

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE050523AL\
 Data File : FE041755.D
 Signal(s) : FID1B.ch
 Acq On : 05 May 2023 13:29
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: May 06 01:26:51 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 042123.M
 Quant Title : GC Extractables
 QLast Update : Fri Apr 21 07:33:51 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)	11.972	3460765	18.447 ug/ml
Spiked Amount 50.000		Recovery =	36.89%
12) S 1-chlorooctadecane (S...	13.408	2544381	18.011 ug/ml
Spiked Amount 50.000		Recovery =	36.02%
Target Compounds			
1) T n-Nonane (C9)	3.350	2782133	18.927 ug/ml
2) T n-Decane (C10)	4.604	2889919	19.269 ug/ml
3) T A~Naphthalene (C11.7)	6.310	3175442	19.188 ug/ml
4) T n-Dodecane (C12)	6.773	2906868	19.119 ug/ml
5) T A~2-methylnaphthalene...	7.407	3086426	19.141 ug/ml
6) T n-Tetradecane (C14)	8.601	2902796	19.109 ug/ml
7) T n-Hexadecane (C16)	10.209	3019719	18.922 ug/ml
8) T n-Octadecane (C18)	11.654	3063604	18.690 ug/ml
10) T n-Eicosane (C20)	12.963	2948195	18.329 ug/ml
11) T n-Heneicosane (C21)	13.576	2894046	18.159 ug/ml
13) T n-Docosane (C22)	14.162	2876239	18.052 ug/ml
14) T n-Tetracosane (C24)	15.265	2857963	17.727 ug/ml
15) T n-Hexacosane (C26)	16.286	2760983	17.464 ug/ml
16) T n-Octacosane (C28)	17.236	2699347	17.543 ug/ml
17) T n-Tricontane (C30)	18.124	2746760	18.035 ug/ml
18) T n-Dotriacontane (C32)	18.955	2708984	18.184 ug/ml
19) T n-Tetratriacontane (C34)	19.740	2647715	18.795 ug/ml
20) T n-Hexatriacontane (C36)	20.479	2587952	19.352 ug/ml
21) T n-Octatriacontane (C38)	21.231	2603711	19.705 ug/ml
22) T n-Tetracontane (C40)	22.168	2579303	20.372 ug/ml

(f)=RT Delta > 1/2 Window

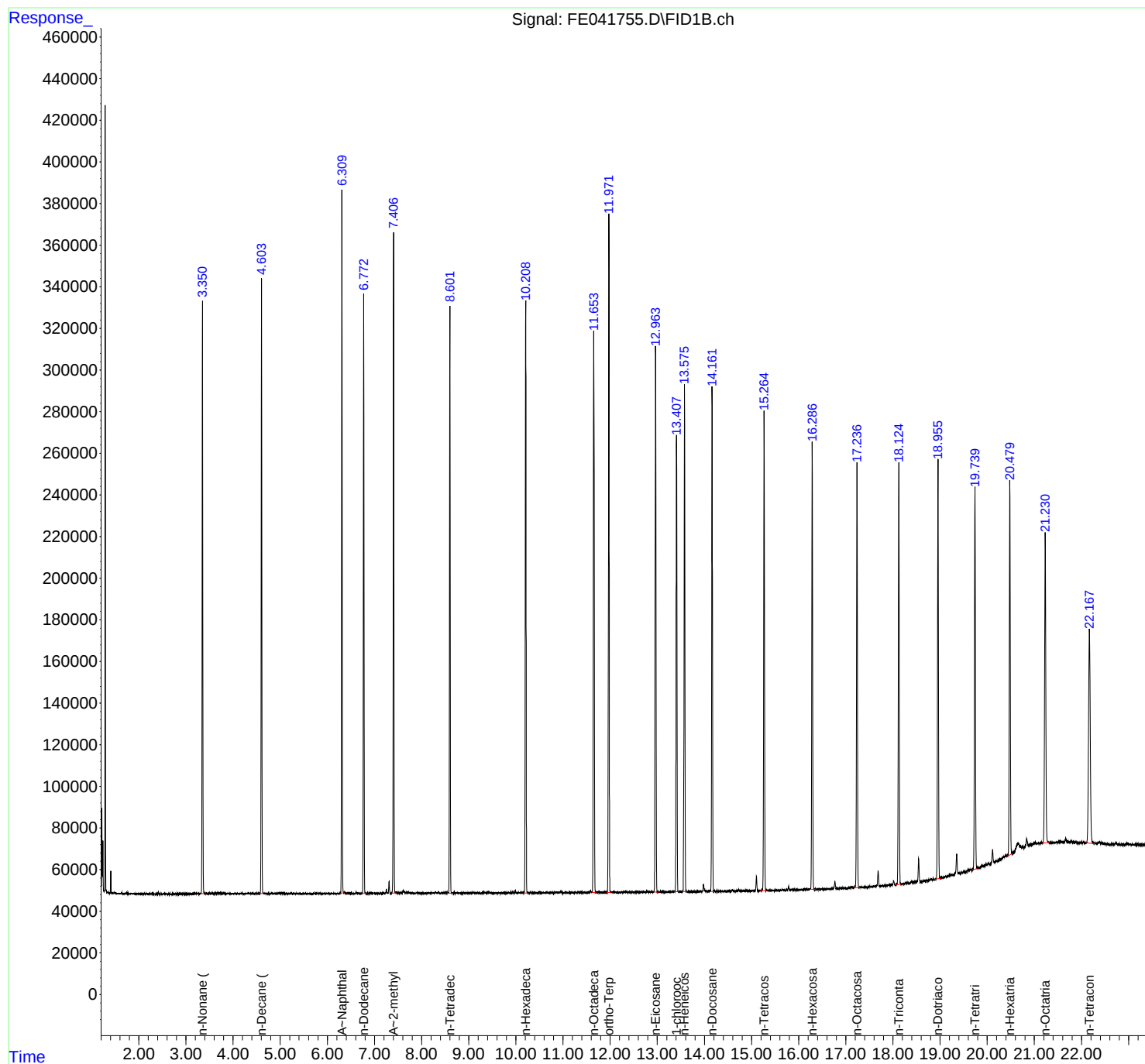
(m)=manual int.

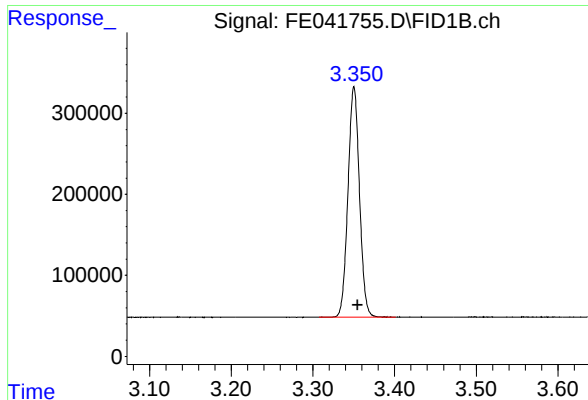
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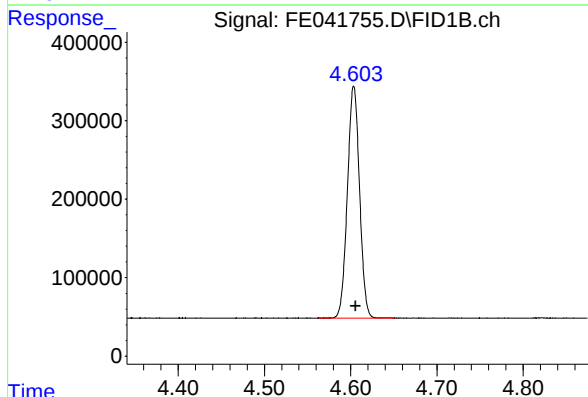




#1 n-Nonane (C9)

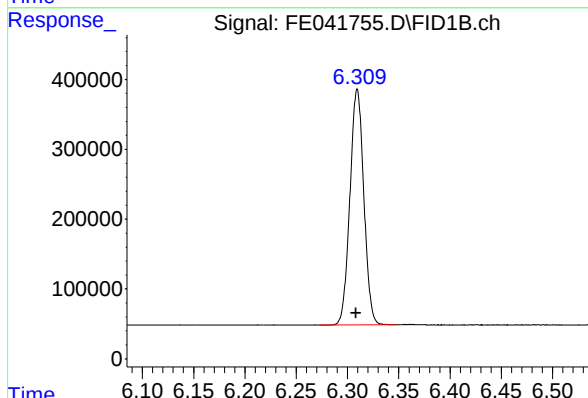
R.T.: 3.350 min
Delta R.T.: -0.005 min
Response: 2782133
Conc: 18.93 ug/ml

Instrument :
FID_E
ClientSampleId :



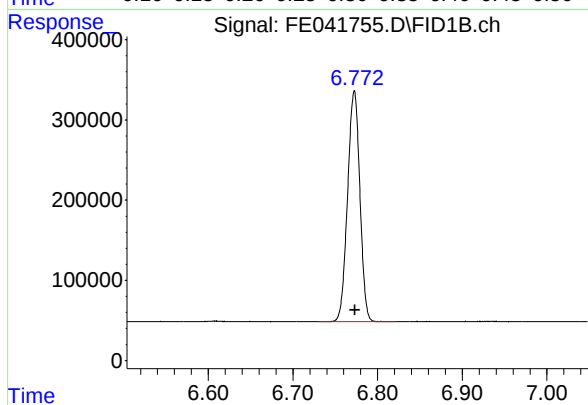
#2 n-Decane (C10)

R.T.: 4.604 min
Delta R.T.: -0.002 min
Response: 2889919
Conc: 19.27 ug/ml



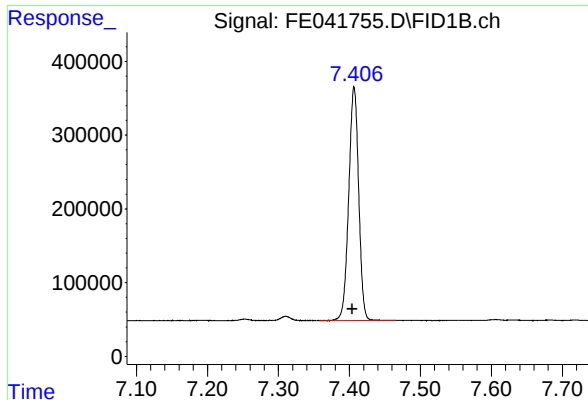
#3 A~Naphthalene (C11.7)

R.T.: 6.310 min
Delta R.T.: 0.001 min
Response: 3175442
Conc: 19.19 ug/ml



#4 n-Dodecane (C12)

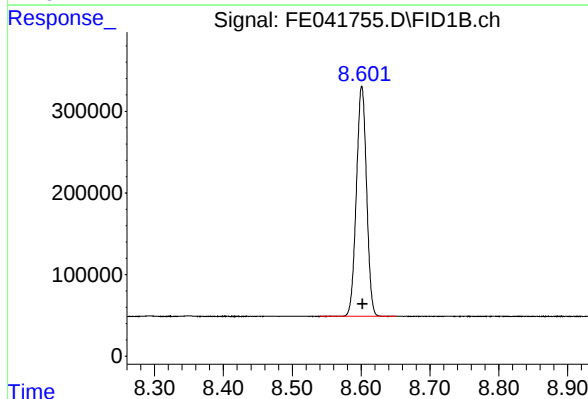
R.T.: 6.773 min
Delta R.T.: 0.000 min
Response: 2906868
Conc: 19.12 ug/ml



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

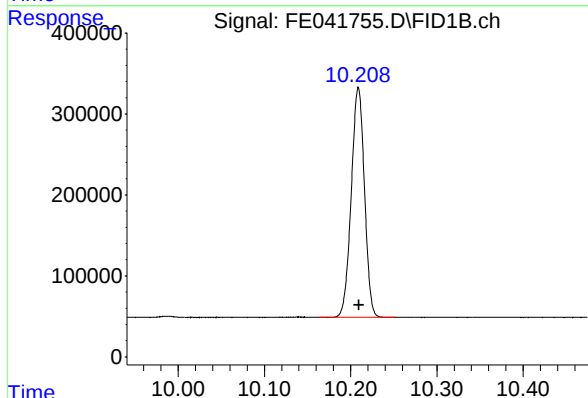
R.T.: 7.407 min
Delta R.T.: 0.002 min
Response: 3086426
Conc: 19.14 ug/ml

Instrument :
FID_E
ClientSampleId :



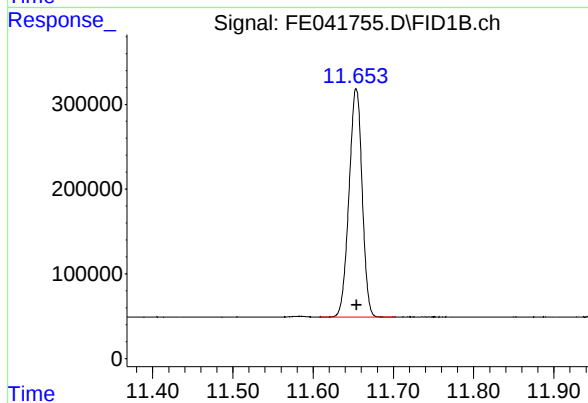
#6 n-Tetradecane (C14)

R.T.: 8.601 min
Delta R.T.: -0.001 min
Response: 2902796
Conc: 19.11 ug/ml



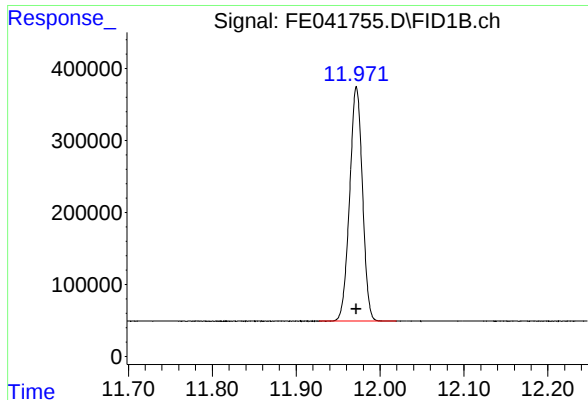
#7 n-Hexadecane (C16)

R.T.: 10.209 min
Delta R.T.: 0.000 min
Response: 3019719
Conc: 18.92 ug/ml



#8 n-Octadecane (C18)

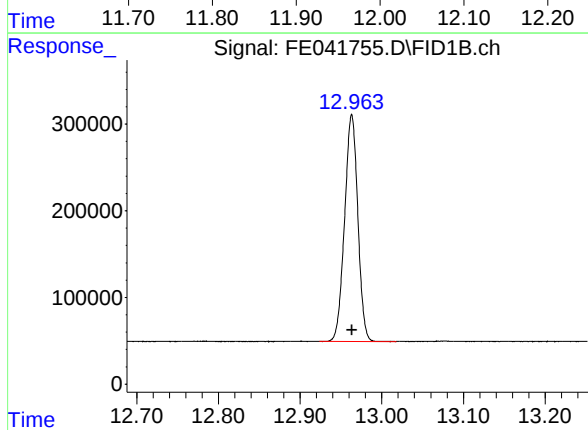
R.T.: 11.654 min
Delta R.T.: 0.000 min
Response: 3063604
Conc: 18.69 ug/ml



#9 ortho-Terphenyl (SURR)

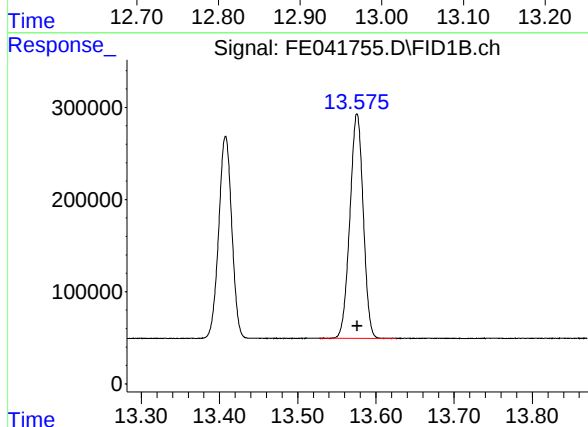
R.T.: 11.972 min
Delta R.T.: 0.000 min
Response: 3460765
Conc: 18.45 ug/ml

Instrument :
FID_E
ClientSampleId :



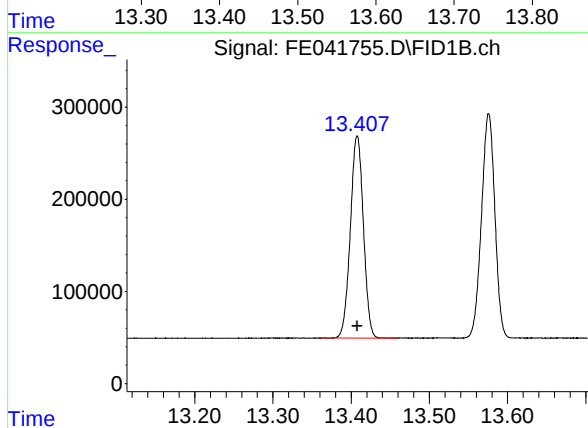
#10 n-Eicosane (C20)

R.T.: 12.963 min
Delta R.T.: 0.000 min
Response: 2948195
Conc: 18.33 ug/ml



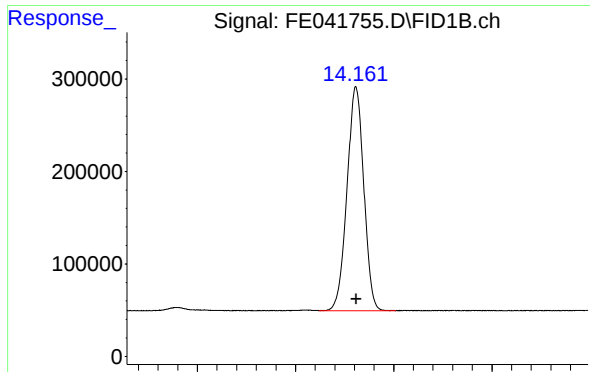
#11 n-Heneicosane (C21)

R.T.: 13.576 min
Delta R.T.: 0.000 min
Response: 2894046
Conc: 18.16 ug/ml



#12 1-chlorooctadecane (SURR)

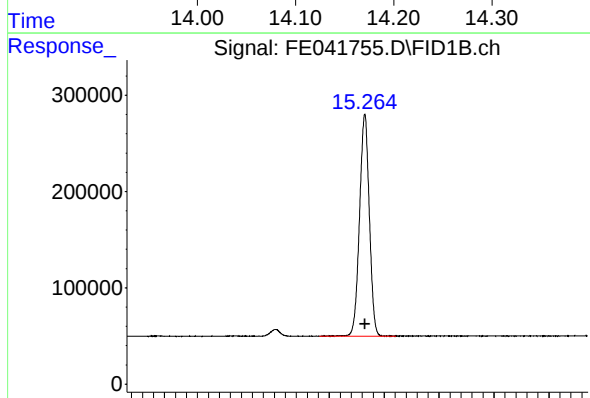
R.T.: 13.408 min
Delta R.T.: 0.000 min
Response: 2544381
Conc: 18.01 ug/ml



#13 n-Docosane (C22)

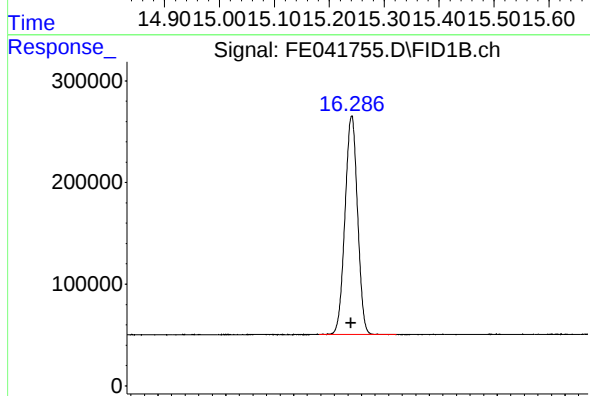
R.T.: 14.162 min
Delta R.T.: 0.000 min
Response: 2876239
Conc: 18.05 ug/ml

Instrument :
FID_E
ClientSampleId :



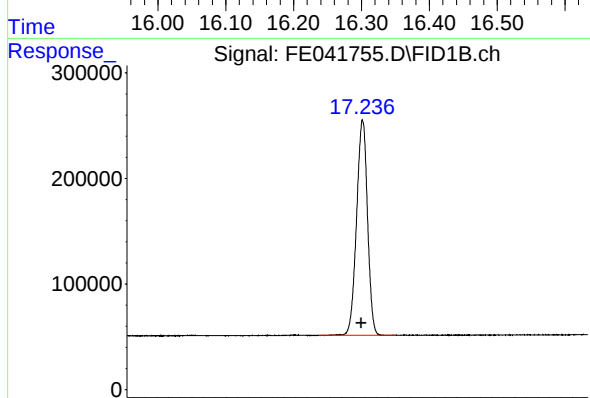
#14 n-Tetracosane (C24)

R.T.: 15.265 min
Delta R.T.: 0.000 min
Response: 2857963
Conc: 17.73 ug/ml



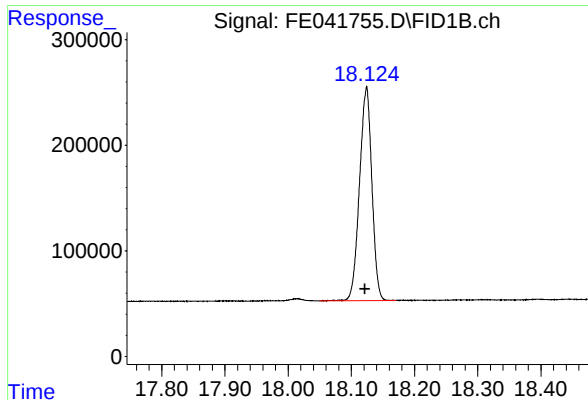
#15 n-Hexacosane (C26)

R.T.: 16.286 min
Delta R.T.: 0.000 min
Response: 2760983
Conc: 17.46 ug/ml



#16 n-Octacosane (C28)

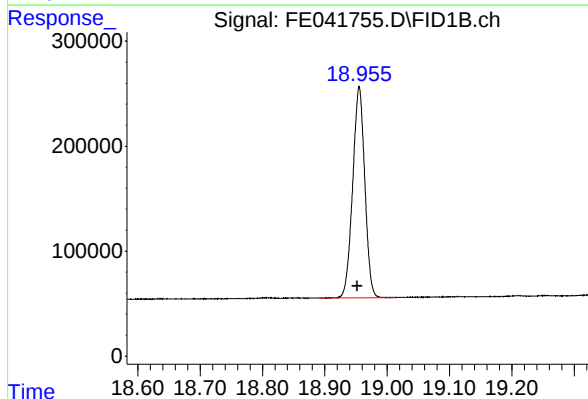
R.T.: 17.236 min
Delta R.T.: 0.002 min
Response: 2699347
Conc: 17.54 ug/ml



#17 n-Tricontane (C30)

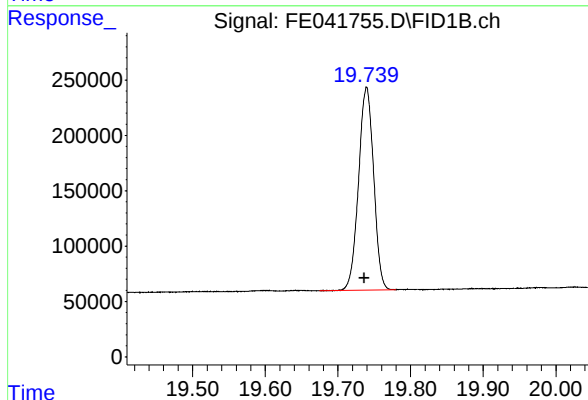
R.T.: 18.124 min
Delta R.T.: 0.003 min
Response: 2746760
Conc: 18.03 ug/ml

Instrument :
FID_E
ClientSampleId :



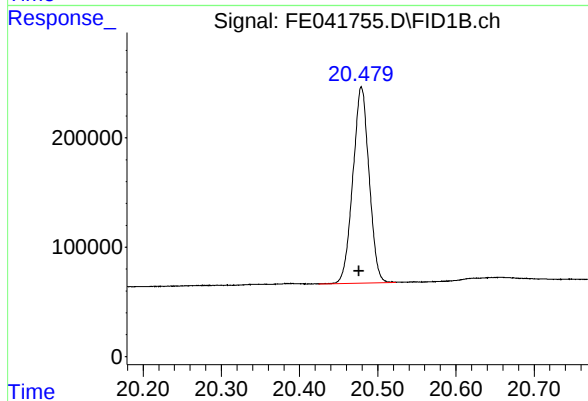
#18 n-Dotriacontane (C32)

R.T.: 18.955 min
Delta R.T.: 0.003 min
Response: 2708984
Conc: 18.18 ug/ml



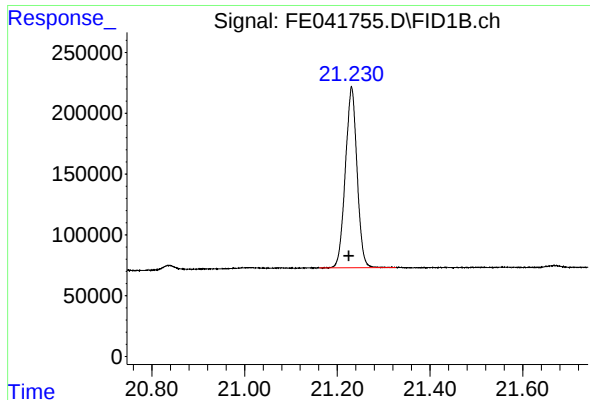
#19 n-Tetratriacontane (C34)

R.T.: 19.740 min
Delta R.T.: 0.004 min
Response: 2647715
Conc: 18.79 ug/ml



#20 n-Hexatriacontane (C36)

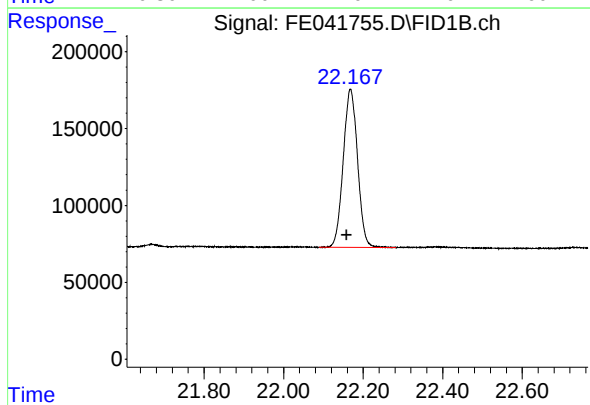
R.T.: 20.479 min
Delta R.T.: 0.003 min
Response: 2587952
Conc: 19.35 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.231 min
Delta R.T.: 0.006 min
Response: 2603711
Conc: 19.70 ug/ml

Instrument :
FID_E
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 22.168 min
Delta R.T.: 0.009 min
Response: 2579303
Conc: 20.37 ug/ml