

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE121724AL\
 Data File : FE051667.D
 Signal(s) : FID1B.ch
 Acq On : 17 Dec 2024 11:39
 Operator : YP\AJ
 Sample : 50 PPM ALIPHATIC HC STD2
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Dec 17 12:57:03 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 121724.M
 Quant Title : GC Extractables
 QLast Update : Tue Dec 17 12:55:12 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)	12.016	7628019	48.519 ug/ml
Spiked Amount 50.000		Recovery =	97.04%
12) S 1-chlorooctadecane (S...	13.436	5936482	48.623 ug/ml
Spiked Amount 50.000		Recovery =	97.25%
Target Compounds			
1) T n-Nonane (C9)	3.488	5689226	48.576 ug/ml
2) T n-Decane (C10)	4.720	5895279	48.415 ug/ml
3) T A~Naphthalene (C11.7)	6.406	6744103	48.208 ug/ml
4) T n-Dodecane (C12)	6.855	6161558	48.141 ug/ml
5) T A~2-methylnaphthalene...	7.489	6698897	48.134 ug/ml
6) T n-Tetradecane (C14)	8.666	6345183	48.009 ug/ml
7) T n-Hexadecane (C16)	10.260	6768078	48.079 ug/ml
8) T n-Octadecane (C18)	11.694	6987918	48.163 ug/ml
10) T n-Eicosane (C20)	12.993	6821484	48.446 ug/ml
11) T n-Heneicosane (C21)	13.601	6736494	48.563 ug/ml
13) T n-Docosane (C22)	14.183	6704044	48.644 ug/ml
14) T n-Tetracosane (C24)	15.278	6622081	48.779 ug/ml
15) T n-Hexacosane (C26)	16.291	6417271	48.865 ug/ml
16) T n-Octacosane (C28)	17.234	6190364	48.602 ug/ml
17) T n-Tricontane (C30)	18.115	6172031	47.714 ug/ml
18) T n-Dotriacontane (C32)	18.942	5849715	46.075 ug/ml
19) T n-Tetratriacontane (C34)	19.719	5105564	46.669 ug/ml
20) T n-Hexatriacontane (C36)	20.453	4454684	47.069 ug/ml
21) T n-Octatriacontane (C38)	21.192	4266029	47.932 ug/ml
22) T n-Tetracontane (C40)	22.116	4314147	46.669 ug/ml

(f)=RT Delta > 1/2 Window

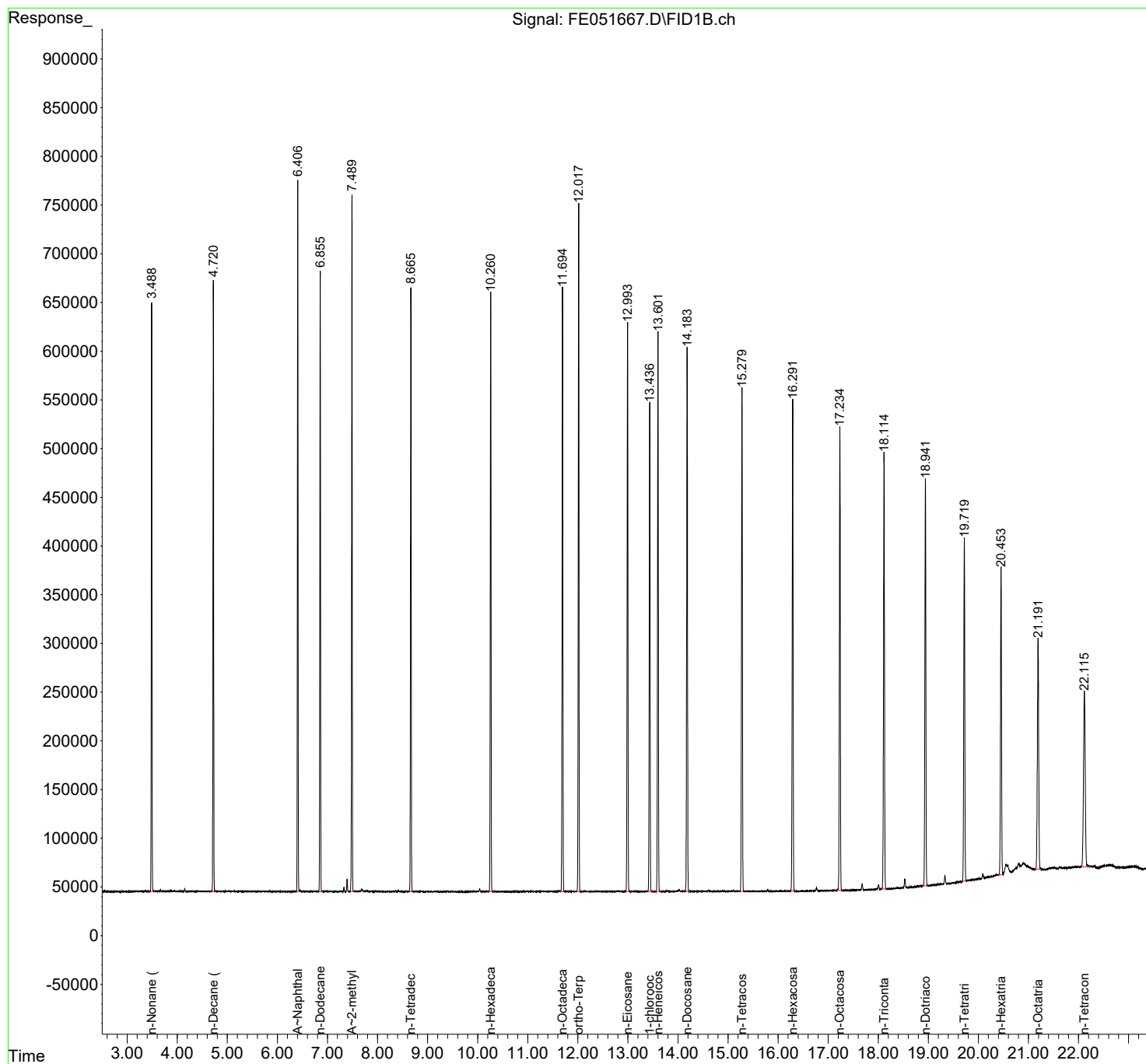
(m)=manual int.

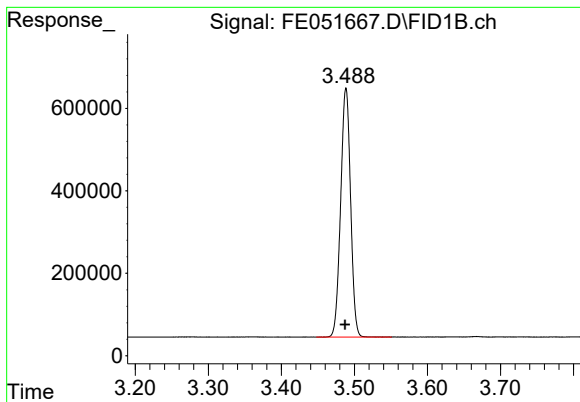
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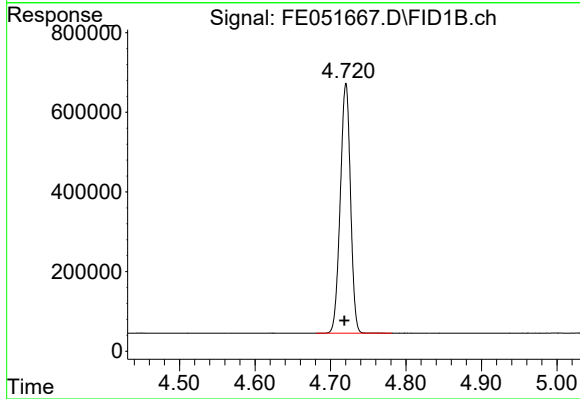




#1 n-Nonane (C9)

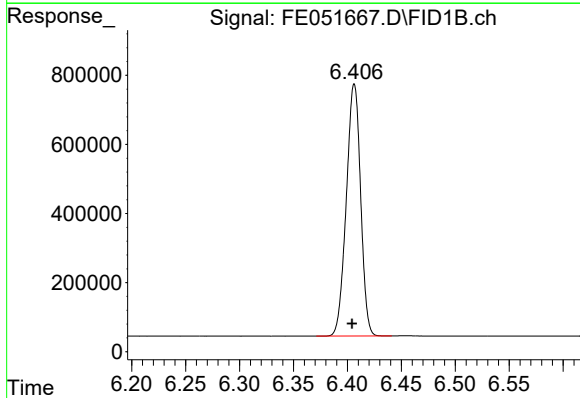
R.T.: 3.488 min
Delta R.T.: 0.001 min
Response: 5689226
Conc: 48.58 ug/ml

Instrument :
FID_E
ClientSampleId :



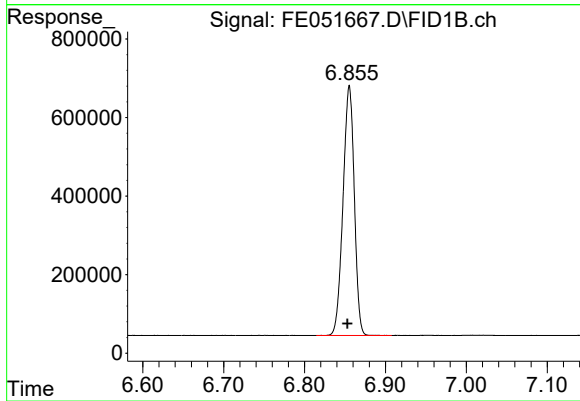
#2 n-Decane (C10)

R.T.: 4.720 min
Delta R.T.: 0.002 min
Response: 5895279
Conc: 48.41 ug/ml



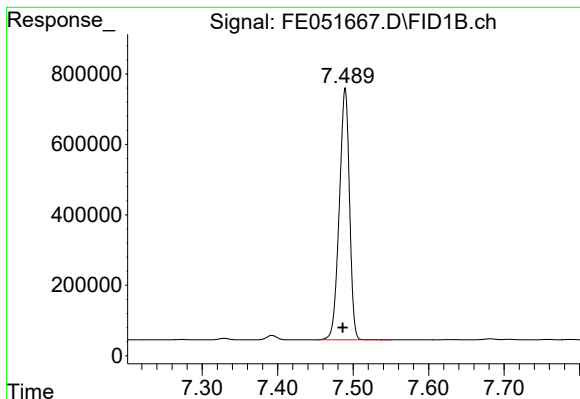
#3 A~Naphthalene (C11.7)

R.T.: 6.406 min
Delta R.T.: 0.002 min
Response: 6744103
Conc: 48.21 ug/ml



#4 n-Dodecane (C12)

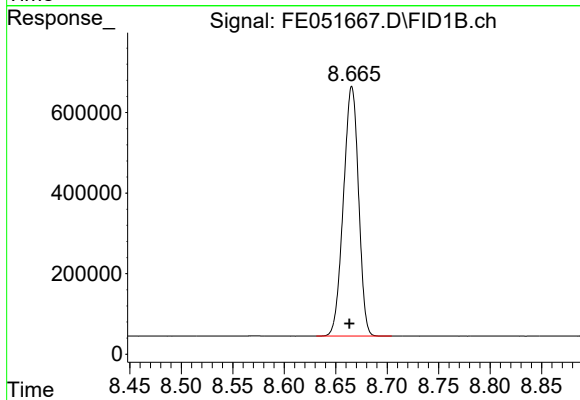
R.T.: 6.855 min
Delta R.T.: 0.002 min
Response: 6161558
Conc: 48.14 ug/ml



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

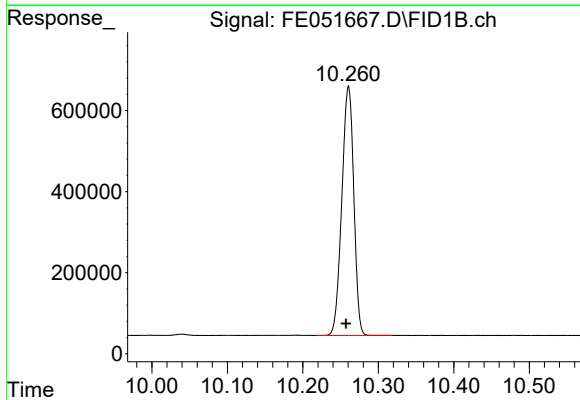
R.T.: 7.489 min
Delta R.T.: 0.003 min
Response: 6698897
Conc: 48.13 ug/ml

Instrument :
FID_E
ClientSampleId :



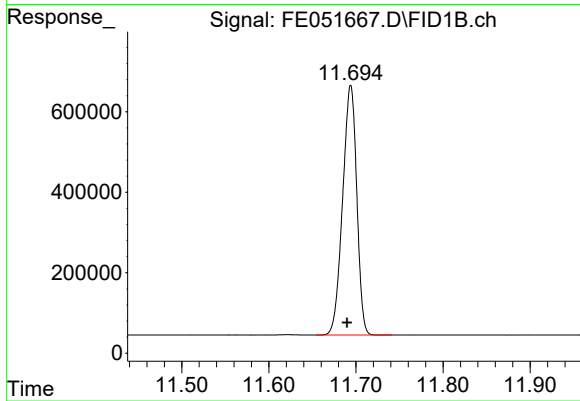
#6 n-Tetradecane (C14)

R.T.: 8.666 min
Delta R.T.: 0.002 min
Response: 6345183
Conc: 48.01 ug/ml



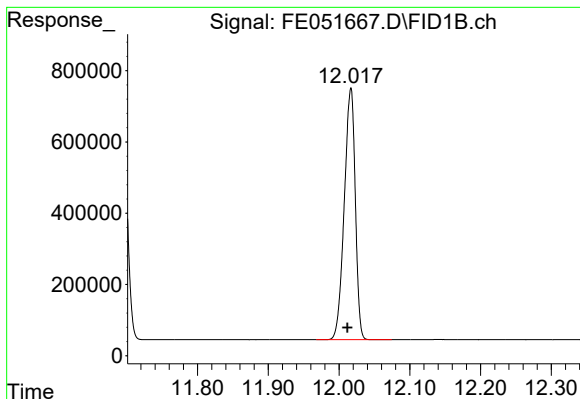
#7 n-Hexadecane (C16)

R.T.: 10.260 min
Delta R.T.: 0.003 min
Response: 6768078
Conc: 48.08 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.694 min
Delta R.T.: 0.004 min
Response: 6987918
Conc: 48.16 ug/ml



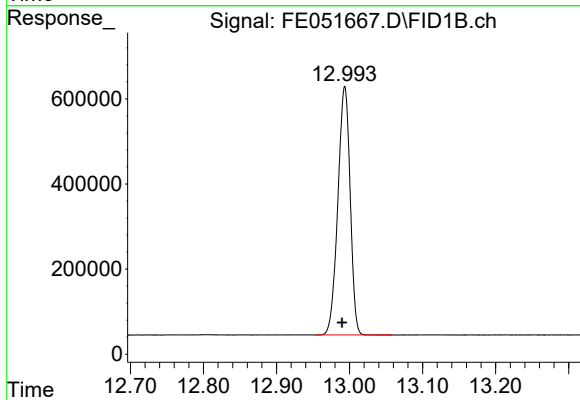
#9 ortho-Terphenyl (SURR)

R.T.: 12.016 min
Delta R.T.: 0.005 min
Response: 7628019
Conc: 48.52 ug/ml

Instrument :

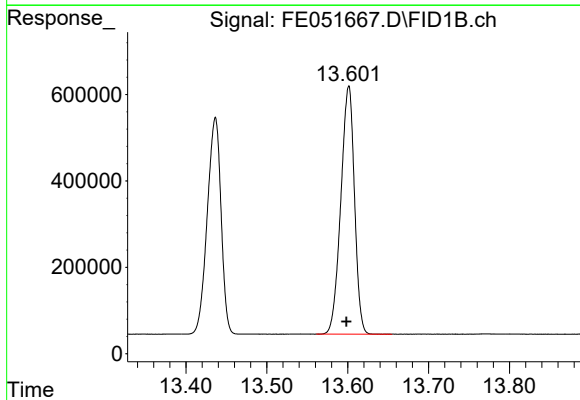
FID_E

ClientSampleId :



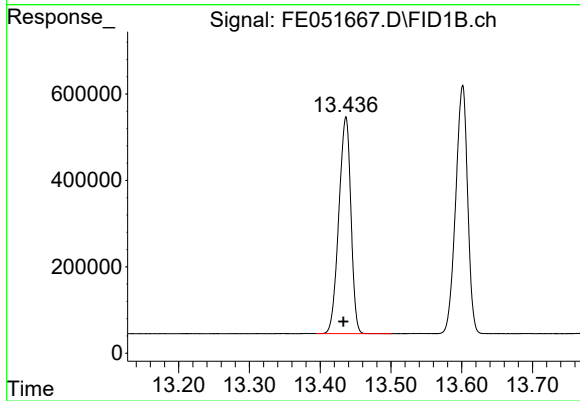
#10 n-Eicosane (C20)

R.T.: 12.993 min
Delta R.T.: 0.003 min
Response: 6821484
Conc: 48.45 ug/ml



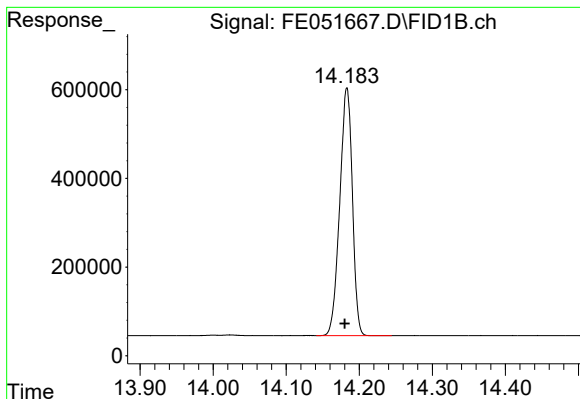
#11 n-Heneicosane (C21)

R.T.: 13.601 min
Delta R.T.: 0.003 min
Response: 6736494
Conc: 48.56 ug/ml



#12 1-chlorooctadecane (SURR)

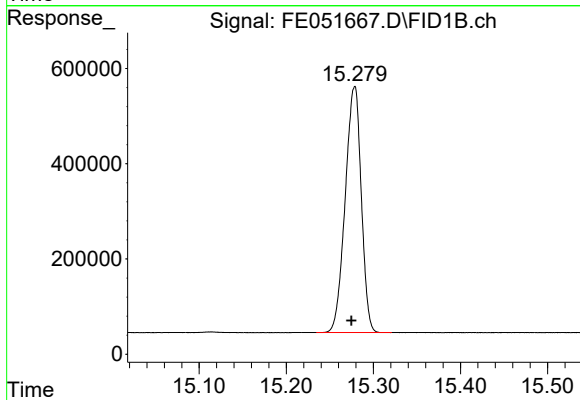
R.T.: 13.436 min
Delta R.T.: 0.003 min
Response: 5936482
Conc: 48.62 ug/ml



#13 n-Docosane (C22)

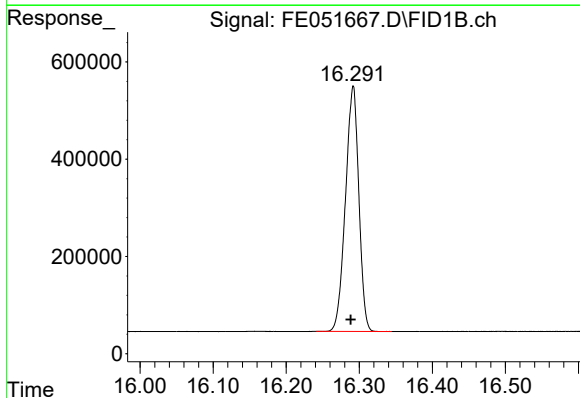
R.T.: 14.183 min
Delta R.T.: 0.003 min
Response: 6704044
Conc: 48.64 ug/ml

Instrument :
FID_E
ClientSampleId :



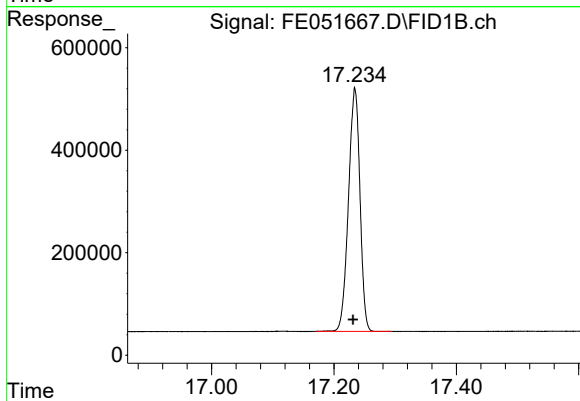
#14 n-Tetracosane (C24)

R.T.: 15.278 min
Delta R.T.: 0.003 min
Response: 6622081
Conc: 48.78 ug/ml



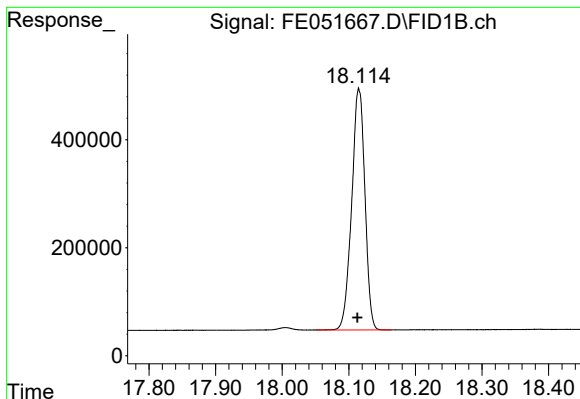
#15 n-Hexacosane (C26)

R.T.: 16.291 min
Delta R.T.: 0.003 min
Response: 6417271
Conc: 48.86 ug/ml



#16 n-Octacosane (C28)

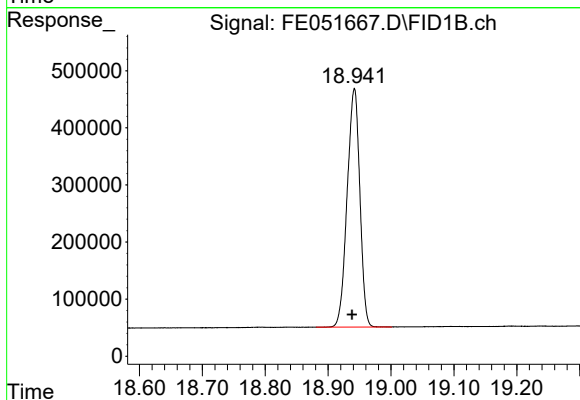
R.T.: 17.234 min
Delta R.T.: 0.003 min
Response: 6190364
Conc: 48.60 ug/ml



#17 n-Tricontane (C30)

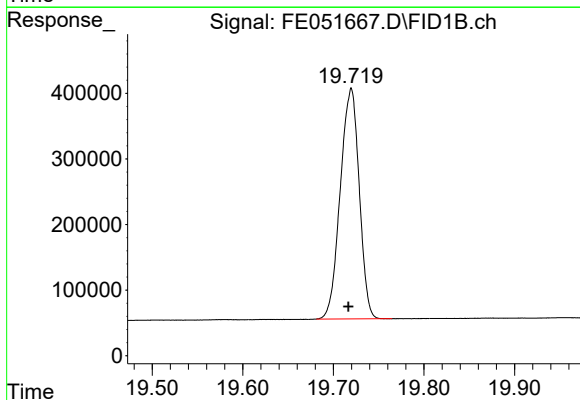
R.T.: 18.115 min
Delta R.T.: 0.002 min
Response: 6172031
Conc: 47.71 ug/ml

Instrument :
FID_E
ClientSampleId :



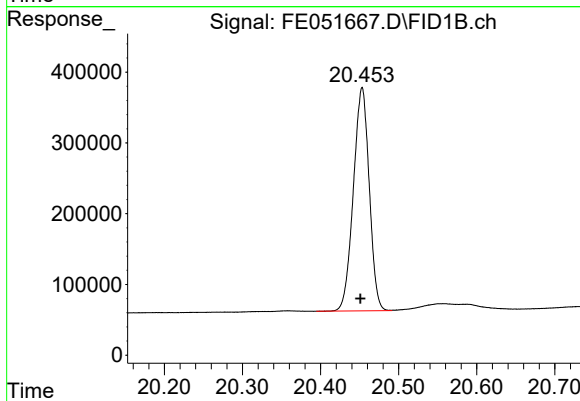
#18 n-Dotriacontane (C32)

R.T.: 18.942 min
Delta R.T.: 0.003 min
Response: 5849715
Conc: 46.07 ug/ml



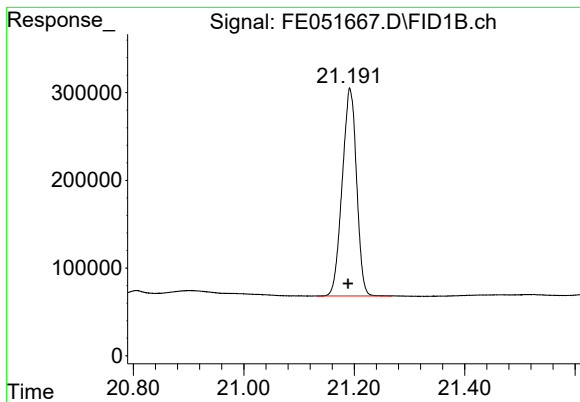
#19 n-Tetratriacontane (C34)

R.T.: 19.719 min
Delta R.T.: 0.003 min
Response: 5105564
Conc: 46.67 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.453 min
Delta R.T.: 0.002 min
Response: 4454684
Conc: 47.07 ug/ml



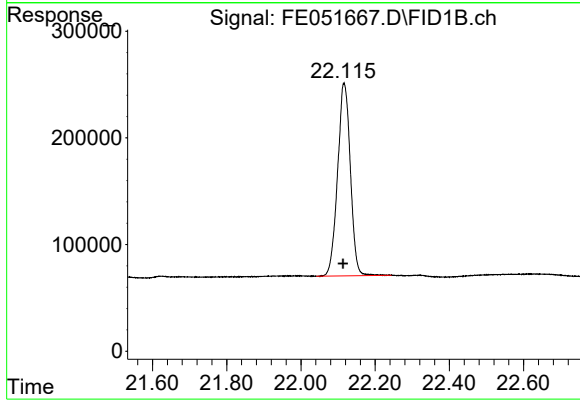
#21 n-Octatriacontane (C38)

R.T.: 21.192 min
Delta R.T.: 0.004 min
Response: 4266029
Conc: 47.93 ug/ml

Instrument :

FID_E

ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 22.116 min
Delta R.T.: 0.003 min
Response: 4314147
Conc: 46.67 ug/ml