

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE052123AL\
 Data File : FE042094.D
 Signal(s) : FID1B.ch
 Acq On : 21 May 2023 08:26
 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 21 08:51:01 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)	11.962	3910193	22.144 ug/ml
Spiked Amount 50.000		Recovery =	44.29%
12) S 1-chlorooctadecane (S...	13.398	2928656	22.040 ug/ml
Spiked Amount 50.000		Recovery =	44.08%
Target Compounds			
1) T n-Nonane (C9)	3.343	3065947	21.262 ug/ml
2) T n-Decane (C10)	4.594	3125020	21.110 ug/ml
3) T A~Naphthalene (C11.7)	6.301	3458918	21.200 ug/ml
4) T n-Dodecane (C12)	6.762	3165113	21.107 ug/ml
5) T A~2-methylnaphthalene...	7.398	3353924	21.133 ug/ml
6) T n-Tetradecane (C14)	8.591	3162094	21.108 ug/ml
7) T n-Hexadecane (C16)	10.198	3327038	21.359 ug/ml
8) T n-Octadecane (C18)	11.642	3420493	21.630 ug/ml
10) T n-Eicosane (C20)	12.952	3333021	21.988 ug/ml
11) T n-Heneicosane (C21)	13.564	3293534	22.231 ug/ml
13) T n-Docosane (C22)	14.151	3277752	22.359 ug/ml
14) T n-Tetracosane (C24)	15.254	3263841	22.610 ug/ml
15) T n-Hexacosane (C26)	16.275	3170443	22.892 ug/ml
16) T n-Octacosane (C28)	17.226	3060159	22.857 ug/ml
17) T n-Tricontane (C30)	18.112	3062302	22.685 ug/ml
18) T n-Dotriacontane (C32)	18.944	2939556	22.004 ug/ml
19) T n-Tetratriacontane (C34)	19.728	2755045	20.949 ug/ml
20) T n-Hexatriacontane (C36)	20.467	2563556	19.724 ug/ml
21) T n-Octatriacontane (C38)	21.218	2519991	18.574 ug/ml
22) T n-Tetracontane (C40)	22.149	2521015	18.121 ug/ml

(f)=RT Delta > 1/2 Window

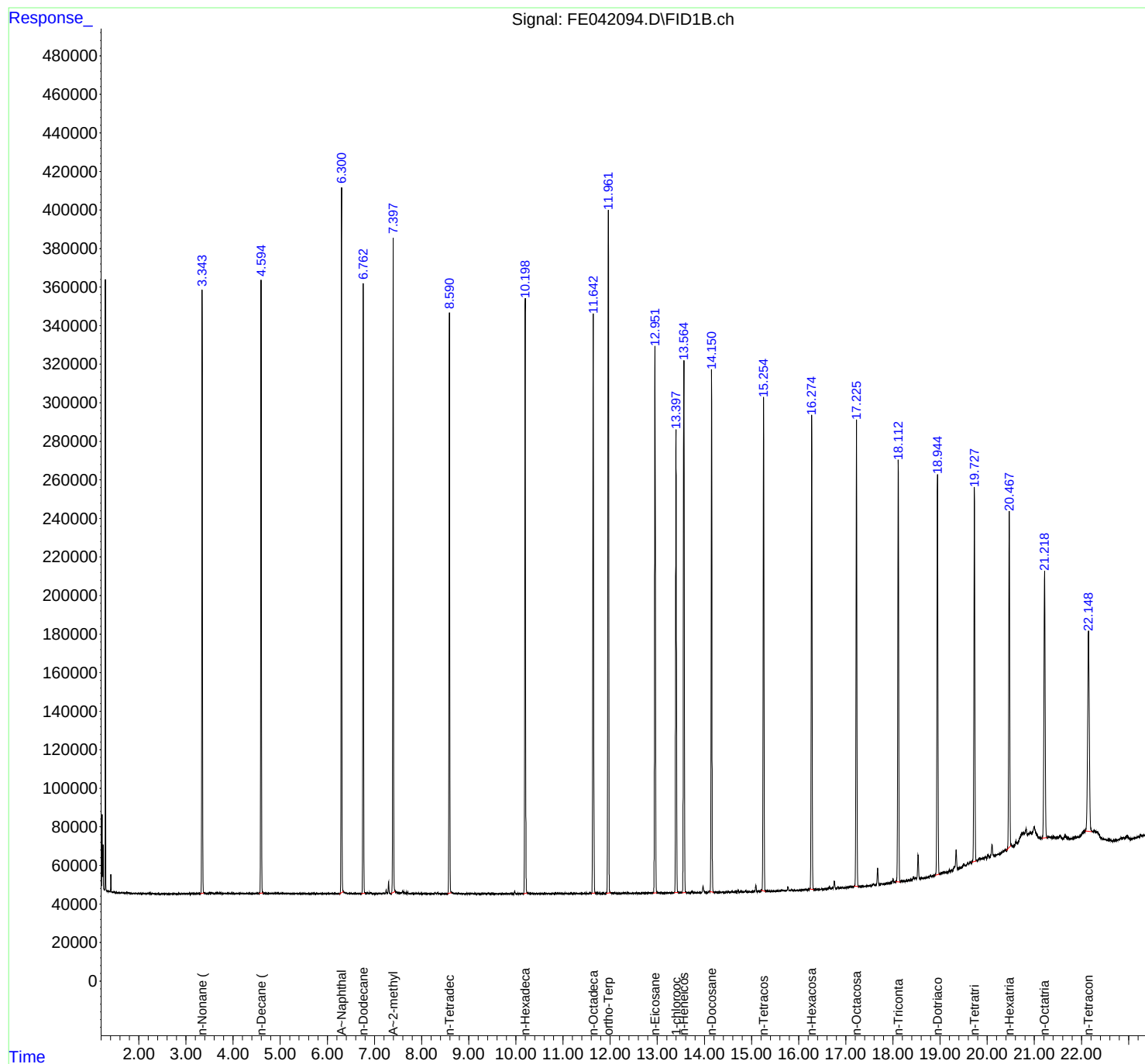
(m)=manual int.

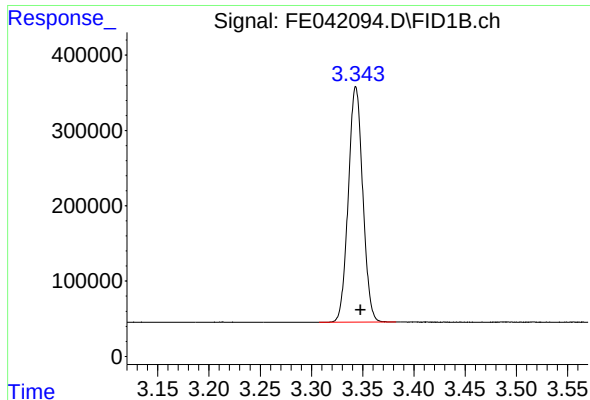
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE052123AL\
Data File : FE042094.D
Signal(s) : FID1B.ch
Acq On : 21 May 2023 08:26
Operator : YP\AJ
Sample : 20 PPM ALIPHATIC HC STD
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
Quant Time: May 21 08:51:01 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

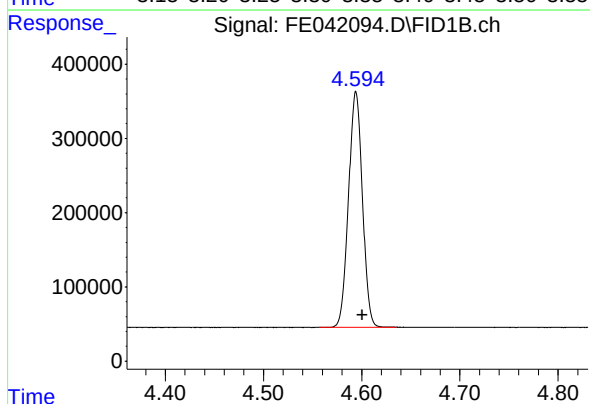




#1 n-Nonane (C9)

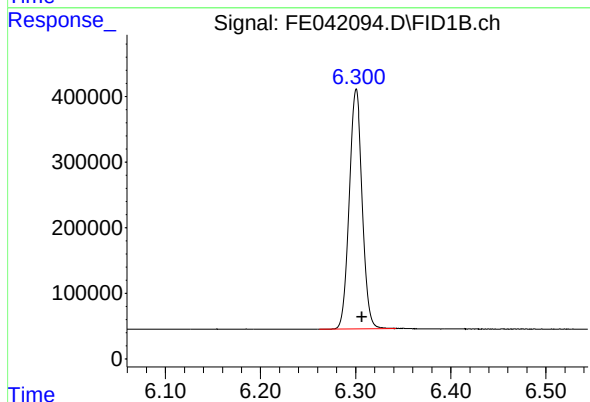
R.T.: 3.343 min
Delta R.T.: -0.005 min
Response: 3065947
Conc: 21.26 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



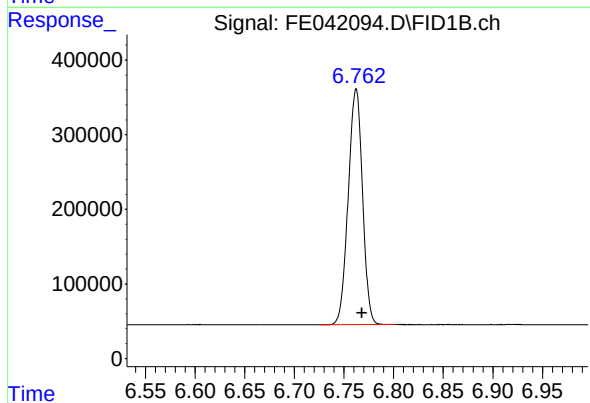
#2 n-Decane (C10)

R.T.: 4.594 min
Delta R.T.: -0.006 min
Response: 3125020
Conc: 21.11 ug/ml



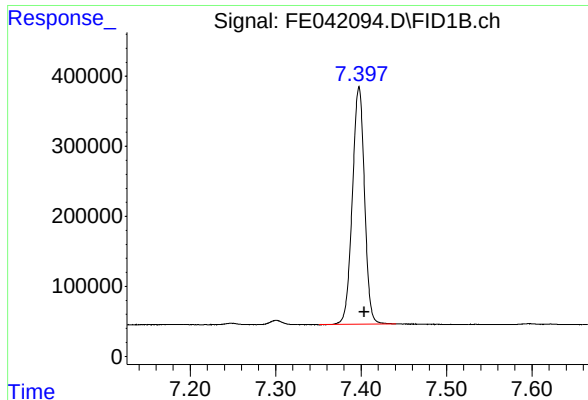
#3 A~Naphthalene (C11.7)

R.T.: 6.301 min
Delta R.T.: -0.006 min
Response: 3458918
Conc: 21.20 ug/ml



#4 n-Dodecane (C12)

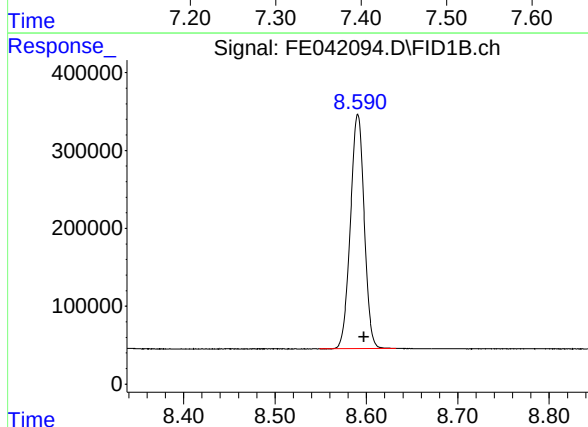
R.T.: 6.762 min
Delta R.T.: -0.006 min
Response: 3165113
Conc: 21.11 ug/ml



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

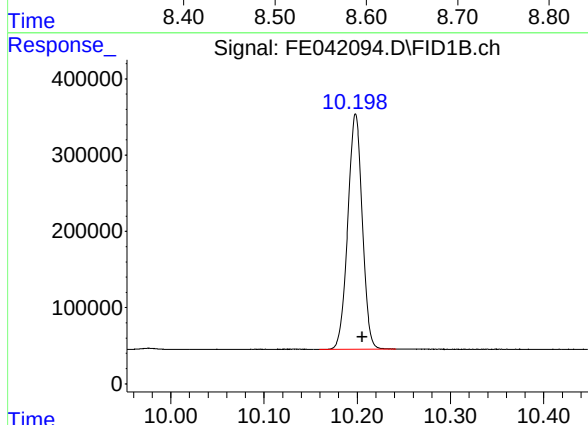
R.T.: 7.398 min
Delta R.T.: -0.006 min
Response: 3353924
Conc: 21.13 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



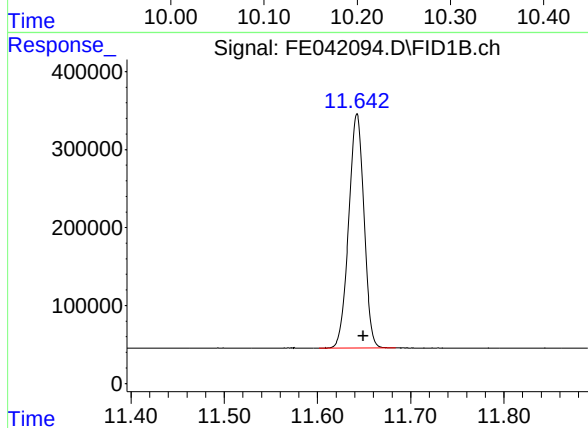
#6 n-Tetradecane (C14)

R.T.: 8.591 min
Delta R.T.: -0.007 min
Response: 3162094
Conc: 21.11 ug/ml



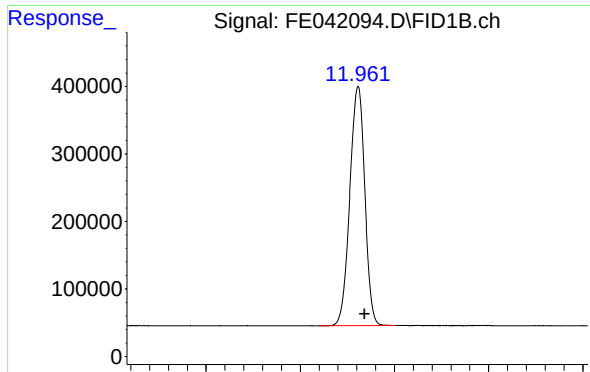
#7 n-Hexadecane (C16)

R.T.: 10.198 min
Delta R.T.: -0.007 min
Response: 3327038
Conc: 21.36 ug/ml



#8 n-Octadecane (C18)

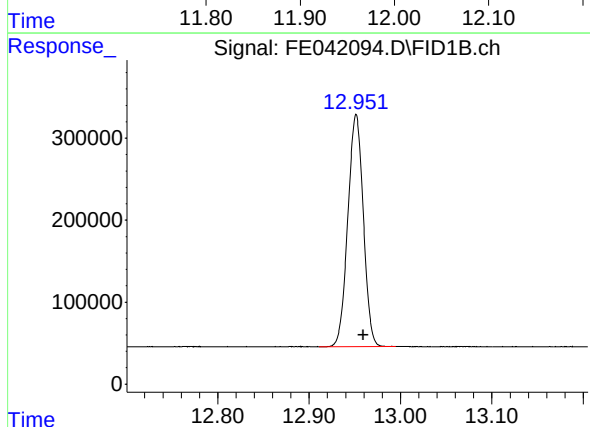
R.T.: 11.642 min
Delta R.T.: -0.007 min
Response: 3420493
Conc: 21.63 ug/ml



#9 ortho-Terphenyl (SURR)

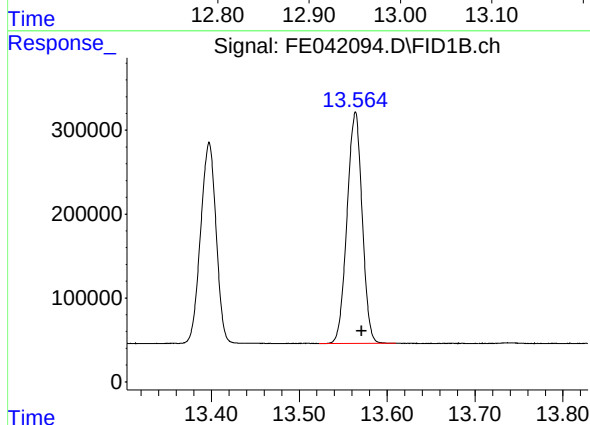
R.T.: 11.962 min
Delta R.T.: -0.007 min
Response: 3910193
Conc: 22.14 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



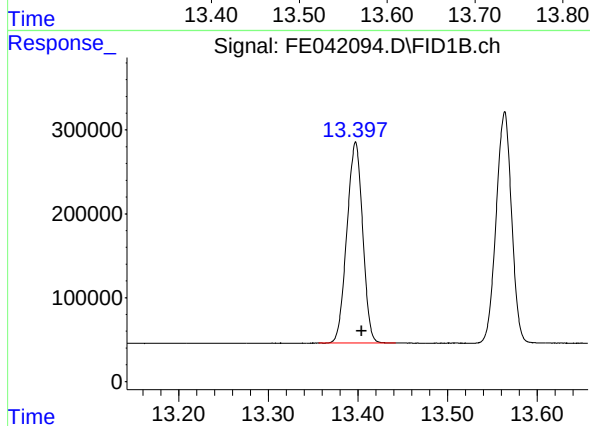
#10 n-Eicosane (C20)

R.T.: 12.952 min
Delta R.T.: -0.008 min
Response: 3333021
Conc: 21.99 ug/ml



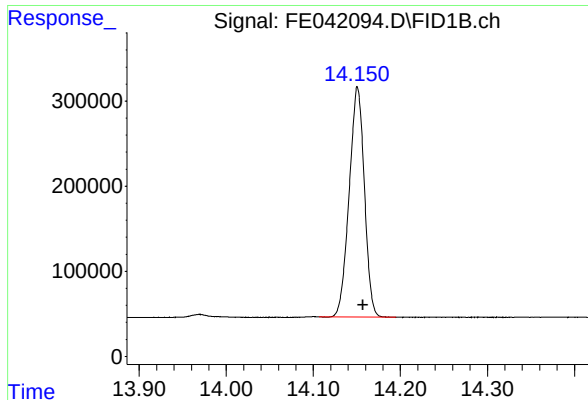
#11 n-Heneicosane (C21)

R.T.: 13.564 min
Delta R.T.: -0.007 min
Response: 3293534
Conc: 22.23 ug/ml



#12 1-chlorooctadecane (SURR)

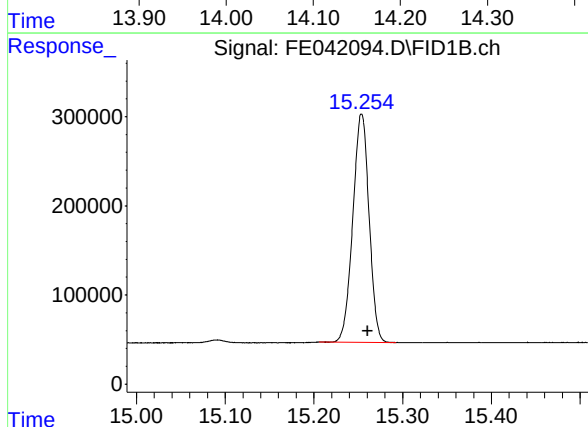
R.T.: 13.398 min
Delta R.T.: -0.007 min
Response: 2928656
Conc: 22.04 ug/ml



#13 n-Docosane (C22)

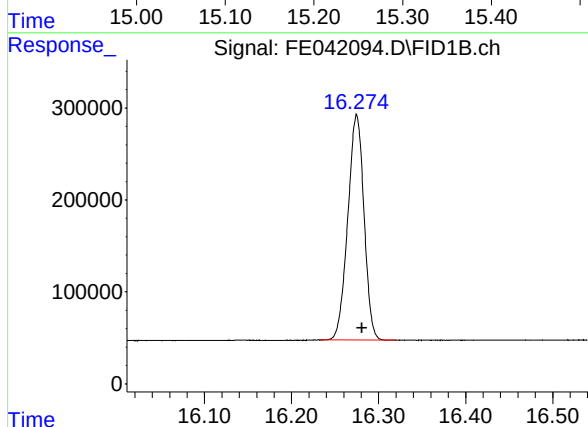
R.T.: 14.151 min
Delta R.T.: -0.006 min
Response: 3277752
Conc: 22.36 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



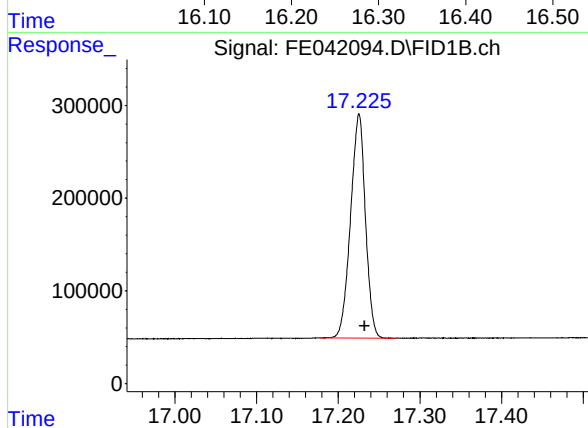
#14 n-Tetracosane (C24)

R.T.: 15.254 min
Delta R.T.: -0.007 min
Response: 3263841
Conc: 22.61 ug/ml



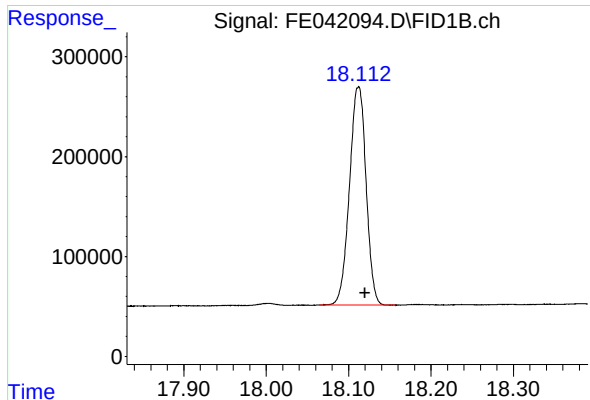
#15 n-Hexacosane (C26)

R.T.: 16.275 min
Delta R.T.: -0.006 min
Response: 3170443
Conc: 22.89 ug/ml



#16 n-Octacosane (C28)

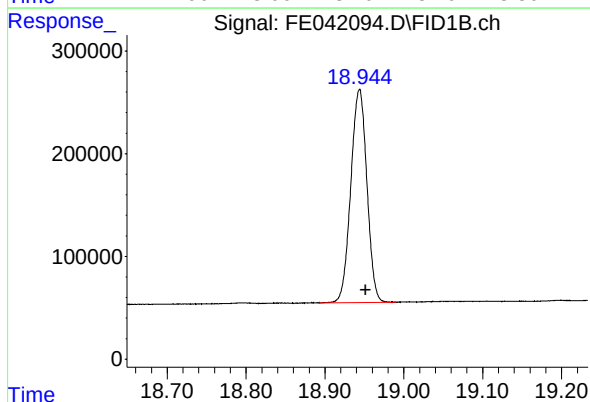
R.T.: 17.226 min
Delta R.T.: -0.007 min
Response: 3060159
Conc: 22.86 ug/ml



#17 n-Tricontane (C30)

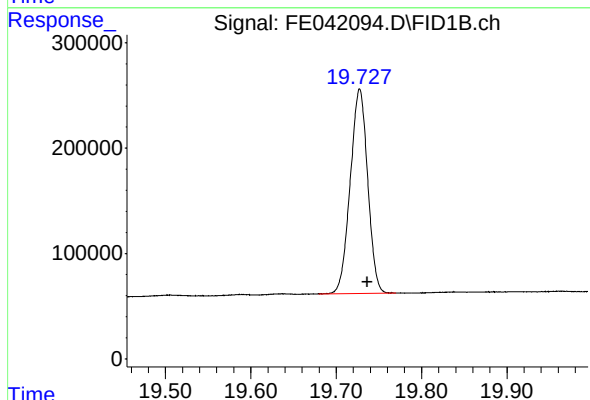
R.T.: 18.112 min
Delta R.T.: -0.008 min
Response: 3062302
Conc: 22.69 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



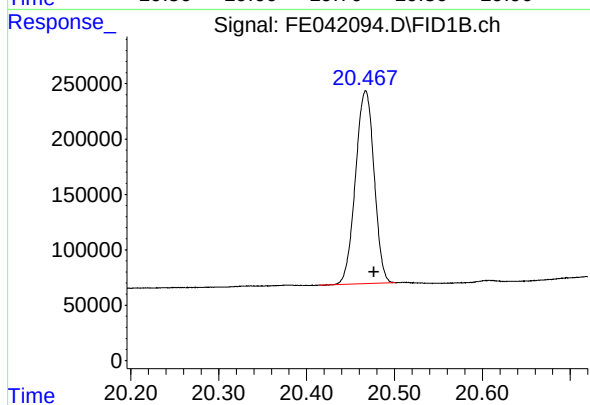
#18 n-Dotriacontane (C32)

R.T.: 18.944 min
Delta R.T.: -0.008 min
Response: 2939556
Conc: 22.00 ug/ml



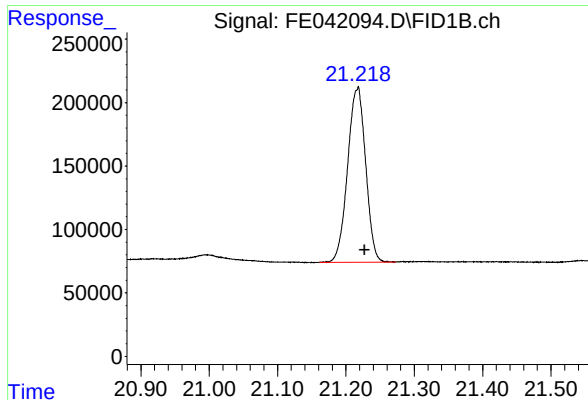
#19 n-Tetratriacontane (C34)

R.T.: 19.728 min
Delta R.T.: -0.009 min
Response: 2755045
Conc: 20.95 ug/ml



#20 n-Hexatriacontane (C36)

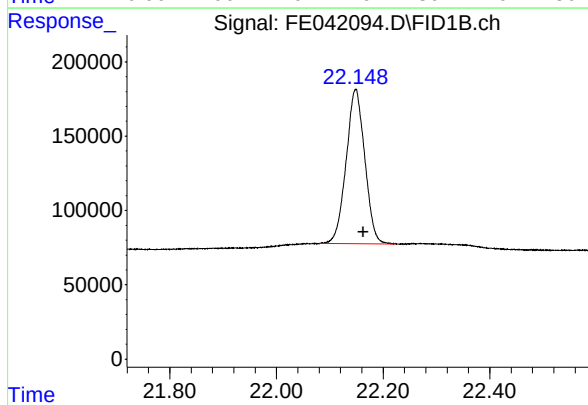
R.T.: 20.467 min
Delta R.T.: -0.010 min
Response: 2563556
Conc: 19.72 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.218 min
Delta R.T.: -0.010 min
Response: 2519991
Conc: 18.57 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 22.149 min
Delta R.T.: -0.014 min
Response: 2521015
Conc: 18.12 ug/ml