

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE060724AL\
 Data File : FE048601.D
 Signal(s) : FID1B.ch
 Acq On : 07 Jun 2024 13:06
 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: Jun 08 00:25:53 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 052524.M
 Quant Title : GC Extractables
 QLast Update : Fri May 24 16:28:51 2024
 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)	11.943	2743533	19.106 ug/ml
Spiked Amount 50.000		Recovery =	38.21%
12) S 1-chlorooctadecane (S...	13.378	2059061	18.901 ug/ml
Spiked Amount 50.000		Recovery =	37.80%
Target Compounds			
1) T n-Nonane (C9)	3.330	2692998	18.013 ug/ml
2) T n-Decane (C10)	4.580	2809340	18.605 ug/ml
3) T A~Naphthalene (C11.7)	6.285	2757995	18.523 ug/ml
4) T n-Dodecane (C12)	6.744	2778227	18.768 ug/ml
5) T A~2-methylnaphthalene...	7.381	2594882	18.715 ug/ml
6) T n-Tetradecane (C14)	8.573	2694748	18.999 ug/ml
7) T n-Hexadecane (C16)	10.180	2690452	19.084 ug/ml
8) T n-Octadecane (C18)	11.624	2652851	19.101 ug/ml
10) T n-Eicosane (C20)	12.933	2521941	19.057 ug/ml
11) T n-Heneicosane (C21)	13.544	2468730	19.059 ug/ml
13) T n-Docosane (C22)	14.130	2467244	19.146 ug/ml
14) T n-Tetracosane (C24)	15.233	2530129	19.530 ug/ml
15) T n-Hexacosane (C26)	16.253	2553094	19.699 ug/ml
16) T n-Octacosane (C28)	17.202	2647210	20.481 ug/ml
17) T n-Tricontane (C30)	18.090	2910702	21.728 ug/ml
18) T n-Dotriacontane (C32)	18.921	3030690	22.327 ug/ml
19) T n-Tetratriacontane (C34)	19.703	2911086	21.280 ug/ml
20) T n-Hexatriacontane (C36)	20.443	2763214	20.327 ug/ml
21) T n-Octatriacontane (C38)	21.178	2659700	19.503 ug/ml
22) T n-Tetracontane (C40)	22.094	2541951	18.565 ug/ml

(f)=RT Delta > 1/2 Window

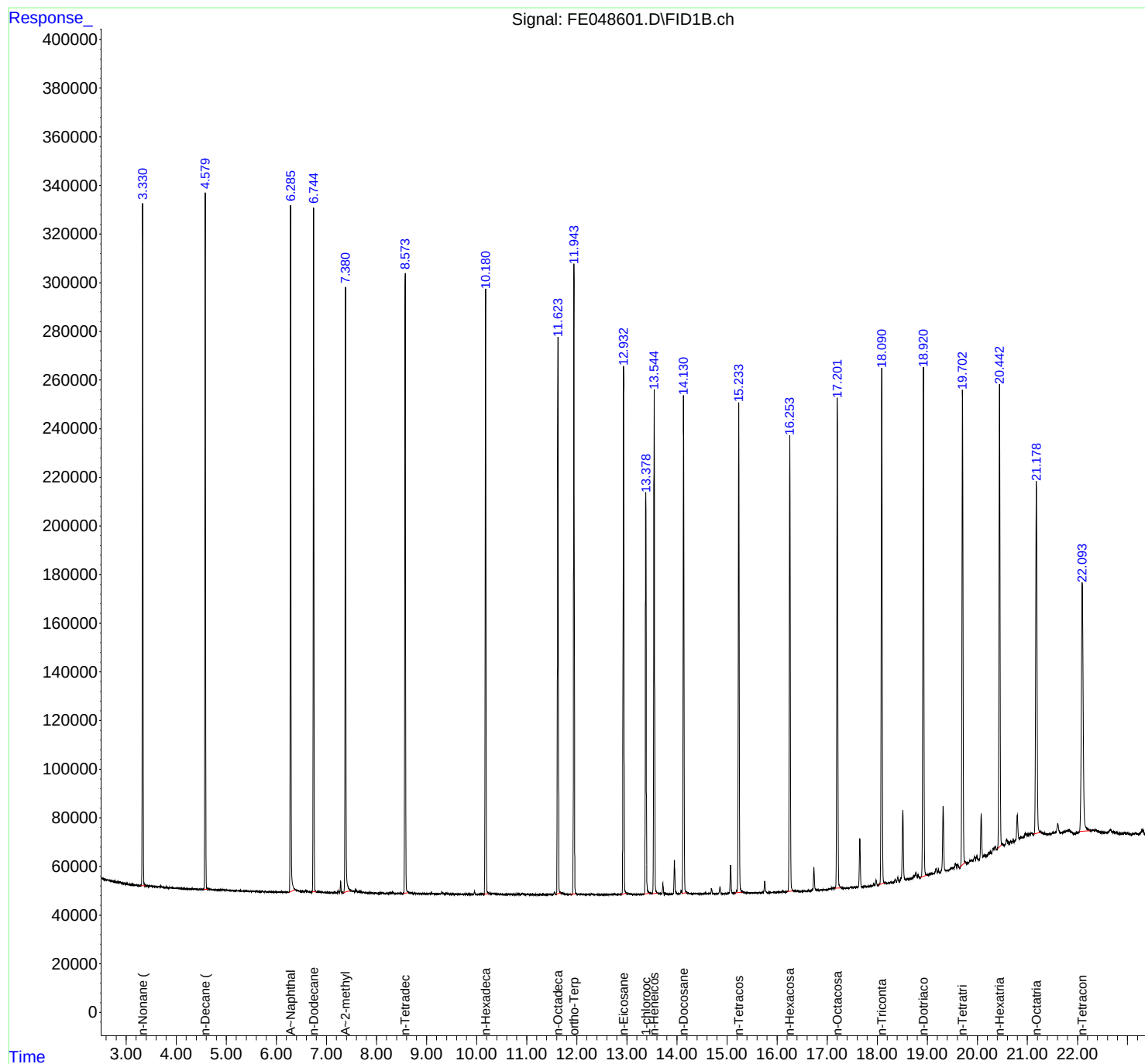
(m)=manual int.

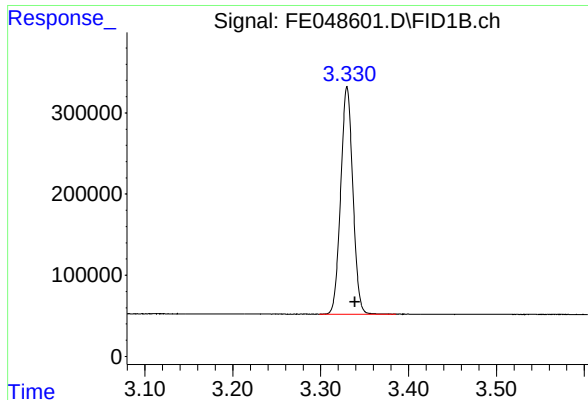
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE060724AL\
Data File : FE048601.D
Signal(s) : FID1B.ch
Acq On : 07 Jun 2024 13:06
Operator : YP\AJ
Sample : 20 PPM ALIPHATIC HC STD
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
Quant Time: Jun 08 00:25:53 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 052524.M
Quant Title : GC Extractables
QLast Update : Fri May 24 16:28:51 2024
Response via : Initial Calibration
Integrator: ChemStation

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

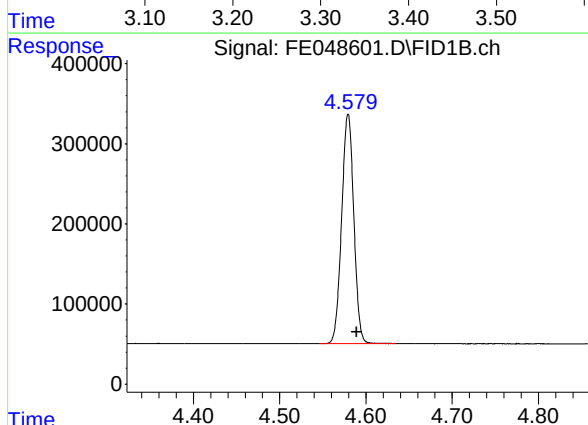




#1 n-Nonane (C9)

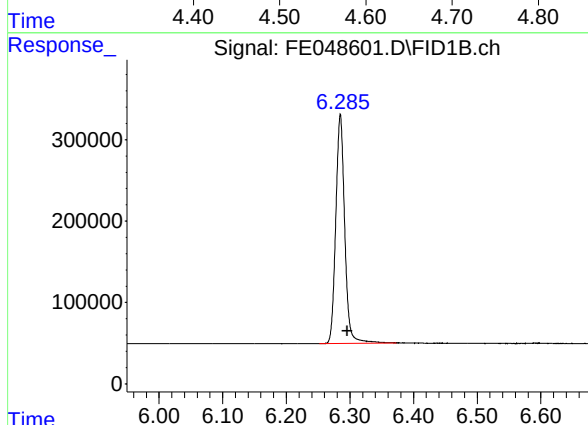
R.T.: 3.330 min
Delta R.T.: -0.009 min
Response: 2692998
Conc: 18.01 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



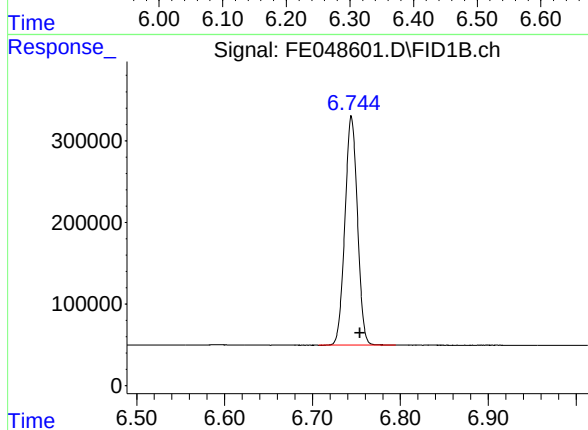
#2 n-Decane (C10)

R.T.: 4.580 min
Delta R.T.: -0.009 min
Response: 2809340
Conc: 18.60 ug/ml



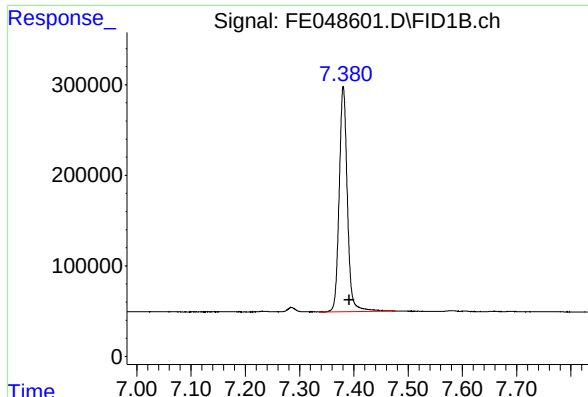
#3 A~Naphthalene (C11.7)

R.T.: 6.285 min
Delta R.T.: -0.011 min
Response: 2757995
Conc: 18.52 ug/ml



#4 n-Dodecane (C12)

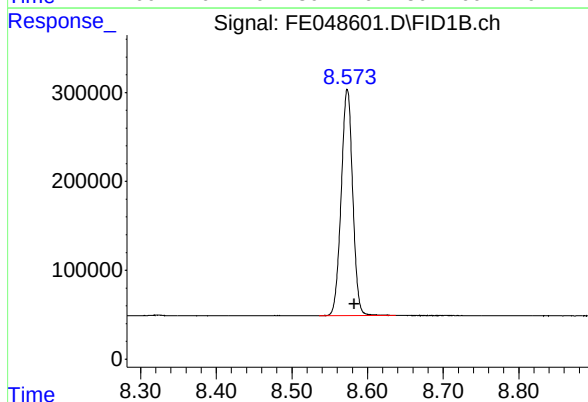
R.T.: 6.744 min
Delta R.T.: -0.010 min
Response: 2778227
Conc: 18.77 ug/ml



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

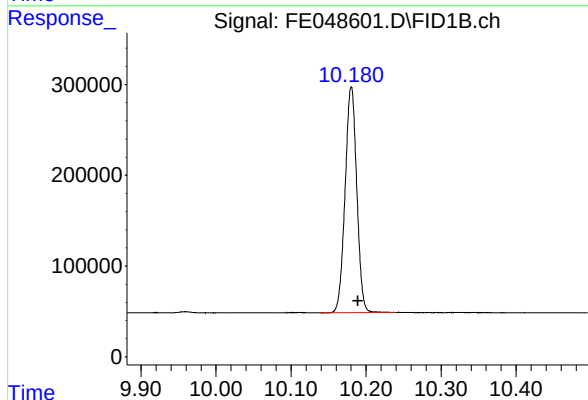
R.T.: 7.381 min
Delta R.T.: -0.011 min
Response: 2594882
Conc: 18.71 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



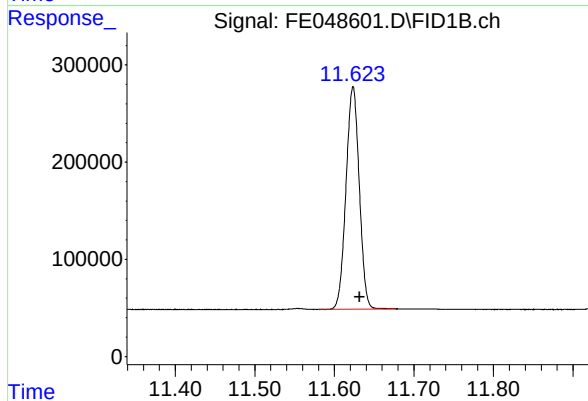
#6 n-Tetradecane (C14)

R.T.: 8.573 min
Delta R.T.: -0.009 min
Response: 2694748
Conc: 19.00 ug/ml



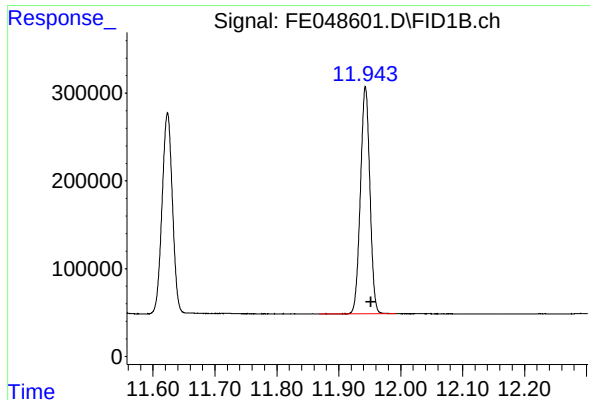
#7 n-Hexadecane (C16)

R.T.: 10.180 min
Delta R.T.: -0.009 min
Response: 2690452
Conc: 19.08 ug/ml



#8 n-Octadecane (C18)

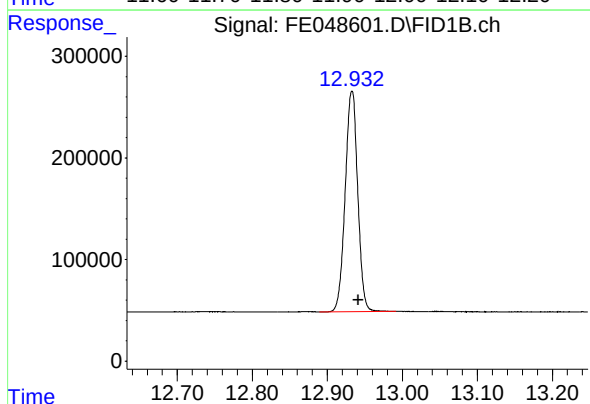
R.T.: 11.624 min
Delta R.T.: -0.008 min
Response: 2652851
Conc: 19.10 ug/ml



#9 ortho-Terphenyl (SURR)

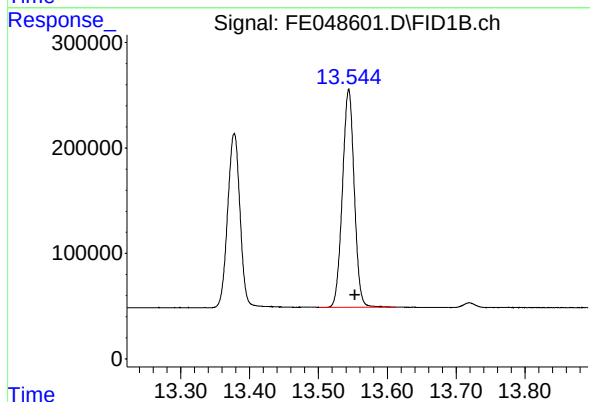
R.T.: 11.943 min
Delta R.T.: -0.009 min
Response: 2743533
Conc: 19.11 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



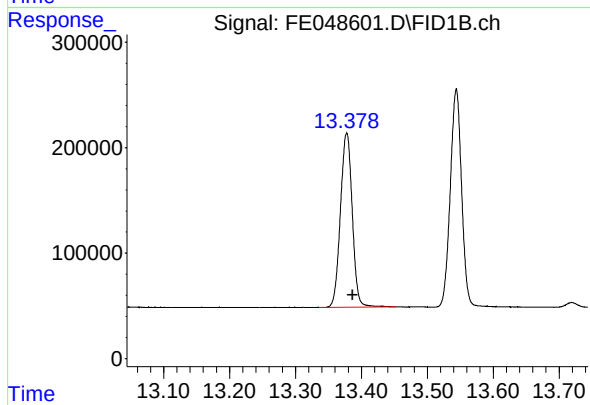
#10 n-Eicosane (C20)

R.T.: 12.933 min
Delta R.T.: -0.009 min
Response: 2521941
Conc: 19.06 ug/ml



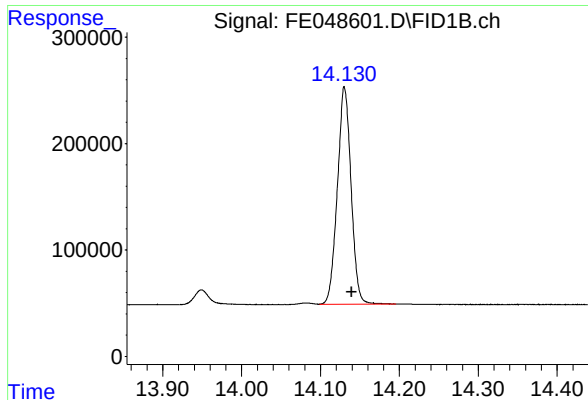
#11 n-Heneicosane (C21)

R.T.: 13.544 min
Delta R.T.: -0.009 min
Response: 2468730
Conc: 19.06 ug/ml



#12 1-chlorooctadecane (SURR)

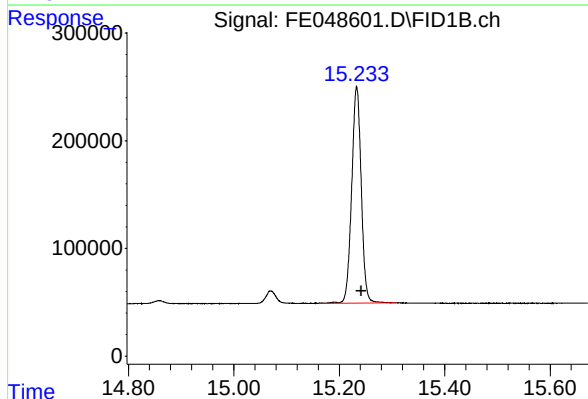
R.T.: 13.378 min
Delta R.T.: -0.009 min
Response: 2059061
Conc: 18.90 ug/ml



#13 n-Docosane (C22)

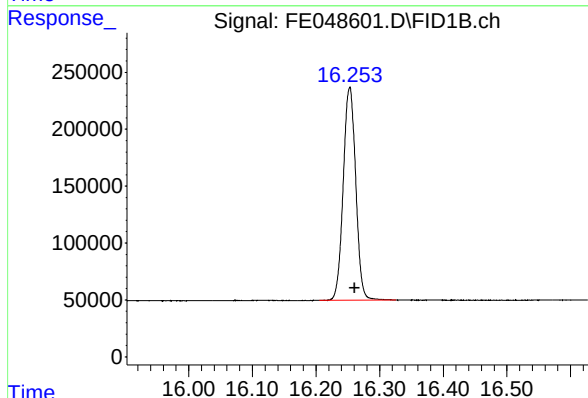
R.T.: 14.130 min
Delta R.T.: -0.009 min
Response: 2467244
Conc: 19.15 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



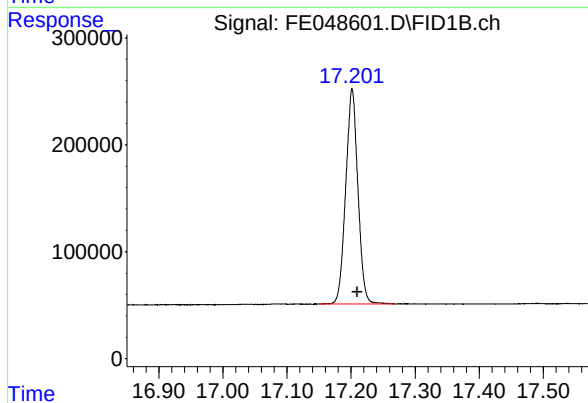
#14 n-Tetracosane (C24)

R.T.: 15.233 min
Delta R.T.: -0.009 min
Response: 2530129
Conc: 19.53 ug/ml



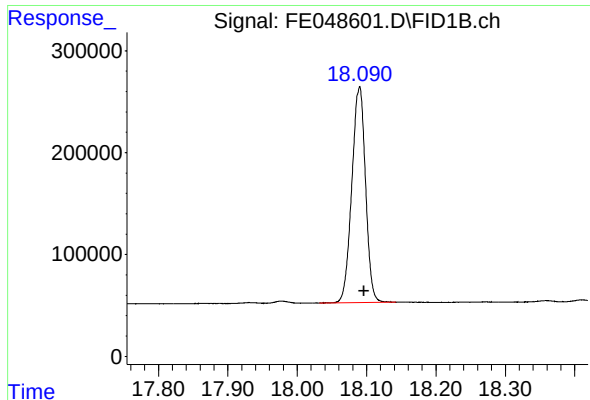
#15 n-Hexacosane (C26)

R.T.: 16.253 min
Delta R.T.: -0.007 min
Response: 2553094
Conc: 19.70 ug/ml



#16 n-Octacosane (C28)

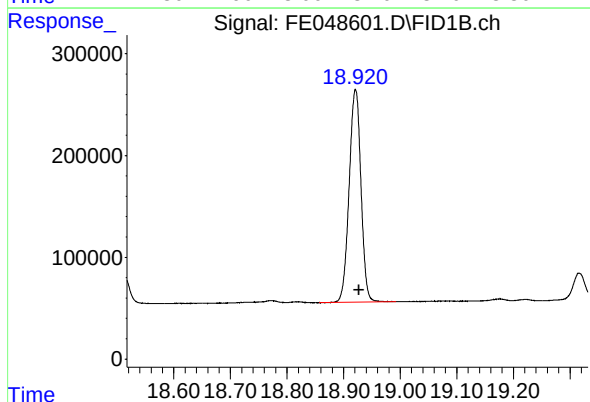
R.T.: 17.202 min
Delta R.T.: -0.009 min
Response: 2647210
Conc: 20.48 ug/ml



#17 n-Tricontane (C30)

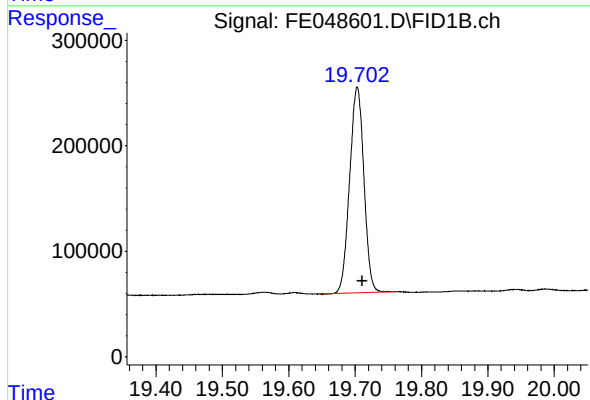
R.T.: 18.090 min
Delta R.T.: -0.006 min
Response: 2910702
Conc: 21.73 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



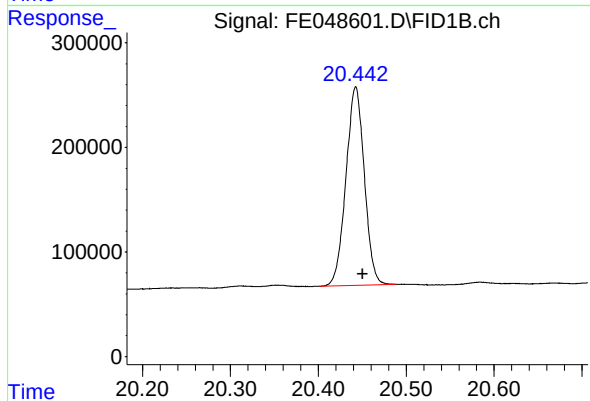
#18 n-Dotriacontane (C32)

R.T.: 18.921 min
Delta R.T.: -0.006 min
Response: 3030690
Conc: 22.33 ug/ml



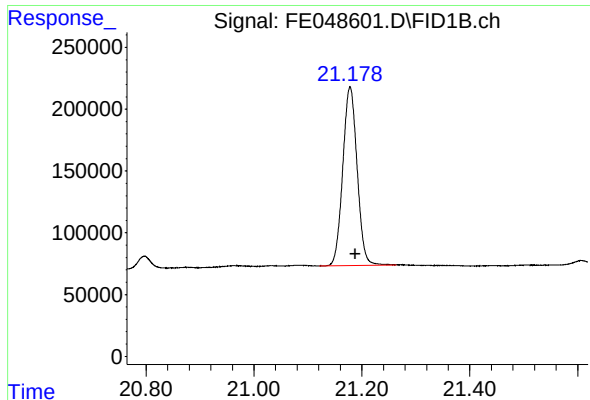
#19 n-Tetatriacontane (C34)

R.T.: 19.703 min
Delta R.T.: -0.008 min
Response: 2911086
Conc: 21.28 ug/ml



#20 n-Hexatriacontane (C36)

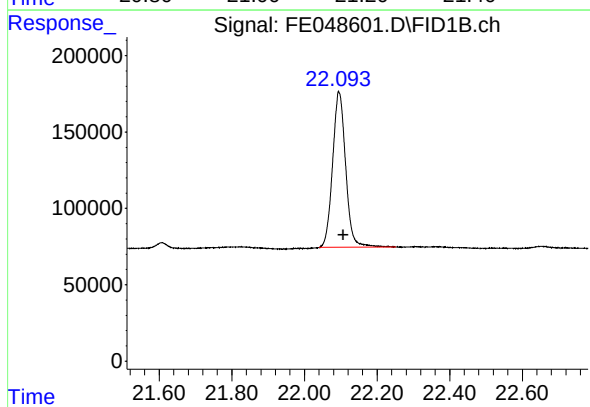
R.T.: 20.443 min
Delta R.T.: -0.008 min
Response: 2763214
Conc: 20.33 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.178 min
Delta R.T.: -0.009 min
Response: 2659700
Conc: 19.50 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 22.094 min
Delta R.T.: -0.013 min
Response: 2541951
Conc: 18.56 ug/ml