

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE042524AL\
 Data File : FE047802.D
 Signal(s) : FID1B.ch
 Acq On : 25 Apr 2024 15:38
 Operator : YP\AJ
 Sample : PB160505BS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 PB160505BS

Integration File: autoint1.e
 Quant Time: Apr 26 02:13:08 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 040224.M
 Quant Title : GC Extractables
 QLast Update : Tue Apr 02 05:28:28 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)	11.976	6568400	37.870 ug/ml
Spiked Amount 50.000		Recovery =	75.74%
12) S 1-chlorooctadecane (S...	13.409	5452020	40.537 ug/ml
Spiked Amount 50.000		Recovery =	81.07%
Target Compounds			
1) T n-Nonane (C9)	3.361	5037724	32.201 ug/ml
2) T n-Decane (C10)	4.611	5450905	33.916 ug/ml
3) T A~Naphthalene (C11.7)	6.315	6033616	35.585 ug/ml
4) T n-Dodecane (C12)	6.774	6128803	37.760 ug/ml
5) T A~2-methylnaphthalene...	7.411	6196422	37.732 ug/ml
6) T n-Tetradecane (C14)	8.604	6460547	40.159 ug/ml
7) T n-Hexadecane (C16)	10.210	6459725	38.896 ug/ml
8) T n-Octadecane (C18)	11.654	6564407	39.144 ug/ml
10) T n-Eicosane (C20)	12.964	6585426	40.650 ug/ml
11) T n-Heneicosane (C21)	13.575	6395425	40.305 ug/ml
13) T n-Docosane (C22)	14.161	6351439	39.577 ug/ml
14) T n-Tetracosane (C24)	15.257	10885746	65.949 ug/ml
15) T n-Hexacosane (C26)	16.284	6230992	37.696 ug/ml
16) T n-Octacosane (C28)	17.232	6380648	38.503 ug/ml
17) T n-Tricontane (C30)	18.120	6308023	37.155 ug/ml
18) T n-Dotriacontane (C32)	18.950	6291492	37.730 ug/ml
19) T n-Tetratriacontane (C34)	19.733	6436316	40.130 ug/ml
20) T n-Hexatriacontane (C36)	20.473	6436542	40.355 ug/ml
21) T n-Octatriacontane (C38)	21.215	6502633	40.010 ug/ml
22) T n-Tetracontane (C40)	22.142	6386792	39.009 ug/ml

(f)=RT Delta > 1/2 Window

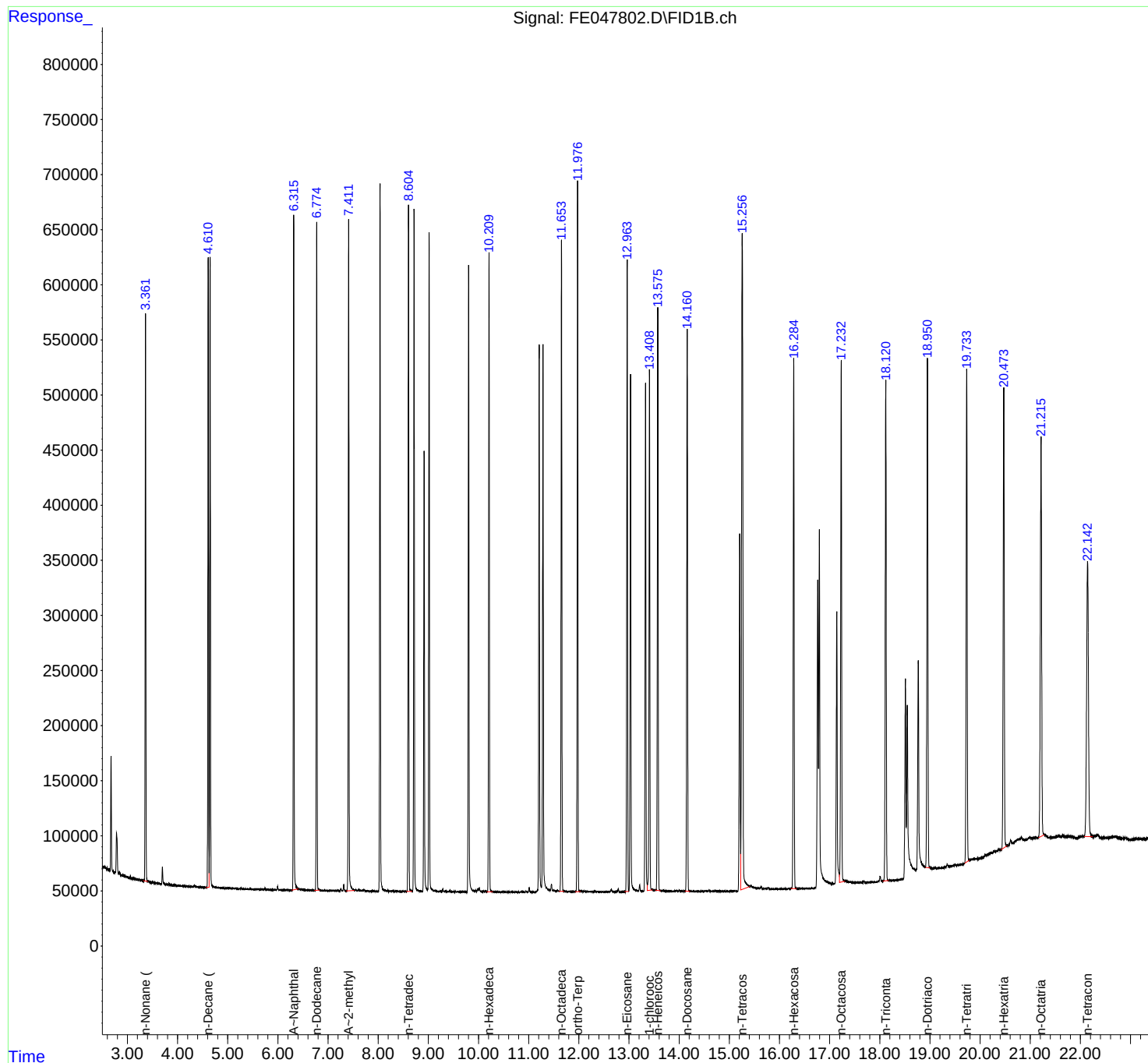
(m)=manual int.

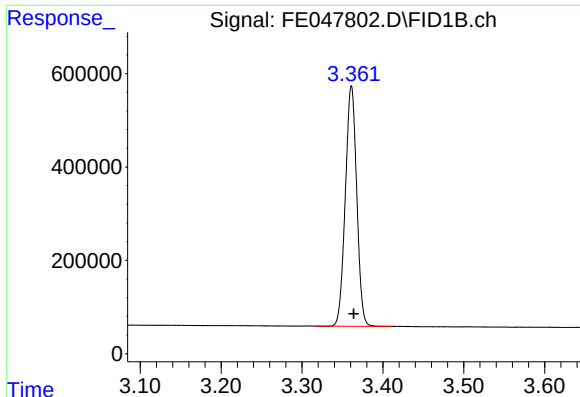
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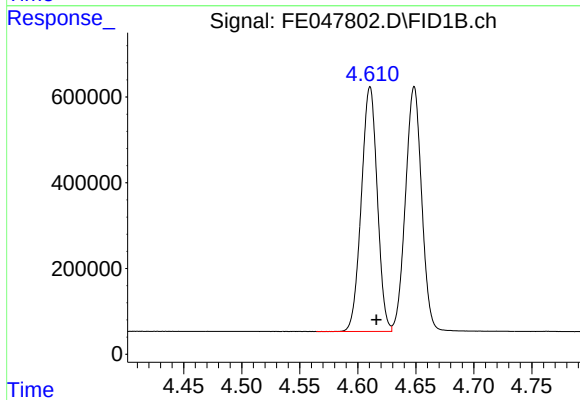




#1 n-Nonane (C9)

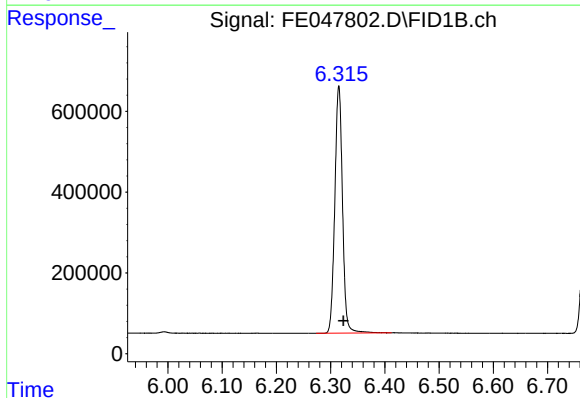
R.T.: 3.361 min
Delta R.T.: -0.003 min
Response: 5037724
Conc: 32.20 ug/ml

Instrument :
FID_E
ClientSampleId :
PB160505BS



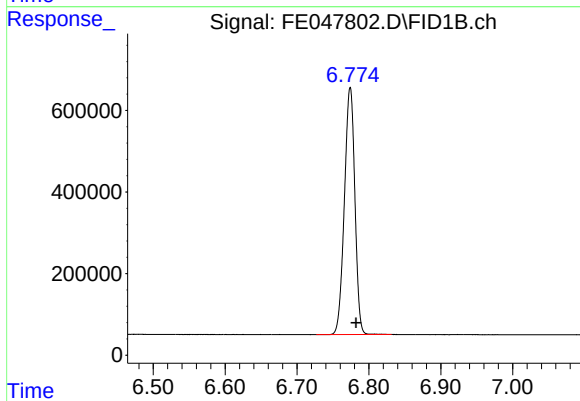
#2 n-Decane (C10)

R.T.: 4.611 min
Delta R.T.: -0.006 min
Response: 5450905
Conc: 33.92 ug/ml



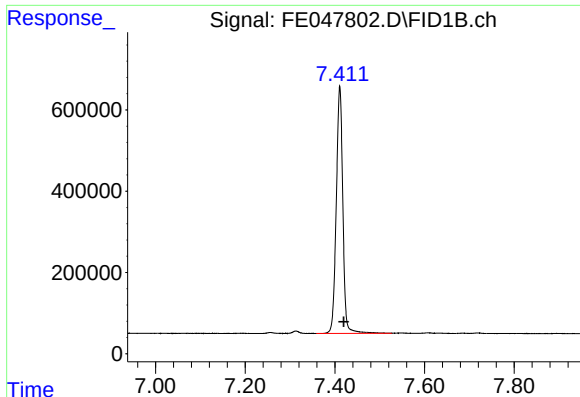
#3 A~Naphthalene (C11.7)

R.T.: 6.315 min
Delta R.T.: -0.008 min
Response: 6033616
Conc: 35.59 ug/ml



#4 n-Dodecane (C12)

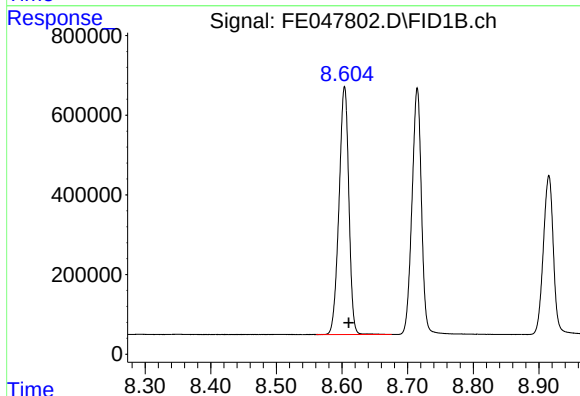
R.T.: 6.774 min
Delta R.T.: -0.008 min
Response: 6128803
Conc: 37.76 ug/ml



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

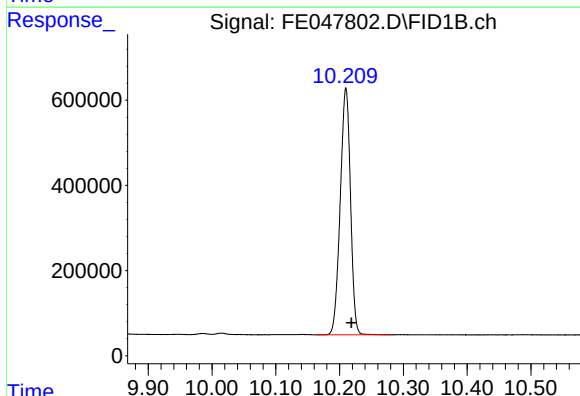
R.T.: 7.411 min
Delta R.T.: -0.009 min
Response: 6196422
Conc: 37.73 ug/ml

Instrument :
FID_E
ClientSampleId :
PB160505BS



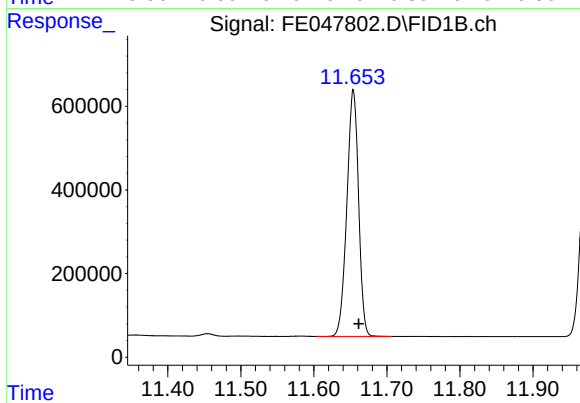
#6 n-Tetradecane (C14)

R.T.: 8.604 min
Delta R.T.: -0.006 min
Response: 6460547
Conc: 40.16 ug/ml



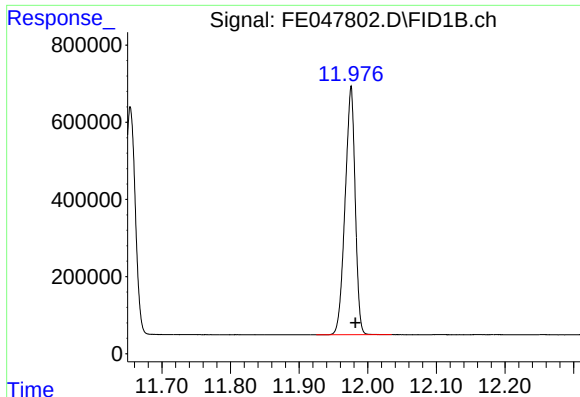
#7 n-Hexadecane (C16)

R.T.: 10.210 min
Delta R.T.: -0.009 min
Response: 6459725
Conc: 38.90 ug/ml



#8 n-Octadecane (C18)

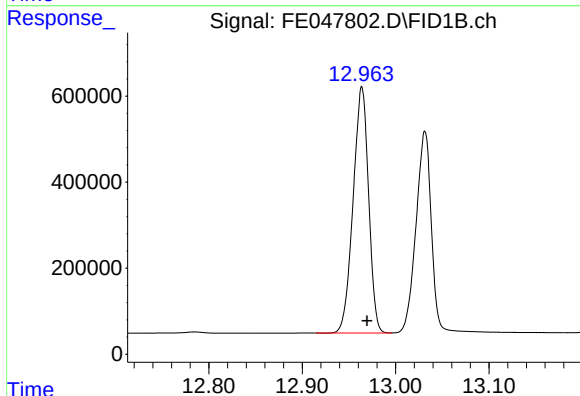
R.T.: 11.654 min
Delta R.T.: -0.008 min
Response: 6564407
Conc: 39.14 ug/ml



#9 ortho-Terphenyl (SURR)

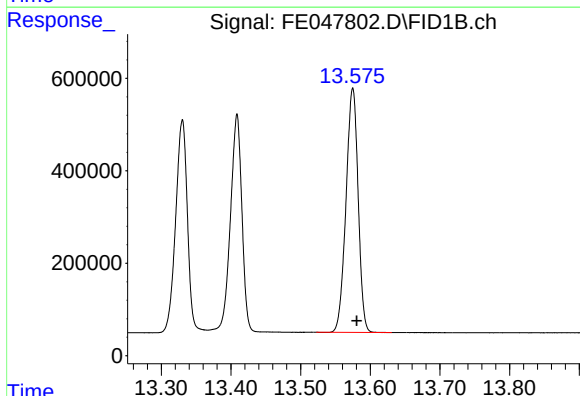
R.T.: 11.976 min
Delta R.T.: -0.006 min
Response: 6568400
Conc: 37.87 ug/ml

Instrument :
FID_E
ClientSampleId :
PB160505BS



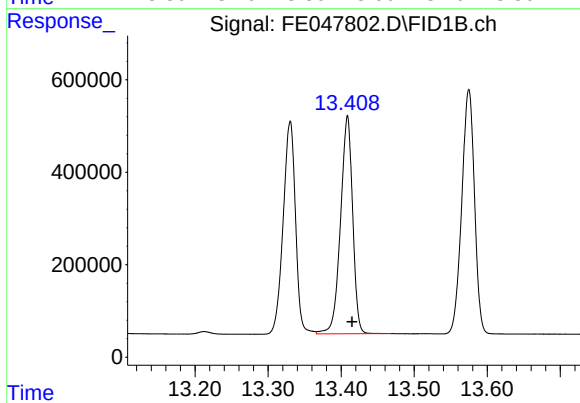
#10 n-Eicosane (C20)

R.T.: 12.964 min
Delta R.T.: -0.006 min
Response: 6585426
Conc: 40.65 ug/ml



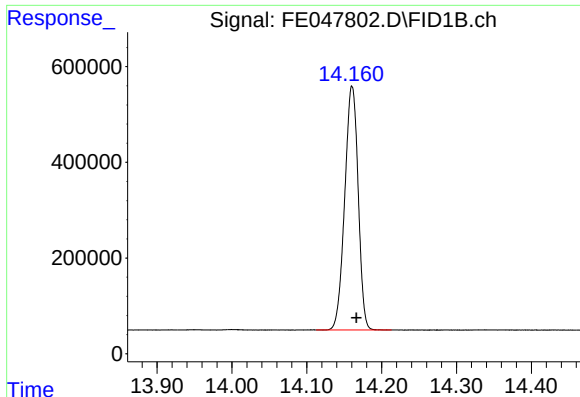
#11 n-Heneicosane (C21)

R.T.: 13.575 min
Delta R.T.: -0.006 min
Response: 6395425
Conc: 40.31 ug/ml



#12 1-chlorooctadecane (SURR)

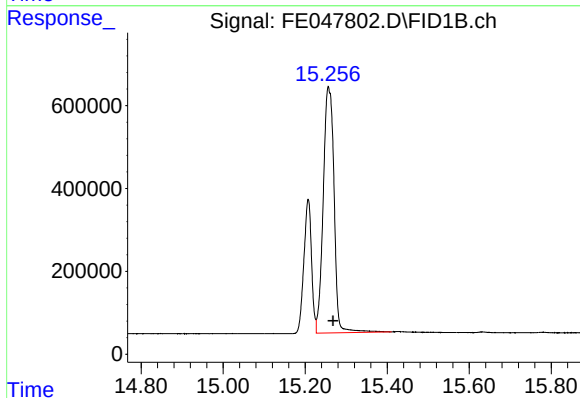
R.T.: 13.409 min
Delta R.T.: -0.006 min
Response: 5452020
Conc: 40.54 ug/ml



#13 n-Docosane (C22)

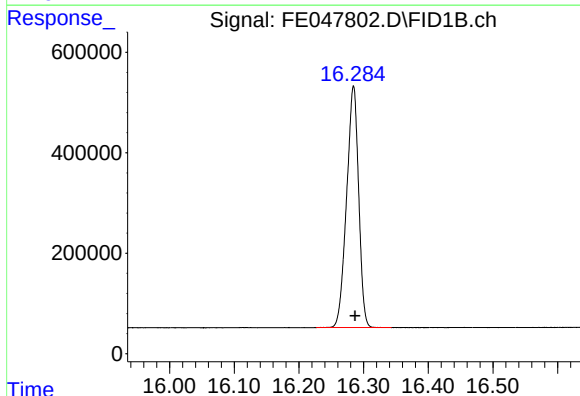
R.T.: 14.161 min
Delta R.T.: -0.006 min
Response: 6351439
Conc: 39.58 ug/ml

Instrument :
FID_E
ClientSampleId :
PB160505BS



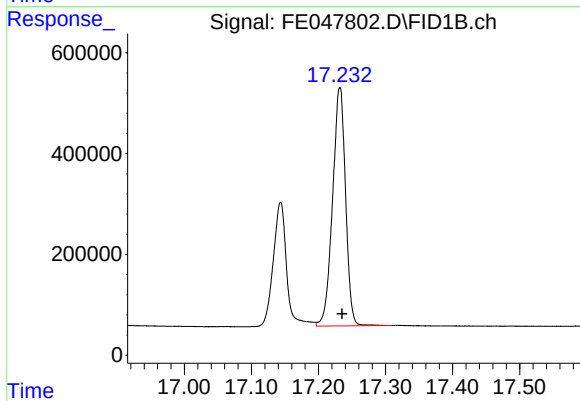
#14 n-Tetracosane (C24)

R.T.: 15.257 min
Delta R.T.: -0.011 min
Response: 10885746
Conc: 65.95 ug/ml



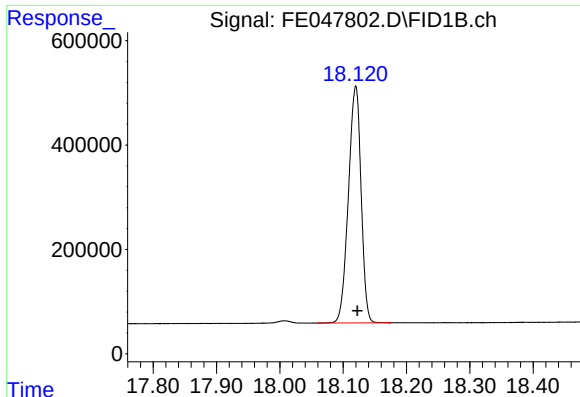
#15 n-Hexacosane (C26)

R.T.: 16.284 min
Delta R.T.: -0.003 min
Response: 6230992
Conc: 37.70 ug/ml



#16 n-Octacosane (C28)

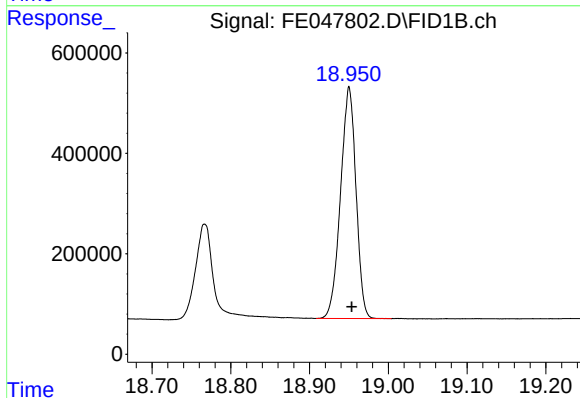
R.T.: 17.232 min
Delta R.T.: -0.003 min
Response: 6380648
Conc: 38.50 ug/ml



#17 n-Tricontane (C30)

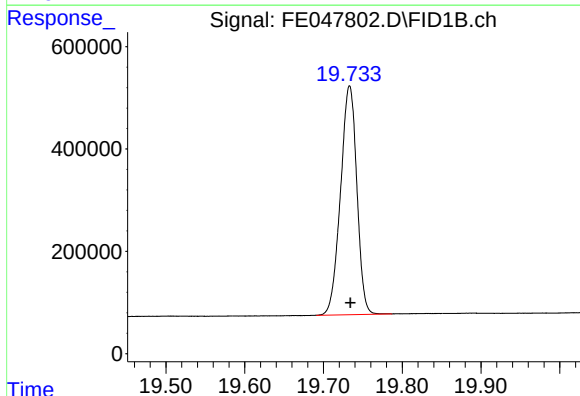
R.T.: 18.120 min
Delta R.T.: -0.002 min
Response: 6308023
Conc: 37.15 ug/ml

Instrument :
FID_E
ClientSampleId :
PB160505BS



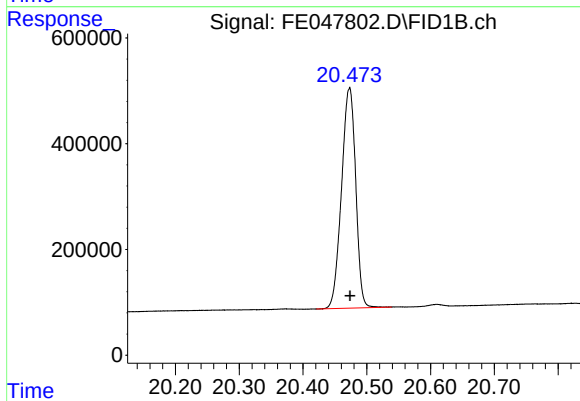
#18 n-Dotriacontane (C32)

R.T.: 18.950 min
Delta R.T.: -0.003 min
Response: 6291492
Conc: 37.73 ug/ml



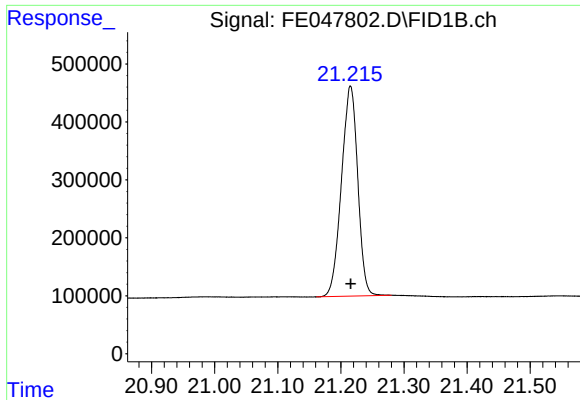
#19 n-Tetratriacontane (C34)

R.T.: 19.733 min
Delta R.T.: -0.001 min
Response: 6436316
Conc: 40.13 ug/ml



#20 n-Hexatriacontane (C36)

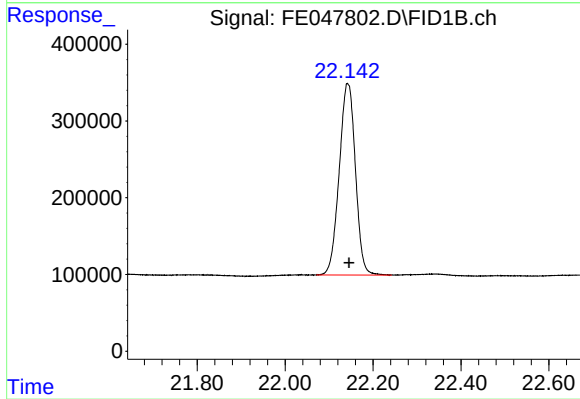
R.T.: 20.473 min
Delta R.T.: 0.000 min
Response: 6436542
Conc: 40.35 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.215 min
Delta R.T.: 0.000 min
Response: 6502633
Conc: 40.01 ug/ml

Instrument :
FID_E
ClientSampleId :
PB160505BS



#22 n-Tetracontane (C40)

R.T.: 22.142 min
Delta R.T.: -0.004 min
Response: 6386792
Conc: 39.01 ug/ml