

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG051923AL\
 Data File : FG011888.D
 Signal(s) : FID1A.ch
 Acq On : 19 May 2023 11:04
 Operator : YP\AJ
 Sample : 50 PPM ALIPHATIC HC STD2
 Misc :
 ALS Vial : 62 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 50 PPM ALIPHATIC HC STD2

Integration File: autoint1.e
 Quant Time: May 19 12:08:07 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 051923.M
 Quant Title : GC Extractables
 QLast Update : Fri May 19 12:02:22 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)	10.929	7639208	48.361 ug/ml
Spiked Amount 50.000		Recovery =	96.72%
12) S 1-chlorooctadecane (S...	12.367	5799785	48.503 ug/ml
Spiked Amount 50.000		Recovery =	97.01%
Target Compounds			
1) T n-Nonane (C9)	2.761	5588119	48.285 ug/ml
2) T n-Decane (C10)	3.773	5732641	48.209 ug/ml
3) T A~Naphthalene (C11.7)	5.341	6442691	48.355 ug/ml
4) T n-Dodecane (C12)	5.767	5856976	48.258 ug/ml
5) T A~2-methylnaphthalene...	6.393	6307380	48.394 ug/ml
6) T n-Tetradecane (C14)	7.562	5952507	48.366 ug/ml
7) T n-Hexadecane (C16)	9.166	6346750	48.338 ug/ml
8) T n-Octadecane (C18)	10.611	6622921	48.293 ug/ml
10) T n-Eicosane (C20)	11.922	6567531	48.442 ug/ml
11) T n-Heneicosane (C21)	12.535	6537581	48.414 ug/ml
13) T n-Docosane (C22)	13.122	6579359	48.433 ug/ml
14) T n-Tetracosane (C24)	14.228	6633041	48.506 ug/ml
15) T n-Hexacosane (C26)	15.251	6498250	48.439 ug/ml
16) T n-Octacosane (C28)	16.202	6264935	48.000 ug/ml
17) T n-Tricontane (C30)	17.091	6223484	47.679 ug/ml
18) T n-Dotriacontane (C32)	17.925	6009165	47.448 ug/ml
19) T n-Tetratriacontane (C34)	18.710	5791062	47.750 ug/ml
20) T n-Hexatriacontane (C36)	19.451	5554467	48.383 ug/ml
21) T n-Octatriacontane (C38)	20.194	5412122	48.136 ug/ml
22) T n-Tetracontane (C40)	21.120	5275554	48.366 ug/ml

(f)=RT Delta > 1/2 Window

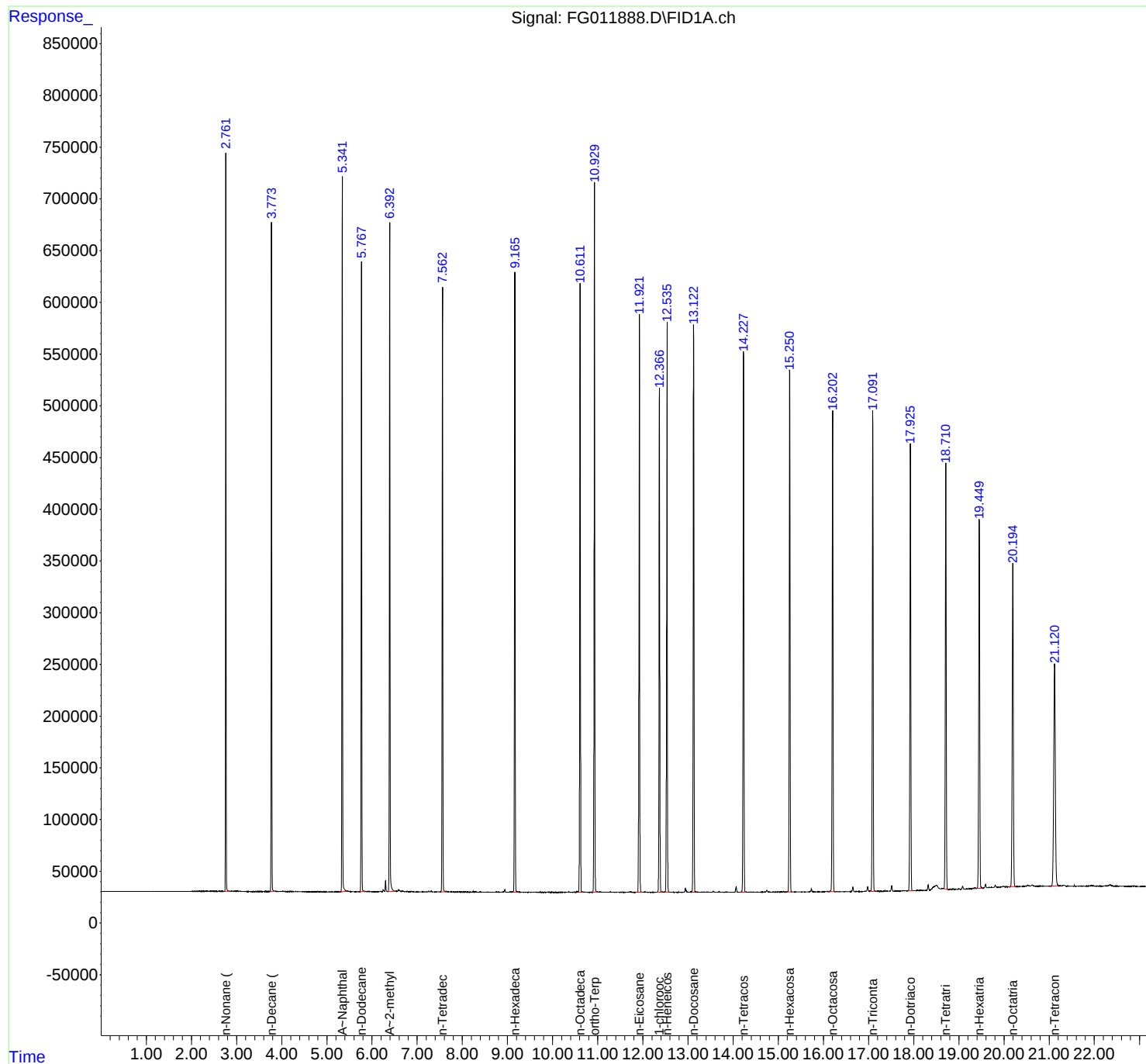
(m)=manual int.

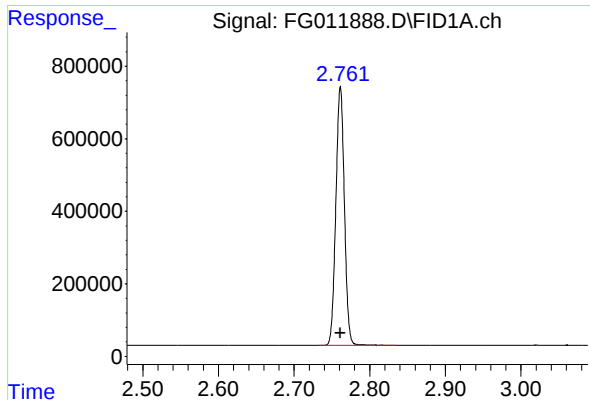
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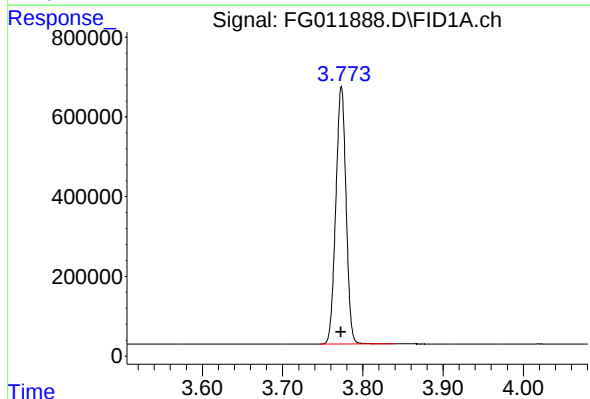




#1 n-Nonane (C9)

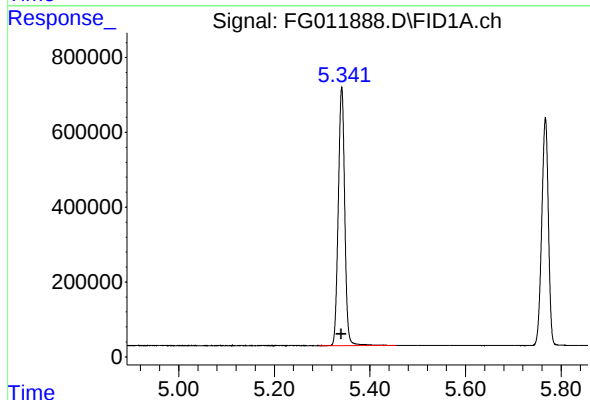
R.T.: 2.761 min
Delta R.T.: 0.000 min
Response: 5588119
Conc: 48.28 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM ALIPHATIC HC STD2



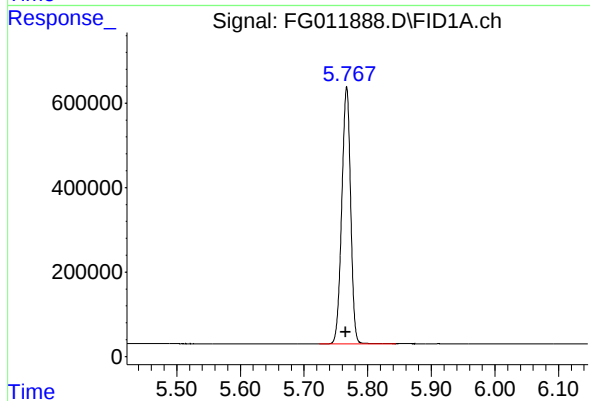
#2 n-Decane (C10)

R.T.: 3.773 min
Delta R.T.: 0.000 min
Response: 5732641
Conc: 48.21 ug/ml



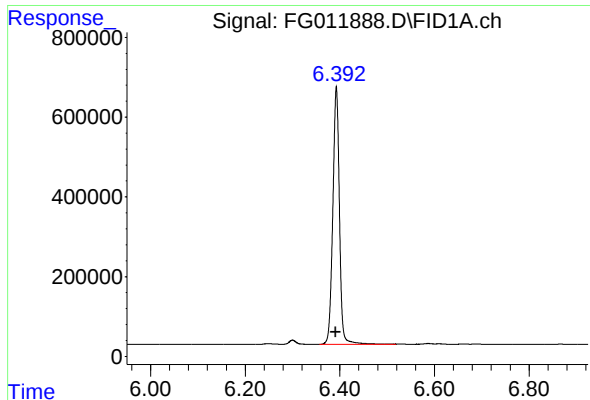
#3 A~Naphthalene (C11.7)

R.T.: 5.341 min
Delta R.T.: 0.001 min
Response: 6442691
Conc: 48.36 ug/ml



#4 n-Dodecane (C12)

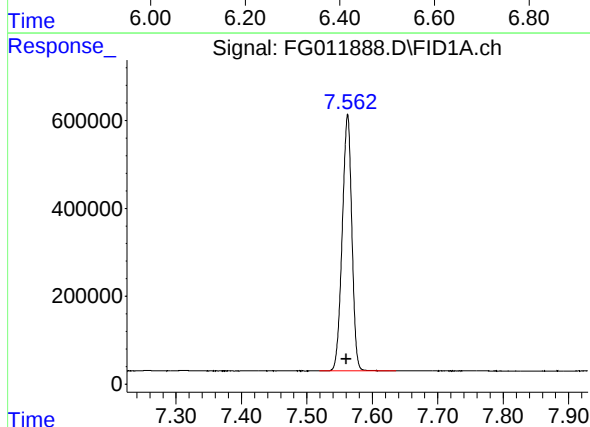
R.T.: 5.767 min
Delta R.T.: 0.002 min
Response: 5856976
Conc: 48.26 ug/ml



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

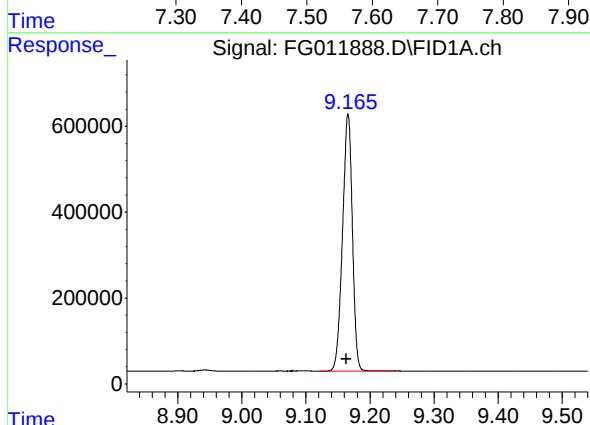
R.T.: 6.393 min
Delta R.T.: 0.002 min
Response: 6307380
Conc: 48.39 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM ALIPHATIC HC STD2



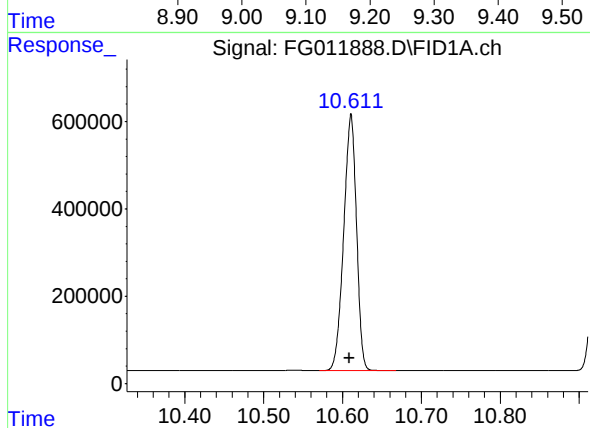
#6 n-Tetradecane (C14)

R.T.: 7.562 min
Delta R.T.: 0.002 min
Response: 5952507
Conc: 48.37 ug/ml



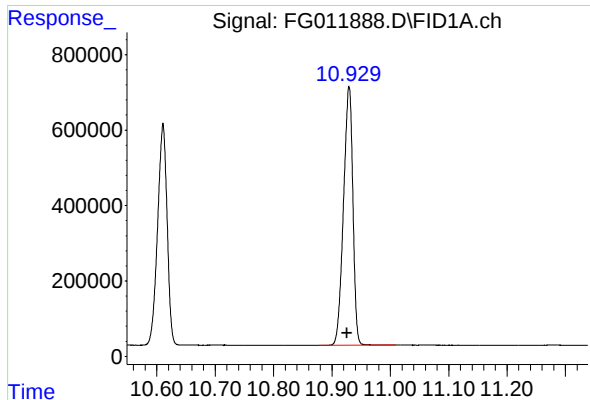
#7 n-Hexadecane (C16)

R.T.: 9.166 min
Delta R.T.: 0.003 min
Response: 6346750
Conc: 48.34 ug/ml



#8 n-Octadecane (C18)

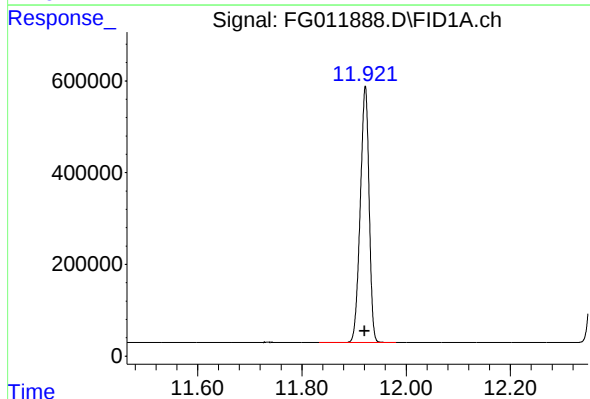
R.T.: 10.611 min
Delta R.T.: 0.002 min
Response: 6622921
Conc: 48.29 ug/ml



#9 ortho-Terphenyl (SURR)

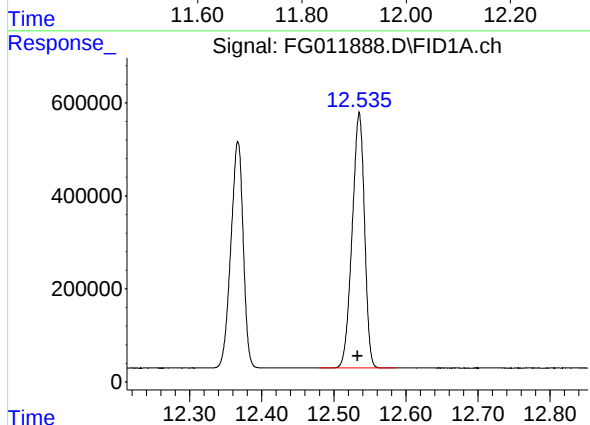
R.T.: 10.929 min
Delta R.T.: 0.004 min
Response: 7639208
Conc: 48.36 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM ALIPHATIC HC STD2



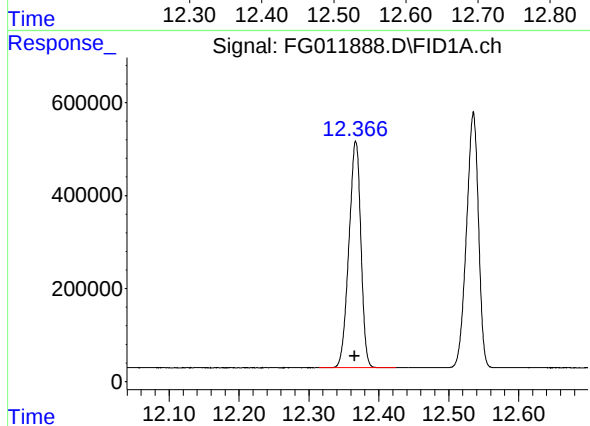
#10 n-Eicosane (C20)

R.T.: 11.922 min
Delta R.T.: 0.002 min
Response: 6567531
Conc: 48.44 ug/ml



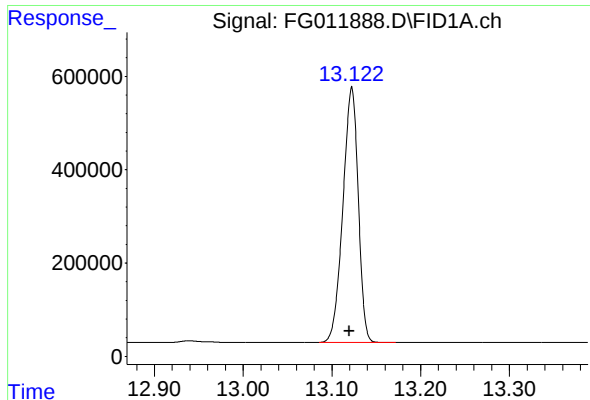
#11 n-Heneicosane (C21)

R.T.: 12.535 min
Delta R.T.: 0.002 min
Response: 6537581
Conc: 48.41 ug/ml



#12 1-chlorooctadecane (SURR)

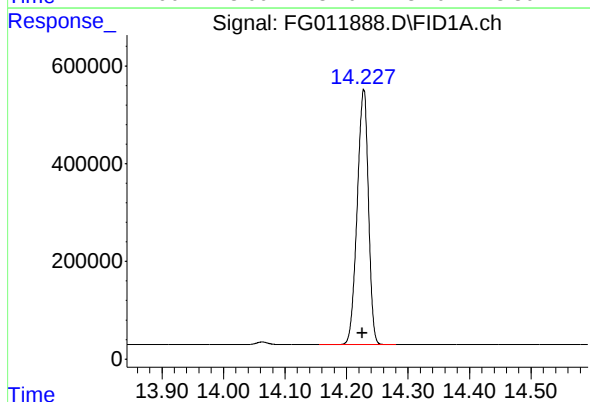
R.T.: 12.367 min
Delta R.T.: 0.002 min
Response: 5799785
Conc: 48.50 ug/ml



#13 n-Docosane (C22)

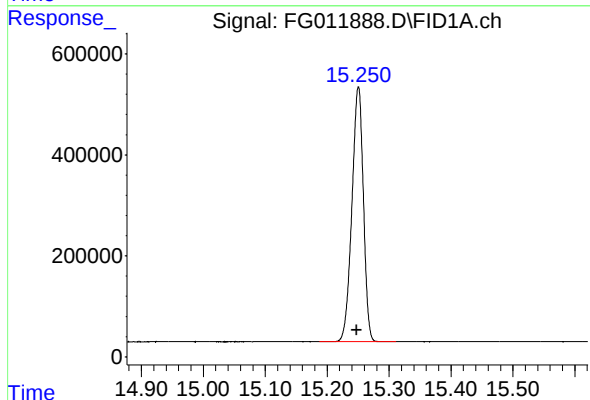
R.T.: 13.122 min
Delta R.T.: 0.002 min
Response: 6579359
Conc: 48.43 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM ALIPHATIC HC STD2



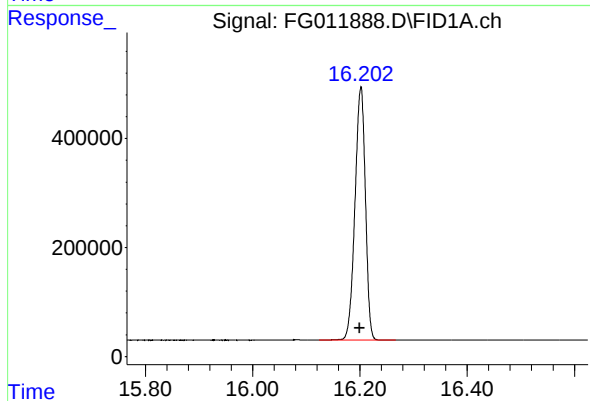
#14 n-Tetracosane (C24)

R.T.: 14.228 min
Delta R.T.: 0.002 min
Response: 6633041
Conc: 48.51 ug/ml



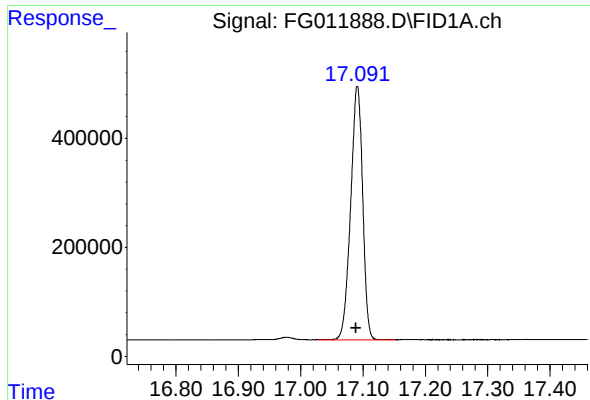
#15 n-Hexacosane (C26)

R.T.: 15.251 min
Delta R.T.: 0.003 min
Response: 6498250
Conc: 48.44 ug/ml



#16 n-Octacosane (C28)

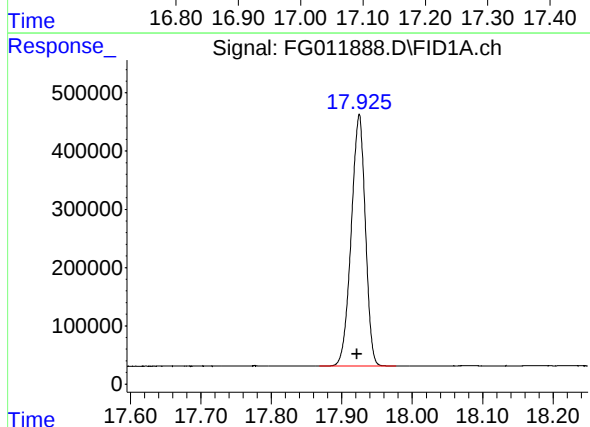
R.T.: 16.202 min
Delta R.T.: 0.002 min
Response: 6264935
Conc: 48.00 ug/ml



#17 n-Tricontane (C30)

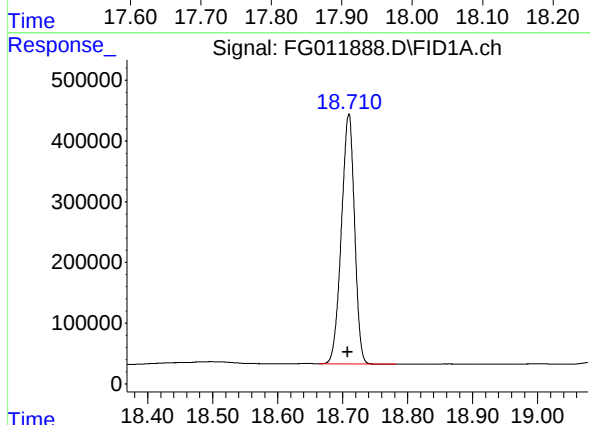
R.T.: 17.091 min
Delta R.T.: 0.002 min
Response: 6223484
Conc: 47.68 ug/ml

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FID_G
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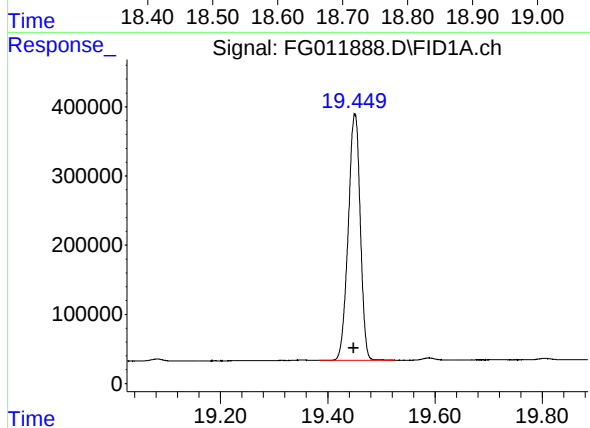
#18 n-Dotriacontane (C32)

R.T.: 17.925 min
Delta R.T.: 0.004 min
Response: 6009165
Conc: 47.45 ug/ml



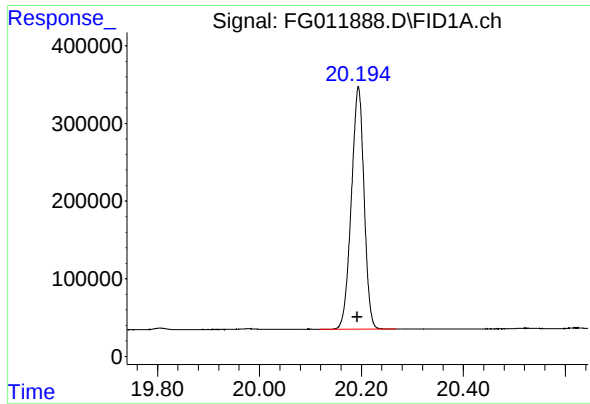
#19 n-Tetratriacontane (C34)

R.T.: 18.710 min
Delta R.T.: 0.002 min
Response: 5791062
Conc: 47.75 ug/ml



#20 n-Hexatriacontane (C36)

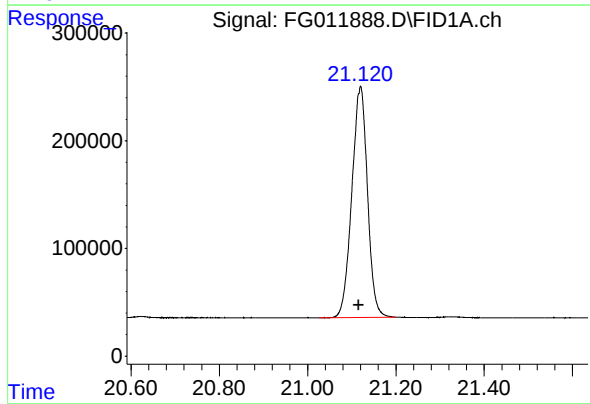
R.T.: 19.451 min
Delta R.T.: 0.002 min
Response: 5554467
Conc: 48.38 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.194 min
Delta R.T.: 0.003 min
Response: 5412122
Conc: 48.14 ug/ml

Instrument :
FID_G
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50 PPM ALIPHATIC HC STD2



#22 n-Tetracontane (C40)

R.T.: 21.120 min
Delta R.T.: 0.004 min
Response: 5275554
Conc: 48.37 ug/ml