

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE040225AL\
 Data File : FE053134.D
 Signal(s) : FID1B.ch
 Acq On : 02 Apr 2025 15:18
 Operator : YP\AJ
 Sample : PB167427BS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 PB167427BS

Integration File: autoint1.e
 Quant Time: Apr 03 01:16:17 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 032925.M
 Quant Title : GC Extractables
 QLast Update : Mon Mar 31 02:44:53 2025
 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)	11.891	6811956	41.821 ug/ml
Spiked Amount 50.000		Recovery =	83.64%
12) S 1-chlorooctadecane (S...	13.335	5183335	43.178 ug/ml
Spiked Amount 50.000		Recovery =	86.36%
Target Compounds			
1) T n-Nonane (C9)	3.246	6054080	39.099 ug/ml
2) T n-Decane (C10)	4.505	6414736	40.895 ug/ml
3) T A~Naphthalene (C11.7)	6.212	7109876	42.323 ug/ml
4) T n-Dodecane (C12)	6.681	6677951	42.698 ug/ml
5) T A~2-methylnaphthalene...	7.313	6471036	40.556 ug/ml
6) T n-Tetradecane (C14)	8.517	6749185	44.079 ug/ml
7) T n-Hexadecane (C16)	10.128	6821730	44.255 ug/ml
8) T n-Octadecane (C18)	11.577	6647496	43.830 ug/ml
10) T n-Eicosane (C20)	12.890	6705017	47.028 ug/ml
11) T n-Heneicosane (C21)	13.504	6388282	46.035 ug/ml
13) T n-Docosane (C22)	14.092	6311687	46.086 ug/ml
14) T n-Tetracosane (C24)	15.184	13067265	96.752 ug/ml
15) T n-Hexacosane (C26)	16.222	6181743	46.337 ug/ml
16) T n-Octacosane (C28)	17.172	6379289	48.340 ug/ml
17) T n-Tricontane (C30)	18.062	6268954	46.252 ug/ml
18) T n-Dotriacontane (C32)	18.895	6292031	46.759 ug/ml
19) T n-Tetratriacontane (C34)	19.680	6436783	49.745 ug/ml
20) T n-Hexatriacontane (C36)	20.421	6429820	54.128 ug/ml
21) T n-Octatriacontane (C38)	21.160	6599680	57.420 ug/ml
22) T n-Tetracontane (C40)	22.071	6420243	57.164 ug/ml

(f)=RT Delta > 1/2 Window

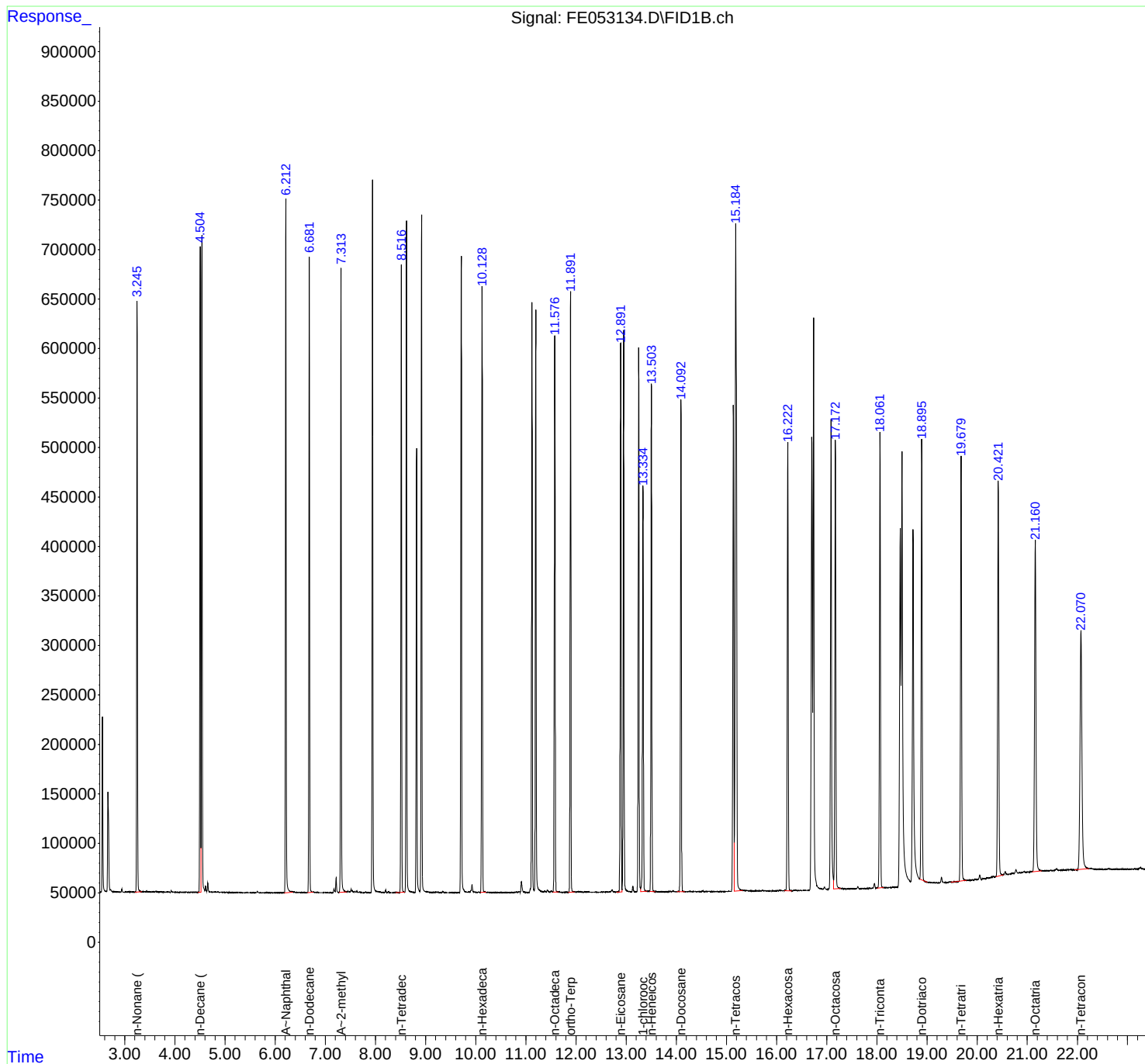
(m)=manual int.

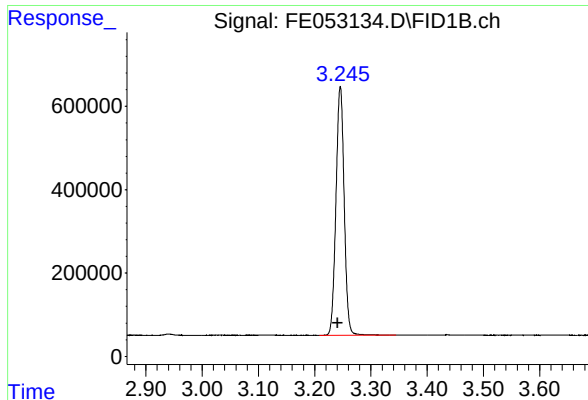
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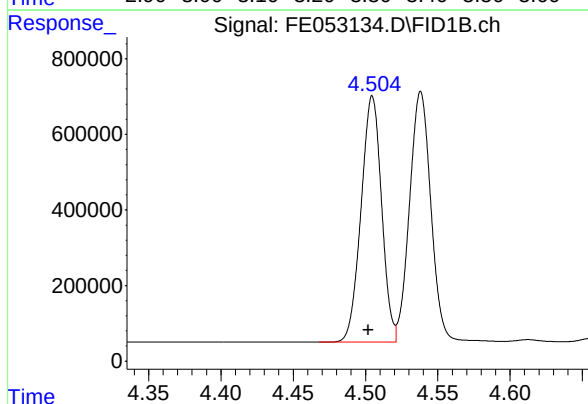




#1 n-Nonane (C9)

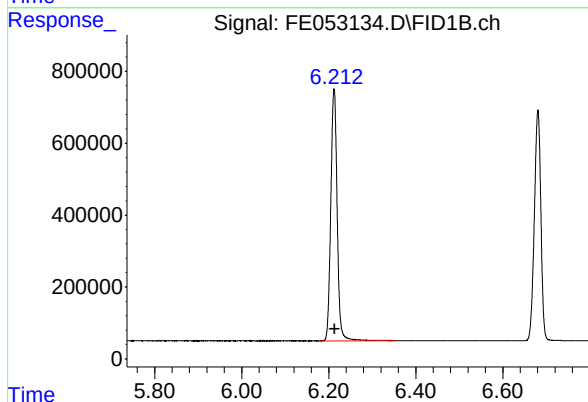
R.T.: 3.246 min
Delta R.T.: 0.005 min
Response: 6054080
Conc: 39.10 ug/ml

Instrument :
FID_E
ClientSampleId :
PB167427BS



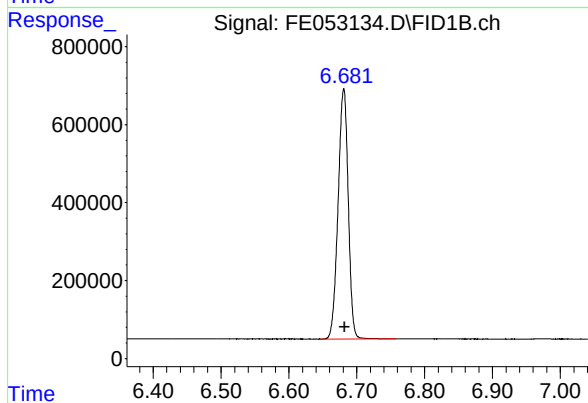
#2 n-Decane (C10)

R.T.: 4.505 min
Delta R.T.: 0.003 min
Response: 6414736
Conc: 40.90 ug/ml



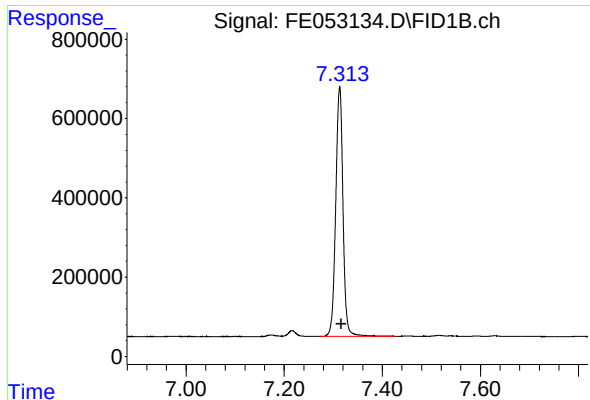
#3 A~Naphthalene (C11.7)

R.T.: 6.212 min
Delta R.T.: -0.002 min
Response: 7109876
Conc: 42.32 ug/ml



#4 n-Dodecane (C12)

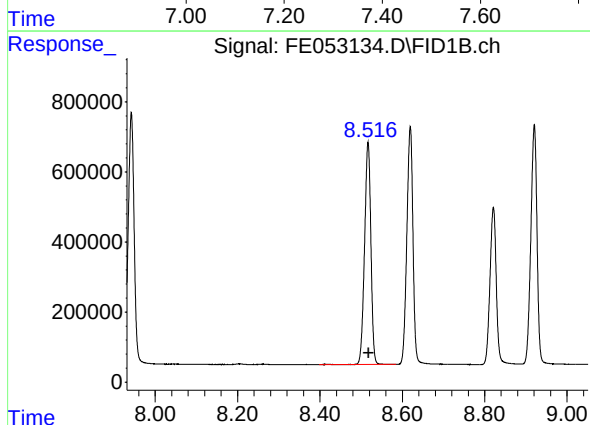
R.T.: 6.681 min
Delta R.T.: -0.001 min
Response: 6677951
Conc: 42.70 ug/ml



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

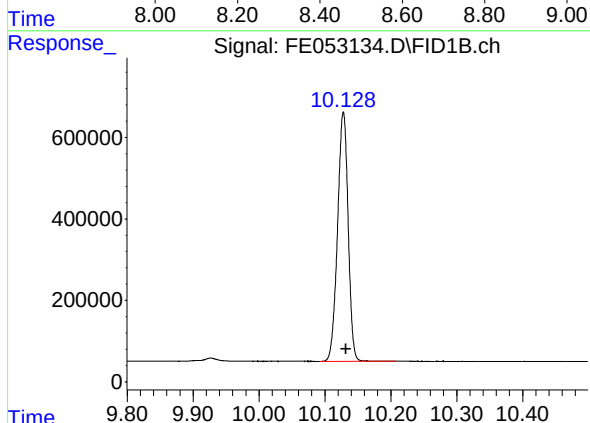
R.T.: 7.313 min
Delta R.T.: -0.003 min
Response: 6471036
Conc: 40.56 ug/ml

Instrument :
FID_E
ClientSampleId :
PB167427BS



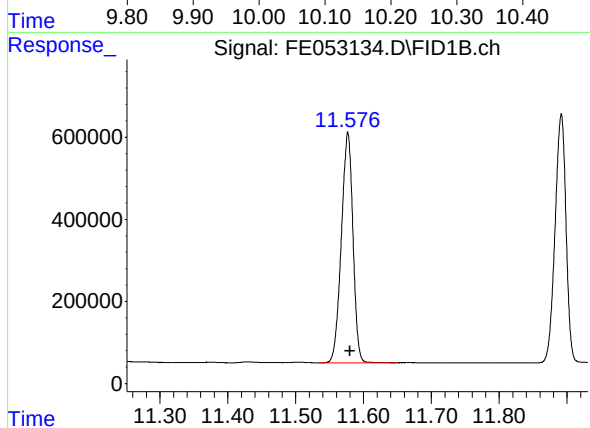
#6 n-Tetradecane (C14)

R.T.: 8.517 min
Delta R.T.: -0.001 min
Response: 6749185
Conc: 44.08 ug/ml



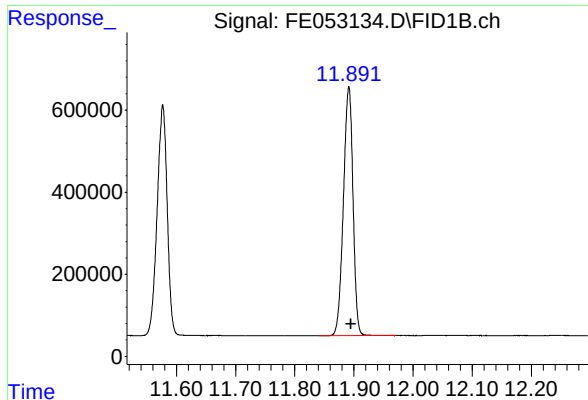
#7 n-Hexadecane (C16)

R.T.: 10.128 min
Delta R.T.: -0.004 min
Response: 6821730
Conc: 44.25 ug/ml



#8 n-Octadecane (C18)

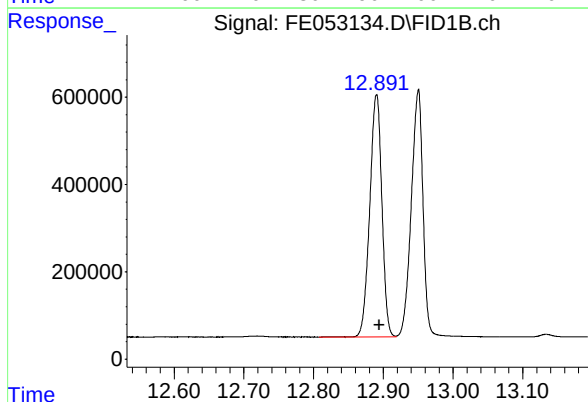
R.T.: 11.577 min
Delta R.T.: -0.003 min
Response: 6647496
Conc: 43.83 ug/ml



#9 ortho-Terphenyl (SURR)

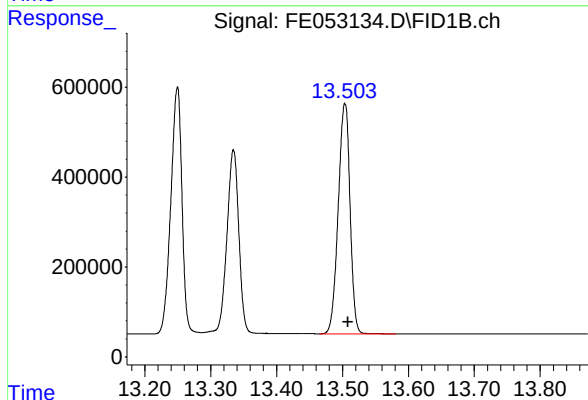
R.T.: 11.891 min
Delta R.T.: -0.004 min
Response: 6811956
Conc: 41.82 ug/ml

Instrument :
FID_E
ClientSampleId :
PB167427BS



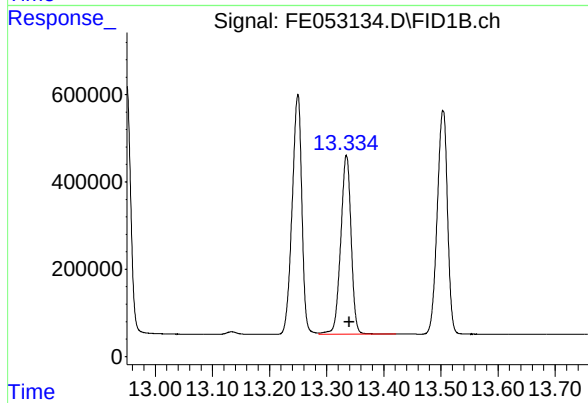
#10 n-Eicosane (C20)

R.T.: 12.890 min
Delta R.T.: -0.004 min
Response: 6705017
Conc: 47.03 ug/ml



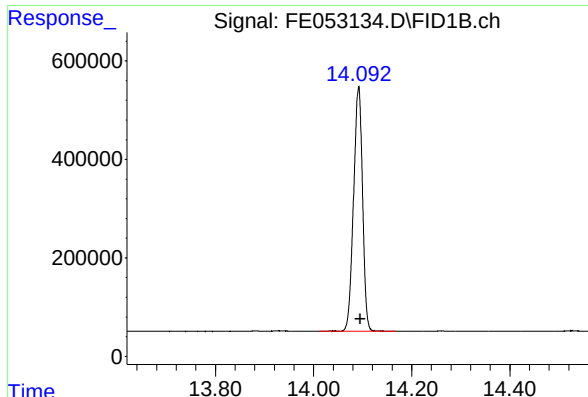
#11 n-Heneicosane (C21)

R.T.: 13.504 min
Delta R.T.: -0.004 min
Response: 6388282
Conc: 46.04 ug/ml



#12 1-chlorooctadecane (SURR)

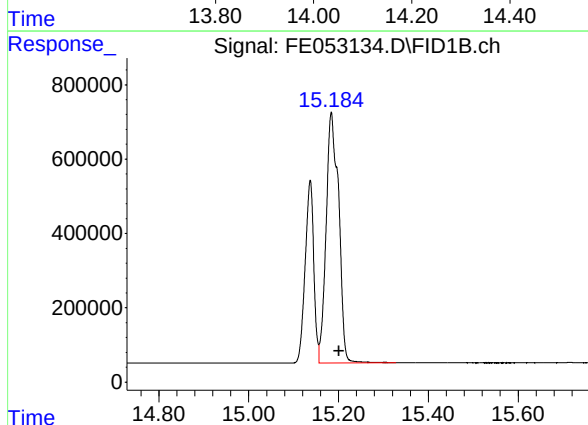
R.T.: 13.335 min
Delta R.T.: -0.005 min
Response: 5183335
Conc: 43.18 ug/ml



#13 n-Docosane (C22)

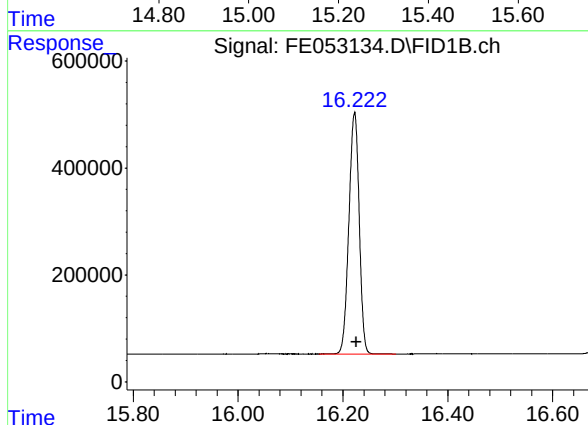
R.T.: 14.092 min
Delta R.T.: -0.004 min
Response: 6311687
Conc: 46.09 ug/ml

Instrument :
FID_E
ClientSampleId :
PB167427BS



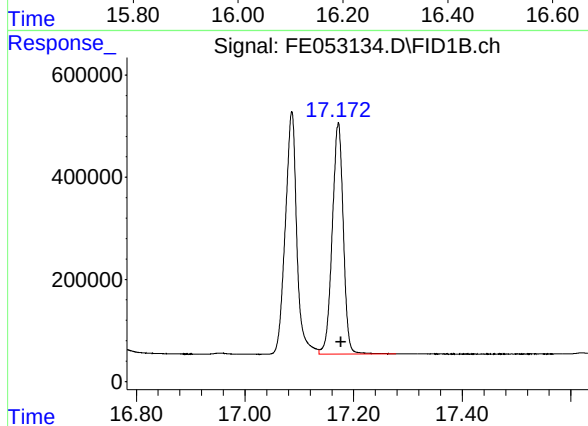
#14 n-Tetracosane (C24)

R.T.: 15.184 min
Delta R.T.: -0.017 min
Response: 13067265
Conc: 96.75 ug/ml



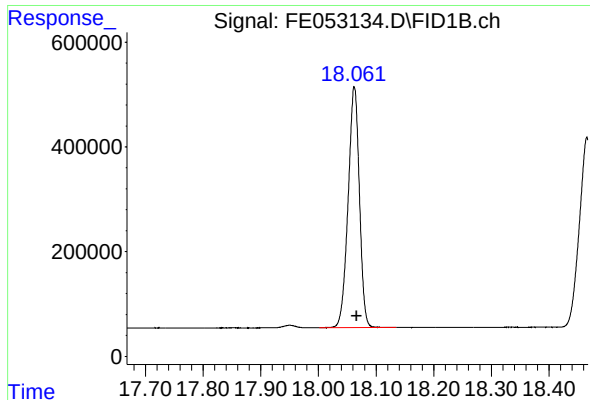
#15 n-Hexacosane (C26)

R.T.: 16.222 min
Delta R.T.: -0.003 min
Response: 6181743
Conc: 46.34 ug/ml



#16 n-Octacosane (C28)

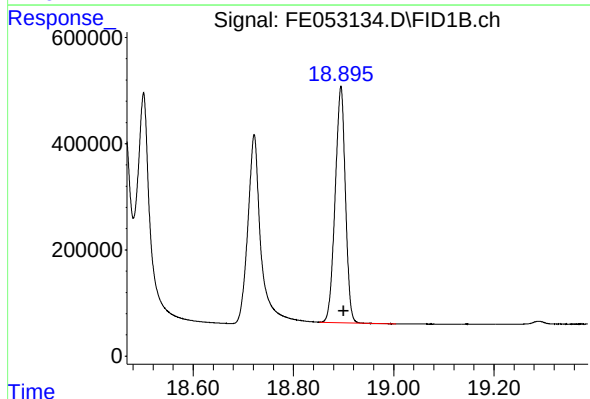
R.T.: 17.172 min
Delta R.T.: -0.005 min
Response: 6379289
Conc: 48.34 ug/ml



#17 n-Tricontane (C30)

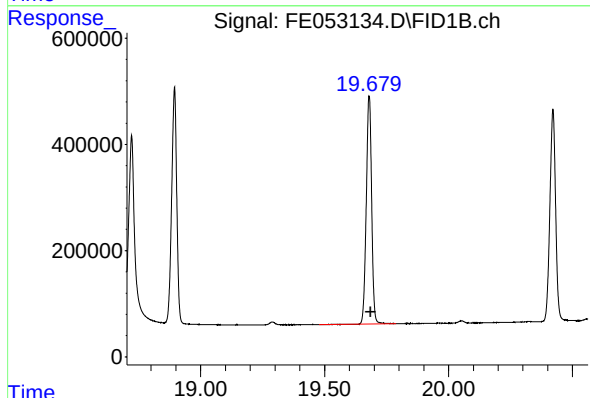
R.T.: 18.062 min
Delta R.T.: -0.004 min
Response: 6268954
Conc: 46.25 ug/ml

Instrument :
FID_E
ClientSampleId :
PB167427BS



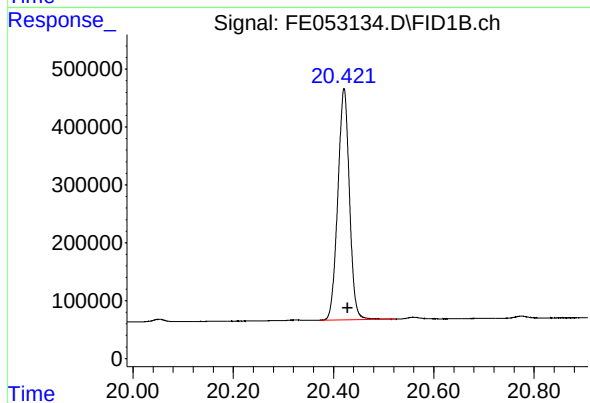
#18 n-Dotriacontane (C32)

R.T.: 18.895 min
Delta R.T.: -0.006 min
Response: 6292031
Conc: 46.76 ug/ml



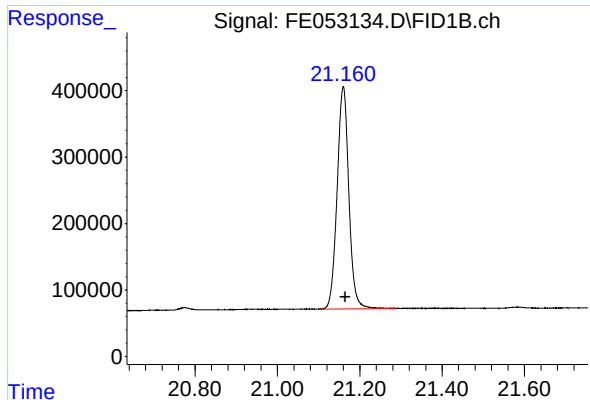
#19 n-Tetatriacontane (C34)

R.T.: 19.680 min
Delta R.T.: -0.006 min
Response: 6436783
Conc: 49.74 ug/ml



#20 n-Hexatriacontane (C36)

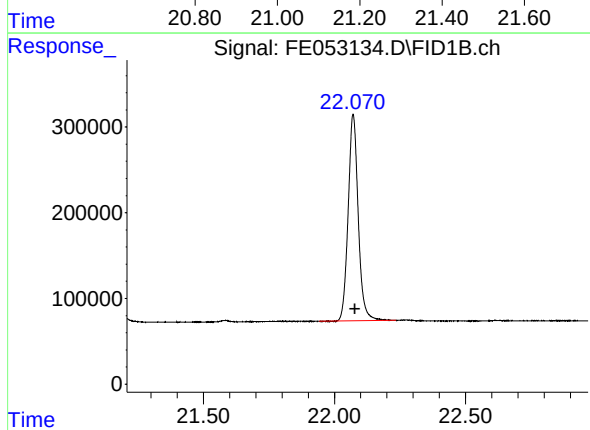
R.T.: 20.421 min
Delta R.T.: -0.007 min
Response: 6429820
Conc: 54.13 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.160 min
Delta R.T.: -0.005 min
Response: 6599680
Conc: 57.42 ug/ml

Instrument :
FID_E
ClientSampleId :
PB167427BS



#22 n-Tetracontane (C40)

R.T.: 22.071 min
Delta R.T.: -0.007 min
Response: 6420243
Conc: 57.16 ug/ml