

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE082025AL\
 Data File : FE055406.D
 Signal(s) : FID1B.ch
 Acq On : 20 Aug 2025 12:33
 Operator : YP\AJ
 Sample : PB169321BS
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 PB169321BS

Integration File: autoint1.e
 Quant Time: Aug 21 01:17:38 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 080125.M
 Quant Title : GC Extractables
 QLast Update : Fri Aug 01 13:47:09 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)	12.086	6710014	46.988 ug/ml
Spiked Amount 50.000		Recovery =	93.98%
12) S 1-chlorooctadecane (S...	13.522	5370660	49.948 ug/ml
Spiked Amount 50.000		Recovery =	99.90%
Target Compounds			
1) T n-Nonane (C9)	3.433	5256897	45.804 ug/ml
2) T n-Decane (C10)	4.685	5604219	48.107 ug/ml
3) T A~Naphthalene (C11.7)	6.402	6954922	51.813 ug/ml
4) T n-Dodecane (C12)	6.856	5977021	50.192 ug/ml
5) T A~2-methylnaphthalene...	7.502	6467435	49.603 ug/ml
6) T n-Tetradecane (C14)	8.694	6214976	50.689 ug/ml
7) T n-Hexadecane (C16)	10.309	6520261	51.002 ug/ml
8) T n-Octadecane (C18)	11.759	6628910	50.806 ug/ml
10) T n-Eicosane (C20)	13.075	6833590	54.463 ug/ml
11) T n-Heneicosane (C21)	13.689	6596068	53.510 ug/ml
13) T n-Docosane (C22)	14.277	6521540	53.403 ug/ml
14) T n-Tetracosane (C24)	15.387	13456795	110.634 ug/ml
15) T n-Hexacosane (C26)	16.410	6355856	53.122 ug/ml
16) T n-Octacosane (C28)	17.361	6352065	53.548 ug/ml
17) T n-Tricontane (C30)	18.252	6426561	52.228 ug/ml
18) T n-Dotriacontane (C32)	19.085	6466127	52.996 ug/ml
19) T n-Tetratriacontane (C34)	19.870	6673627	57.079 ug/ml
20) T n-Hexatriacontane (C36)	20.612	6411777	58.663 ug/ml
21) T n-Octatriacontane (C38)	21.394	6314988	58.434 ug/ml
22) T n-Tetracontane (C40)	22.387	6003108	57.405 ug/ml

(f)=RT Delta > 1/2 Window

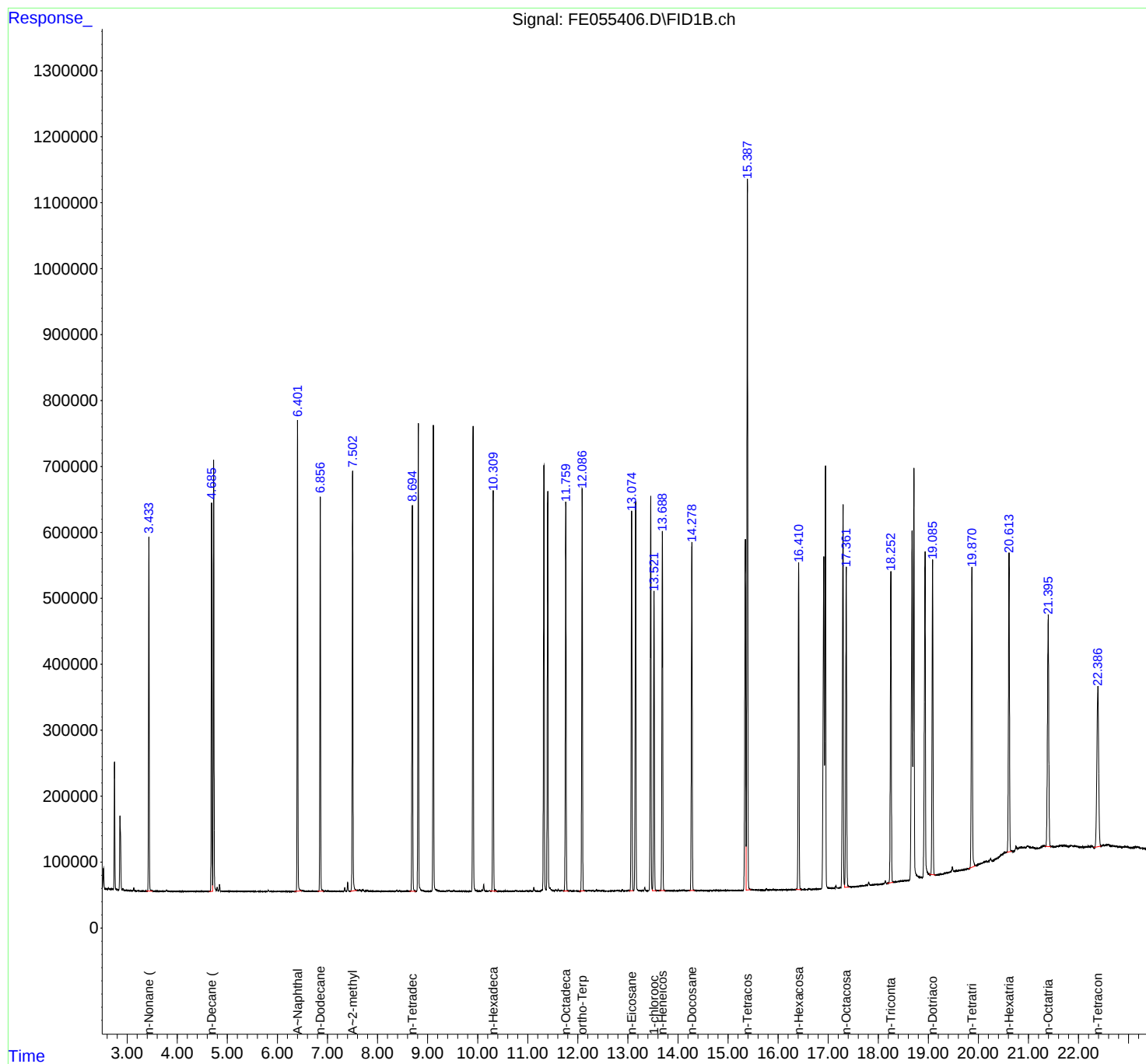
(m)=manual int.

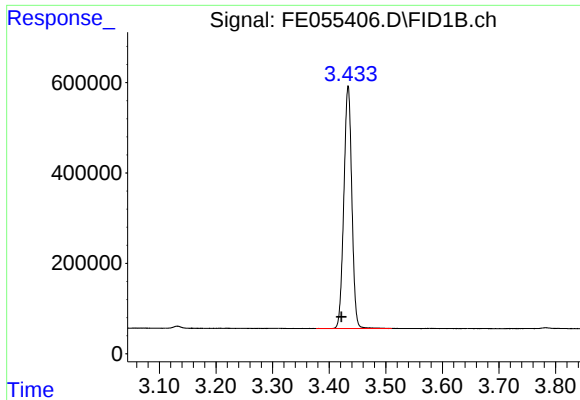
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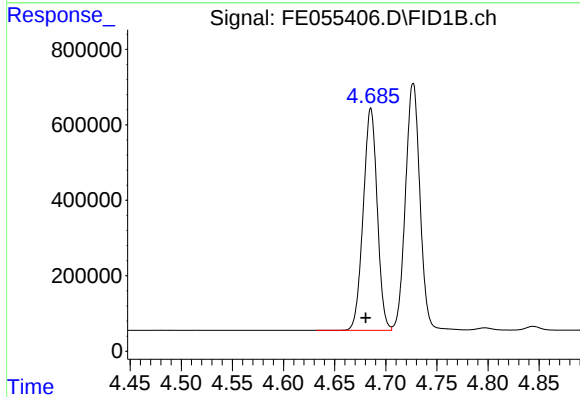




#1 n-Nonane (C9)

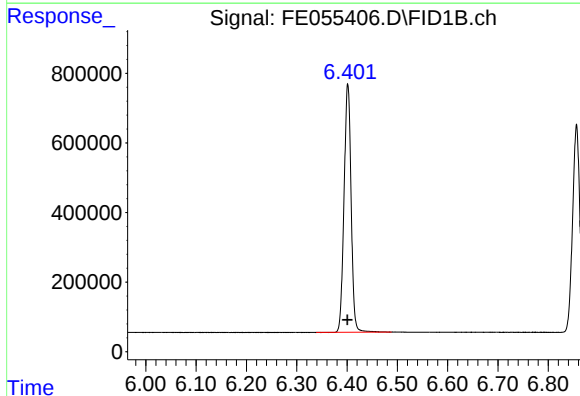
R.T.: 3.433 min
Delta R.T.: 0.011 min
Response: 5256897
Conc: 45.80 ug/ml

Instrument :
FID_E
ClientSampleId :
PB169321BS



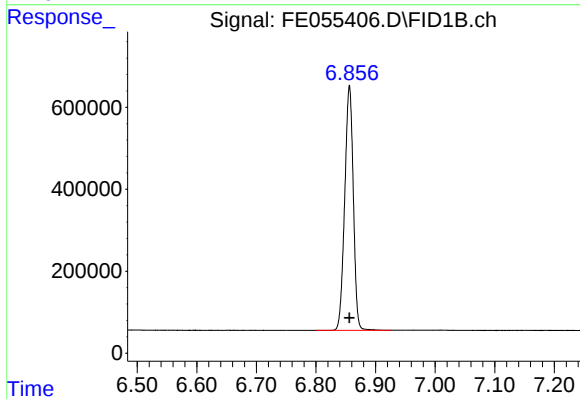
#2 n-Decane (C10)

R.T.: 4.685 min
Delta R.T.: 0.005 min
Response: 5604219
Conc: 48.11 ug/ml



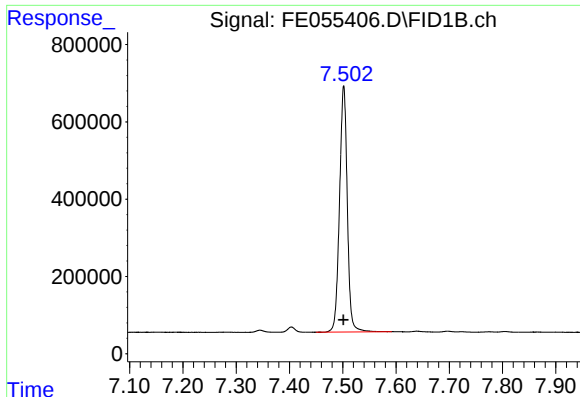
#3 A~Naphthalene (C11.7)

R.T.: 6.402 min
Delta R.T.: 0.000 min
Response: 6954922
Conc: 51.81 ug/ml



#4 n-Dodecane (C12)

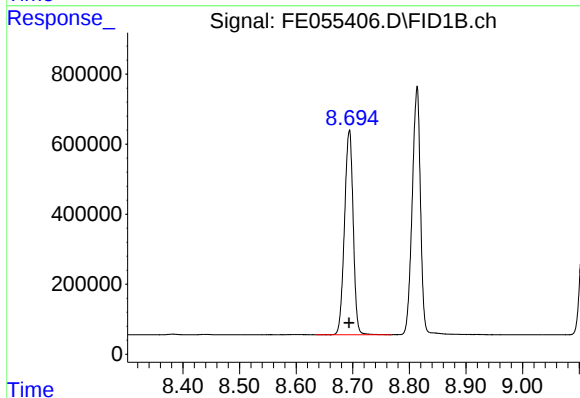
R.T.: 6.856 min
Delta R.T.: 0.000 min
Response: 5977021
Conc: 50.19 ug/ml



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

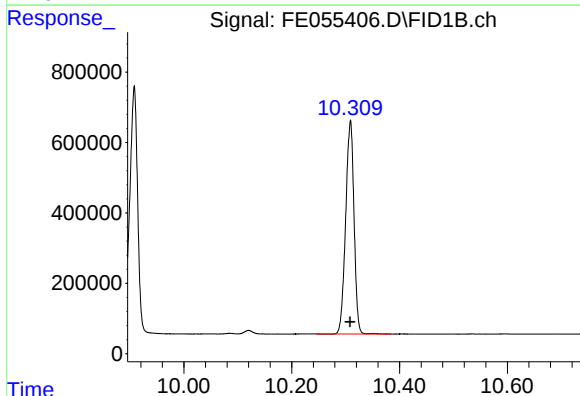
R.T.: 7.502 min
Delta R.T.: 0.000 min
Response: 6467435
Conc: 49.60 ug/ml

Instrument :
FID_E
ClientSampleId :
PB169321BS



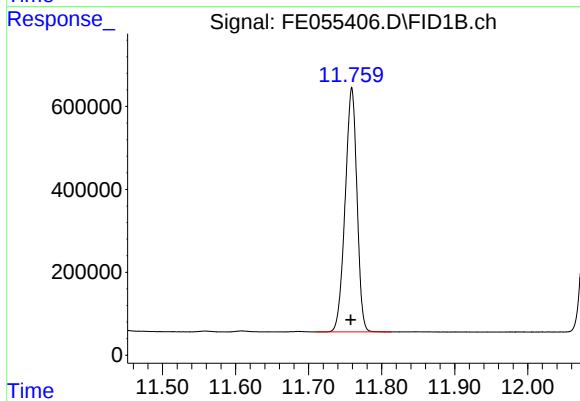
#6 n-Tetradecane (C14)

R.T.: 8.694 min
Delta R.T.: 0.000 min
Response: 6214976
Conc: 50.69 ug/ml



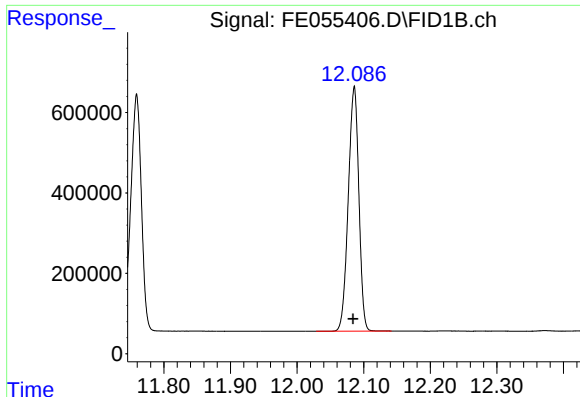
#7 n-Hexadecane (C16)

R.T.: 10.309 min
Delta R.T.: 0.000 min
Response: 6520261
Conc: 51.00 ug/ml



#8 n-Octadecane (C18)

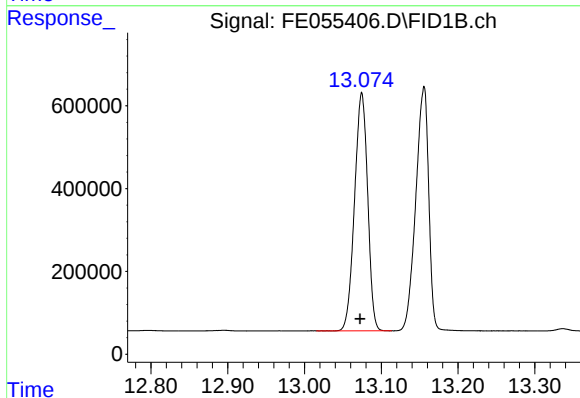
R.T.: 11.759 min
Delta R.T.: 0.001 min
Response: 6628910
Conc: 50.81 ug/ml



#9 ortho-Terphenyl (SURR)

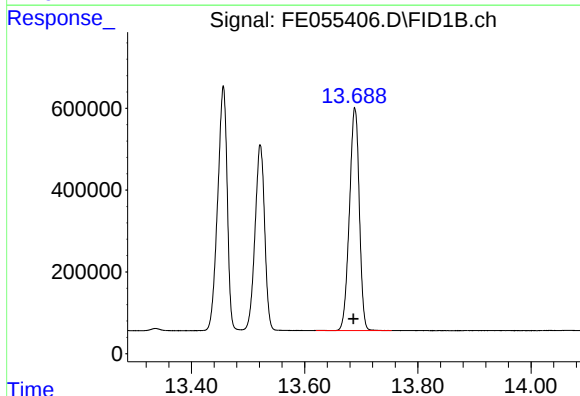
R.T.: 12.086 min
Delta R.T.: 0.002 min
Response: 6710014
Conc: 46.99 ug/ml

Instrument :
FID_E
ClientSampleId :
PB169321BS



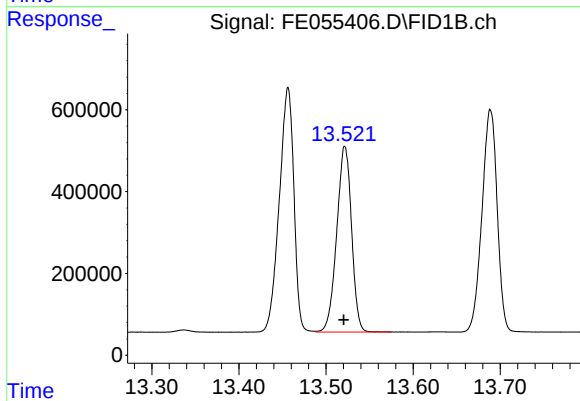
#10 n-Eicosane (C20)

R.T.: 13.075 min
Delta R.T.: 0.002 min
Response: 6833590
Conc: 54.46 ug/ml



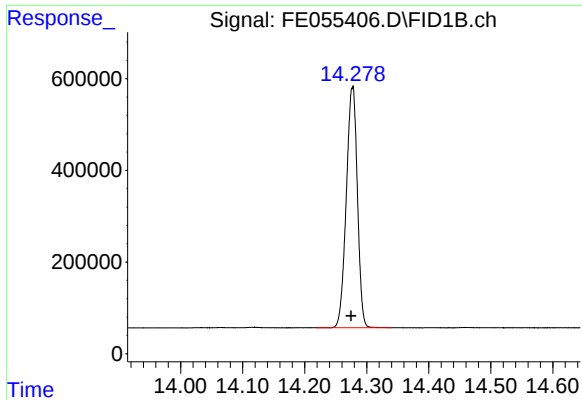
#11 n-Heneicosane (C21)

R.T.: 13.689 min
Delta R.T.: 0.002 min
Response: 6596068
Conc: 53.51 ug/ml



#12 1-chlorooctadecane (SURR)

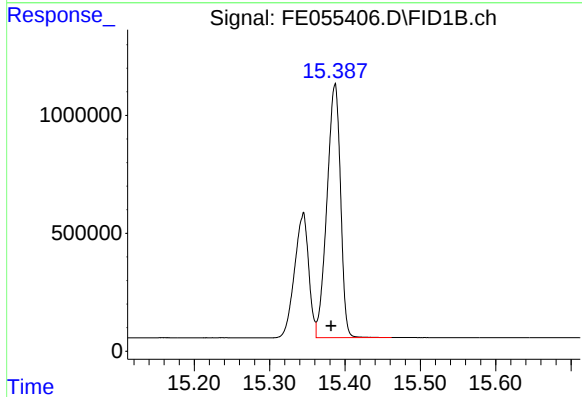
R.T.: 13.522 min
Delta R.T.: 0.001 min
Response: 5370660
Conc: 49.95 ug/ml



#13 n-Docosane (C22)

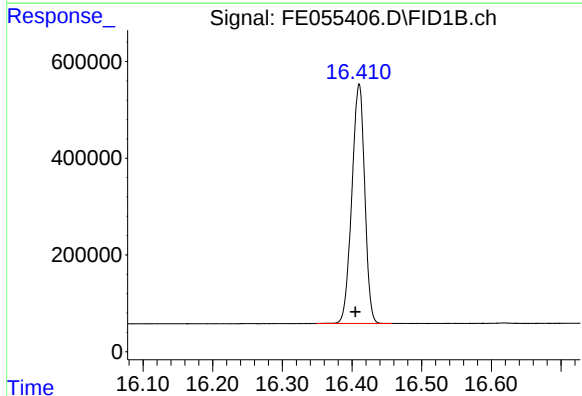
R.T.: 14.277 min
Delta R.T.: 0.002 min
Response: 6521540
Conc: 53.40 ug/ml

Instrument :
FID_E
ClientSampleId :
PB169321BS



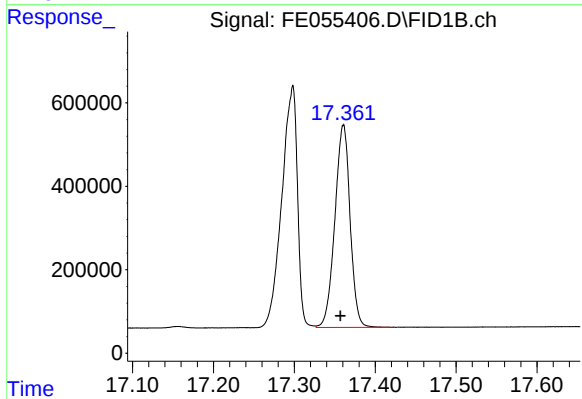
#14 n-Tetracosane (C24)

R.T.: 15.387 min
Delta R.T.: 0.005 min
Response: 13456795
Conc: 110.63 ug/ml



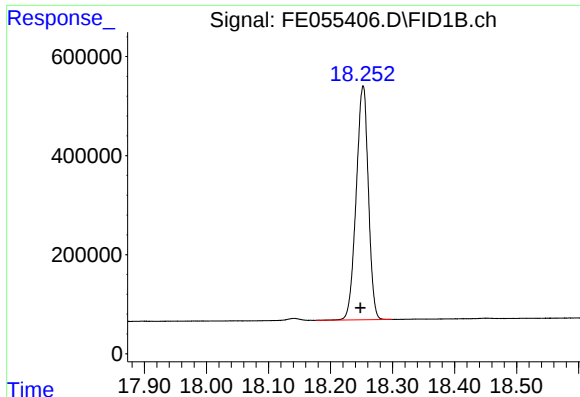
#15 n-Hexacosane (C26)

R.T.: 16.410 min
Delta R.T.: 0.005 min
Response: 6355856
Conc: 53.12 ug/ml



#16 n-Octacosane (C28)

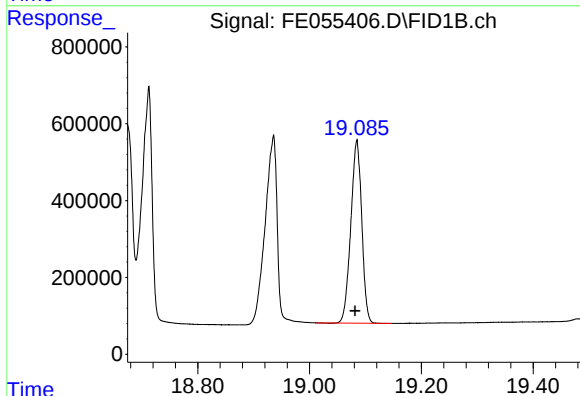
R.T.: 17.361 min
Delta R.T.: 0.004 min
Response: 6352065
Conc: 53.55 ug/ml



#17 n-Tricontane (C30)

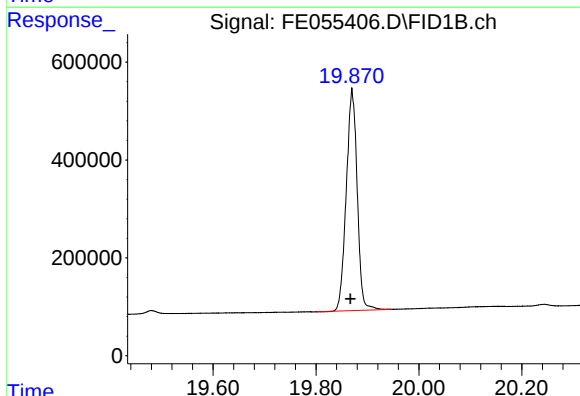
R.T.: 18.252 min
Delta R.T.: 0.004 min
Response: 6426561
Conc: 52.23 ug/ml

Instrument :
FID_E
ClientSampleId :
PB169321BS



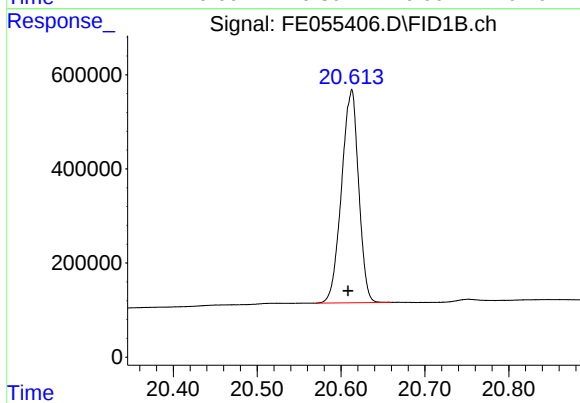
#18 n-Dotriacontane (C32)

R.T.: 19.085 min
Delta R.T.: 0.003 min
Response: 6466127
Conc: 53.00 ug/ml



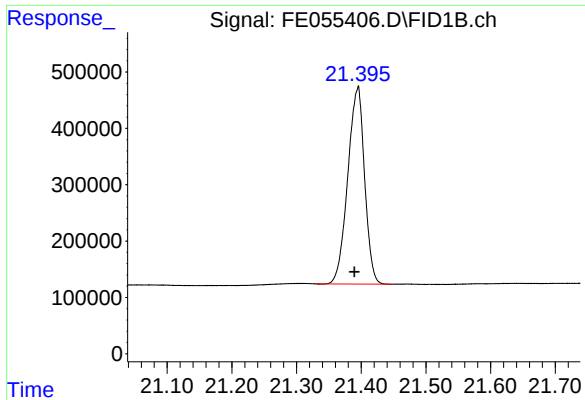
#19 n-Tetratriacontane (C34)

R.T.: 19.870 min
Delta R.T.: 0.004 min
Response: 6673627
Conc: 57.08 ug/ml



#20 n-Hexatriacontane (C36)

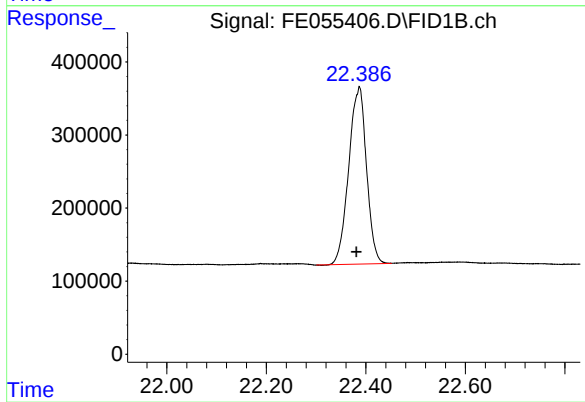
R.T.: 20.612 min
Delta R.T.: 0.004 min
Response: 6411777
Conc: 58.66 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.394 min
Delta R.T.: 0.005 min
Response: 6314988
Conc: 58.43 ug/ml

Instrument :
FID_E
ClientSampleId :
PB169321BS



#22 n-Tetracontane (C40)

R.T.: 22.387 min
Delta R.T.: 0.006 min
Response: 6003108
Conc: 57.41 ug/ml