

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE092223AL\
 Data File : FE044405.D
 Signal(s) : FID1B.ch
 Acq On : 22 Sep 2023 15:55
 Operator : YP\AJ
 Sample : 04531-01MS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 TP-BCDMS

Integration File: autoint1.e
 Quant Time: Sep 23 02:13:08 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 083023.M
 Quant Title : GC Extractables
 QLast Update : Thu Aug 31 03:37:37 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)	11.925	5589506	29.504 ug/ml
Spiked Amount 50.000		Recovery =	59.01%
12) S 1-chlorooctadecane (S...	13.363	4463145	32.307 ug/ml
Spiked Amount 50.000		Recovery =	64.61%
Target Compounds			
1) T n-Nonane (C9)	3.312	2876386	17.632 ug/ml
2) T n-Decane (C10)	4.564	3252028	19.565 ug/ml
3) T A~Naphthalene (C11.7)	6.264	3986335	22.261 ug/ml
4) T n-Dodecane (C12)	6.727	3936519	23.407 ug/ml
5) T A~2-methylnaphthalene...	7.360	4785291	27.913 ug/ml
6) T n-Tetradecane (C14)	8.556	5614102	33.476 ug/ml
7) T n-Hexadecane (C16)	10.164	6839530	39.572 ug/ml
8) T n-Octadecane (C18)	11.609	7195100	41.334 ug/ml
10) T n-Eicosane (C20)	12.920	7277656	43.997 ug/ml
11) T n-Heneicosane (C21)	13.531	6973588	43.112 ug/ml
13) T n-Docosane (C22)	14.118	6892111	43.140 ug/ml
14) T n-Tetracosane (C24)	15.208	13106192	83.811 ug/ml
15) T n-Hexacosane (C26)	16.247	6469573	42.915 ug/ml
16) T n-Octacosane (C28)	17.197	6367189	44.121 ug/ml
17) T n-Tricontane (C30)	18.086	6310153	43.434 ug/ml
18) T n-Dotriacontane (C32)	18.918	6122878	42.984 ug/ml
19) T n-Tetratriacontane (C34)	19.704	6097180	43.570 ug/ml
20) T n-Hexatriacontane (C36)	20.445	6014660	43.872 ug/ml
21) T n-Octatriacontane (C38)	21.187	6240583	44.956 ug/ml
22) T n-Tetracontane (C40)	22.108	6480636	46.872 ug/ml

(f)=RT Delta > 1/2 Window

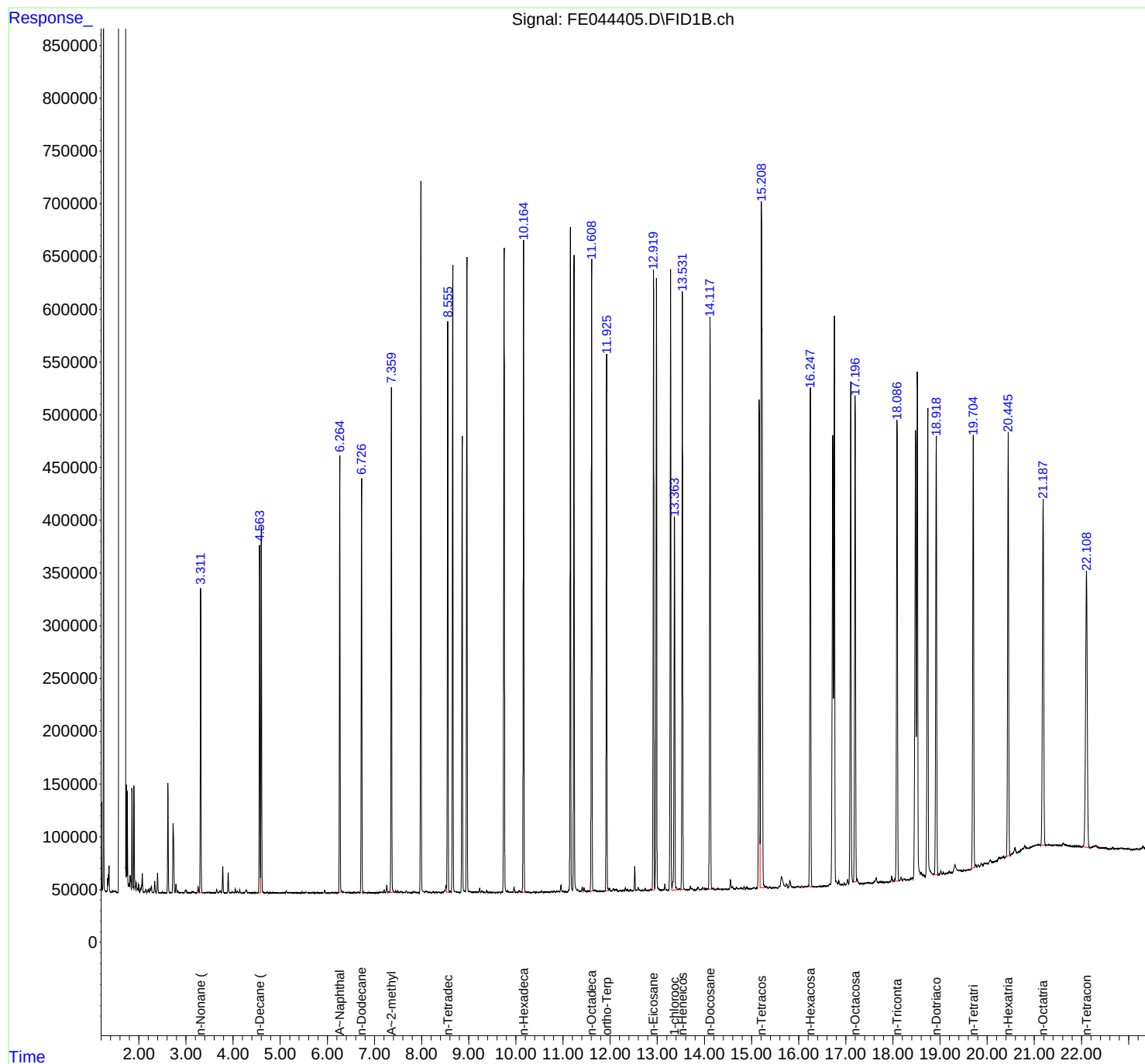
(m)=manual int.

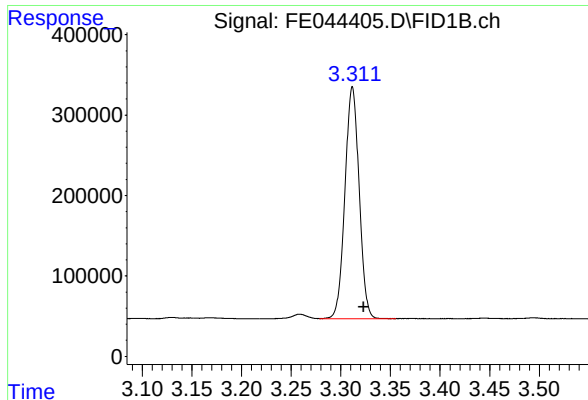
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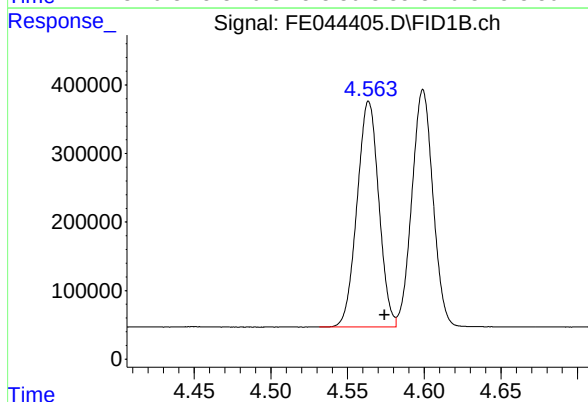




#1 n-Nonane (C9)

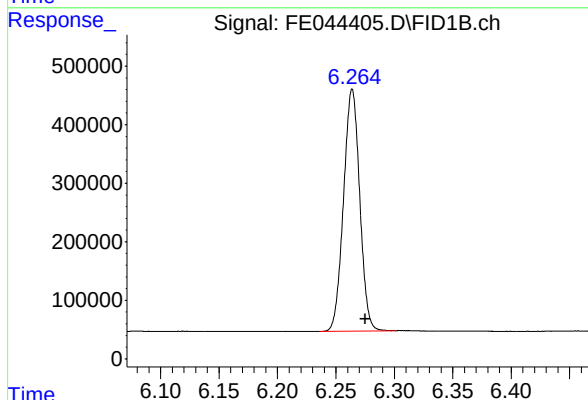
R.T.: 3.312 min
Delta R.T.: -0.011 min
Response: 2876386
Conc: 17.63 ug/ml

Instrument :
FID_E
ClientSampleId :
TP-BCDMS



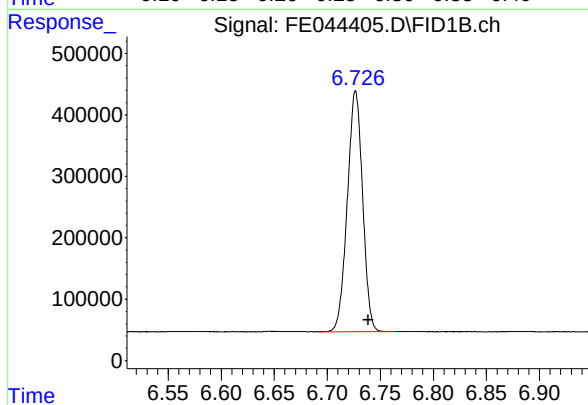
#2 n-Decane (C10)

R.T.: 4.564 min
Delta R.T.: -0.010 min
Response: 3252028
Conc: 19.57 ug/ml



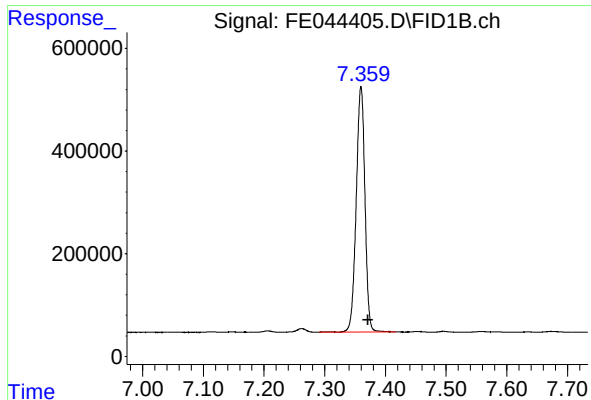
#3 A~Naphthalene (C11.7)

R.T.: 6.264 min
Delta R.T.: -0.011 min
Response: 3986335
Conc: 22.26 ug/ml



#4 n-Dodecane (C12)

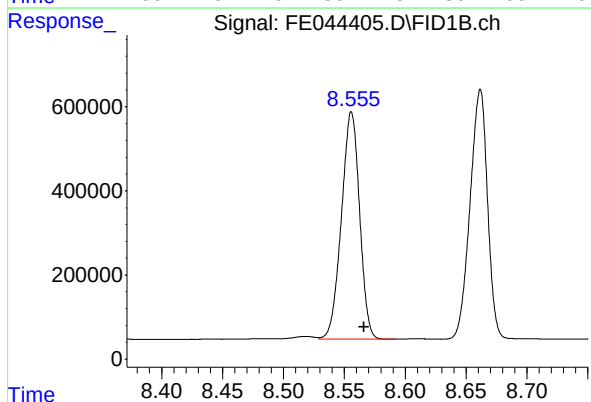
R.T.: 6.727 min
Delta R.T.: -0.012 min
Response: 3936519
Conc: 23.41 ug/ml



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

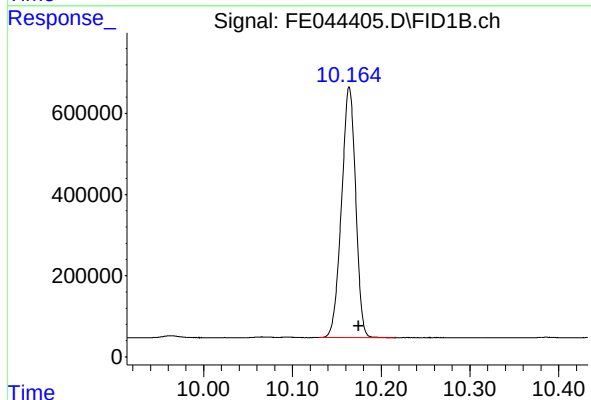
R.T.: 7.360 min
Delta R.T.: -0.011 min
Response: 4785291
Conc: 27.91 ug/ml

Instrument :
FID_E
ClientSampleId :
TP-BCDMS



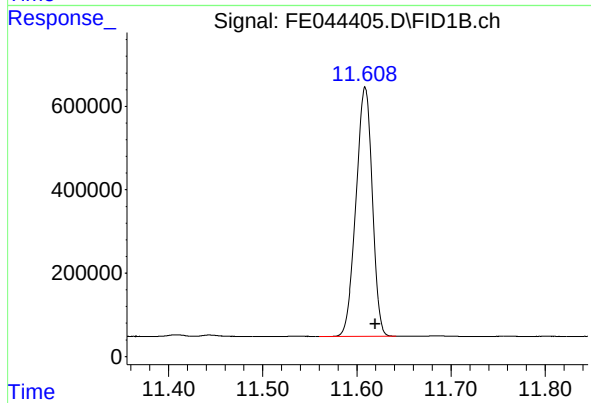
#6 n-Tetradecane (C14)

R.T.: 8.556 min
Delta R.T.: -0.010 min
Response: 5614102
Conc: 33.48 ug/ml



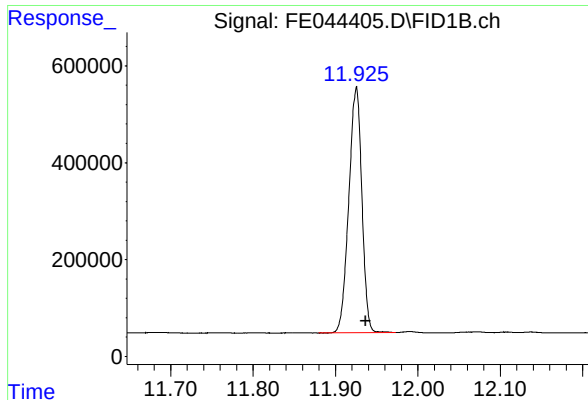
#7 n-Hexadecane (C16)

R.T.: 10.164 min
Delta R.T.: -0.011 min
Response: 6839530
Conc: 39.57 ug/ml



#8 n-Octadecane (C18)

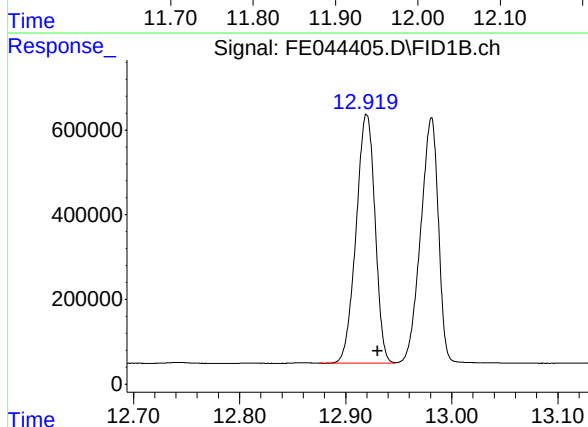
R.T.: 11.609 min
Delta R.T.: -0.011 min
Response: 7195100
Conc: 41.33 ug/ml



#9 ortho-Terphenyl (SURR)

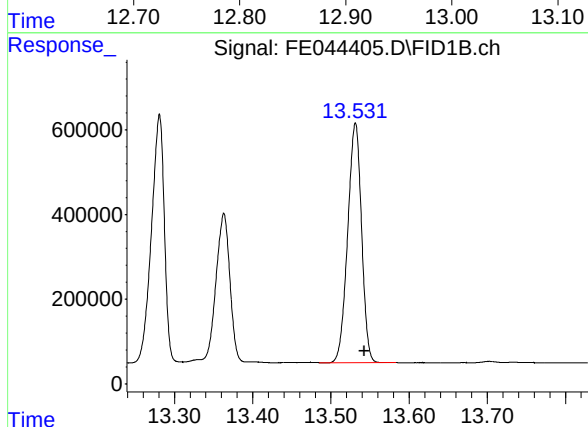
R.T.: 11.925 min
Delta R.T.: -0.011 min
Response: 5589506
Conc: 29.50 ug/ml

Instrument :
FID_E
ClientSampleId :
TP-BCDMS



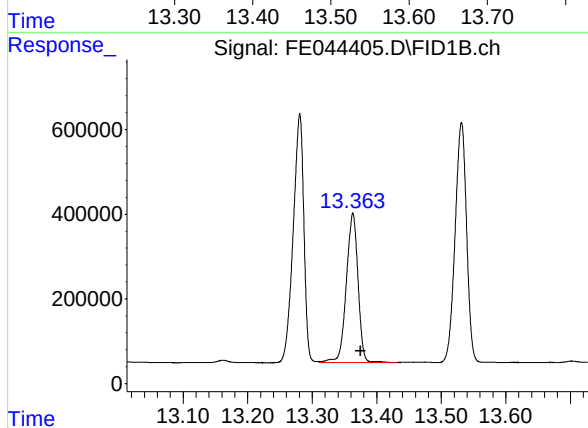
#10 n-Eicosane (C20)

R.T.: 12.920 min
Delta R.T.: -0.010 min
Response: 7277656
Conc: 44.00 ug/ml



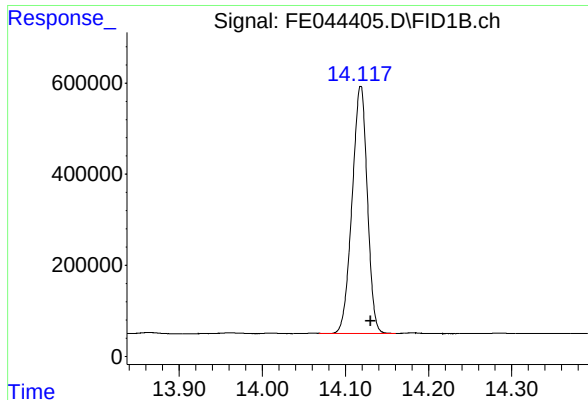
#11 n-Heneicosane (C21)

R.T.: 13.531 min
Delta R.T.: -0.011 min
Response: 6973588
Conc: 43.11 ug/ml



#12 1-chlorooctadecane (SURR)

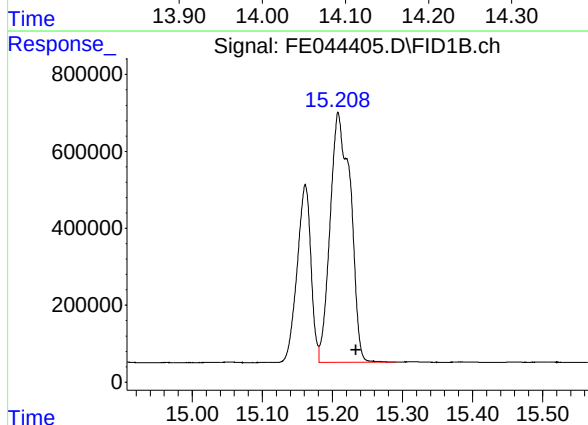
R.T.: 13.363 min
Delta R.T.: -0.012 min
Response: 4463145
Conc: 32.31 ug/ml



#13 n-Docosane (C22)

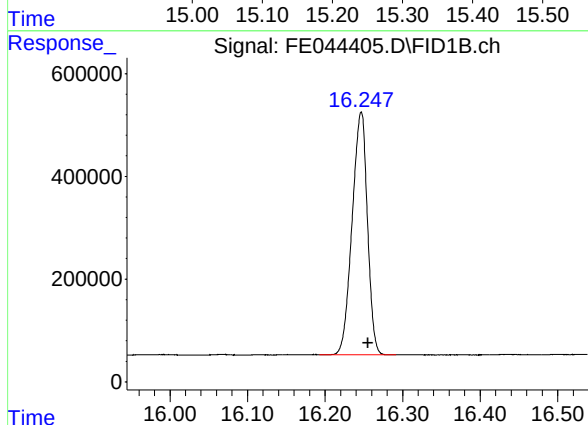
R.T.: 14.118 min
Delta R.T.: -0.012 min
Response: 6892111
Conc: 43.14 ug/ml

Instrument :
FID_E
ClientSampleId :
TP-BCDMS



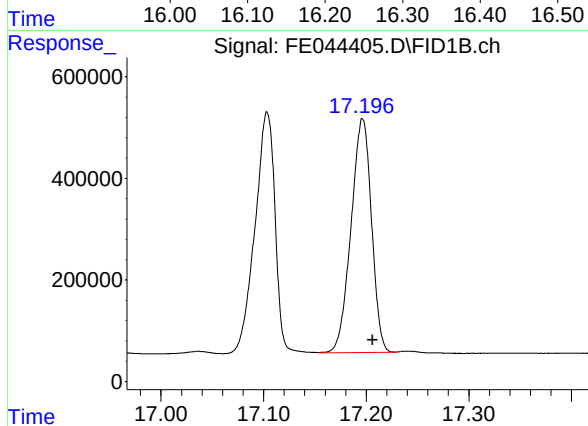
#14 n-Tetracosane (C24)

R.T.: 15.208 min
Delta R.T.: -0.025 min
Response: 13106192
Conc: 83.81 ug/ml



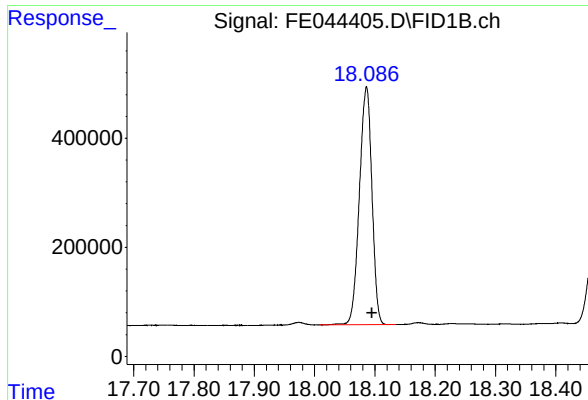
#15 n-Hexacosane (C26)

R.T.: 16.247 min
Delta R.T.: -0.009 min
Response: 6469573
Conc: 42.91 ug/ml



#16 n-Octacosane (C28)

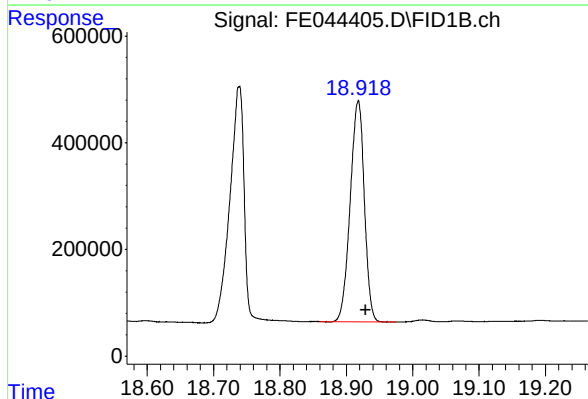
R.T.: 17.197 min
Delta R.T.: -0.009 min
Response: 6367189
Conc: 44.12 ug/ml



#17 n-Tricontane (C30)

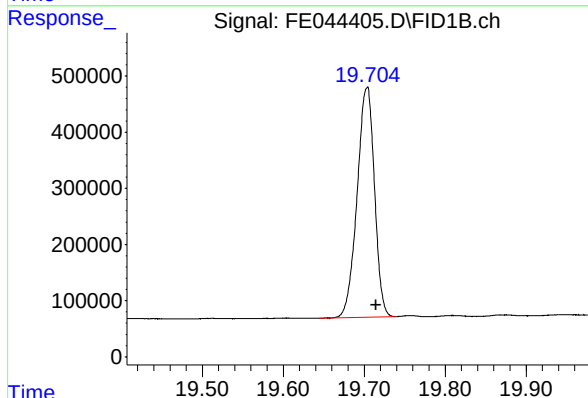
R.T.: 18.086 min
Delta R.T.: -0.009 min
Response: 6310153
Conc: 43.43 ug/ml

Instrument :
FID_E
ClientSampleId :
TP-BCDMS



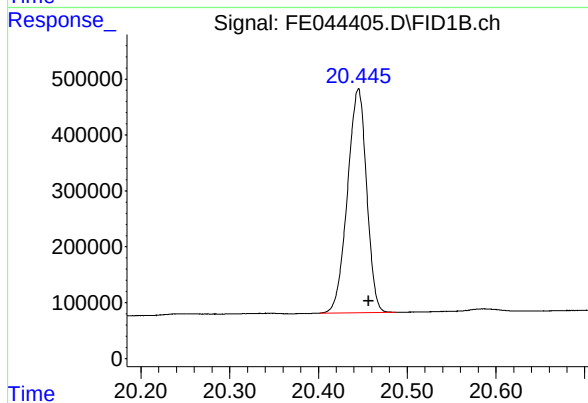
#18 n-Dotriacontane (C32)

R.T.: 18.918 min
Delta R.T.: -0.011 min
Response: 6122878
Conc: 42.98 ug/ml



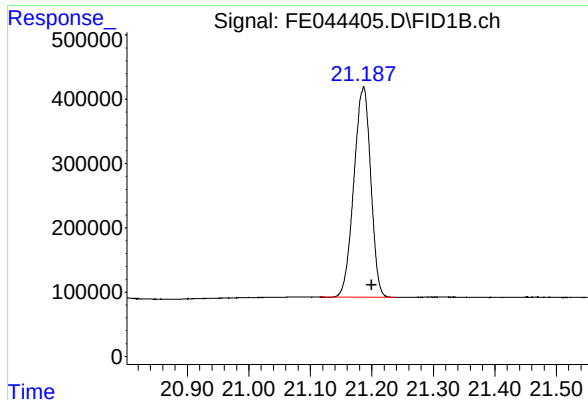
#19 n-Tetratriacontane (C34)

R.T.: 19.704 min
Delta R.T.: -0.011 min
Response: 6097180
Conc: 43.57 ug/ml



#20 n-Hexatriacontane (C36)

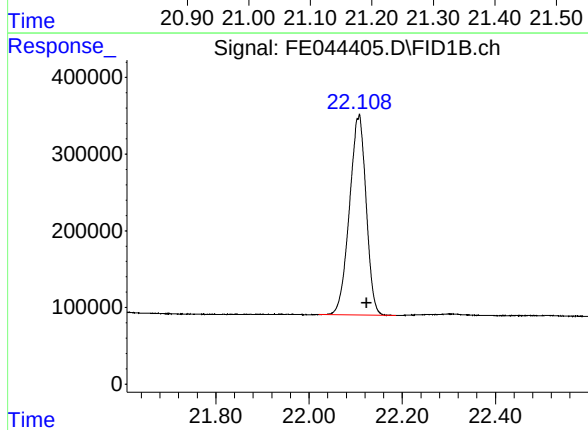
R.T.: 20.445 min
Delta R.T.: -0.012 min
Response: 6014660
Conc: 43.87 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.187 min
Delta R.T.: -0.013 min
Response: 6240583
Conc: 44.96 ug/ml

Instrument :
FID_E
ClientSampleId :
TP-BCDMS



#22 n-Tetracontane (C40)

R.T.: 22.108 min
Delta R.T.: -0.016 min
Response: 6480636
Conc: 46.87 ug/ml