

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE061724AL\
 Data File : FE048756.D
 Signal(s) : FID1B.ch
 Acq On : 18 Jun 2024 02:50
 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: Jun 18 03:19:16 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)	11.939	2639216	18.379 ug/ml
Spiked Amount 50.000		Recovery =	36.76%
12) S 1-chlorooctadecane (S...	13.373	1976931	18.147 ug/ml
Spiked Amount 50.000		Recovery =	36.29%
Target Compounds			
1) T n-Nonane (C9)	3.326	2392696	16.004 ug/ml
2) T n-Decane (C10)	4.575	2616808	17.330 ug/ml
3) T A~Naphthalene (C11.7)	6.282	2565996	17.233 ug/ml
4) T n-Dodecane (C12)	6.741	2623733	17.725 ug/ml
5) T A~2-methylnaphthalene...	7.378	2433698	17.552 ug/ml
6) T n-Tetradecane (C14)	8.569	2562891	18.070 ug/ml
7) T n-Hexadecane (C16)	10.176	2597111	18.422 ug/ml
8) T n-Octadecane (C18)	11.619	2568889	18.496 ug/ml
10) T n-Eicosane (C20)	12.928	2440524	18.442 ug/ml
11) T n-Heneicosane (C21)	13.540	2381480	18.386 ug/ml
13) T n-Docosane (C22)	14.125	2386107	18.517 ug/ml
14) T n-Tetracosane (C24)	15.227	2450120	18.913 ug/ml
15) T n-Hexacosane (C26)	16.248	2470459	19.061 ug/ml
16) T n-Octacosane (C28)	17.196	2622713	20.291 ug/ml
17) T n-Tricontane (C30)	18.084	2993186	22.344 ug/ml
18) T n-Dotriacontane (C32)	18.915	3102991	22.860 ug/ml
19) T n-Tetratriacontane (C34)	19.698	2953061	21.587 ug/ml
20) T n-Hexatriacontane (C36)	20.435	2714044	19.966 ug/ml
21) T n-Octatriacontane (C38)	21.172	2525141	18.516 ug/ml
22) T n-Tetracontane (C40)	22.087	3012789	22.004 ug/ml

(f)=RT Delta > 1/2 Window

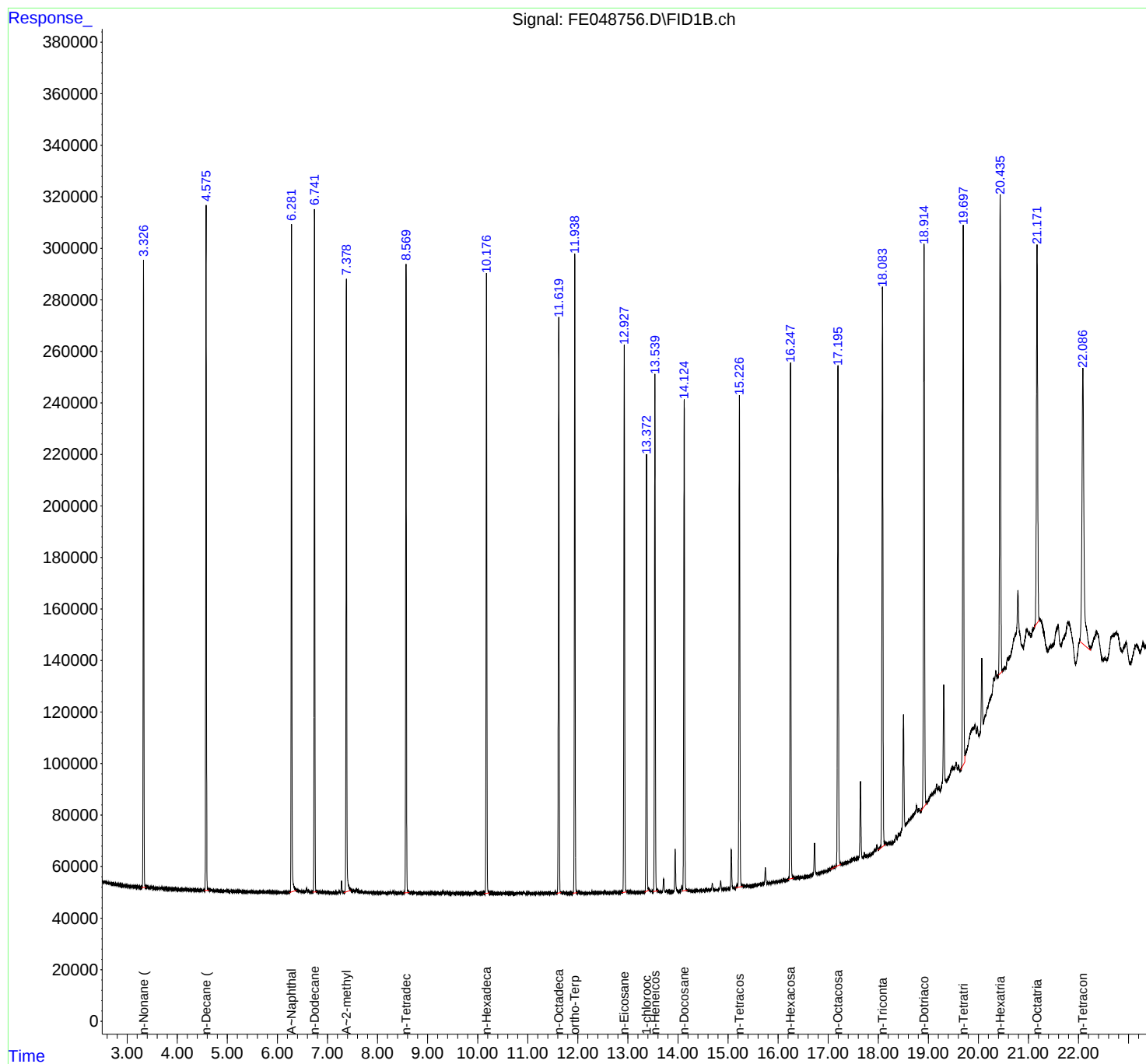
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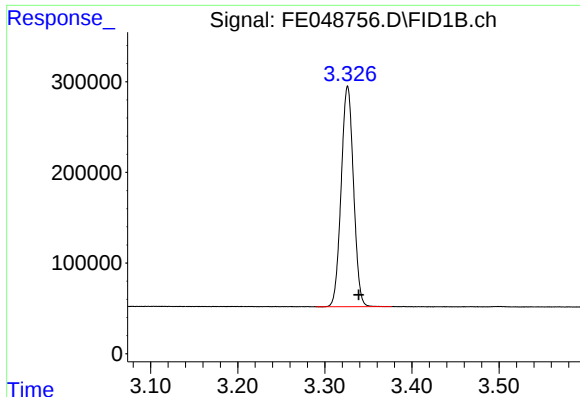
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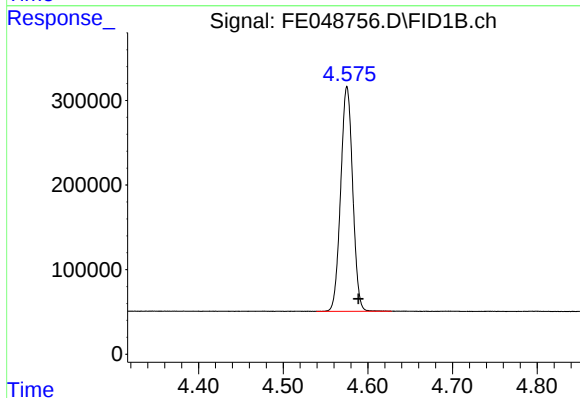




#1 n-Nonane (C9)

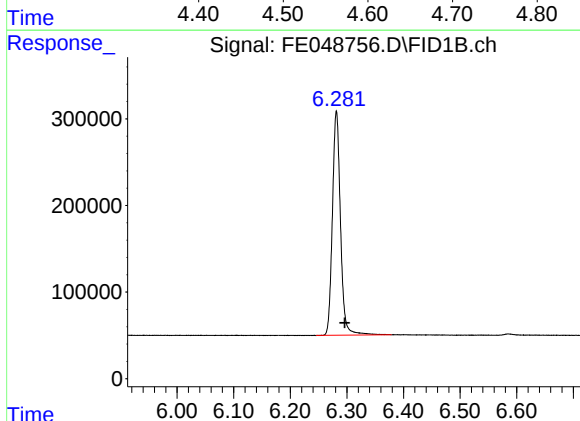
R.T.: 3.326 min
Delta R.T.: -0.013 min
Response: 2392696
Conc: 16.00 ug/ml

Instrument :
FID_E
ClientSampleId :



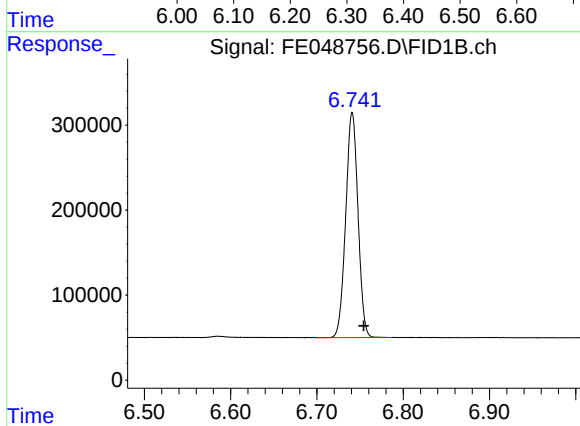
#2 n-Decane (C10)

R.T.: 4.575 min
Delta R.T.: -0.014 min
Response: 2616808
Conc: 17.33 ug/ml



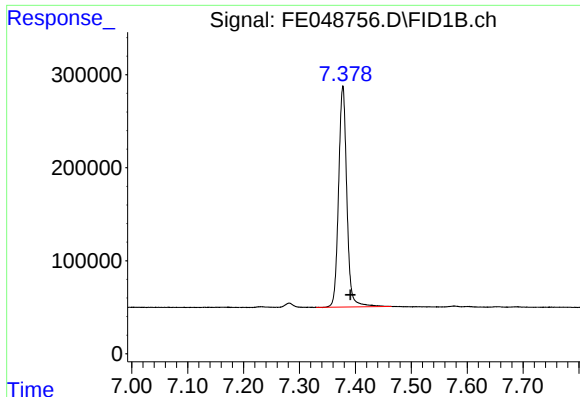
#3 A~Naphthalene (C11.7)

R.T.: 6.282 min
Delta R.T.: -0.014 min
Response: 2565996
Conc: 17.23 ug/ml



#4 n-Dodecane (C12)

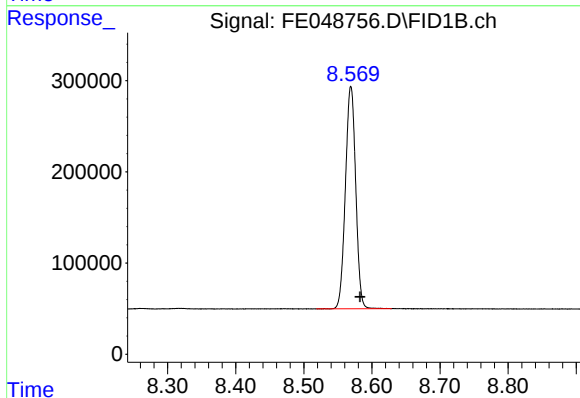
R.T.: 6.741 min
Delta R.T.: -0.013 min
Response: 2623733
Conc: 17.72 ug/ml



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

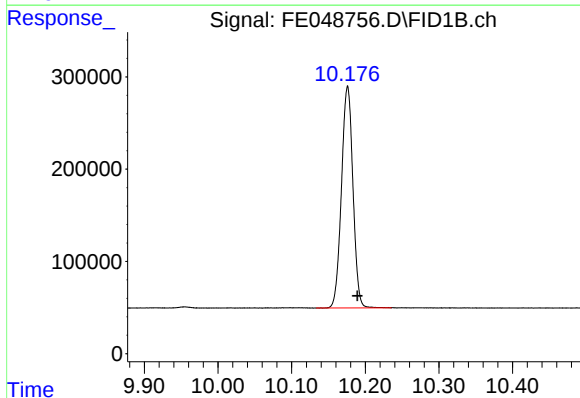
R.T.: 7.378 min
Delta R.T.: -0.014 min
Response: 2433698
Conc: 17.55 ug/ml

Instrument :
FID_E
ClientSampleId :



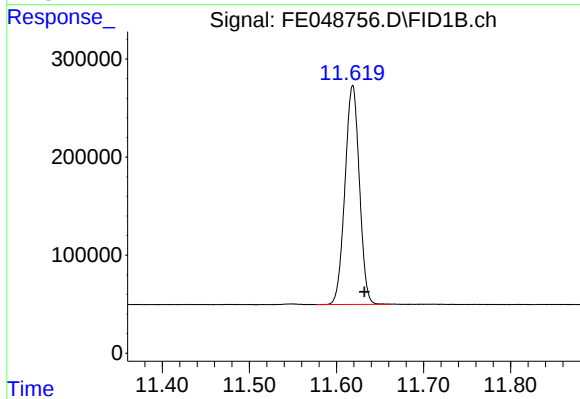
#6 n-Tetradecane (C14)

R.T.: 8.569 min
Delta R.T.: -0.013 min
Response: 2562891
Conc: 18.07 ug/ml



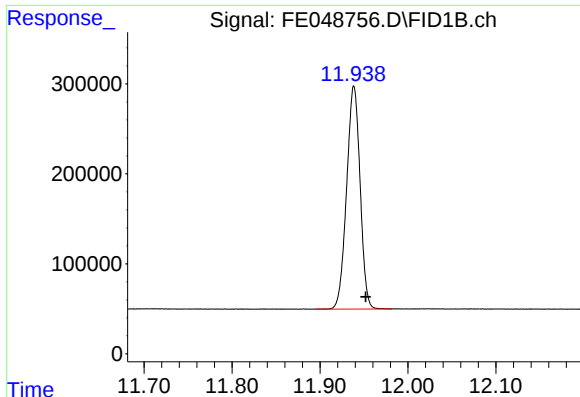
#7 n-Hexadecane (C16)

R.T.: 10.176 min
Delta R.T.: -0.013 min
Response: 2597111
Conc: 18.42 ug/ml



#8 n-Octadecane (C18)

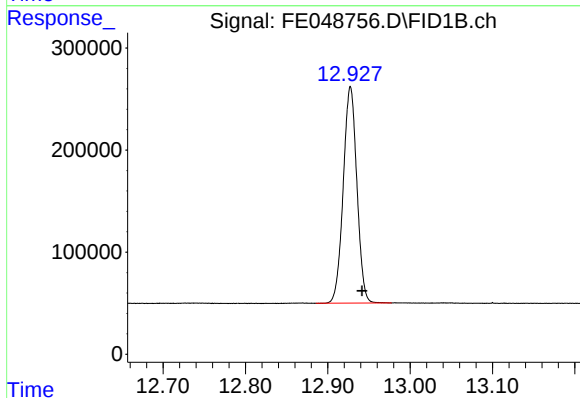
R.T.: 11.619 min
Delta R.T.: -0.013 min
Response: 2568889
Conc: 18.50 ug/ml



#9 ortho-Terphenyl (SURR)

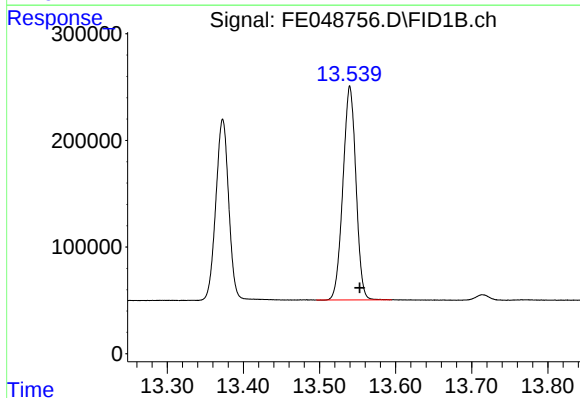
R.T.: 11.939 min
Delta R.T.: -0.013 min
Response: 2639216
Conc: 18.38 ug/ml

Instrument :
FID_E
ClientSampleId :



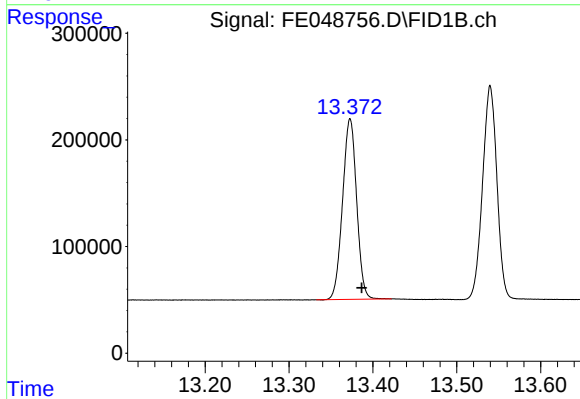
#10 n-Eicosane (C20)

R.T.: 12.928 min
Delta R.T.: -0.014 min
Response: 2440524
Conc: 18.44 ug/ml



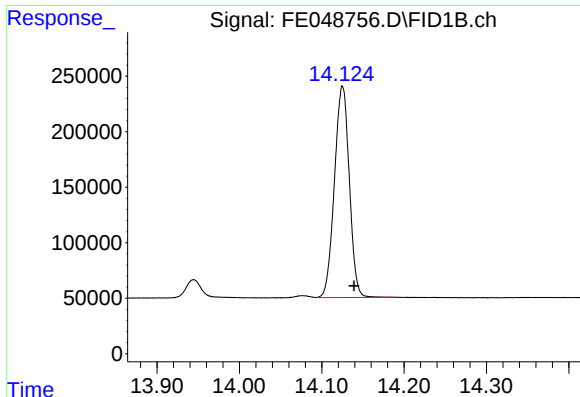
#11 n-Heneicosane (C21)

R.T.: 13.540 min
Delta R.T.: -0.013 min
Response: 2381480
Conc: 18.39 ug/ml



#12 1-chlorooctadecane (SURR)

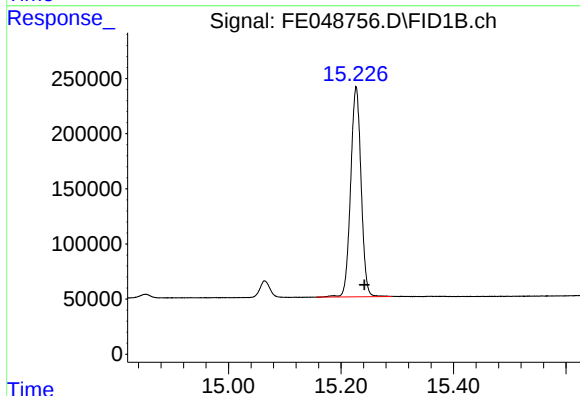
R.T.: 13.373 min
Delta R.T.: -0.014 min
Response: 1976931
Conc: 18.15 ug/ml



#13 n-Docosane (C22)

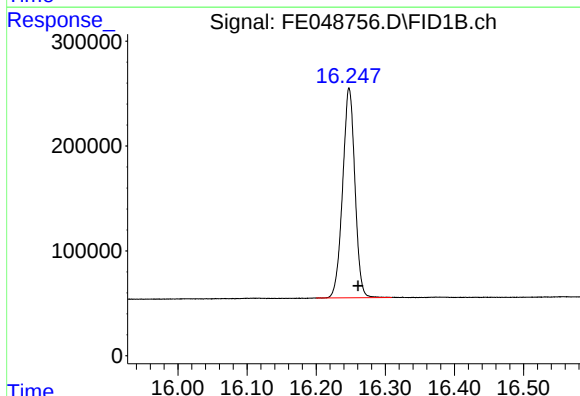
R.T.: 14.125 min
Delta R.T.: -0.014 min
Response: 2386107
Conc: 18.52 ug/ml

Instrument :
FID_E
ClientSampleId :



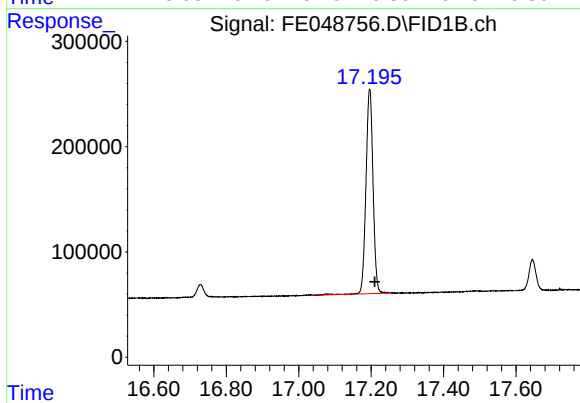
#14 n-Tetracosane (C24)

R.T.: 15.227 min
Delta R.T.: -0.015 min
Response: 2450120
Conc: 18.91 ug/ml



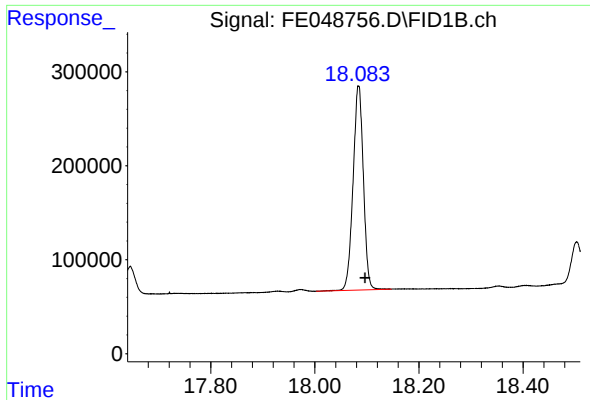
#15 n-Hexacosane (C26)

R.T.: 16.248 min
Delta R.T.: -0.013 min
Response: 2470459
Conc: 19.06 ug/ml



#16 n-Octacosane (C28)

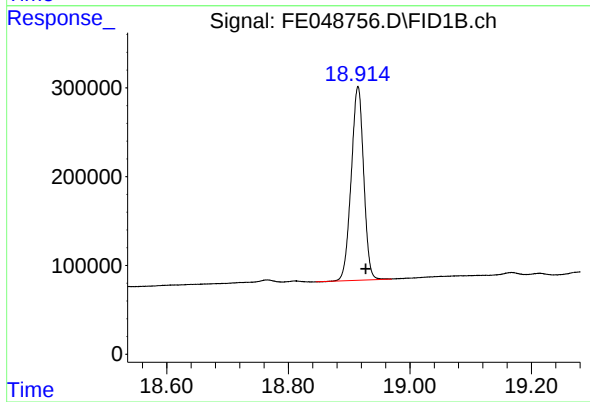
R.T.: 17.196 min
Delta R.T.: -0.014 min
Response: 2622713
Conc: 20.29 ug/ml



#17 n-Tricontane (C30)

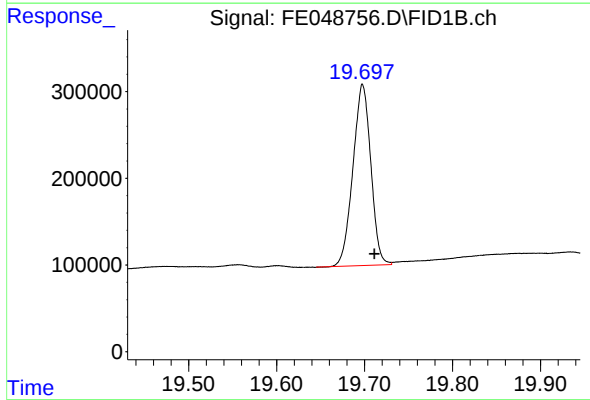
R.T.: 18.084 min
Delta R.T.: -0.012 min
Response: 2993186
Conc: 22.34 ug/ml

Instrument :
FID_E
ClientSampleId :



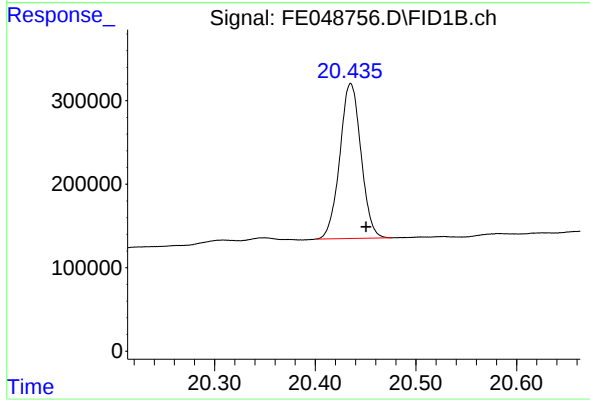
#18 n-Dotriacontane (C32)

R.T.: 18.915 min
Delta R.T.: -0.013 min
Response: 3102991
Conc: 22.86 ug/ml



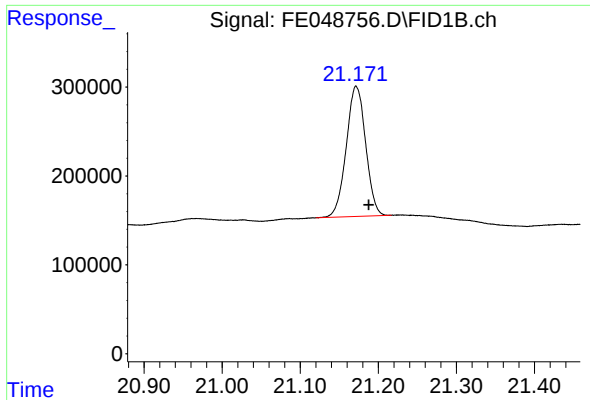
#19 n-Tetratriacontane (C34)

R.T.: 19.698 min
Delta R.T.: -0.013 min
Response: 2953061
Conc: 21.59 ug/ml



#20 n-Hexatriacontane (C36)

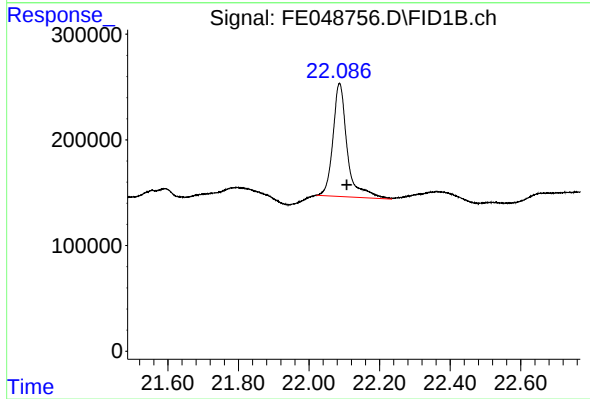
R.T.: 20.435 min
Delta R.T.: -0.015 min
Response: 2714044
Conc: 19.97 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.172 min
Delta R.T.: -0.016 min
Response: 2525141
Conc: 18.52 ug/ml

Instrument :
FID_E
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 22.087 min
Delta R.T.: -0.021 min
Response: 3012789
Conc: 22.00 ug/ml