

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE072223AL\
 Data File : FE043468.D
 Signal(s) : FID1B.ch
 Acq On : 23 Jul 2023 08:15
 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: Jul 24 02:52:13 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 071323.M
 Quant Title : GC Extractables
 QLast Update : Thu Jul 13 03:02:53 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)	11.885	3869119	21.607 ug/ml
Spiked Amount 50.000		Recovery =	43.21%
12) S 1-chlorooctadecane (S...	13.322	2856917	21.743 ug/ml
Spiked Amount 50.000		Recovery =	43.49%
Target Compounds			
1) T n-Nonane (C9)	3.266	3235320	21.190 ug/ml
2) T n-Decane (C10)	4.518	3353444	21.511 ug/ml
3) T A~Naphthalene (C11.7)	6.228	3460753	21.507 ug/ml
4) T n-Dodecane (C12)	6.688	3389024	21.507 ug/ml
5) T A~2-methylnaphthalene...	7.325	3290532	21.685 ug/ml
6) T n-Tetradecane (C14)	8.517	3365229	21.276 ug/ml
7) T n-Hexadecane (C16)	10.124	3476113	21.479 ug/ml
8) T n-Octadecane (C18)	11.567	3511495	21.541 ug/ml
10) T n-Eicosane (C20)	12.876	3355765	21.599 ug/ml
11) T n-Heneicosane (C21)	13.488	3280795	21.655 ug/ml
13) T n-Docosane (C22)	14.074	3231303	21.621 ug/ml
14) T n-Tetracosane (C24)	15.178	3172505	21.602 ug/ml
15) T n-Hexacosane (C26)	16.197	3092520	21.713 ug/ml
16) T n-Octacosane (C28)	17.148	3047588	21.660 ug/ml
17) T n-Tricontane (C30)	18.035	3198678	21.713 ug/ml
18) T n-Dotriacontane (C32)	18.868	3228837	21.790 ug/ml
19) T n-Tetratriacontane (C34)	19.652	3155115	21.862 ug/ml
20) T n-Hexatriacontane (C36)	20.391	2991614	20.354 ug/ml
21) T n-Octatriacontane (C38)	21.128	3089037	21.654 ug/ml
22) T n-Tetracontane (C40)	22.033	3436810	23.287 ug/ml

(f)=RT Delta > 1/2 Window

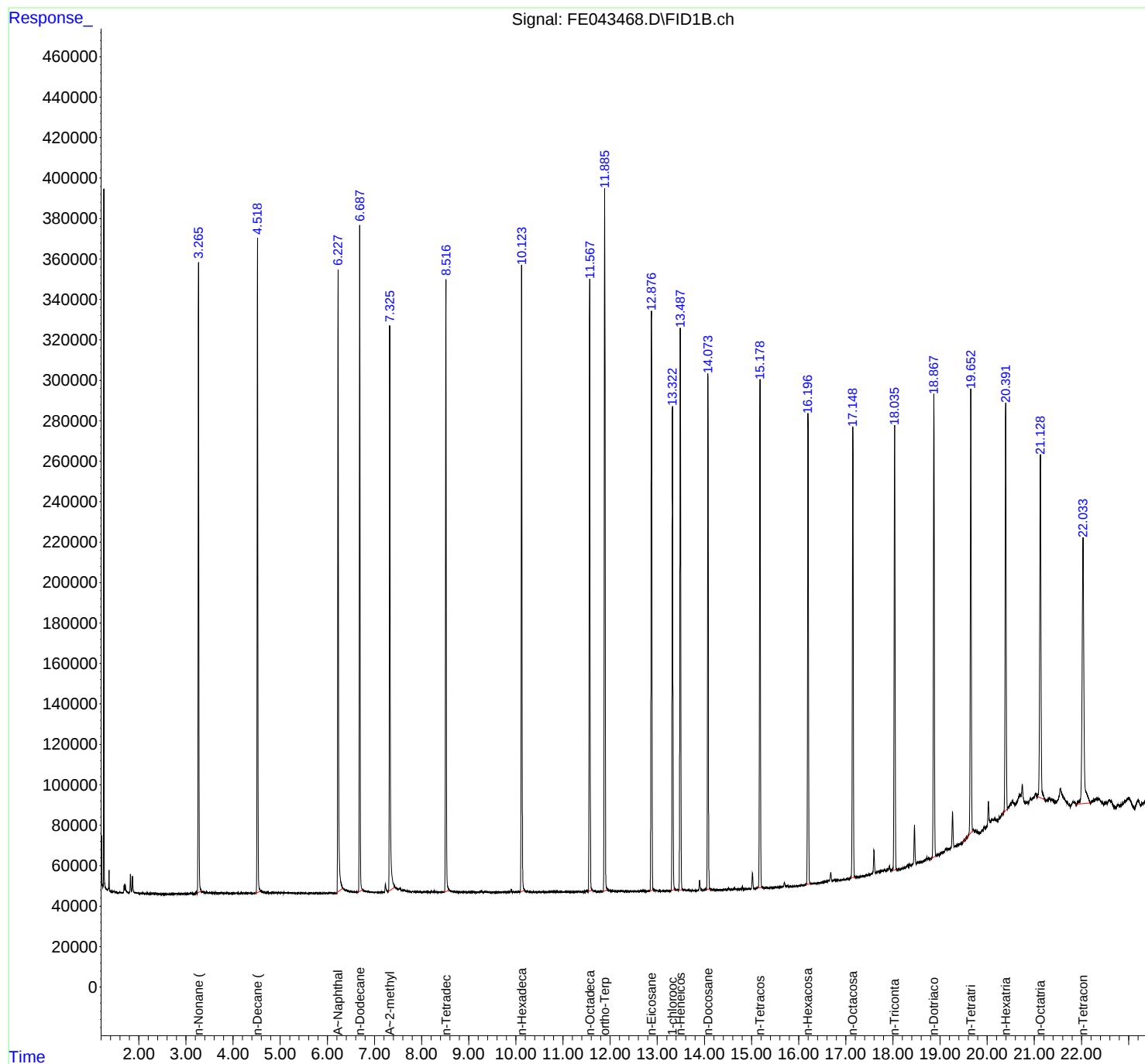
(m)=manual int.

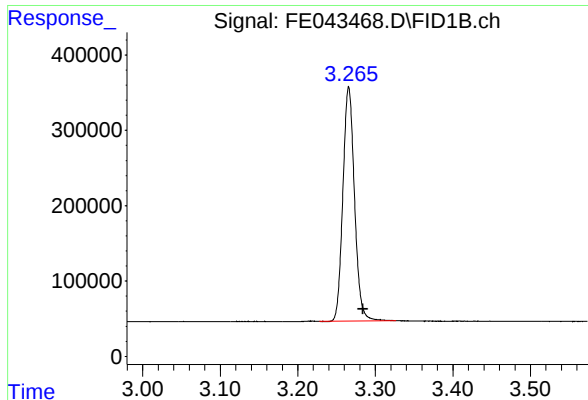
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE072223AL\
Data File : FE043468.D
Signal(s) : FID1B.ch
Acq On : 23 Jul 2023 08:15
Operator : YP\AJ
Sample : 20 PPM ALIPHATIC HC STD
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
Quant Time: Jul 24 02:52:13 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 071323.M
Quant Title : GC Extractables
QLast Update : Thu Jul 13 03:02:53 2023
Response via : Initial Calibration
Integrator: ChemStation

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

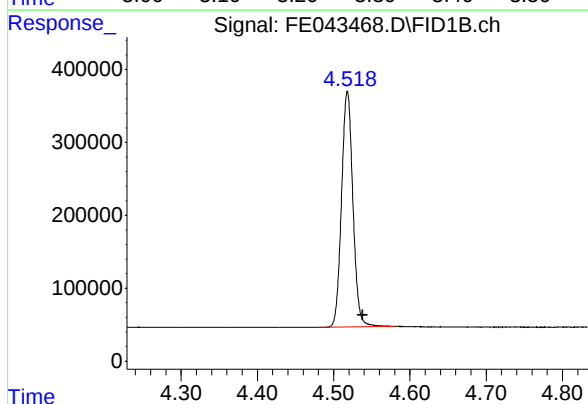




#1 n-Nonane (C9)

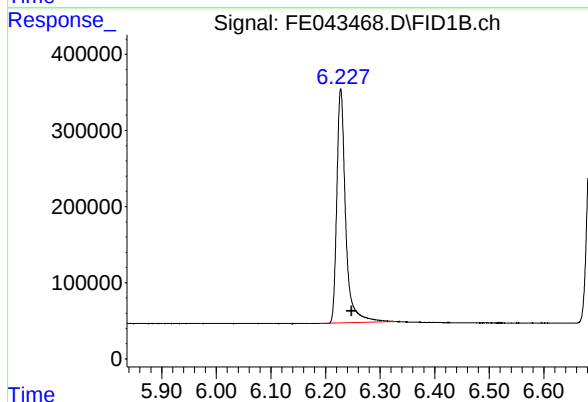
R.T.: 3.266 min
Delta R.T.: -0.018 min
Response: 3235320
Conc: 21.19 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



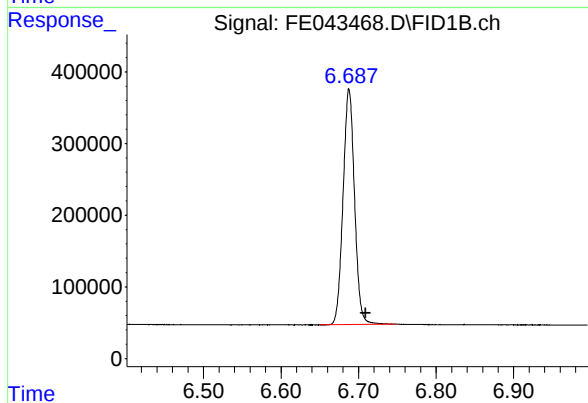
#2 n-Decane (C10)

R.T.: 4.518 min
Delta R.T.: -0.020 min
Response: 3353444
Conc: 21.51 ug/ml



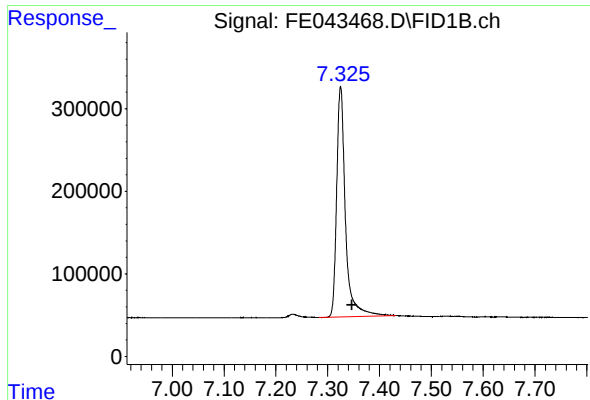
#3 A~Naphthalene (C11.7)

R.T.: 6.228 min
Delta R.T.: -0.020 min
Response: 3460753
Conc: 21.51 ug/ml



#4 n-Dodecane (C12)

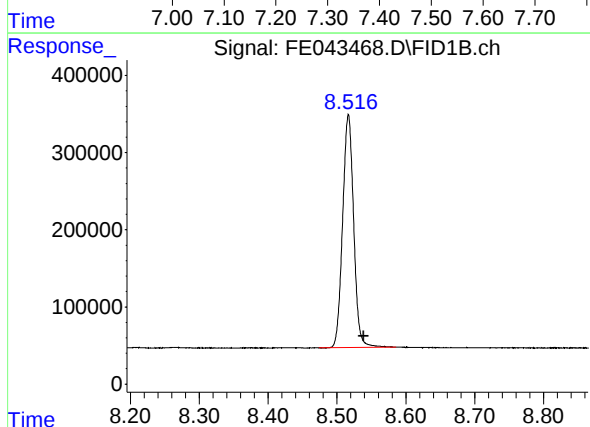
R.T.: 6.688 min
Delta R.T.: -0.022 min
Response: 3389024
Conc: 21.51 ug/ml



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

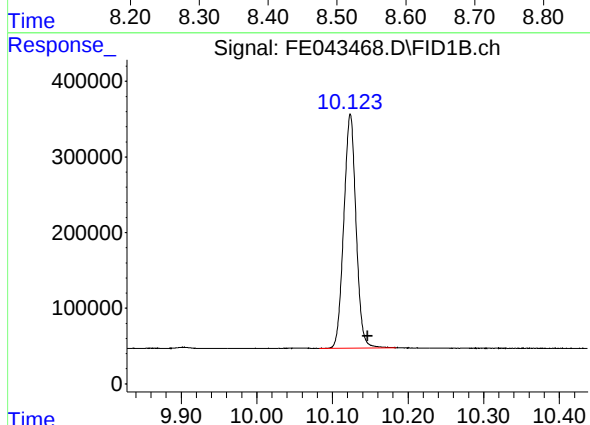
R.T.: 7.325 min
Delta R.T.: -0.022 min
Response: 3290532
Conc: 21.69 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



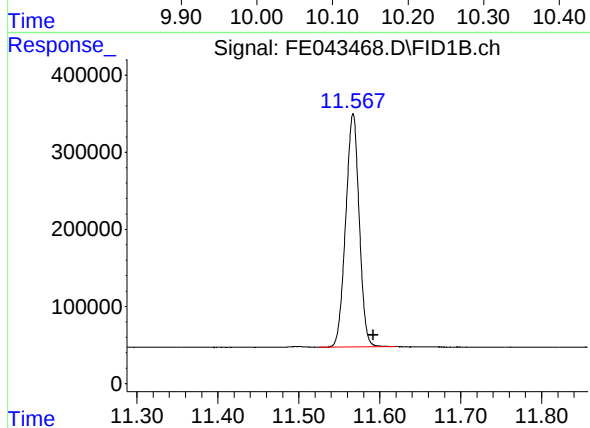
#6 n-Tetradecane (C14)

R.T.: 8.517 min
Delta R.T.: -0.022 min
Response: 3365229
Conc: 21.28 ug/ml



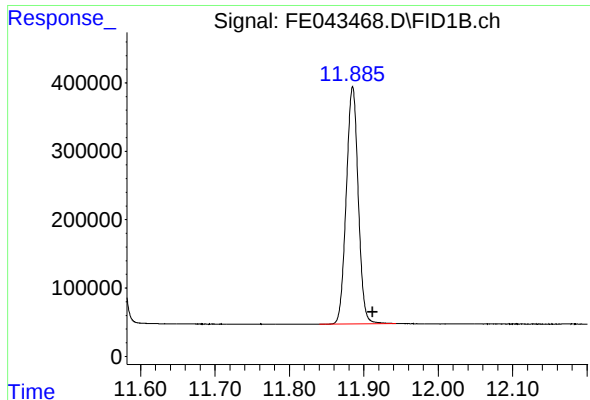
#7 n-Hexadecane (C16)

R.T.: 10.124 min
Delta R.T.: -0.023 min
Response: 3476113
Conc: 21.48 ug/ml



#8 n-Octadecane (C18)

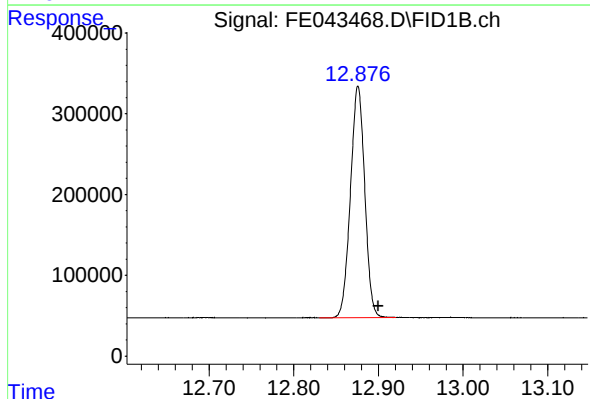
R.T.: 11.567 min
Delta R.T.: -0.025 min
Response: 3511495
Conc: 21.54 ug/ml



#9 ortho-Terphenyl (SURR)

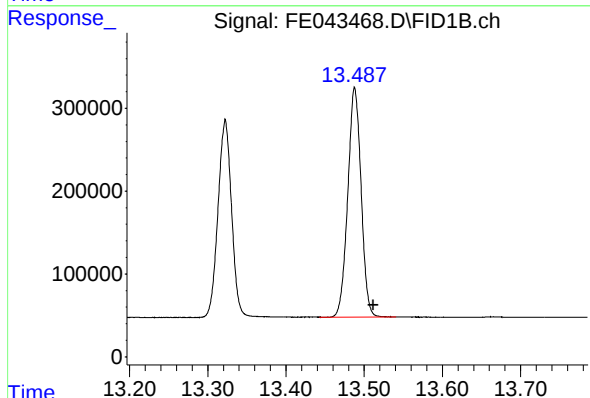
R.T.: 11.885 min
Delta R.T.: -0.026 min
Response: 3869119
Conc: 21.61 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



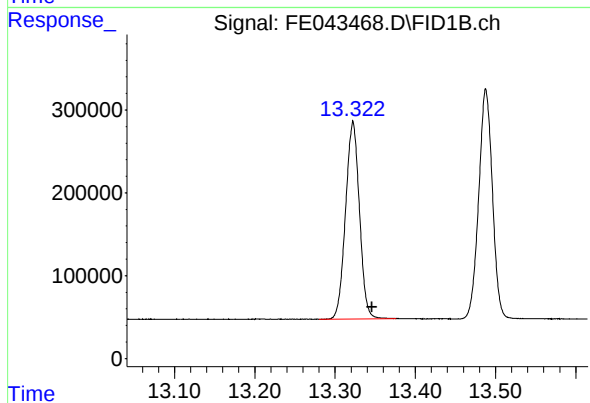
#10 n-Eicosane (C20)

R.T.: 12.876 min
Delta R.T.: -0.024 min
Response: 3355765
Conc: 21.60 ug/ml



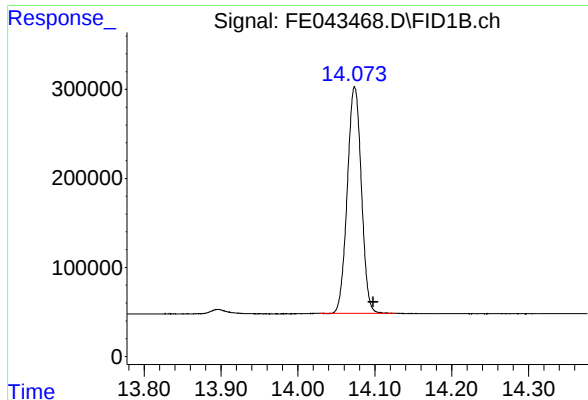
#11 n-Heneicosane (C21)

R.T.: 13.488 min
Delta R.T.: -0.024 min
Response: 3280795
Conc: 21.66 ug/ml



#12 1-chlorooctadecane (SURR)

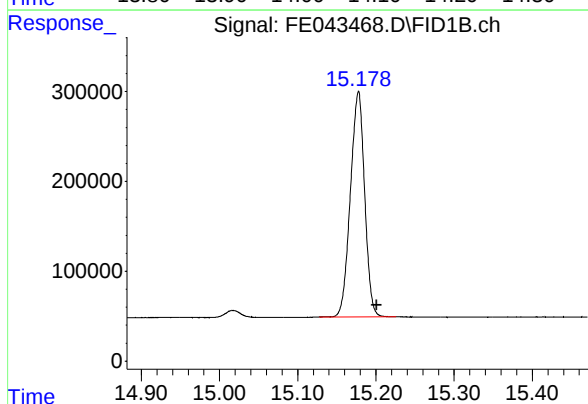
R.T.: 13.322 min
Delta R.T.: -0.024 min
Response: 2856917
Conc: 21.74 ug/ml



#13 n-Docosane (C22)

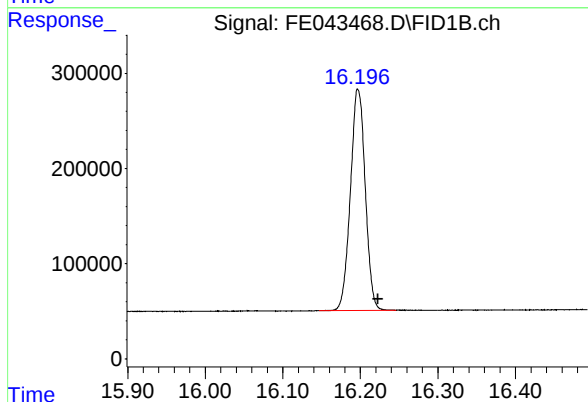
R.T.: 14.074 min
Delta R.T.: -0.025 min
Response: 3231303
Conc: 21.62 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



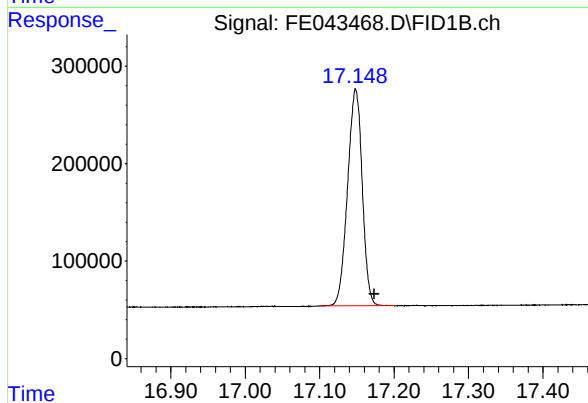
#14 n-Tetracosane (C24)

R.T.: 15.178 min
Delta R.T.: -0.023 min
Response: 3172505
Conc: 21.60 ug/ml



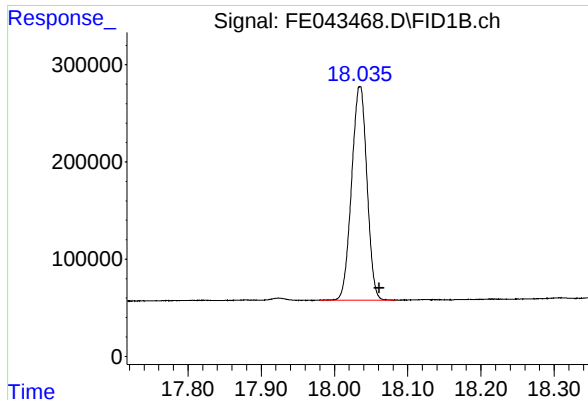
#15 n-Hexacosane (C26)

R.T.: 16.197 min
Delta R.T.: -0.026 min
Response: 3092520
Conc: 21.71 ug/ml



#16 n-Octacosane (C28)

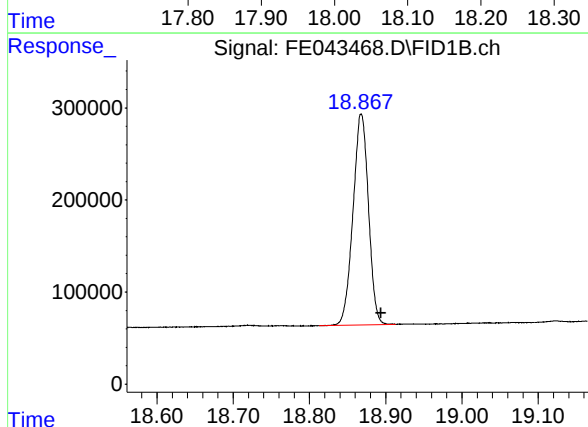
R.T.: 17.148 min
Delta R.T.: -0.025 min
Response: 3047588
Conc: 21.66 ug/ml



#17 n-Tricontane (C30)

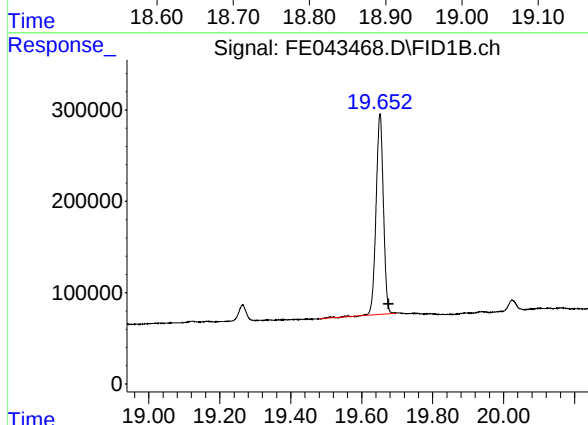
R.T.: 18.035 min
Delta R.T.: -0.026 min
Response: 3198678
Conc: 21.71 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



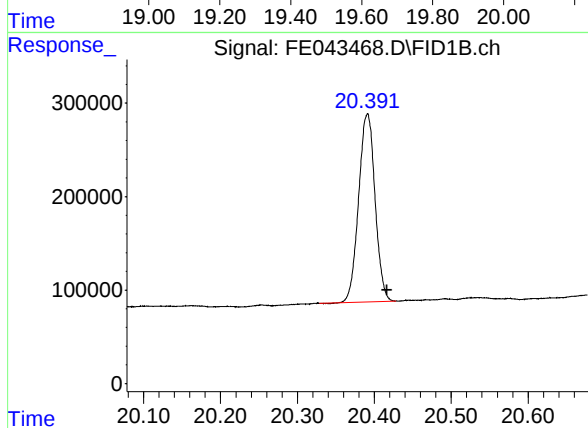
#18 n-Dotriacontane (C32)

R.T.: 18.868 min
Delta R.T.: -0.026 min
Response: 3228837
Conc: 21.79 ug/ml



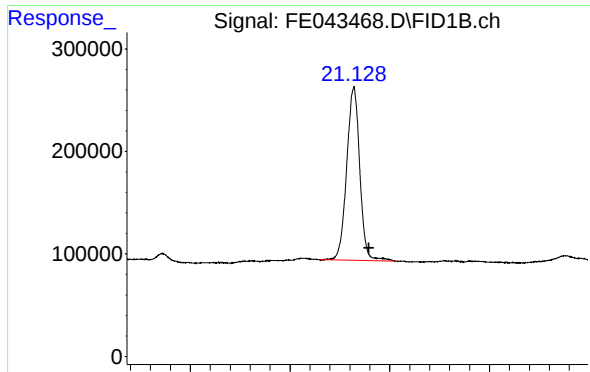
#19 n-Tetratriacontane (C34)

R.T.: 19.652 min
Delta R.T.: -0.024 min
Response: 3155115
Conc: 21.86 ug/ml



#20 n-Hexatriacontane (C36)

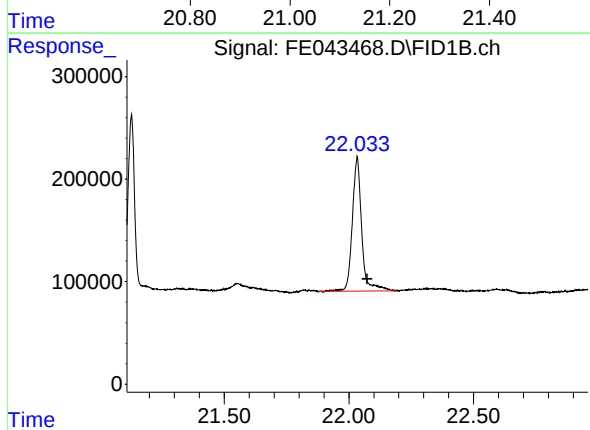
R.T.: 20.391 min
Delta R.T.: -0.025 min
Response: 2991614
Conc: 20.35 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.128 min
Delta R.T.: -0.030 min
Response: 3089037
Conc: 21.65 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 22.033 min
Delta R.T.: -0.041 min
Response: 3436810
Conc: 23.29 ug/ml