

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE052223AL\
 Data File : FE042123.D
 Signal(s) : FID1B.ch
 Acq On : 23 May 2023 02:27
 Operator : YP\AJ
 Sample : 02867-06MS
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 TP16-DMS

Integration File: autoint1.e
 Quant Time: May 23 04:55:11 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 051823.M
 Quant Title : GC Extractables
 QLast Update : Thu May 18 06:27:12 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)	11.959	5606977	31.753 ug/ml
Spiked Amount 50.000		Recovery =	63.51%
12) S 1-chlorooctadecane (S...	13.395	4789414	36.044 ug/ml
Spiked Amount 50.000		Recovery =	72.09%
Target Compounds			
1) T n-Nonane (C9)	3.347	4870464	33.776 ug/ml
2) T n-Decane (C10)	4.596	5569104	37.620 ug/ml
3) T A~Naphthalene (C11.7)	6.299	6364180	39.006 ug/ml
4) T n-Dodecane (C12)	6.761	6088265	40.601 ug/ml
5) T A~2-methylnaphthalene...	7.396	6323045	39.842 ug/ml
6) T n-Tetradecane (C14)	8.591	6536648	43.634 ug/ml
7) T n-Hexadecane (C16)	10.198	7501156	48.155 ug/ml
8) T n-Octadecane (C18)	11.642	7847730	49.627 ug/ml
10) T n-Eicosane (C20)	12.951	7948624	52.438 ug/ml
11) T n-Heneicosane (C21)	13.563	7653767	51.661 ug/ml
13) T n-Docosane (C22)	14.149	7555406	51.538 ug/ml
14) T n-Tetracosane (C24)	15.241	14326577	99.245 ug/ml
15) T n-Hexacosane (C26)	16.274	7125439	51.448 ug/ml
16) T n-Octacosane (C28)	17.221	6778742	50.632 ug/ml
17) T n-Tricontane (C30)	18.110	6615963	49.010 ug/ml
18) T n-Dotriacontane (C32)	18.941	6310924	47.241 ug/ml
19) T n-Tetratriacontane (C34)	19.723	6146254	46.736 ug/ml
20) T n-Hexatriacontane (C36)	20.464	5808953	44.693 ug/ml
21) T n-Octatriacontane (C38)	21.213	5741687	42.320 ug/ml
22) T n-Tetracontane (C40)	22.144	5774638	41.509 ug/ml

(f)=RT Delta > 1/2 Window

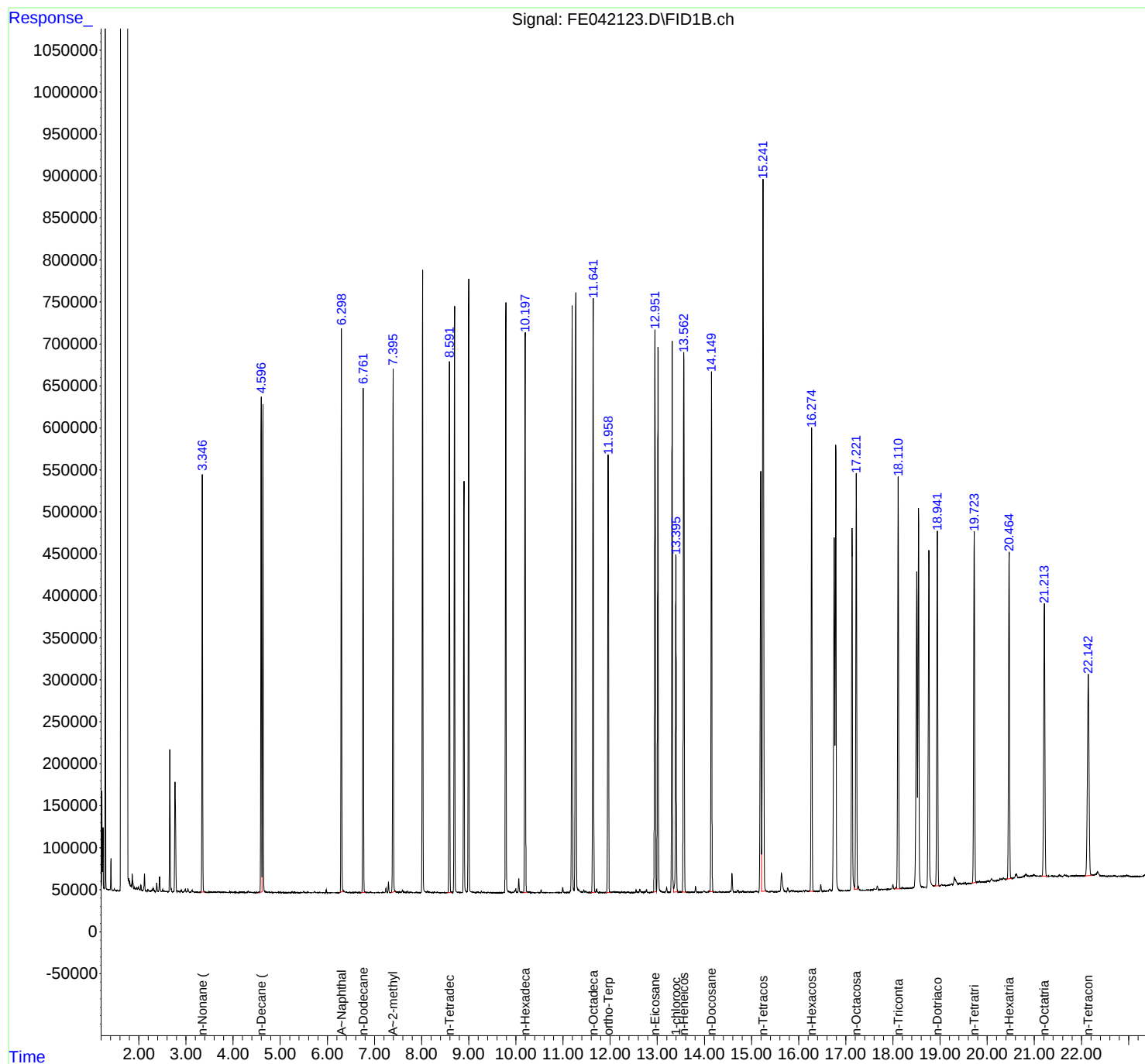
(m)=manual int.

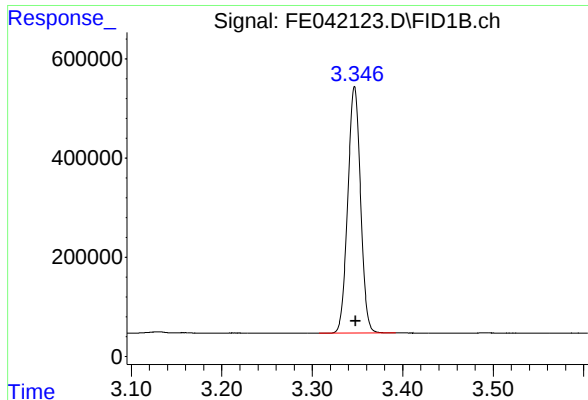
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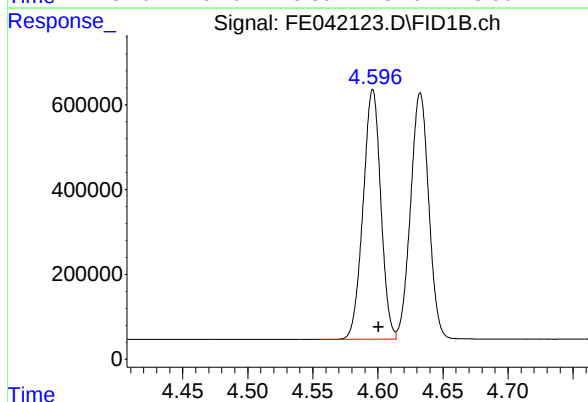




#1 n-Nonane (C9)

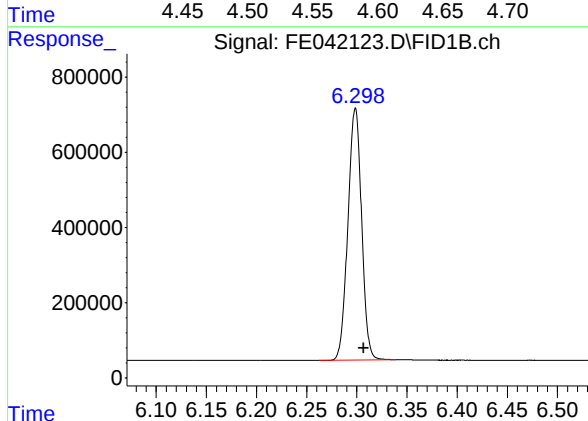
R.T.: 3.347 min
Delta R.T.: -0.001 min
Response: 4870464
Conc: 33.78 ug/ml

Instrument :
FID_E
ClientSampleId :
TP16-DMS



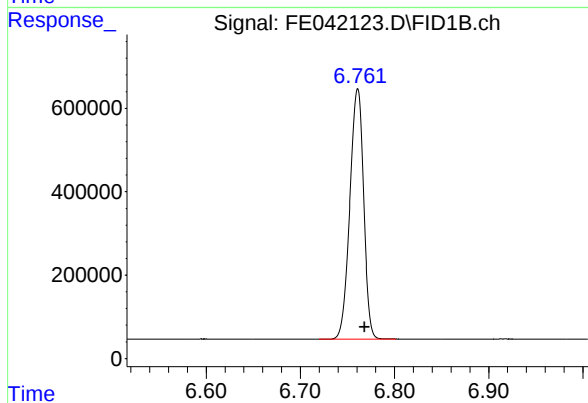
#2 n-Decane (C10)

R.T.: 4.596 min
Delta R.T.: -0.004 min
Response: 5569104
Conc: 37.62 ug/ml



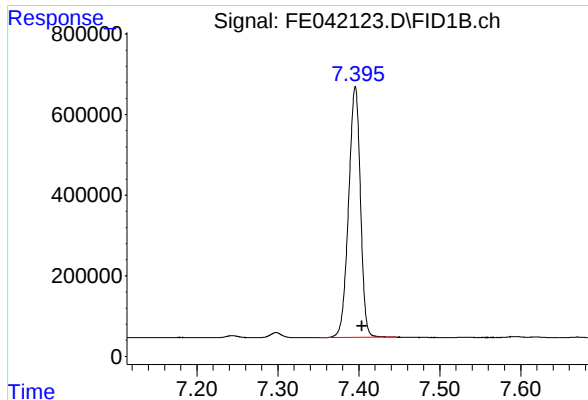
#3 A~Naphthalene (C11.7)

R.T.: 6.299 min
Delta R.T.: -0.008 min
Response: 6364180
Conc: 39.01 ug/ml



#4 n-Dodecane (C12)

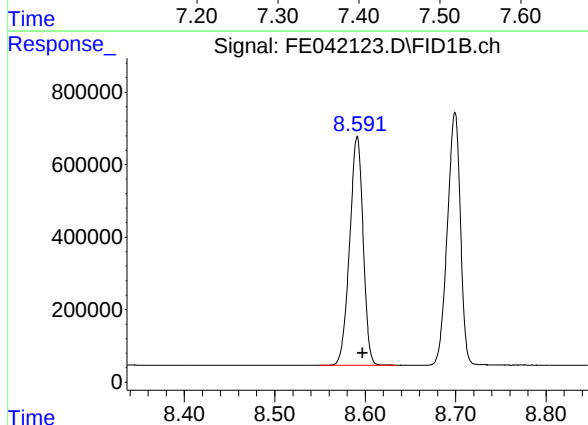
R.T.: 6.761 min
Delta R.T.: -0.007 min
Response: 6088265
Conc: 40.60 ug/ml



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

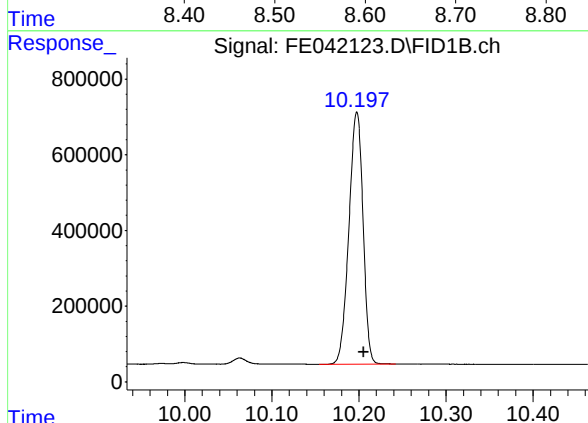
R.T.: 7.396 min
Delta R.T.: -0.008 min
Response: 6323045
Conc: 39.84 ug/ml

Instrument :
FID_E
ClientSampleId :
TP16-DMS



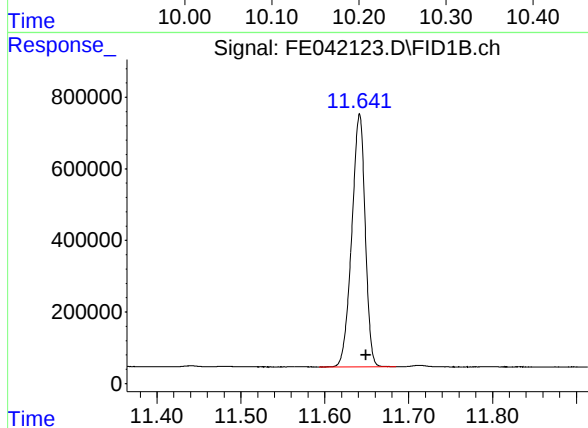
#6 n-Tetradecane (C14)

R.T.: 8.591 min
Delta R.T.: -0.006 min
Response: 6536648
Conc: 43.63 ug/ml



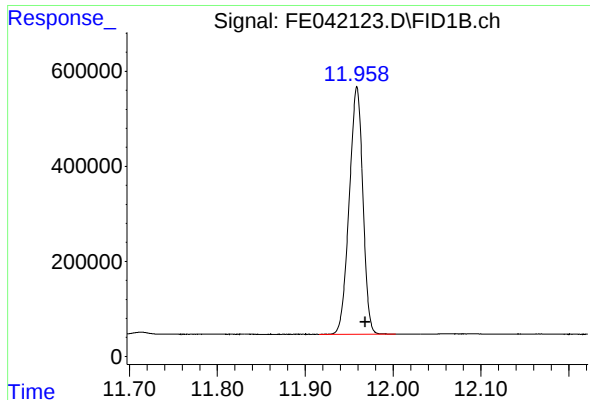
#7 n-Hexadecane (C16)

R.T.: 10.198 min
Delta R.T.: -0.008 min
Response: 7501156
Conc: 48.16 ug/ml



#8 n-Octadecane (C18)

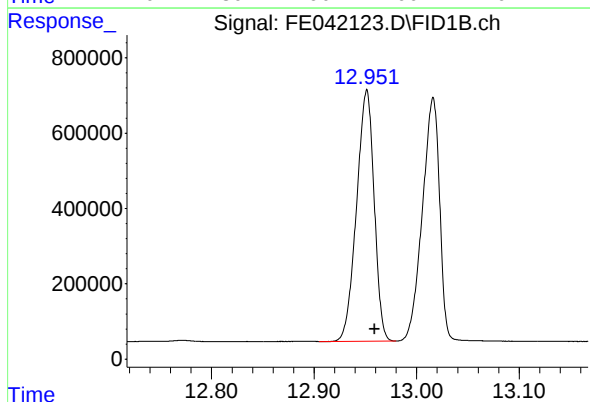
R.T.: 11.642 min
Delta R.T.: -0.008 min
Response: 7847730
Conc: 49.63 ug/ml



#9 ortho-Terphenyl (SURR)

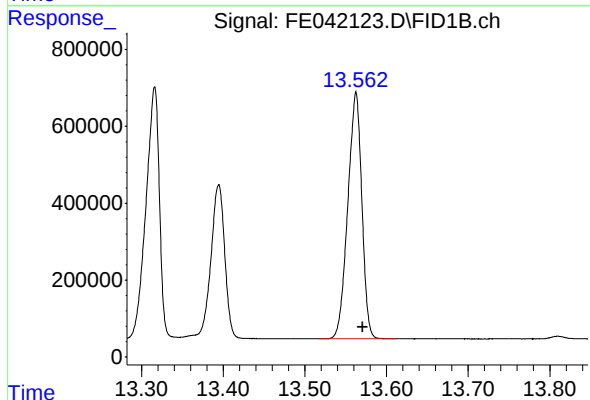
R.T.: 11.959 min
Delta R.T.: -0.009 min
Response: 5606977
Conc: 31.75 ug/ml

Instrument :
FID_E
ClientSampleId :
TP16-DMS



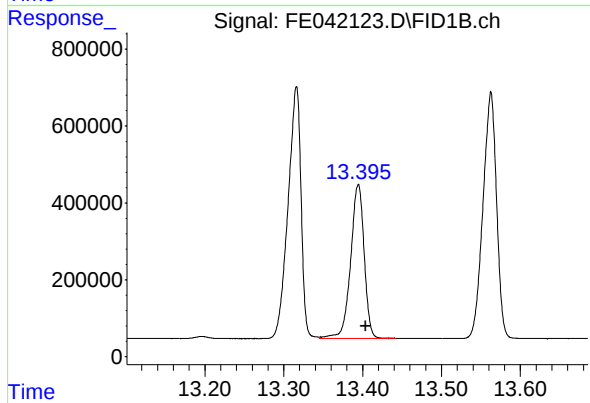
#10 n-Eicosane (C20)

R.T.: 12.951 min
Delta R.T.: -0.008 min
Response: 7948624
Conc: 52.44 ug/ml



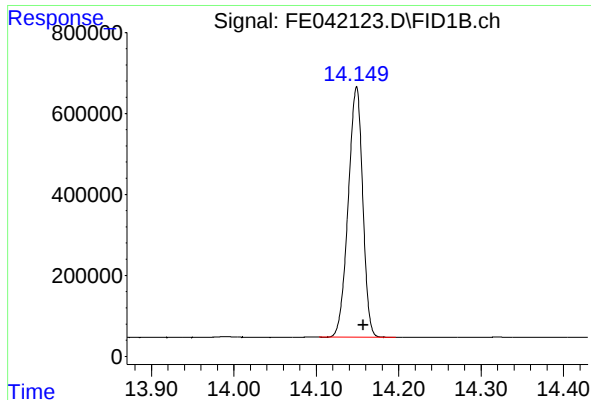
#11 n-Heneicosane (C21)

R.T.: 13.563 min
Delta R.T.: -0.008 min
Response: 7653767
Conc: 51.66 ug/ml



#12 1-chlorooctadecane (SURR)

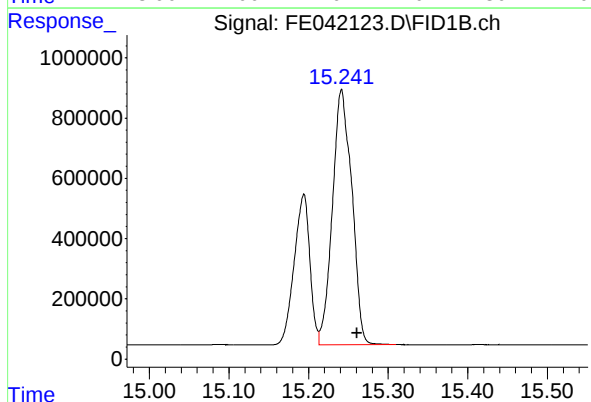
R.T.: 13.395 min
Delta R.T.: -0.010 min
Response: 4789414
Conc: 36.04 ug/ml



#13 n-Docosane (C22)

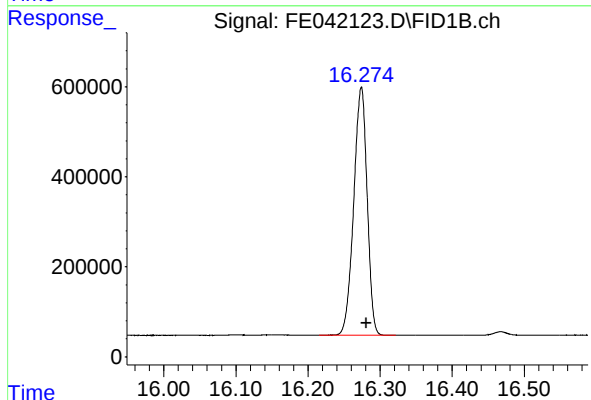
R.T.: 14.149 min
Delta R.T.: -0.008 min
Response: 7555406
Conc: 51.54 ug/ml

Instrument :
FID_E
ClientSampleId :
TP16-DMS



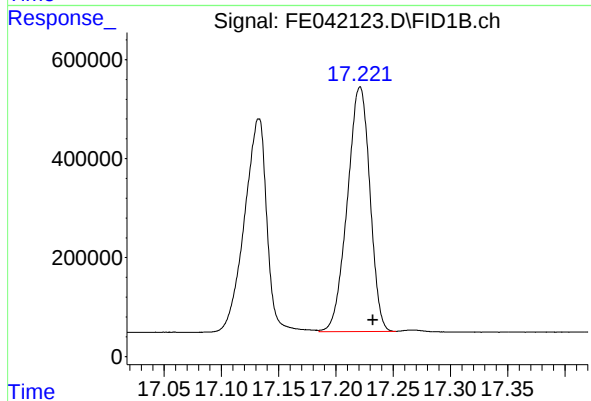
#14 n-Tetracosane (C24)

R.T.: 15.241 min
Delta R.T.: -0.019 min
Response: 14326577
Conc: 99.24 ug/ml



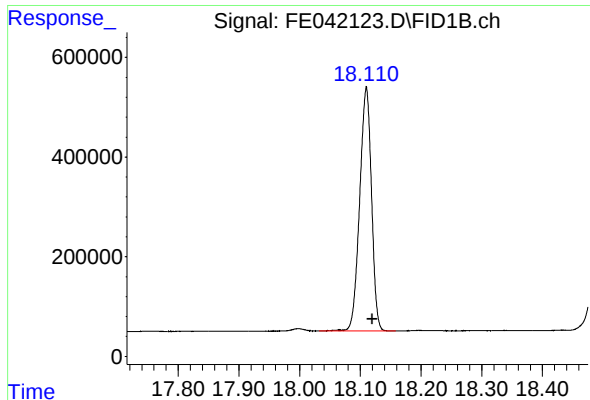
#15 n-Hexacosane (C26)

R.T.: 16.274 min
Delta R.T.: -0.007 min
Response: 7125439
Conc: 51.45 ug/ml



#16 n-Octacosane (C28)

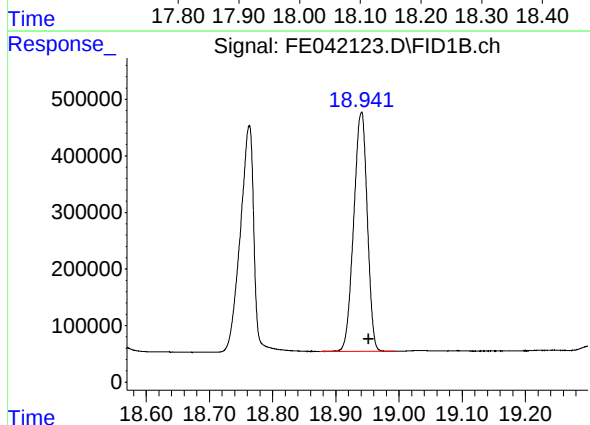
R.T.: 17.221 min
Delta R.T.: -0.011 min
Response: 6778742
Conc: 50.63 ug/ml



#17 n-Tricontane (C30)

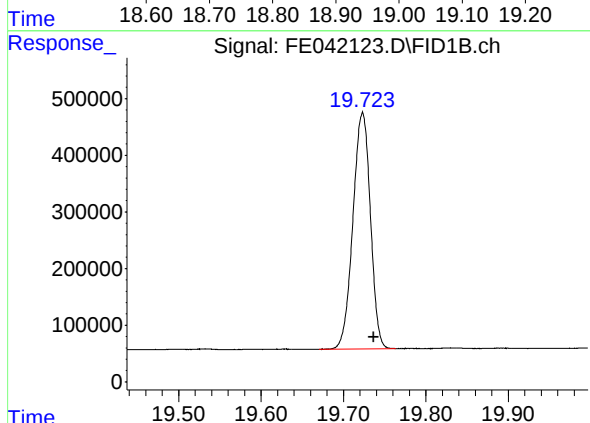
R.T.: 18.110 min
Delta R.T.: -0.010 min
Response: 6615963
Conc: 49.01 ug/ml

Instrument :
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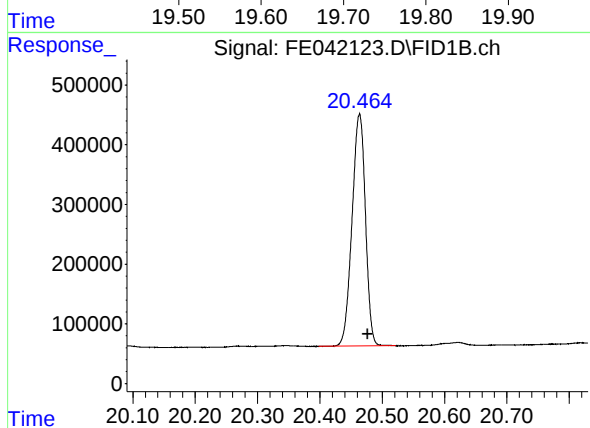
#18 n-Dotriacontane (C32)

R.T.: 18.941 min
Delta R.T.: -0.011 min
Response: 6310924
Conc: 47.24 ug/ml



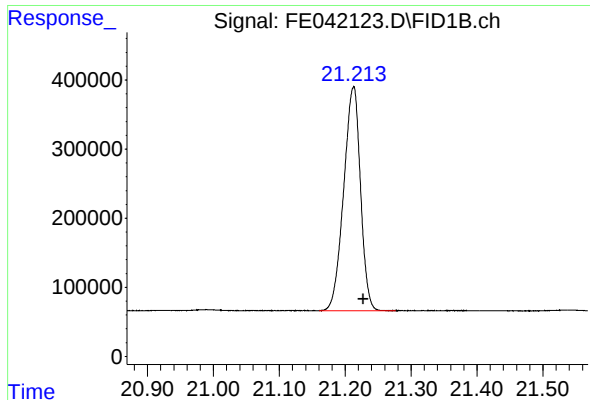
#19 n-Tetatriacontane (C34)

R.T.: 19.723 min
Delta R.T.: -0.013 min
Response: 6146254
Conc: 46.74 ug/ml



#20 n-Hexatriacontane (C36)

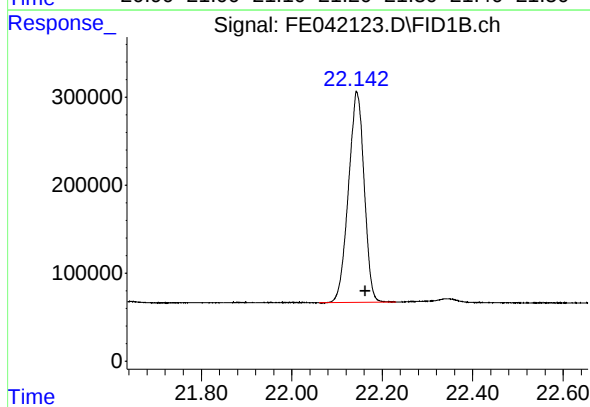
R.T.: 20.464 min
Delta R.T.: -0.013 min
Response: 5808953
Conc: 44.69 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.213 min
Delta R.T.: -0.014 min
Response: 5741687
Conc: 42.32 ug/ml

Instrument :
FID_E
ClientSampleId :
TP16-DMS



#22 n-Tetracontane (C40)

R.T.: 22.144 min
Delta R.T.: -0.019 min
Response: 5774638
Conc: 41.51 ug/ml