

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE101223AL\
 Data File : FE044805.D
 Signal(s) : FID1B.ch
 Acq On : 12 Oct 2023 05:47
 Operator : YP\AJ
 Sample : 5 PPM ALIPHATIC HC STD5
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 5 PPM ALIPHATIC HC STD5

Integration File: autoint1.e
 Quant Time: Oct 12 06:14:46 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 101223.M
 Quant Title : GC Extractables
 QLast Update : Thu Oct 12 06:14:39 2023
 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)	11.912	1078402	5.379 ug/ml
Spiked Amount 50.000		Recovery =	10.76%
12) S 1-chlorooctadecane (S...	13.353	791247	5.347 ug/ml
Spiked Amount 50.000		Recovery =	10.69%
Target Compounds			
1) T n-Nonane (C9)	3.296	899028	5.359 ug/ml
2) T n-Decane (C10)	4.547	910492	5.345 ug/ml
3) T A~Naphthalene (C11.7)	6.249	976122	5.273 ug/ml
4) T n-Dodecane (C12)	6.712	918422	5.320 ug/ml
5) T A~2-methylnaphthalene...	7.344	939040	5.206 ug/ml
6) T n-Tetradecane (C14)	8.539	911028	5.313 ug/ml
7) T n-Hexadecane (C16)	10.150	935322	5.349 ug/ml
8) T n-Octadecane (C18)	11.596	935934	5.366 ug/ml
10) T n-Eicosane (C20)	12.908	900567	5.392 ug/ml
11) T n-Heneicosane (C21)	13.521	878541	5.389 ug/ml
13) T n-Docosane (C22)	14.109	862647	5.393 ug/ml
14) T n-Tetracosane (C24)	15.214	836998	5.393 ug/ml
15) T n-Hexacosane (C26)	16.237	809937	5.395 ug/ml
16) T n-Octacosane (C28)	17.188	798311	5.436 ug/ml
17) T n-Tricontane (C30)	18.077	811607	5.457 ug/ml
18) T n-Dotriacontane (C32)	18.910	829103	5.524 ug/ml
19) T n-Tetratriacontane (C34)	19.695	817705	5.493 ug/ml
20) T n-Hexatriacontane (C36)	20.437	843227	5.485 ug/ml
21) T n-Octatriacontane (C38)	21.177	841007	5.384 ug/ml
22) T n-Tetracontane (C40)	22.096	908410	5.436 ug/ml

(f)=RT Delta > 1/2 Window

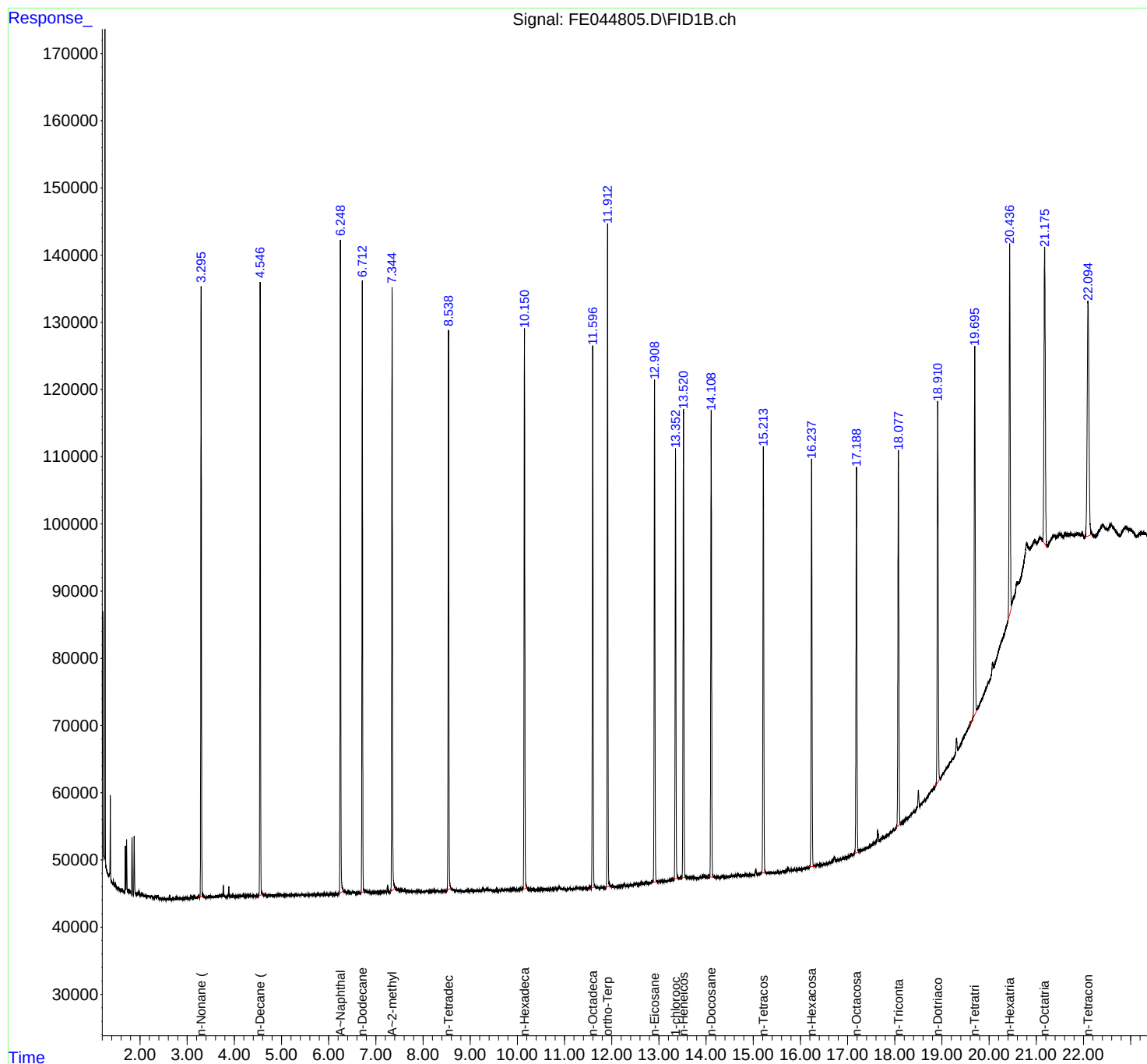
(m)=manual int.

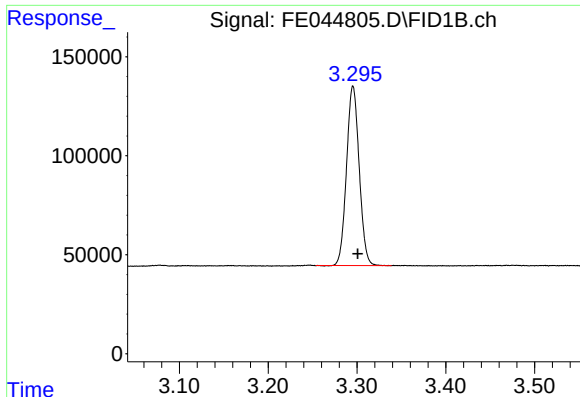
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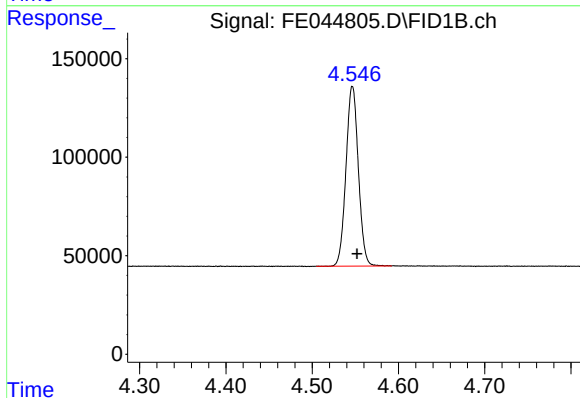




#1 n-Nonane (C9)

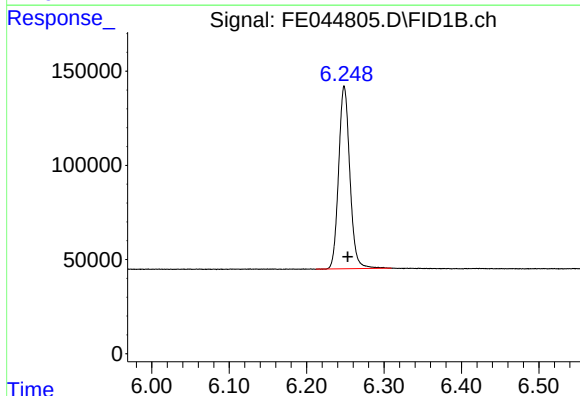
R.T.: 3.296 min
Delta R.T.: -0.005 min
Response: 899028
Conc: 5.36 ug/ml

Instrument :
FID_E
ClientSampleId :
5 PPM ALIPHATIC HC STD5



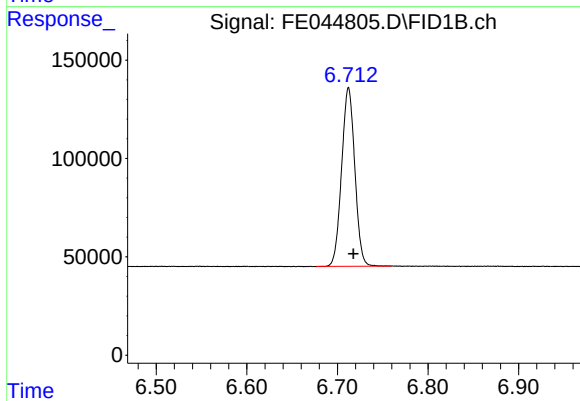
#2 n-Decane (C10)

R.T.: 4.547 min
Delta R.T.: -0.005 min
Response: 910492
Conc: 5.34 ug/ml



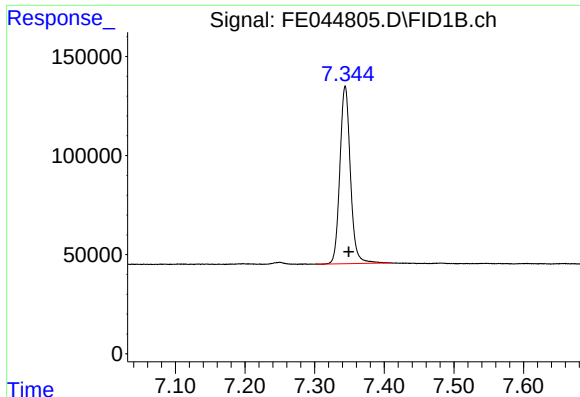
#3 A~Naphthalene (C11.7)

R.T.: 6.249 min
Delta R.T.: -0.005 min
Response: 976122
Conc: 5.27 ug/ml



#4 n-Dodecane (C12)

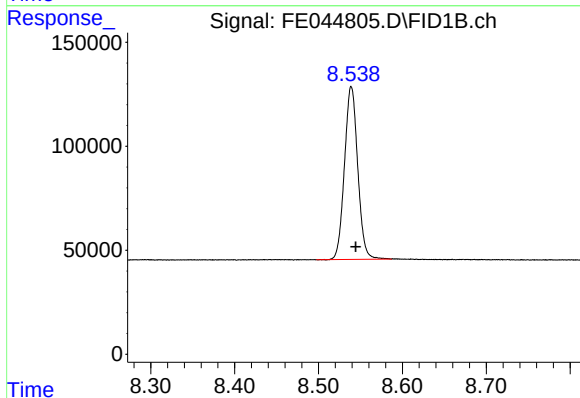
R.T.: 6.712 min
Delta R.T.: -0.005 min
Response: 918422
Conc: 5.32 ug/ml



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

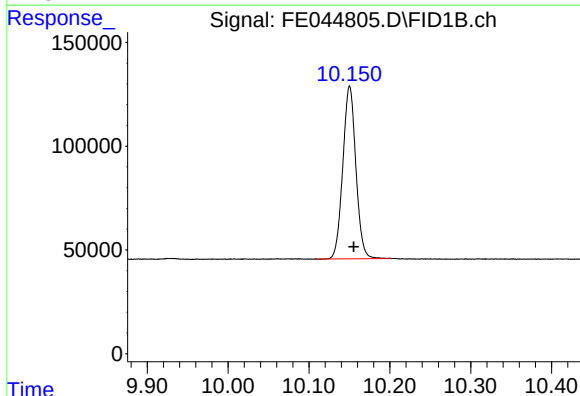
R.T.: 7.344 min
Delta R.T.: -0.005 min
Response: 939040
Conc: 5.21 ug/ml

Instrument :
FID_E
ClientSampleId :
5 PPM ALIPHATIC HC STD5



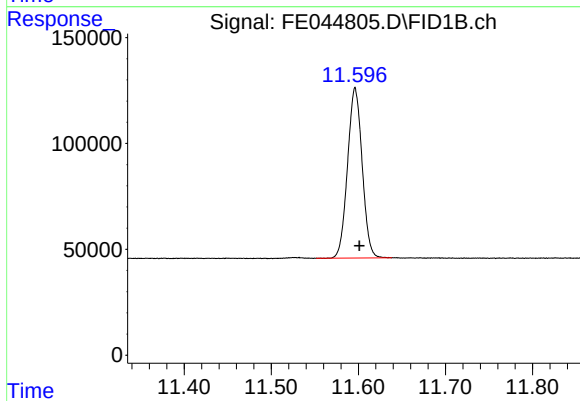
#6 n-Tetradecane (C14)

R.T.: 8.539 min
Delta R.T.: -0.005 min
Response: 911028
Conc: 5.31 ug/ml



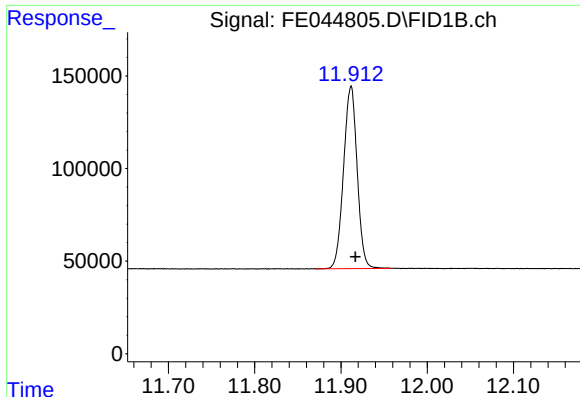
#7 n-Hexadecane (C16)

R.T.: 10.150 min
Delta R.T.: -0.005 min
Response: 935322
Conc: 5.35 ug/ml



#8 n-Octadecane (C18)

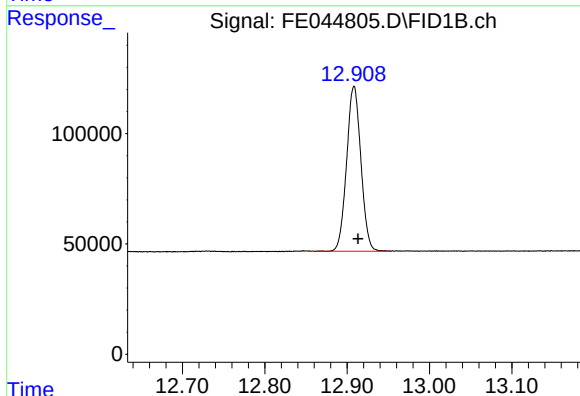
R.T.: 11.596 min
Delta R.T.: -0.005 min
Response: 935934
Conc: 5.37 ug/ml



#9 ortho-Terphenyl (SURR)

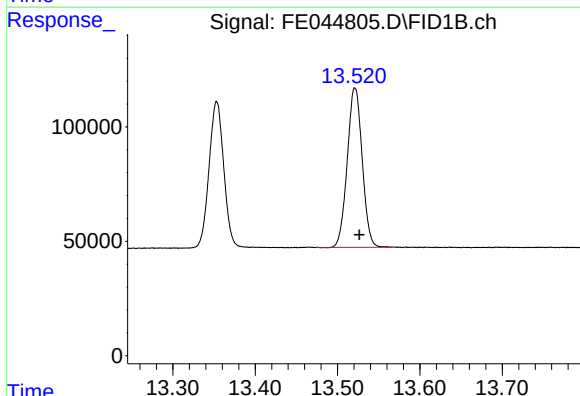
R.T.: 11.912 min
Delta R.T.: -0.005 min
Response: 1078402
Conc: 5.38 ug/ml

Instrument :
FID_E
ClientSampleId :
5 PPM ALIPHATIC HC STD5



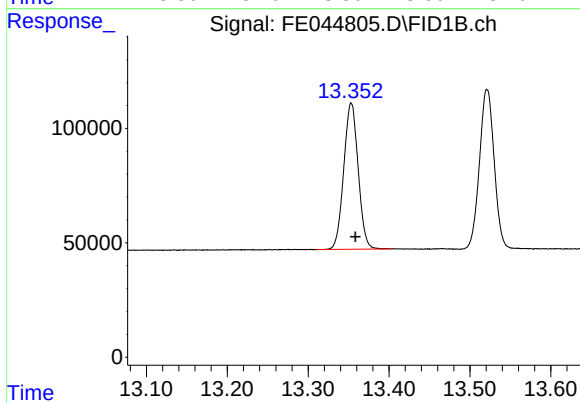
#10 n-Eicosane (C20)

R.T.: 12.908 min
Delta R.T.: -0.005 min
Response: 900567
Conc: 5.39 ug/ml



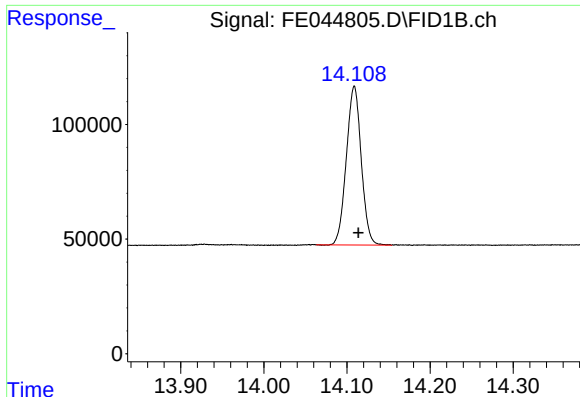
#11 n-Heneicosane (C21)

R.T.: 13.521 min
Delta R.T.: -0.005 min
Response: 878541
Conc: 5.39 ug/ml



#12 1-chlorooctadecane (SURR)

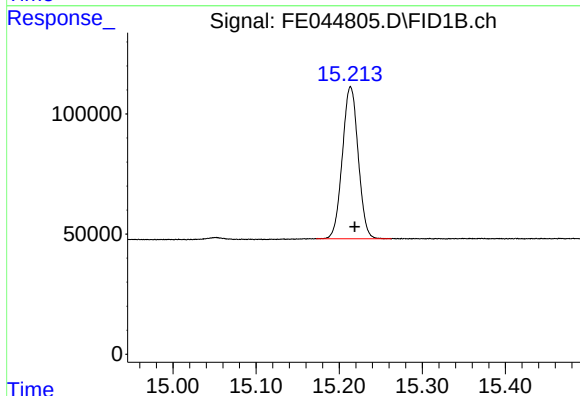
R.T.: 13.353 min
Delta R.T.: -0.005 min
Response: 791247
Conc: 5.35 ug/ml



#13 n-Docosane (C22)

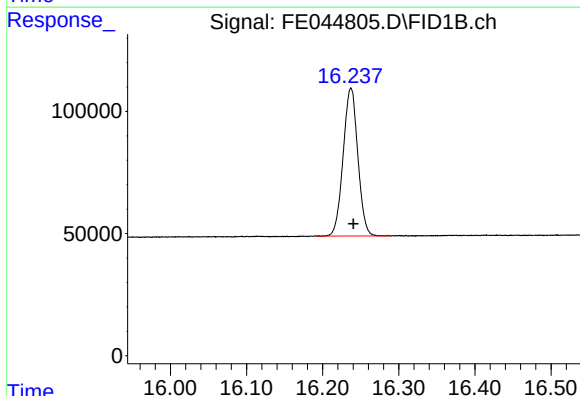
R.T.: 14.109 min
Delta R.T.: -0.005 min
Response: 862647
Conc: 5.39 ug/ml

Instrument :
FID_E
ClientSampleId :
5 PPM ALIPHATIC HC STD5



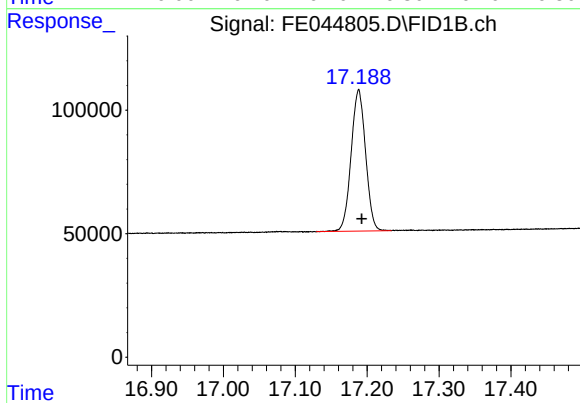
#14 n-Tetracosane (C24)

R.T.: 15.214 min
Delta R.T.: -0.005 min
Response: 836998
Conc: 5.39 ug/ml



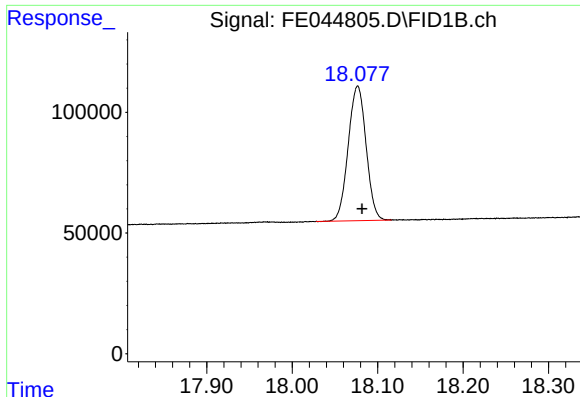
#15 n-Hexacosane (C26)

R.T.: 16.237 min
Delta R.T.: -0.003 min
Response: 809937
Conc: 5.39 ug/ml



#16 n-Octacosane (C28)

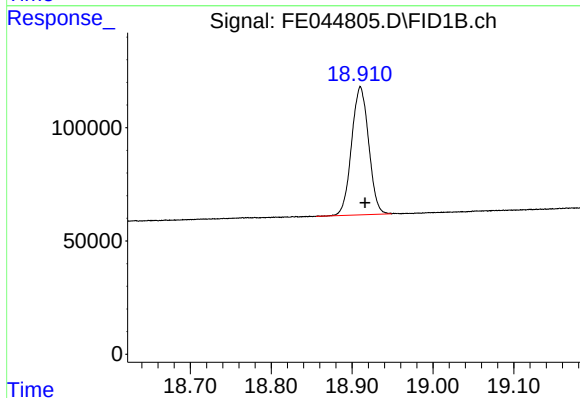
R.T.: 17.188 min
Delta R.T.: -0.004 min
Response: 798311
Conc: 5.44 ug/ml



#17 n-Tricontane (C30)

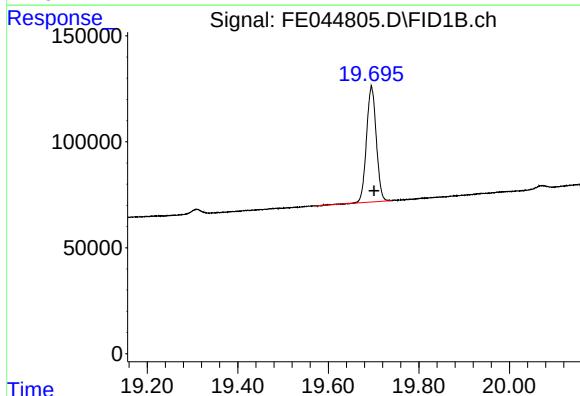
R.T.: 18.077 min
Delta R.T.: -0.005 min
Response: 811607
Conc: 5.46 ug/ml

Instrument :
FID_E
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5 PPM ALIPHATIC HC STD5



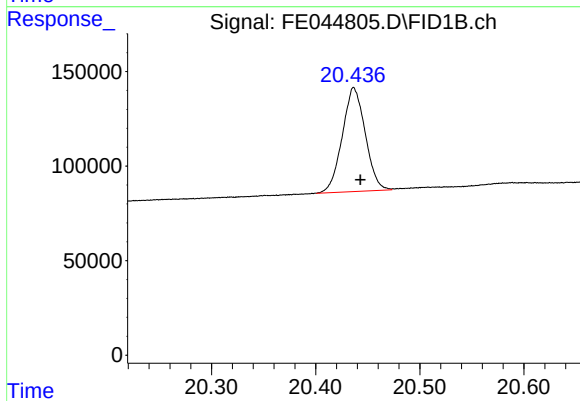
#18 n-Dotriacontane (C32)

R.T.: 18.910 min
Delta R.T.: -0.006 min
Response: 829103
Conc: 5.52 ug/ml



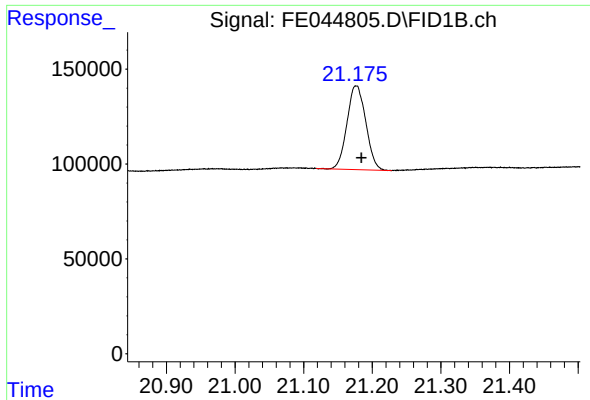
#19 n-Tetratriacontane (C34)

R.T.: 19.695 min
Delta R.T.: -0.006 min
Response: 817705
Conc: 5.49 ug/ml



#20 n-Hexatriacontane (C36)

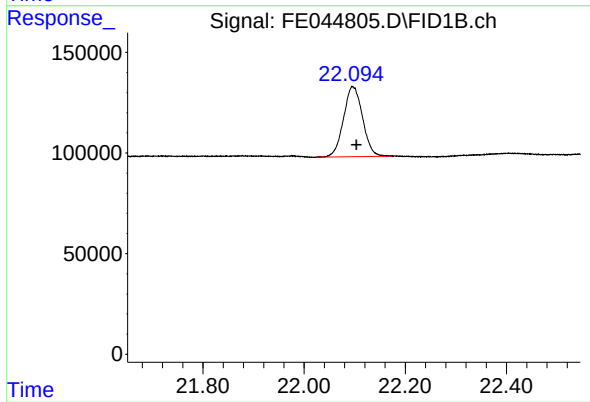
R.T.: 20.437 min
Delta R.T.: -0.006 min
Response: 843227
Conc: 5.48 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.177 min
Delta R.T.: -0.007 min
Response: 841007
Conc: 5.38 ug/ml

Instrument :
FID_E
ClientSampleId :
5 PPM ALIPHATIC HC STD5



#22 n-Tetracontane (C40)

R.T.: 22.096 min
Delta R.T.: -0.008 min
Response: 908410
Conc: 5.44 ug/ml