

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE121223AL\
 Data File : FE045768.D
 Signal(s) : FID1B.ch
 Acq On : 12 Dec 2023 06:35
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Dec 12 22:36:15 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 113023.M
 Quant Title : GC Extractables
 QLast Update : Thu Nov 30 12:25:07 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

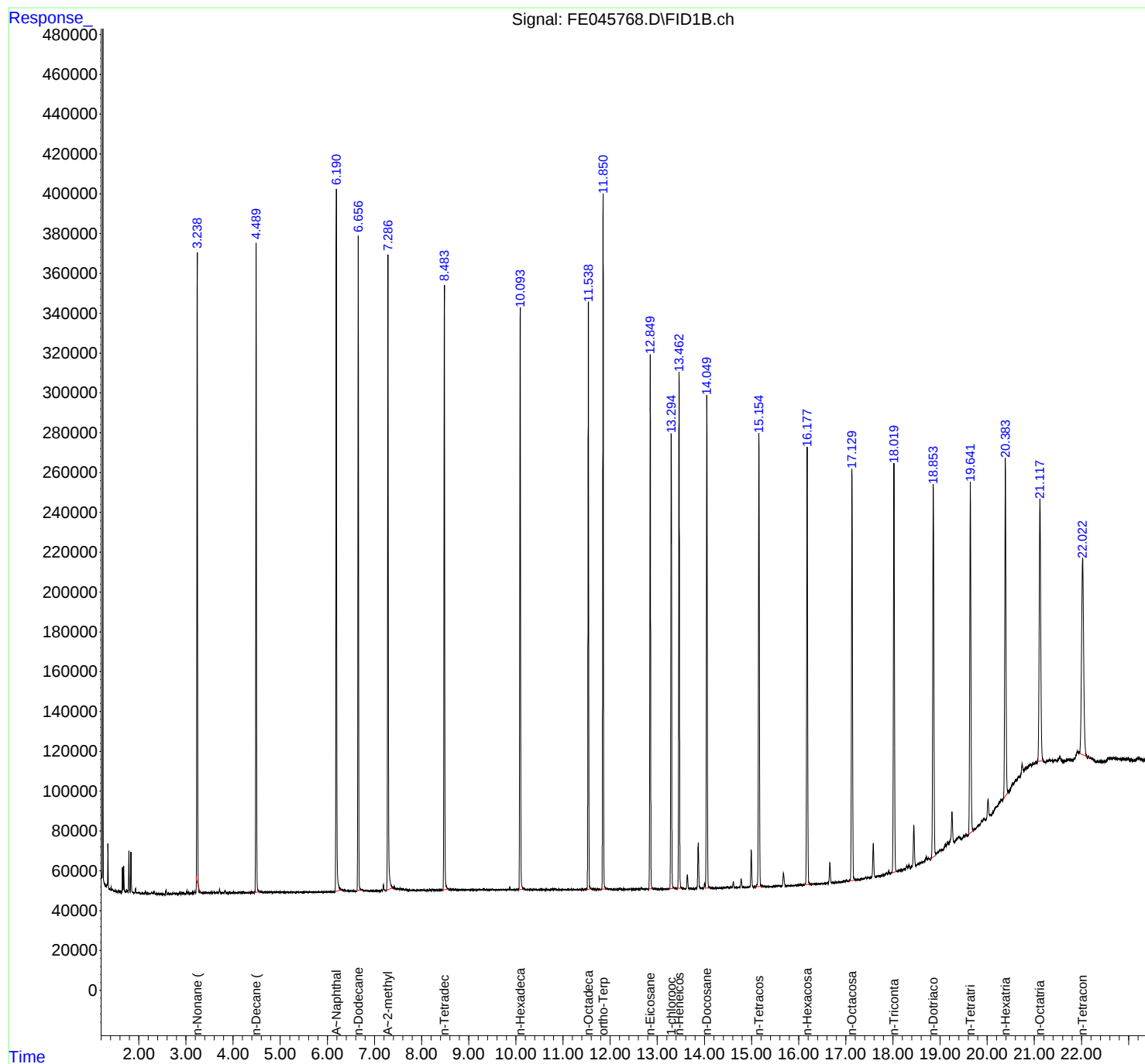
System Monitoring Compounds			
9) S ortho-Terphenyl (SURR)	11.851	3924602	18.768 ug/ml
Spiked Amount 50.000		Recovery =	37.54%
12) S 1-chlorooctadecane (S...	13.295	2910166	18.495 ug/ml
Spiked Amount 50.000		Recovery =	36.99%
Target Compounds			
1) T n-Nonane (C9)	3.239	3057406	19.280 ug/ml
2) T n-Decane (C10)	4.489	3310274	20.672 ug/ml
3) T A~Naphthalene (C11.7)	6.190	3587963	20.597 ug/ml
4) T n-Dodecane (C12)	6.656	3339736	20.676 ug/ml
5) T A~2-methylnaphthalene...	7.287	3473936	20.457 ug/ml
6) T n-Tetradecane (C14)	8.483	3319619	20.693 ug/ml
7) T n-Hexadecane (C16)	10.093	3375763	20.386 ug/ml
8) T n-Octadecane (C18)	11.538	3375490	19.688 ug/ml
10) T n-Eicosane (C20)	12.849	3252367	18.797 ug/ml
11) T n-Heneicosane (C21)	13.462	3176000	18.462 ug/ml
13) T n-Docosane (C22)	14.049	3156497	18.307 ug/ml
14) T n-Tetracosane (C24)	15.155	3133001	17.946 ug/ml
15) T n-Hexacosane (C26)	16.178	3066731	17.609 ug/ml
16) T n-Octacosane (C28)	17.130	3071143	17.769 ug/ml
17) T n-Tricontane (C30)	18.020	3172248	18.133 ug/ml
18) T n-Dotriacontane (C32)	18.855	3182494	17.444 ug/ml
19) T n-Tetratriacontane (C34)	19.642	3013274	18.160 ug/ml
20) T n-Hexatriacontane (C36)	20.384	2903727	18.293 ug/ml
21) T n-Octatriacontane (C38)	21.118	2915506	18.592 ug/ml
22) T n-Tetracontane (C40)	22.023	3034464	21.352 ug/ml

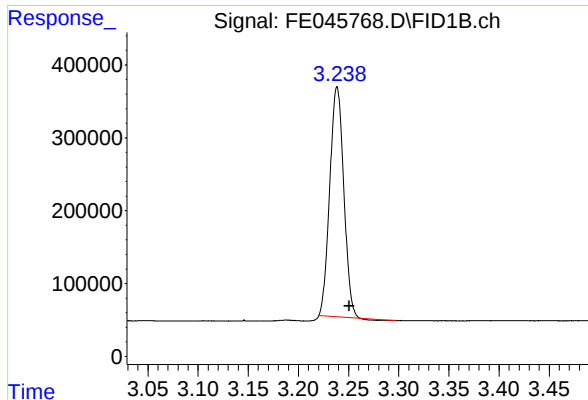
(f)=RT Delta > 1/2 Window

(m)=manual int.

Instrument :
FID_E
ClientSampleId :

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

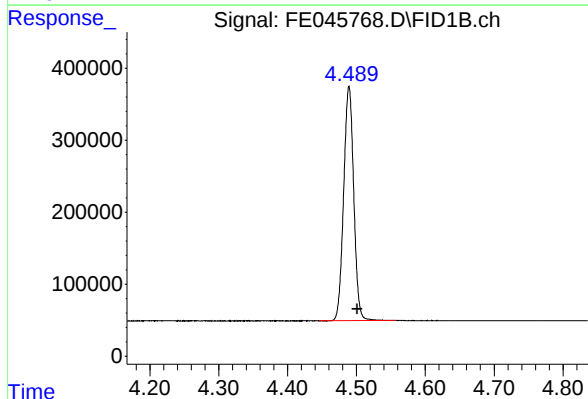




#1 n-Nonane (C9)

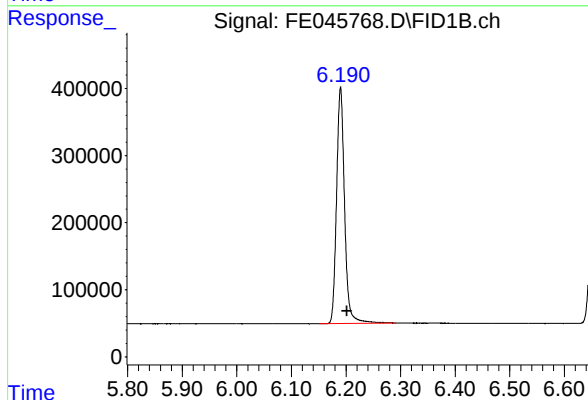
R.T.: 3.239 min
Delta R.T.: -0.012 min
Response: 3057406
Conc: 19.28 ug/ml

Instrument :
FID_E
ClientSampleId :



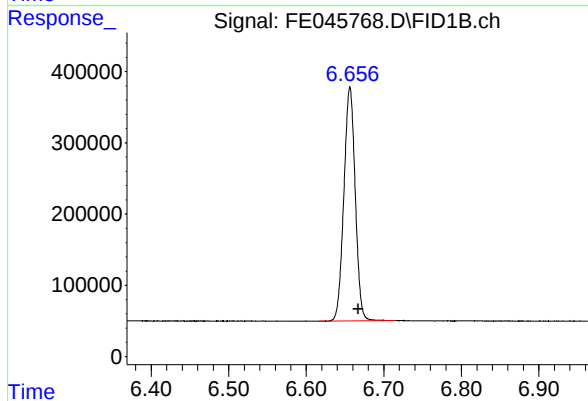
#2 n-Decane (C10)

R.T.: 4.489 min
Delta R.T.: -0.012 min
Response: 3310274
Conc: 20.67 ug/ml



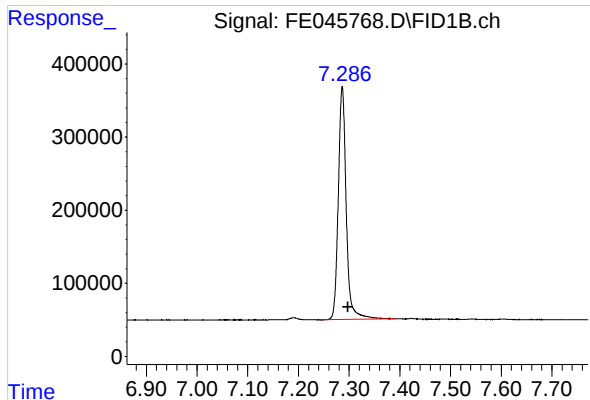
#3 A~Naphthalene (C11.7)

R.T.: 6.190 min
Delta R.T.: -0.011 min
Response: 3587963
Conc: 20.60 ug/ml



#4 n-Dodecane (C12)

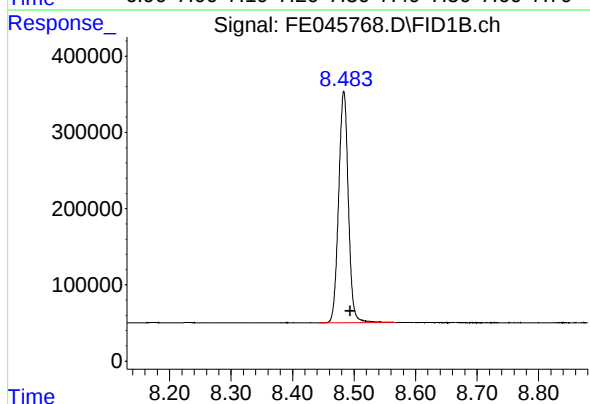
R.T.: 6.656 min
Delta R.T.: -0.011 min
Response: 3339736
Conc: 20.68 ug/ml



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

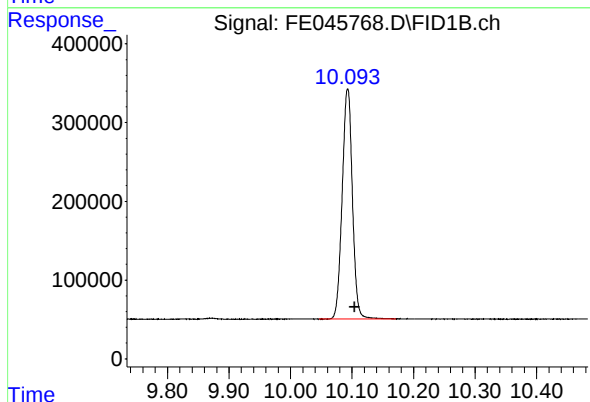
R.T.: 7.287 min
Delta R.T.: -0.011 min
Response: 3473936
Conc: 20.46 ug/ml

Instrument :
FID_E
ClientSampleId :



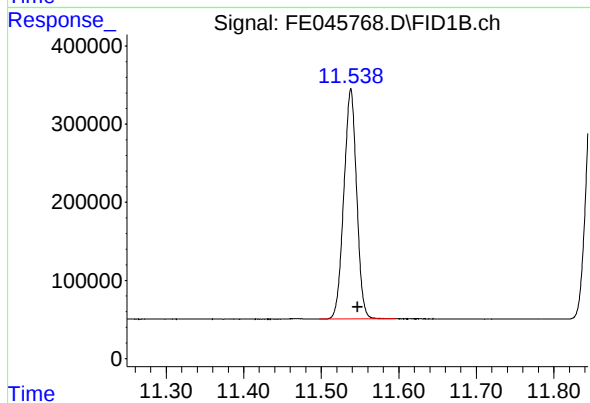
#6 n-Tetradecane (C14)

R.T.: 8.483 min
Delta R.T.: -0.011 min
Response: 3319619
Conc: 20.69 ug/ml



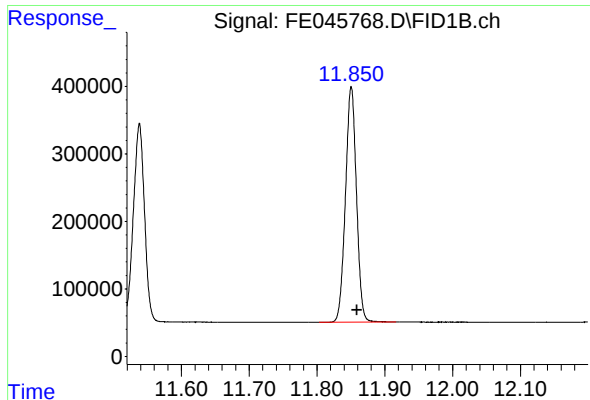
#7 n-Hexadecane (C16)

R.T.: 10.093 min
Delta R.T.: -0.011 min
Response: 3375763
Conc: 20.39 ug/ml



#8 n-Octadecane (C18)

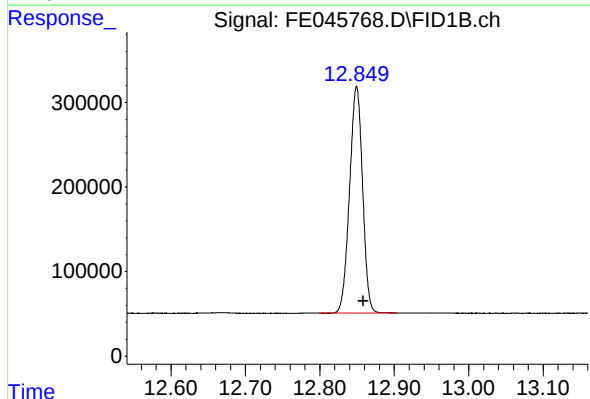
R.T.: 11.538 min
Delta R.T.: -0.009 min
Response: 3375490
Conc: 19.69 ug/ml



#9 ortho-Terphenyl (SURR)

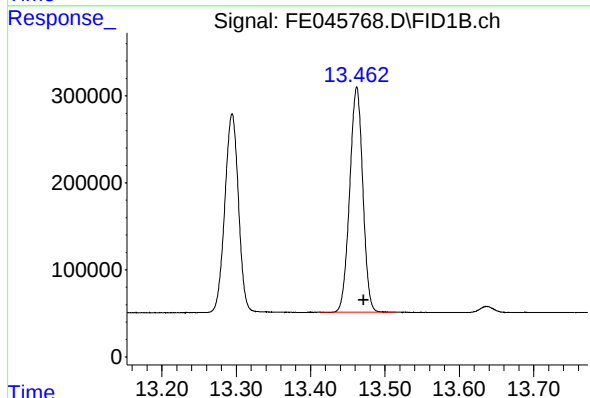
R.T.: 11.851 min
Delta R.T.: -0.008 min
Response: 3924602
Conc: 18.77 ug/ml

Instrument :
FID_E
ClientSampleId :



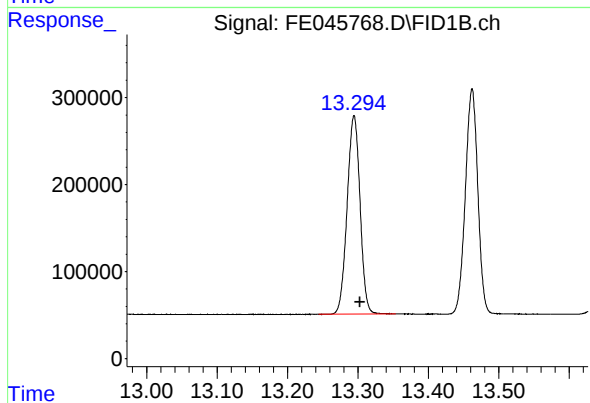
#10 n-Eicosane (C20)

R.T.: 12.849 min
Delta R.T.: -0.009 min
Response: 3252367
Conc: 18.80 ug/ml



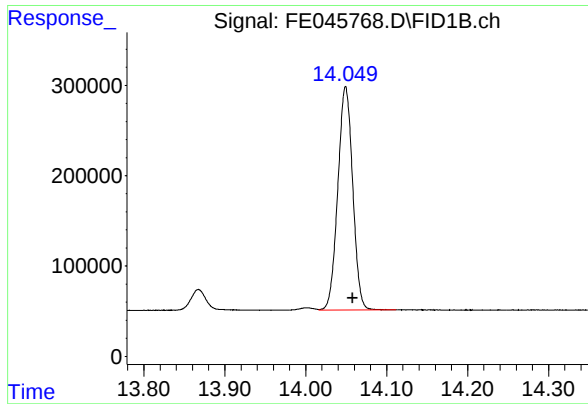
#11 n-Heneicosane (C21)

R.T.: 13.462 min
Delta R.T.: -0.009 min
Response: 3176000
Conc: 18.46 ug/ml



#12 1-chlorooctadecane (SURR)

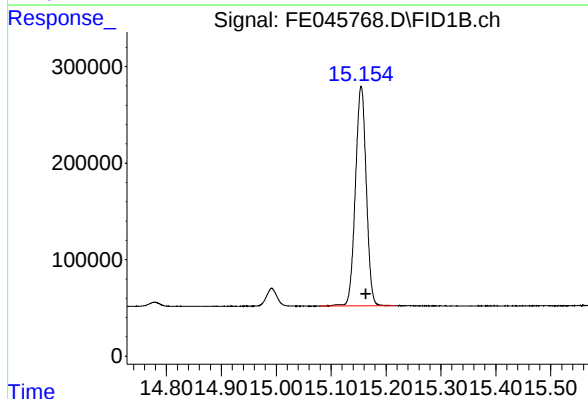
R.T.: 13.295 min
Delta R.T.: -0.008 min
Response: 2910166
Conc: 18.50 ug/ml



#13 n-Docosane (C22)

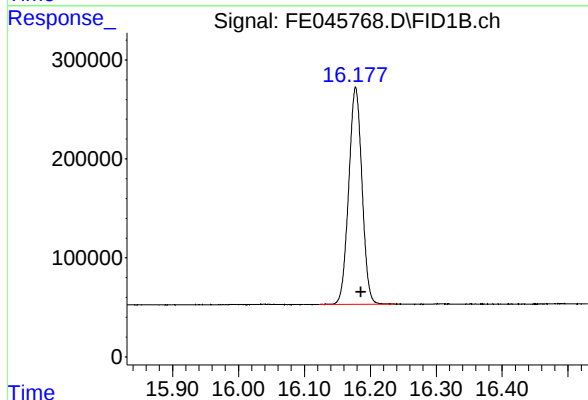
R.T.: 14.049 min
Delta R.T.: -0.009 min
Response: 3156497
Conc: 18.31 ug/ml

Instrument :
FID_E
ClientSampleId :



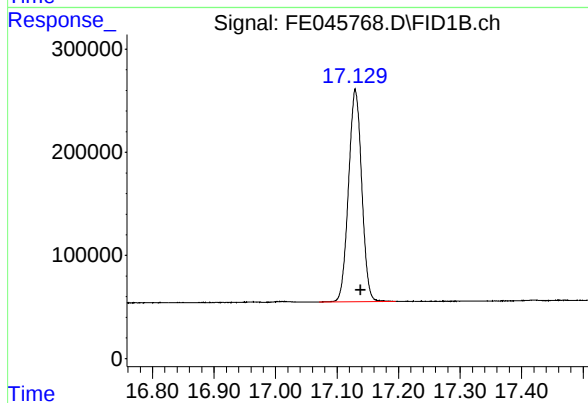
#14 n-Tetracosane (C24)

R.T.: 15.155 min
Delta R.T.: -0.009 min
Response: 3133001
Conc: 17.95 ug/ml



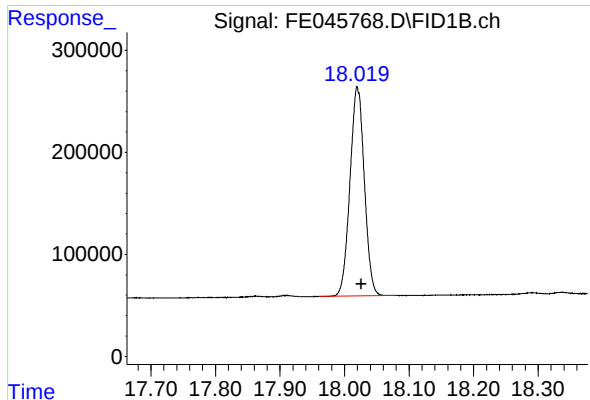
#15 n-Hexacosane (C26)

R.T.: 16.178 min
Delta R.T.: -0.008 min
Response: 3066731
Conc: 17.61 ug/ml



#16 n-Octacosane (C28)

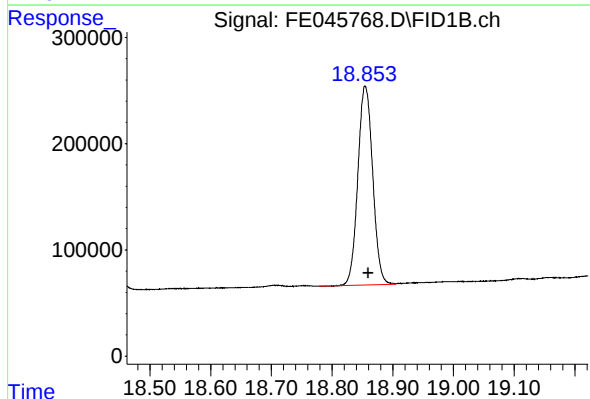
R.T.: 17.130 min
Delta R.T.: -0.009 min
Response: 3071143
Conc: 17.77 ug/ml



#17 n-Tricontane (C30)

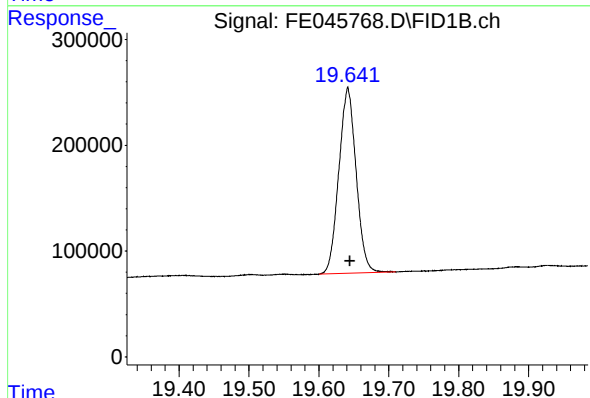
R.T.: 18.020 min
Delta R.T.: -0.006 min
Response: 3172248
Conc: 18.13 ug/ml

Instrument :
FID_E
ClientSampleId :



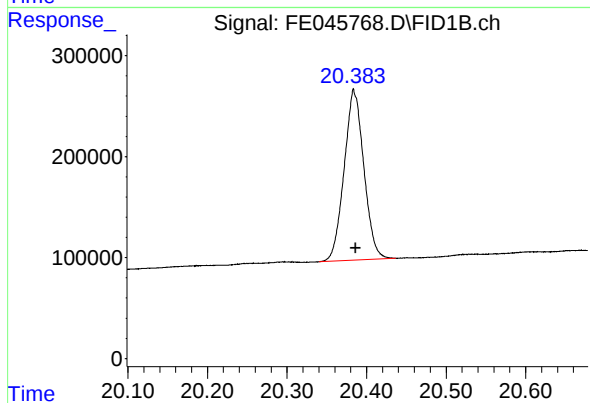
#18 n-Dotriacontane (C32)

R.T.: 18.855 min
Delta R.T.: -0.005 min
Response: 3182494
Conc: 17.44 ug/ml



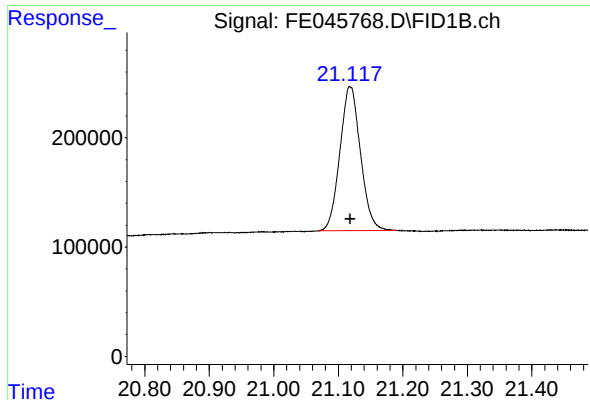
#19 n-Tetatriacontane (C34)

R.T.: 19.642 min
Delta R.T.: -0.003 min
Response: 3013274
Conc: 18.16 ug/ml



#20 n-Hexatriacontane (C36)

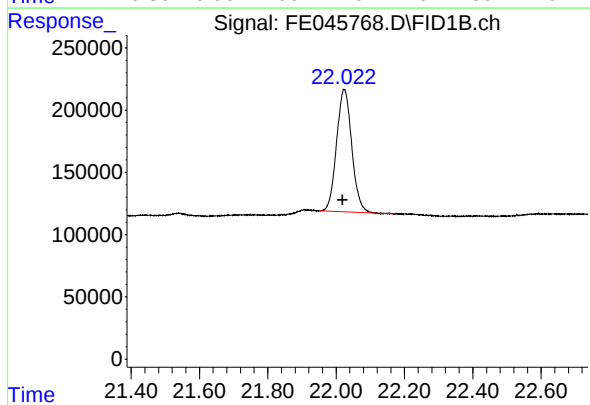
R.T.: 20.384 min
Delta R.T.: -0.002 min
Response: 2903727
Conc: 18.29 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.118 min
Delta R.T.: 0.000 min
Response: 2915506
Conc: 18.59 ug/ml

Instrument :
FID_E
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 22.023 min
Delta R.T.: 0.004 min
Response: 3034464
Conc: 21.35 ug/ml