

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG062525AL\
 Data File : FG016139.D
 Signal(s) : FID1A.ch
 Acq On : 25 Jun 2025 17:32
 Operator : YP\AJ
 Sample : Q2389-01MS
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 MH-J-IMS

Integration File: autoint1.e
 Quant Time: Jun 26 04:15:57 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 061325.M
 Quant Title : GC Extractables
 QLast Update : Mon Jun 16 06:52:22 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)	12.093	4008220	31.065 ug/ml
Spiked Amount 50.000		Recovery =	62.13%
12) S 1-chlorooctadecane (S...	13.536	3282815	32.579 ug/ml
Spiked Amount 50.000		Recovery =	65.16%
Target Compounds			
1) T n-Nonane (C9)	3.420	2840464	26.253 ug/ml
2) T n-Decane (C10)	4.680	3210052	29.264 ug/ml
3) T A~Naphthalene (C11.7)	6.395	4057352	33.958 ug/ml
4) T n-Dodecane (C12)	6.857	3608029	32.767 ug/ml
5) T A~2-methylnaphthalene...	7.497	4051432	34.833 ug/ml
6) T n-Tetradecane (C14)	8.698	3986713	36.303 ug/ml
7) T n-Hexadecane (C16)	10.315	4321193	37.962 ug/ml
8) T n-Octadecane (C18)	11.768	4431368	38.065 ug/ml
10) T n-Eicosane (C20)	13.088	4636273	40.737 ug/ml
11) T n-Heneicosane (C21)	13.704	4481140	39.582 ug/ml
13) T n-Docosane (C22)	14.295	4477369	39.385 ug/ml
14) T n-Tetracosane (C24)	15.395	9807643	85.054 ug/ml
15) T n-Hexacosane (C26)	16.433	4489148	39.010 ug/ml
16) T n-Octacosane (C28)	17.386	4424105	38.982 ug/ml
17) T n-Tricontane (C30)	18.280	4417039	38.580 ug/ml
18) T n-Dotriacontane (C32)	19.116	4309666	39.527 ug/ml
19) T n-Tetratriacontane (C34)	19.903	4407588	44.551 ug/ml
20) T n-Hexatriacontane (C36)	20.646	4122179	48.565 ug/ml
21) T n-Octatriacontane (C38)	21.435	4087431	54.144 ug/ml
22) T n-Tetracontane (C40)	22.439	3955603	57.204 ug/ml

(f)=RT Delta > 1/2 Window

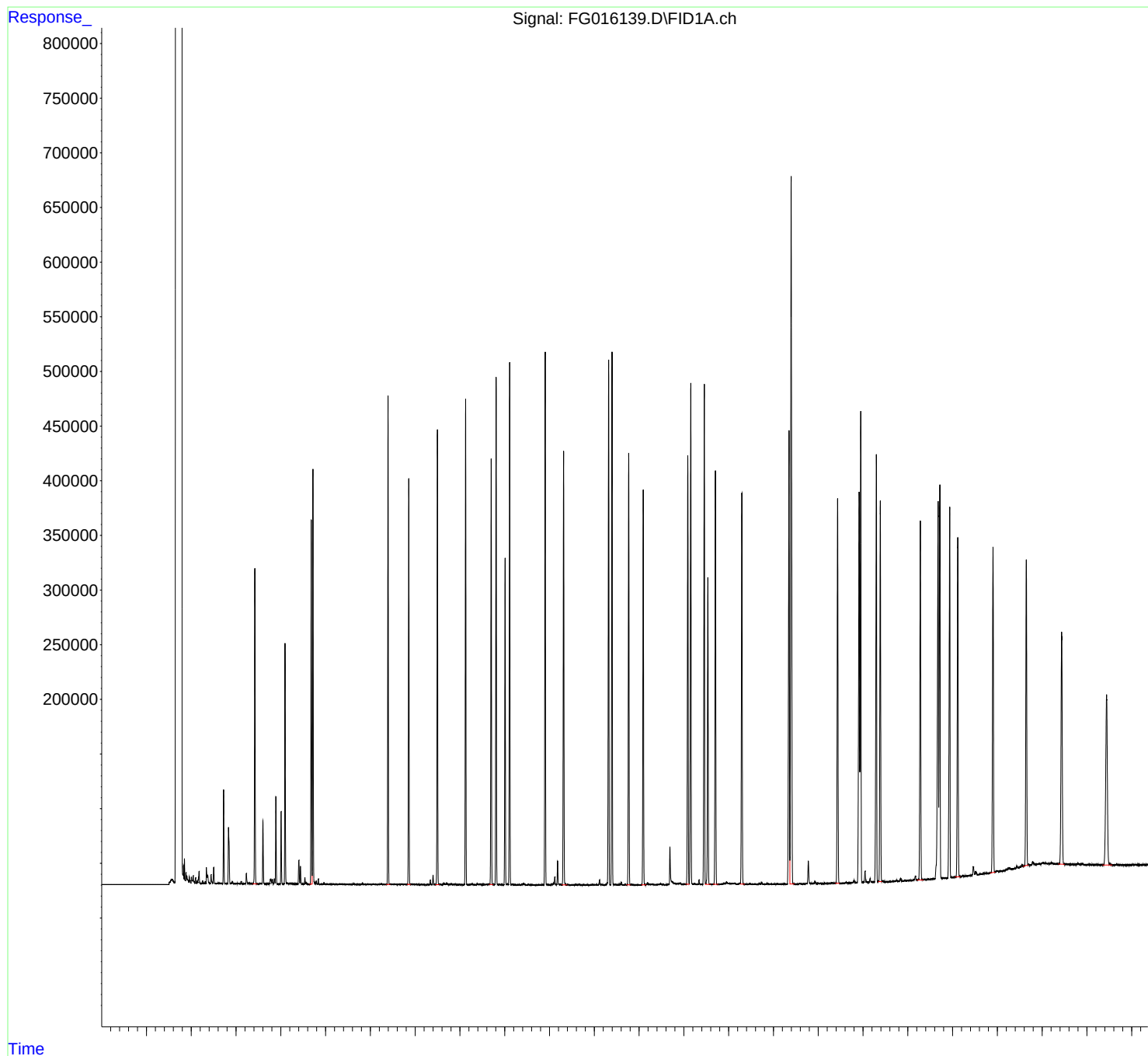
(m)=manual int.

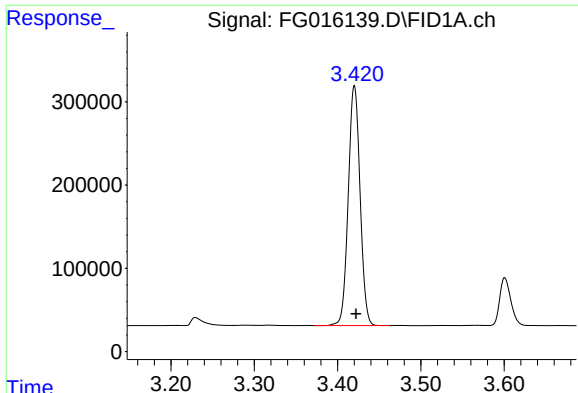
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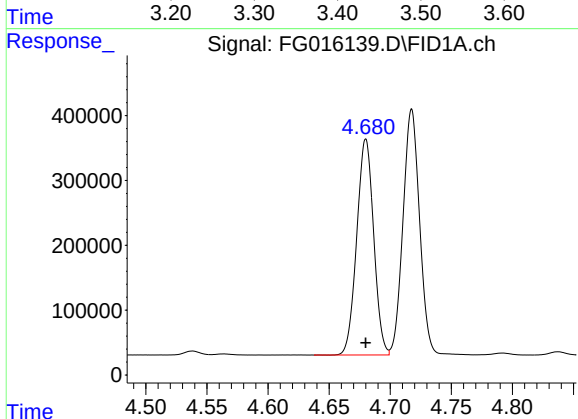




#1 n-Nonane (C9)

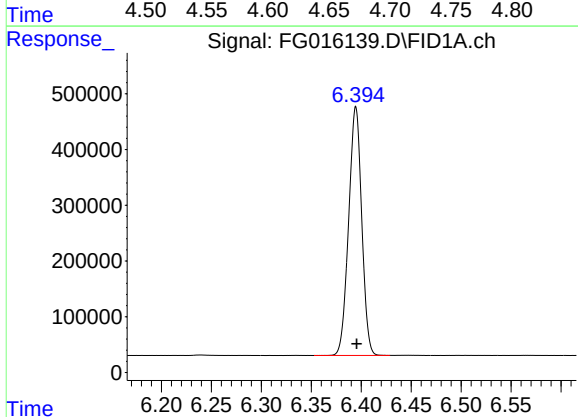
R.T.: 3.420 min
Delta R.T.: -0.002 min
Response: 2840464
Conc: 26.25 ug/ml

Instrument :
FID_G
ClientSampleId :
MH-J-IMS



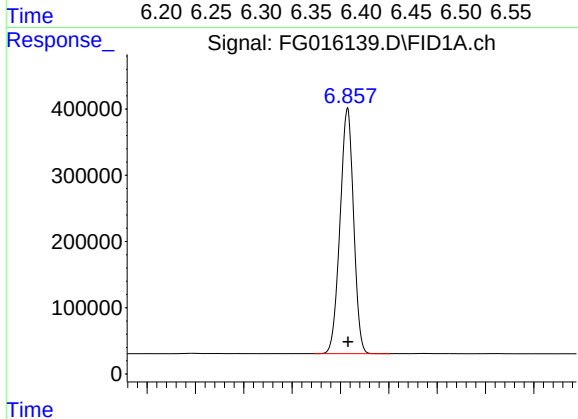
#2 n-Decane (C10)

R.T.: 4.680 min
Delta R.T.: 0.000 min
Response: 3210052
Conc: 29.26 ug/ml



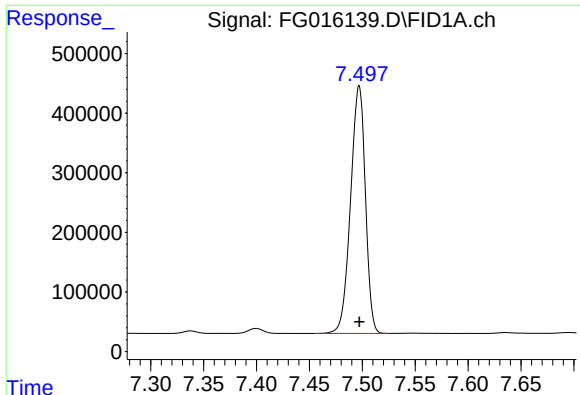
#3 A~Naphthalene (C11.7)

R.T.: 6.395 min
Delta R.T.: 0.000 min
Response: 4057352
Conc: 33.96 ug/ml



#4 n-Dodecane (C12)

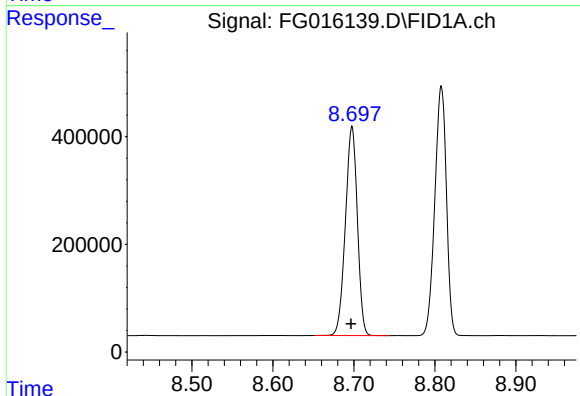
R.T.: 6.857 min
Delta R.T.: 0.000 min
Response: 3608029
Conc: 32.77 ug/ml



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

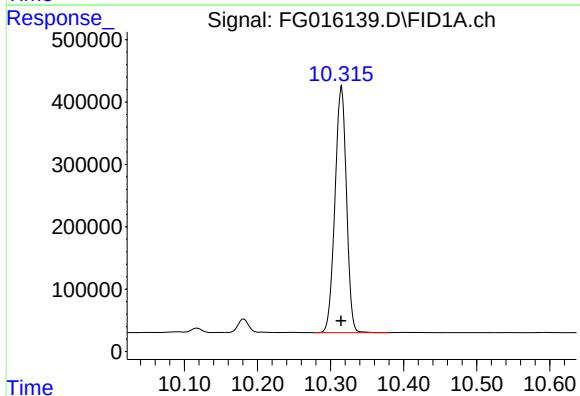
R.T.: 7.497 min
Delta R.T.: 0.000 min
Response: 4051432
Conc: 34.83 ug/ml

Instrument :
FID_G
ClientSampleId :
MH-J-IMS



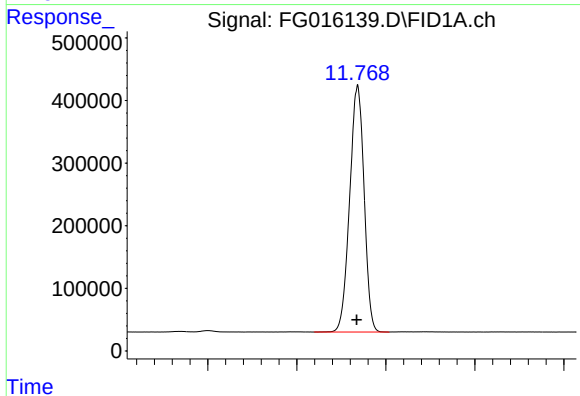
#6 n-Tetradecane (C14)

R.T.: 8.698 min
Delta R.T.: 0.001 min
Response: 3986713
Conc: 36.30 ug/ml



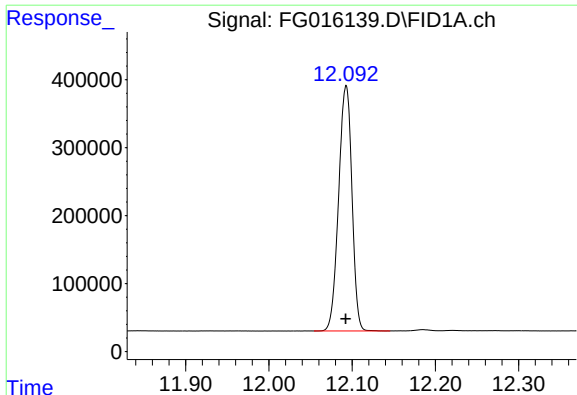
#7 n-Hexadecane (C16)

R.T.: 10.315 min
Delta R.T.: 0.000 min
Response: 4321193
Conc: 37.96 ug/ml



#8 n-Octadecane (C18)

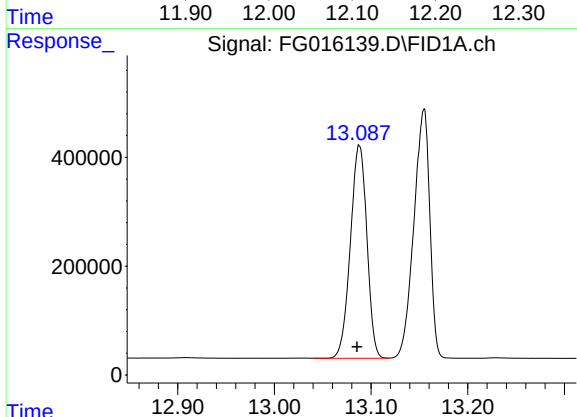
R.T.: 11.768 min
Delta R.T.: 0.000 min
Response: 4431368
Conc: 38.07 ug/ml



#9 ortho-Terphenyl (SURR)

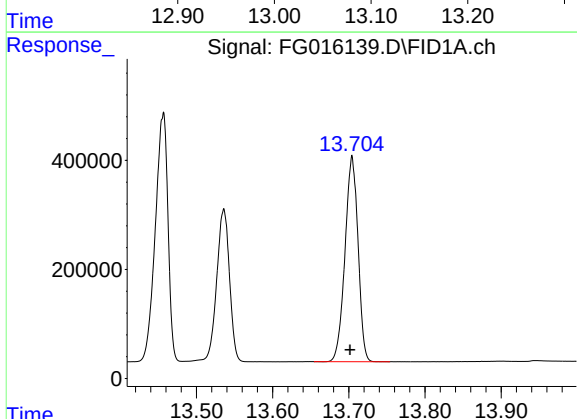
R.T.: 12.093 min
Delta R.T.: 0.000 min
Response: 4008220
Conc: 31.07 ug/ml

Instrument :
FID_G
ClientSampleId :
MH-J-IMS



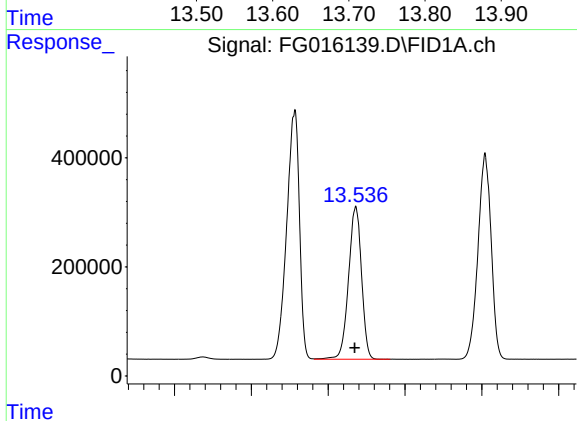
#10 n-Eicosane (C20)

R.T.: 13.088 min
Delta R.T.: 0.002 min
Response: 4636273
Conc: 40.74 ug/ml



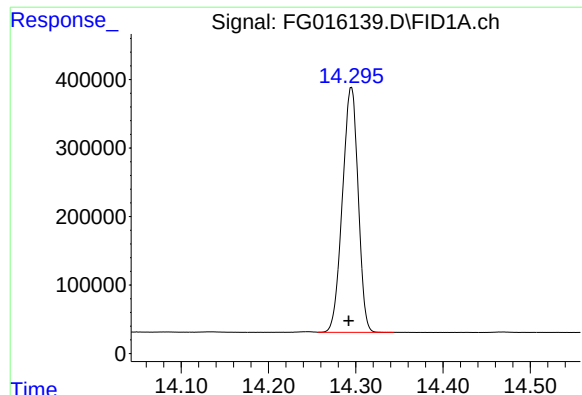
#11 n-Heneicosane (C21)

R.T.: 13.704 min
Delta R.T.: 0.003 min
Response: 4481140
Conc: 39.58 ug/ml



#12 1-chlorooctadecane (SURR)

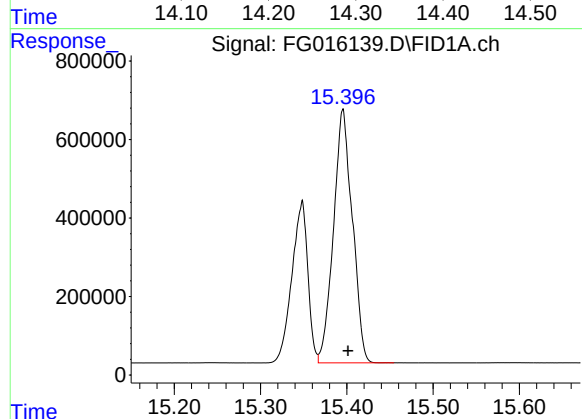
R.T.: 13.536 min
Delta R.T.: 0.002 min
Response: 3282815
Conc: 32.58 ug/ml



#13 n-Docosane (C22)

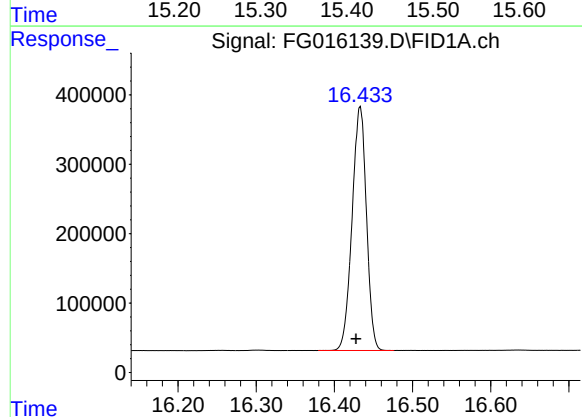
R.T.: 14.295 min
Delta R.T.: 0.003 min
Response: 4477369
Conc: 39.39 ug/ml

Instrument :
FID_G
ClientSampleId :
MH-J-IMS



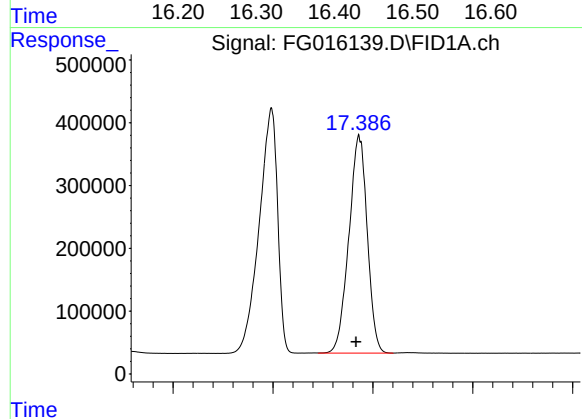
#14 n-Tetracosane (C24)

R.T.: 15.395 min
Delta R.T.: -0.006 min
Response: 9807643
Conc: 85.05 ug/ml



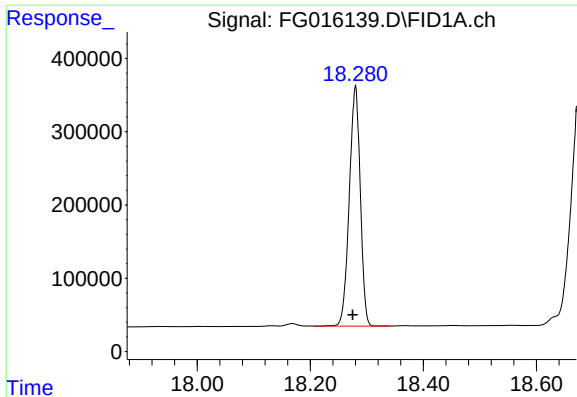
#15 n-Hexacosane (C26)

R.T.: 16.433 min
Delta R.T.: 0.005 min
Response: 4489148
Conc: 39.01 ug/ml



#16 n-Octacosane (C28)

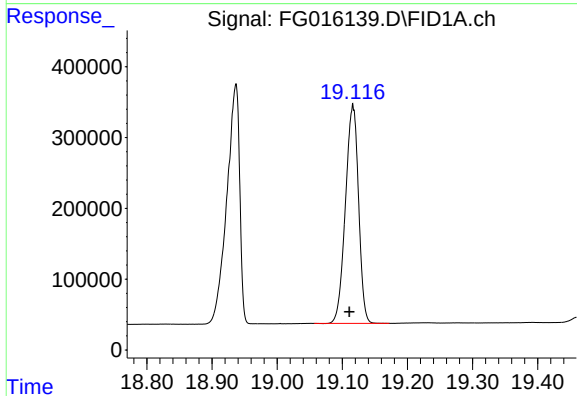
R.T.: 17.386 min
Delta R.T.: 0.003 min
Response: 4424105
Conc: 38.98 ug/ml



#17 n-Tricontane (C30)

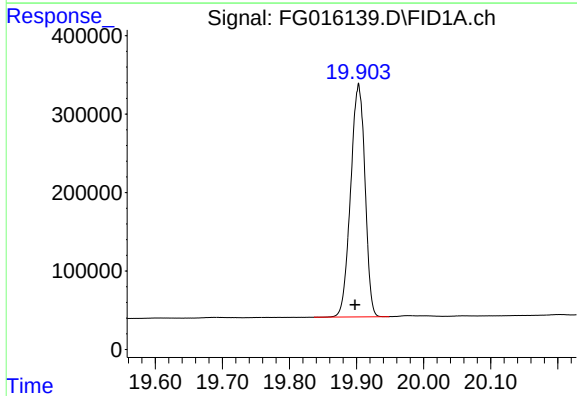
R.T.: 18.280 min
Delta R.T.: 0.005 min
Response: 4417039
Conc: 38.58 ug/ml

Instrument :
FID_G
ClientSampleId :
MH-J-IMS



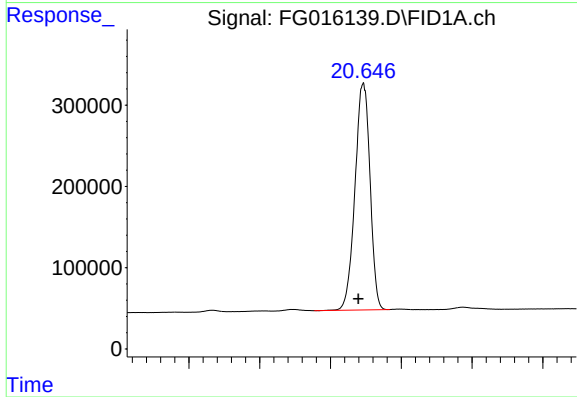
#18 n-Dotriacontane (C32)

R.T.: 19.116 min
Delta R.T.: 0.005 min
Response: 4309666
Conc: 39.53 ug/ml



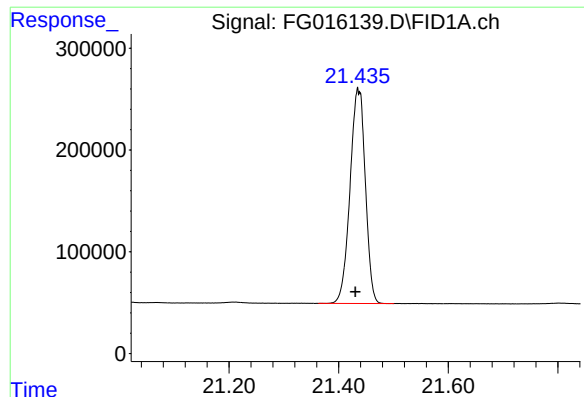
#19 n-Tetratriacontane (C34)

R.T.: 19.903 min
Delta R.T.: 0.005 min
Response: 4407588
Conc: 44.55 ug/ml



#20 n-Hexatriacontane (C36)

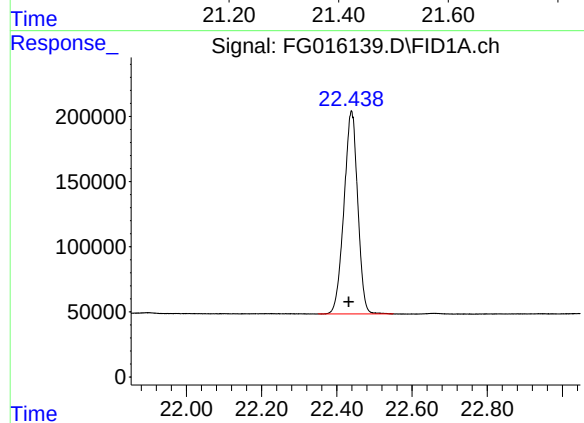
R.T.: 20.646 min
Delta R.T.: 0.007 min
Response: 4122179
Conc: 48.56 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.435 min
Delta R.T.: 0.005 min
Response: 4087431
Conc: 54.14 ug/ml

Instrument :
FID_G
ClientSampleId :
MH-J-IMS



#22 n-Tetracontane (C40)

R.T.: 22.439 min
Delta R.T.: 0.007 min
Response: 3955603
Conc: 57.20 ug/ml