

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE032123AL\
 Data File : FE040910.D
 Signal(s) : FID1B.ch
 Acq On : 21 Mar 2023 12:59
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: Mar 22 01:52:58 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 022823.M
 Quant Title : GC Extractables
 QLast Update : Tue Feb 28 03:05:09 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)	11.866	3412870	18.269 ug/ml
Spiked Amount 50.000		Recovery =	36.54%
12) S 1-chlorooctadecane (S...	13.304	2607856	17.620 ug/ml
Spiked Amount 50.000		Recovery =	35.24%
Target Compounds			
1) T n-Nonane (C9)	3.264	3023318	19.648 ug/ml
2) T n-Decane (C10)	4.511	3072437	20.422 ug/ml
3) T A~Naphthalene (C11.7)	6.214	3283812	19.798 ug/ml
4) T n-Dodecane (C12)	6.675	3117039	20.361 ug/ml
5) T A~2-methylnaphthalene...	7.309	2972212	19.639 ug/ml
6) T n-Tetradecane (C14)	8.502	3153366	20.403 ug/ml
7) T n-Hexadecane (C16)	10.108	3222510	19.951 ug/ml
8) T n-Octadecane (C18)	11.550	3269060	19.253 ug/ml
10) T n-Eicosane (C20)	12.859	3144749	18.589 ug/ml
11) T n-Heneicosane (C21)	13.472	3099729	18.089 ug/ml
13) T n-Docosane (C22)	14.058	3110557	18.157 ug/ml
14) T n-Tetracosane (C24)	15.162	3166995	18.371 ug/ml
15) T n-Hexacosane (C26)	16.183	3155818	18.568 ug/ml
16) T n-Octacosane (C28)	17.133	3279119	19.553 ug/ml
17) T n-Tricontane (C30)	18.023	3679391	22.534 ug/ml
18) T n-Dotriacontane (C32)	18.856	3811973	22.273 ug/ml
19) T n-Tetratriacontane (C34)	19.641	3444158	22.277 ug/ml
20) T n-Hexatriacontane (C36)	20.381	3004264	20.679 ug/ml
21) T n-Octatriacontane (C38)	21.110	2893481	21.050 ug/ml
22) T n-Tetracontane (C40)	21.998	2970655	19.225 ug/ml

(f)=RT Delta > 1/2 Window

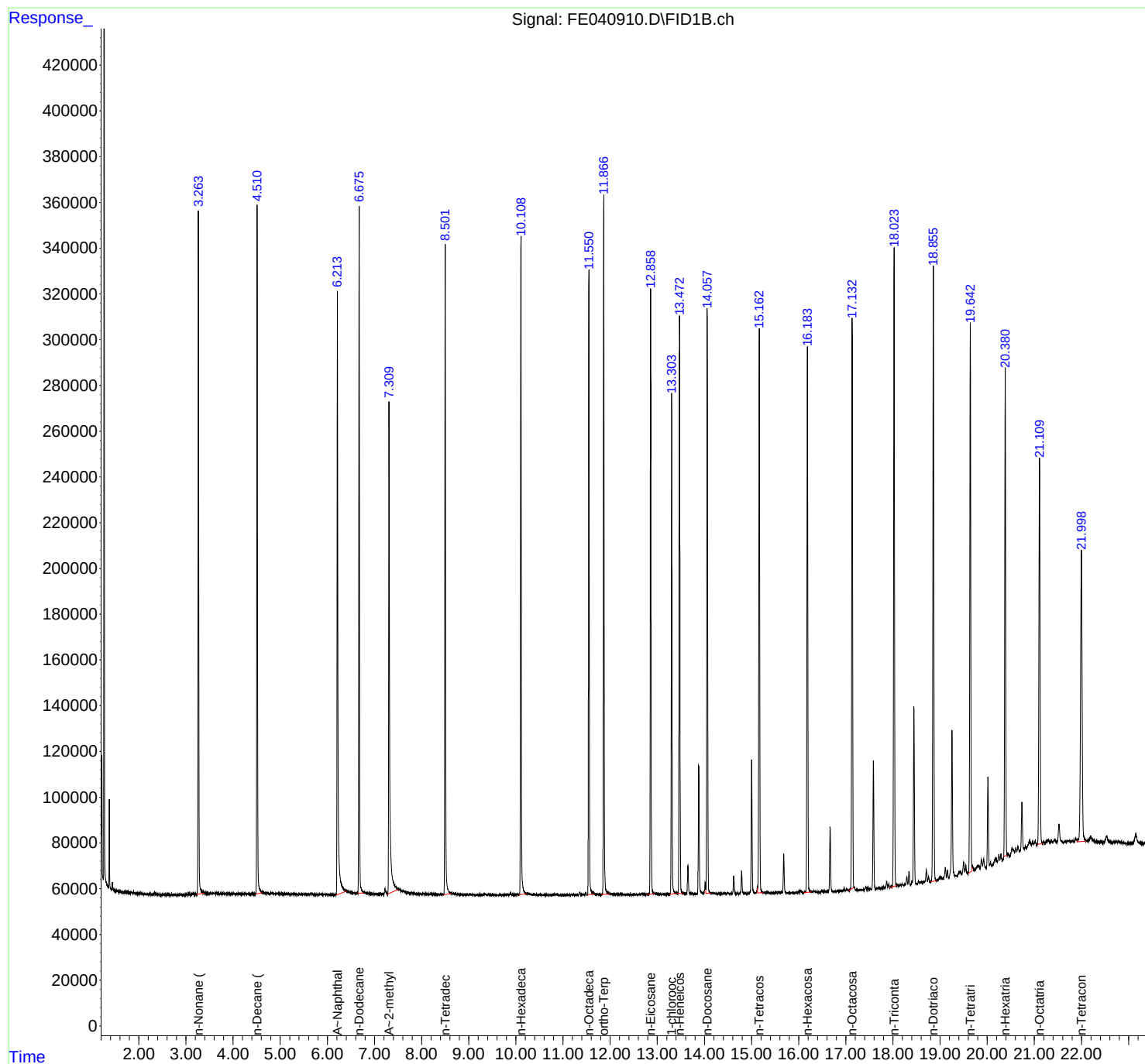
(m)=manual int.

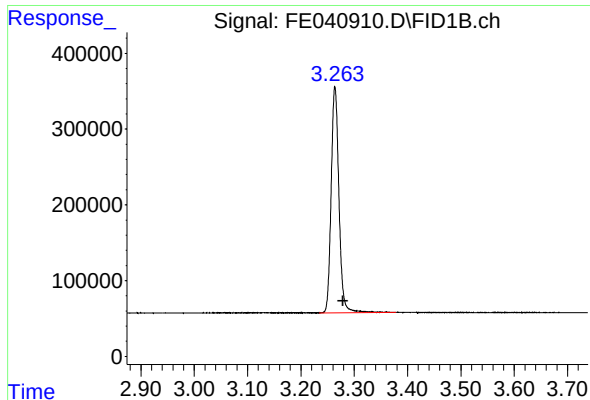
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE032123AL\
Data File : FE040910.D
Signal(s) : FID1B.ch
Acq On : 21 Mar 2023 12:59
Operator : YP\AJ
Sample : 20 PPM ALIPHATIC HC STD
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
Quant Time: Mar 22 01:52:58 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 022823.M
Quant Title : GC Extractables
QLast Update : Tue Feb 28 03:05:09 2023
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um

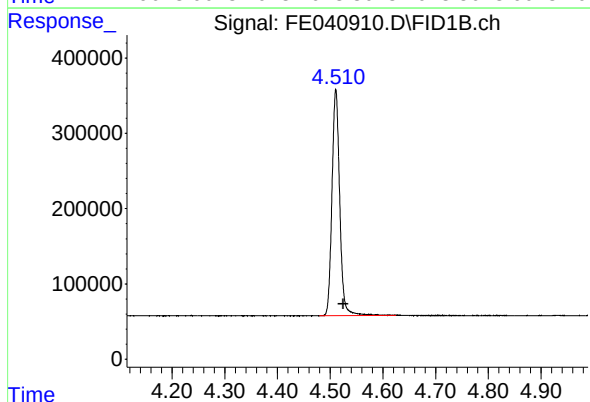




#1 n-Nonane (C9)

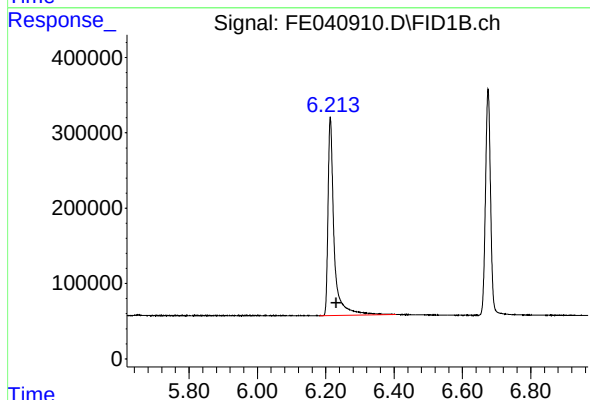
R.T.: 3.264 min
Delta R.T.: -0.015 min
Response: 3023318
Conc: 19.65 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



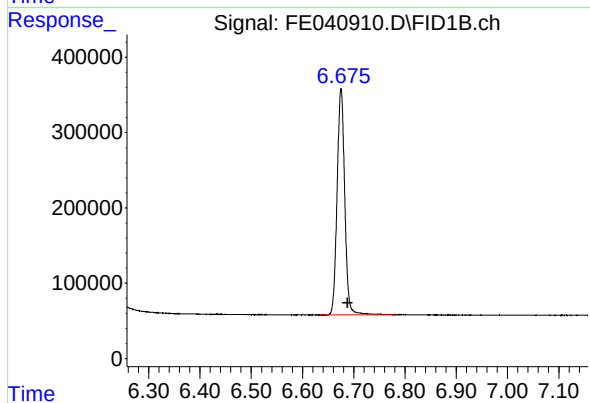
#2 n-Decane (C10)

R.T.: 4.511 min
Delta R.T.: -0.014 min
Response: 3072437
Conc: 20.42 ug/ml



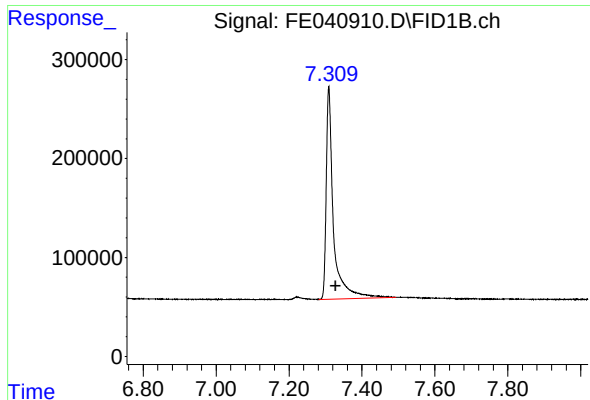
#3 A~Naphthalene (C11.7)

R.T.: 6.214 min
Delta R.T.: -0.018 min
Response: 3283812
Conc: 19.80 ug/ml



#4 n-Dodecane (C12)

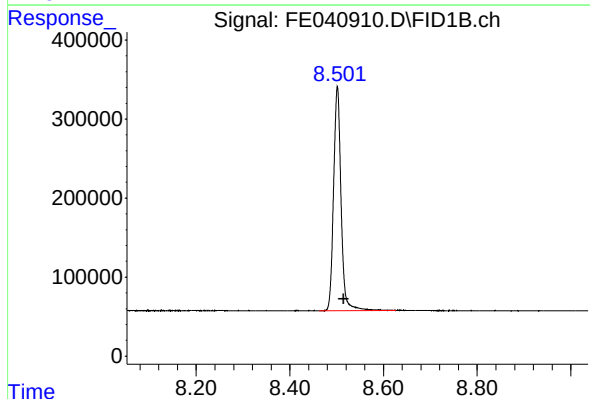
R.T.: 6.675 min
Delta R.T.: -0.012 min
Response: 3117039
Conc: 20.36 ug/ml



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

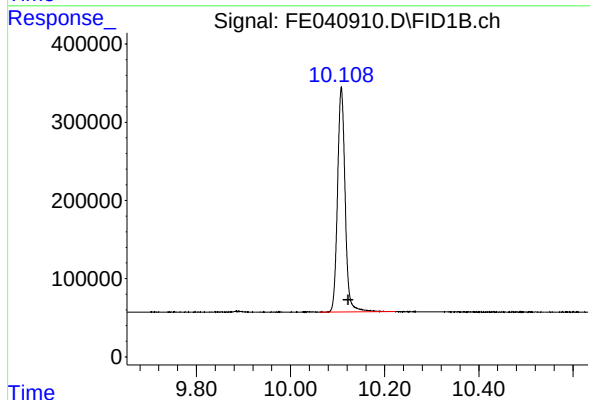
R.T.: 7.309 min
Delta R.T.: -0.019 min
Response: 2972212
Conc: 19.64 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



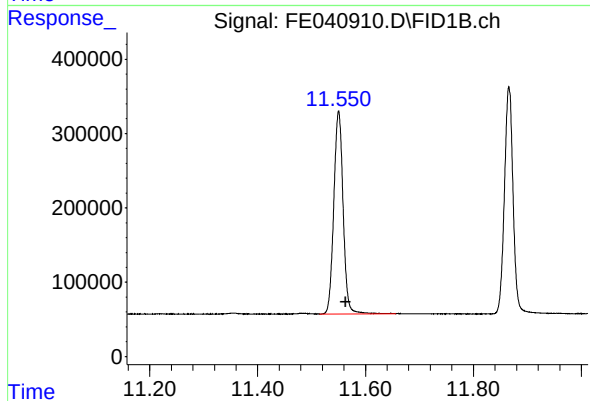
#6 n-Tetradecane (C14)

R.T.: 8.502 min
Delta R.T.: -0.014 min
Response: 3153366
Conc: 20.40 ug/ml



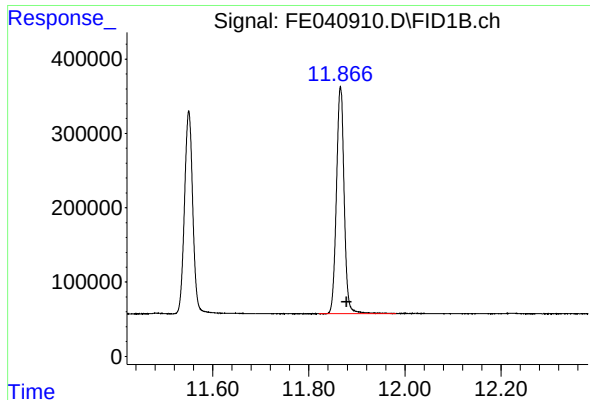
#7 n-Hexadecane (C16)

R.T.: 10.108 min
Delta R.T.: -0.015 min
Response: 3222510
Conc: 19.95 ug/ml



#8 n-Octadecane (C18)

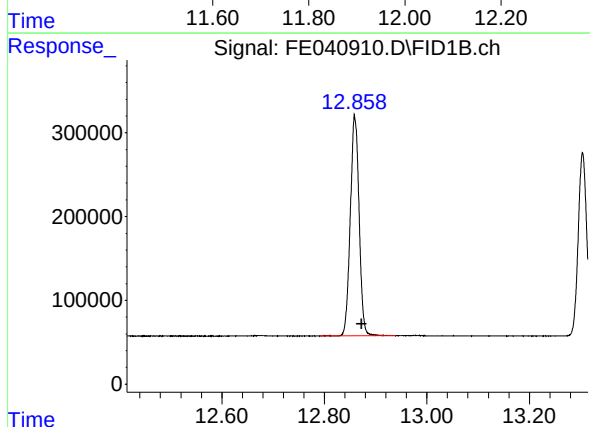
R.T.: 11.550 min
Delta R.T.: -0.013 min
Response: 3269060
Conc: 19.25 ug/ml



#9 ortho-Terphenyl (SURR)

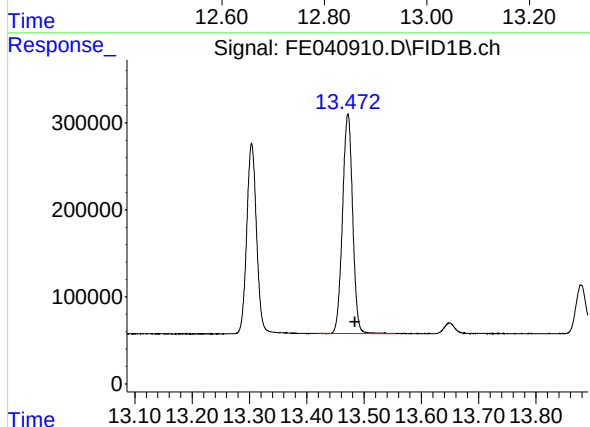
R.T.: 11.866 min
Delta R.T.: -0.013 min
Response: 3412870
Conc: 18.27 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



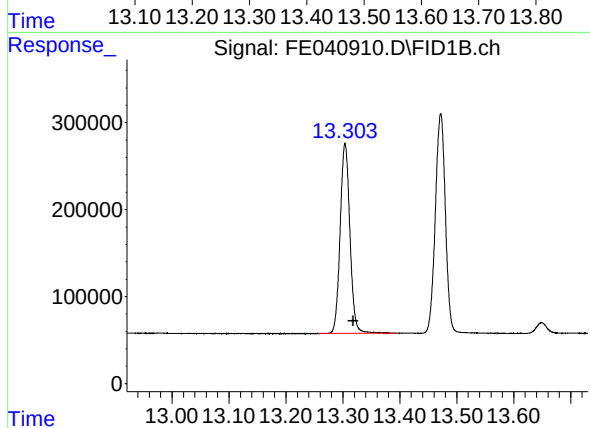
#10 n-Eicosane (C20)

R.T.: 12.859 min
Delta R.T.: -0.014 min
Response: 3144749
Conc: 18.59 ug/ml



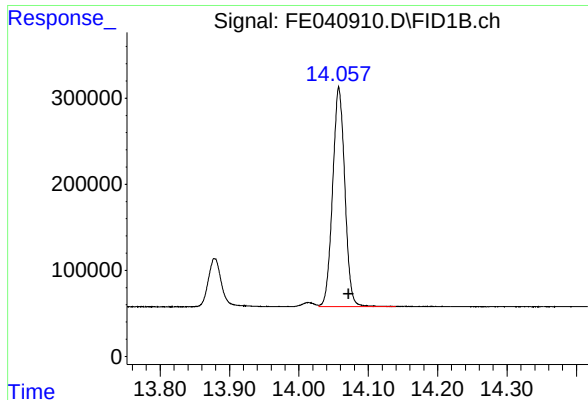
#11 n-Heneicosane (C21)

R.T.: 13.472 min
Delta R.T.: -0.012 min
Response: 3099729
Conc: 18.09 ug/ml



#12 1-chlorooctadecane (SURR)

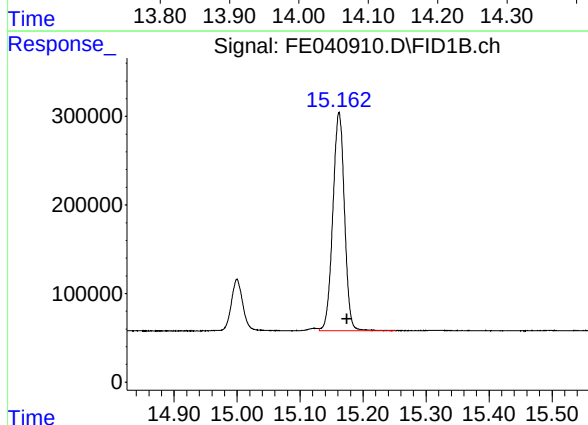
R.T.: 13.304 min
Delta R.T.: -0.014 min
Response: 2607856
Conc: 17.62 ug/ml



#13 n-Docosane (C22)

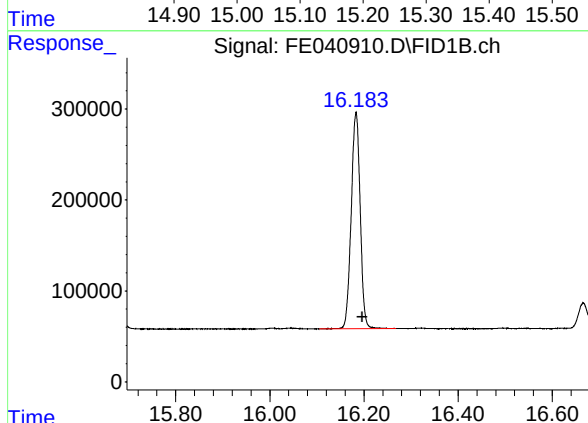
R.T.: 14.058 min
Delta R.T.: -0.014 min
Response: 3110557
Conc: 18.16 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



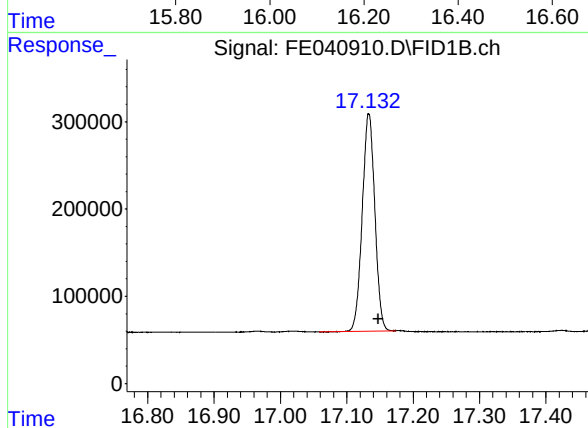
#14 n-Tetracosane (C24)

R.T.: 15.162 min
Delta R.T.: -0.012 min
Response: 3166995
Conc: 18.37 ug/ml



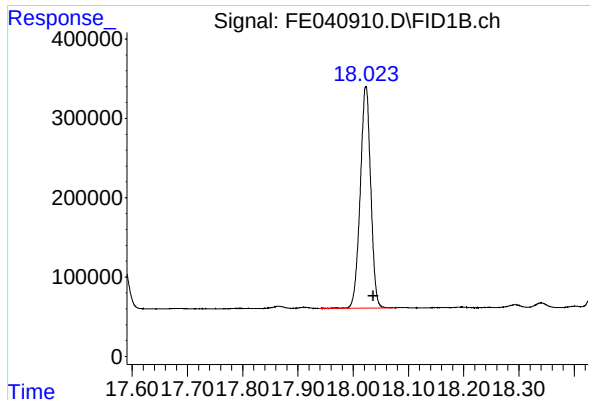
#15 n-Hexacosane (C26)

R.T.: 16.183 min
Delta R.T.: -0.013 min
Response: 3155818
Conc: 18.57 ug/ml



#16 n-Octacosane (C28)

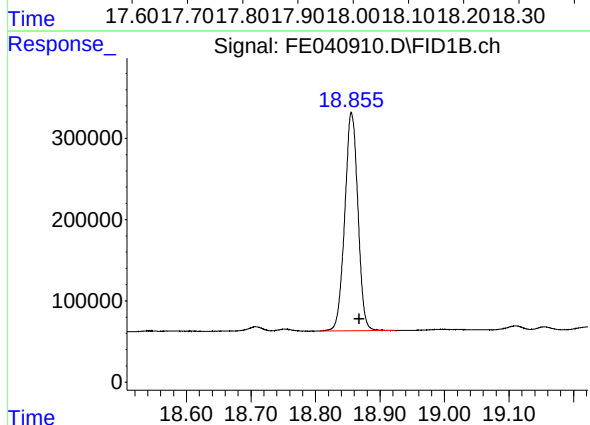
R.T.: 17.133 min
Delta R.T.: -0.014 min
Response: 3279119
Conc: 19.55 ug/ml



#17 n-Tricontane (C30)

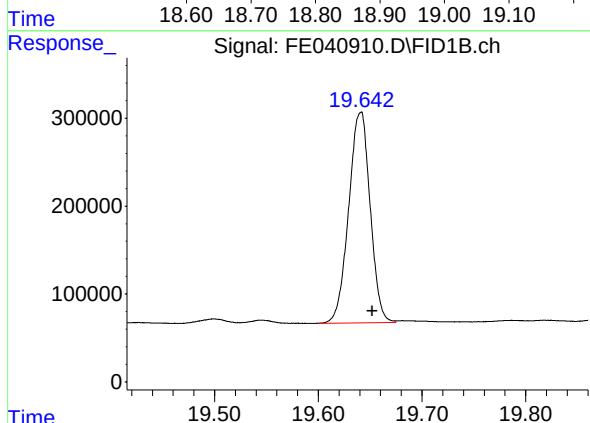
R.T.: 18.023 min
Delta R.T.: -0.013 min
Response: 3679391
Conc: 22.53 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



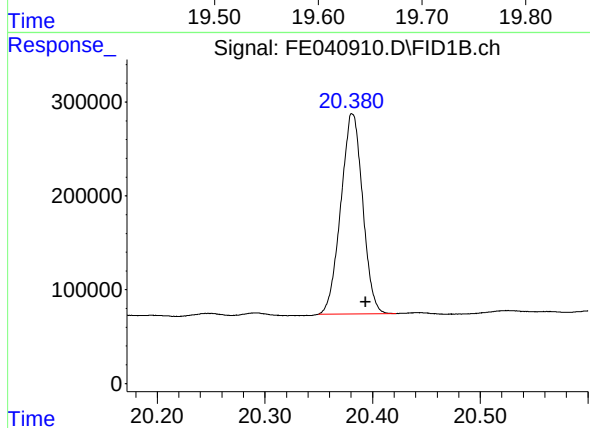
#18 n-Dotriacontane (C32)

R.T.: 18.856 min
Delta R.T.: -0.012 min
Response: 3811973
Conc: 22.27 ug/ml



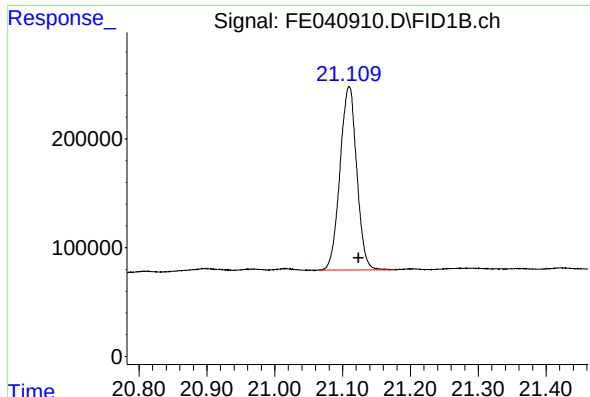
#19 n-Tetatriacontane (C34)

R.T.: 19.641 min
Delta R.T.: -0.011 min
Response: 3444158
Conc: 22.28 ug/ml



#20 n-Hexatriacontane (C36)

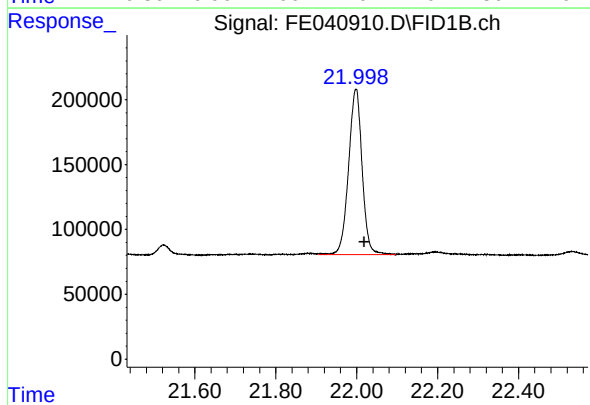
R.T.: 20.381 min
Delta R.T.: -0.012 min
Response: 3004264
Conc: 20.68 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.110 min
Delta R.T.: -0.014 min
Response: 2893481
Conc: 21.05 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 21.998 min
Delta R.T.: -0.020 min
Response: 2970655
Conc: 19.22 ug/ml