

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE053023AL\
 Data File : FE042282.D
 Signal(s) : FID1B.ch
 Acq On : 30 May 2023 16:31
 Operator : YP\AJ
 Sample : PB153096BSD
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 PB153096BSD

Integration File: autoint1.e
 Quant Time: May 31 01:53:23 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)	11.961	8456096	47.889 ug/ml
Spiked Amount 50.000		Recovery =	95.78%
12) S 1-chlorooctadecane (S...	13.396	6693834	50.376 ug/ml
Spiked Amount 50.000		Recovery =	100.75%
Target Compounds			
1) T n-Nonane (C9)	3.350	5997981	41.596 ug/ml
2) T n-Decane (C10)	4.597	6312039	42.638 ug/ml
3) T A~Naphthalene (C11.7)	6.300	7226109	44.288 ug/ml
4) T n-Dodecane (C12)	6.760	6842501	45.631 ug/ml
5) T A~2-methylnaphthalene...	7.397	7245323	45.653 ug/ml
6) T n-Tetradecane (C14)	8.591	7821761	52.212 ug/ml
7) T n-Hexadecane (C16)	10.197	8963416	57.542 ug/ml
8) T n-Octadecane (C18)	11.641	9199657	58.176 ug/ml
10) T n-Eicosane (C20)	12.952	9198960	60.686 ug/ml
11) T n-Heneicosane (C21)	13.563	8770307	59.197 ug/ml
13) T n-Docosane (C22)	14.149	8620379	58.803 ug/ml
14) T n-Tetracosane (C24)	15.246	16331211	113.131 ug/ml
15) T n-Hexacosane (C26)	16.274	8071565	58.279 ug/ml
16) T n-Octacosane (C28)	17.222	7926355	59.203 ug/ml
17) T n-Tricontane (C30)	18.112	7759627	57.482 ug/ml
18) T n-Dotriacontane (C32)	18.942	7544453	56.474 ug/ml
19) T n-Tetratriacontane (C34)	19.726	7594175	57.746 ug/ml
20) T n-Hexatriacontane (C36)	20.467	7322355	56.337 ug/ml
21) T n-Octatriacontane (C38)	21.215	7525580	55.469 ug/ml
22) T n-Tetracontane (C40)	22.149	7795374	56.034 ug/ml

(f)=RT Delta > 1/2 Window

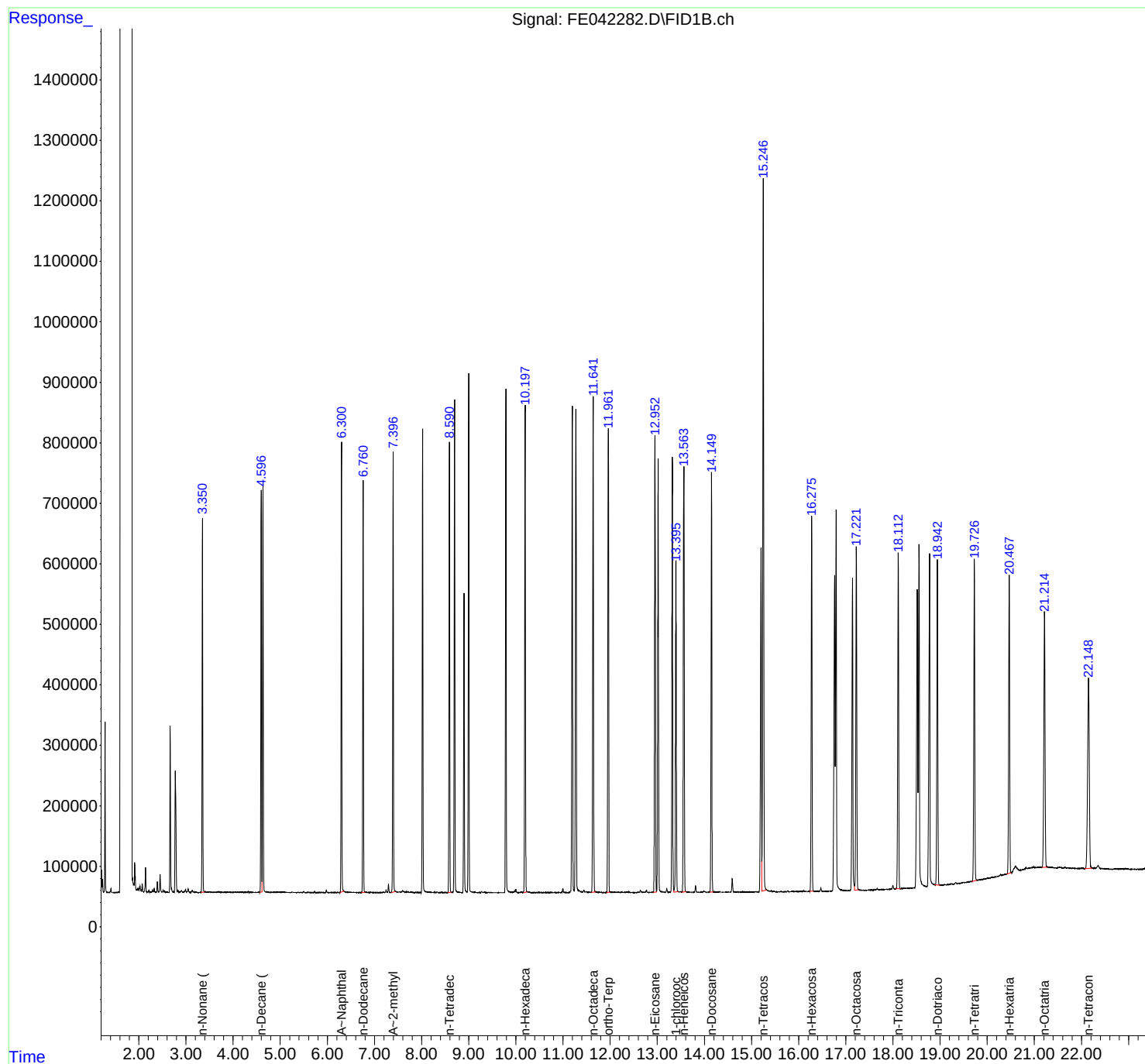
(m)=manual int.

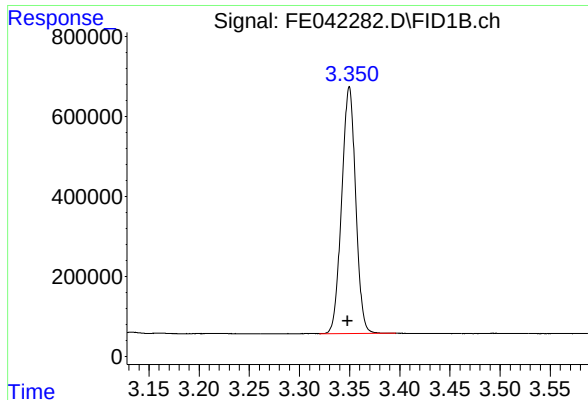
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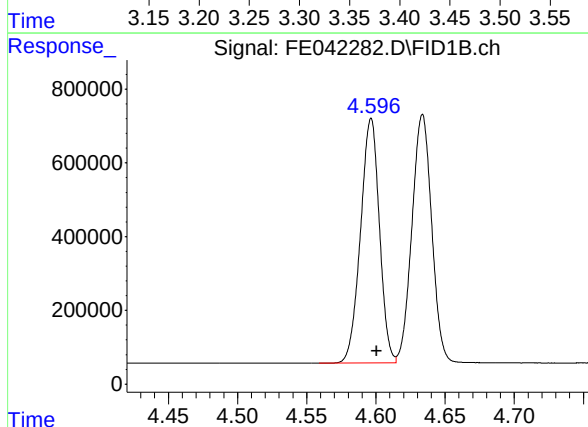




#1 n-Nonane (C9)

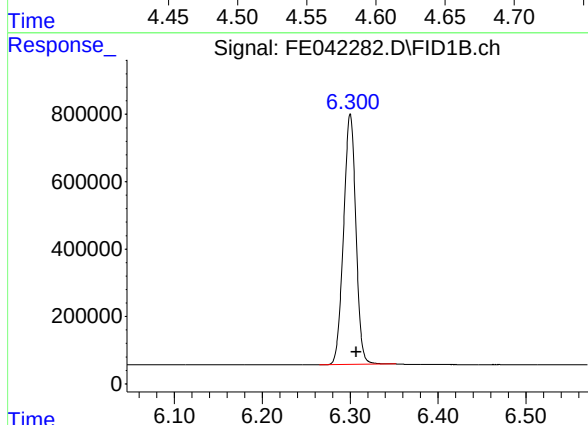
R.T.: 3.350 min
Delta R.T.: 0.002 min
Response: 5997981
Conc: 41.60 ug/ml

Instrument :
FID_E
ClientSampleId :
PB153096BSD



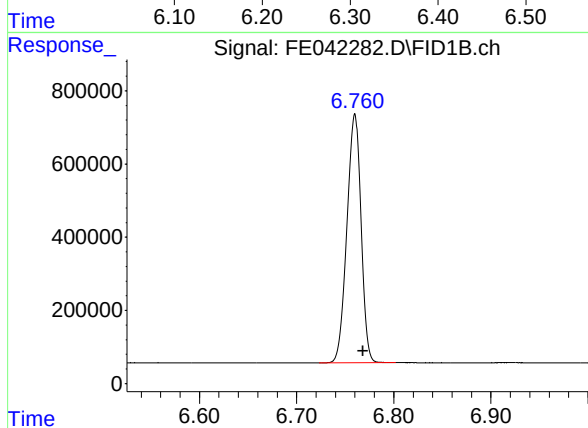
#2 n-Decane (C10)

R.T.: 4.597 min
Delta R.T.: -0.004 min
Response: 6312039
Conc: 42.64 ug/ml



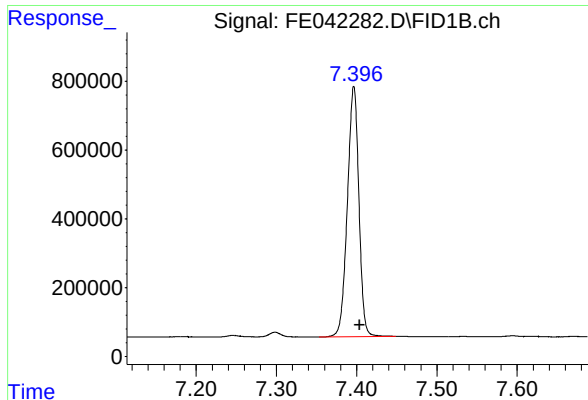
#3 A~Naphthalene (C11.7)

R.T.: 6.300 min
Delta R.T.: -0.007 min
Response: 7226109
Conc: 44.29 ug/ml



#4 n-Dodecane (C12)

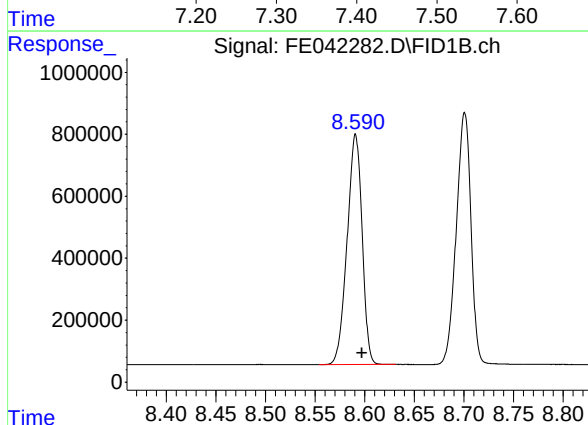
R.T.: 6.760 min
Delta R.T.: -0.008 min
Response: 6842501
Conc: 45.63 ug/ml



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

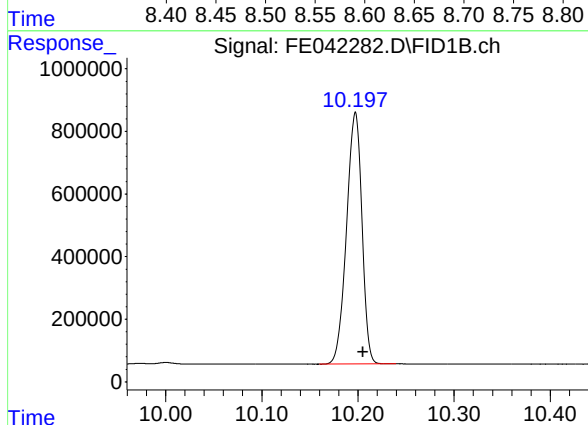
R.T.: 7.397 min
Delta R.T.: -0.007 min
Response: 7245323
Conc: 45.65 ug/ml

Instrument :
FID_E
ClientSampleId :
PB153096BSD



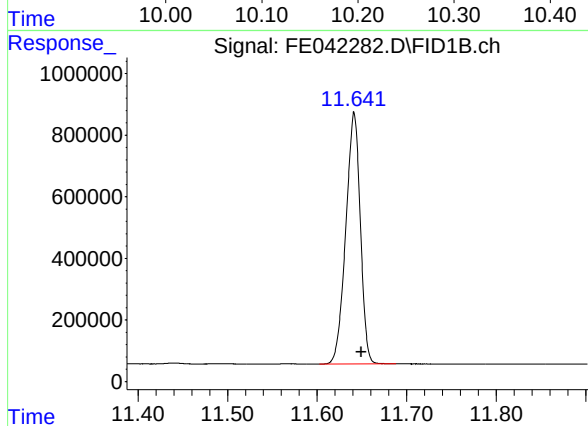
#6 n-Tetradecane (C14)

R.T.: 8.591 min
Delta R.T.: -0.006 min
Response: 7821761
Conc: 52.21 ug/ml



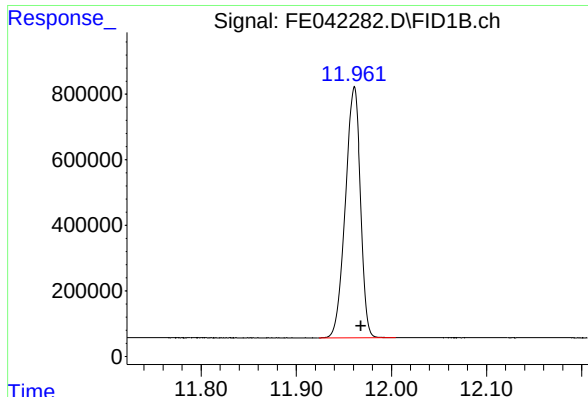
#7 n-Hexadecane (C16)

R.T.: 10.197 min
Delta R.T.: -0.008 min
Response: 8963416
Conc: 57.54 ug/ml



#8 n-Octadecane (C18)

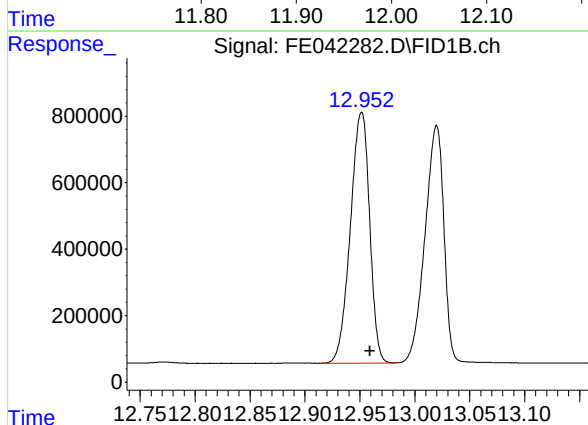
R.T.: 11.641 min
Delta R.T.: -0.008 min
Response: 9199657
Conc: 58.18 ug/ml



#9 ortho-Terphenyl (SURR)

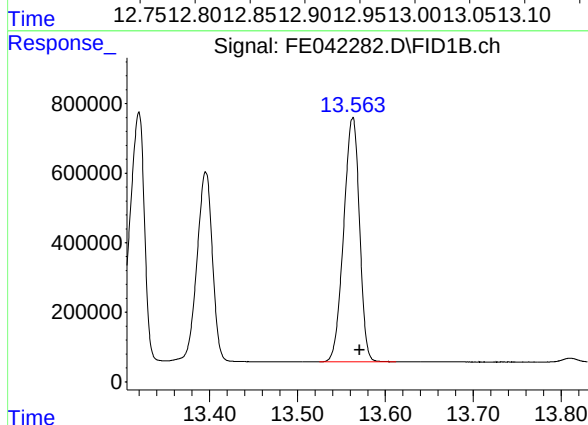
R.T.: 11.961 min
Delta R.T.: -0.007 min
Response: 8456096
Conc: 47.89 ug/ml

Instrument :
FID_E
ClientSampleId :
PB153096BSD



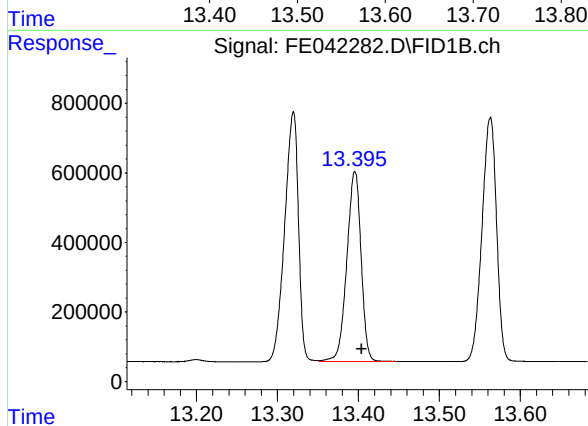
#10 n-Eicosane (C20)

R.T.: 12.952 min
Delta R.T.: -0.008 min
Response: 9198960
Conc: 60.69 ug/ml



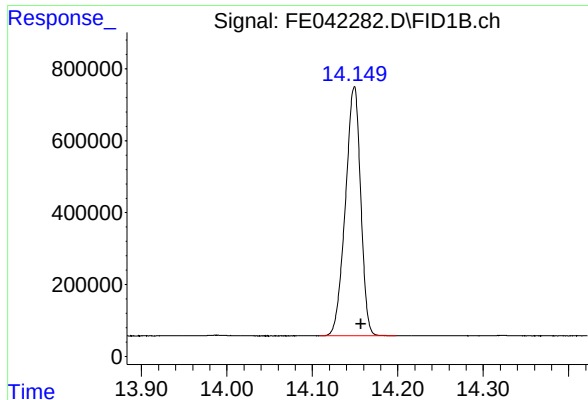
#11 n-Heneicosane (C21)

R.T.: 13.563 min
Delta R.T.: -0.008 min
Response: 8770307
Conc: 59.20 ug/ml



#12 1-chlorooctadecane (SURR)

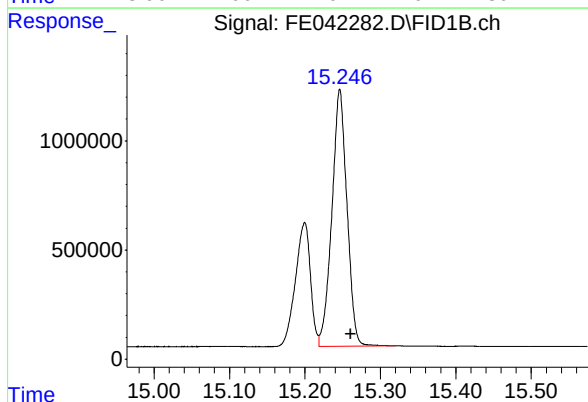
R.T.: 13.396 min
Delta R.T.: -0.008 min
Response: 6693834
Conc: 50.38 ug/ml



#13 n-Docosane (C22)

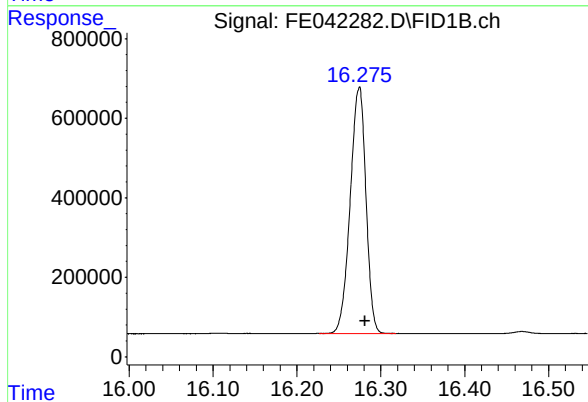
R.T.: 14.149 min
Delta R.T.: -0.008 min
Response: 8620379
Conc: 58.80 ug/ml

Instrument :
FID_E
ClientSampleId :
PB153096BSD



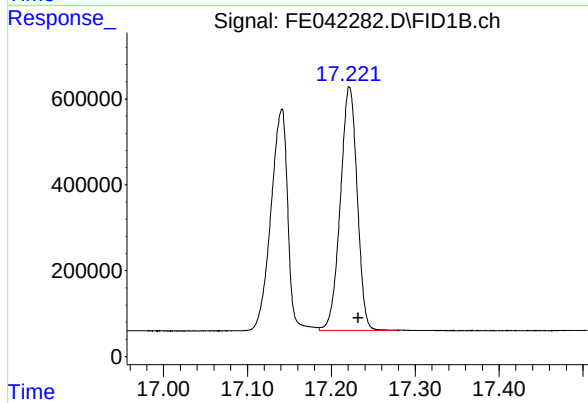
#14 n-Tetracosane (C24)

R.T.: 15.246 min
Delta R.T.: -0.015 min
Response: 16331211
Conc: 113.13 ug/ml



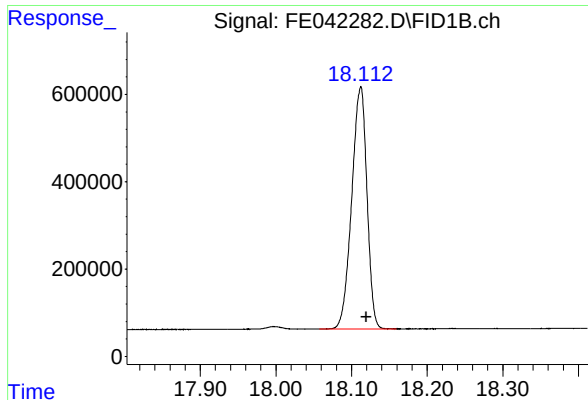
#15 n-Hexacosane (C26)

R.T.: 16.274 min
Delta R.T.: -0.007 min
Response: 8071565
Conc: 58.28 ug/ml



#16 n-Octacosane (C28)

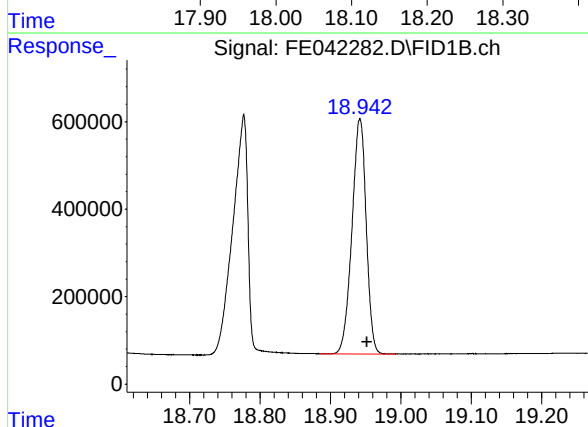
R.T.: 17.222 min
Delta R.T.: -0.011 min
Response: 7926355
Conc: 59.20 ug/ml



#17 n-Tricontane (C30)

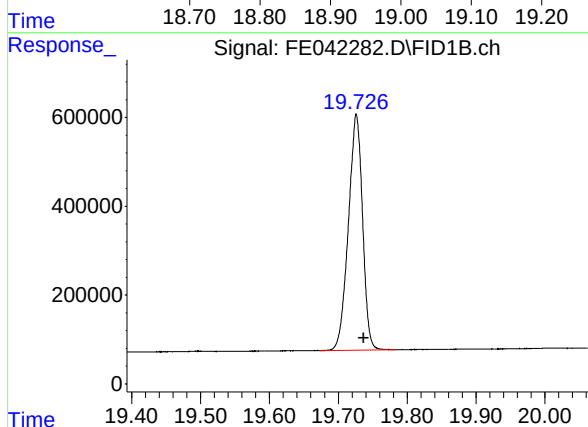
R.T.: 18.112 min
Delta R.T.: -0.008 min
Response: 7759627
Conc: 57.48 ug/ml

Instrument :
FID_E
ClientSampleId :
PB153096BSD



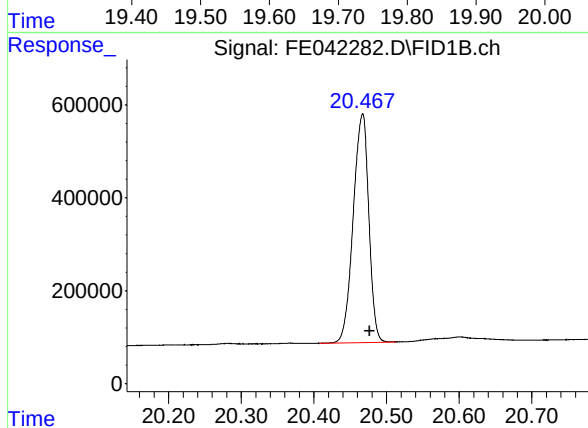
#18 n-Dotriacontane (C32)

R.T.: 18.942 min
Delta R.T.: -0.010 min
Response: 7544453
Conc: 56.47 ug/ml



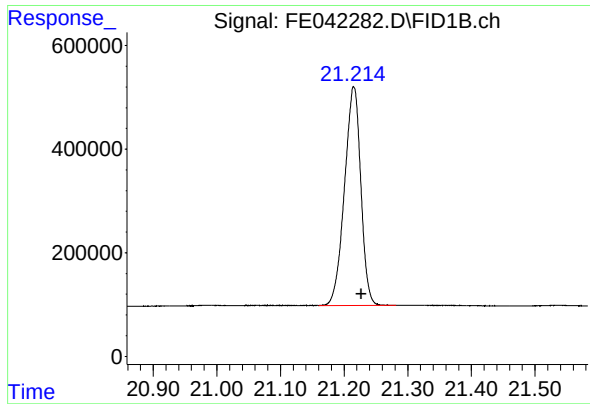
#19 n-Tetratriacontane (C34)

R.T.: 19.726 min
Delta R.T.: -0.010 min
Response: 7594175
Conc: 57.75 ug/ml



#20 n-Hexatriacontane (C36)

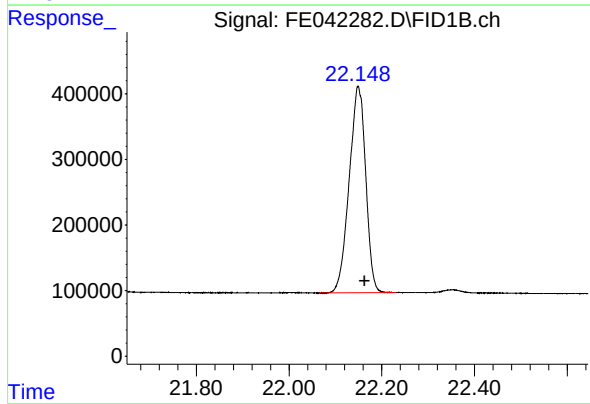
R.T.: 20.467 min
Delta R.T.: -0.010 min
Response: 7322355
Conc: 56.34 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.215 min
Delta R.T.: -0.012 min
Response: 7525580
Conc: 55.47 ug/ml

Instrument :
FID_E
ClientSampleId :
PB153096BSD



#22 n-Tetracontane (C40)

R.T.: 22.149 min
Delta R.T.: -0.014 min
Response: 7795374
Conc: 56.03 ug/ml