

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE092523AL\
 Data File : FE044416.D
 Signal(s) : FID1B.ch
 Acq On : 25 Sep 2023 09:09
 Operator : YP\AJ
 Sample : 50 PPM ALIPHATIC HC STD2
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 50 PPM ALIPHATIC HC STD2

Integration File: autoint1.e
 Quant Time: Sep 25 10:14:55 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 092523.M
 Quant Title : GC Extractables
 QLast Update : Mon Sep 25 10:14:46 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)	11.930	8762262	47.413 ug/ml
Spiked Amount 50.000		Recovery =	94.83%
12) S 1-chlorooctadecane (S...	13.368	6377974	47.472 ug/ml
Spiked Amount 50.000		Recovery =	94.94%
Target Compounds			
1) T n-Nonane (C9)	3.316	7520803	47.157 ug/ml
2) T n-Decane (C10)	4.567	7697687	47.245 ug/ml
3) T A~Naphthalene (C11.7)	6.269	8387357	47.559 ug/ml
4) T n-Dodecane (C12)	6.731	7759398	47.426 ug/ml
5) T A~2-methylnaphthalene...	7.365	8042616	47.348 ug/ml
6) T n-Tetradecane (C14)	8.558	7656061	47.412 ug/ml
7) T n-Hexadecane (C16)	10.168	7882482	47.378 ug/ml
8) T n-Octadecane (C18)	11.613	7888646	47.338 ug/ml
10) T n-Eicosane (C20)	12.923	7478891	47.363 ug/ml
11) T n-Heneicosane (C21)	13.535	7292580	47.400 ug/ml
13) T n-Docosane (C22)	14.122	7197723	47.491 ug/ml
14) T n-Tetracosane (C24)	15.226	7038506	47.472 ug/ml
15) T n-Hexacosane (C26)	16.250	6826027	47.472 ug/ml
16) T n-Octacosane (C28)	17.201	6630018	47.438 ug/ml
17) T n-Tricontane (C30)	18.088	6721086	47.210 ug/ml
18) T n-Dotriacontane (C32)	18.923	6650294	46.995 ug/ml
19) T n-Tetratriacontane (C34)	19.708	6656128	47.219 ug/ml
20) T n-Hexatriacontane (C36)	20.450	6692889	47.455 ug/ml
21) T n-Octatriacontane (C38)	21.195	7415940	51.789 ug/ml
22) T n-Tetracontane (C40)	22.118	7833013	49.884 ug/ml

(f)=RT Delta > 1/2 Window

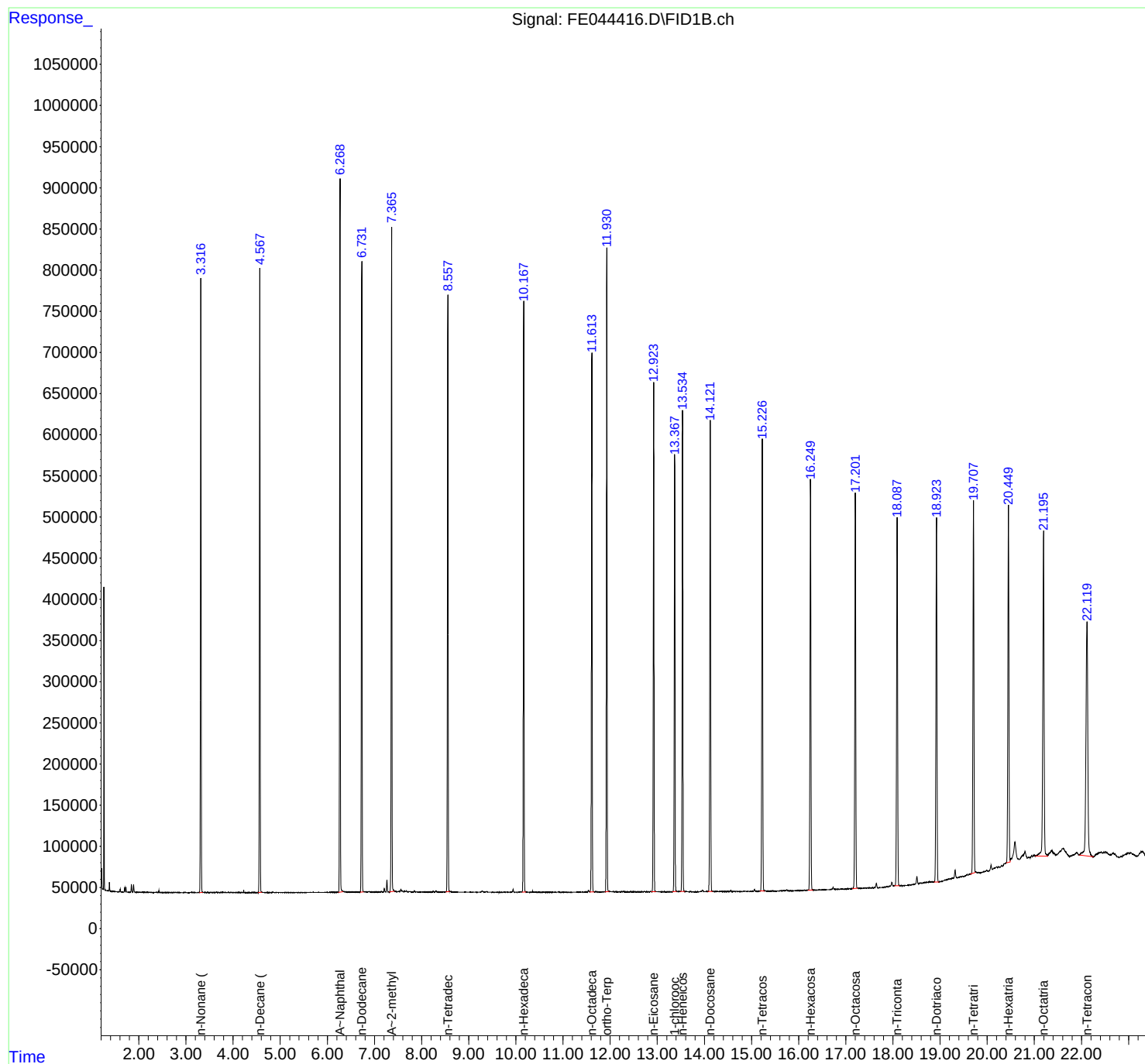
(m)=manual int.

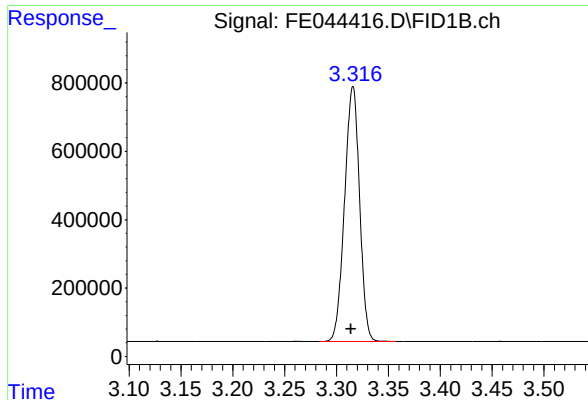
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE092523AL\
Data File : FE044416.D
Signal(s) : FID1B.ch
Acq On : 25 Sep 2023 09:09
Operator : YP\AJ
Sample : 50 PPM ALIPHATIC HC STD2
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
FID_E
ClientSampleId :
50 PPM ALIPHATIC HC STD2

Integration File: autoint1.e
Quant Time: Sep 25 10:14:55 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 092523.M
Quant Title : GC Extractables
QLast Update : Mon Sep 25 10:14:46 2023
Response via : Initial Calibration
Integrator: ChemStation

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

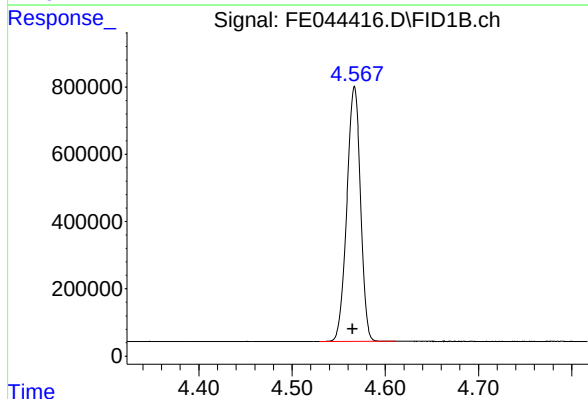




#1 n-Nonane (C9)

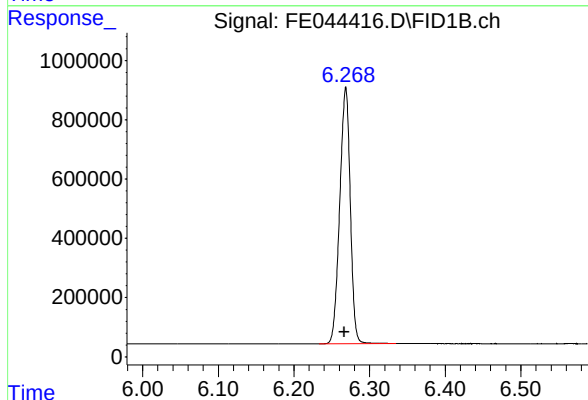
R.T.: 3.316 min
Delta R.T.: 0.002 min
Response: 7520803
Conc: 47.16 ug/ml

Instrument :
FID_E
ClientSampleId :
50 PPM ALIPHATIC HC STD2



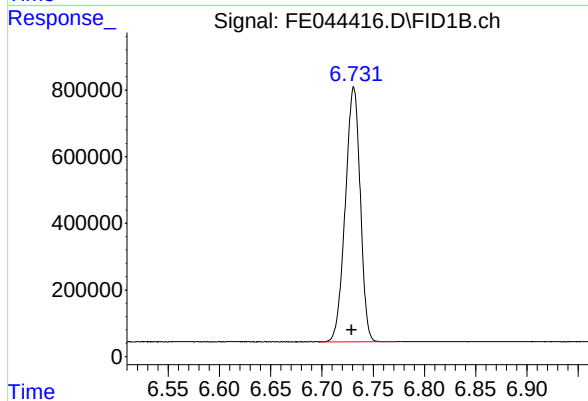
#2 n-Decane (C10)

R.T.: 4.567 min
Delta R.T.: 0.002 min
Response: 7697687
Conc: 47.24 ug/ml



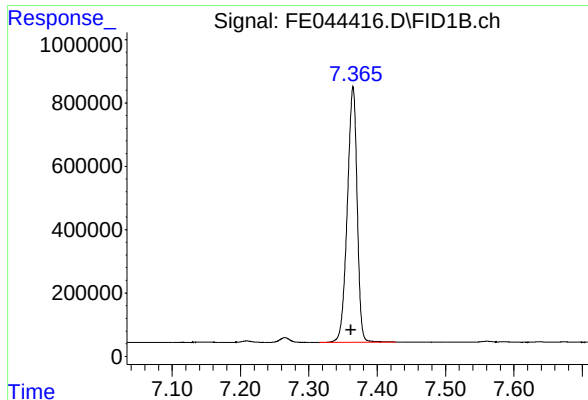
#3 A~Naphthalene (C11.7)

R.T.: 6.269 min
Delta R.T.: 0.002 min
Response: 8387357
Conc: 47.56 ug/ml



#4 n-Dodecane (C12)

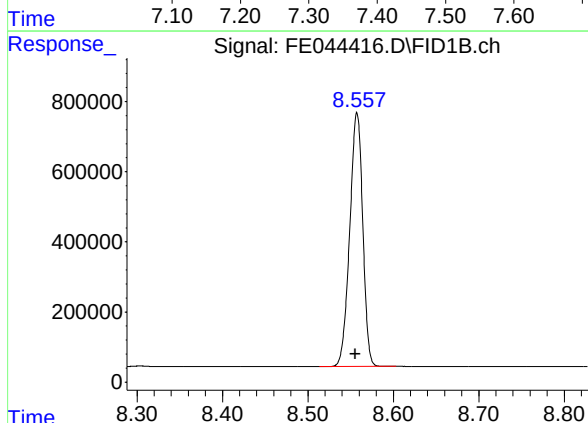
R.T.: 6.731 min
Delta R.T.: 0.002 min
Response: 7759398
Conc: 47.43 ug/ml



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

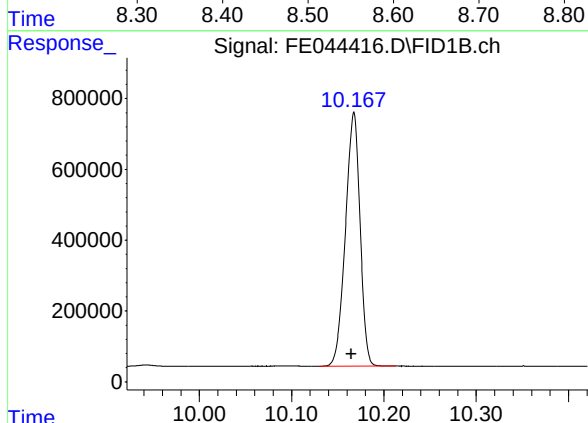
R.T.: 7.365 min
Delta R.T.: 0.003 min
Response: 8042616
Conc: 47.35 ug/ml

Instrument :
FID_E
ClientSampleId :
50 PPM ALIPHATIC HC STD2



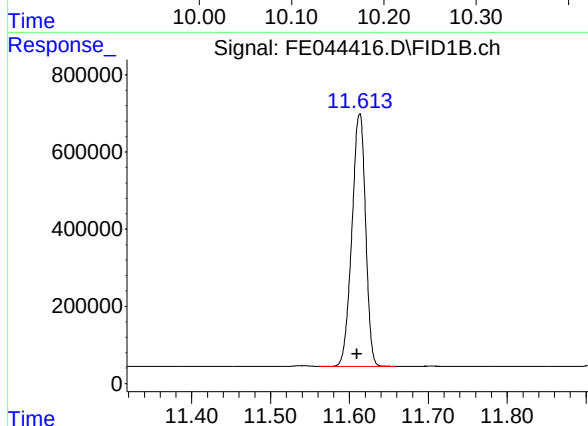
#6 n-Tetradecane (C14)

R.T.: 8.558 min
Delta R.T.: 0.002 min
Response: 7656061
Conc: 47.41 ug/ml



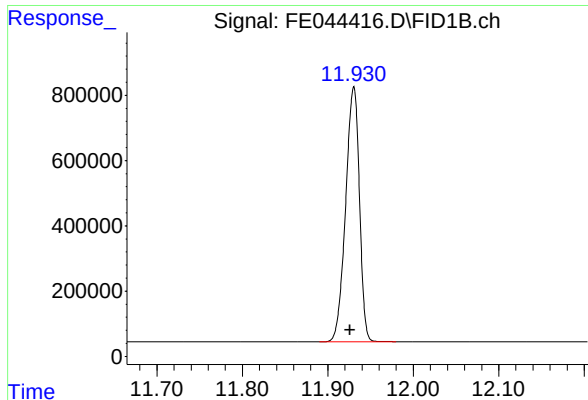
#7 n-Hexadecane (C16)

R.T.: 10.168 min
Delta R.T.: 0.003 min
Response: 7882482
Conc: 47.38 ug/ml



#8 n-Octadecane (C18)

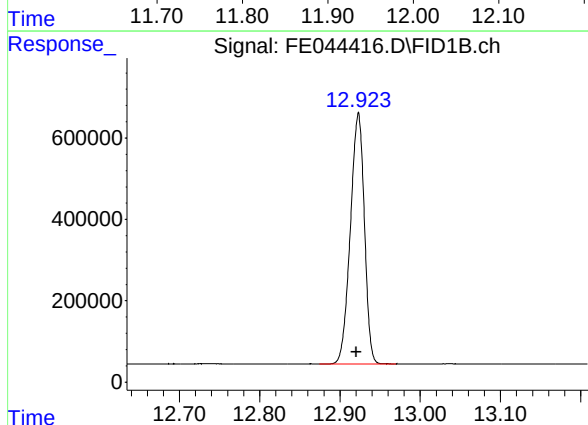
R.T.: 11.613 min
Delta R.T.: 0.004 min
Response: 7888646
Conc: 47.34 ug/ml



#9 ortho-Terphenyl (SURR)

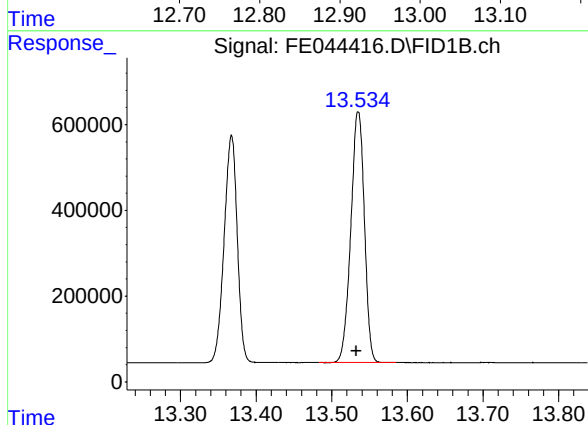
R.T.: 11.930 min
Delta R.T.: 0.004 min
Response: 8762262
Conc: 47.41 ug/ml

Instrument :
FID_E
ClientSampleId :
50 PPM ALIPHATIC HC STD2



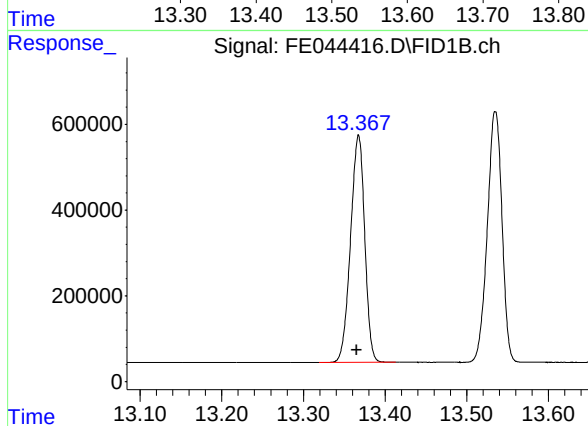
#10 n-Eicosane (C20)

R.T.: 12.923 min
Delta R.T.: 0.003 min
Response: 7478891
Conc: 47.36 ug/ml



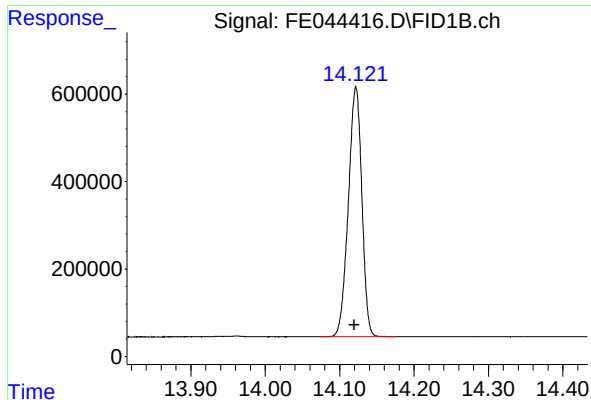
#11 n-Heneicosane (C21)

R.T.: 13.535 min
Delta R.T.: 0.002 min
Response: 7292580
Conc: 47.40 ug/ml



#12 1-chlorooctadecane (SURR)

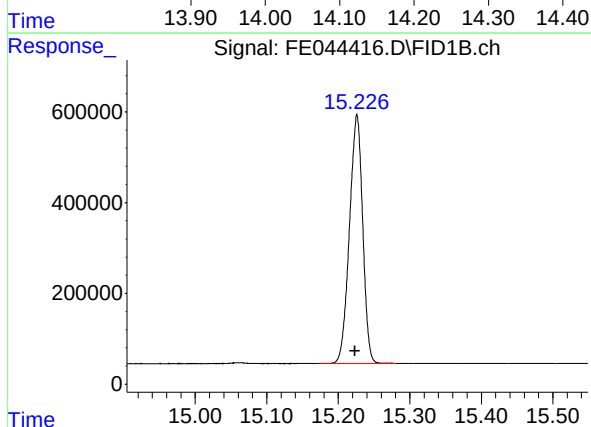
R.T.: 13.368 min
Delta R.T.: 0.003 min
Response: 6377974
Conc: 47.47 ug/ml



#13 n-Docosane (C22)

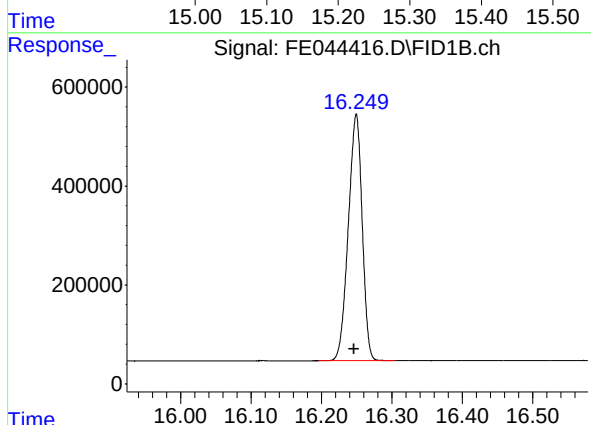
R.T.: 14.122 min
Delta R.T.: 0.002 min
Response: 7197723
Conc: 47.49 ug/ml

Instrument :
FID_E
ClientSampleId :
50 PPM ALIPHATIC HC STD2



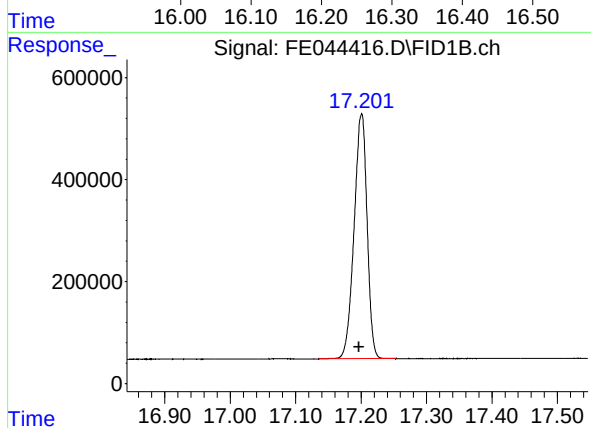
#14 n-Tetracosane (C24)

R.T.: 15.226 min
Delta R.T.: 0.003 min
Response: 7038506
Conc: 47.47 ug/ml



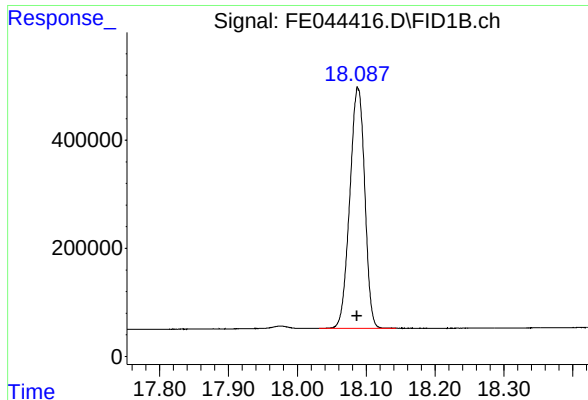
#15 n-Hexacosane (C26)

R.T.: 16.250 min
Delta R.T.: 0.003 min
Response: 6826027
Conc: 47.47 ug/ml



#16 n-Octacosane (C28)

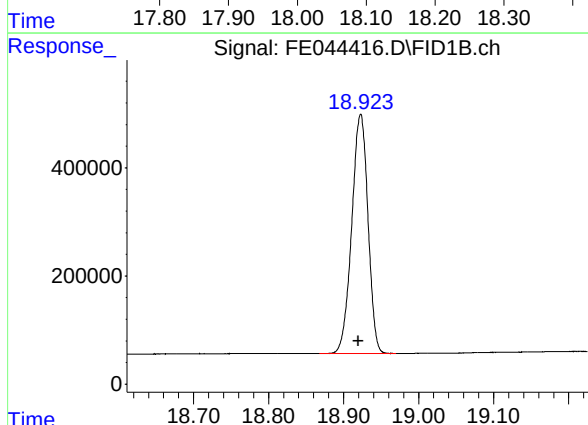
R.T.: 17.201 min
Delta R.T.: 0.004 min
Response: 6630018
Conc: 47.44 ug/ml



#17 n-Tricontane (C30)

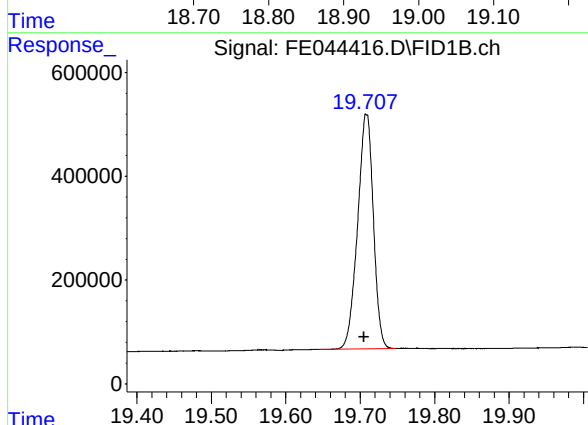
R.T.: 18.088 min
Delta R.T.: 0.002 min
Response: 6721086
Conc: 47.21 ug/ml

Instrument :
FID_E
ClientSampleId :
50 PPM ALIPHATIC HC STD2



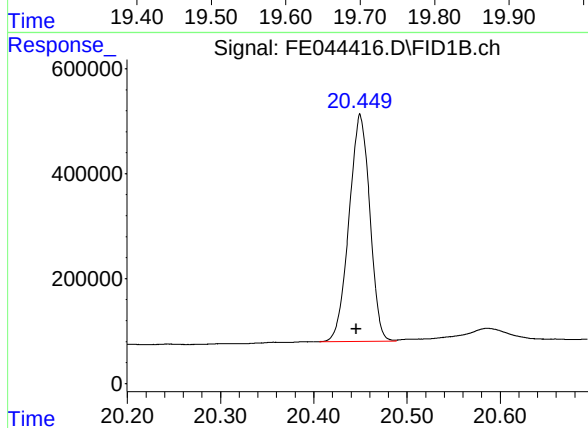
#18 n-Dotriacontane (C32)

R.T.: 18.923 min
Delta R.T.: 0.003 min
Response: 6650294
Conc: 47.00 ug/ml



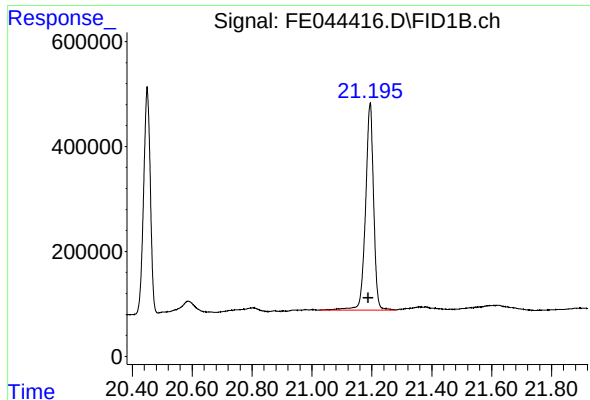
#19 n-Tetratriacontane (C34)

R.T.: 19.708 min
Delta R.T.: 0.004 min
Response: 6656128
Conc: 47.22 ug/ml



#20 n-Hexatriacontane (C36)

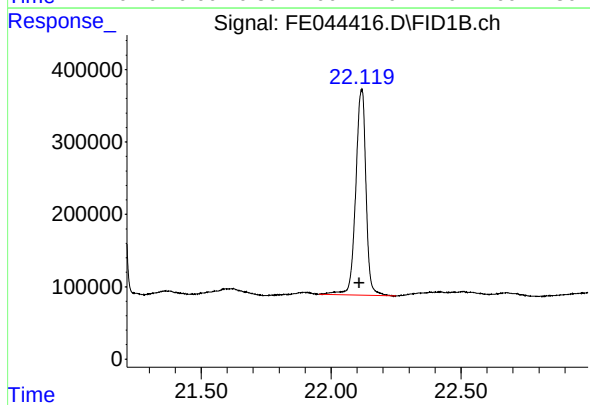
R.T.: 20.450 min
Delta R.T.: 0.004 min
Response: 6692889
Conc: 47.46 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.195 min
Delta R.T.: 0.006 min
Response: 7415940
Conc: 51.79 ug/ml

Instrument :
FID_E
ClientSampleId :
50 PPM ALIPHATIC HC STD2



#22 n-Tetracontane (C40)

R.T.: 22.118 min
Delta R.T.: 0.009 min
Response: 7833013
Conc: 49.88 ug/ml