

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE030923AL\
 Data File : FE040728.D
 Signal(s) : FID1B.ch
 Acq On : 09 Mar 2023 14:15
 Operator : YP\AJ
 Sample : PB151327BSD
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 PB151327BSD

Integration File: autoint1.e
 Quant Time: Mar 09 23:15:58 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 022823.M
 Quant Title : GC Extractables
 QLast Update : Tue Feb 28 03:05:09 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)	11.882	8470429	45.342 ug/ml
Spiked Amount 50.000		Recovery =	90.68%
12) S 1-chlorooctadecane (S...	13.319	6924004	46.782 ug/ml
Spiked Amount 50.000		Recovery =	93.56%
Target Compounds			
1) T n-Nonane (C9)	3.284	5547662	36.053 ug/ml
2) T n-Decane (C10)	4.528	5943465	39.505 ug/ml
3) T A~Naphthalene (C11.7)	6.226	7479749	45.094 ug/ml
4) T n-Dodecane (C12)	6.689	7178761	46.893 ug/ml
5) T A~2-methylnaphthalene...	7.321	7627424	50.398 ug/ml
6) T n-Tetradecane (C14)	8.517	7743431	50.101 ug/ml
7) T n-Hexadecane (C16)	10.122	8081941	50.037 ug/ml
8) T n-Octadecane (C18)	11.566	8281004	48.770 ug/ml
10) T n-Eicosane (C20)	12.875	7952636	47.010 ug/ml
11) T n-Heneicosane (C21)	13.487	7781402	45.410 ug/ml
13) T n-Docosane (C22)	14.073	7708840	44.999 ug/ml
14) T n-Tetracosane (C24)	15.169	14842438	86.097 ug/ml
15) T n-Hexacosane (C26)	16.200	7175281	42.217 ug/ml
16) T n-Octacosane (C28)	17.149	7083773	42.239 ug/ml
17) T n-Tricontane (C30)	18.039	6634885	40.634 ug/ml
18) T n-Dotriacontane (C32)	18.870	6510919	38.042 ug/ml
19) T n-Tetratriacontane (C34)	19.655	6355921	41.110 ug/ml
20) T n-Hexatriacontane (C36)	20.397	5985099	41.197 ug/ml
21) T n-Octatriacontane (C38)	21.128	5906545	42.970 ug/ml
22) T n-Tetracontane (C40)	22.020	5833823	37.754 ug/ml

(f)=RT Delta > 1/2 Window

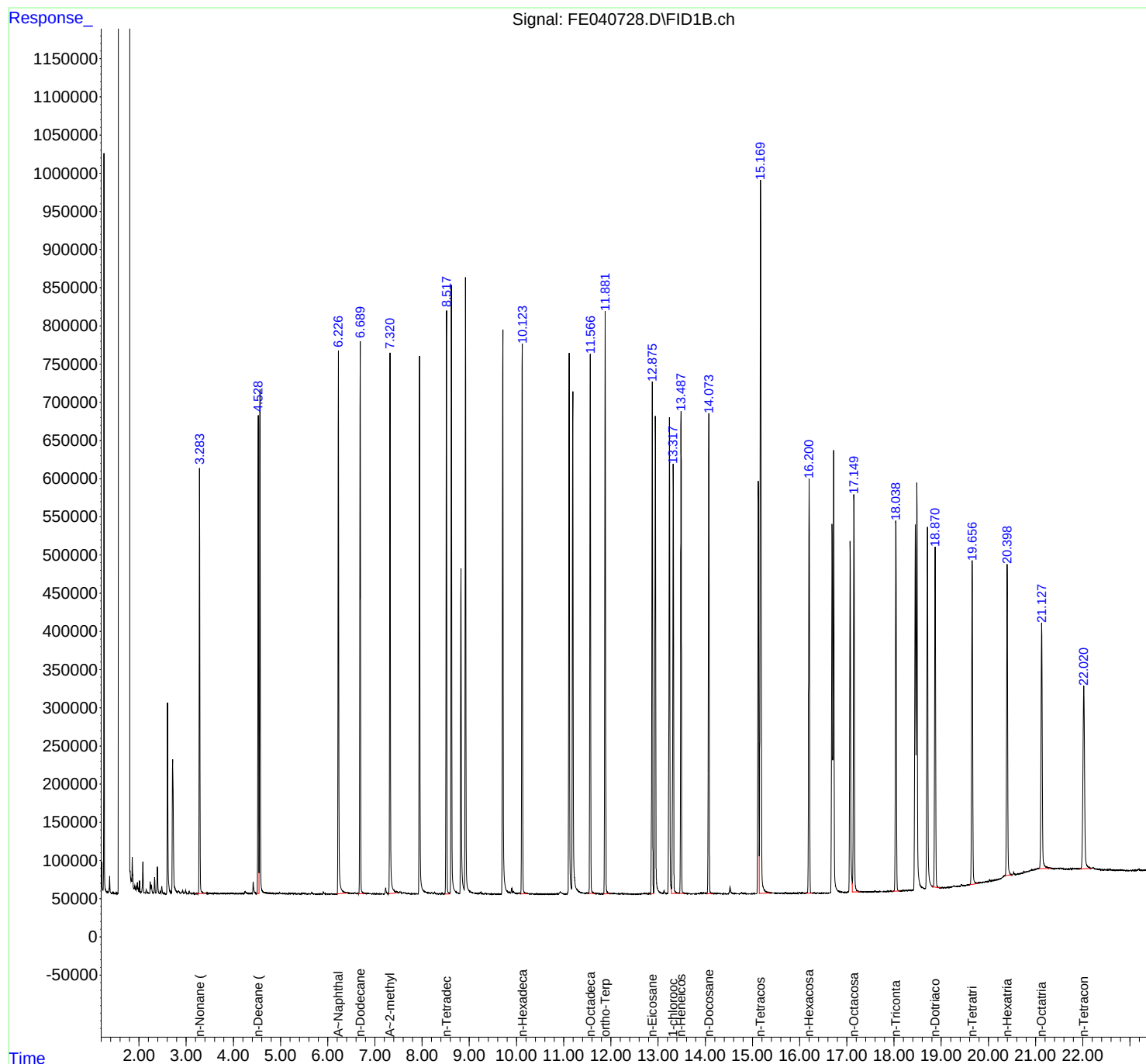
(m)=manual int.

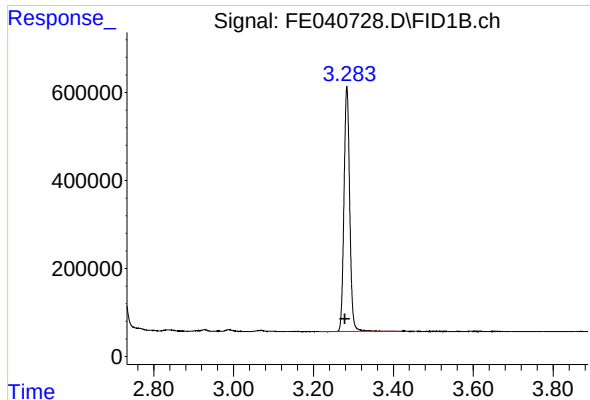
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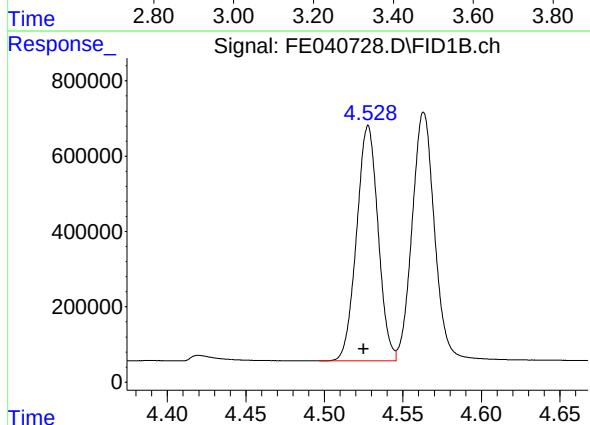




#1 n-Nonane (C9)

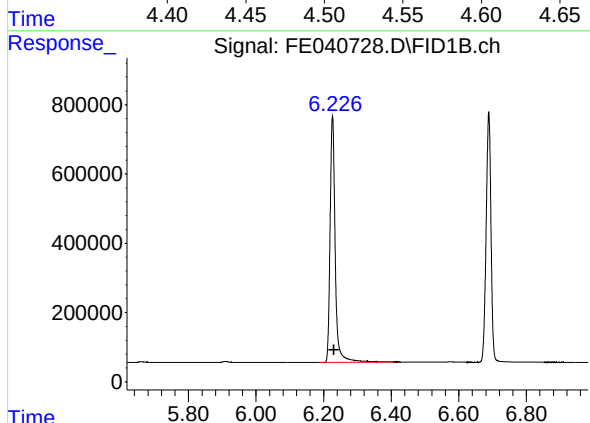
R.T.: 3.284 min
Delta R.T.: 0.005 min
Response: 5547662
Conc: 36.05 ug/ml

Instrument :
FID_E
ClientSampleId :
PB151327BSD



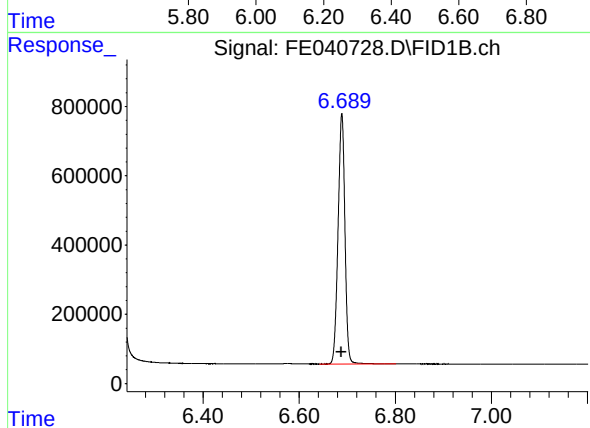
#2 n-Decane (C10)

R.T.: 4.528 min
Delta R.T.: 0.003 min
Response: 5943465
Conc: 39.51 ug/ml



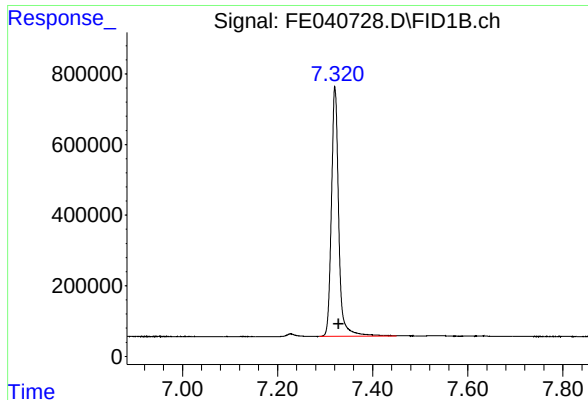
#3 A~Naphthalene (C11.7)

R.T.: 6.226 min
Delta R.T.: -0.005 min
Response: 7479749
Conc: 45.09 ug/ml



#4 n-Dodecane (C12)

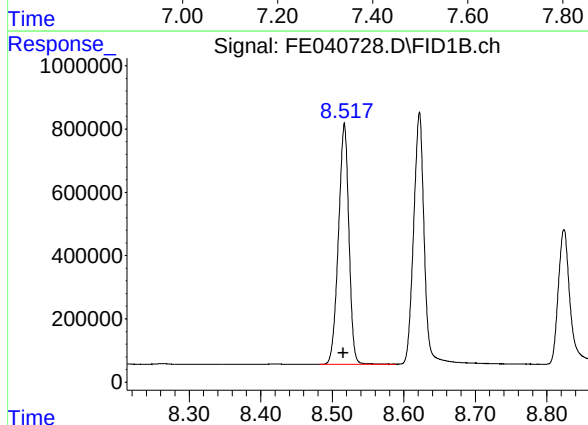
R.T.: 6.689 min
Delta R.T.: 0.001 min
Response: 7178761
Conc: 46.89 ug/ml



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

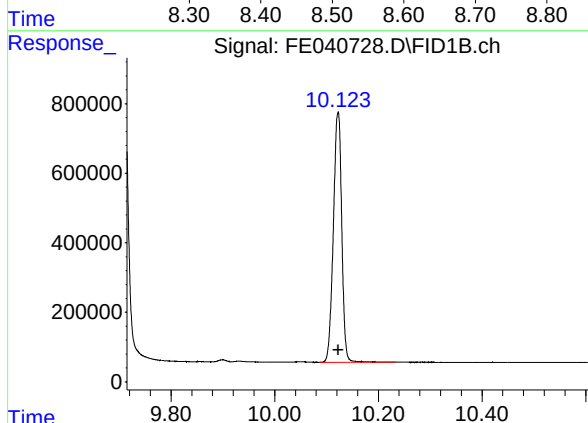
R.T.: 7.321 min
Delta R.T.: -0.008 min
Response: 7627424
Conc: 50.40 ug/ml

Instrument :
FID_E
ClientSampleId :
PB151327BSD



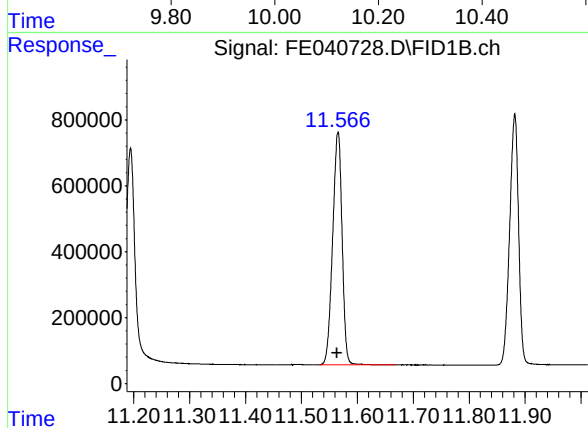
#6 n-Tetradecane (C14)

R.T.: 8.517 min
Delta R.T.: 0.002 min
Response: 7743431
Conc: 50.10 ug/ml



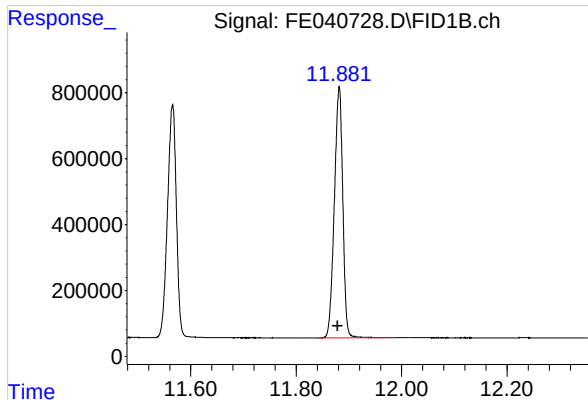
#7 n-Hexadecane (C16)

R.T.: 10.122 min
Delta R.T.: 0.000 min
Response: 8081941
Conc: 50.04 ug/ml



#8 n-Octadecane (C18)

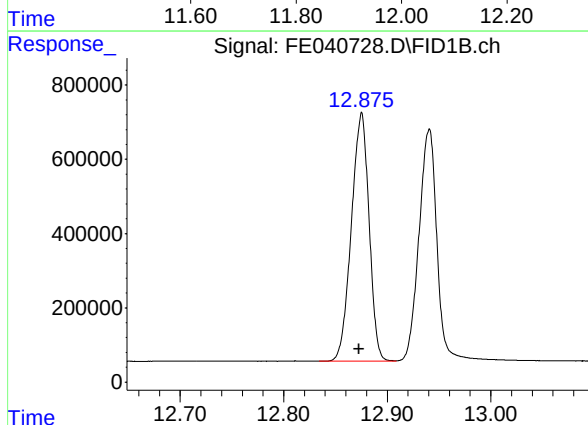
R.T.: 11.566 min
Delta R.T.: 0.002 min
Response: 8281004
Conc: 48.77 ug/ml



#9 ortho-Terphenyl (SURR)

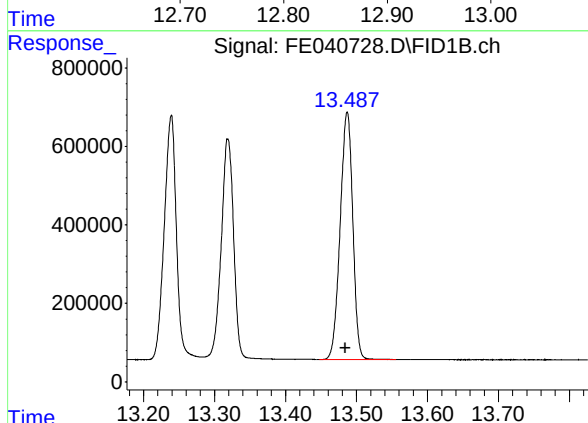
R.T.: 11.882 min
Delta R.T.: 0.003 min
Response: 8470429
Conc: 45.34 ug/ml

Instrument :
FID_E
ClientSampleId :
PB151327BSD



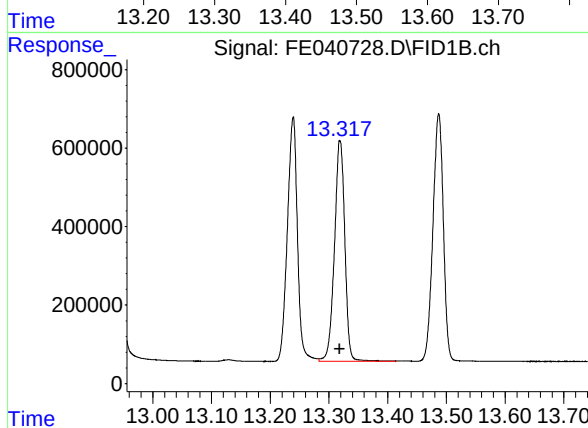
#10 n-Eicosane (C20)

R.T.: 12.875 min
Delta R.T.: 0.002 min
Response: 7952636
Conc: 47.01 ug/ml



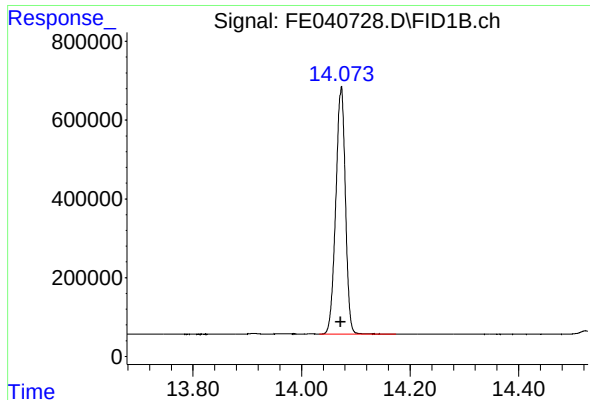
#11 n-Heneicosane (C21)

R.T.: 13.487 min
Delta R.T.: 0.003 min
Response: 7781402
Conc: 45.41 ug/ml



#12 1-chlorooctadecane (SURR)

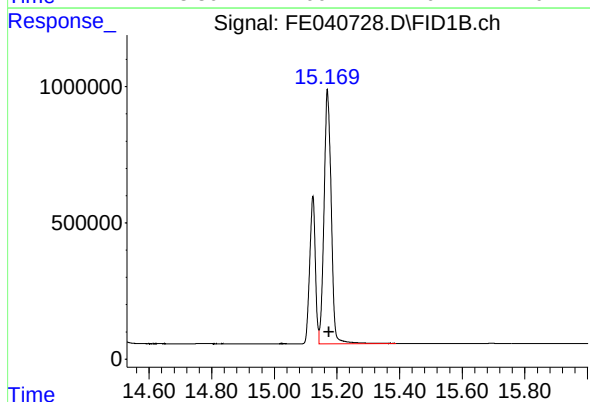
R.T.: 13.319 min
Delta R.T.: 0.000 min
Response: 6924004
Conc: 46.78 ug/ml



#13 n-Docosane (C22)

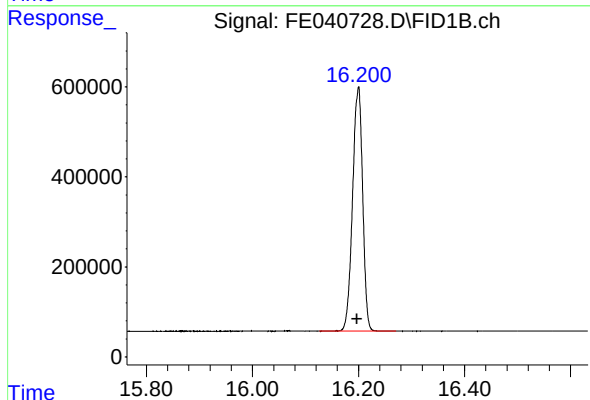
R.T.: 14.073 min
Delta R.T.: 0.002 min
Response: 7708840
Conc: 45.00 ug/ml

Instrument :
FID_E
ClientSampleId :
PB151327BSD



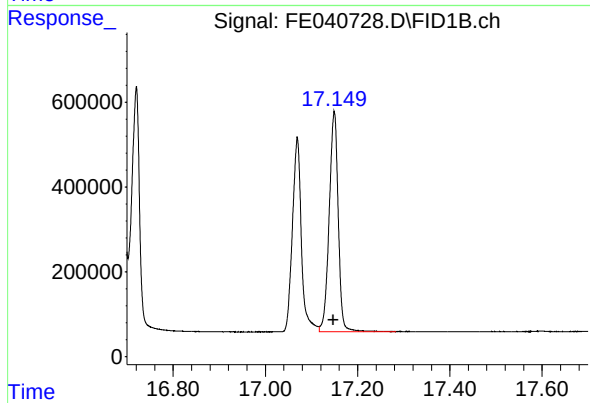
#14 n-Tetracosane (C24)

R.T.: 15.169 min
Delta R.T.: -0.005 min
Response: 14842438
Conc: 86.10 ug/ml



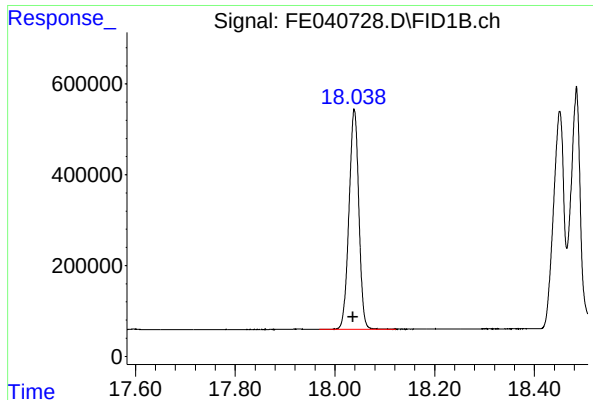
#15 n-Hexacosane (C26)

R.T.: 16.200 min
Delta R.T.: 0.003 min
Response: 7175281
Conc: 42.22 ug/ml



#16 n-Octacosane (C28)

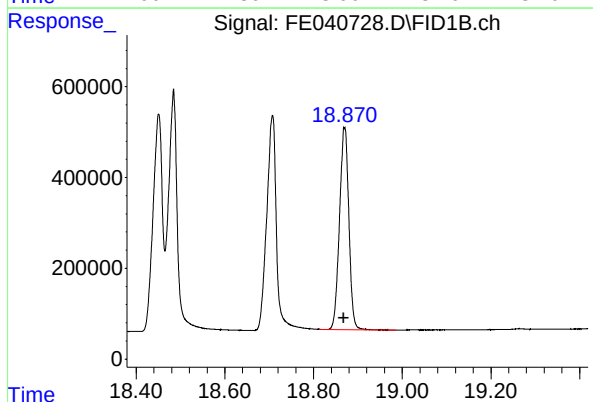
R.T.: 17.149 min
Delta R.T.: 0.002 min
Response: 7083773
Conc: 42.24 ug/ml



#17 n-Tricontane (C30)

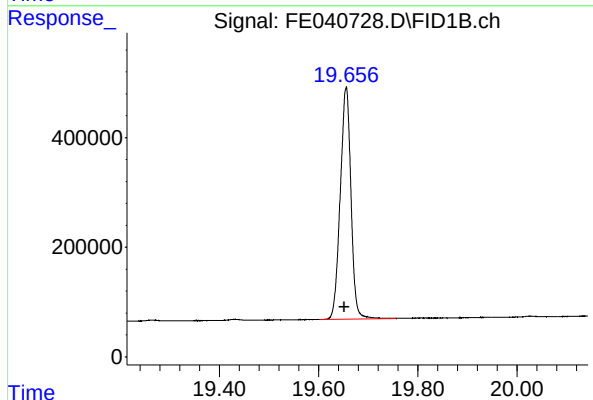
R.T.: 18.039 min
Delta R.T.: 0.003 min
Response: 6634885
Conc: 40.63 ug/ml

Instrument :
FID_E
ClientSampleId :
PB151327BSD



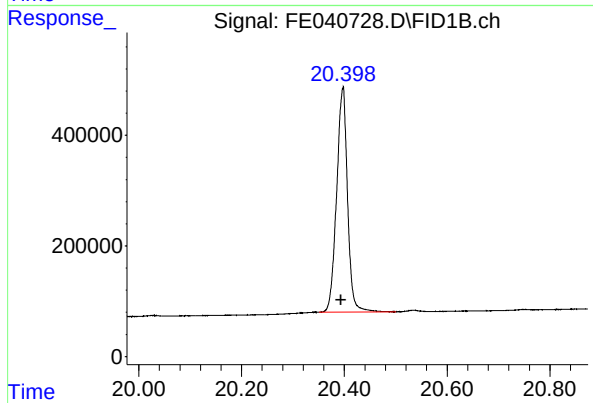
#18 n-Dotriacontane (C32)

R.T.: 18.870 min
Delta R.T.: 0.002 min
Response: 6510919
Conc: 38.04 ug/ml



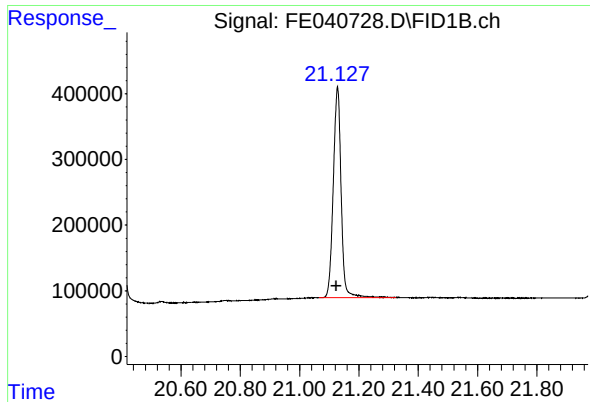
#19 n-Tetratriacontane (C34)

R.T.: 19.655 min
Delta R.T.: 0.003 min
Response: 6355921
Conc: 41.11 ug/ml



#20 n-Hexatriacontane (C36)

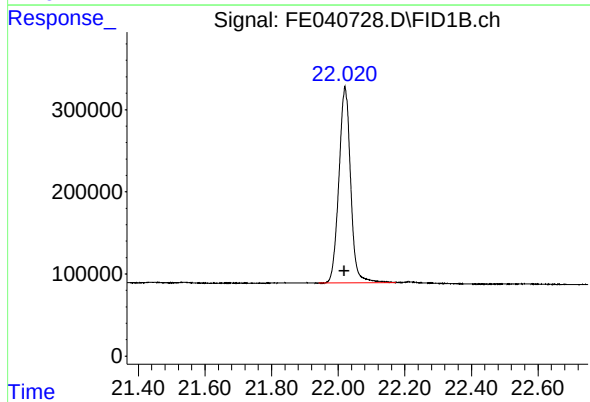
R.T.: 20.397 min
Delta R.T.: 0.004 min
Response: 5985099
Conc: 41.20 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.128 min
Delta R.T.: 0.004 min
Response: 5906545
Conc: 42.97 ug/ml

Instrument :
FID_E
ClientSampleId :
PB151327BSD



#22 n-Tetracontane (C40)

R.T.: 22.020 min
Delta R.T.: 0.002 min
Response: 5833823
Conc: 37.75 ug/ml