

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD072123AL\
 Data File : FD046169.D
 Signal(s) : FID2B.ch
 Acq On : 21 Jul 2023 13:06
 Operator : YP/AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Jul 21 23:19:47 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 072023.M
 Quant Title : GC Extractables
 QLast Update : Thu Jul 20 14:31:50 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)	11.398	3450471	19.790 ug/ml
Spiked Amount 50.000		Recovery =	39.58%
12) S 1-chlorooctadecane (S...	12.832	2426725	20.168 ug/ml
Spiked Amount 50.000		Recovery =	40.34%
Target Compounds			
1) T n-Nonane (C9)	3.226	3040112	19.283 ug/ml
2) T n-Decane (C10)	4.281	3095624	19.276 ug/ml
3) T A~Naphthalene (C11.7)	5.843	3384526	19.549 ug/ml
4) T n-Dodecane (C12)	6.285	3124090	19.328 ug/ml
5) T A~2-methylnaphthalene...	6.893	3220117	19.511 ug/ml
6) T n-Tetradecane (C14)	8.069	3080598	19.364 ug/ml
7) T n-Hexadecane (C16)	9.660	3171345	19.489 ug/ml
8) T n-Octadecane (C18)	11.094	3162536	19.606 ug/ml
10) T n-Eicosane (C20)	12.394	2956432	19.806 ug/ml
11) T n-Heneicosane (C21)	13.002	2865201	19.849 ug/ml
13) T n-Docosane (C22)	13.584	2780306	19.899 ug/ml
14) T n-Tetracosane (C24)	14.679	2708322	19.669 ug/ml
15) T n-Hexacosane (C26)	15.692	2510232	19.635 ug/ml
16) T n-Octacosane (C28)	16.634	2394267	19.663 ug/ml
17) T n-Tricontane (C30)	17.514	2426166	19.603 ug/ml
18) T n-Dotriacontane (C32)	18.340	2394852	19.613 ug/ml
19) T n-Tetratriacontane (C34)	19.117	2438496	19.060 ug/ml
20) T n-Hexatriacontane (C36)	19.851	2268110	19.805 ug/ml
21) T n-Octatriacontane (C38)	20.552	2180832	19.370 ug/ml
22) T n-Tetracontane (C40)	21.371	1890604	17.625 ug/ml

(f)=RT Delta > 1/2 Window

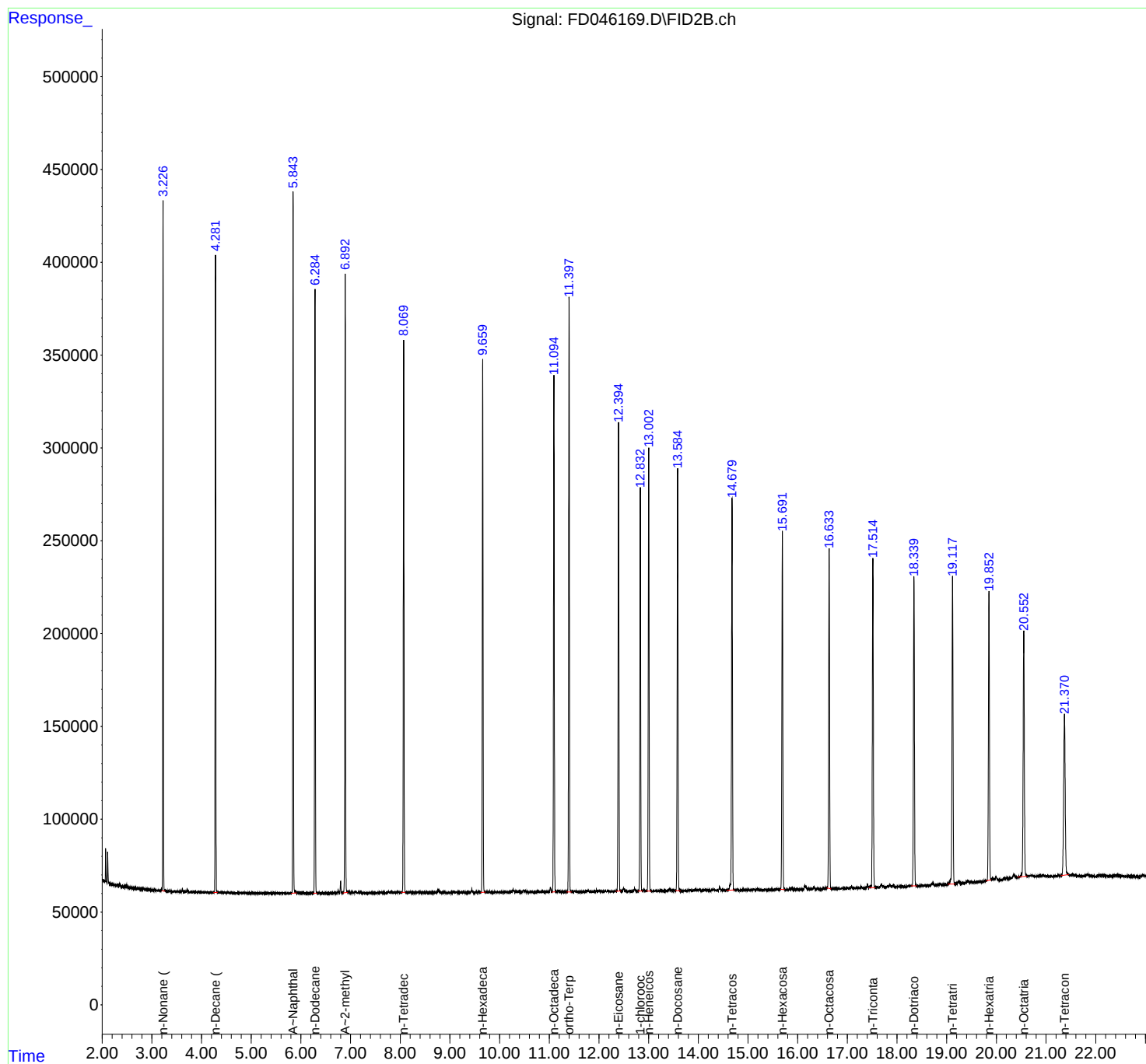
(m)=manual int.

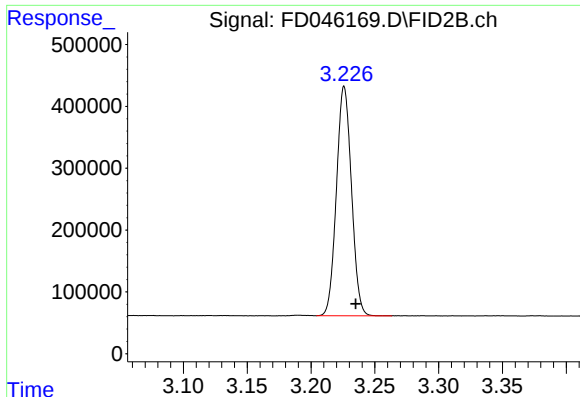
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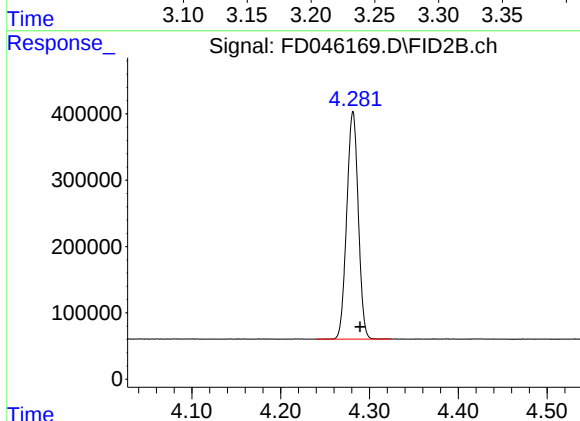




#1 n-Nonane (C9)

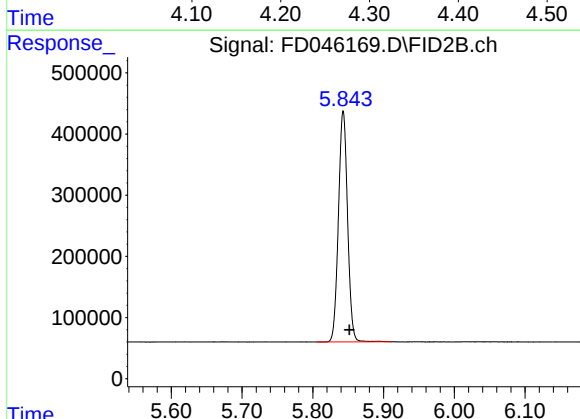
R.T.: 3.226 min
Delta R.T.: -0.009 min
Response: 3040112
Conc: 19.28 ug/ml

Instrument :
FID_D
ClientSampleId :



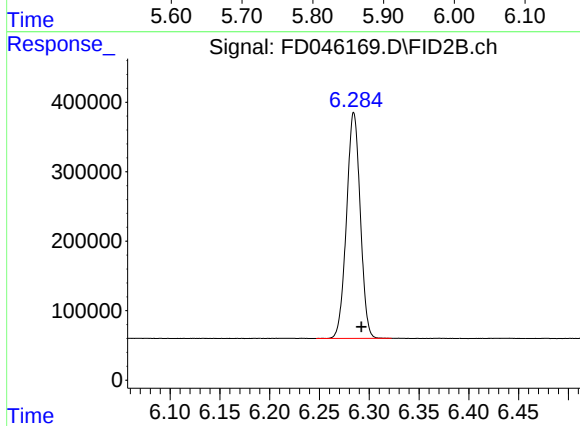
#2 n-Decane (C10)

R.T.: 4.281 min
Delta R.T.: -0.008 min
Response: 3095624
Conc: 19.28 ug/ml



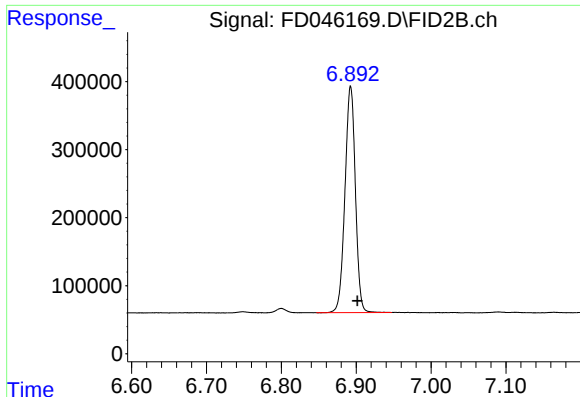
#3 A~Naphthalene (C11.7)

R.T.: 5.843 min
Delta R.T.: -0.009 min
Response: 3384526
Conc: 19.55 ug/ml



#4 n-Dodecane (C12)

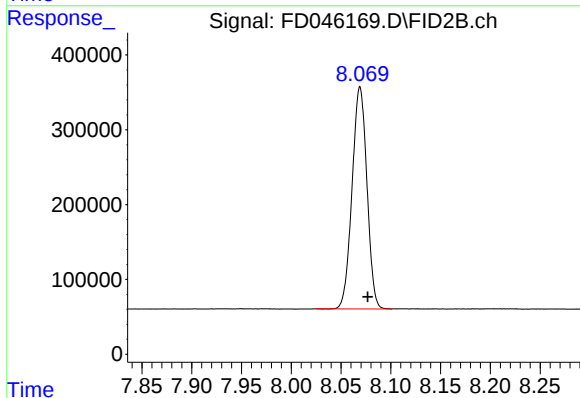
R.T.: 6.285 min
Delta R.T.: -0.008 min
Response: 3124090
Conc: 19.33 ug/ml



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

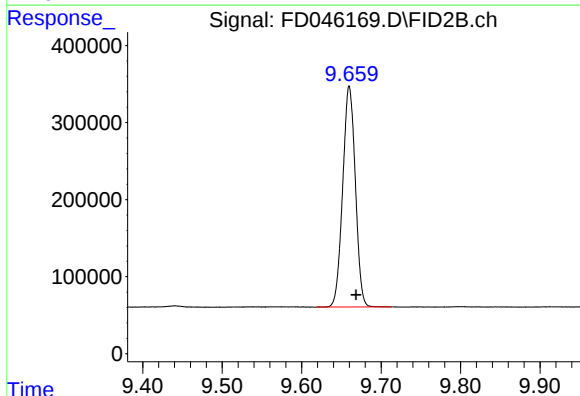
R.T.: 6.893 min
Delta R.T.: -0.009 min
Response: 3220117
Conc: 19.51 ug/ml

Instrument :
FID_D
ClientSampleId :



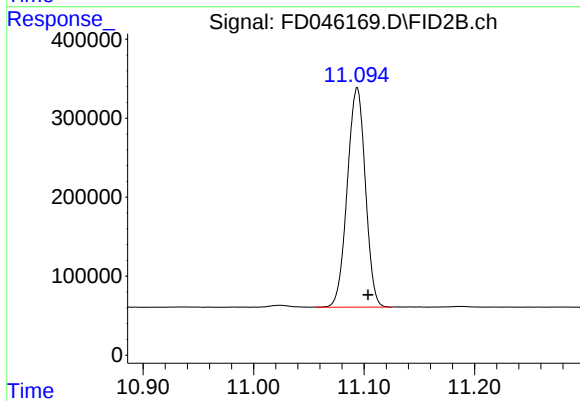
#6 n-Tetradecane (C14)

R.T.: 8.069 min
Delta R.T.: -0.008 min
Response: 3080598
Conc: 19.36 ug/ml



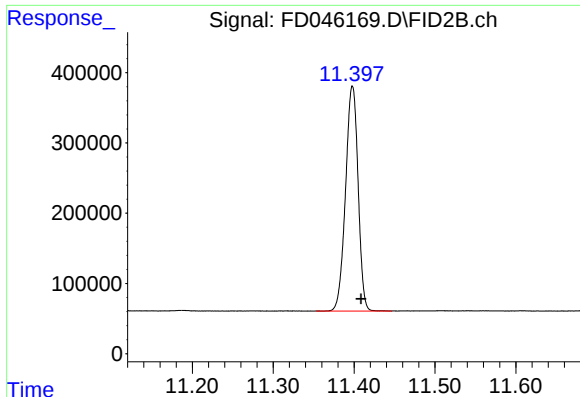
#7 n-Hexadecane (C16)

R.T.: 9.660 min
Delta R.T.: -0.009 min
Response: 3171345
Conc: 19.49 ug/ml



#8 n-Octadecane (C18)

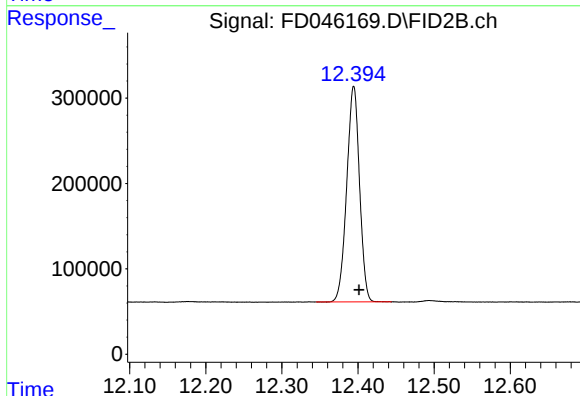
R.T.: 11.094 min
Delta R.T.: -0.010 min
Response: 3162536
Conc: 19.61 ug/ml



#9 ortho-Terphenyl (SURR)

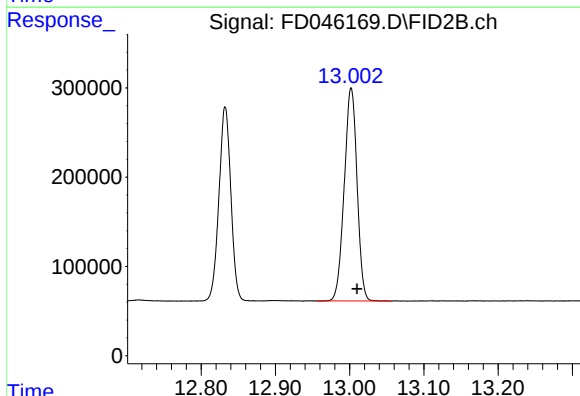
R.T.: 11.398 min
Delta R.T.: -0.011 min
Response: 3450471
Conc: 19.79 ug/ml

Instrument :
FID_D
ClientSampleId :



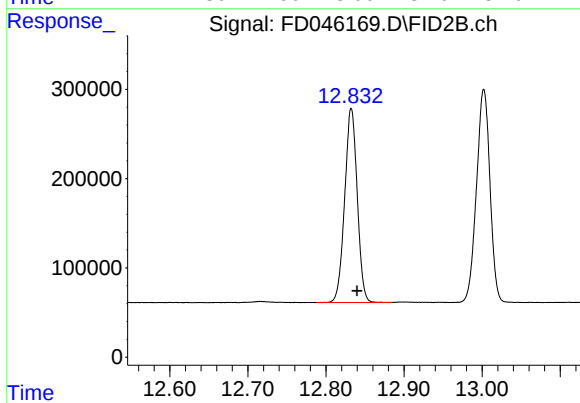
#10 n-Eicosane (C20)

R.T.: 12.394 min
Delta R.T.: -0.007 min
Response: 2956432
Conc: 19.81 ug/ml



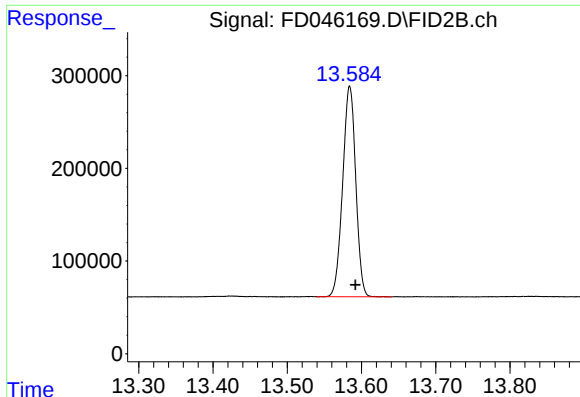
#11 n-Heneicosane (C21)

R.T.: 13.002 min
Delta R.T.: -0.008 min
Response: 2865201
Conc: 19.85 ug/ml



#12 1-chlorooctadecane (SURR)

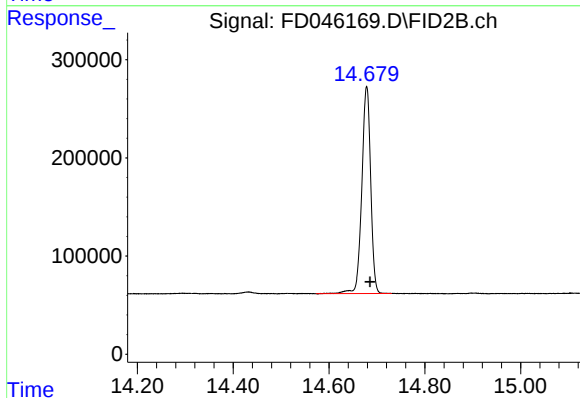
R.T.: 12.832 min
Delta R.T.: -0.008 min
Response: 2426725
Conc: 20.17 ug/ml



#13 n-Docosane (C22)

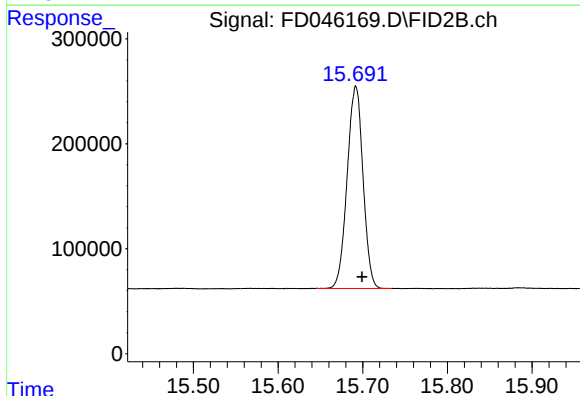
R.T.: 13.584 min
Delta R.T.: -0.008 min
Response: 2780306
Conc: 19.90 ug/ml

Instrument :
FID_D
ClientSampleId :



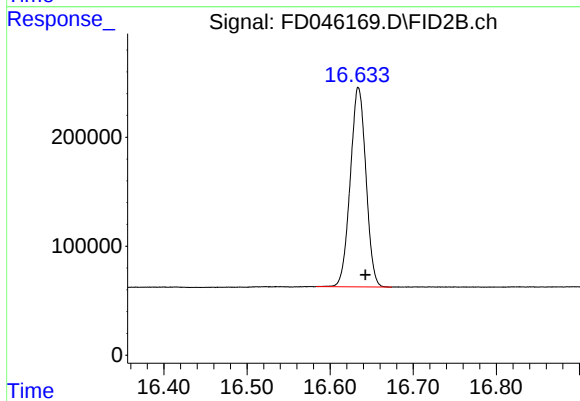
#14 n-Tetracosane (C24)

R.T.: 14.679 min
Delta R.T.: -0.007 min
Response: 2708322
Conc: 19.67 ug/ml



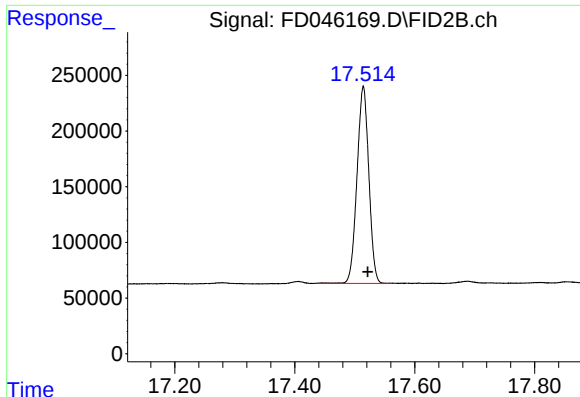
#15 n-Hexacosane (C26)

R.T.: 15.692 min
Delta R.T.: -0.007 min
Response: 2510232
Conc: 19.64 ug/ml



#16 n-Octacosane (C28)

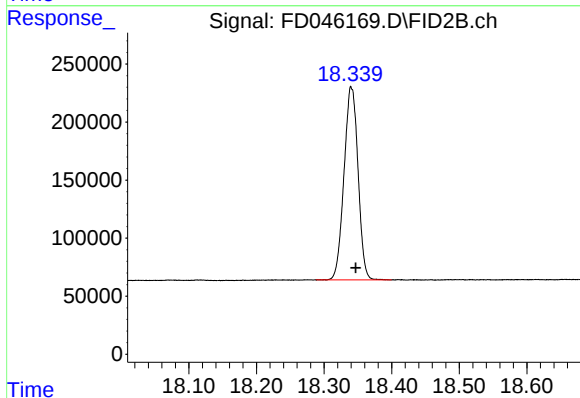
R.T.: 16.634 min
Delta R.T.: -0.008 min
Response: 2394267
Conc: 19.66 ug/ml



#17 n-Tricontane (C30)

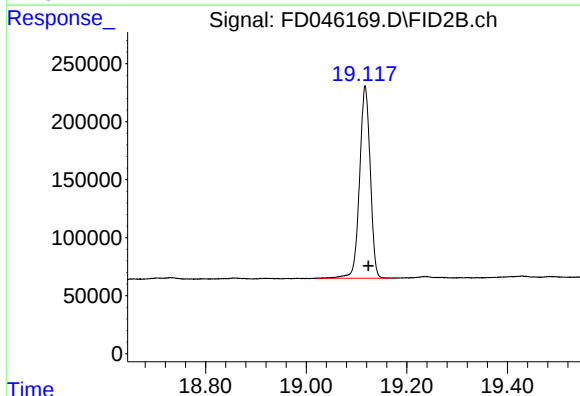
R.T.: 17.514 min
Delta R.T.: -0.007 min
Response: 2426166
Conc: 19.60 ug/ml

Instrument :
FID_D
ClientSampleId :



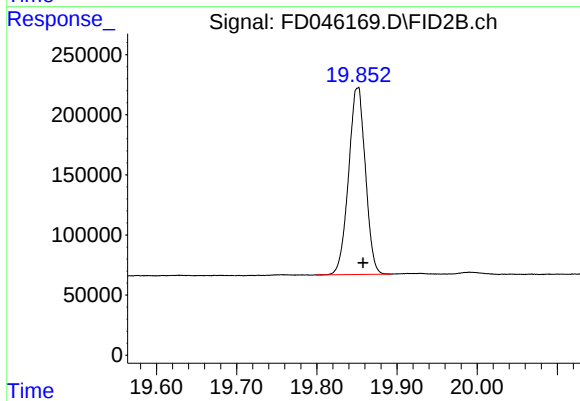
#18 n-Dotriacontane (C32)

R.T.: 18.340 min
Delta R.T.: -0.007 min
Response: 2394852
Conc: 19.61 ug/ml



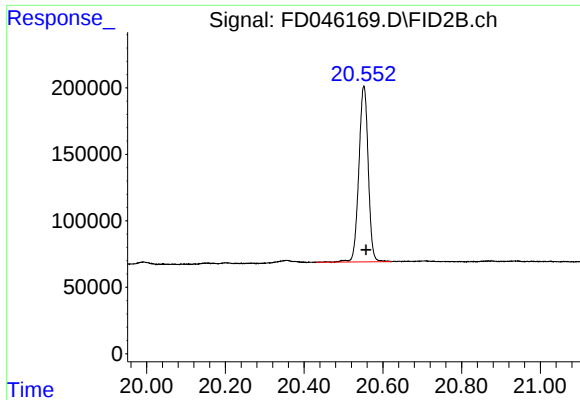
#19 n-Tetratriacontane (C34)

R.T.: 19.117 min
Delta R.T.: -0.006 min
Response: 2438496
Conc: 19.06 ug/ml



#20 n-Hexatriacontane (C36)

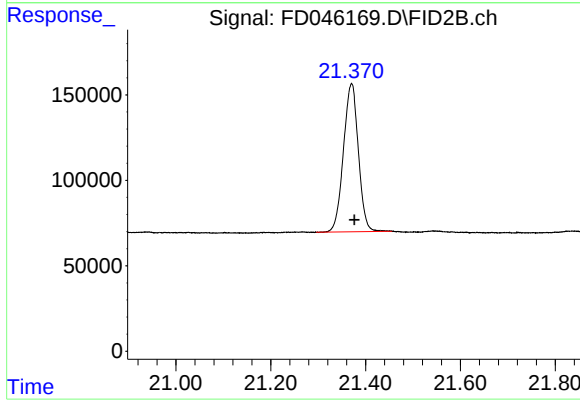
R.T.: 19.851 min
Delta R.T.: -0.007 min
Response: 2268110
Conc: 19.80 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.552 min
Delta R.T.: -0.006 min
Response: 2180832
Conc: 19.37 ug/ml

Instrument :
FID_D
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 21.371 min
Delta R.T.: -0.006 min
Response: 1890604
Conc: 17.63 ug/ml