

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF121024AL\
 Data File : FF015161.D
 Signal(s) : FID2B.ch
 Acq On : 10 Dec 2024 16:10
 Operator : YP\AJ
 Sample : 10 PPM ALIPHATIC HC STD4
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 10 PPM ALIPHATIC HC STD4

Integration File: autoint1.e
 Quant Time: Dec 10 16:53:25 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aliphatic EPH 121024.M
 Quant Title : GC Extractables
 QLast Update : Tue Dec 10 16:48:15 2024
 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)	11.917	1433207	10.610 ug/ml
Spiked Amount 50.000		Recovery =	21.22%
12) S 1-chlorooctadecane (S...	13.353	964129	10.320 ug/ml
Spiked Amount 50.000		Recovery =	20.64%
Target Compounds			
1) T n-Nonane (C9)	3.318	1328460	10.713 ug/ml
2) T n-Decane (C10)	4.567	1350097	10.706 ug/ml
3) T A~Naphthalene (C11.7)	6.266	1417526	10.601 ug/ml
4) T n-Dodecane (C12)	6.727	1353555	10.692 ug/ml
5) T A~2-methylnaphthalene...	7.359	1338555	10.545 ug/ml
6) T n-Tetradecane (C14)	8.551	1330703	10.657 ug/ml
7) T n-Hexadecane (C16)	10.157	1355911	10.634 ug/ml
8) T n-Octadecane (C18)	11.599	1358236	10.610 ug/ml
10) T n-Eicosane (C20)	12.909	1266664	10.579 ug/ml
11) T n-Heneicosane (C21)	13.521	1234925	10.572 ug/ml
13) T n-Docosane (C22)	14.107	1218704	10.570 ug/ml
14) T n-Tetracosane (C24)	15.210	1232696	10.741 ug/ml
15) T n-Hexacosane (C26)	16.231	1173132	10.611 ug/ml
16) T n-Octacosane (C28)	17.181	1158446	10.710 ug/ml
17) T n-Tricontane (C30)	18.069	1200124	10.951 ug/ml
18) T n-Dotriacontane (C32)	18.901	1152774	11.013 ug/ml
19) T n-Tetratriacontane (C34)	19.685	1007145	11.025 ug/ml
20) T n-Hexatriacontane (C36)	20.425	825210	10.872 ug/ml
21) T n-Octatriacontane (C38)	21.161	735535	11.012 ug/ml
22) T n-Tetracontane (C40)	22.070	646628	11.381 ug/ml

(f)=RT Delta > 1/2 Window

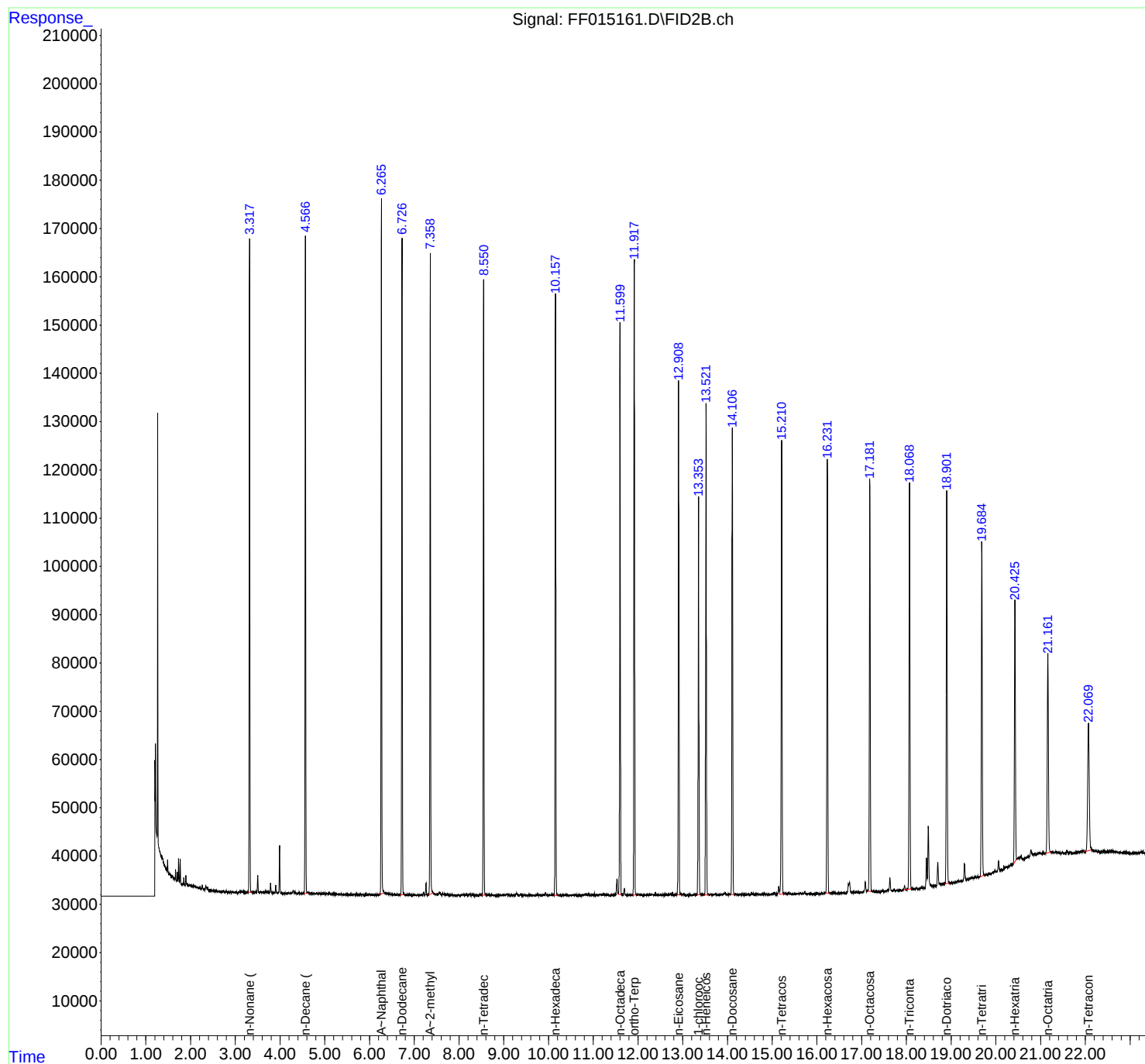
(m)=manual int.

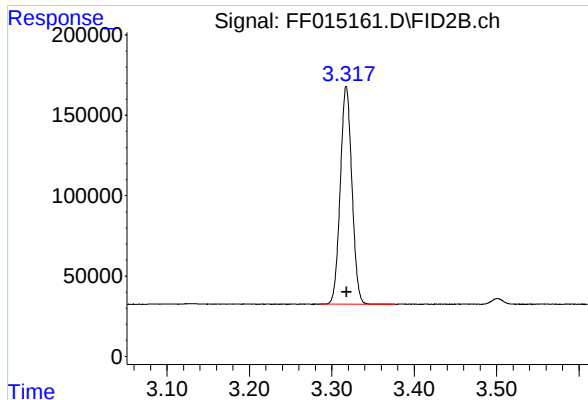
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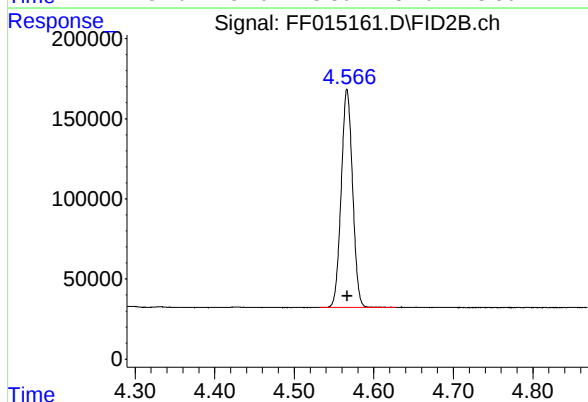




#1 n-Nonane (C9)

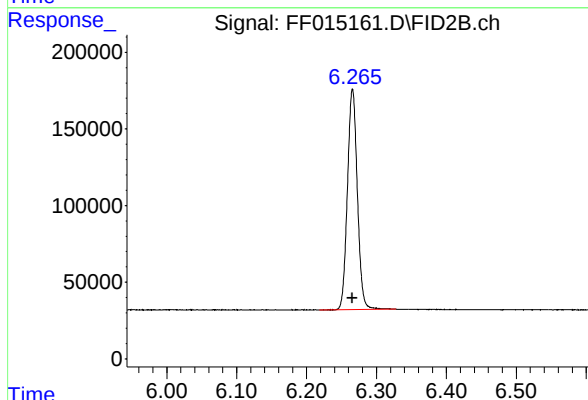
R.T.: 3.318 min
Delta R.T.: 0.000 min
Response: 1328460
Conc: 10.71 ug/ml

Instrument :
FID_F
ClientSampleId :
10 PPM ALIPHATIC HC STD4



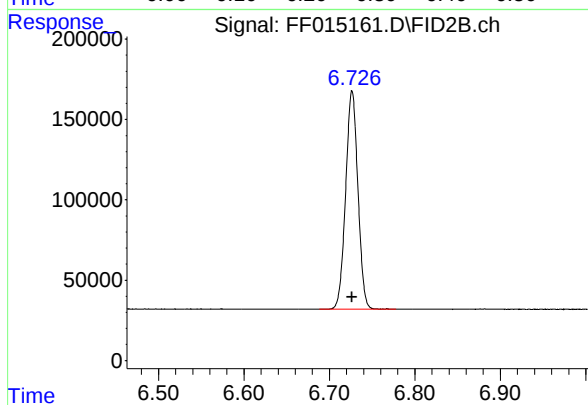
#2 n-Decane (C10)

R.T.: 4.567 min
Delta R.T.: 0.000 min
Response: 1350097
Conc: 10.71 ug/ml



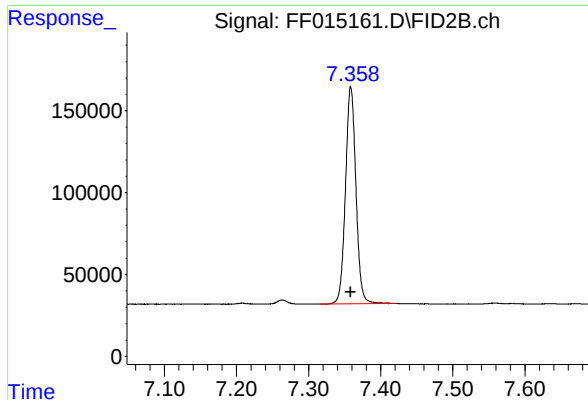
#3 A~Naphthalene (C11.7)

R.T.: 6.266 min
Delta R.T.: 0.000 min
Response: 1417526
Conc: 10.60 ug/ml



#4 n-Dodecane (C12)

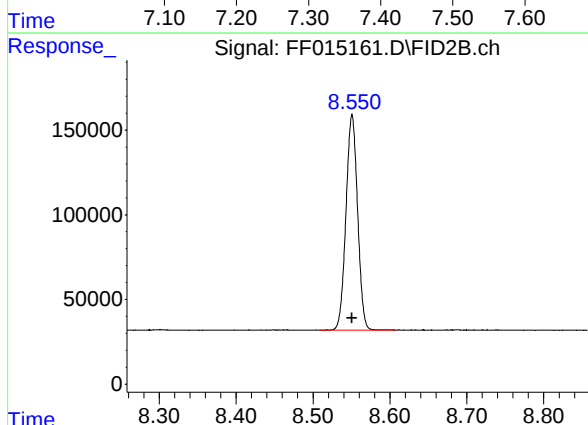
R.T.: 6.727 min
Delta R.T.: 0.000 min
Response: 1353555
Conc: 10.69 ug/ml



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

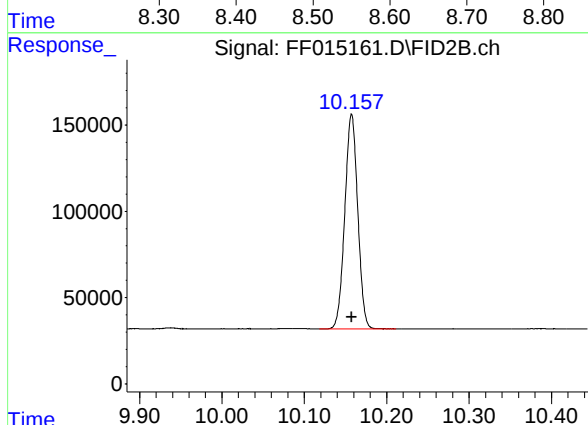
R.T.: 7.359 min
Delta R.T.: 0.000 min
Response: 1338555
Conc: 10.55 ug/ml

Instrument :
FID_F
ClientSampleId :
10 PPM ALIPHATIC HC STD4



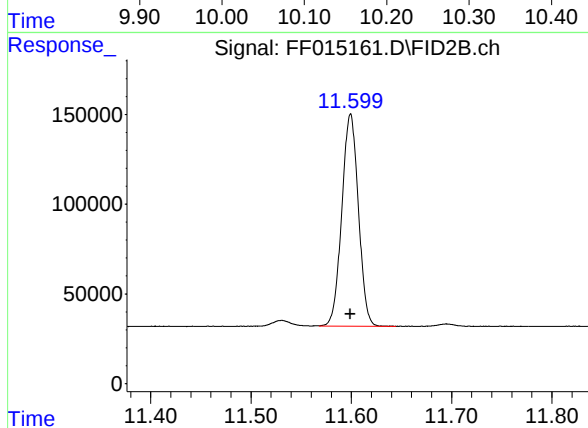
#6 n-Tetradecane (C14)

R.T.: 8.551 min
Delta R.T.: 0.000 min
Response: 1330703
Conc: 10.66 ug/ml



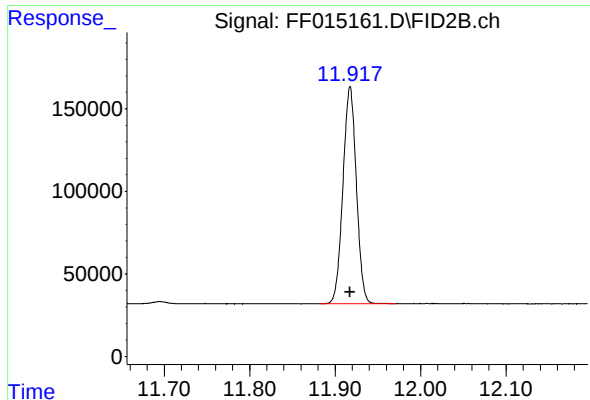
#7 n-Hexadecane (C16)

R.T.: 10.157 min
Delta R.T.: 0.000 min
Response: 1355911
Conc: 10.63 ug/ml



#8 n-Octadecane (C18)

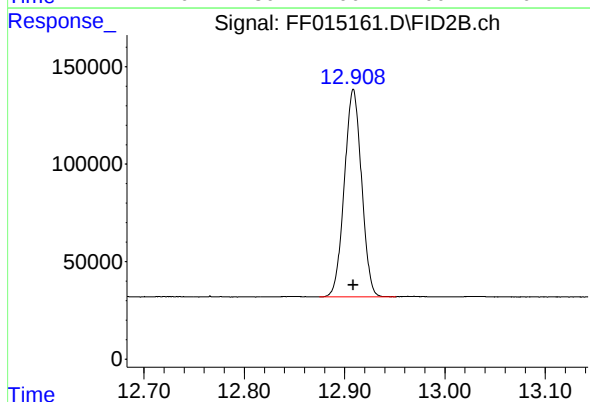
R.T.: 11.599 min
Delta R.T.: 0.000 min
Response: 1358236
Conc: 10.61 ug/ml



#9 ortho-Terphenyl (SURR)

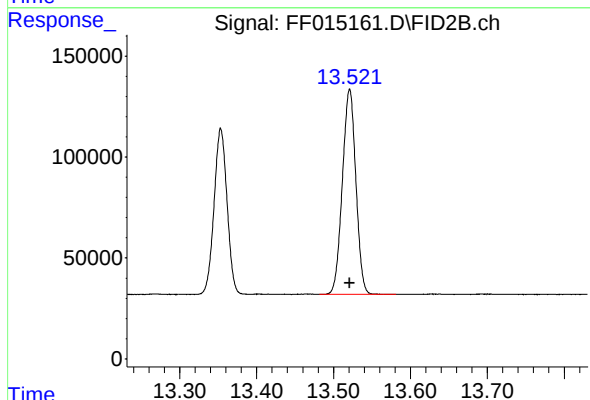
R.T.: 11.917 min
Delta R.T.: 0.000 min
Response: 1433207
Conc: 10.61 ug/ml

Instrument :
FID_F
ClientSampleId :
10 PPM ALIPHATIC HC STD4



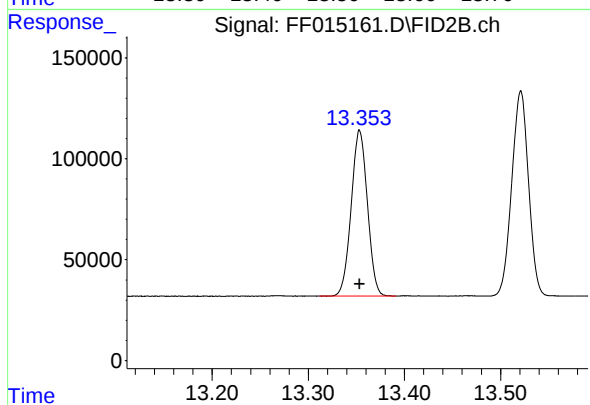
#10 n-Eicosane (C20)

R.T.: 12.909 min
Delta R.T.: 0.000 min
Response: 1266664
Conc: 10.58 ug/ml



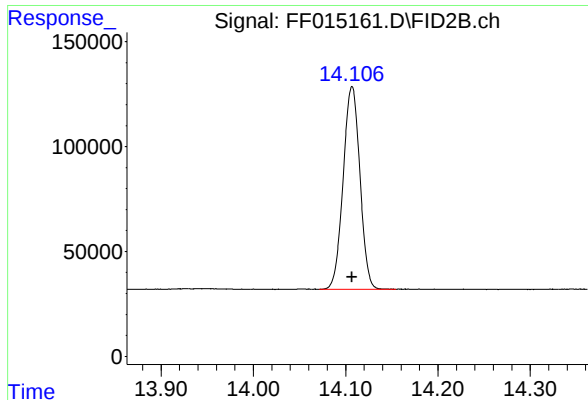
#11 n-Heneicosane (C21)

R.T.: 13.521 min
Delta R.T.: 0.000 min
Response: 1234925
Conc: 10.57 ug/ml



#12 1-chlorooctadecane (SURR)

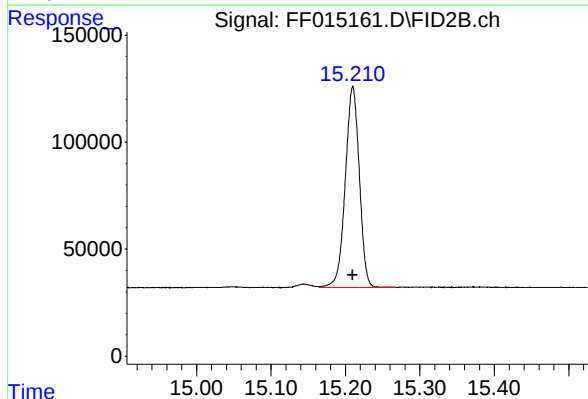
R.T.: 13.353 min
Delta R.T.: 0.000 min
Response: 964129
Conc: 10.32 ug/ml



#13 n-Docosane (C22)

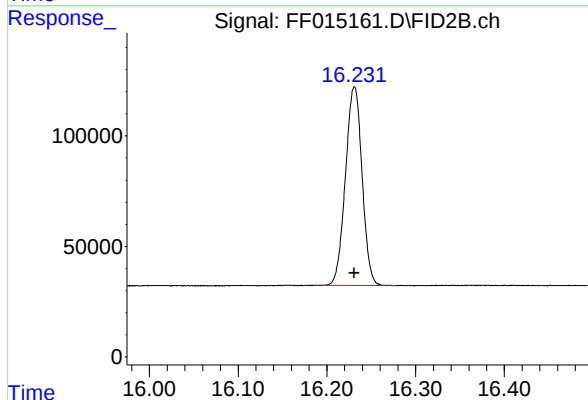
R.T.: 14.107 min
Delta R.T.: 0.000 min
Response: 1218704
Conc: 10.57 ug/ml

Instrument :
FID_F
ClientSampleId :
10 PPM ALIPHATIC HC STD4



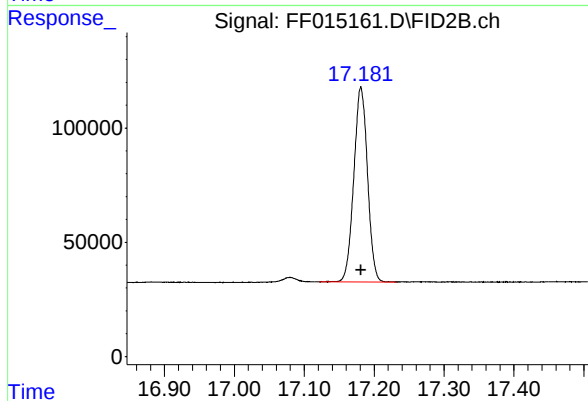
#14 n-Tetracosane (C24)

R.T.: 15.210 min
Delta R.T.: 0.000 min
Response: 1232696
Conc: 10.74 ug/ml



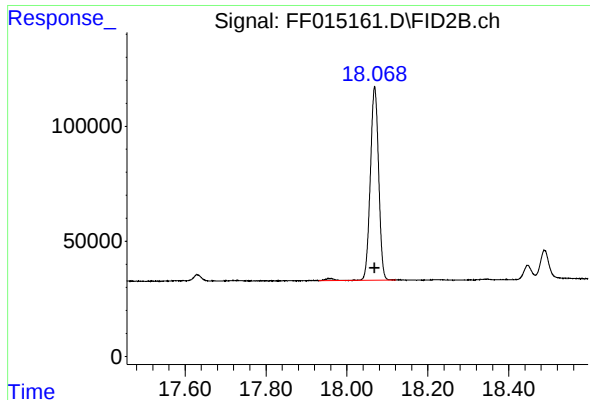
#15 n-Hexacosane (C26)

R.T.: 16.231 min
Delta R.T.: 0.000 min
Response: 1173132
Conc: 10.61 ug/ml



#16 n-Octacosane (C28)

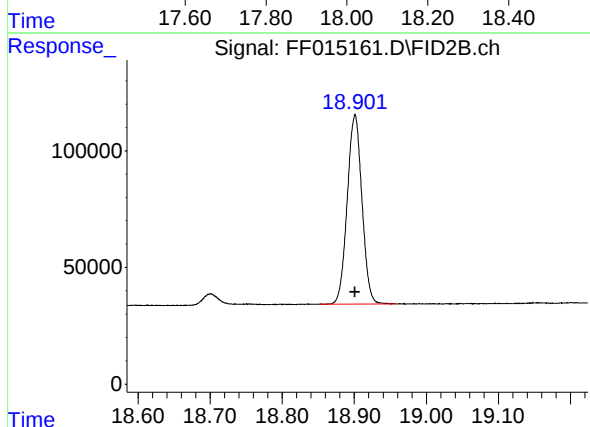
R.T.: 17.181 min
Delta R.T.: 0.000 min
Response: 1158446
Conc: 10.71 ug/ml



#17 n-Tricontane (C30)

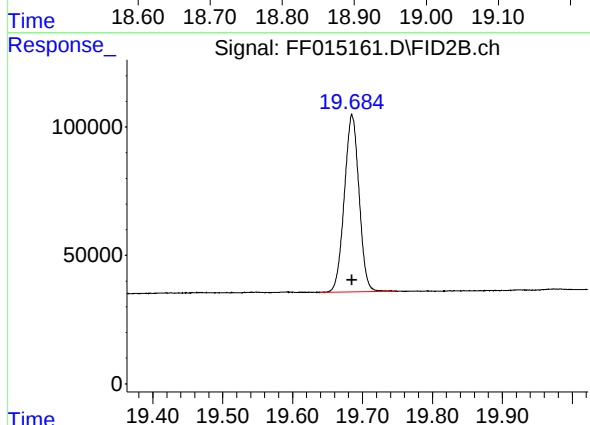
R.T.: 18.069 min
Delta R.T.: 0.000 min
Response: 1200124
Conc: 10.95 ug/ml

Instrument :
FID_F
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10 PPM ALIPHATIC HC STD4



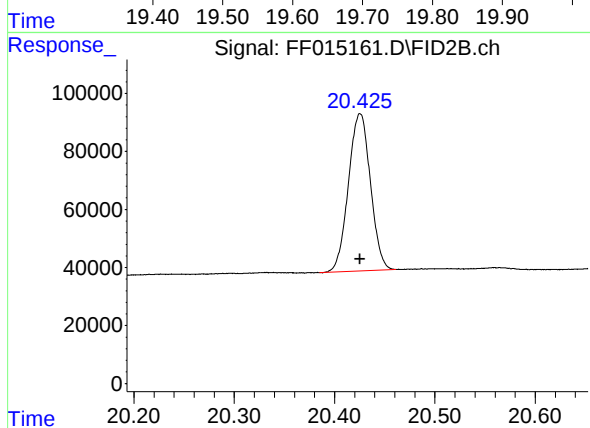
#18 n-Dotriacontane (C32)

R.T.: 18.901 min
Delta R.T.: 0.000 min
Response: 1152774
Conc: 11.01 ug/ml



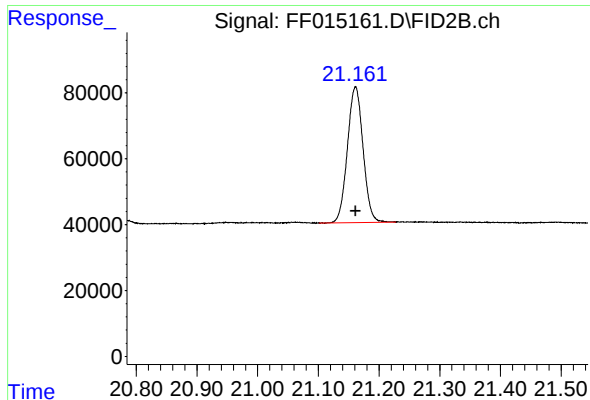
#19 n-Tetatriacontane (C34)

R.T.: 19.685 min
Delta R.T.: 0.000 min
Response: 1007145
Conc: 11.02 ug/ml



#20 n-Hexatriacontane (C36)

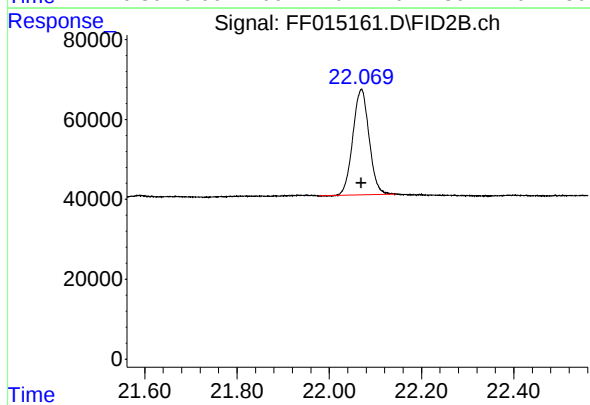
R.T.: 20.425 min
Delta R.T.: 0.000 min
Response: 825210
Conc: 10.87 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.161 min
Delta R.T.: 0.000 min
Response: 735535
Conc: 11.01 ug/ml

Instrument :
FID_F
ClientSampleId :
10 PPM ALIPHATIC HC STD4



#22 n-Tetracontane (C40)

R.T.: 22.070 min
Delta R.T.: 0.000 min
Response: 646628
Conc: 11.38 ug/ml