

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE053023AL\
 Data File : FE042297.D
 Signal(s) : FID1B.ch
 Acq On : 31 May 2023 00:34
 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 signal 1: autoint1.e
 Integration File signal 2: events2.e
 Integration File signal 3: events3.e
 Quant Time: May 31 01:54:48 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)	11.954	3429915	19.424 ug/ml
Spiked Amount 50.000		Recovery =	38.85%
12) S 1-chlorooctadecane (S...	13.390	2513906	18.919 ug/ml
Spiked Amount 50.000		Recovery =	37.84%
Target Compounds			
1) T n-Nonane (C9)	3.338	2850212	19.766 ug/ml
2) T n-Decane (C10)	4.589	2937898	19.846 ug/ml
3) T A~Naphthalene (C11.7)	6.295	3211293	19.682 ug/ml
4) T n-Dodecane (C12)	6.756	2977355	19.855 ug/ml
5) T A~2-methylnaphthalene...	7.392	3085841	19.444 ug/ml
6) T n-Tetradecane (C14)	8.585	2946909	19.671 ug/ml
7) T n-Hexadecane (C16)	10.192	3048140	19.568 ug/ml
8) T n-Octadecane (C18)	11.635	3069728	19.412 ug/ml
10) T n-Eicosane (C20)	12.944	2928952	19.322 ug/ml
11) T n-Heneicosane (C21)	13.556	2854033	19.264 ug/ml
13) T n-Docosane (C22)	14.143	2819575	19.233 ug/ml
14) T n-Tetracosane (C24)	15.246	2757257	19.100 ug/ml
15) T n-Hexacosane (C26)	16.266	2686959	19.401 ug/ml
16) T n-Octacosane (C28)	17.217	2647815	19.777 ug/ml
17) T n-Tricontane (C30)	18.103	2796713	20.718 ug/ml
18) T n-Dotriacontane (C32)	18.936	2786191	20.856 ug/ml
19) T n-Tetratriacontane (C34)	19.719	2628650	19.988 ug/ml
20) T n-Hexatriacontane (C36)	20.459	2500382	19.238 ug/ml
21) T n-Octatriacontane (C38)	21.207	2485600	18.321 ug/ml
22) T n-Tetracontane (C40)	22.138	2511310	18.052 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE053023AL\
Data File : FE042297.D
Signal(s) : FID1B.ch
Acq On : 31 May 2023 00:34
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 signal 1: autoint1.e

Integration File signal 2: events2.e

Integration File signal 3: events3.e

Quant Time: May 31 01:54:48 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

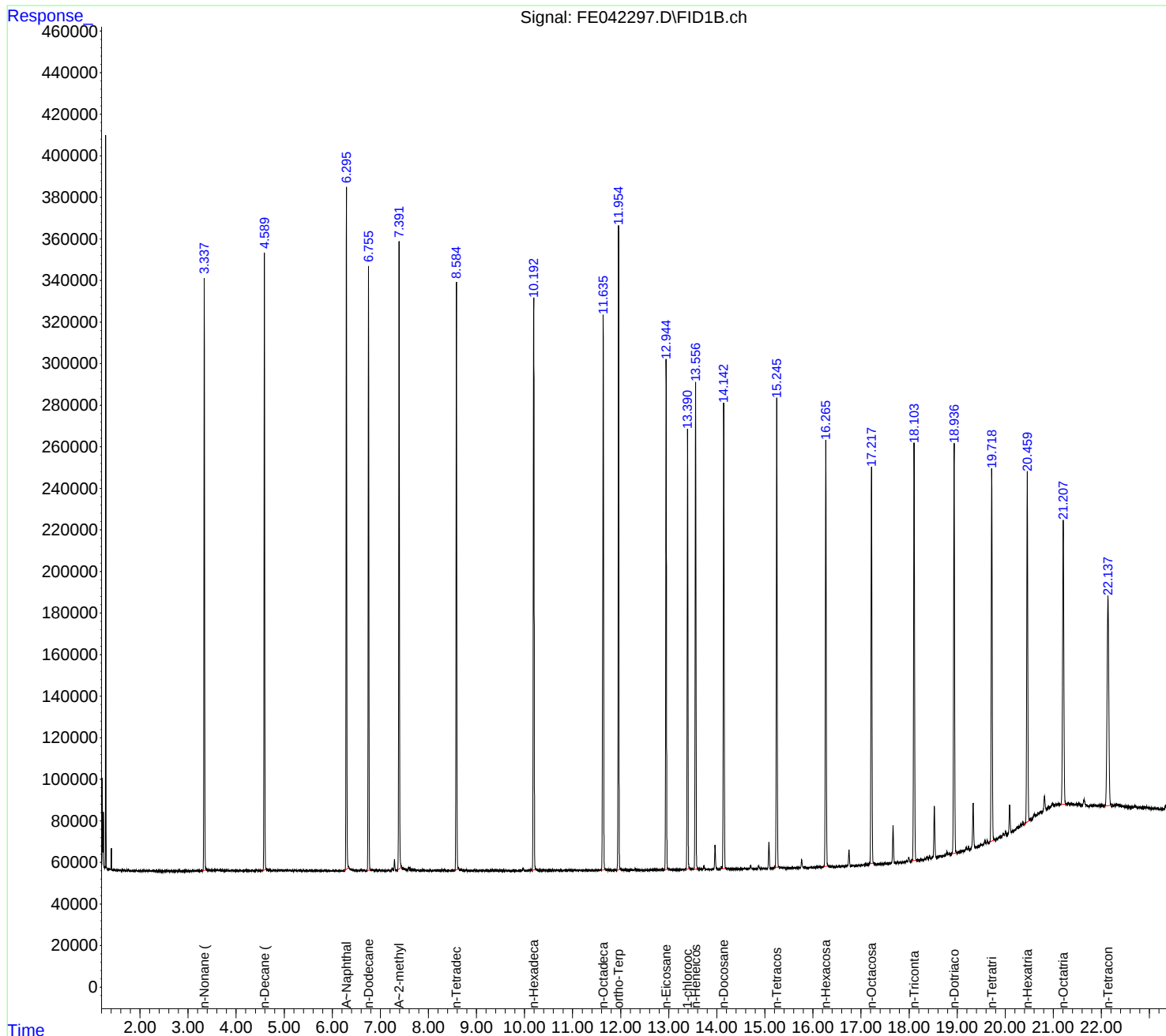
Response via : Initial Calibration

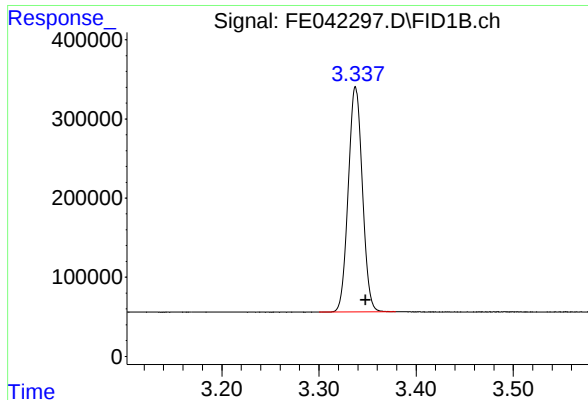
Integrator: ChemStation

Volume Inj. : 1 ul

Signal Phase : Rxi-1ms

Signal Info : 20M x 0.18mm x 0.18um

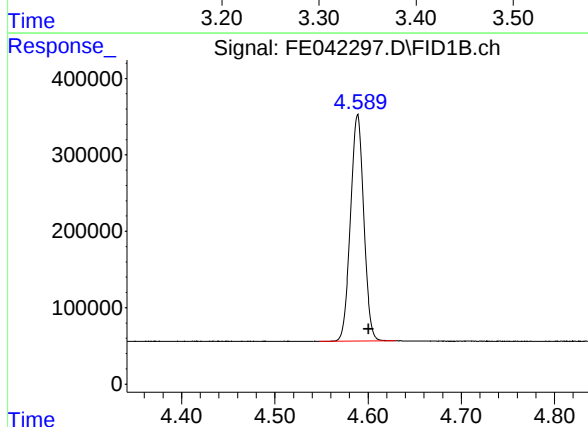




#1 n-Nonane (C9)

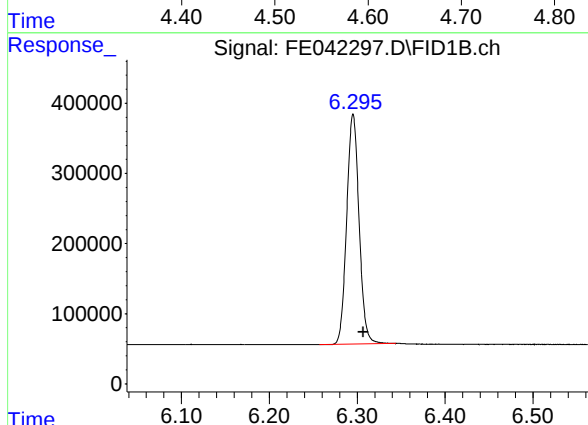
R.T.: 3.338 min
Delta R.T.: -0.010 min
Response: 2850212
Conc: 19.77 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



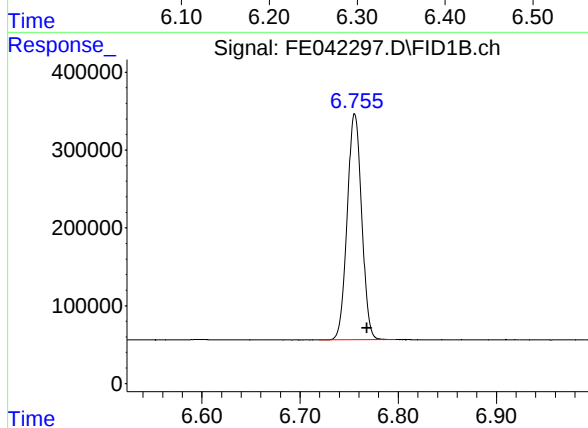
#2 n-Decane (C10)

R.T.: 4.589 min
Delta R.T.: -0.012 min
Response: 2937898
Conc: 19.85 ug/ml



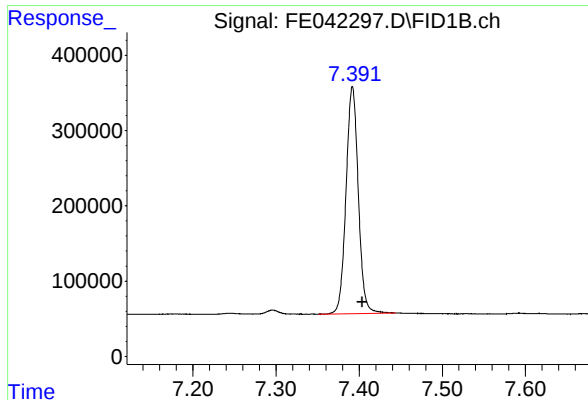
#3 A~Naphthalene (C11.7)

R.T.: 6.295 min
Delta R.T.: -0.011 min
Response: 3211293
Conc: 19.68 ug/ml



#4 n-Dodecane (C12)

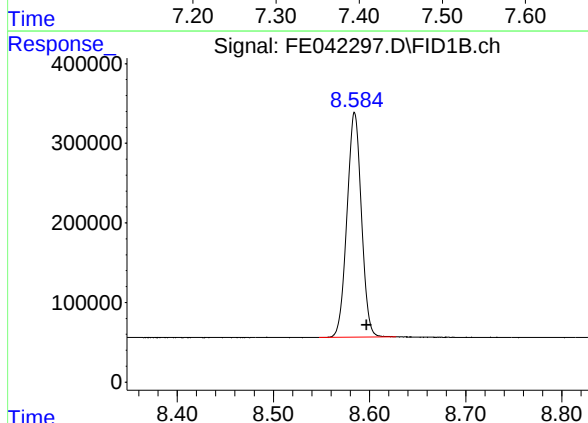
R.T.: 6.756 min
Delta R.T.: -0.013 min
Response: 2977355
Conc: 19.86 ug/ml



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

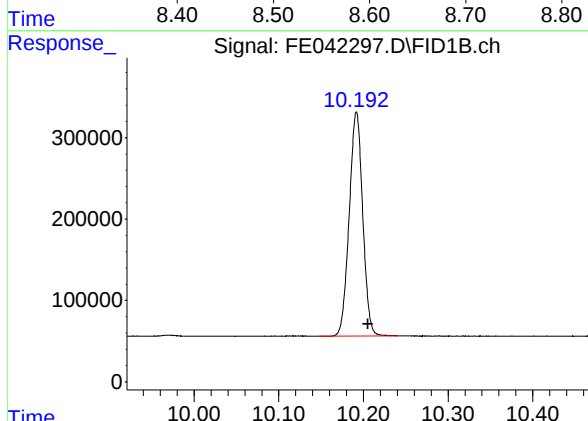
R.T.: 7.392 min
Delta R.T.: -0.012 min
Response: 3085841
Conc: 19.44 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



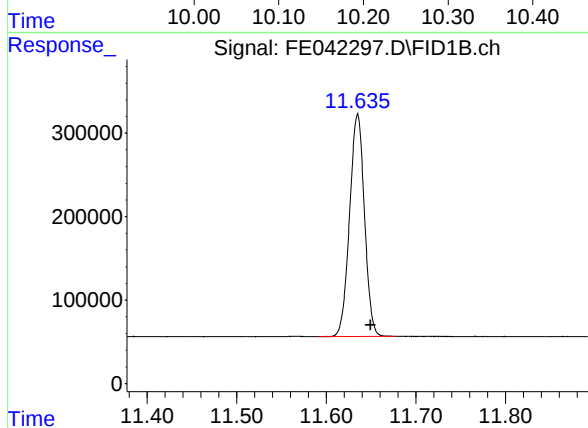
#6 n-Tetradecane (C14)

R.T.: 8.585 min
Delta R.T.: -0.013 min
Response: 2946909
Conc: 19.67 ug/ml



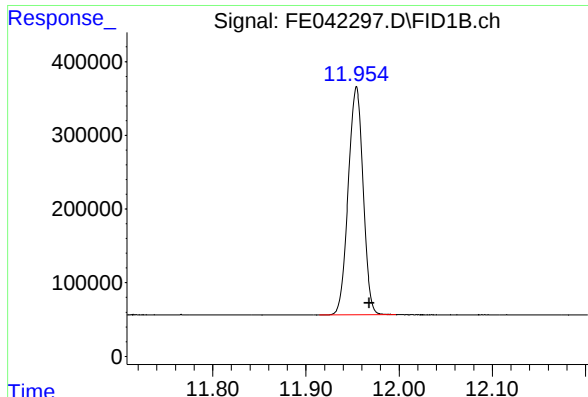
#7 n-Hexadecane (C16)

R.T.: 10.192 min
Delta R.T.: -0.013 min
Response: 3048140
Conc: 19.57 ug/ml



#8 n-Octadecane (C18)

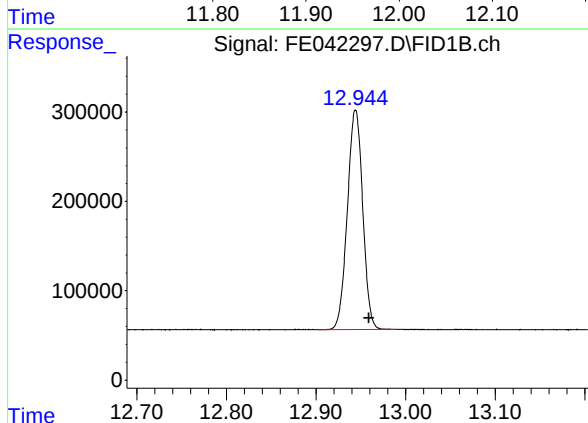
R.T.: 11.635 min
Delta R.T.: -0.014 min
Response: 3069728
Conc: 19.41 ug/ml



#9 ortho-Terphenyl (SURR)

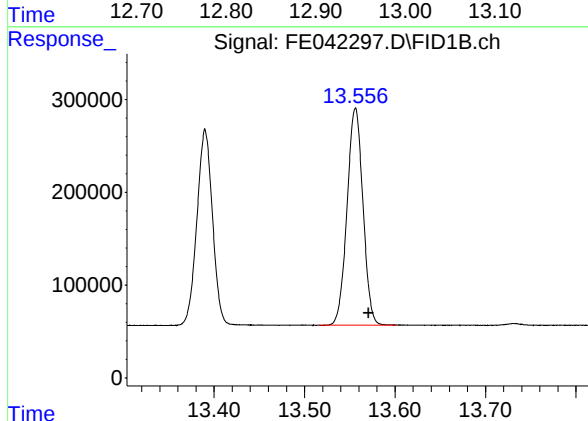
R.T.: 11.954 min
Delta R.T.: -0.014 min
Response: 3429915
Conc: 19.42 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



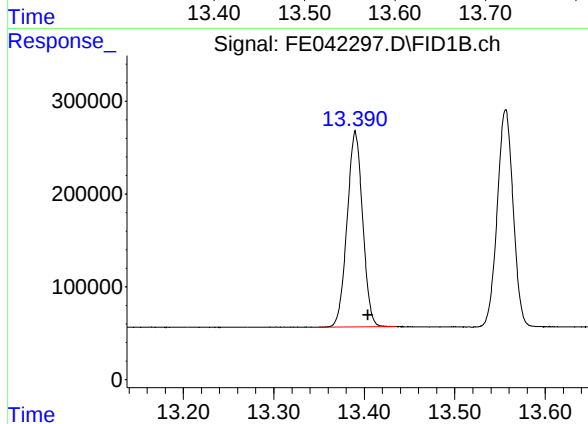
#10 n-Eicosane (C20)

R.T.: 12.944 min
Delta R.T.: -0.015 min
Response: 2928952
Conc: 19.32 ug/ml



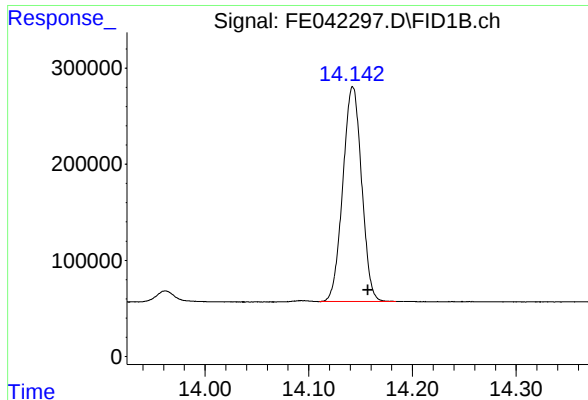
#11 n-Heneicosane (C21)

R.T.: 13.556 min
Delta R.T.: -0.015 min
Response: 2854033
Conc: 19.26 ug/ml



#12 1-chlorooctadecane (SURR)

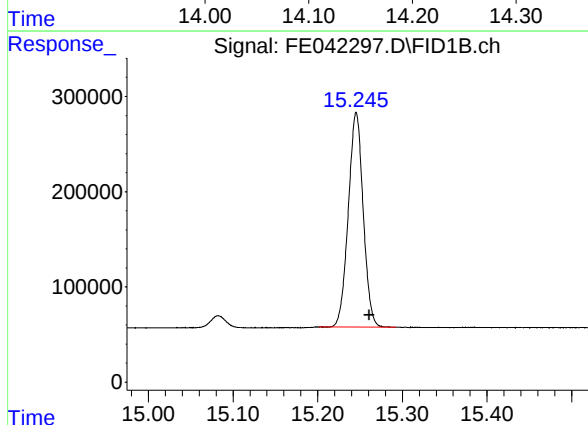
R.T.: 13.390 min
Delta R.T.: -0.014 min
Response: 2513906
Conc: 18.92 ug/ml



#13 n-Docosane (C22)

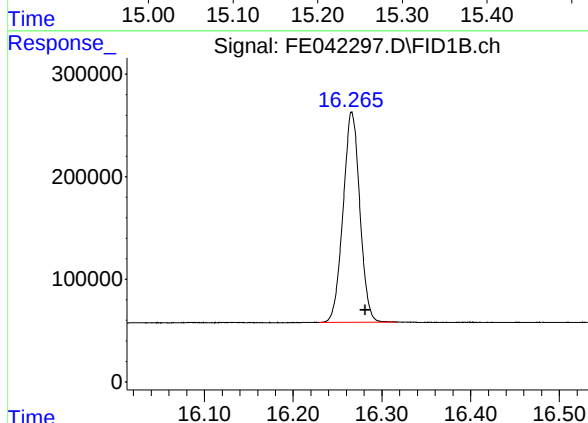
R.T.: 14.143 min
Delta R.T.: -0.015 min
Response: 2819575
Conc: 19.23 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



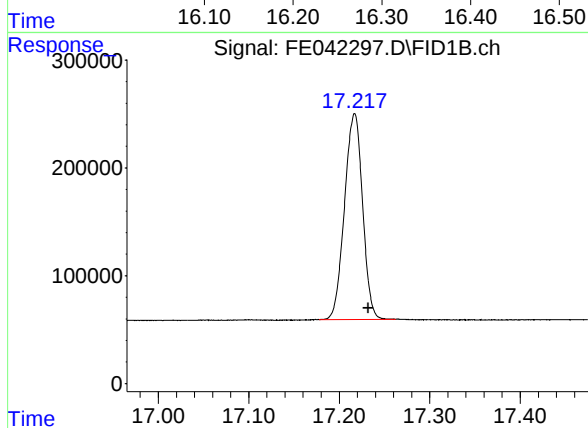
#14 n-Tetracosane (C24)

R.T.: 15.246 min
Delta R.T.: -0.015 min
Response: 2757257
Conc: 19.10 ug/ml



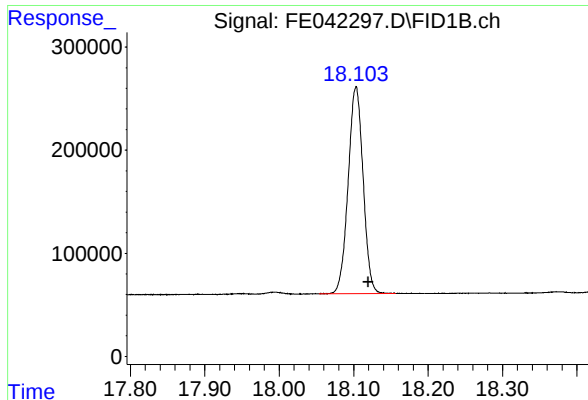
#15 n-Hexacosane (C26)

R.T.: 16.266 min
Delta R.T.: -0.015 min
Response: 2686959
Conc: 19.40 ug/ml



#16 n-Octacosane (C28)

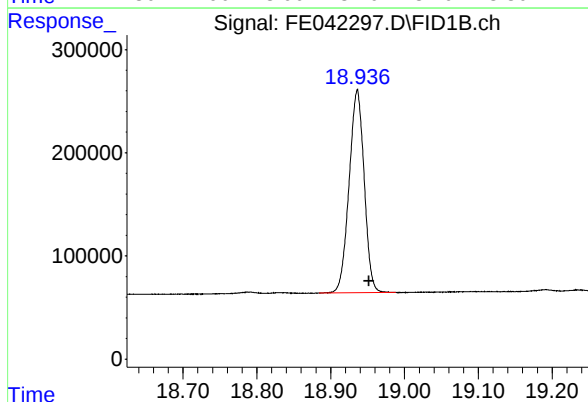
R.T.: 17.217 min
Delta R.T.: -0.015 min
Response: 2647815
Conc: 19.78 ug/ml



#17 n-Tricontane (C30)

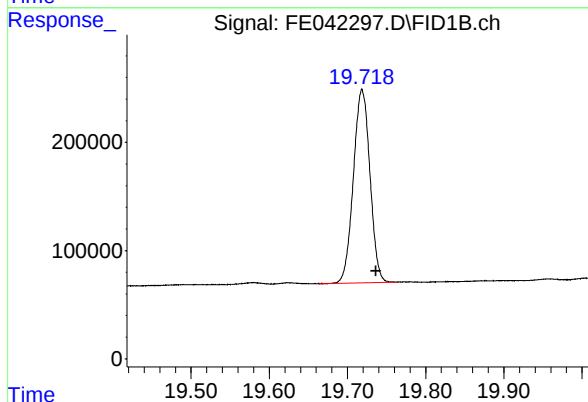
R.T.: 18.103 min
Delta R.T.: -0.017 min
Response: 2796713
Conc: 20.72 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



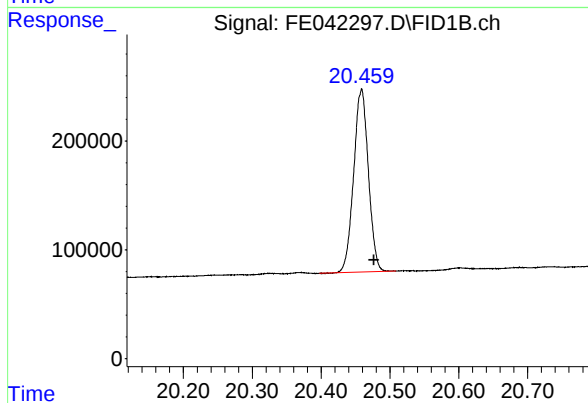
#18 n-Dotriacontane (C32)

R.T.: 18.936 min
Delta R.T.: -0.016 min
Response: 2786191
Conc: 20.86 ug/ml



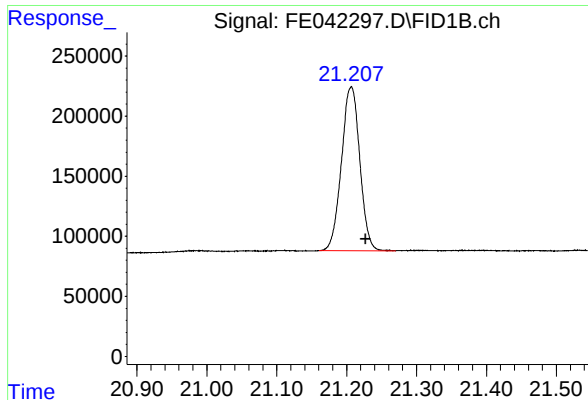
#19 n-Tetatriacontane (C34)

R.T.: 19.719 min
Delta R.T.: -0.018 min
Response: 2628650
Conc: 19.99 ug/ml



#20 n-Hexatriacontane (C36)

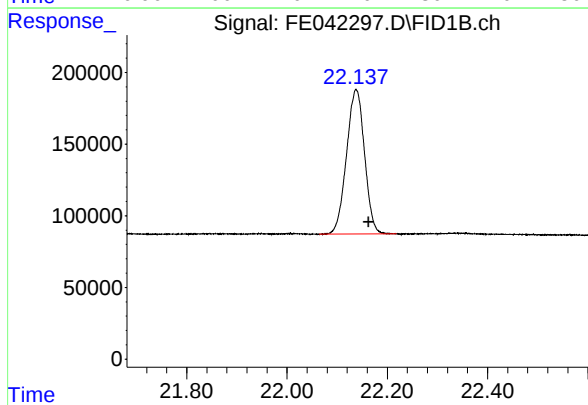
R.T.: 20.459 min
Delta R.T.: -0.018 min
Response: 2500382
Conc: 19.24 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.207 min
Delta R.T.: -0.021 min
Response: 2485600
Conc: 18.32 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 22.138 min
Delta R.T.: -0.025 min
Response: 2511310
Conc: 18.05 ug/ml