

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE051923AL\
 Data File : FE041989.D
 Signal(s) : FID1B.ch
 Acq On : 18 May 2023 14:16
 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 19 01:40:59 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)	11.966	3722165	21.079 ug/ml
Spiked Amount 50.000		Recovery =	42.16%
12) S 1-chlorooctadecane (S...	13.401	2778533	20.910 ug/ml
Spiked Amount 50.000		Recovery =	41.82%
Target Compounds			
1) T n-Nonane (C9)	3.348	3055995	21.193 ug/ml
2) T n-Decane (C10)	4.601	3114389	21.038 ug/ml
3) T A~Naphthalene (C11.7)	6.306	3435144	21.054 ug/ml
4) T n-Dodecane (C12)	6.768	3154548	21.037 ug/ml
5) T A~2-methylnaphthalene...	7.402	3322047	20.933 ug/ml
6) T n-Tetradecane (C14)	8.596	3154071	21.054 ug/ml
7) T n-Hexadecane (C16)	10.204	3275479	21.028 ug/ml
8) T n-Octadecane (C18)	11.647	3324521	21.023 ug/ml
10) T n-Eicosane (C20)	12.956	3192883	21.064 ug/ml
11) T n-Heneicosane (C21)	13.568	3127748	21.112 ug/ml
13) T n-Docosane (C22)	14.155	3084827	21.043 ug/ml
14) T n-Tetracosane (C24)	15.257	3013974	20.879 ug/ml
15) T n-Hexacosane (C26)	16.277	2893001	20.888 ug/ml
16) T n-Octacosane (C28)	17.227	2773637	20.717 ug/ml
17) T n-Tricontane (C30)	18.115	2787203	20.647 ug/ml
18) T n-Dotriacontane (C32)	18.947	2772004	20.750 ug/ml
19) T n-Tetratriacontane (C34)	19.731	2720125	20.684 ug/ml
20) T n-Hexatriacontane (C36)	20.472	2684469	20.654 ug/ml
21) T n-Octatriacontane (C38)	21.221	2781315	20.500 ug/ml
22) T n-Tetracontane (C40)	22.157	2883046	20.724 ug/ml

(f)=RT Delta > 1/2 Window

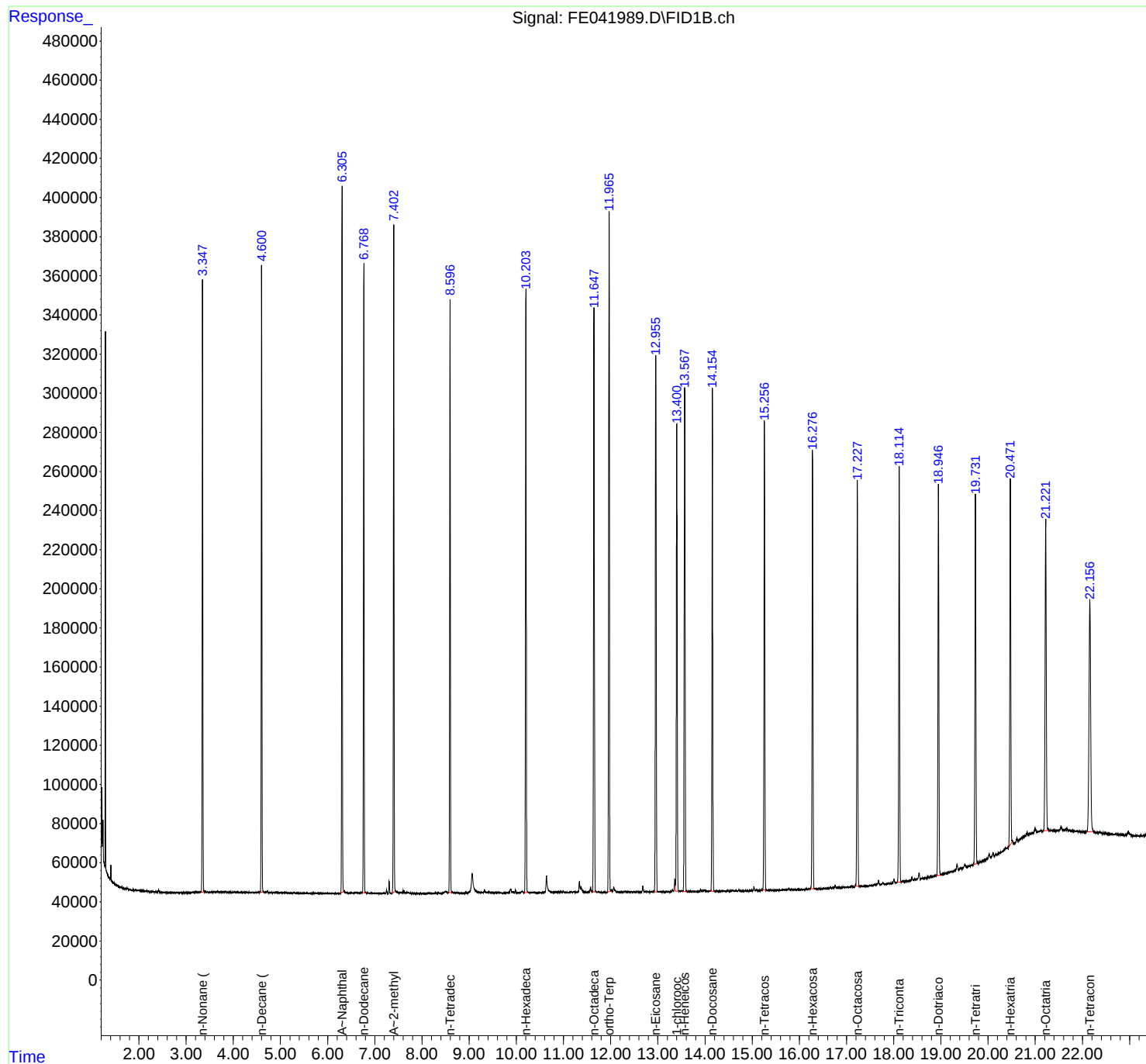
(m)=manual int.

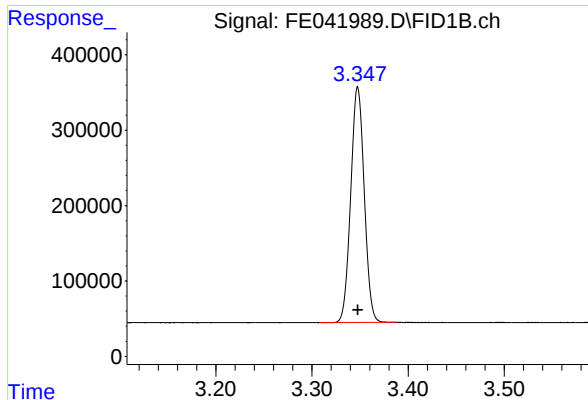
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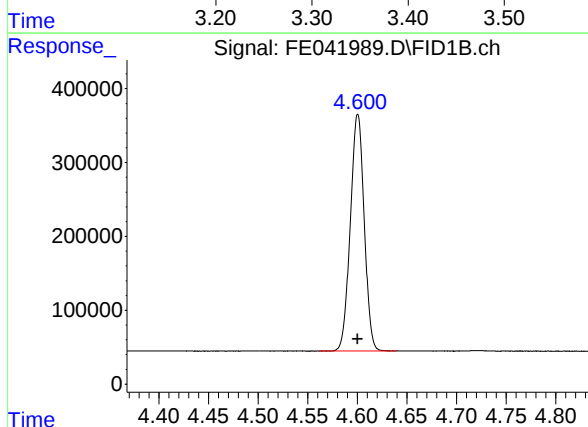




#1 n-Nonane (C9)

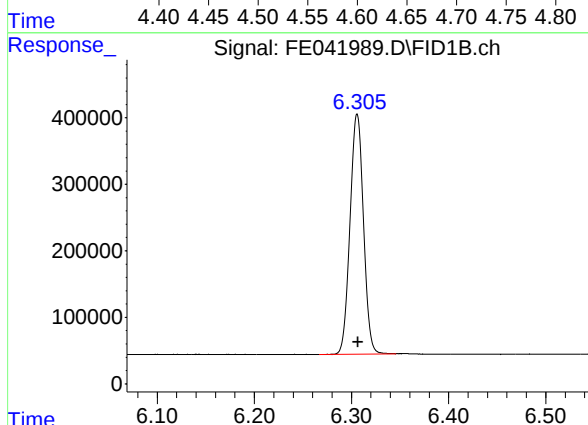
R.T.: 3.348 min
Delta R.T.: 0.000 min
Response: 3055995
Conc: 21.19 ug/ml

Instrument :
FID_E
ClientSampleId :



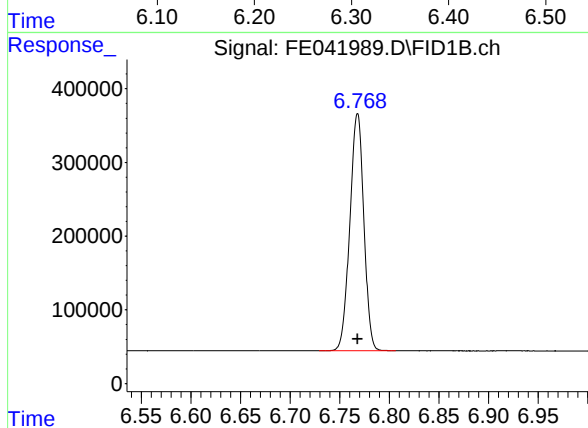
#2 n-Decane (C10)

R.T.: 4.601 min
Delta R.T.: 0.000 min
Response: 3114389
Conc: 21.04 ug/ml



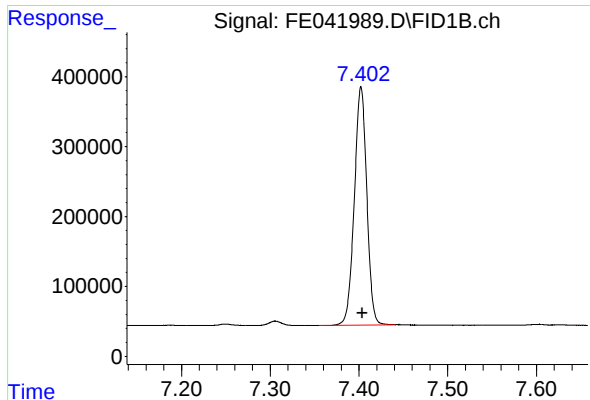
#3 A~Naphthalene (C11.7)

R.T.: 6.306 min
Delta R.T.: 0.000 min
Response: 3435144
Conc: 21.05 ug/ml



#4 n-Dodecane (C12)

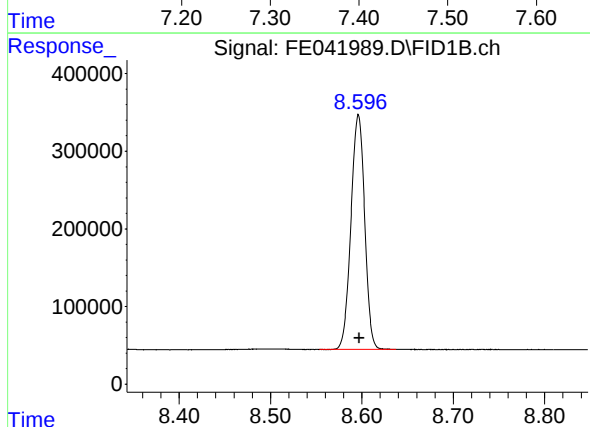
R.T.: 6.768 min
Delta R.T.: 0.000 min
Response: 3154548
Conc: 21.04 ug/ml



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

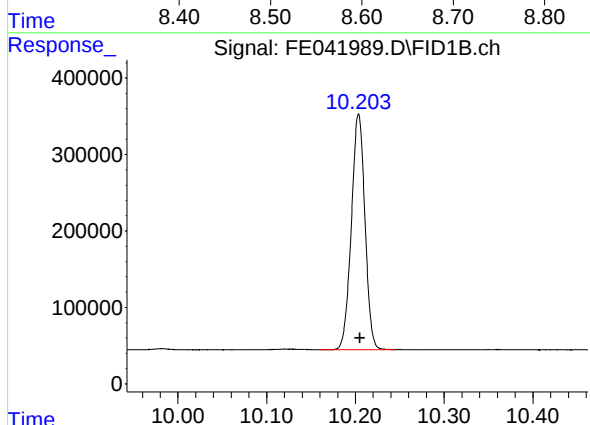
R.T.: 7.402 min
Delta R.T.: -0.001 min
Response: 3322047
Conc: 20.93 ug/ml

Instrument :
FID_E
ClientSampleId :



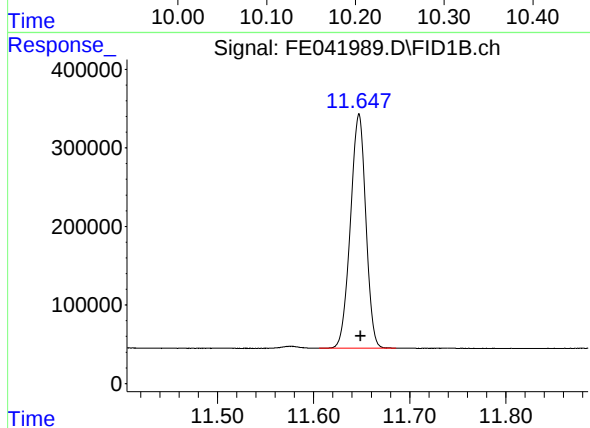
#6 n-Tetradecane (C14)

R.T.: 8.596 min
Delta R.T.: -0.001 min
Response: 3154071
Conc: 21.05 ug/ml



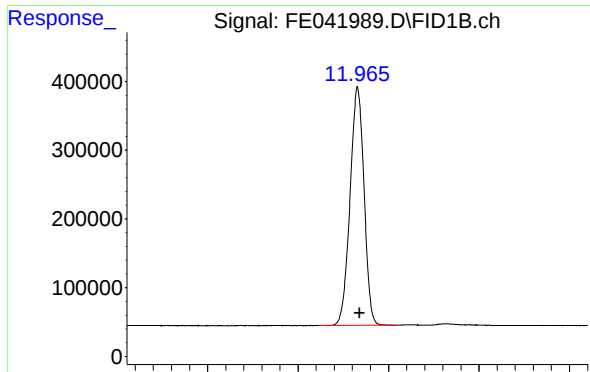
#7 n-Hexadecane (C16)

R.T.: 10.204 min
Delta R.T.: -0.002 min
Response: 3275479
Conc: 21.03 ug/ml



#8 n-Octadecane (C18)

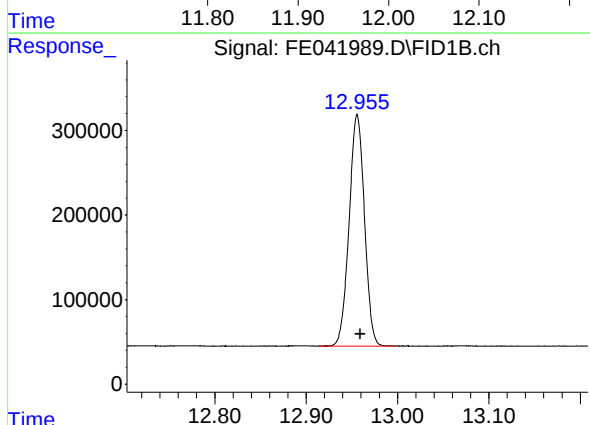
R.T.: 11.647 min
Delta R.T.: -0.002 min
Response: 3324521
Conc: 21.02 ug/ml



#9 ortho-Terphenyl (SURR)

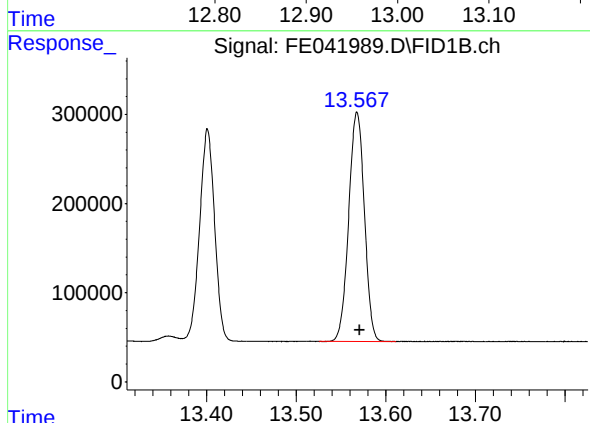
R.T.: 11.966 min
Delta R.T.: -0.002 min
Response: 3722165
Conc: 21.08 ug/ml

Instrument :
FID_E
ClientSampleId :



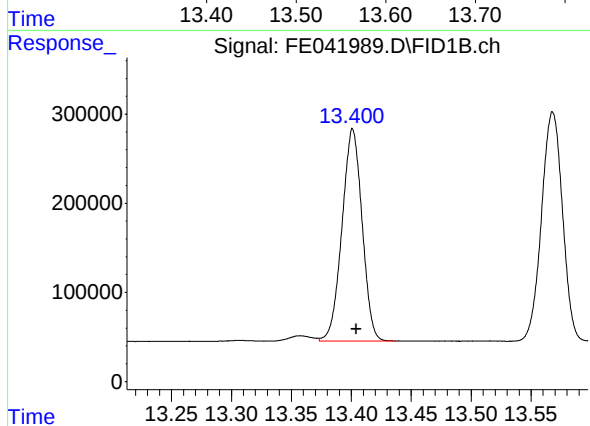
#10 n-Eicosane (C20)

R.T.: 12.956 min
Delta R.T.: -0.003 min
Response: 3192883
Conc: 21.06 ug/ml



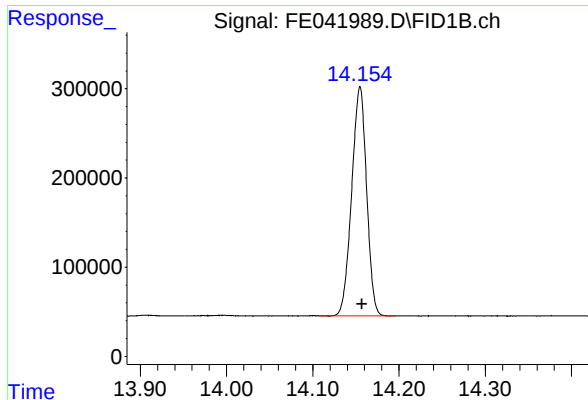
#11 n-Heneicosane (C21)

R.T.: 13.568 min
Delta R.T.: -0.003 min
Response: 3127748
Conc: 21.11 ug/ml



#12 1-chlorooctadecane (SURR)

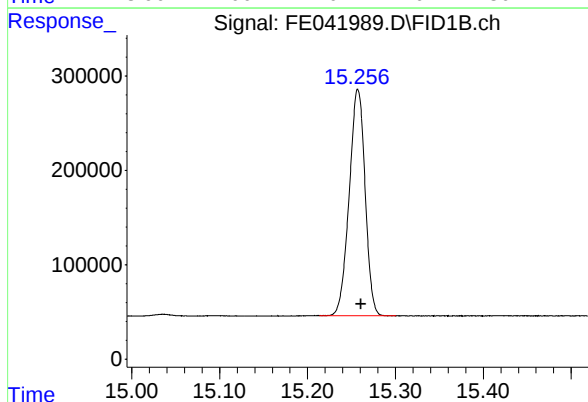
R.T.: 13.401 min
Delta R.T.: -0.003 min
Response: 2778533
Conc: 20.91 ug/ml



#13 n-Docosane (C22)

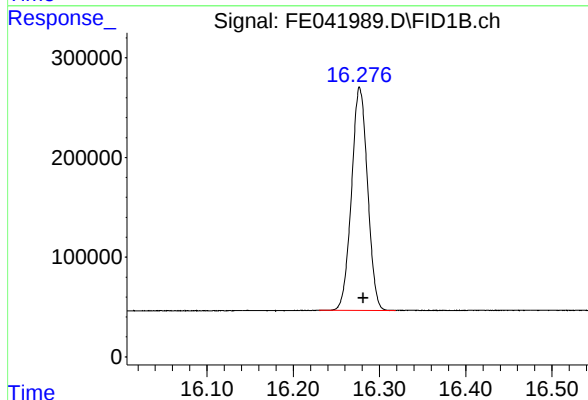
R.T.: 14.155 min
Delta R.T.: -0.002 min
Response: 3084827
Conc: 21.04 ug/ml

Instrument :
FID_E
ClientSampleId :



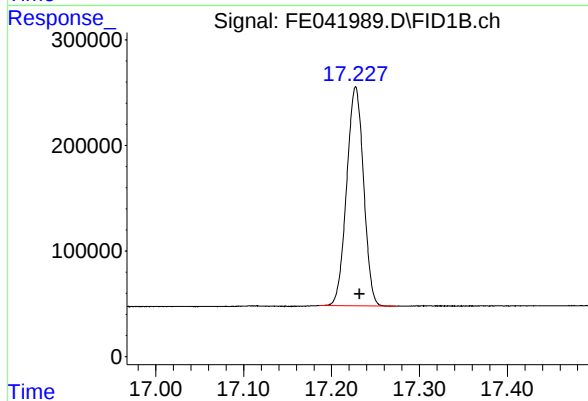
#14 n-Tetracosane (C24)

R.T.: 15.257 min
Delta R.T.: -0.003 min
Response: 3013974
Conc: 20.88 ug/ml



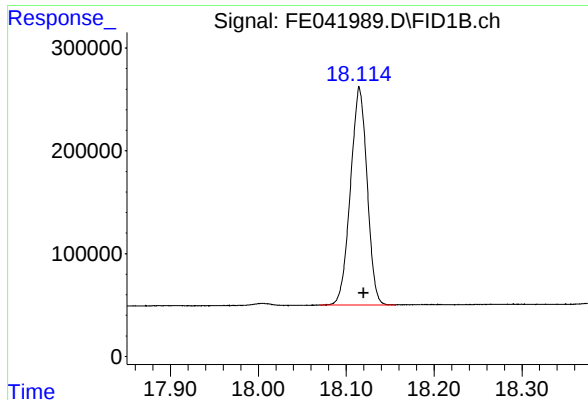
#15 n-Hexacosane (C26)

R.T.: 16.277 min
Delta R.T.: -0.004 min
Response: 2893001
Conc: 20.89 ug/ml



#16 n-Octacosane (C28)

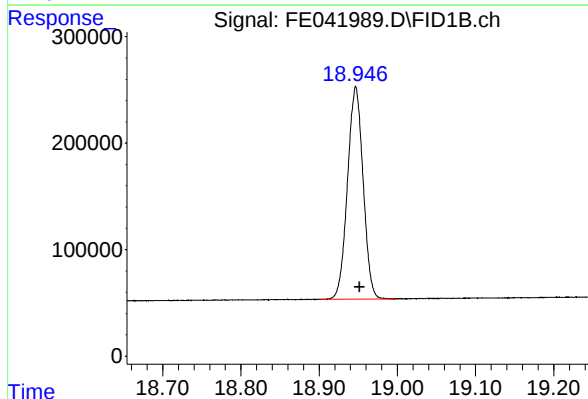
R.T.: 17.227 min
Delta R.T.: -0.005 min
Response: 2773637
Conc: 20.72 ug/ml



#17 n-Tricontane (C30)

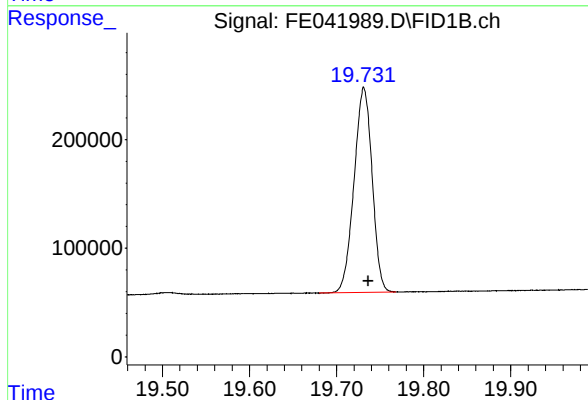
R.T.: 18.115 min
Delta R.T.: -0.005 min
Response: 2787203
Conc: 20.65 ug/ml

Instrument :
FID_E
ClientSampleId :



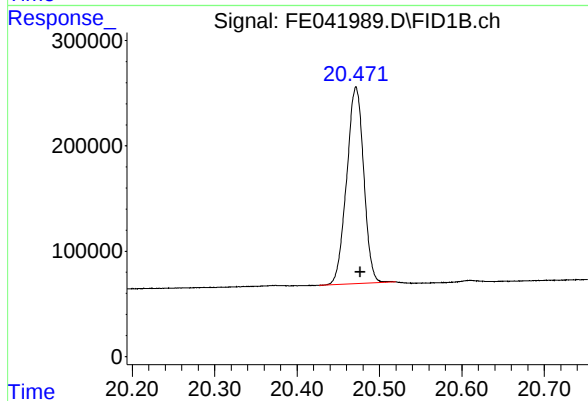
#18 n-Dotriacontane (C32)

R.T.: 18.947 min
Delta R.T.: -0.005 min
Response: 2772004
Conc: 20.75 ug/ml



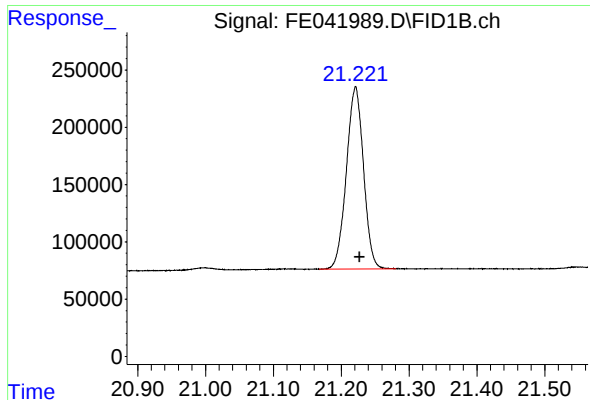
#19 n-Tetratriacontane (C34)

R.T.: 19.731 min
Delta R.T.: -0.005 min
Response: 2720125
Conc: 20.68 ug/ml



#20 n-Hexatriacontane (C36)

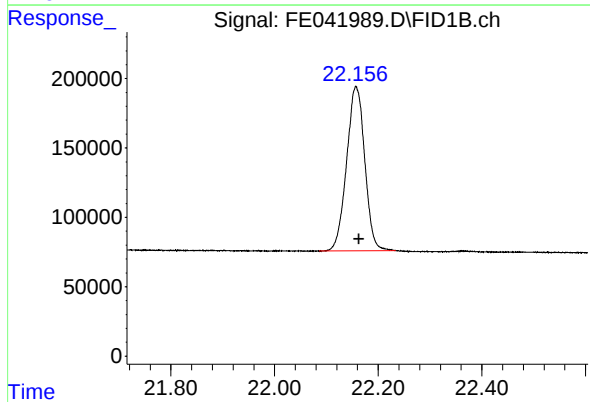
R.T.: 20.472 min
Delta R.T.: -0.005 min
Response: 2684469
Conc: 20.65 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.221 min
Delta R.T.: -0.006 min
Response: 2781315
Conc: 20.50 ug/ml

Instrument :
FID_E
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 22.157 min
Delta R.T.: -0.006 min
Response: 2883046
Conc: 20.72 ug/ml