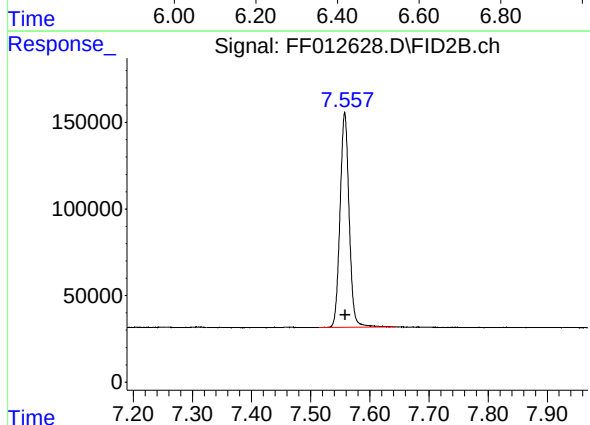
R.T.: 5.768 min
Delta R.T.: -0.001 min
Response: 1347834
Conc: 9.97 ug/ml



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

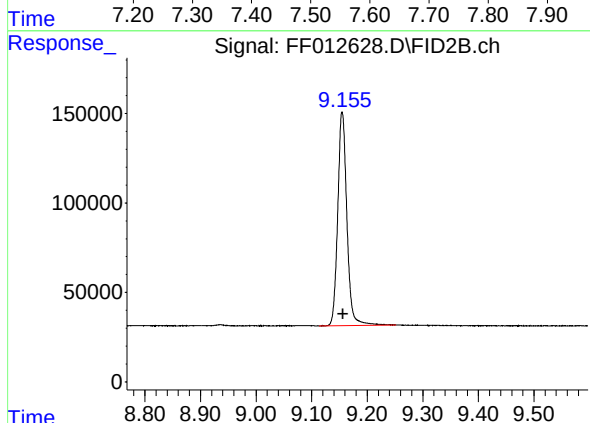
R.T.: 6.398 min
Delta R.T.: 0.000 min
Response: 1285602
Conc: 9.33 ug/ml

Instrument :
FID_F
ClientSampleId :
10 PPM ALIPHATIC HC STD4



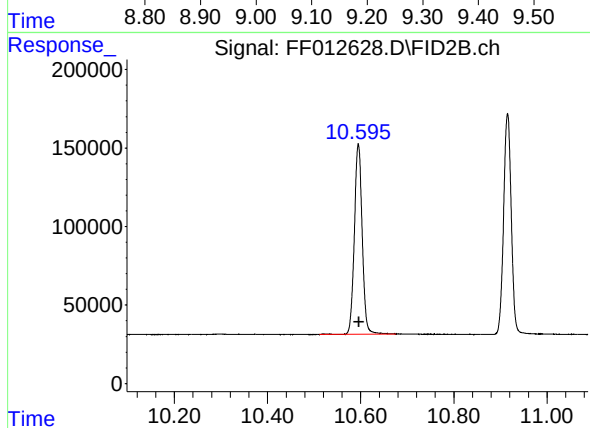
#6 n-Tetradecane (C14)

R.T.: 7.558 min
Delta R.T.: 0.000 min
Response: 1327852
Conc: 9.87 ug/ml



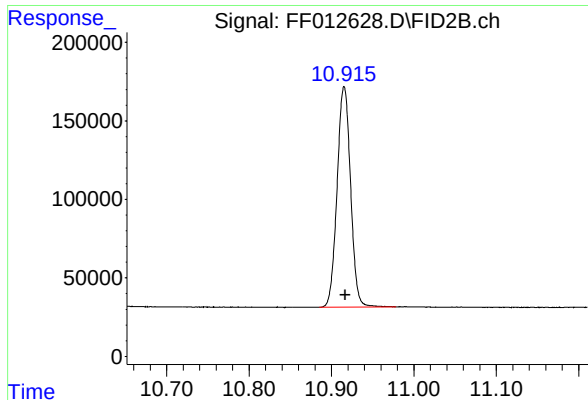
#7 n-Hexadecane (C16)

R.T.: 9.155 min
Delta R.T.: -0.002 min
Response: 1366064
Conc: 9.79 ug/ml



#8 n-Octadecane (C18)

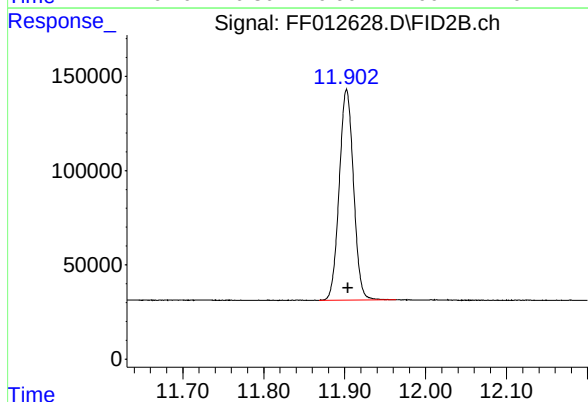
R.T.: 10.595 min
Delta R.T.: -0.001 min
Response: 1416416
Conc: 9.98 ug/ml



#9 ortho-Terphenyl (SURR)

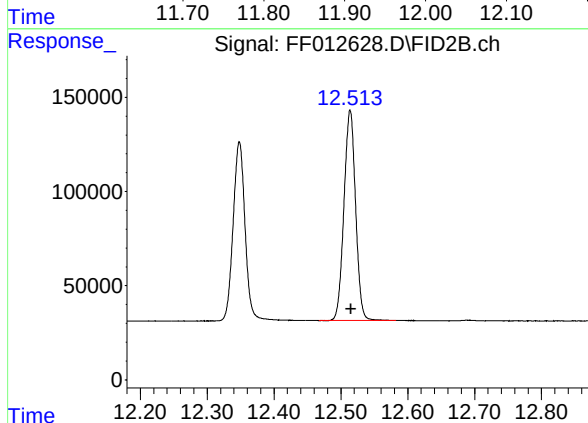
R.T.: 10.915 min
Delta R.T.: -0.001 min
Response: 1598431
Conc: 10.07 ug/ml

Instrument :
FID_F
ClientSampleId :
10 PPM ALIPHATIC HC STD4



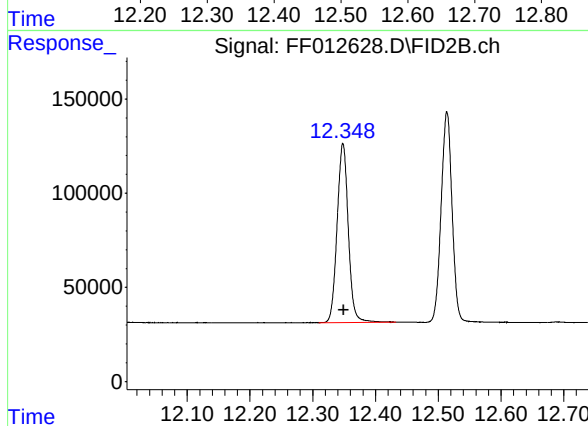
#10 n-Eicosane (C20)

R.T.: 11.902 min
Delta R.T.: -0.001 min
Response: 1369987
Conc: 10.03 ug/ml



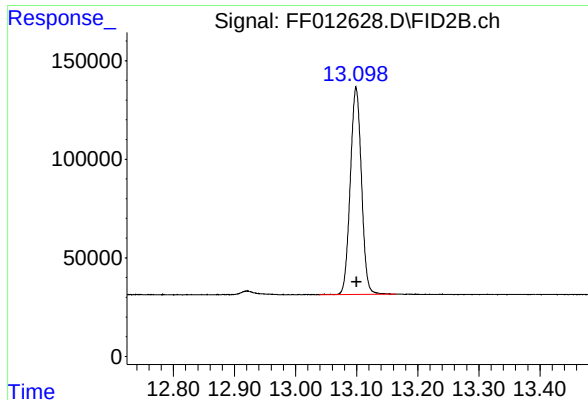
#11 n-Heneicosane (C21)

R.T.: 12.514 min
Delta R.T.: -0.001 min
Response: 1350702
Conc: 10.08 ug/ml



#12 1-chlorooctadecane (SURR)

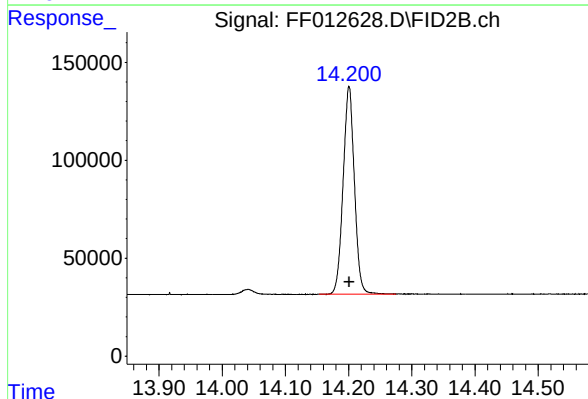
R.T.: 12.348 min
Delta R.T.: -0.001 min
Response: 1178240
Conc: 9.99 ug/ml



#13 n-Docosane (C22)

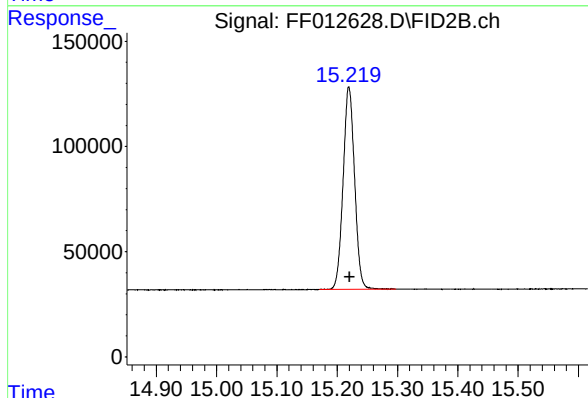
R.T.: 13.099 min
Delta R.T.: 0.000 min
Response: 1335934
Conc: 10.06 ug/ml

Instrument :
FID_F
ClientSampleId :
10 PPM ALIPHATIC HC STD4



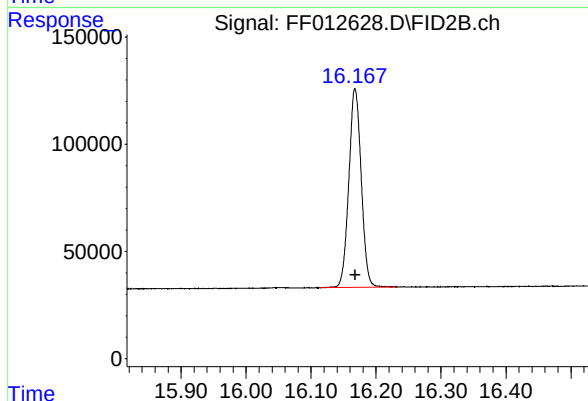
#14 n-Tetracosane (C24)

R.T.: 14.201 min
Delta R.T.: 0.000 min
Response: 1315720
Conc: 10.09 ug/ml



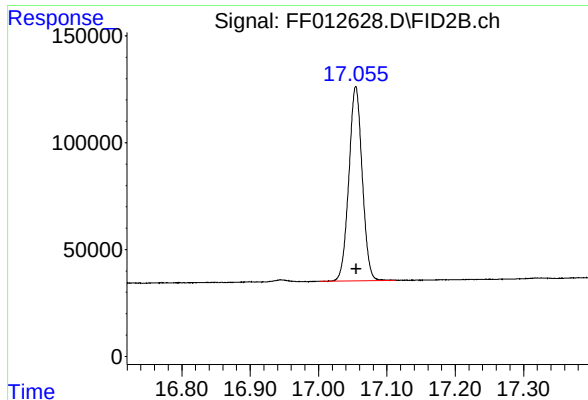
#15 n-Hexacosane (C26)

R.T.: 15.219 min
Delta R.T.: -0.001 min
Response: 1273479
Conc: 10.11 ug/ml



#16 n-Octacosane (C28)

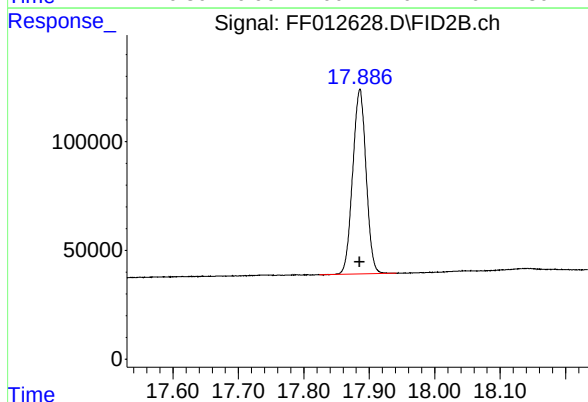
R.T.: 16.168 min
Delta R.T.: 0.000 min
Response: 1225935
Conc: 10.12 ug/ml



#17 n-Tricontane (C30)

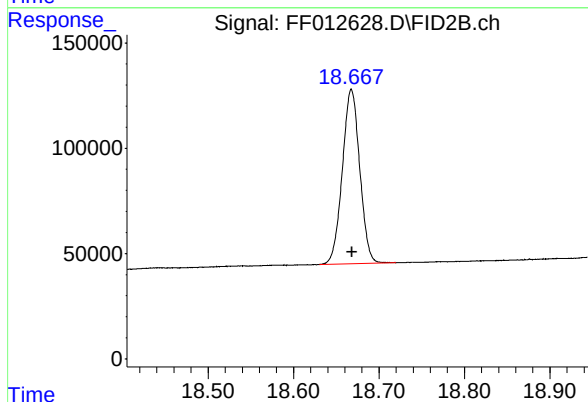
R.T.: 17.055 min
Delta R.T.: 0.000 min
Response: 1234305
Conc: 10.24 ug/ml

Instrument :
FID_F
ClientSampleId :
10 PPM ALIPHATIC HC STD4



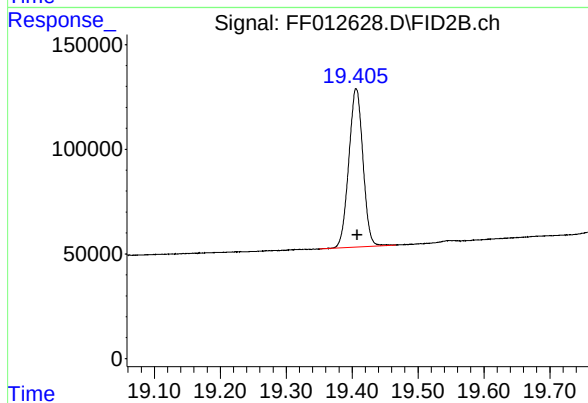
#18 n-Dotriacontane (C32)

R.T.: 17.886 min
Delta R.T.: 0.000 min
Response: 1210362
Conc: 10.32 ug/ml



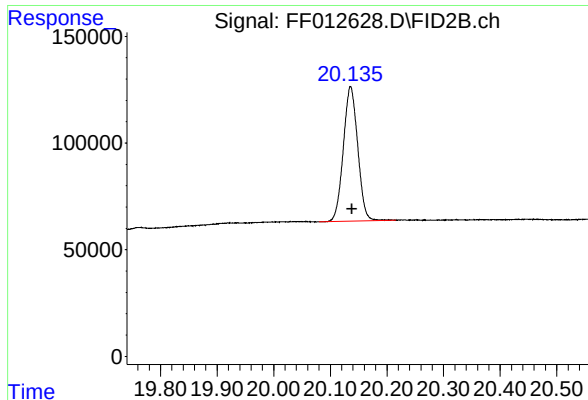
#19 n-Tetatriacontane (C34)

R.T.: 18.668 min
Delta R.T.: 0.000 min
Response: 1171128
Conc: 10.27 ug/ml



#20 n-Hexatriacontane (C36)

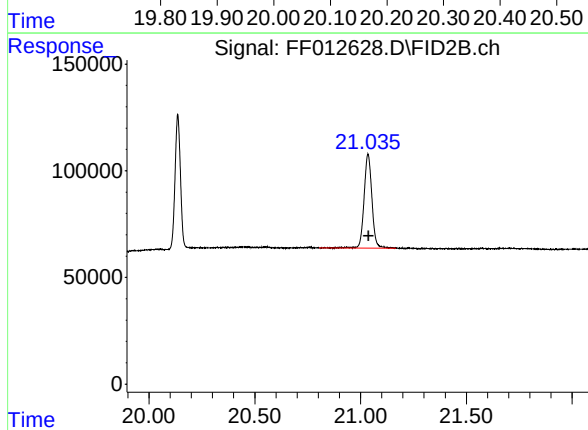
R.T.: 19.406 min
Delta R.T.: -0.002 min
Response: 1131279
Conc: 10.23 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.136 min
Delta R.T.: -0.003 min
Response: 1115538
Conc: 10.14 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.035 min
Delta R.T.: -0.003 min
Response: 1141844
Conc: 10.57 ug/ml