

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF121421AL\
 Data File : FF009390.D
 Signal(s) : FID2B.ch
 Acq On : 14 Dec 2021 13:47
 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: autoint1.e
 Quant Time: Dec 14 14:46:06 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aliphatic EPH -FF121421.M
 Quant Title : GC Extractables
 QLast Update : Tue Dec 14 14:45:23 2021
 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)	10.748	6247434	47.428 ug/ml
Spiked Amount 50.000		Recovery =	94.86%
12) S 1-chlorooctadecane (S...	12.182	4991189	47.552 ug/ml
Spiked Amount 50.000		Recovery =	95.10%
Target Compounds			
1) T n-Nonane (C9)	2.643	5477861	47.807 ug/ml
2) T n-Decane (C10)	3.644	5508041	48.283 ug/ml
3) T A~Naphthalene (C11.7)	5.196	6102661	48.691 ug/ml
4) T n-Dodecane (C12)	5.622	5504569	47.414 ug/ml
5) T A~2-methylnaphthalene...	6.241	6099835	48.612 ug/ml
6) T n-Tetradecane (C14)	7.405	5526345	47.226 ug/ml
7) T n-Hexadecane (C16)	8.998	5607887	47.420 ug/ml
8) T n-Octadecane (C18)	10.435	5866204	47.218 ug/ml
10) T n-Eicosane (C20)	11.739	5914206	47.260 ug/ml
11) T n-Heneicosane (C21)	12.349	6043513	47.367 ug/ml
13) T n-Docosane (C22)	12.932	6037709	47.415 ug/ml
14) T n-Tetracosane (C24)	14.032	6097334	47.446 ug/ml
15) T n-Hexacosane (C26)	15.049	5928563	48.111 ug/ml
16) T n-Octacosane (C28)	15.995	5638874	49.476 ug/ml
17) T n-Tricontane (C30)	16.879	5152667	49.851 ug/ml
18) T n-Dotriacontane (C32)	17.708	4762764	47.960 ug/ml
19) T n-Tetratriacontane (C34)	18.489	4758384	47.456 ug/ml
20) T n-Hexatriacontane (C36)	19.226	4695381	47.591 ug/ml
21) T n-Octatriacontane (C38)	19.934	4763366	50.024 ug/ml
22) T n-Tetracontane (C40)	20.768	4229477	53.425 ug/ml

(f)=RT Delta > 1/2 Window

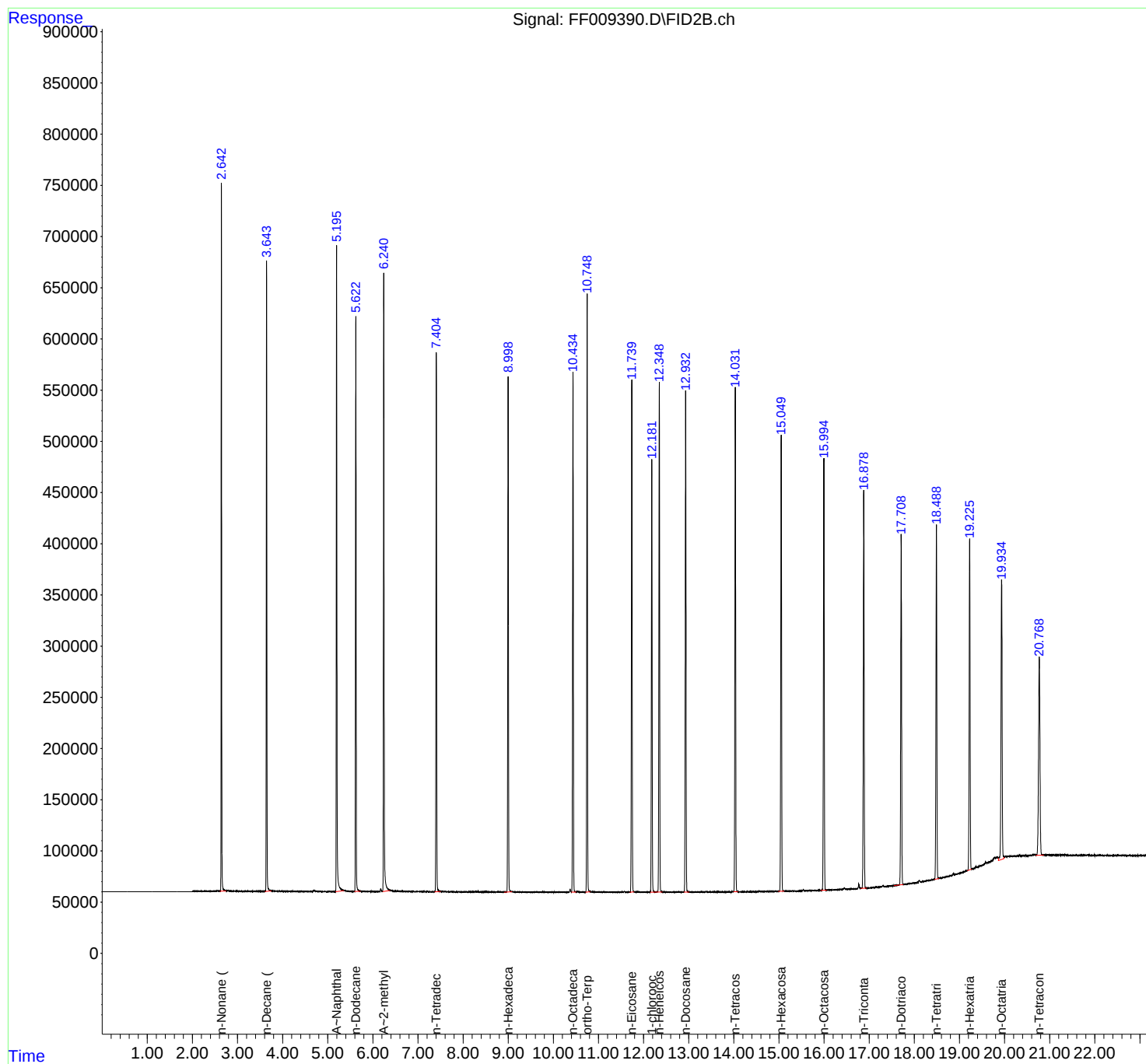
(m)=manual int.

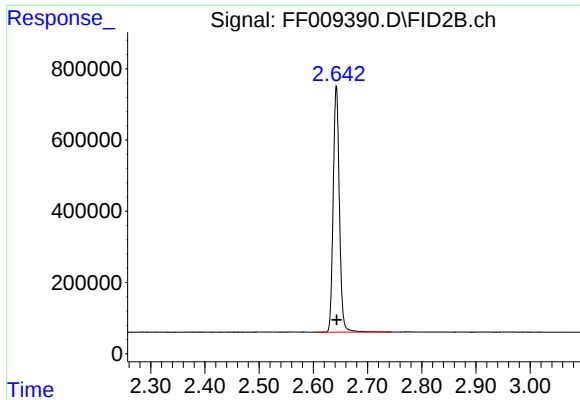
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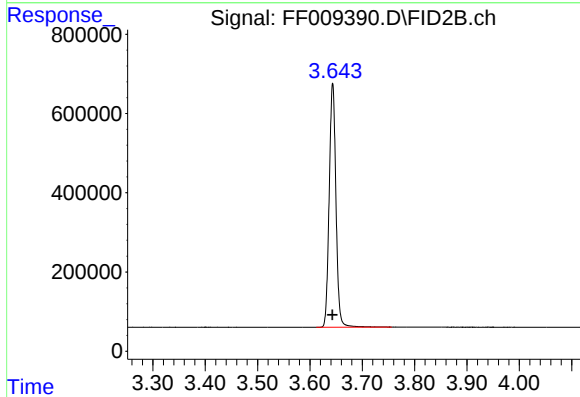




#1 n-Nonane (C9)

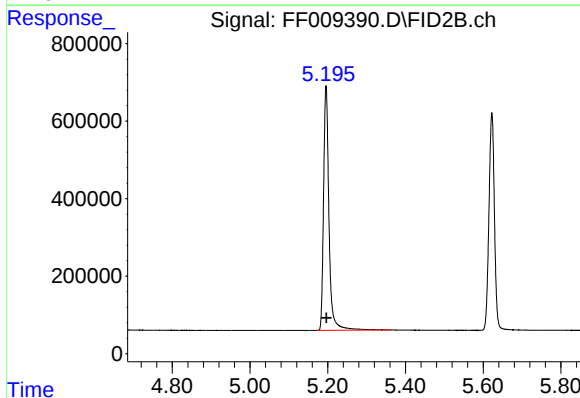
R.T.: 2.643 min
Delta R.T.: 0.000 min
Response: 5477861
Conc: 47.81 ug/ml

Instrument :
FID_F
ClientSampleId :
50 PPM ALIPHATIC HC STD2



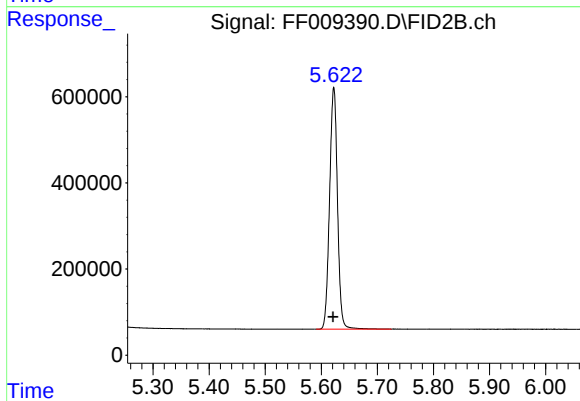
#2 n-Decane (C10)

R.T.: 3.644 min
Delta R.T.: 0.000 min
Response: 5508041
Conc: 48.28 ug/ml



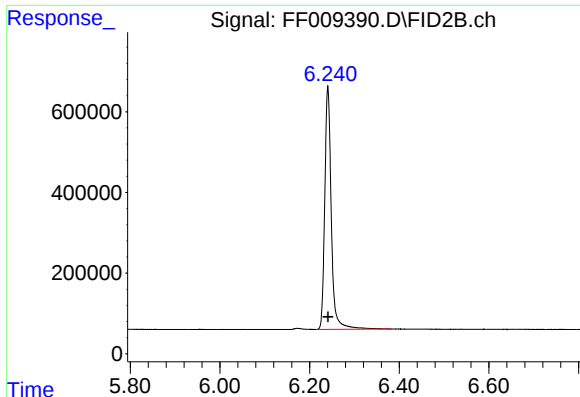
#3 A~Naphthalene (C11.7)

R.T.: 5.196 min
Delta R.T.: -0.001 min
Response: 6102661
Conc: 48.69 ug/ml



#4 n-Dodecane (C12)

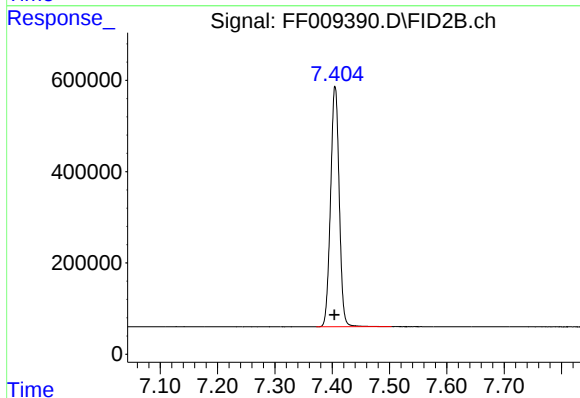
R.T.: 5.622 min
Delta R.T.: 0.001 min
Response: 5504569
Conc: 47.41 ug/ml



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

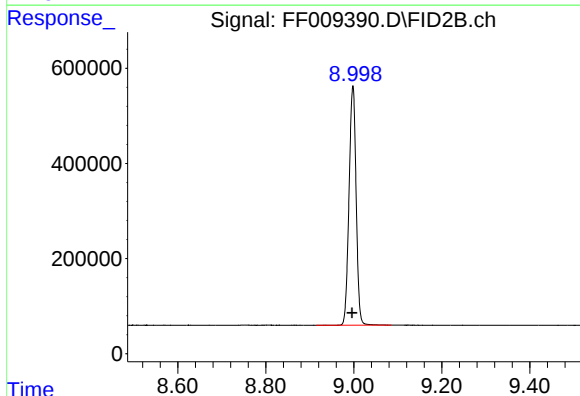
R.T.: 6.241 min
Delta R.T.: 0.000 min
Response: 6099835
Conc: 48.61 ug/ml

Instrument :
FID_F
ClientSampleId :
50 PPM ALIPHATIC HC STD2



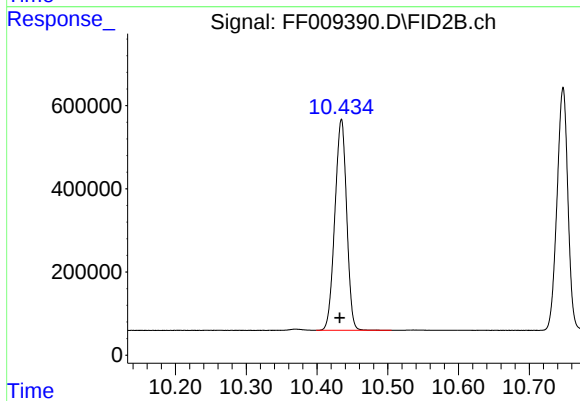
#6 n-Tetradecane (C14)

R.T.: 7.405 min
Delta R.T.: 0.001 min
Response: 5526345
Conc: 47.23 ug/ml



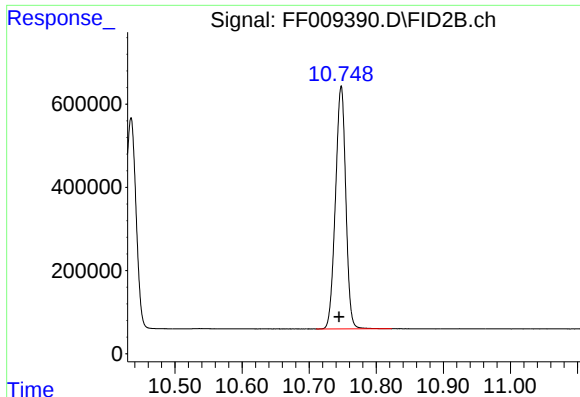
#7 n-Hexadecane (C16)

R.T.: 8.998 min
Delta R.T.: 0.002 min
Response: 5607887
Conc: 47.42 ug/ml



#8 n-Octadecane (C18)

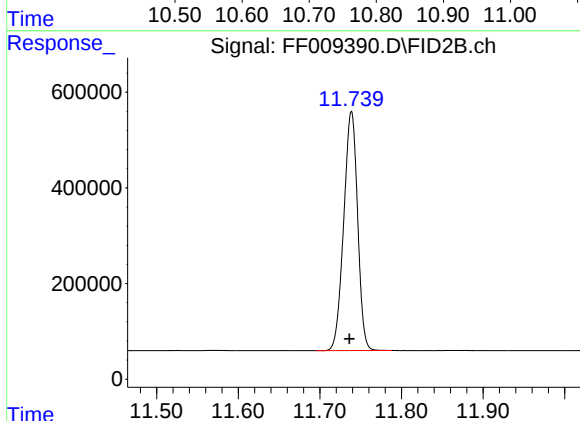
R.T.: 10.435 min
Delta R.T.: 0.003 min
Response: 5866204
Conc: 47.22 ug/ml



#9 ortho-Terphenyl (SURR)

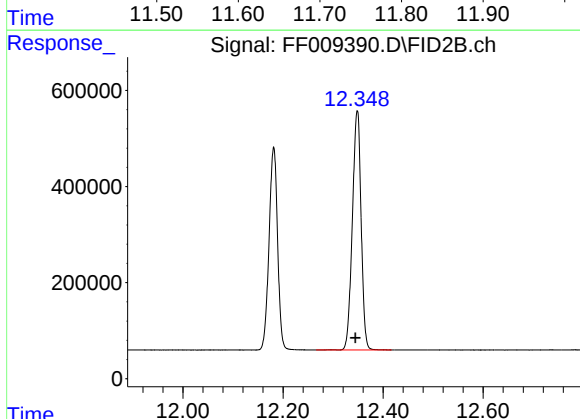
R.T.: 10.748 min
Delta R.T.: 0.003 min
Response: 6247434
Conc: 47.43 ug/ml

Instrument :
FID_F
ClientSampleId :
50 PPM ALIPHATIC HC STD2



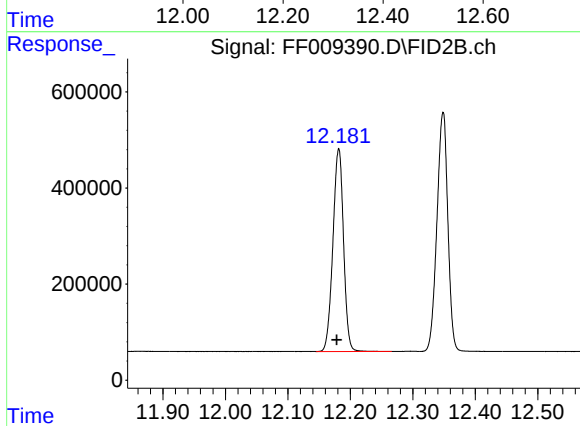
#10 n-Eicosane (C20)

R.T.: 11.739 min
Delta R.T.: 0.002 min
Response: 5914206
Conc: 47.26 ug/ml



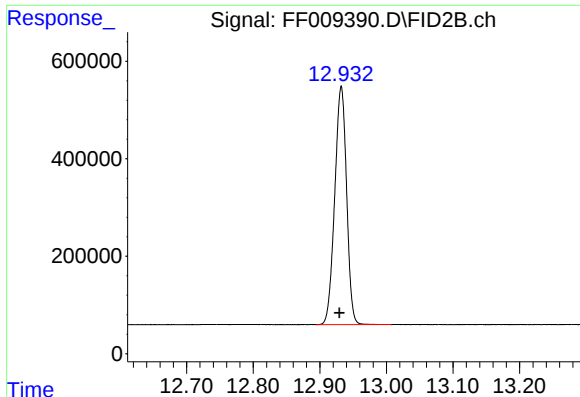
#11 n-Heneicosane (C21)

R.T.: 12.349 min
Delta R.T.: 0.004 min
Response: 6043513
Conc: 47.37 ug/ml



#12 1-chlorooctadecane (SURR)

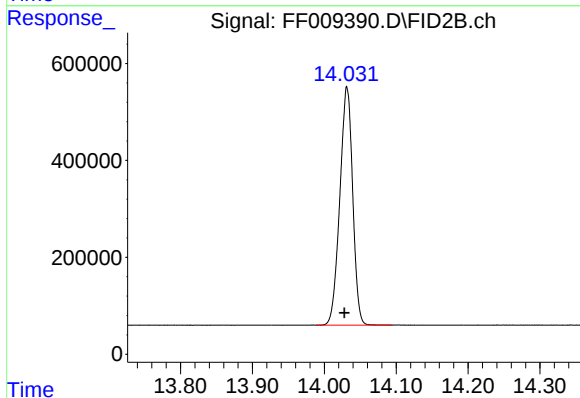
R.T.: 12.182 min
Delta R.T.: 0.003 min
Response: 4991189
Conc: 47.55 ug/ml



#13 n-Docosane (C22)

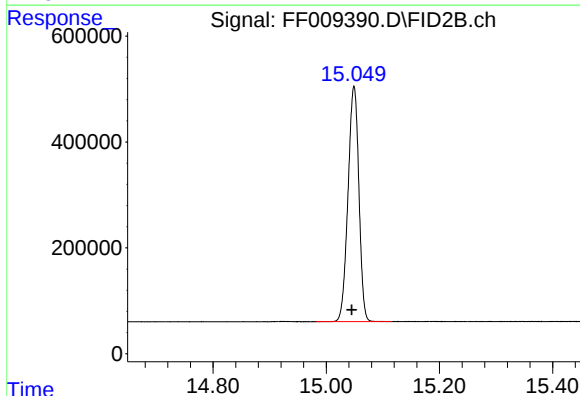
R.T.: 12.932 min
Delta R.T.: 0.003 min
Response: 6037709
Conc: 47.42 ug/ml

Instrument :
FID_F
ClientSampleId :
50 PPM ALIPHATIC HC STD2



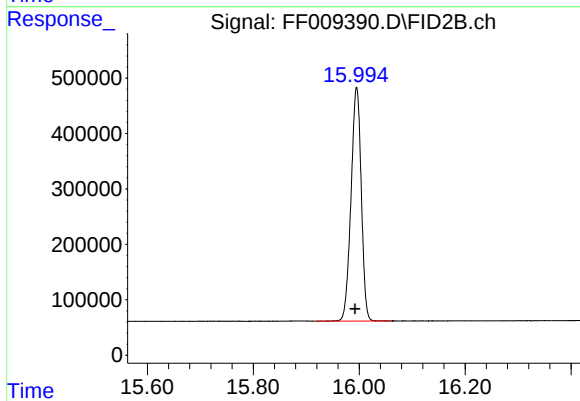
#14 n-Tetracosane (C24)

R.T.: 14.032 min
Delta R.T.: 0.004 min
Response: 6097334
Conc: 47.45 ug/ml



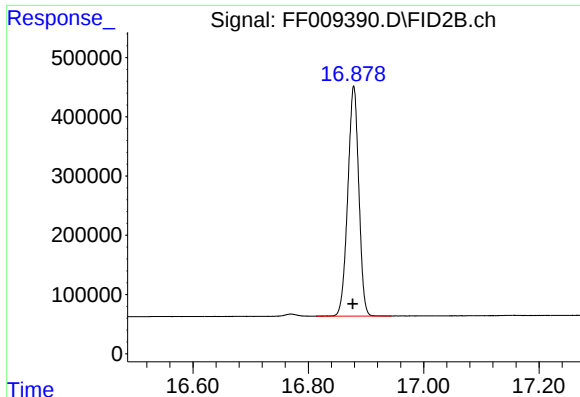
#15 n-Hexacosane (C26)

R.T.: 15.049 min
Delta R.T.: 0.004 min
Response: 5928563
Conc: 48.11 ug/ml



#16 n-Octacosane (C28)

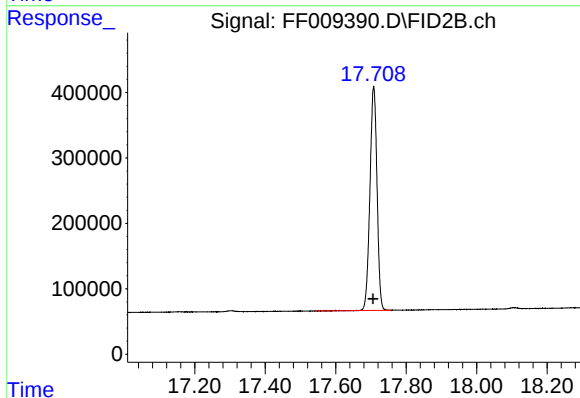
R.T.: 15.995 min
Delta R.T.: 0.003 min
Response: 5638874
Conc: 49.48 ug/ml



#17 n-Tricontane (C30)

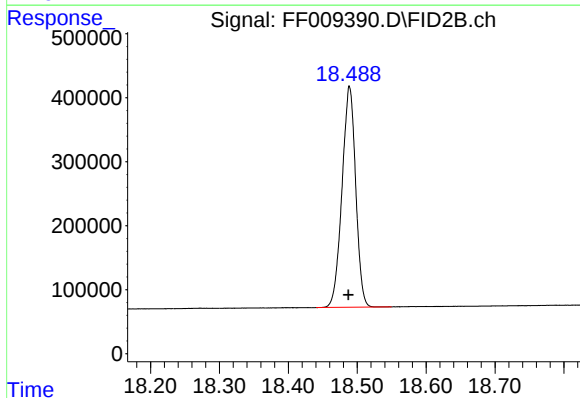
R.T.: 16.879 min
Delta R.T.: 0.002 min
Response: 5152667
Conc: 49.85 ug/ml

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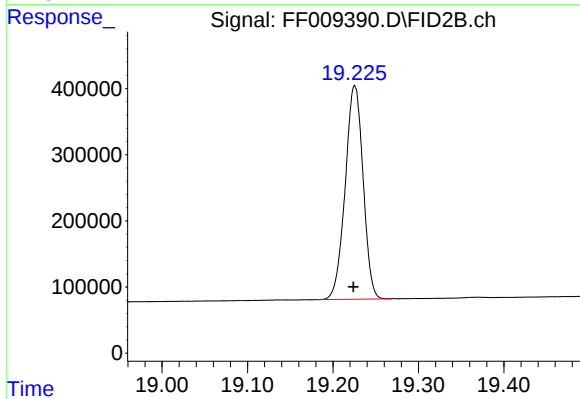
#18 n-Dotriacontane (C32)

R.T.: 17.708 min
Delta R.T.: 0.002 min
Response: 4762764
Conc: 47.96 ug/ml



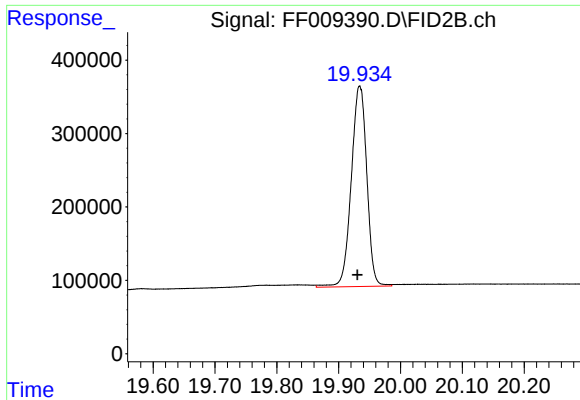
#19 n-Tetratriacontane (C34)

R.T.: 18.489 min
Delta R.T.: 0.002 min
Response: 4758384
Conc: 47.46 ug/ml



#20 n-Hexatriacontane (C36)

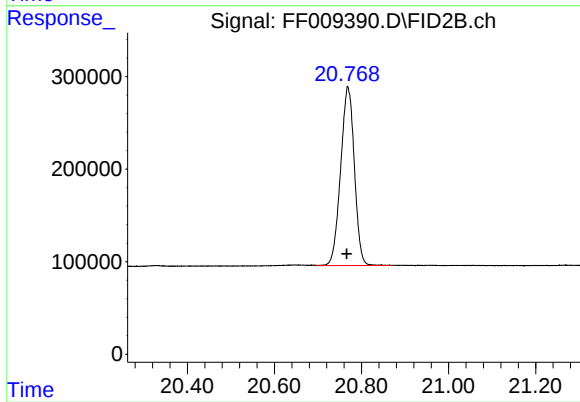
R.T.: 19.226 min
Delta R.T.: 0.002 min
Response: 4695381
Conc: 47.59 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 19.934 min
Delta R.T.: 0.003 min
Response: 4763366
Conc: 50.02 ug/ml

Instrument :
FID_F
ClientSampleId :
50 PPM ALIPHATIC HC STD2



#22 n-Tetracontane (C40)

R.T.: 20.768 min
Delta R.T.: 0.002 min
Response: 4229477
Conc: 53.42 ug/ml