

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE052023AL\
 Data File : FE042037.D
 Signal(s) : FID1B.ch
 Acq On : 20 May 2023 01:02
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: May 20 02:56:37 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)	11.965	3834928	21.718 ug/ml
Spiked Amount 50.000		Recovery =	43.44%
12) S 1-chlorooctadecane (S...	13.401	2872409	21.617 ug/ml
Spiked Amount 50.000		Recovery =	43.23%
Target Compounds			
1) T n-Nonane (C9)	3.346	3006782	20.852 ug/ml
2) T n-Decane (C10)	4.598	3071954	20.751 ug/ml
3) T A~Naphthalene (C11.7)	6.304	3405317	20.871 ug/ml
4) T n-Dodecane (C12)	6.765	3126189	20.848 ug/ml
5) T A~2-methylnaphthalene...	7.401	3315512	20.891 ug/ml
6) T n-Tetradecane (C14)	8.595	3135609	20.931 ug/ml
7) T n-Hexadecane (C16)	10.202	3284666	21.087 ug/ml
8) T n-Octadecane (C18)	11.646	3360291	21.250 ug/ml
10) T n-Eicosane (C20)	12.956	3271440	21.582 ug/ml
11) T n-Heneicosane (C21)	13.567	3228847	21.794 ug/ml
13) T n-Docosane (C22)	14.153	3211573	21.907 ug/ml
14) T n-Tetracosane (C24)	15.258	3185430	22.066 ug/ml
15) T n-Hexacosane (C26)	16.278	3095901	22.353 ug/ml
16) T n-Octacosane (C28)	17.228	2970873	22.190 ug/ml
17) T n-Tricontane (C30)	18.116	2955284	21.892 ug/ml
18) T n-Dotriacontane (C32)	18.947	2826815	21.160 ug/ml
19) T n-Tetratriacontane (C34)	19.731	2679556	20.375 ug/ml
20) T n-Hexatriacontane (C36)	20.471	2468293	18.991 ug/ml
21) T n-Octatriacontane (C38)	21.222	2478428	18.268 ug/ml
22) T n-Tetracontane (C40)	22.157	2477682	17.810 ug/ml

(f)=RT Delta > 1/2 Window

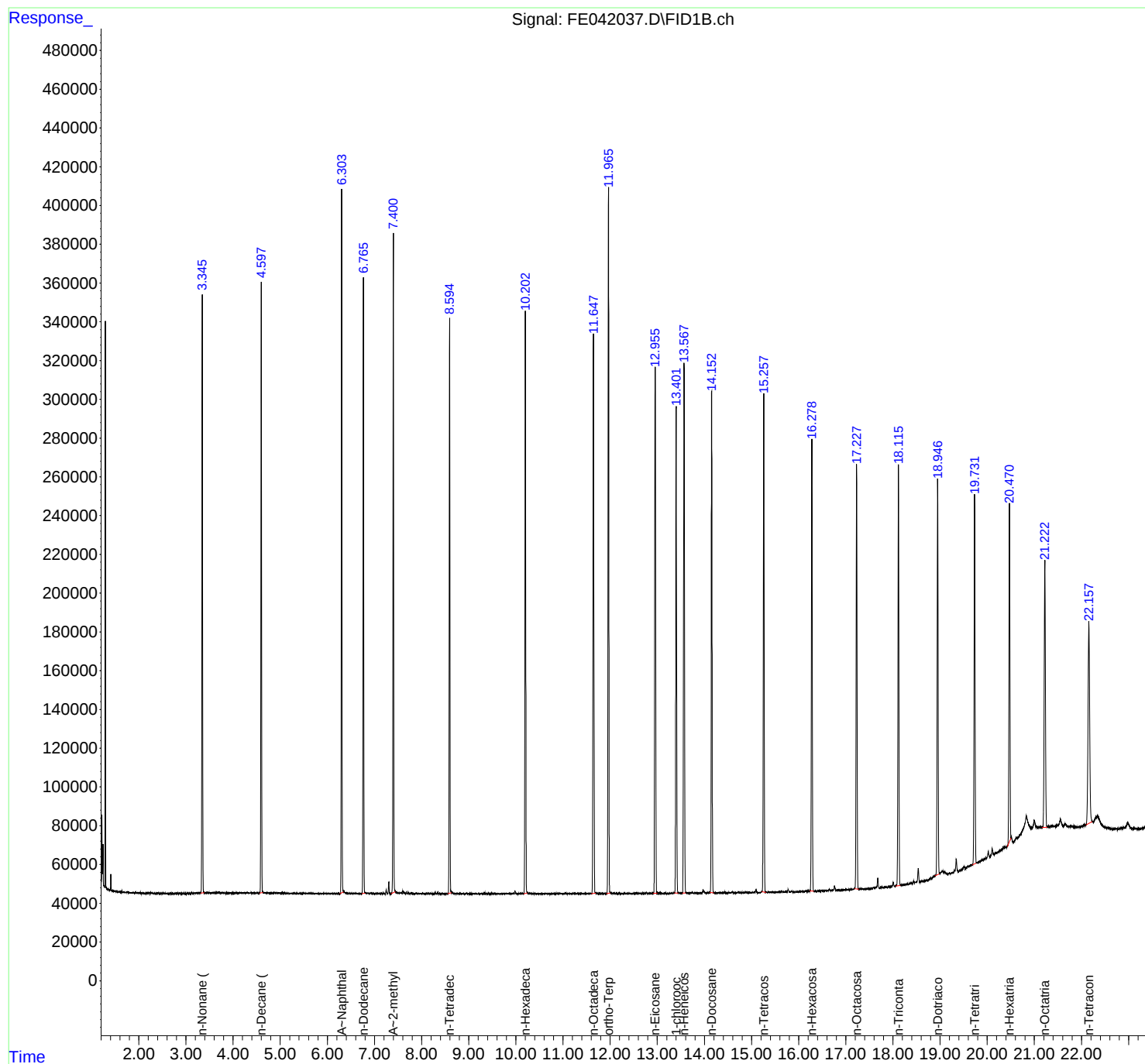
(m)=manual int.

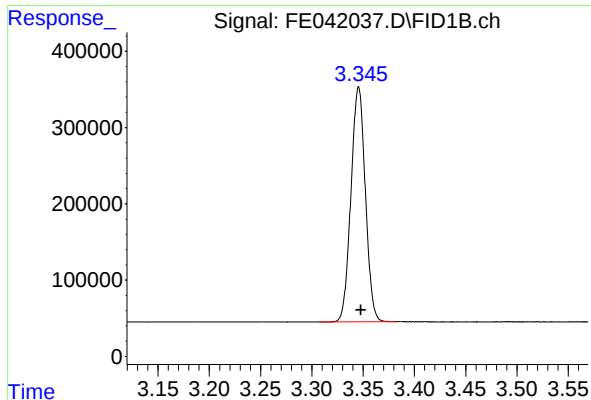
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE052023AL\
Data File : FE042037.D
Signal(s) : FID1B.ch
Acq On : 20 May 2023 01:02
Operator : YP\AJ
Sample : 20 PPM ALIPHATIC HC STD
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
Quant Time: May 20 02:56:37 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

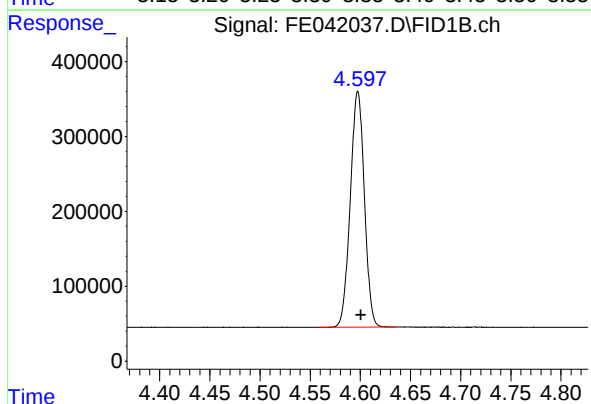




#1 n-Nonane (C9)

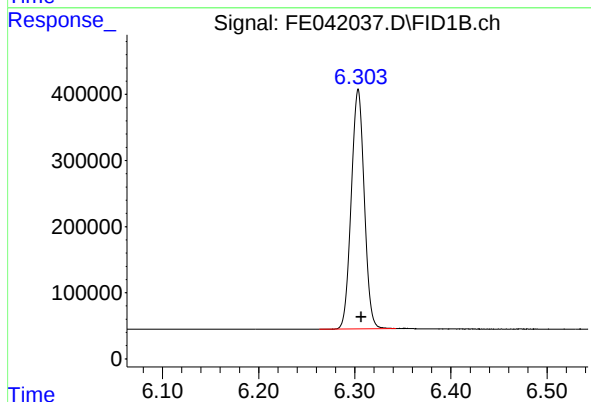
R.T.: 3.346 min
Delta R.T.: -0.002 min
Response: 3006782
Conc: 20.85 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



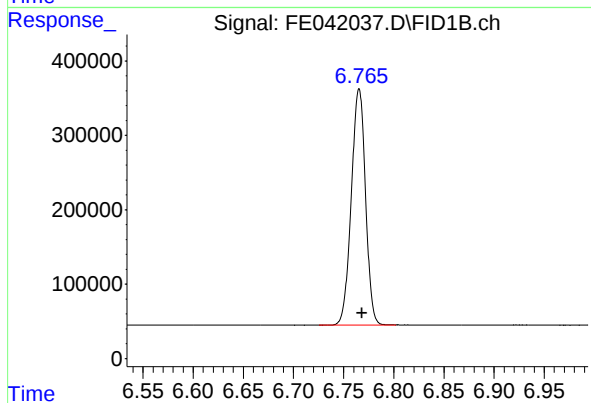
#2 n-Decane (C10)

R.T.: 4.598 min
Delta R.T.: -0.003 min
Response: 3071954
Conc: 20.75 ug/ml



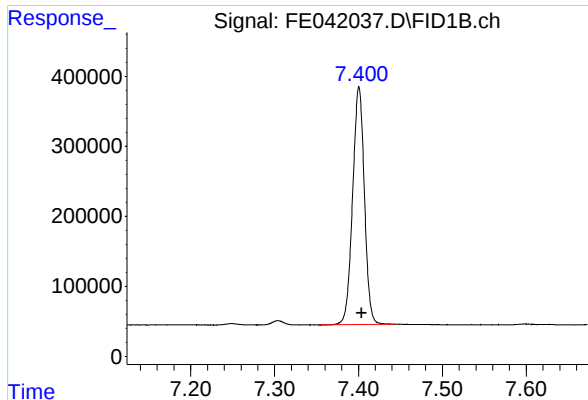
#3 A~Naphthalene (C11.7)

R.T.: 6.304 min
Delta R.T.: -0.003 min
Response: 3405317
Conc: 20.87 ug/ml



#4 n-Dodecane (C12)

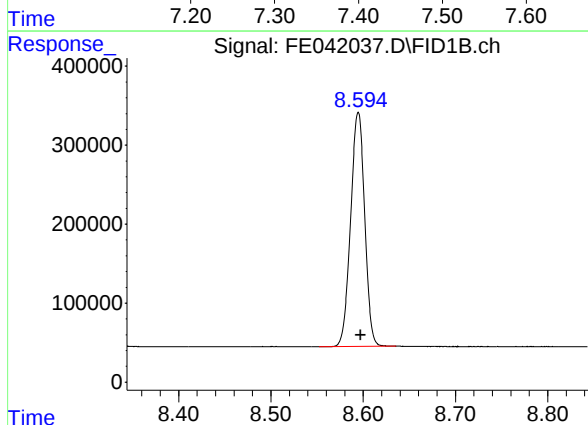
R.T.: 6.765 min
Delta R.T.: -0.003 min
Response: 3126189
Conc: 20.85 ug/ml



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

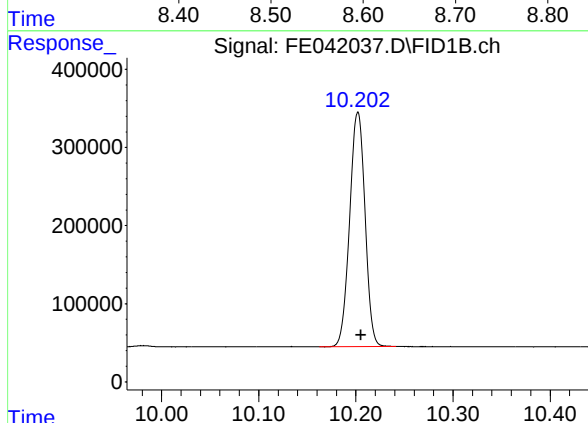
R.T.: 7.401 min
Delta R.T.: -0.003 min
Response: 3315512
Conc: 20.89 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



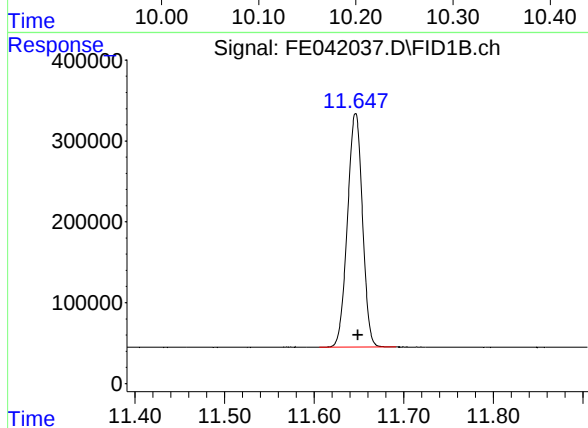
#6 n-Tetradecane (C14)

R.T.: 8.595 min
Delta R.T.: -0.003 min
Response: 3135609
Conc: 20.93 ug/ml



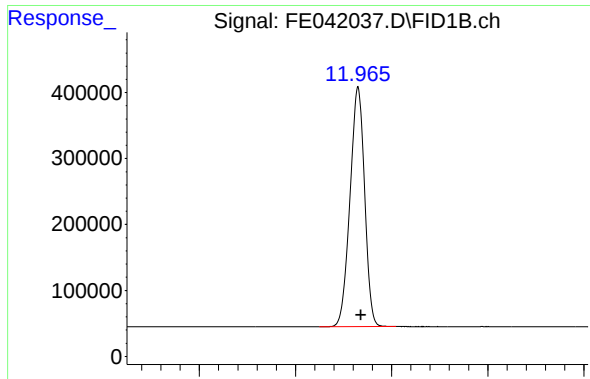
#7 n-Hexadecane (C16)

R.T.: 10.202 min
Delta R.T.: -0.003 min
Response: 3284666
Conc: 21.09 ug/ml



#8 n-Octadecane (C18)

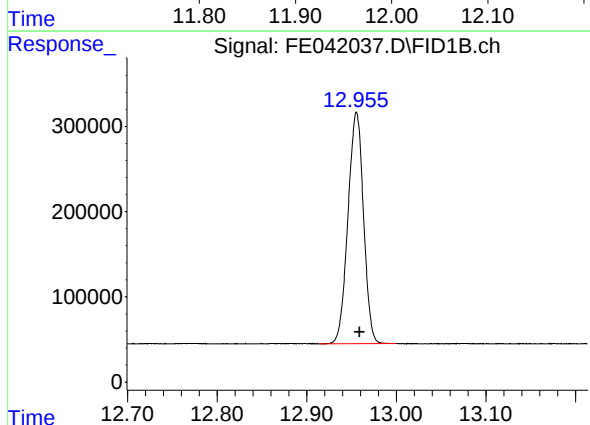
R.T.: 11.646 min
Delta R.T.: -0.003 min
Response: 3360291
Conc: 21.25 ug/ml



#9 ortho-Terphenyl (SURR)

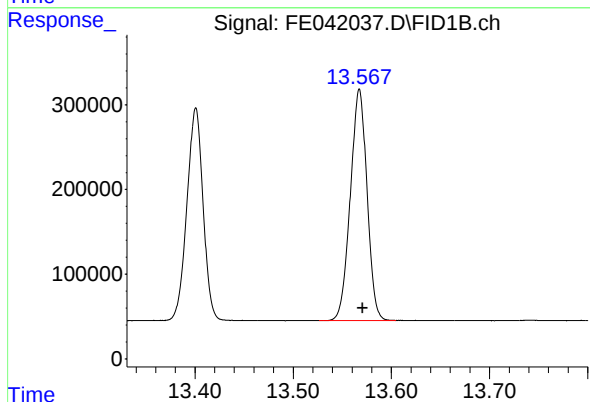
R.T.: 11.965 min
Delta R.T.: -0.003 min
Response: 3834928
Conc: 21.72 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



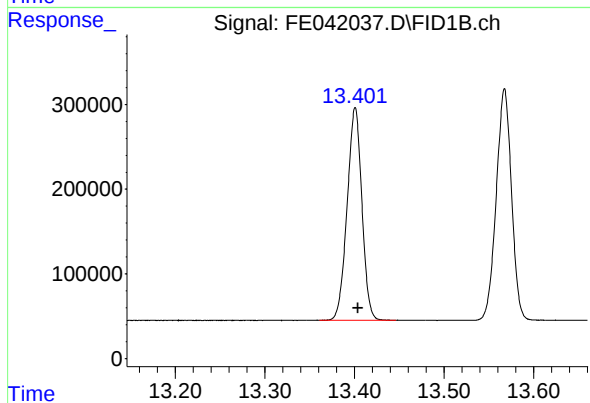
#10 n-Eicosane (C20)

R.T.: 12.956 min
Delta R.T.: -0.003 min
Response: 3271440
Conc: 21.58 ug/ml



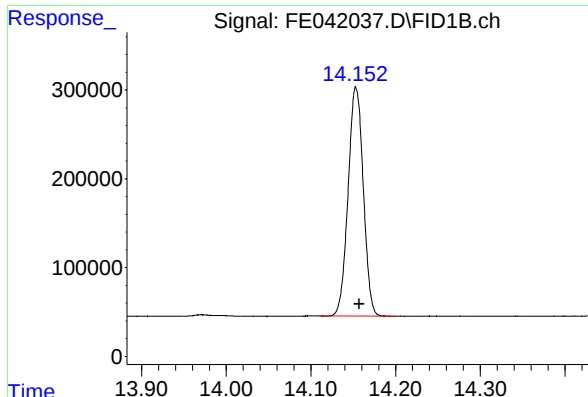
#11 n-Heneicosane (C21)

R.T.: 13.567 min
Delta R.T.: -0.003 min
Response: 3228847
Conc: 21.79 ug/ml



#12 1-chlorooctadecane (SURR)

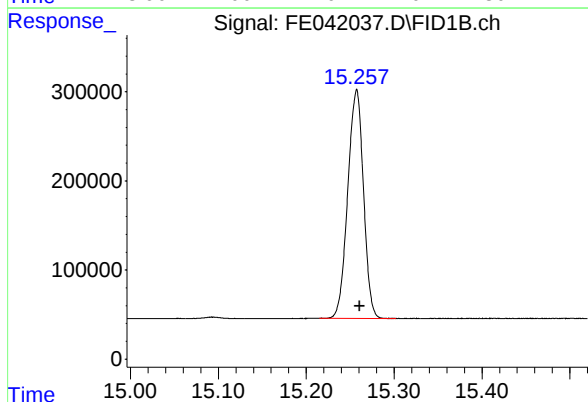
R.T.: 13.401 min
Delta R.T.: -0.003 min
Response: 2872409
Conc: 21.62 ug/ml



#13 n-Docosane (C22)

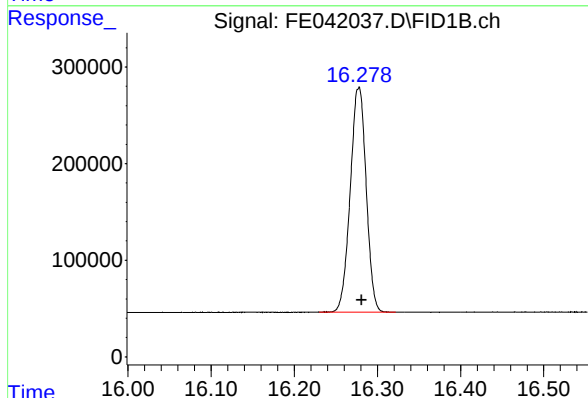
R.T.: 14.153 min
Delta R.T.: -0.004 min
Response: 3211573
Conc: 21.91 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



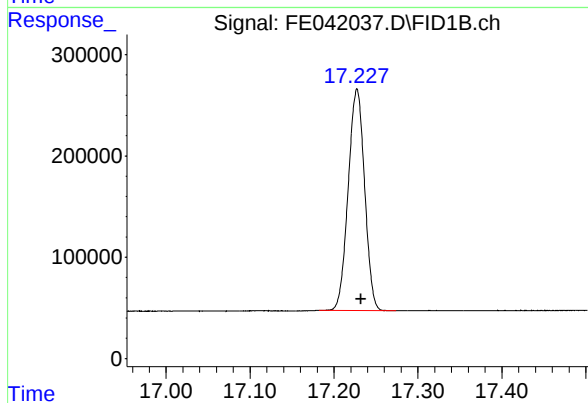
#14 n-Tetracosane (C24)

R.T.: 15.258 min
Delta R.T.: -0.003 min
Response: 3185430
Conc: 22.07 ug/ml



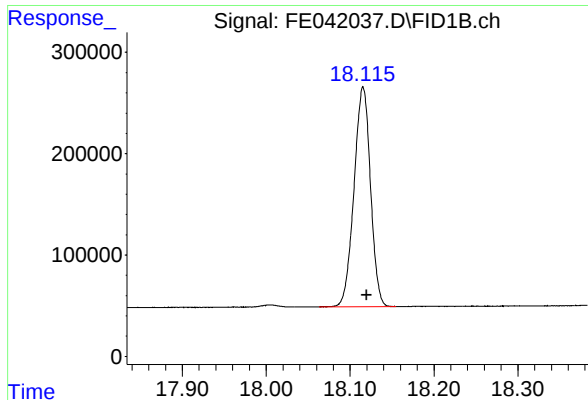
#15 n-Hexacosane (C26)

R.T.: 16.278 min
Delta R.T.: -0.003 min
Response: 3095901
Conc: 22.35 ug/ml



#16 n-Octacosane (C28)

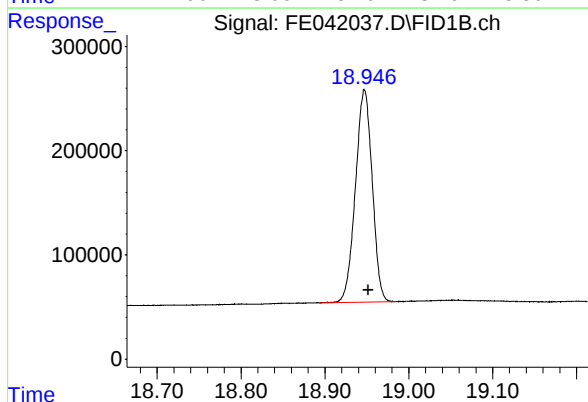
R.T.: 17.228 min
Delta R.T.: -0.005 min
Response: 2970873
Conc: 22.19 ug/ml



#17 n-Tricontane (C30)

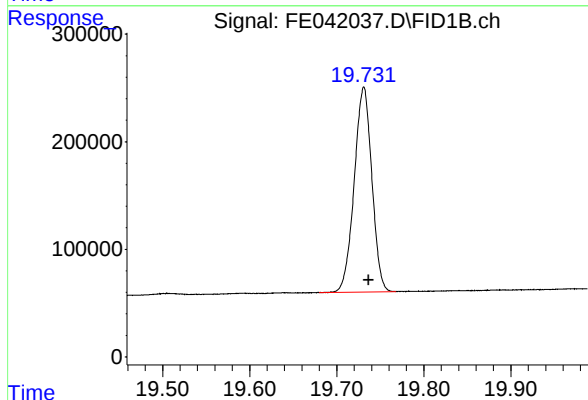
R.T.: 18.116 min
Delta R.T.: -0.004 min
Response: 2955284
Conc: 21.89 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



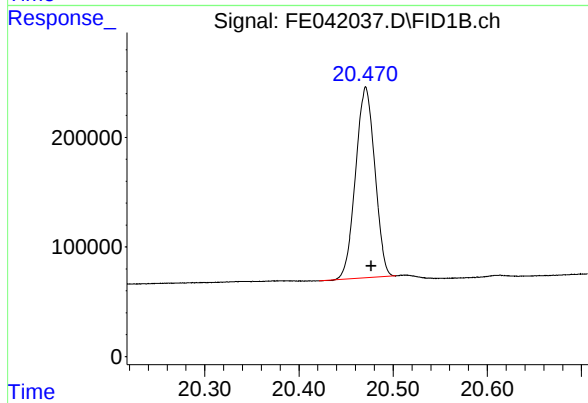
#18 n-Dotriacontane (C32)

R.T.: 18.947 min
Delta R.T.: -0.005 min
Response: 2826815
Conc: 21.16 ug/ml



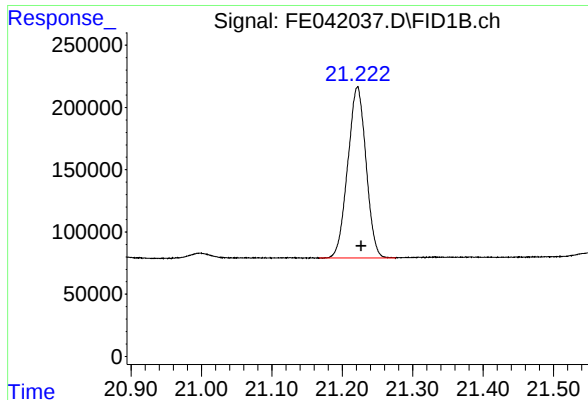
#19 n-Tetatriacontane (C34)

R.T.: 19.731 min
Delta R.T.: -0.005 min
Response: 2679556
Conc: 20.38 ug/ml



#20 n-Hexatriacontane (C36)

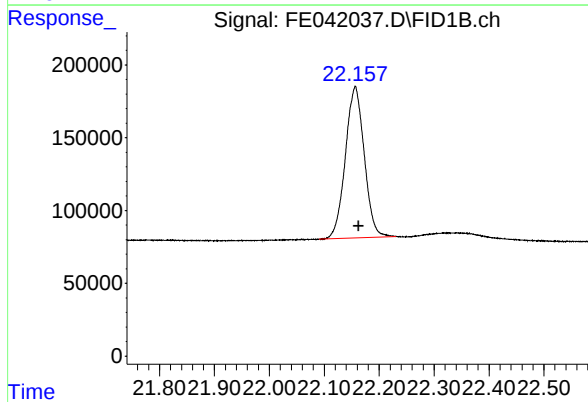
R.T.: 20.471 min
Delta R.T.: -0.006 min
Response: 2468293
Conc: 18.99 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.222 min
Delta R.T.: -0.006 min
Response: 2478428
Conc: 18.27 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 22.157 min
Delta R.T.: -0.006 min
Response: 2477682
Conc: 17.81 ug/ml