

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE062718AL\
 Data File : FE027963.D
 Signal(s) : FID1B.CH
 Acq On : 27 Jun 2018 21:30
 Operator : UA/AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Jun 28 08:46:15 2018
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Alaphatic EPH 062618.M
 Quant Title : GC Extractables
 QLast Update : Wed Jun 27 09:03:43 2018
 Response via : Initial Calibration
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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)	11.964	6065064	20.991 ug/ml
Spiked Amount 50.000		Recovery =	41.98%
12) S 1-chlorooctadecane (S...	13.390	5275057	18.495 ug/ml
Spiked Amount 50.000		Recovery =	36.99%
Target Compounds			
1) T n-Nonane (C9)	3.651	3475466	20.817 ug/ml
2) T n-Decane (C10)	4.722	3645000	21.254 ug/ml
3) T A~Naphthalene (C11.7)	6.334	4264641	21.957 ug/ml
4) T n-Dodecane (C12)	6.750	4088757	22.032 ug/ml
5) T A~2-methylnaphthalene...	7.398	4584488	22.485 ug/ml
6) T n-Tetradecane (C14)	8.558	4822869	22.607 ug/ml
7) T n-Hexadecane (C16)	10.171	5577859	22.128 ug/ml
8) T n-Octadecane (C18)	11.624	5990634	19.763 ug/ml
10) T n-Eicosane (C20)	12.940	6313176	18.980 ug/ml
11) T n-Heneicosane (C21)	13.556	6297014	18.308 ug/ml
13) T n-Docosane (C22)	14.145	6298234	17.727 ug/ml
14) T n-Tetracosane (C24)	15.252	6112395	16.878 ug/ml
15) T n-Hexacosane (C26)	16.278	5882049	16.384 ug/ml
16) T n-Octacosane (C28)	17.232	5698077	16.164 ug/ml
17) T n-Tricontane (C30)	18.123	5317909	16.214 ug/ml
18) T n-Dotriacontane (C32)	18.958	4955057	16.190 ug/ml
19) T n-Tetratriacontane (C34)	19.744	4636095	16.617 ug/ml
20) T n-Hexatriacontane (C36)	20.488	4449586	17.389 ug/ml
21) T n-Octatriacontane (C38)	21.315	4390284	17.108 ug/ml
22) T n-Tetracontane (C40)	22.365	4397393	17.039 ug/ml

(f)=RT Delta > 1/2 Window

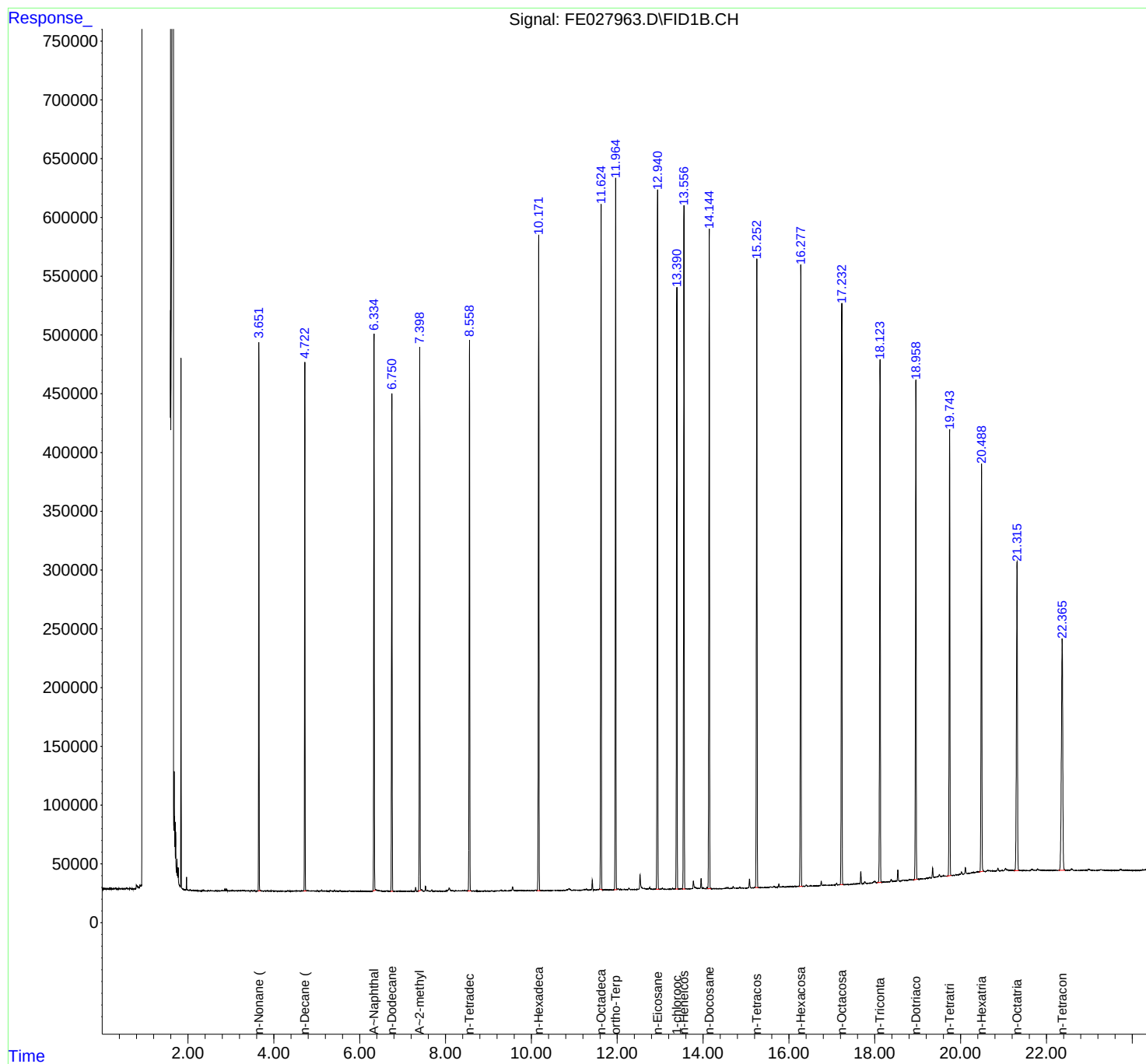
(m)=manual int.

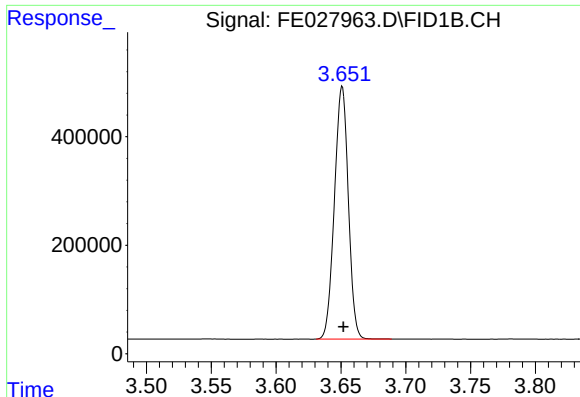
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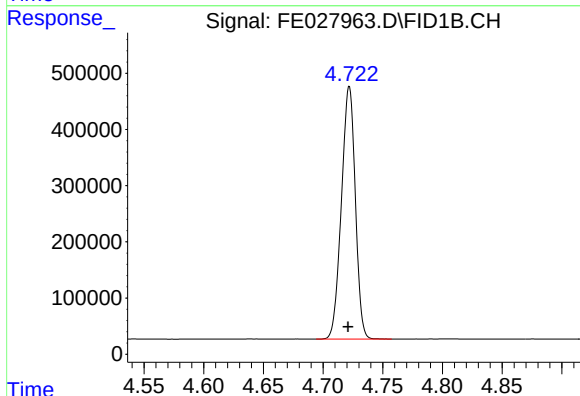




#1 n-Nonane (C9)

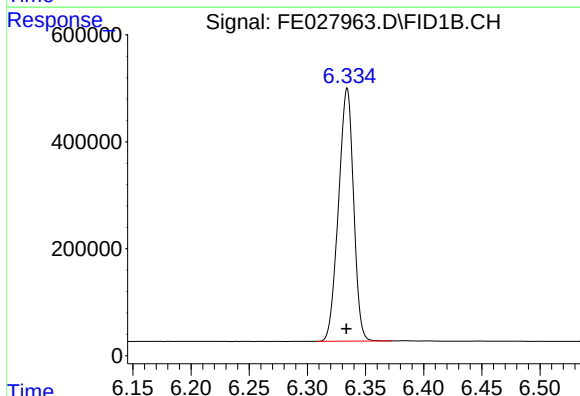
R.T.: 3.651 min
Delta R.T.: -0.001 min
Response: 3475466
Conc: 20.82 ug/ml

Instrument :
FID_E
ClientSampleId :



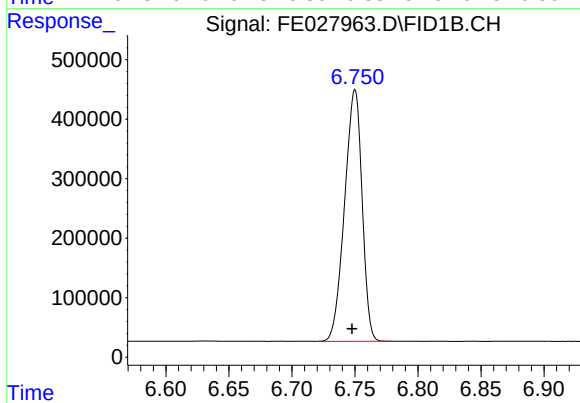
#2 n-Decane (C10)

R.T.: 4.722 min
Delta R.T.: 0.001 min
Response: 3645000
Conc: 21.25 ug/ml



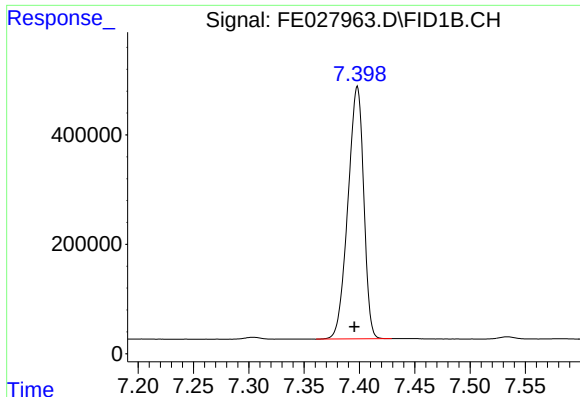
#3 A~Naphthalene (C11.7)

R.T.: 6.334 min
Delta R.T.: 0.000 min
Response: 4264641
Conc: 21.96 ug/ml



#4 n-Dodecane (C12)

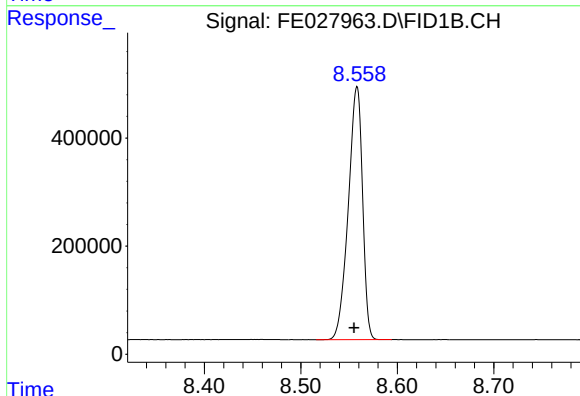
R.T.: 6.750 min
Delta R.T.: 0.002 min
Response: 4088757
Conc: 22.03 ug/ml



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

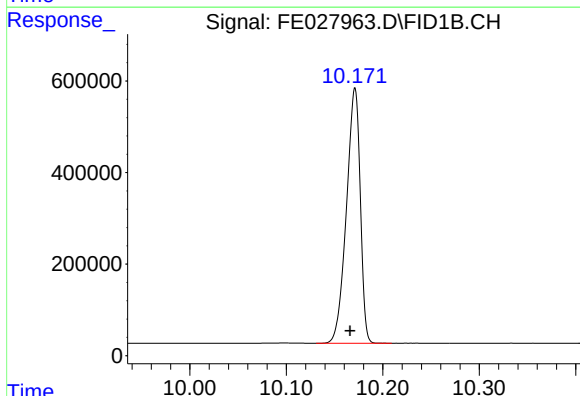
R.T.: 7.398 min
Delta R.T.: 0.003 min
Response: 4584488
Conc: 22.49 ug/ml

Instrument :
FID_E
ClientSampleId :



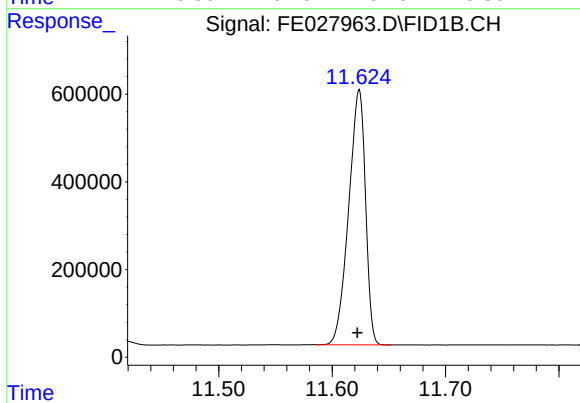
#6 n-Tetradecane (C14)

R.T.: 8.558 min
Delta R.T.: 0.003 min
Response: 4822869
Conc: 22.61 ug/ml



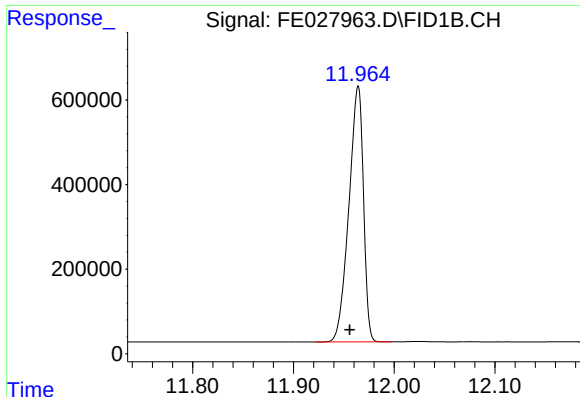
#7 n-Hexadecane (C16)

R.T.: 10.171 min
Delta R.T.: 0.005 min
Response: 5577859
Conc: 22.13 ug/ml



#8 n-Octadecane (C18)

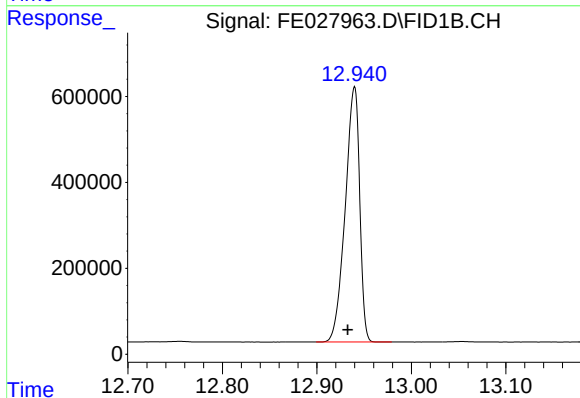
R.T.: 11.624 min
Delta R.T.: 0.002 min
Response: 5990634
Conc: 19.76 ug/ml



#9 ortho-Terphenyl (SURR)

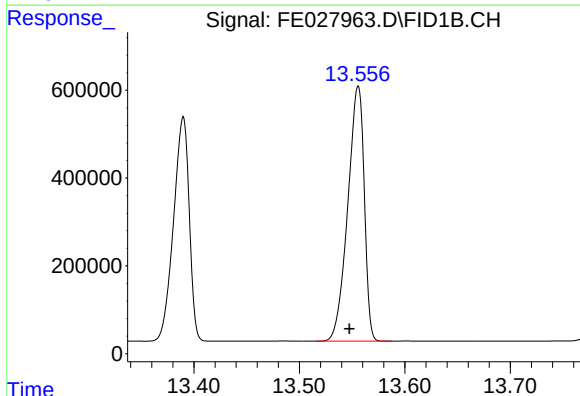
R.T.: 11.964 min
Delta R.T.: 0.008 min
Response: 6065064
Conc: 20.99 ug/ml

Instrument :
FID_E
ClientSampleId :



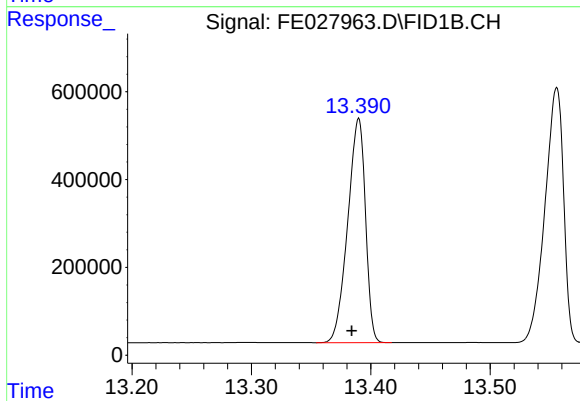
#10 n-Eicosane (C20)

R.T.: 12.940 min
Delta R.T.: 0.007 min
Response: 6313176
Conc: 18.98 ug/ml



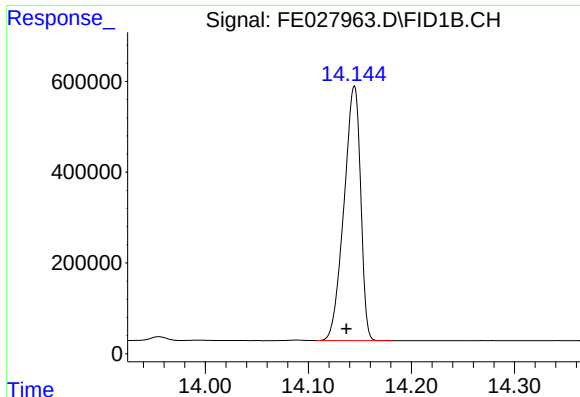
#11 n-Heneicosane (C21)

R.T.: 13.556 min
Delta R.T.: 0.008 min
Response: 6297014
Conc: 18.31 ug/ml



#12 1-chlorooctadecane (SURR)

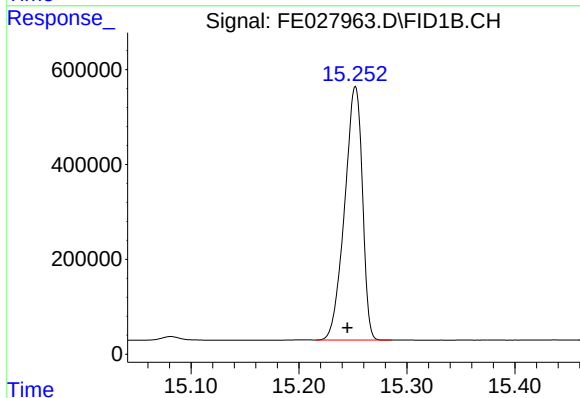
R.T.: 13.390 min
Delta R.T.: 0.006 min
Response: 5275057
Conc: 18.50 ug/ml



#13 n-Docosane (C22)

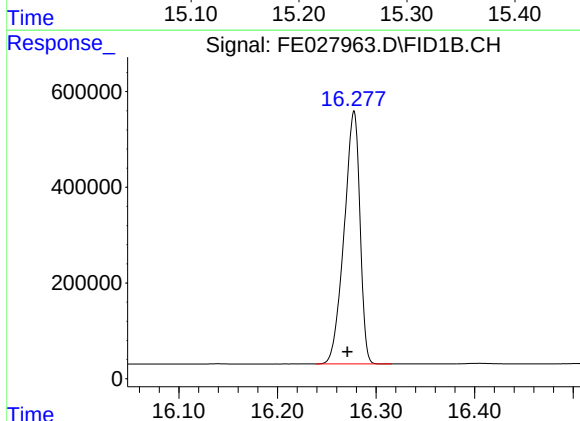
R.T.: 14.145 min
Delta R.T.: 0.008 min
Response: 6298234
Conc: 17.73 ug/ml

Instrument :
FID_E
ClientSampleId :



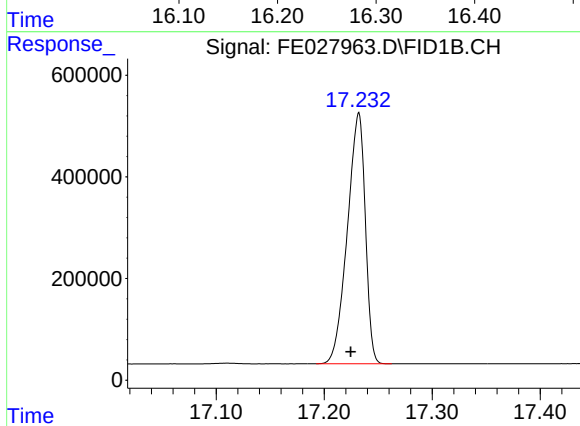
#14 n-Tetracosane (C24)

R.T.: 15.252 min
Delta R.T.: 0.007 min
Response: 6112395
Conc: 16.88 ug/ml



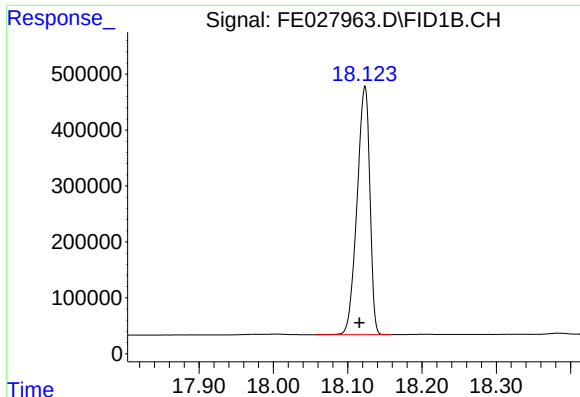
#15 n-Hexacosane (C26)

R.T.: 16.278 min
Delta R.T.: 0.007 min
Response: 5882049
Conc: 16.38 ug/ml



#16 n-Octacosane (C28)

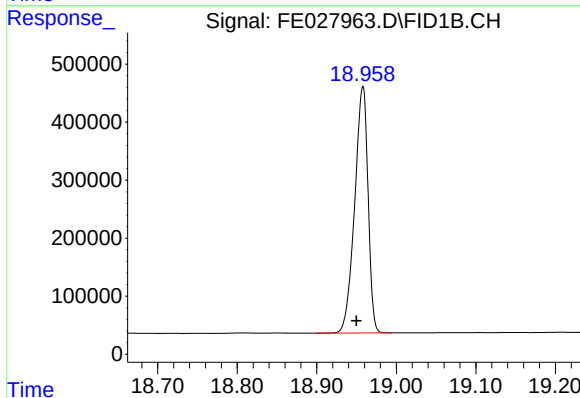
R.T.: 17.232 min
Delta R.T.: 0.007 min
Response: 5698077
Conc: 16.16 ug/ml



#17 n-Tricontane (C30)

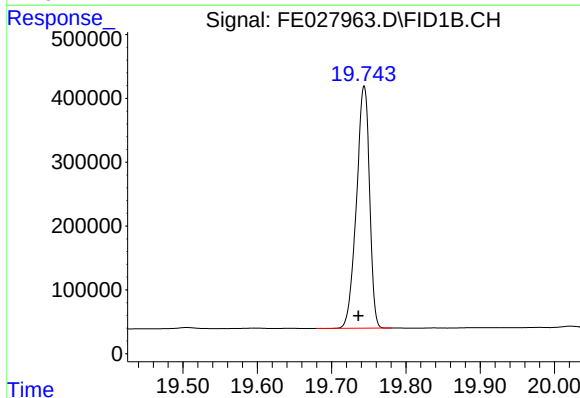
R.T.: 18.123 min
Delta R.T.: 0.007 min
Response: 5317909
Conc: 16.21 ug/ml

Instrument :
FID_E
ClientSampleId :



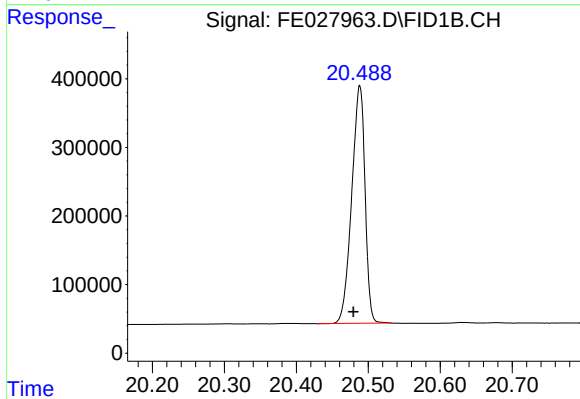
#18 n-Dotriacontane (C32)

R.T.: 18.958 min
Delta R.T.: 0.008 min
Response: 4955057
Conc: 16.19 ug/ml



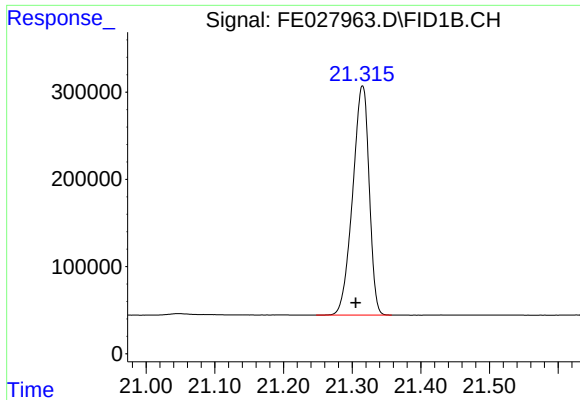
#19 n-Tetratriacontane (C34)

R.T.: 19.744 min
Delta R.T.: 0.008 min
Response: 4636095
Conc: 16.62 ug/ml



#20 n-Hexatriacontane (C36)

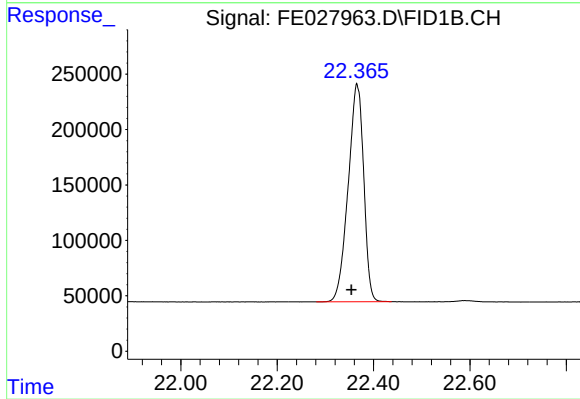
R.T.: 20.488 min
Delta R.T.: 0.009 min
Response: 4449586
Conc: 17.39 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.315 min
Delta R.T.: 0.010 min
Response: 4390284
Conc: 17.11 ug/ml

Instrument :
FID_E
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 22.365 min
Delta R.T.: 0.011 min
Response: 4397393
Conc: 17.04 ug/ml