

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC072825AL\
 Data File : FC069545.D
 Signal(s) : FID1A.ch
 Acq On : 28 Jul 2025 13:51
 Operator : YP/AJ
 Sample : PB169002BS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 PB169002BS

Integration File: sample.E
 Quant Time: Jul 29 01:15:01 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 071525.M
 Quant Title : GC Extractables
 QLast Update : Tue Jul 15 12:35:59 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)	11.676	5069931	34.163 ug/ml
Spiked Amount 50.000		Recovery =	68.33%
12) S 1-chlorooctadecane (S...	13.111	3951100	34.962 ug/ml
Spiked Amount 50.000		Recovery =	69.92%
Target Compounds			
1) T n-Nonane (C9)	3.412	4526793	33.265 ug/ml
2) T n-Decane (C10)	4.481	4904721	35.240 ug/ml
3) T A~Naphthalene (C11.7)	6.075	5635901	37.297 ug/ml
4) T n-Dodecane (C12)	6.503	5109803	36.052 ug/ml
5) T A~2-methylnaphthalene...	7.135	5173972	35.415 ug/ml
6) T n-Tetradecane (C14)	8.304	5016686	35.283 ug/ml
7) T n-Hexadecane (C16)	9.908	4971704	34.062 ug/ml
8) T n-Octadecane (C18)	11.353	4771477	33.170 ug/ml
10) T n-Eicosane (C20)	12.666	4724032	35.188 ug/ml
11) T n-Heneicosane (C21)	13.277	4454458	34.294 ug/ml
13) T n-Docosane (C22)	13.866	4341002	34.179 ug/ml
14) T n-Tetracosane (C24)	14.966	8438867	69.141 ug/ml
15) T n-Hexacosane (C26)	15.995	4009073	34.507 ug/ml
16) T n-Octacosane (C28)	16.945	3862466	34.887 ug/ml
17) T n-Tricontane (C30)	17.835	3879566	35.430 ug/ml
18) T n-Dotriacontane (C32)	18.669	3948703	38.052 ug/ml
19) T n-Tetratriacontane (C34)	19.454	4227783	44.867 ug/ml
20) T n-Hexatriacontane (C36)	20.195	4236225	51.287 ug/ml
21) T n-Octatriacontane (C38)	20.963	4542969	59.812 ug/ml
22) T n-Tetracontane (C40)	21.932	4370750	59.670 ug/ml

(f)=RT Delta > 1/2 Window

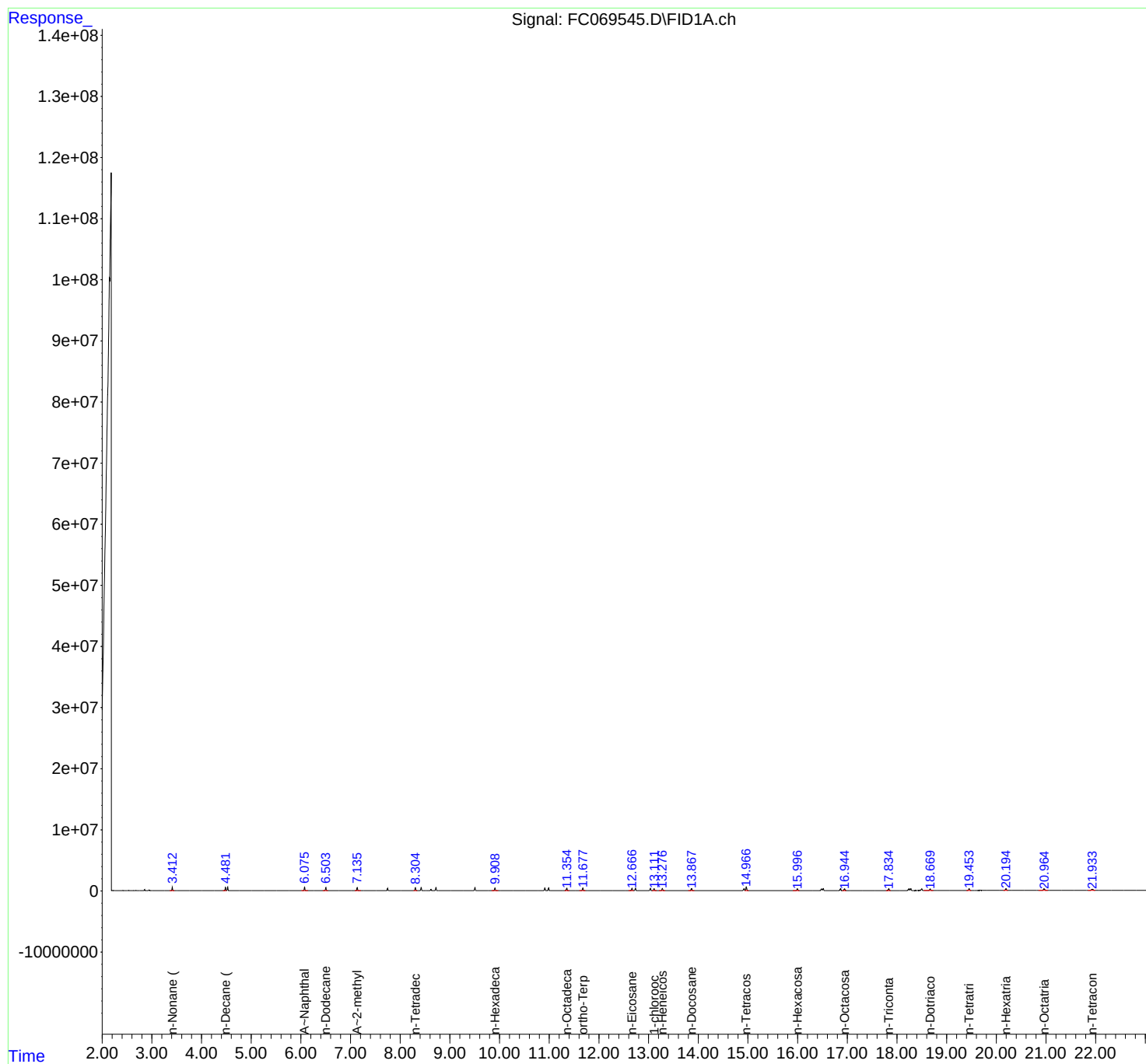
(m)=manual int.

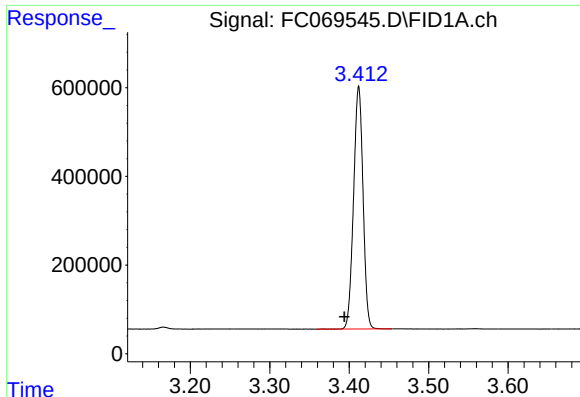
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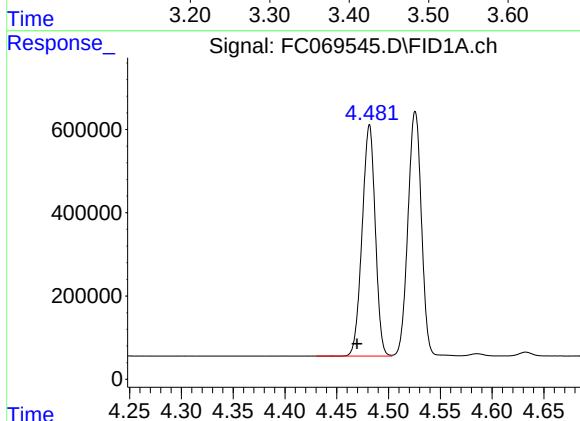




#1 n-Nonane (C9)

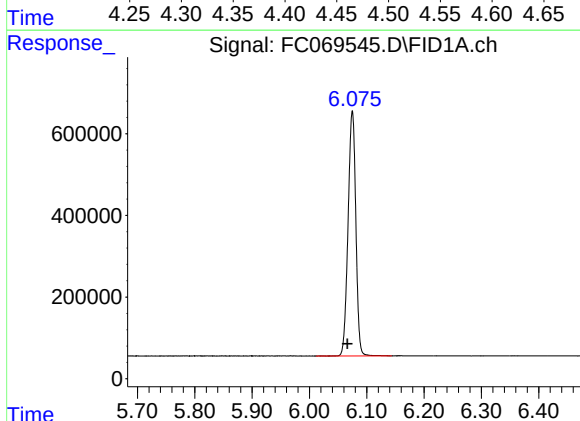
R.T.: 3.412 min
Delta R.T.: 0.018 min
Response: 4526793
Conc: 33.27 ug/ml

Instrument :
FID_C
ClientSampleId :
PB169002BS



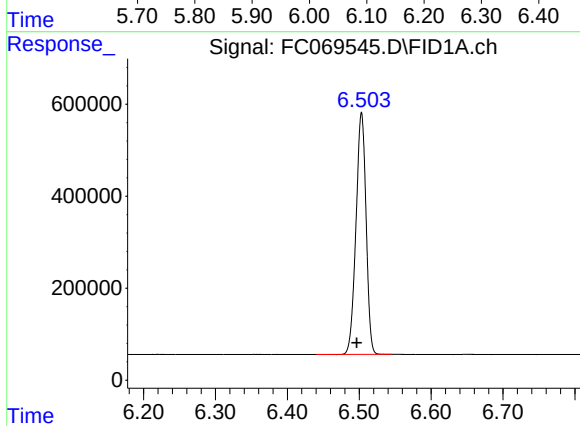
#2 n-Decane (C10)

R.T.: 4.481 min
Delta R.T.: 0.012 min
Response: 4904721
Conc: 35.24 ug/ml



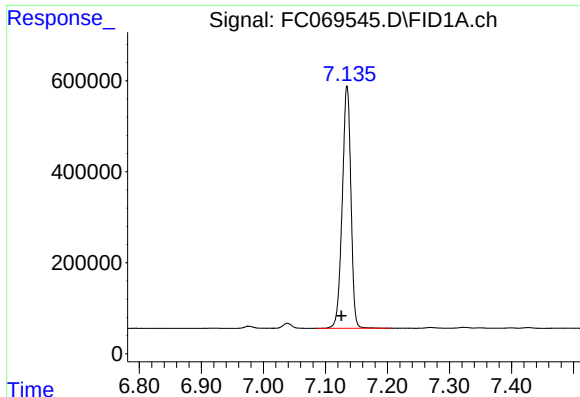
#3 A~Naphthalene (C11.7)

R.T.: 6.075 min
Delta R.T.: 0.009 min
Response: 5635901
Conc: 37.30 ug/ml



#4 n-Dodecane (C12)

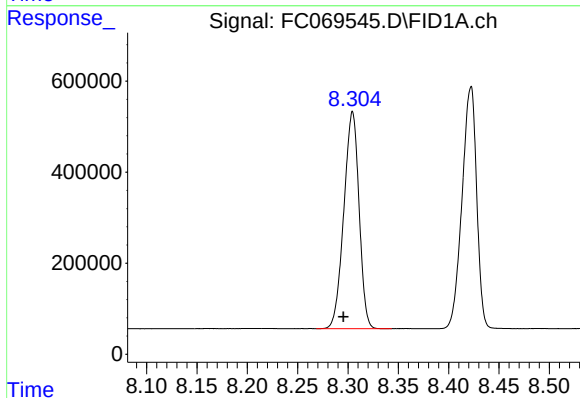
R.T.: 6.503 min
Delta R.T.: 0.007 min
Response: 5109803
Conc: 36.05 ug/ml



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

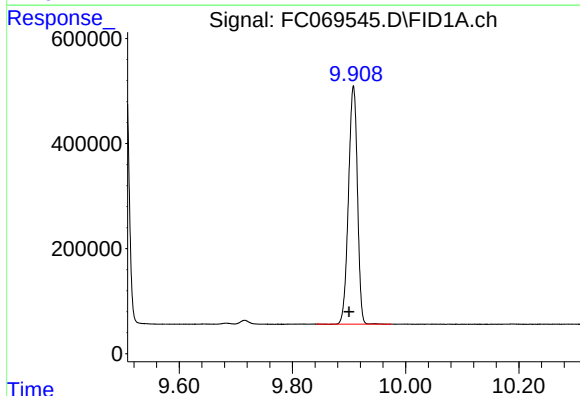
R.T.: 7.135 min
Delta R.T.: 0.009 min
Response: 5173972
Conc: 35.42 ug/ml

Instrument :
FID_C
ClientSampleId :
PB169002BS



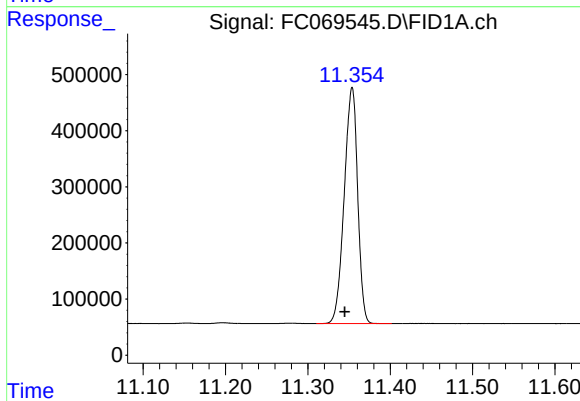
#6 n-Tetradecane (C14)

R.T.: 8.304 min
Delta R.T.: 0.009 min
Response: 5016686
Conc: 35.28 ug/ml



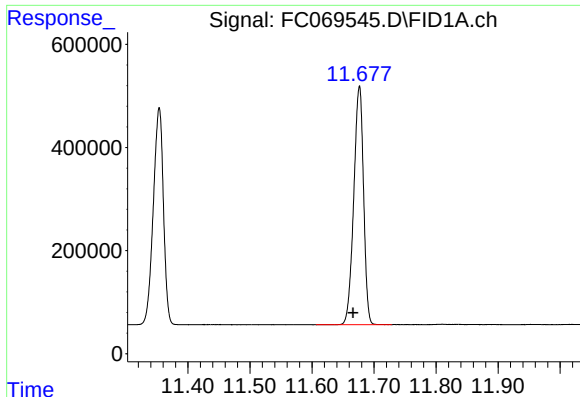
#7 n-Hexadecane (C16)

R.T.: 9.908 min
Delta R.T.: 0.008 min
Response: 4971704
Conc: 34.06 ug/ml



#8 n-Octadecane (C18)

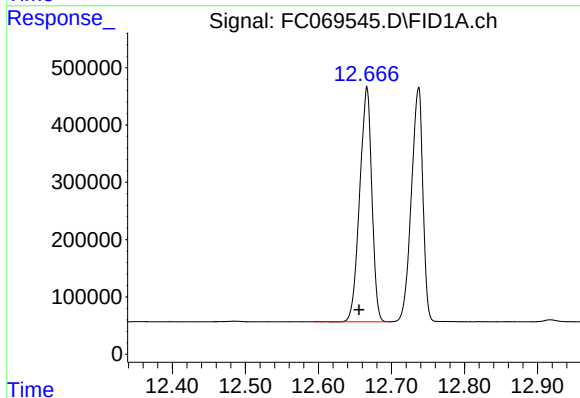
R.T.: 11.353 min
Delta R.T.: 0.009 min
Response: 4771477
Conc: 33.17 ug/ml



#9 ortho-Terphenyl (SURR)

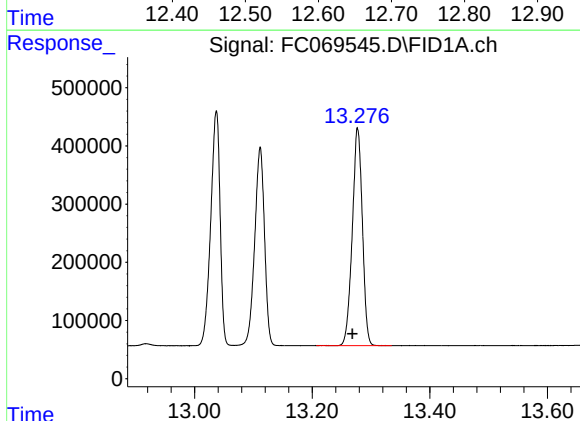
R.T.: 11.676 min
Delta R.T.: 0.010 min
Response: 5069931
Conc: 34.16 ug/ml

Instrument :
FID_C
ClientSampleId :
PB169002BS



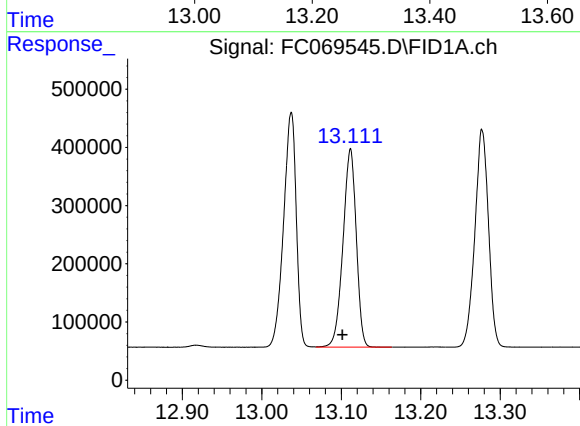
#10 n-Eicosane (C20)

R.T.: 12.666 min
Delta R.T.: 0.010 min
Response: 4724032
Conc: 35.19 ug/ml



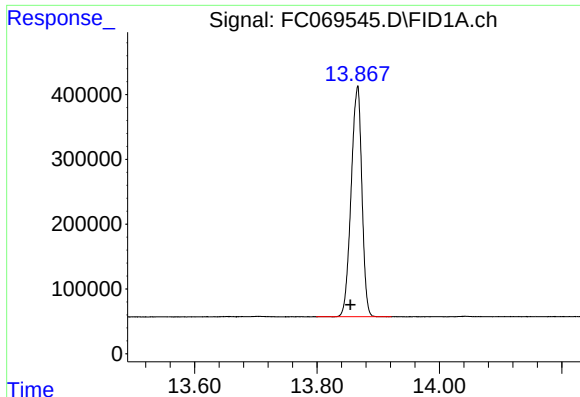
#11 n-Heneicosane (C21)

R.T.: 13.277 min
Delta R.T.: 0.009 min
Response: 4454458
Conc: 34.29 ug/ml



#12 1-chlorooctadecane (SURR)

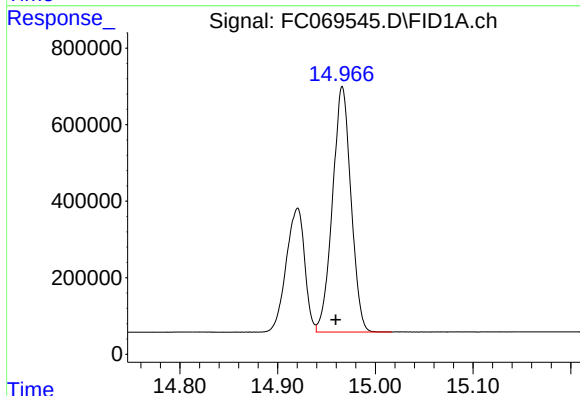
R.T.: 13.111 min
Delta R.T.: 0.010 min
Response: 3951100
Conc: 34.96 ug/ml



#13 n-Docosane (C22)

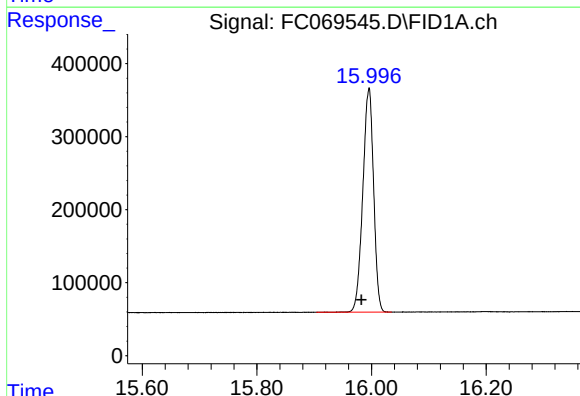
R.T.: 13.866 min
Delta R.T.: 0.011 min
Response: 4341002
Conc: 34.18 ug/ml

Instrument :
FID_C
ClientSampleId :
PB169002BS



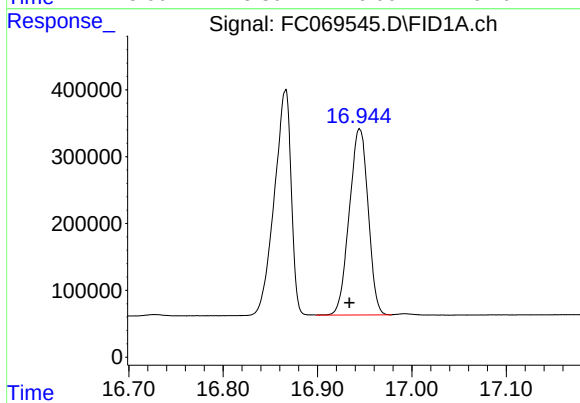
#14 n-Tetracosane (C24)

R.T.: 14.966 min
Delta R.T.: 0.007 min
Response: 8438867
Conc: 69.14 ug/ml



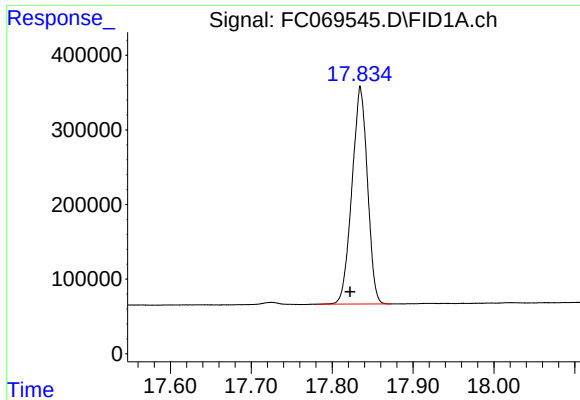
#15 n-Hexacosane (C26)

R.T.: 15.995 min
Delta R.T.: 0.013 min
Response: 4009073
Conc: 34.51 ug/ml



#16 n-Octacosane (C28)

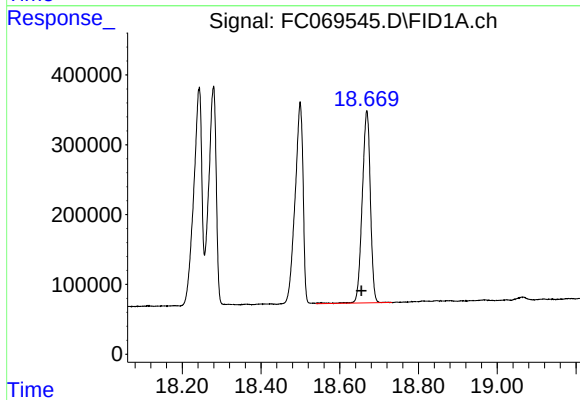
R.T.: 16.945 min
Delta R.T.: 0.011 min
Response: 3862466
Conc: 34.89 ug/ml



#17 n-Tricontane (C30)

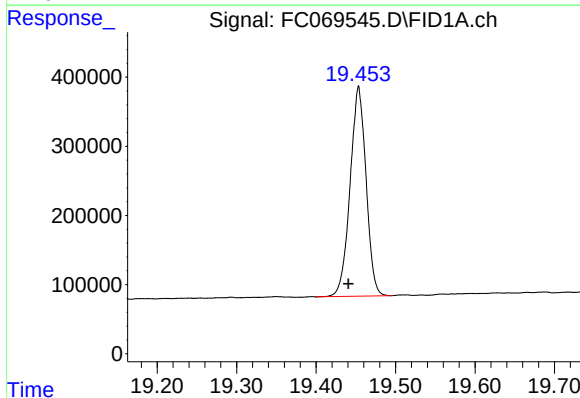
R.T.: 17.835 min
Delta R.T.: 0.013 min
Response: 3879566
Conc: 35.43 ug/ml

Instrument :
FID_C
ClientSampleId :
PB169002BS



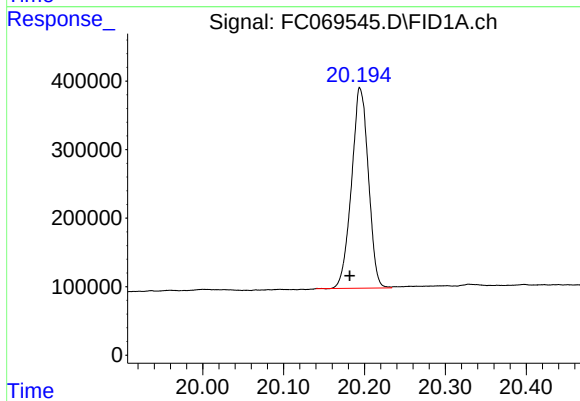
#18 n-Dotriacontane (C32)

R.T.: 18.669 min
Delta R.T.: 0.013 min
Response: 3948703
Conc: 38.05 ug/ml



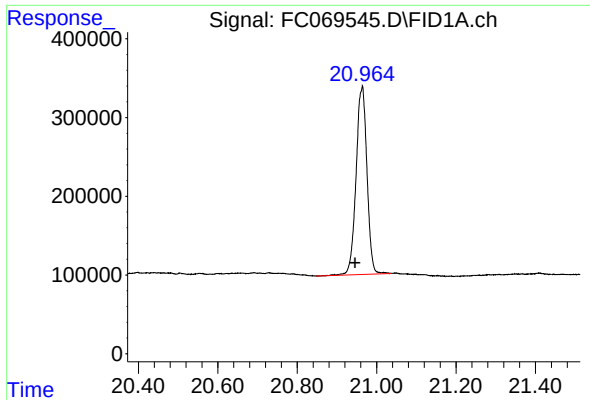
#19 n-Tetratriacontane (C34)

R.T.: 19.454 min
Delta R.T.: 0.013 min
Response: 4227783
Conc: 44.87 ug/ml



#20 n-Hexatriacontane (C36)

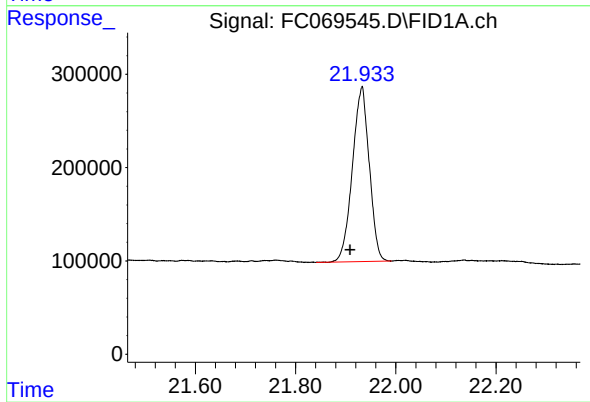
R.T.: 20.195 min
Delta R.T.: 0.013 min
Response: 4236225
Conc: 51.29 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.963 min
Delta R.T.: 0.017 min
Response: 4542969
Conc: 59.81 ug/ml

Instrument :
FID_C
ClientSampleId :
PB169002BS



#22 n-Tetracontane (C40)

R.T.: 21.932 min
Delta R.T.: 0.023 min
Response: 4370750
Conc: 59.67 ug/ml