

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE093025AL\
 Data File : FE056100.D
 Signal(s) : FID1B.ch
 Acq On : 30 Sep 2025 21:19
 Operator : YP\AJ
 Sample : Q3249-20MS
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 S-20(0-0.5)RMS

Integration File: autoint1.e
 Quant Time: Oct 01 04:05:43 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 092425.M
 Quant Title : GC Extractables
 QLast Update : Wed Sep 24 12:55:37 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)	12.074	4574431	24.377 ug/ml
Spiked Amount 50.000		Recovery =	48.75%
12) S 1-chlorooctadecane (S...	13.511	4019802	28.802 ug/ml
Spiked Amount 50.000		Recovery =	57.60%
Target Compounds			
1) T n-Nonane (C9)	3.412	2198813	16.051 ug/ml
2) T n-Decane (C10)	4.673	2599178	18.624 ug/ml
3) T A~Naphthalene (C11.7)	6.392	3643374	22.819 ug/ml
4) T n-Dodecane (C12)	6.848	3256436	22.688 ug/ml
5) T A~2-methylnaphthalene...	7.493	3991184	25.664 ug/ml
6) T n-Tetradecane (C14)	8.685	4041030	27.333 ug/ml
7) T n-Hexadecane (C16)	10.299	4703258	29.597 ug/ml
8) T n-Octadecane (C18)	11.748	5138349	30.336 ug/ml
10) T n-Eicosane (C20)	13.063	5495054	33.150 ug/ml
11) T n-Heneicosane (C21)	13.677	5319172	32.735 ug/ml
13) T n-Docosane (C22)	14.265	5522591	34.561 ug/ml
14) T n-Tetracosane (C24)	15.372	9114239	59.812 ug/ml
15) T n-Hexacosane (C26)	16.396	4463034	31.291 ug/ml
16) T n-Octacosane (C28)	17.348	4421272	31.738 ug/ml
17) T n-Tricontane (C30)	18.239	4547383	30.688 ug/ml
18) T n-Dotriacontane (C32)	19.074	4622357	30.981 ug/ml
19) T n-Tetratriacontane (C34)	19.860	4734090	33.468 ug/ml
20) T n-Hexatriacontane (C36)	20.602	4627397	36.047 ug/ml
21) T n-Octatriacontane (C38)	21.381	4864159	37.034 ug/ml
22) T n-Tetracontane (C40)	22.368	4287450	36.039 ug/ml

(f)=RT Delta > 1/2 Window

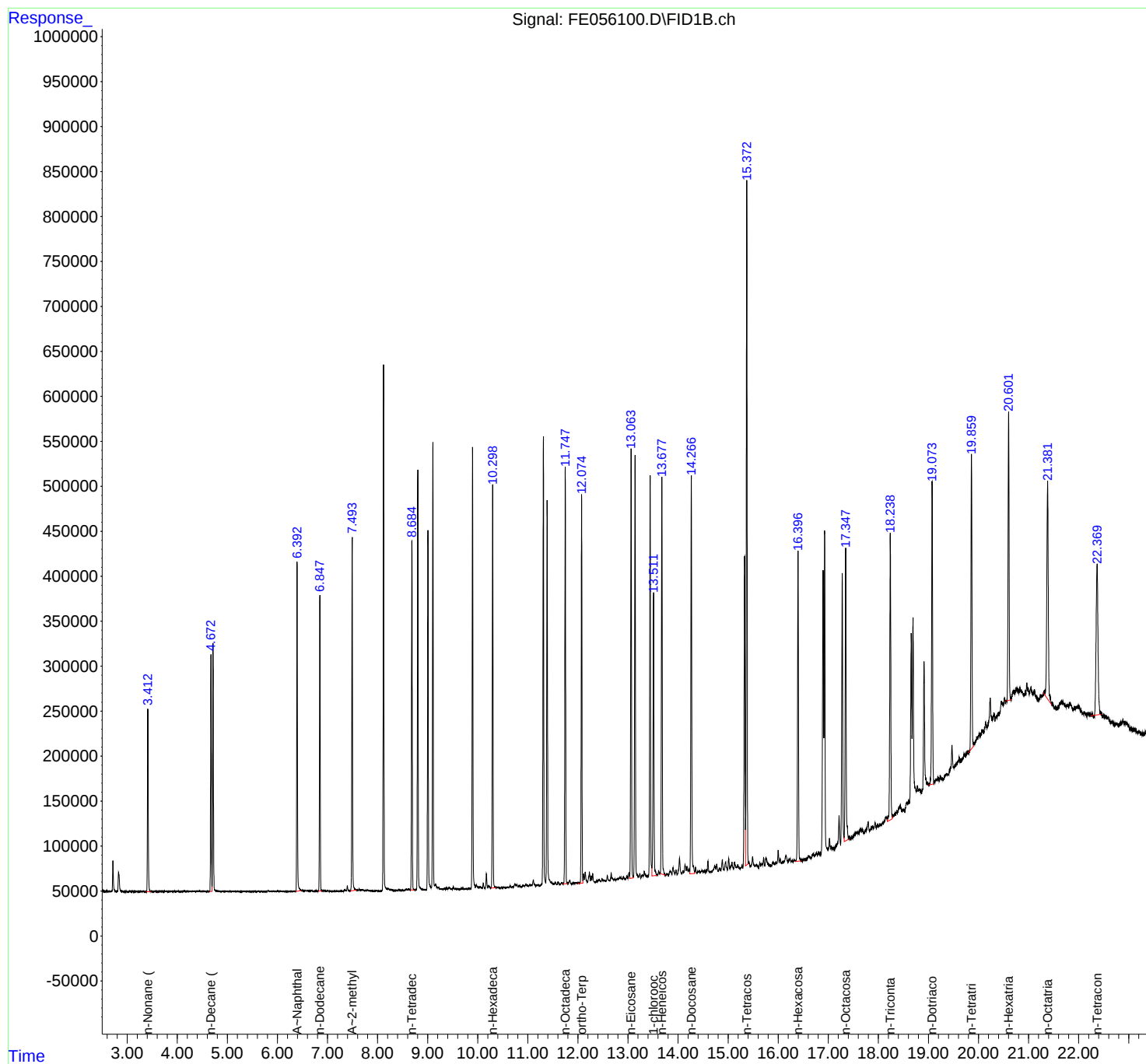
(m)=manual int.

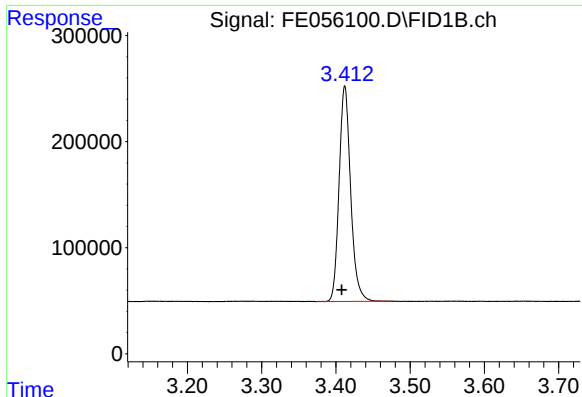
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE093025AL\
Data File : FE056100.D
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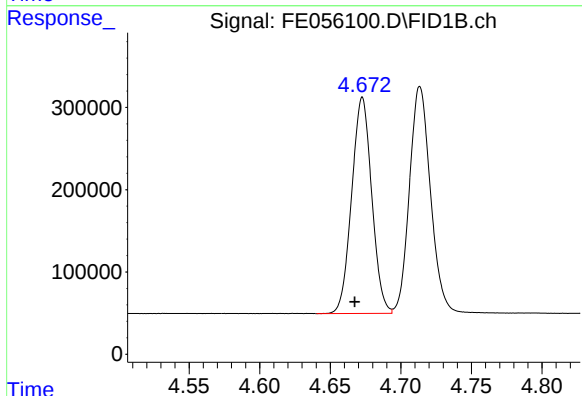




#1 n-Nonane (C9)

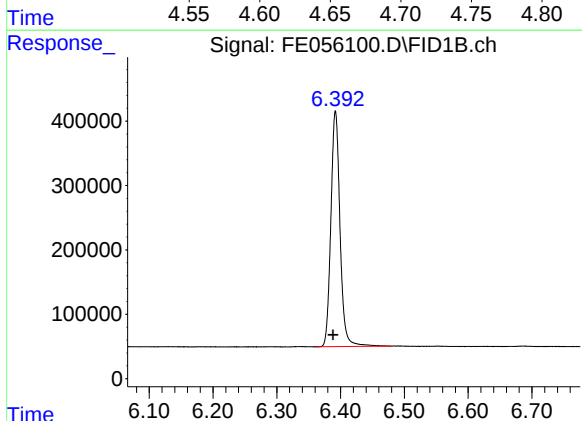
R.T.: 3.412 min
Delta R.T.: 0.004 min
Response: 2198813
Conc: 16.05 ug/ml

Instrument :
FID_E
ClientSampleId :
S-20(0-0.5)RMS



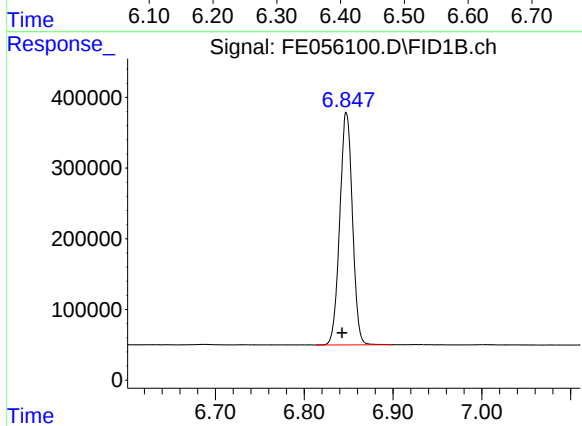
#2 n-Decane (C10)

R.T.: 4.673 min
Delta R.T.: 0.005 min
Response: 2599178
Conc: 18.62 ug/ml



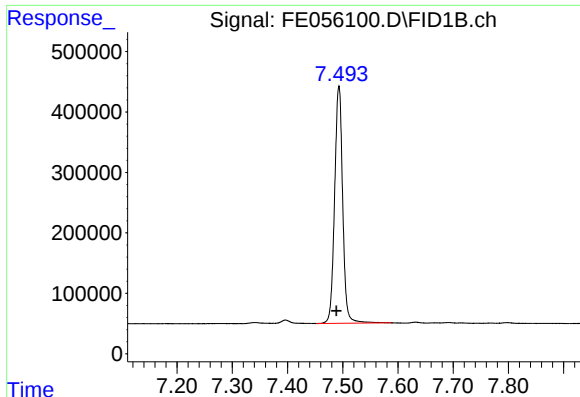
#3 A~Naphthalene (C11.7)

R.T.: 6.392 min
Delta R.T.: 0.004 min
Response: 3643374
Conc: 22.82 ug/ml



#4 n-Dodecane (C12)

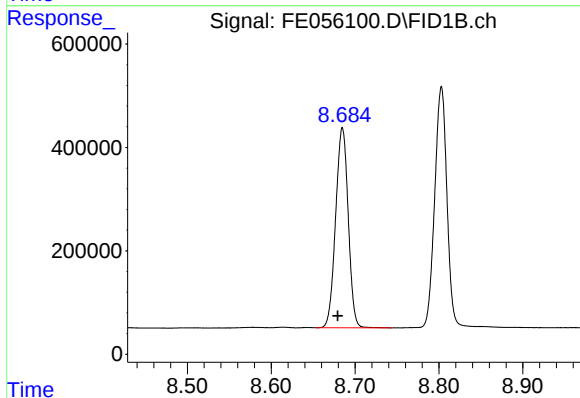
R.T.: 6.848 min
Delta R.T.: 0.005 min
Response: 3256436
Conc: 22.69 ug/ml



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

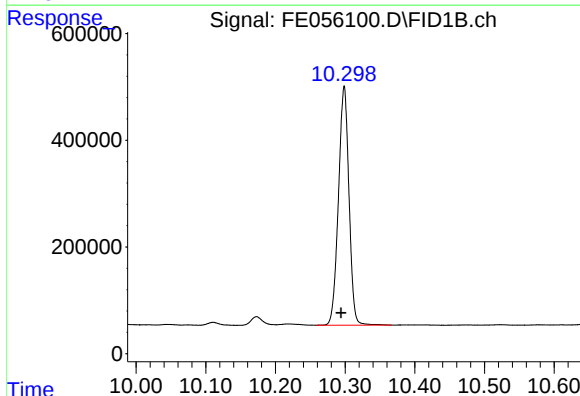
R.T.: 7.493 min
Delta R.T.: 0.004 min
Response: 3991184
Conc: 25.66 ug/ml

Instrument :
FID_E
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S-20(0-0.5)RMS



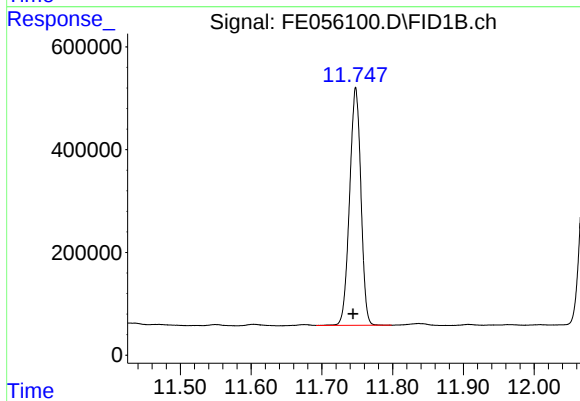
#6 n-Tetradecane (C14)

R.T.: 8.685 min
Delta R.T.: 0.005 min
Response: 4041030
Conc: 27.33 ug/ml



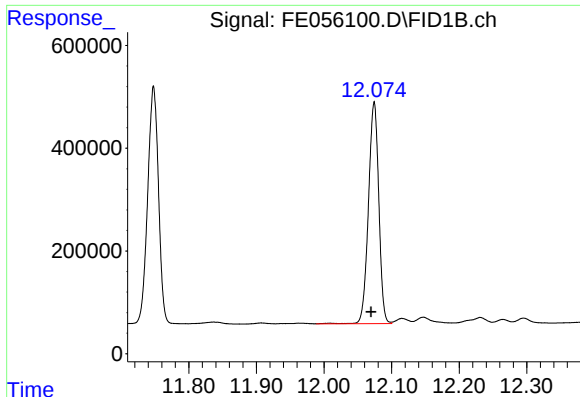
#7 n-Hexadecane (C16)

R.T.: 10.299 min
Delta R.T.: 0.004 min
Response: 4703258
Conc: 29.60 ug/ml



#8 n-Octadecane (C18)

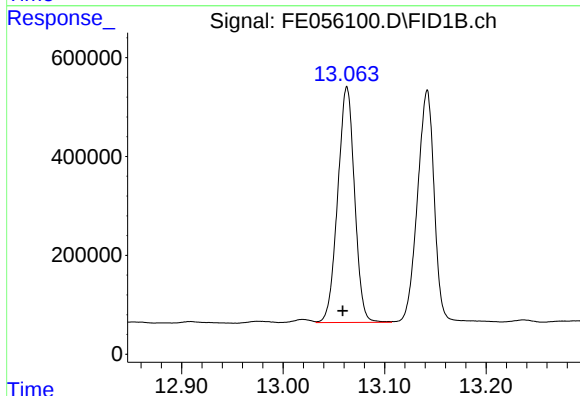
R.T.: 11.748 min
Delta R.T.: 0.004 min
Response: 5138349
Conc: 30.34 ug/ml



#9 ortho-Terphenyl (SURR)

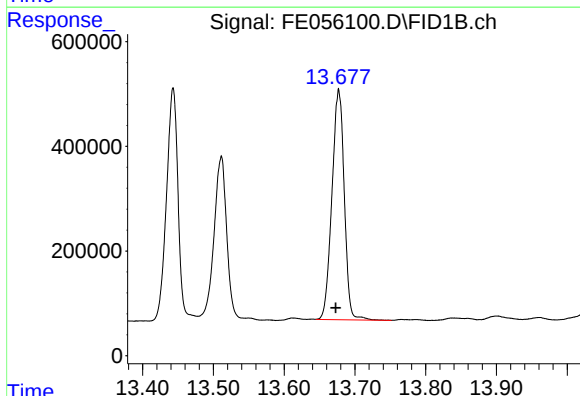
R.T.: 12.074 min
Delta R.T.: 0.004 min
Response: 4574431
Conc: 24.38 ug/ml

Instrument :
FID_E
ClientSampleId :
S-20(0-0.5)RMS



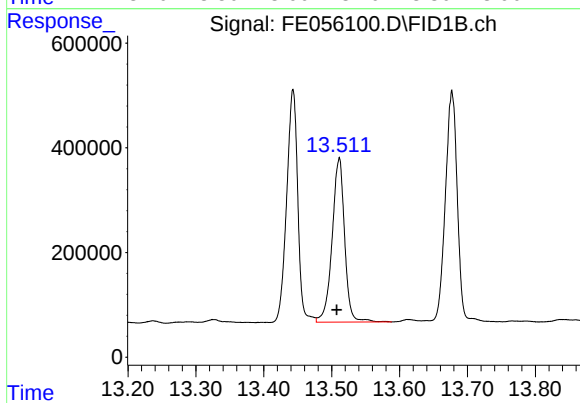
#10 n-Eicosane (C20)

R.T.: 13.063 min
Delta R.T.: 0.004 min
Response: 5495054
Conc: 33.15 ug/ml



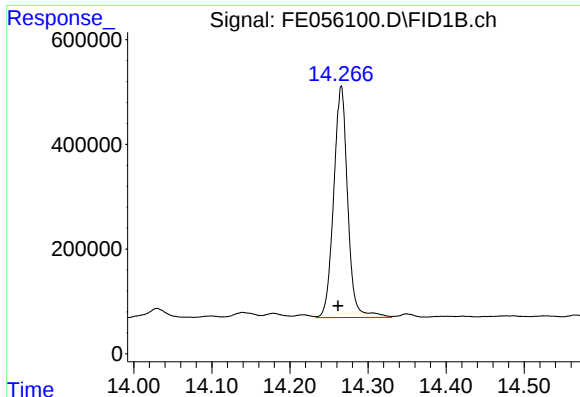
#11 n-Heneicosane (C21)

R.T.: 13.677 min
Delta R.T.: 0.004 min
Response: 5319172
Conc: 32.74 ug/ml



#12 1-chlorooctadecane (SURR)

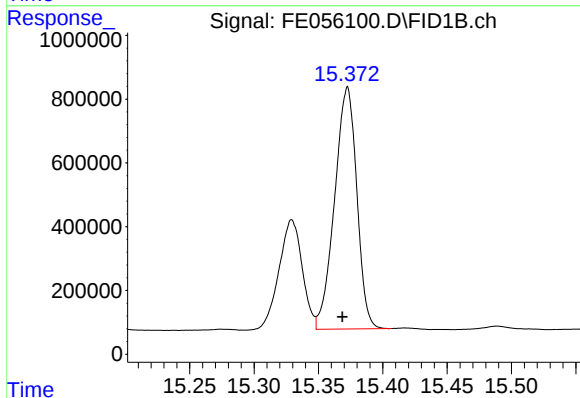
R.T.: 13.511 min
Delta R.T.: 0.003 min
Response: 4019802
Conc: 28.80 ug/ml



#13 n-Docosane (C22)

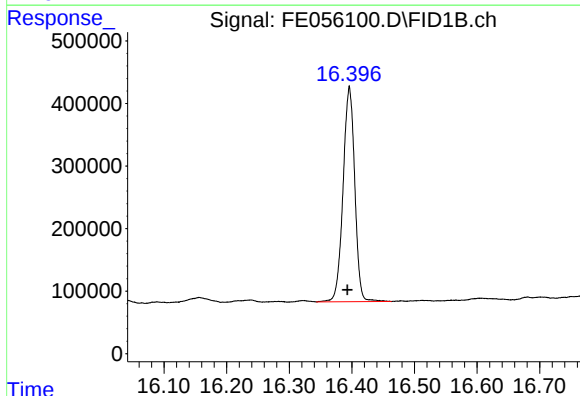
R.T.: 14.265 min
Delta R.T.: 0.004 min
Response: 5522591
Conc: 34.56 ug/ml

Instrument :
FID_E
ClientSampleId :
S-20(0-0.5)RMS



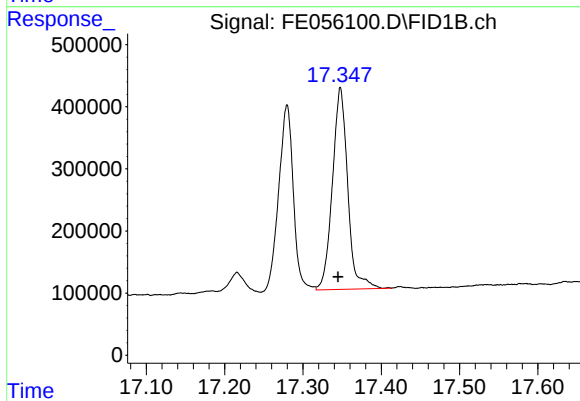
#14 n-Tetracosane (C24)

R.T.: 15.372 min
Delta R.T.: 0.004 min
Response: 9114239
Conc: 59.81 ug/ml



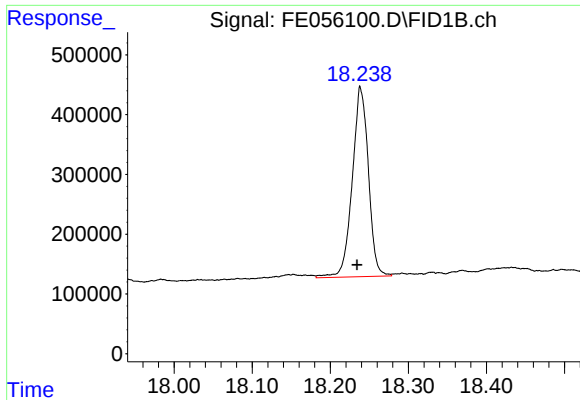
#15 n-Hexacosane (C26)

R.T.: 16.396 min
Delta R.T.: 0.003 min
Response: 4463034
Conc: 31.29 ug/ml



#16 n-Octacosane (C28)

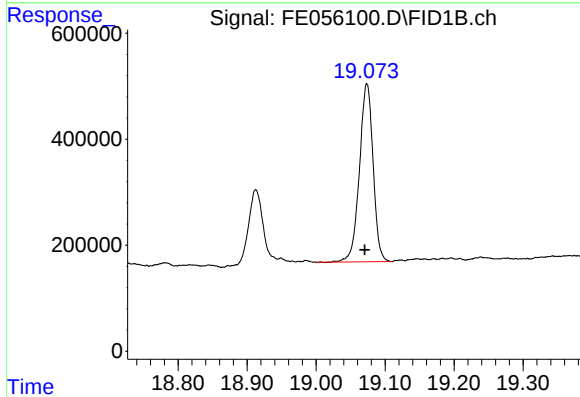
R.T.: 17.348 min
Delta R.T.: 0.003 min
Response: 4421272
Conc: 31.74 ug/ml



#17 n-Tricontane (C30)

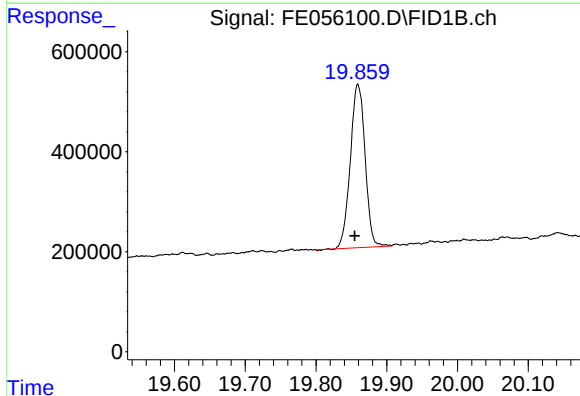
R.T.: 18.239 min
Delta R.T.: 0.005 min
Response: 4547383
Conc: 30.69 ug/ml

Instrument :
FID_E
ClientSampleId :
S-20(0-0.5)RMS



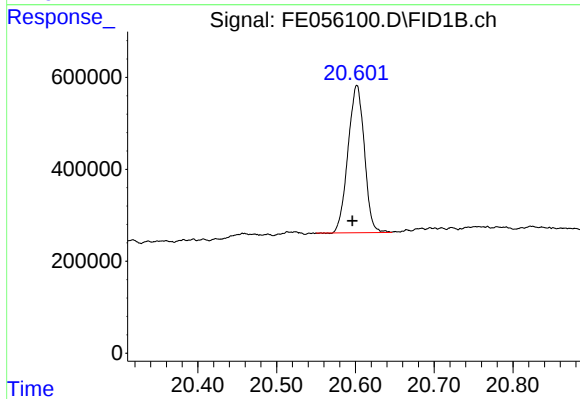
#18 n-Dotriacontane (C32)

R.T.: 19.074 min
Delta R.T.: 0.003 min
Response: 4622357
Conc: 30.98 ug/ml



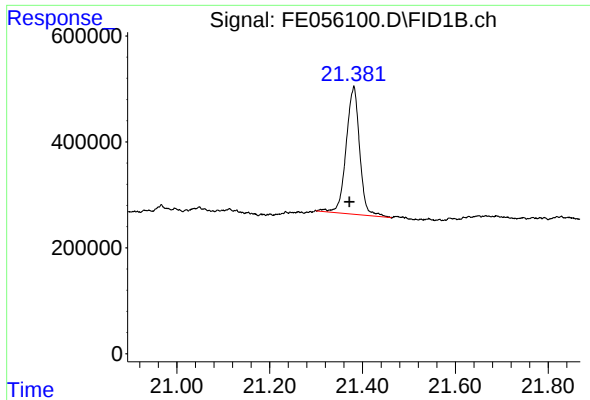
#19 n-Tetratriacontane (C34)

R.T.: 19.860 min
Delta R.T.: 0.005 min
Response: 4734090
Conc: 33.47 ug/ml



#20 n-Hexatriacontane (C36)

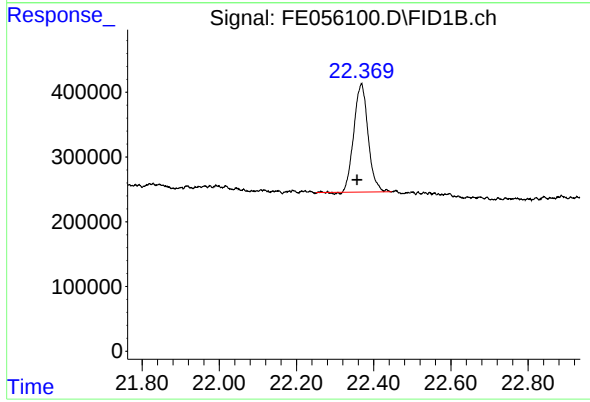
R.T.: 20.602 min
Delta R.T.: 0.006 min
Response: 4627397
Conc: 36.05 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.381 min
Delta R.T.: 0.009 min
Response: 4864159
Conc: 37.03 ug/ml

Instrument :
FID_E
ClientSampleId :
S-20(0-0.5)RMS



#22 n-Tetracontane (C40)

R.T.: 22.368 min
Delta R.T.: 0.011 min
Response: 4287450
Conc: 36.04 ug/ml