

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE050725AL\
 Data File : FE053684.D
 Signal(s) : FID1B.ch
 Acq On : 07 May 2025 09:23
 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: May 07 11:33:12 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 041725.M
 Quant Title : GC Extractables
 QLast Update : Tue Apr 29 06:49:03 2025
 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)	11.865	3590705	19.908 ug/ml
Spiked Amount 50.000		Recovery =	39.82%
12) S 1-chlorooctadecane (S...	13.310	2658407	19.666 ug/ml
Spiked Amount 50.000		Recovery =	39.33%
Target Compounds			
1) T n-Nonane (C9)	3.210	2860785	20.866 ug/ml
2) T n-Decane (C10)	4.472	2904633	20.997 ug/ml
3) T A~Naphthalene (C11.7)	6.185	3178721	21.059 ug/ml
4) T n-Dodecane (C12)	6.653	2945656	21.003 ug/ml
5) T A~2-methylnaphthalene...	7.288	3130461	20.967 ug/ml
6) T n-Tetradecane (C14)	8.489	2933463	20.910 ug/ml
7) T n-Hexadecane (C16)	10.103	2953717	20.609 ug/ml
8) T n-Octadecane (C18)	11.550	2962412	20.328 ug/ml
10) T n-Eicosane (C20)	12.864	2911828	20.011 ug/ml
11) T n-Heneicosane (C21)	13.478	2878343	19.872 ug/ml
13) T n-Docosane (C22)	14.066	2841130	19.689 ug/ml
14) T n-Tetracosane (C24)	15.172	2789507	19.420 ug/ml
15) T n-Hexacosane (C26)	16.196	2722475	19.223 ug/ml
16) T n-Octacosane (C28)	17.147	2687189	19.315 ug/ml
17) T n-Tricontane (C30)	18.036	2737156	19.664 ug/ml
18) T n-Dotriacontane (C32)	18.871	2772480	20.192 ug/ml
19) T n-Tetratriacontane (C34)	19.656	2666081	20.462 ug/ml
20) T n-Hexatriacontane (C36)	20.398	2620683	20.758 ug/ml
21) T n-Octatriacontane (C38)	21.131	2585827	21.225 ug/ml
22) T n-Tetracontane (C40)	22.035	2537672	21.250 ug/ml

(f)=RT Delta > 1/2 Window

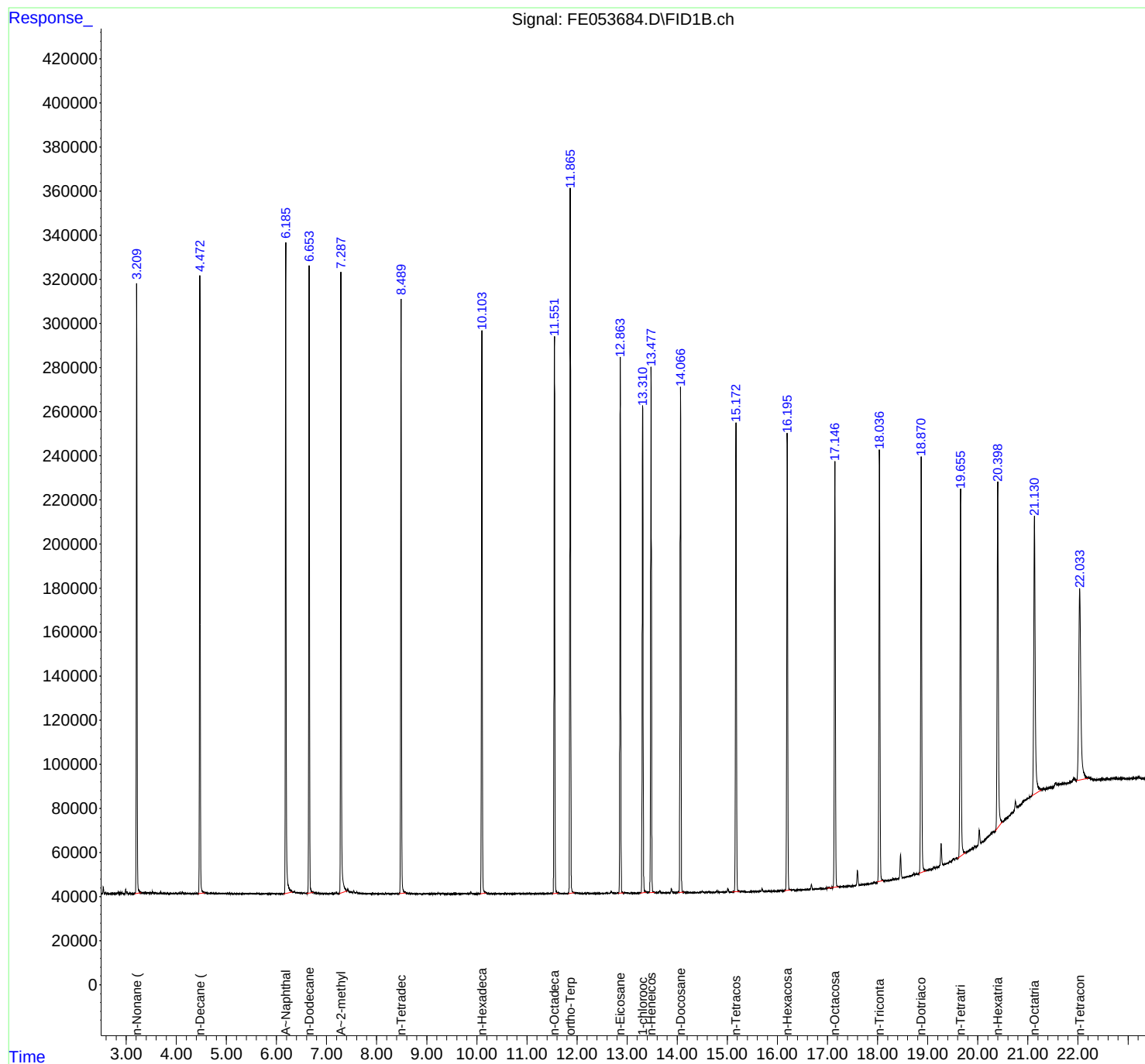
(m)=manual int.

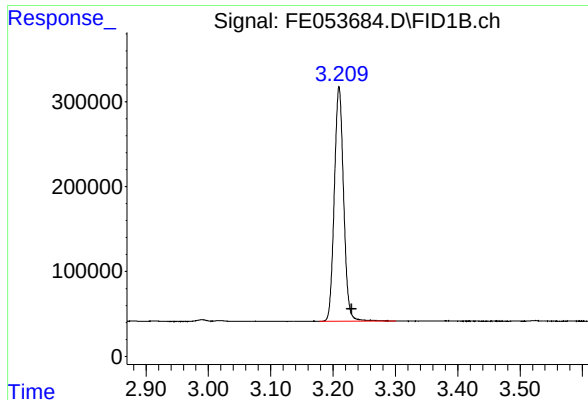
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE050725AL\
Data File : FE053684.D
Signal(s) : FID1B.ch
Acq On : 07 May 2025 09:23
Operator : YP\AJ
Sample : 20 PPM ALIPHATIC HC STD
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
Quant Time: May 07 11:33:12 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 041725.M
Quant Title : GC Extractables
QLast Update : Tue Apr 29 06:49:03 2025
Response via : Initial Calibration
Integrator: ChemStation

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

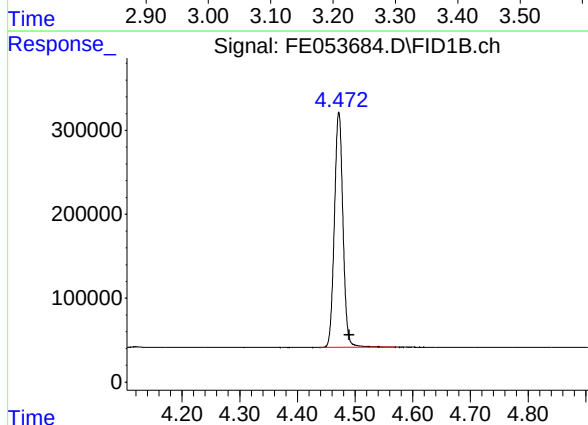




#1 n-Nonane (C9)

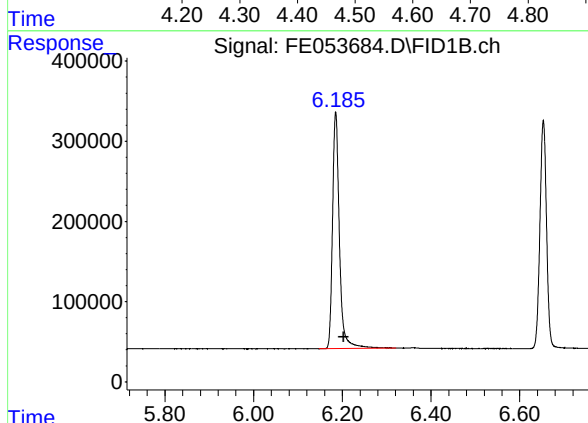
R.T.: 3.210 min
Delta R.T.: -0.020 min
Response: 2860785
Conc: 20.87 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



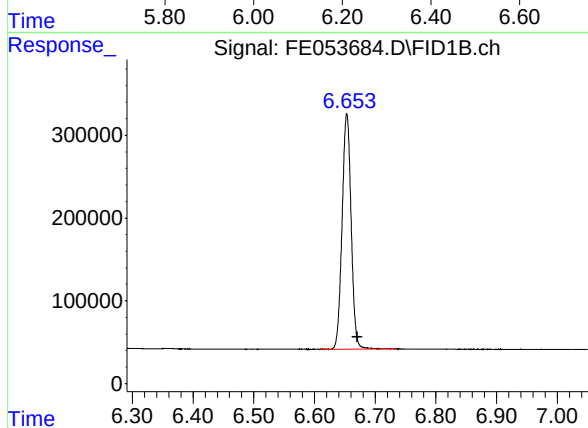
#2 n-Decane (C10)

R.T.: 4.472 min
Delta R.T.: -0.019 min
Response: 2904633
Conc: 21.00 ug/ml



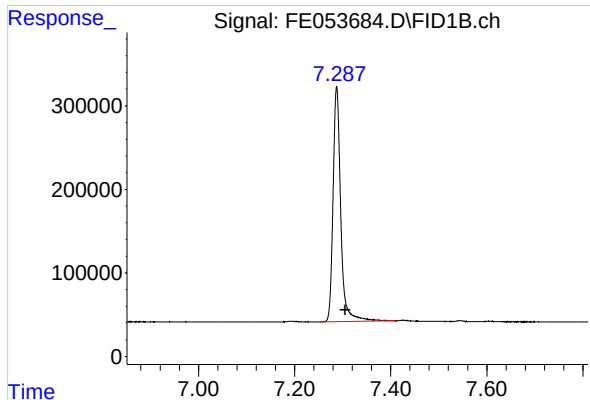
#3 A~Naphthalene (C11.7)

R.T.: 6.185 min
Delta R.T.: -0.018 min
Response: 3178721
Conc: 21.06 ug/ml



#4 n-Dodecane (C12)

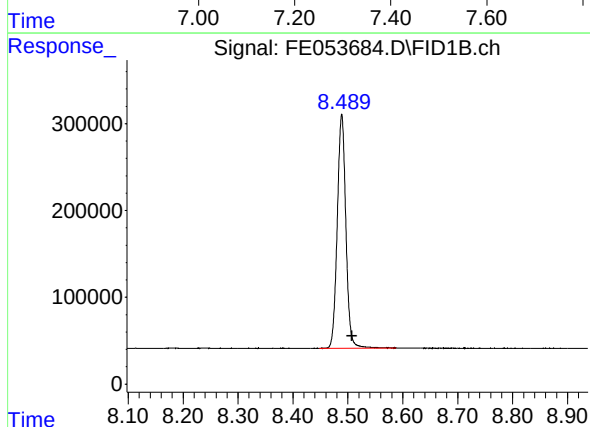
R.T.: 6.653 min
Delta R.T.: -0.017 min
Response: 2945656
Conc: 21.00 ug/ml



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

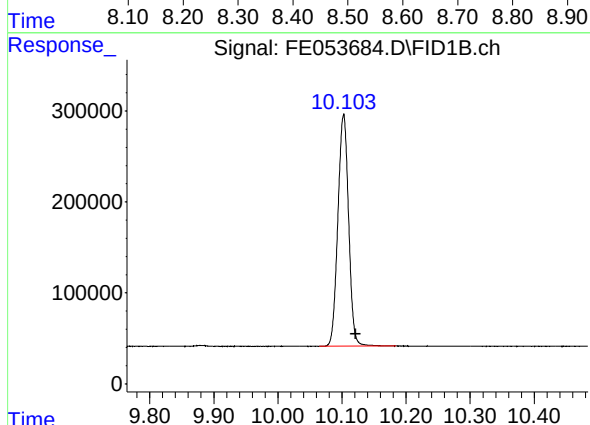
R.T.: 7.288 min
Delta R.T.: -0.018 min
Response: 3130461
Conc: 20.97 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



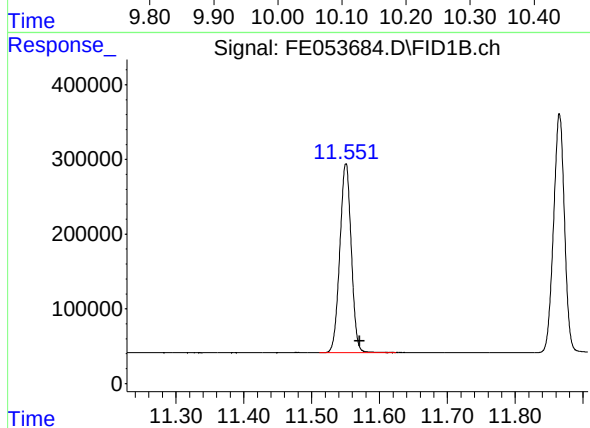
#6 n-Tetradecane (C14)

R.T.: 8.489 min
Delta R.T.: -0.019 min
Response: 2933463
Conc: 20.91 ug/ml



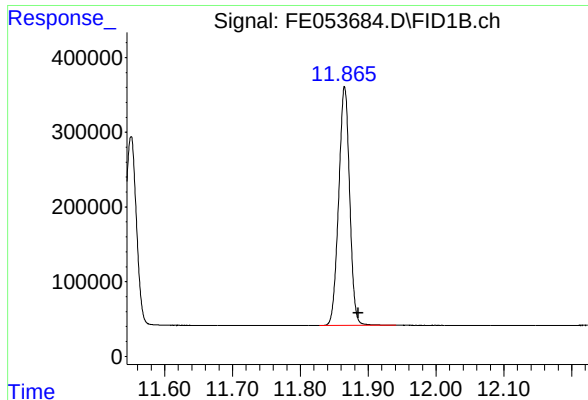
#7 n-Hexadecane (C16)

R.T.: 10.103 min
Delta R.T.: -0.018 min
Response: 2953717
Conc: 20.61 ug/ml



#8 n-Octadecane (C18)

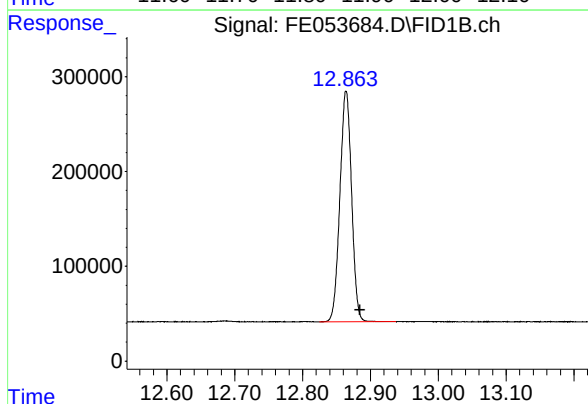
R.T.: 11.550 min
Delta R.T.: -0.020 min
Response: 2962412
Conc: 20.33 ug/ml



#9 ortho-Terphenyl (SURR)

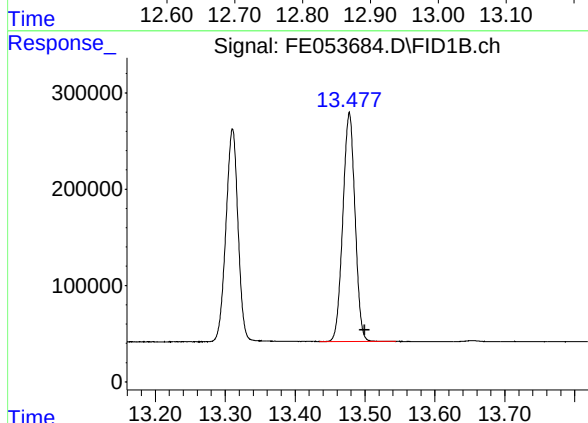
R.T.: 11.865 min
Delta R.T.: -0.021 min
Response: 3590705
Conc: 19.91 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



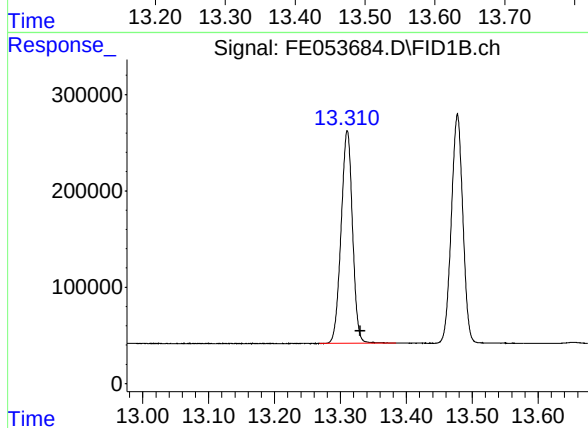
#10 n-Eicosane (C20)

R.T.: 12.864 min
Delta R.T.: -0.021 min
Response: 2911828
Conc: 20.01 ug/ml



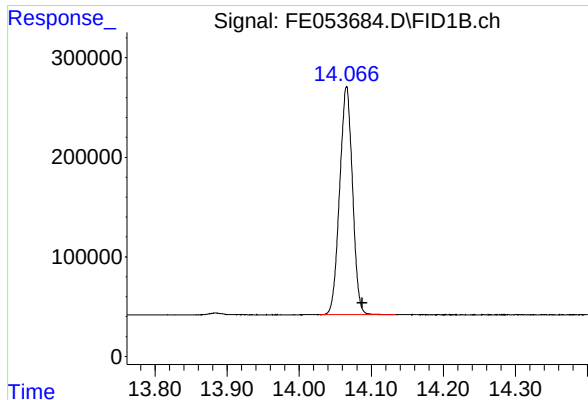
#11 n-Heneicosane (C21)

R.T.: 13.478 min
Delta R.T.: -0.022 min
Response: 2878343
Conc: 19.87 ug/ml



#12 1-chlorooctadecane (SURR)

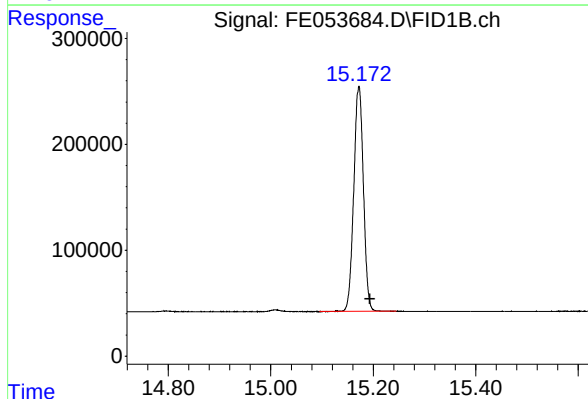
R.T.: 13.310 min
Delta R.T.: -0.020 min
Response: 2658407
Conc: 19.67 ug/ml



#13 n-Docosane (C22)

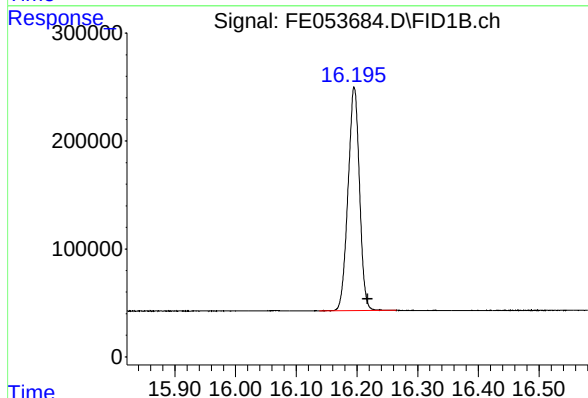
R.T.: 14.066 min
Delta R.T.: -0.022 min
Response: 2841130
Conc: 19.69 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



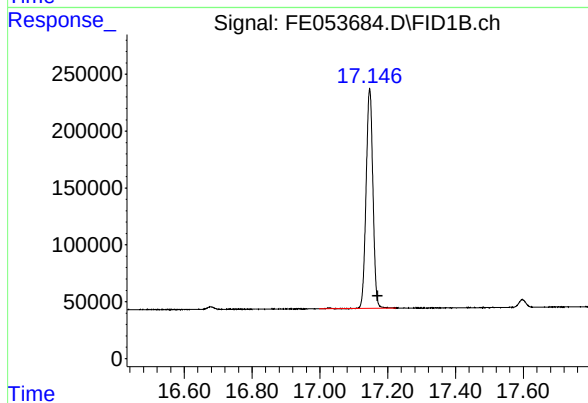
#14 n-Tetracosane (C24)

R.T.: 15.172 min
Delta R.T.: -0.022 min
Response: 2789507
Conc: 19.42 ug/ml



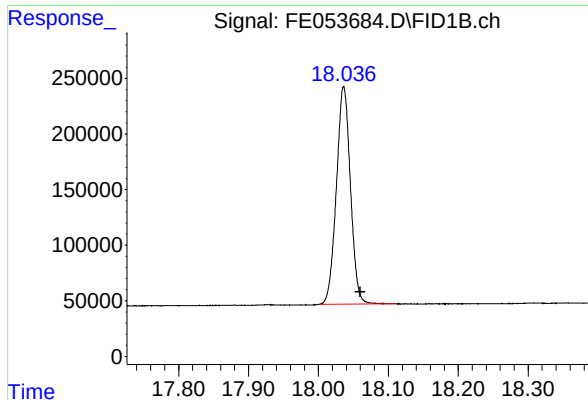
#15 n-Hexacosane (C26)

R.T.: 16.196 min
Delta R.T.: -0.022 min
Response: 2722475
Conc: 19.22 ug/ml



#16 n-Octacosane (C28)

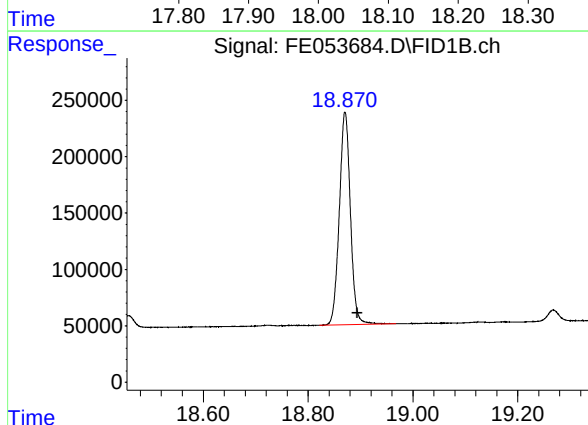
R.T.: 17.147 min
Delta R.T.: -0.023 min
Response: 2687189
Conc: 19.31 ug/ml



#17 n-Tricontane (C30)

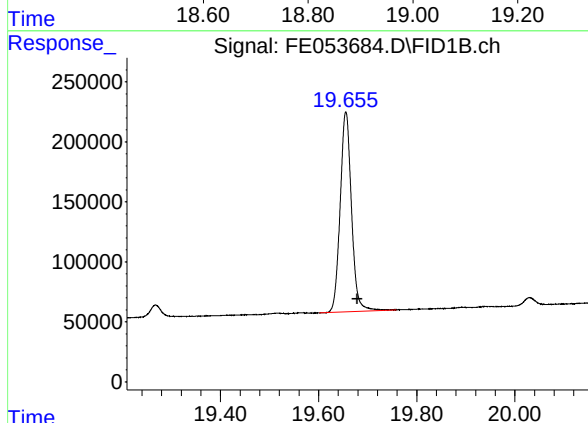
R.T.: 18.036 min
Delta R.T.: -0.024 min
Response: 2737156
Conc: 19.66 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



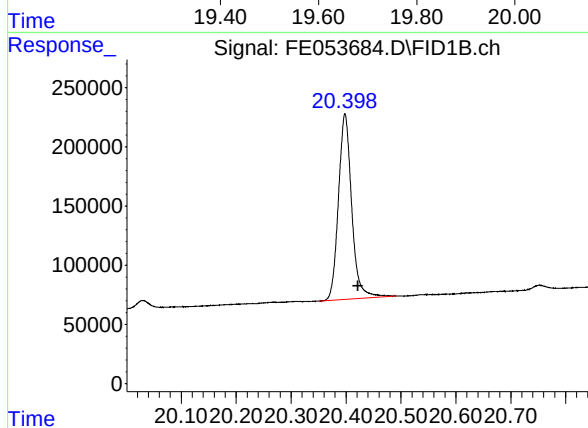
#18 n-Dotriacontane (C32)

R.T.: 18.871 min
Delta R.T.: -0.023 min
Response: 2772480
Conc: 20.19 ug/ml



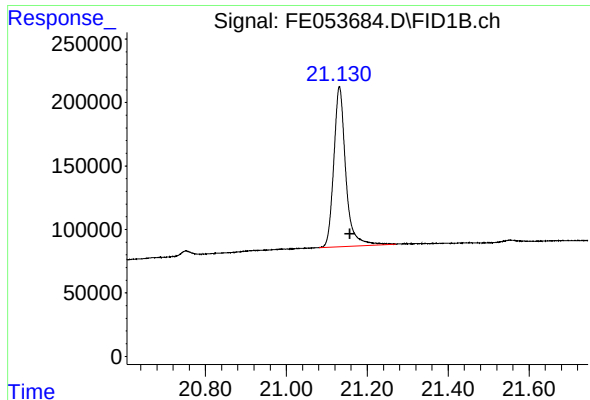
#19 n-Tetatriacontane (C34)

R.T.: 19.656 min
Delta R.T.: -0.024 min
Response: 2666081
Conc: 20.46 ug/ml



#20 n-Hexatriacontane (C36)

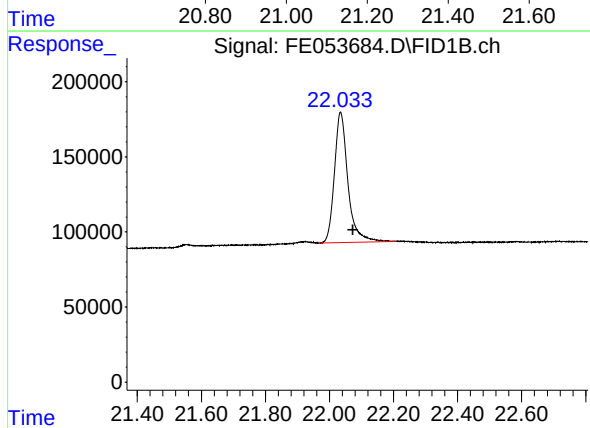
R.T.: 20.398 min
Delta R.T.: -0.024 min
Response: 2620683
Conc: 20.76 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.131 min
Delta R.T.: -0.027 min
Response: 2585827
Conc: 21.22 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 22.035 min
Delta R.T.: -0.039 min
Response: 2537672
Conc: 21.25 ug/ml