

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE050423AL\
 Data File : FE041723.D
 Signal(s) : FID1B.ch
 Acq On : 04 May 2023 09:16
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: May 04 10:54:53 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)	11.980	3846340	20.502 ug/ml
Spiked Amount 50.000		Recovery =	41.00%
12) S 1-chlorooctadecane (S...	13.415	2831073	20.040 ug/ml
Spiked Amount 50.000		Recovery =	40.08%
Target Compounds			
1) T n-Nonane (C9)	3.354	3066299	20.860 ug/ml
2) T n-Decane (C10)	4.608	3182631	21.220 ug/ml
3) T A~Naphthalene (C11.7)	6.316	3521565	21.280 ug/ml
4) T n-Dodecane (C12)	6.777	3227004	21.224 ug/ml
5) T A~2-methylnaphthalene...	7.413	3436735	21.313 ug/ml
6) T n-Tetradecane (C14)	8.607	3237265	21.311 ug/ml
7) T n-Hexadecane (C16)	10.215	3373894	21.142 ug/ml
8) T n-Octadecane (C18)	11.659	3421674	20.875 ug/ml
10) T n-Eicosane (C20)	12.970	3285770	20.428 ug/ml
11) T n-Heneicosane (C21)	13.582	3219021	20.198 ug/ml
13) T n-Docosane (C22)	14.169	3195256	20.054 ug/ml
14) T n-Tetracosane (C24)	15.273	3169913	19.662 ug/ml
15) T n-Hexacosane (C26)	16.295	3059740	19.354 ug/ml
16) T n-Octacosane (C28)	17.245	2985016	19.399 ug/ml
17) T n-Tricontane (C30)	18.133	3073808	20.182 ug/ml
18) T n-Dotriacontane (C32)	18.967	3024673	20.303 ug/ml
19) T n-Tetratriacontane (C34)	19.750	2922831	20.747 ug/ml
20) T n-Hexatriacontane (C36)	20.491	2975722	22.252 ug/ml
21) T n-Octatriacontane (C38)	21.245	3049291	23.077 ug/ml
22) T n-Tetracontane (C40)	22.190	2948766	23.290 ug/ml

(f)=RT Delta > 1/2 Window

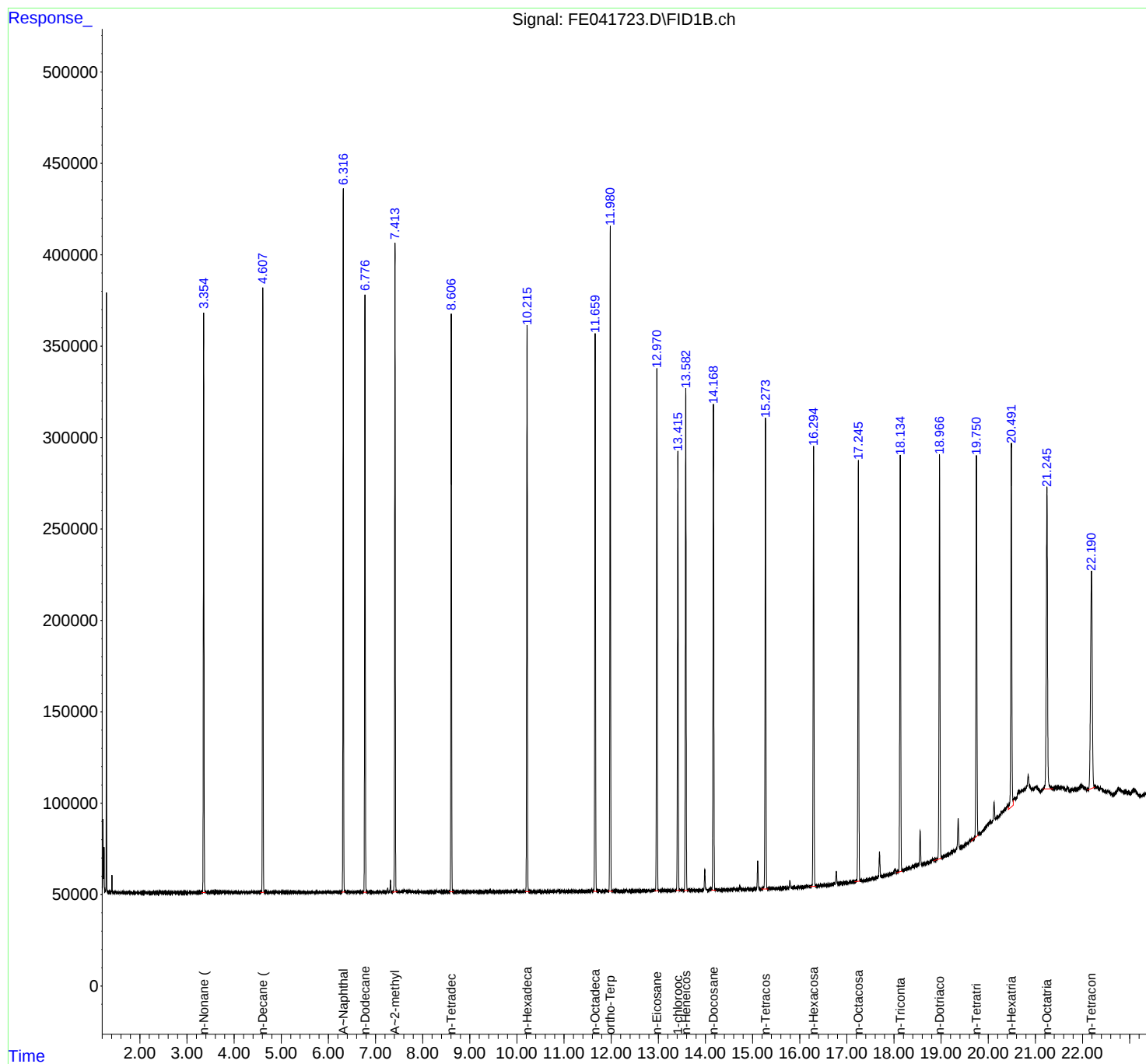
(m)=manual int.

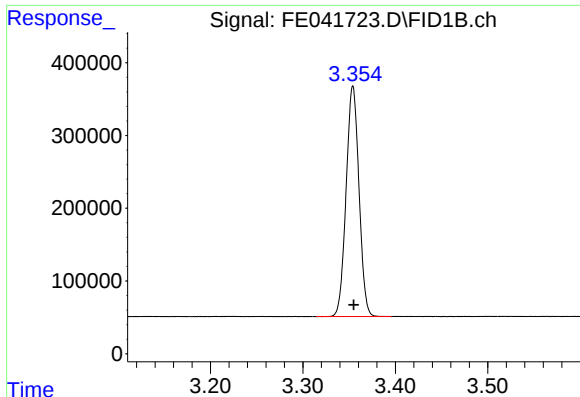
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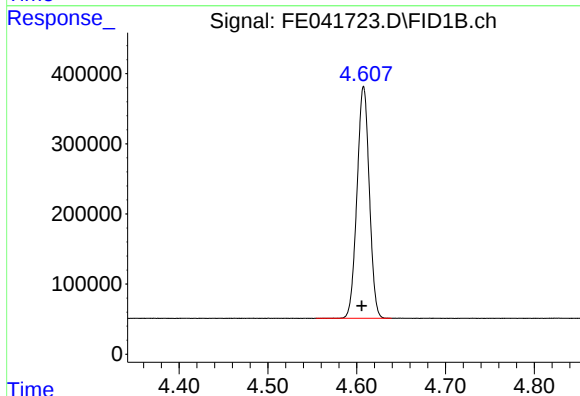




#1 n-Nonane (C9)

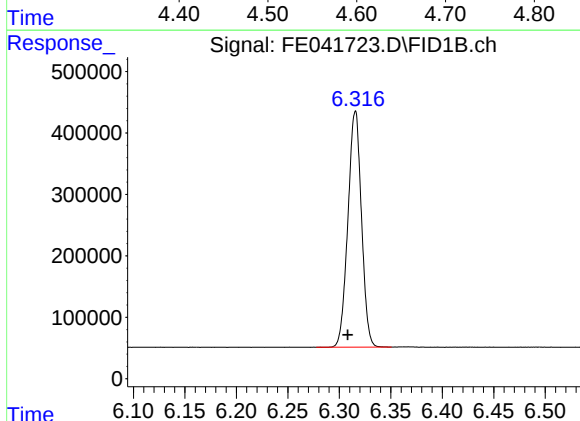
R.T.: 3.354 min
Delta R.T.: 0.000 min
Response: 3066299
Conc: 20.86 ug/ml

Instrument :
FID_E
ClientSampleId :



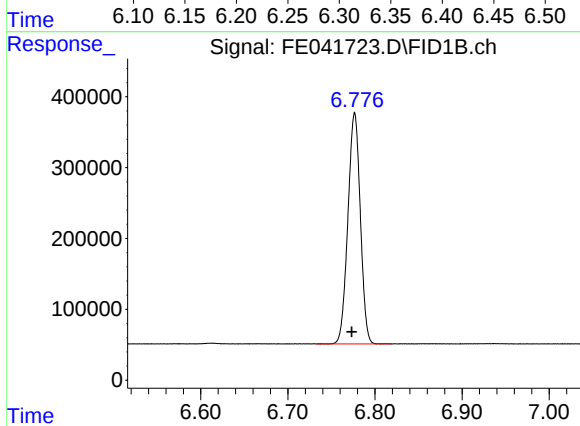
#2 n-Decane (C10)

R.T.: 4.608 min
Delta R.T.: 0.002 min
Response: 3182631
Conc: 21.22 ug/ml



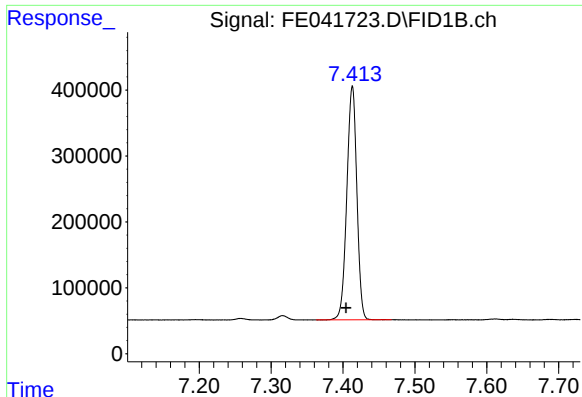
#3 A~Naphthalene (C11.7)

R.T.: 6.316 min
Delta R.T.: 0.007 min
Response: 3521565
Conc: 21.28 ug/ml



#4 n-Dodecane (C12)

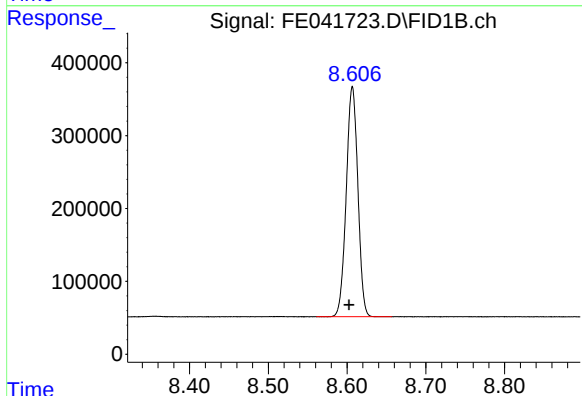
R.T.: 6.777 min
Delta R.T.: 0.003 min
Response: 3227004
Conc: 21.22 ug/ml



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

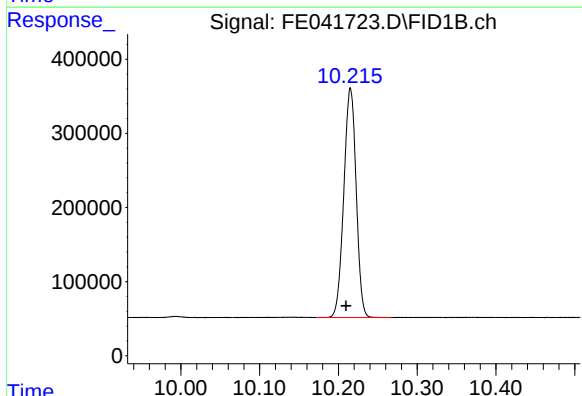
R.T.: 7.413 min
Delta R.T.: 0.009 min
Response: 3436735
Conc: 21.31 ug/ml

Instrument :
FID_E
ClientSampleId :



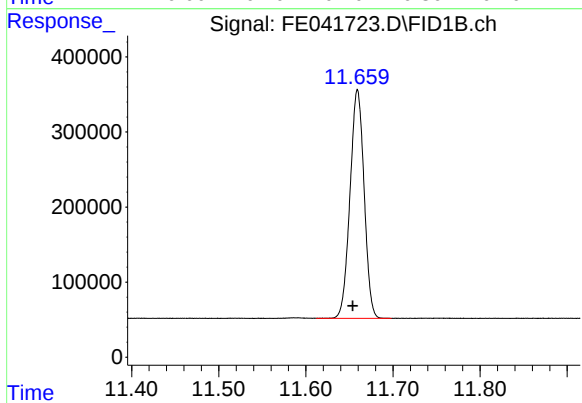
#6 n-Tetradecane (C14)

R.T.: 8.607 min
Delta R.T.: 0.004 min
Response: 3237265
Conc: 21.31 ug/ml



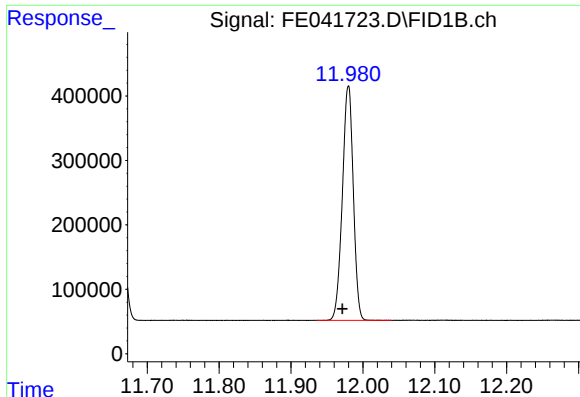
#7 n-Hexadecane (C16)

R.T.: 10.215 min
Delta R.T.: 0.005 min
Response: 3373894
Conc: 21.14 ug/ml



#8 n-Octadecane (C18)

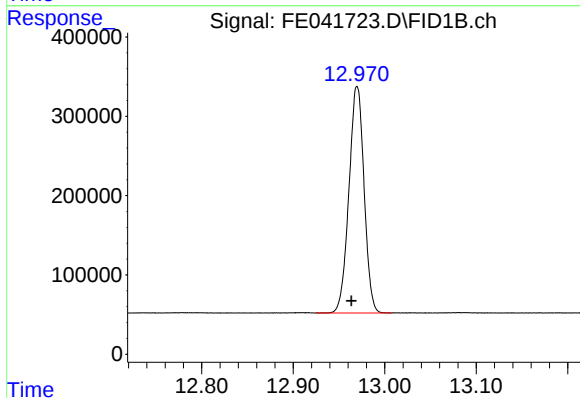
R.T.: 11.659 min
Delta R.T.: 0.005 min
Response: 3421674
Conc: 20.88 ug/ml



#9 ortho-Terphenyl (SURR)

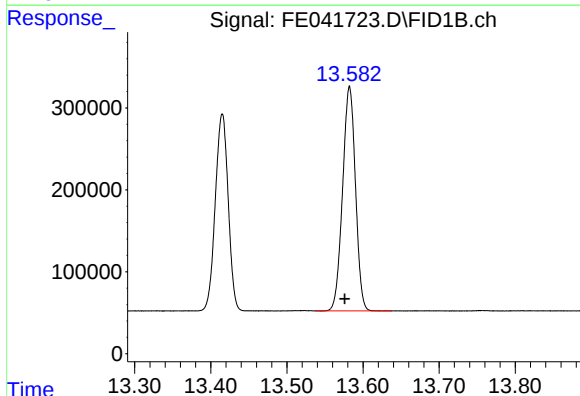
R.T.: 11.980 min
Delta R.T.: 0.008 min
Response: 3846340
Conc: 20.50 ug/ml

Instrument :
FID_E
ClientSampleId :



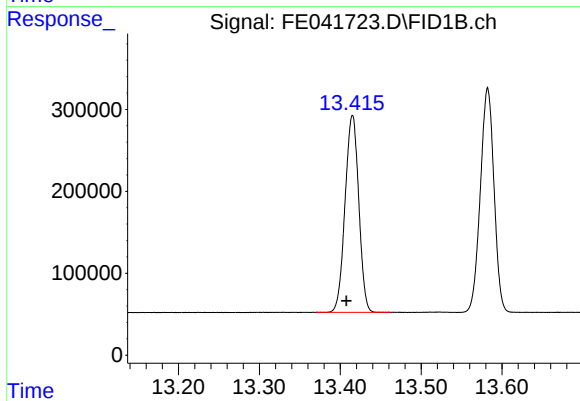
#10 n-Eicosane (C20)

R.T.: 12.970 min
Delta R.T.: 0.006 min
Response: 3285770
Conc: 20.43 ug/ml



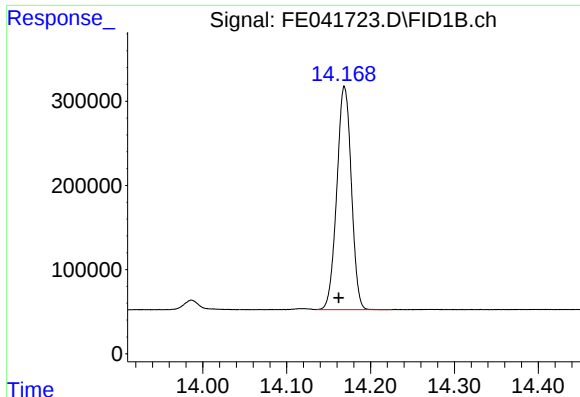
#11 n-Heneicosane (C21)

R.T.: 13.582 min
Delta R.T.: 0.006 min
Response: 3219021
Conc: 20.20 ug/ml



#12 1-chlorooctadecane (SURR)

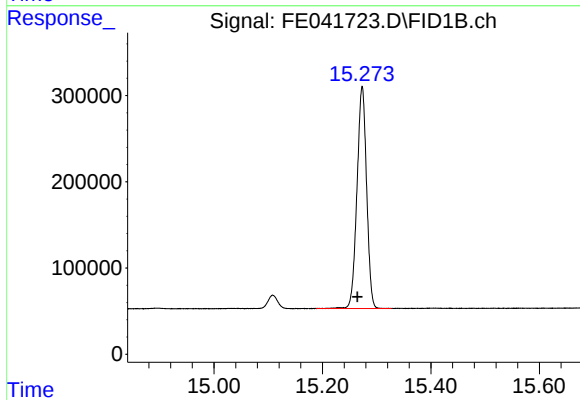
R.T.: 13.415 min
Delta R.T.: 0.008 min
Response: 2831073
Conc: 20.04 ug/ml



#13 n-Docosane (C22)

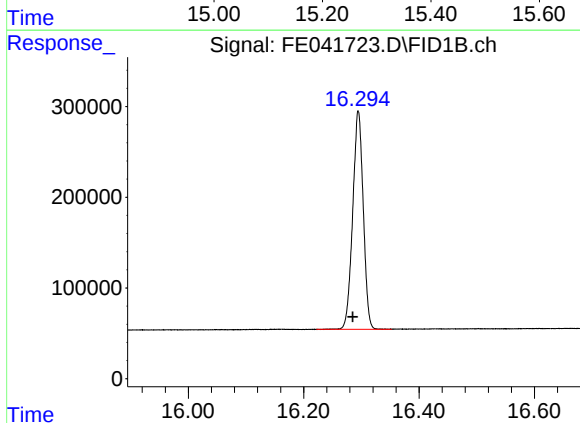
R.T.: 14.169 min
Delta R.T.: 0.007 min
Response: 3195256
Conc: 20.05 ug/ml

Instrument :
FID_E
ClientSampleId :



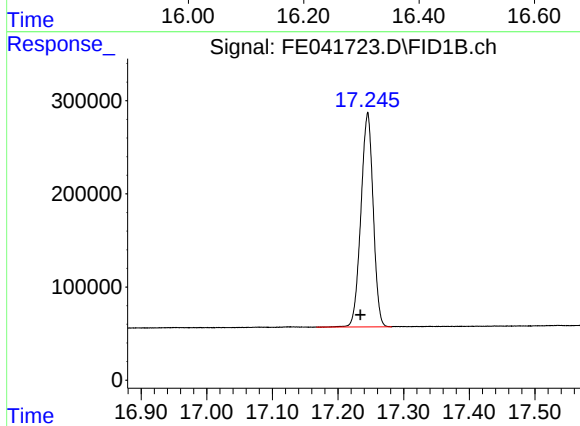
#14 n-Tetracosane (C24)

R.T.: 15.273 min
Delta R.T.: 0.008 min
Response: 3169913
Conc: 19.66 ug/ml



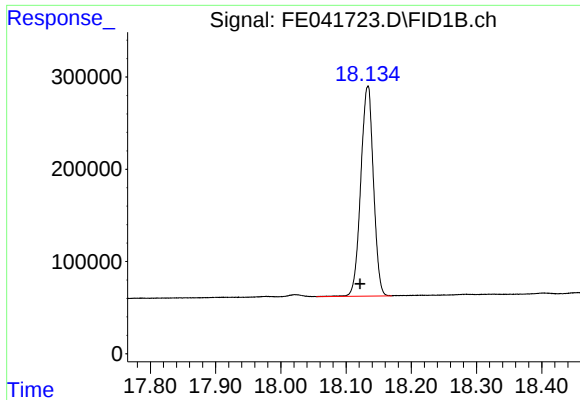
#15 n-Hexacosane (C26)

R.T.: 16.295 min
Delta R.T.: 0.010 min
Response: 3059740
Conc: 19.35 ug/ml



#16 n-Octacosane (C28)

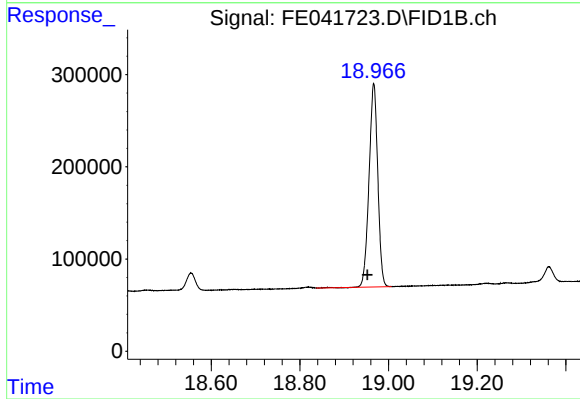
R.T.: 17.245 min
Delta R.T.: 0.011 min
Response: 2985016
Conc: 19.40 ug/ml



#17 n-Tricontane (C30)

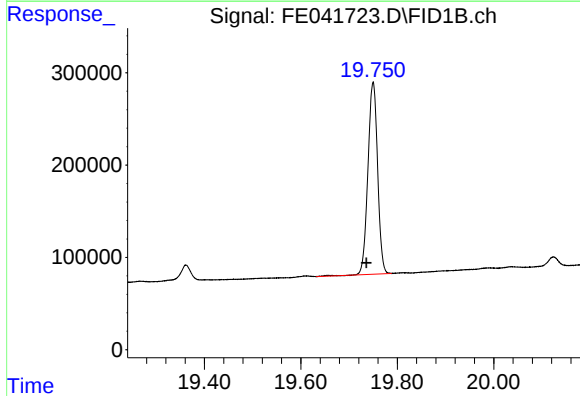
R.T.: 18.133 min
Delta R.T.: 0.012 min
Response: 3073808
Conc: 20.18 ug/ml

Instrument :
FID_E
ClientSampleId :



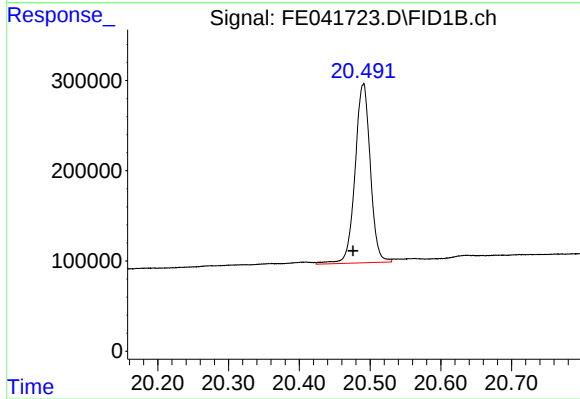
#18 n-Dotriacontane (C32)

R.T.: 18.967 min
Delta R.T.: 0.015 min
Response: 3024673
Conc: 20.30 ug/ml



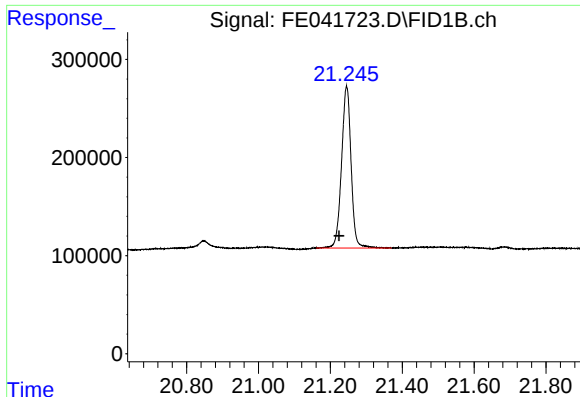
#19 n-Tetratriacontane (C34)

R.T.: 19.750 min
Delta R.T.: 0.014 min
Response: 2922831
Conc: 20.75 ug/ml



#20 n-Hexatriacontane (C36)

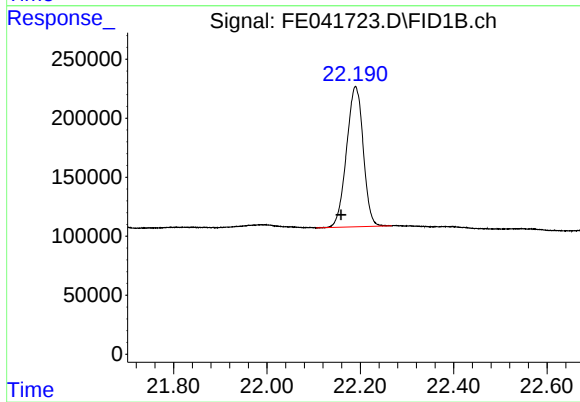
R.T.: 20.491 min
Delta R.T.: 0.014 min
Response: 2975722
Conc: 22.25 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.245 min
Delta R.T.: 0.021 min
Response: 3049291
Conc: 23.08 ug/ml

Instrument :
FID_E
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 22.190 min
Delta R.T.: 0.031 min
Response: 2948766
Conc: 23.29 ug/ml