

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE050223AL\
 Data File : FE041692.D
 Signal(s) : FID1B.ch
 Acq On : 03 May 2023 01:38
 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 03 03:00:04 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	3730242	19.883 ug/ml
Spiked Amount 50.000		Recovery =	39.77%
12) S 1-chlorooctadecane (S...	13.417	2747629	19.450 ug/ml
Spiked Amount 50.000		Recovery =	38.90%
Target Compounds			
1) T n-Nonane (C9)	3.354	3017808	20.530 ug/ml
2) T n-Decane (C10)	4.608	3134191	20.897 ug/ml
3) T A~Naphthalene (C11.7)	6.316	3453785	20.870 ug/ml
4) T n-Dodecane (C12)	6.777	3182909	20.934 ug/ml
5) T A~2-methylnaphthalene...	7.413	3362226	20.851 ug/ml
6) T n-Tetradecane (C14)	8.607	3183818	20.959 ug/ml
7) T n-Hexadecane (C16)	10.216	3302347	20.693 ug/ml
8) T n-Octadecane (C18)	11.660	3331638	20.326 ug/ml
10) T n-Eicosane (C20)	12.971	3193783	19.856 ug/ml
11) T n-Heneicosane (C21)	13.584	3122730	19.594 ug/ml
13) T n-Docosane (C22)	14.171	3090429	19.396 ug/ml
14) T n-Tetracosane (C24)	15.275	3058967	18.974 ug/ml
15) T n-Hexacosane (C26)	16.297	2939043	18.590 ug/ml
16) T n-Octacosane (C28)	17.247	2857326	18.569 ug/ml
17) T n-Tricontane (C30)	18.135	2924792	19.204 ug/ml
18) T n-Dotriacontane (C32)	18.968	2916088	19.574 ug/ml
19) T n-Tetratriacontane (C34)	19.752	2784451	19.765 ug/ml
20) T n-Hexatriacontane (C36)	20.492	2723917	20.369 ug/ml
21) T n-Octatriacontane (C38)	21.248	2810028	21.266 ug/ml
22) T n-Tetracontane (C40)	22.191	2836860	22.406 ug/ml

(f)=RT Delta > 1/2 Window

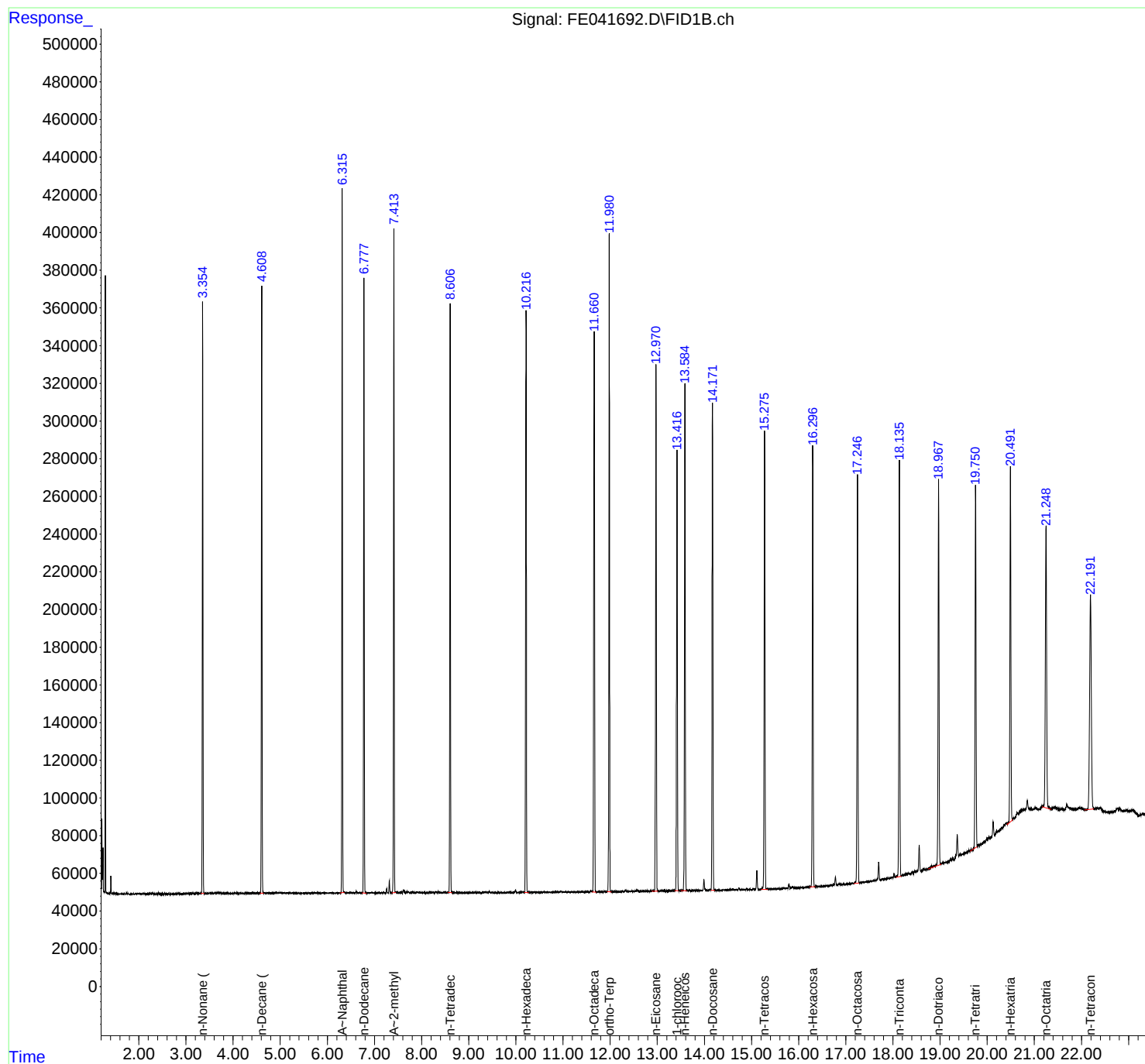
(m)=manual int.

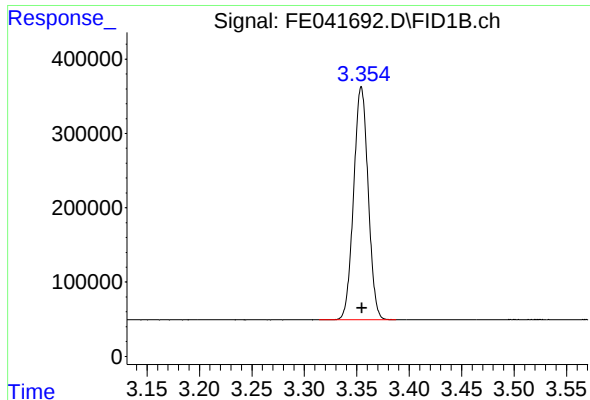
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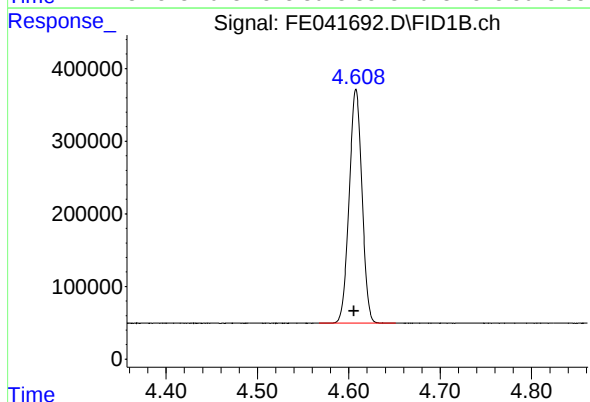




#1 n-Nonane (C9)

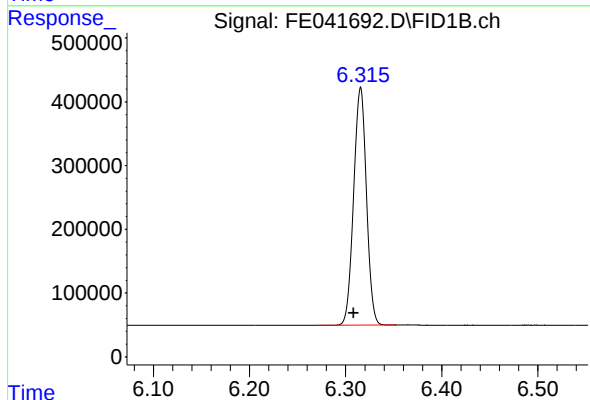
R.T.: 3.354 min
Delta R.T.: 0.000 min
Response: 3017808
Conc: 20.53 ug/ml

Instrument :
FID_E
ClientSampleId :



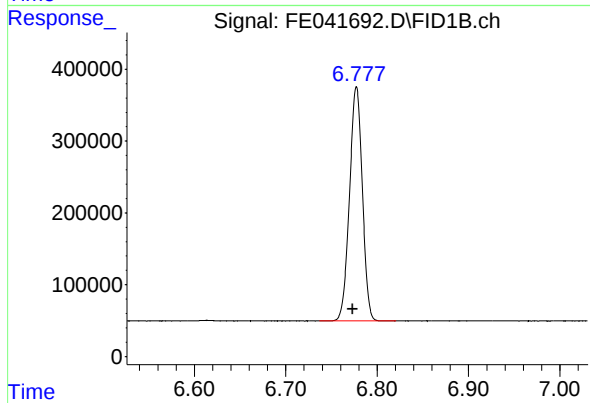
#2 n-Decane (C10)

R.T.: 4.608 min
Delta R.T.: 0.002 min
Response: 3134191
Conc: 20.90 ug/ml



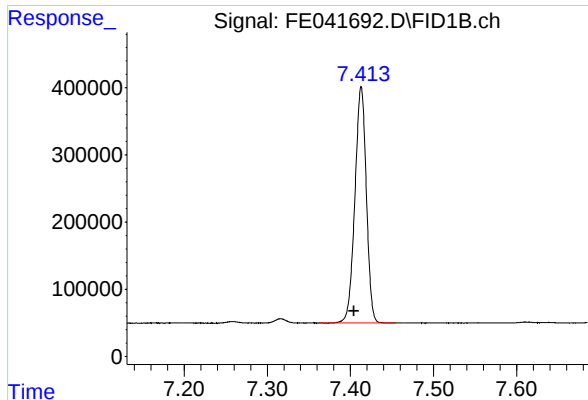
#3 A~Naphthalene (C11.7)

R.T.: 6.316 min
Delta R.T.: 0.007 min
Response: 3453785
Conc: 20.87 ug/ml



#4 n-Dodecane (C12)

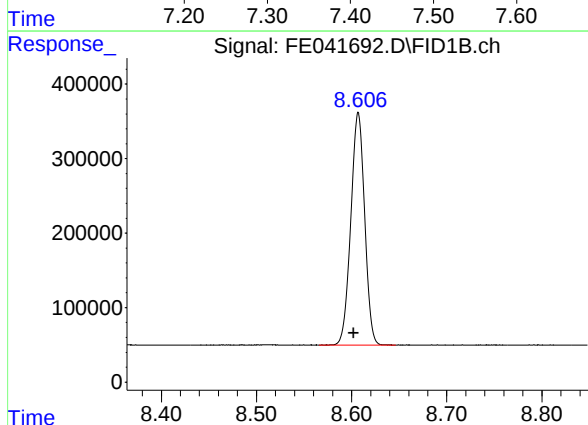
R.T.: 6.777 min
Delta R.T.: 0.004 min
Response: 3182909
Conc: 20.93 ug/ml



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

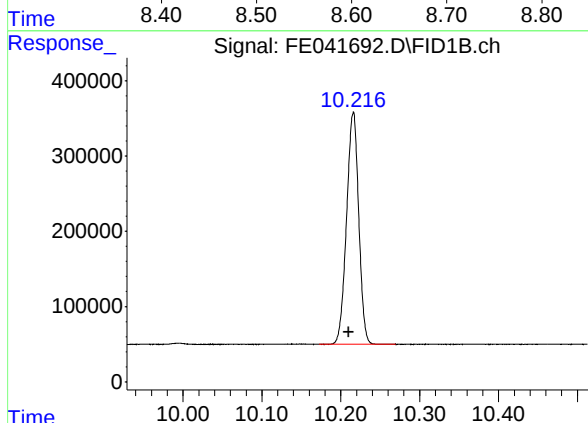
R.T.: 7.413 min
Delta R.T.: 0.009 min
Response: 3362226
Conc: 20.85 ug/ml

Instrument :
FID_E
ClientSampleId :



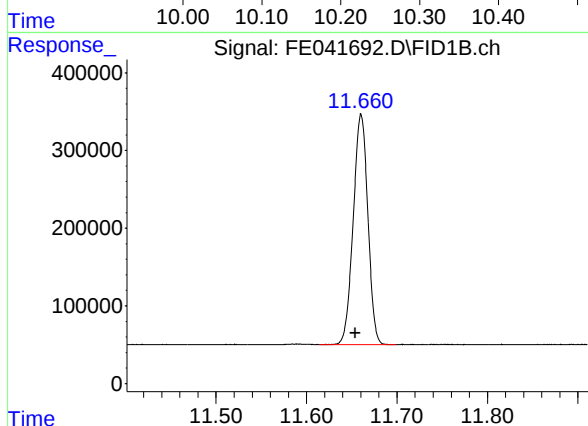
#6 n-Tetradecane (C14)

R.T.: 8.607 min
Delta R.T.: 0.005 min
Response: 3183818
Conc: 20.96 ug/ml



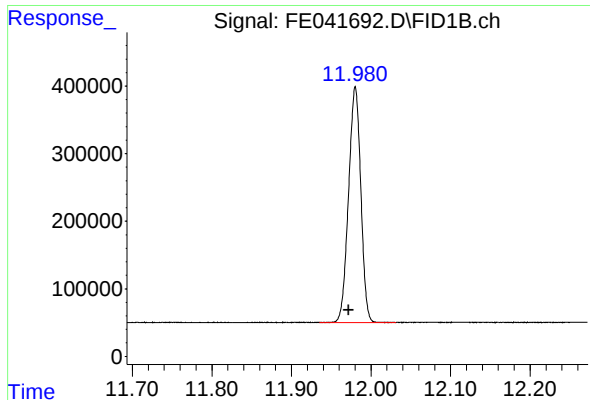
#7 n-Hexadecane (C16)

R.T.: 10.216 min
Delta R.T.: 0.006 min
Response: 3302347
Conc: 20.69 ug/ml



#8 n-Octadecane (C18)

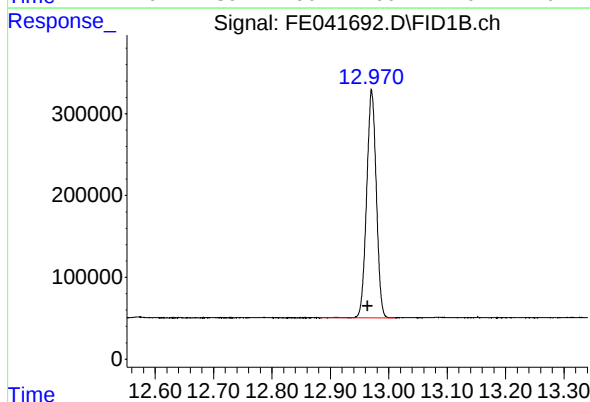
R.T.: 11.660 min
Delta R.T.: 0.006 min
Response: 3331638
Conc: 20.33 ug/ml



#9 ortho-Terphenyl (SURR)

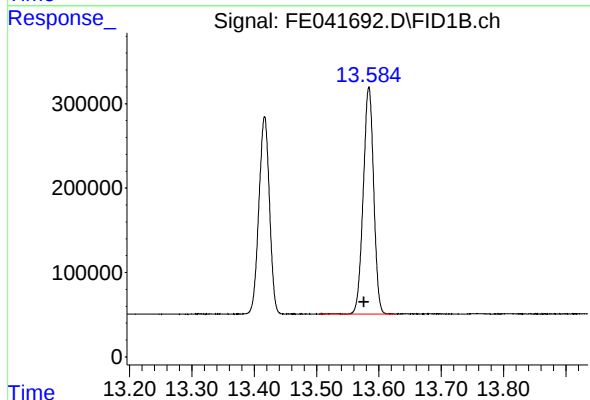
R.T.: 11.980 min
Delta R.T.: 0.009 min
Response: 3730242
Conc: 19.88 ug/ml

Instrument :
FID_E
ClientSampleId :



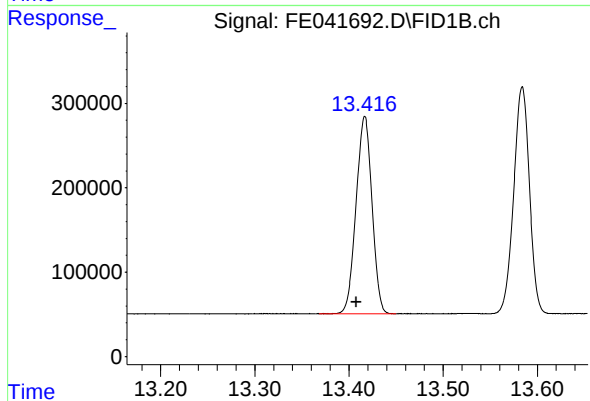
#10 n-Eicosane (C20)

R.T.: 12.971 min
Delta R.T.: 0.007 min
Response: 3193783
Conc: 19.86 ug/ml



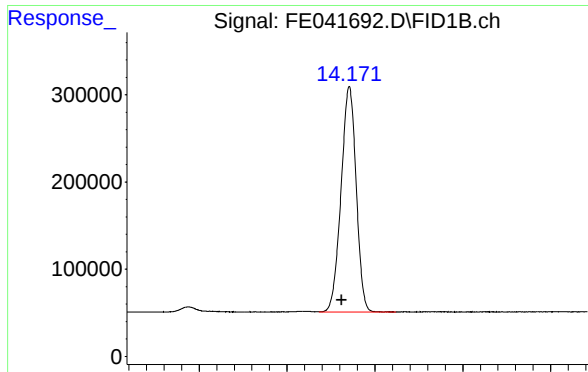
#11 n-Heneicosane (C21)

R.T.: 13.584 min
Delta R.T.: 0.008 min
Response: 3122730
Conc: 19.59 ug/ml



#12 1-chlorooctadecane (SURR)

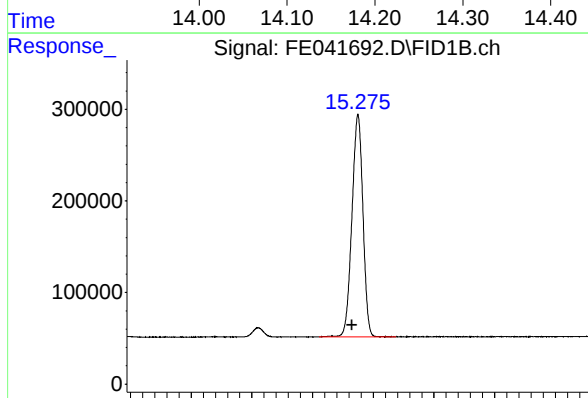
R.T.: 13.417 min
Delta R.T.: 0.009 min
Response: 2747629
Conc: 19.45 ug/ml



#13 n-Docosane (C22)

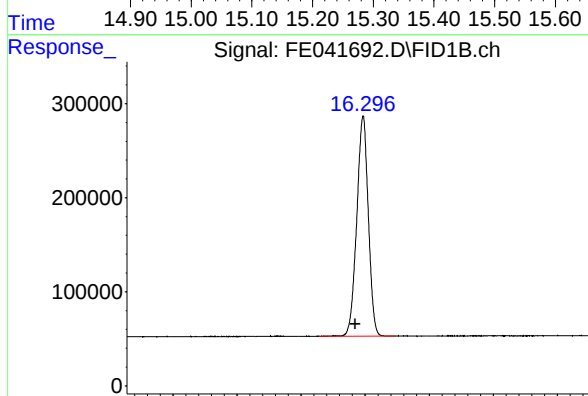
R.T.: 14.171 min
Delta R.T.: 0.009 min
Response: 3090429
Conc: 19.40 ug/ml

Instrument :
FID_E
ClientSampleId :



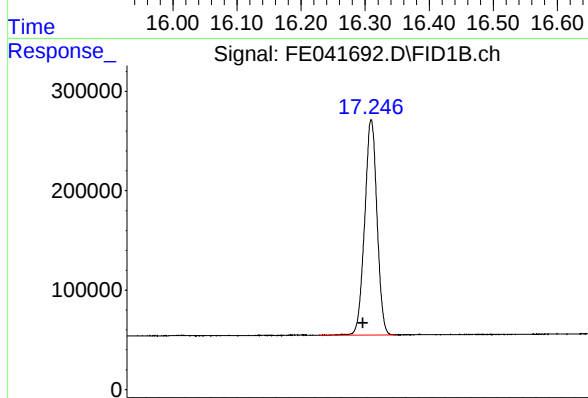
#14 n-Tetracosane (C24)

R.T.: 15.275 min
Delta R.T.: 0.010 min
Response: 3058967
Conc: 18.97 ug/ml



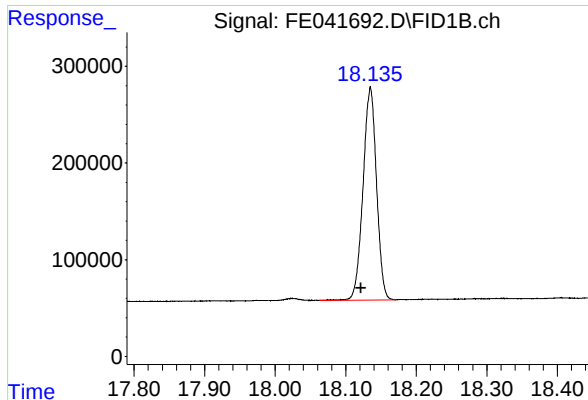
#15 n-Hexacosane (C26)

R.T.: 16.297 min
Delta R.T.: 0.012 min
Response: 2939043
Conc: 18.59 ug/ml



#16 n-Octacosane (C28)

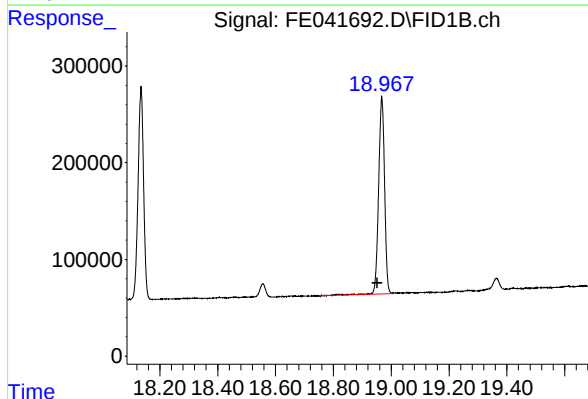
R.T.: 17.247 min
Delta R.T.: 0.013 min
Response: 2857326
Conc: 18.57 ug/ml



#17 n-Tricontane (C30)

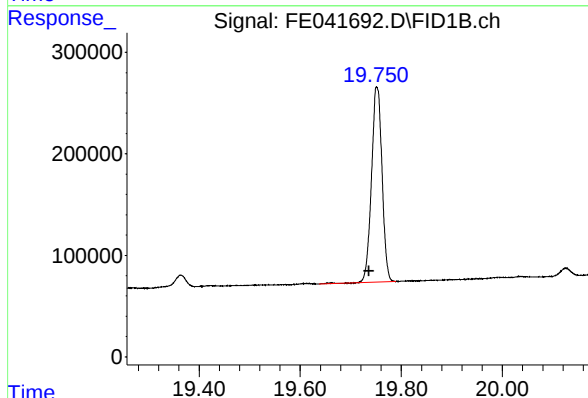
R.T.: 18.135 min
Delta R.T.: 0.014 min
Response: 2924792
Conc: 19.20 ug/ml

Instrument :
FID_E
ClientSampleId :



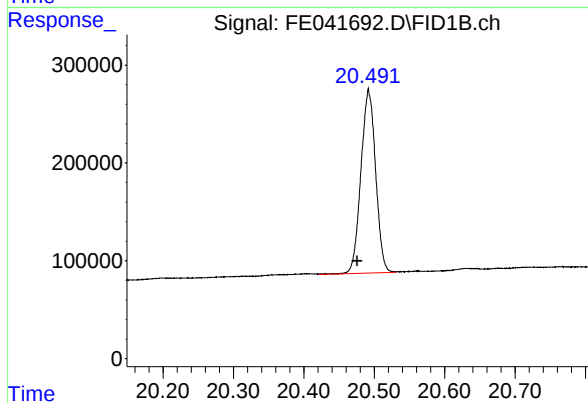
#18 n-Dotriacontane (C32)

R.T.: 18.968 min
Delta R.T.: 0.015 min
Response: 2916088
Conc: 19.57 ug/ml



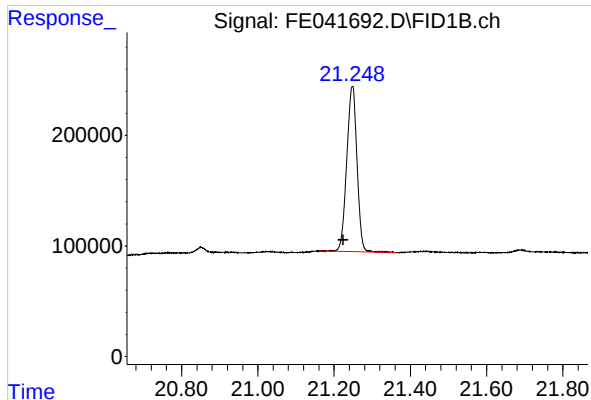
#19 n-Tetatriacontane (C34)

R.T.: 19.752 min
Delta R.T.: 0.016 min
Response: 2784451
Conc: 19.77 ug/ml



#20 n-Hexatriacontane (C36)

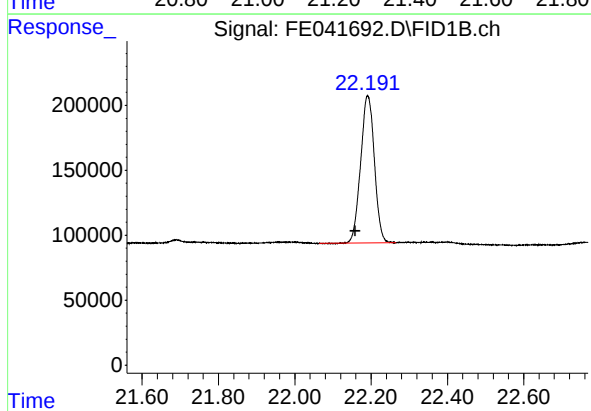
R.T.: 20.492 min
Delta R.T.: 0.016 min
Response: 2723917
Conc: 20.37 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.248 min
Delta R.T.: 0.023 min
Response: 2810028
Conc: 21.27 ug/ml

Instrument :
FID_E
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 22.191 min
Delta R.T.: 0.032 min
Response: 2836860
Conc: 22.41 ug/ml