

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD072023AL\
 Data File : FD046162.D
 Signal(s) : FID2B.ch
 Acq On : 21 Jul 2023 02:02
 Operator : YP/AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Jul 21 03:00:03 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)	11.399	3707623	21.265 ug/ml
Spiked Amount 50.000		Recovery =	42.53%
12) S 1-chlorooctadecane (S...	12.833	2662033	22.124 ug/ml
Spiked Amount 50.000		Recovery =	44.25%
Target Compounds			
1) T n-Nonane (C9)	3.231	3321596	21.068 ug/ml
2) T n-Decane (C10)	4.284	3380162	21.048 ug/ml
3) T A~Naphthalene (C11.7)	5.845	3666095	21.176 ug/ml
4) T n-Dodecane (C12)	6.286	3407153	21.079 ug/ml
5) T A~2-methylnaphthalene...	6.893	3510185	21.269 ug/ml
6) T n-Tetradecane (C14)	8.070	3357389	21.104 ug/ml
7) T n-Hexadecane (C16)	9.662	3442671	21.156 ug/ml
8) T n-Octadecane (C18)	11.095	3411360	21.149 ug/ml
10) T n-Eicosane (C20)	12.395	3183474	21.327 ug/ml
11) T n-Heneicosane (C21)	13.002	3080472	21.340 ug/ml
13) T n-Docosane (C22)	13.584	2997106	21.450 ug/ml
14) T n-Tetracosane (C24)	14.680	2935198	21.316 ug/ml
15) T n-Hexacosane (C26)	15.692	2720910	21.283 ug/ml
16) T n-Octacosane (C28)	16.635	2593224	21.297 ug/ml
17) T n-Tricontane (C30)	17.516	2612562	21.109 ug/ml
18) T n-Dotriacontane (C32)	18.342	2593502	21.240 ug/ml
19) T n-Tetratriacontane (C34)	19.118	2626294	20.527 ug/ml
20) T n-Hexatriacontane (C36)	19.853	2494331	21.780 ug/ml
21) T n-Octatriacontane (C38)	20.552	2476249	21.994 ug/ml
22) T n-Tetracontane (C40)	21.371	2330348	21.725 ug/ml

(f)=RT Delta > 1/2 Window

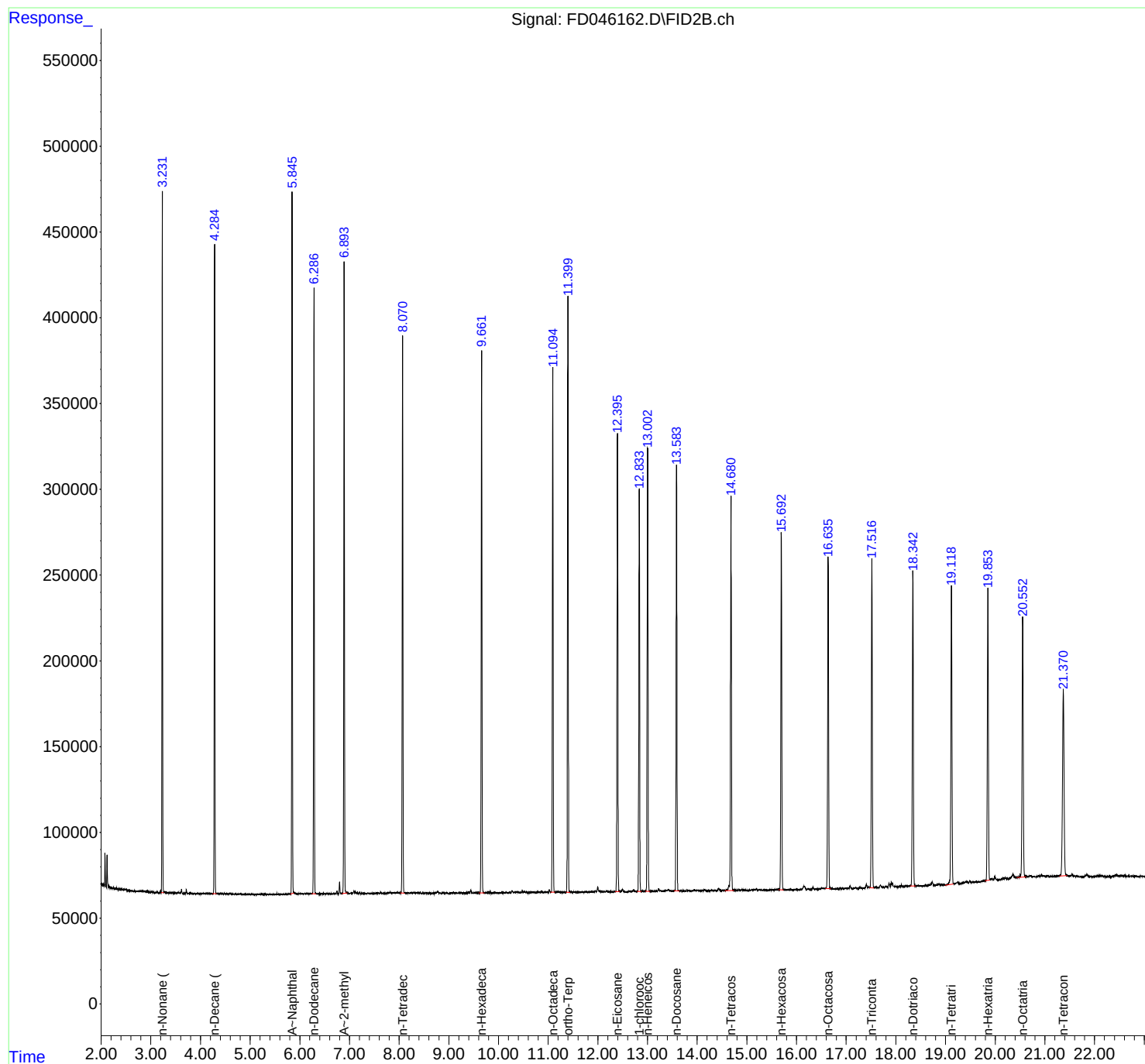
(m)=manual int.

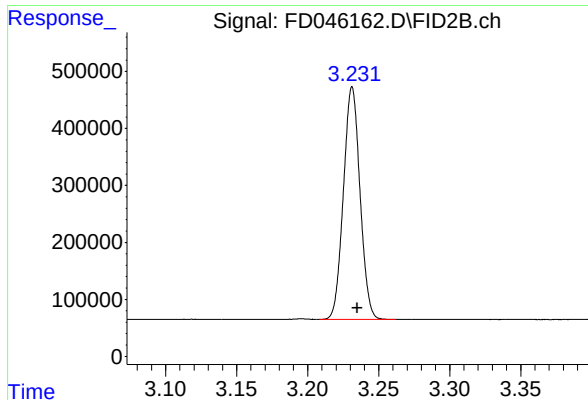
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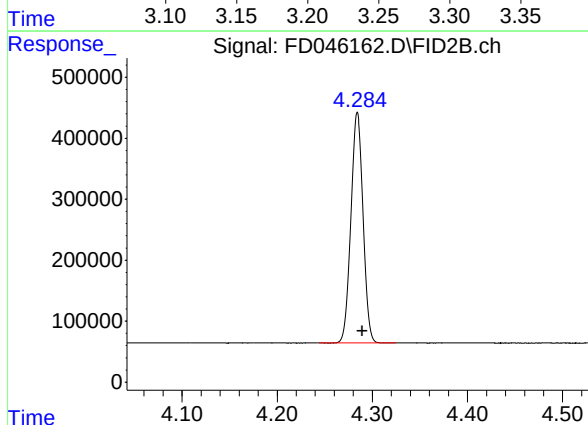




#1 n-Nonane (C9)

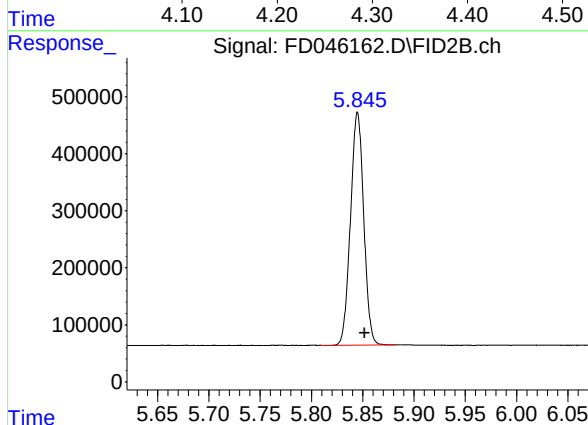
R.T.: 3.231 min
Delta R.T.: -0.004 min
Response: 3321596
Conc: 21.07 ug/ml

Instrument :
FID_D
ClientSampleId :



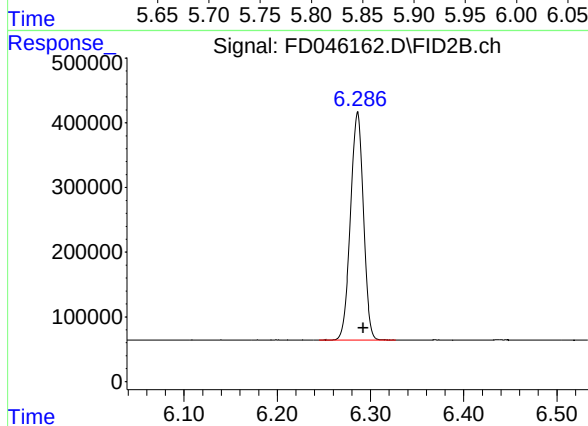
#2 n-Decane (C10)

R.T.: 4.284 min
Delta R.T.: -0.005 min
Response: 3380162
Conc: 21.05 ug/ml



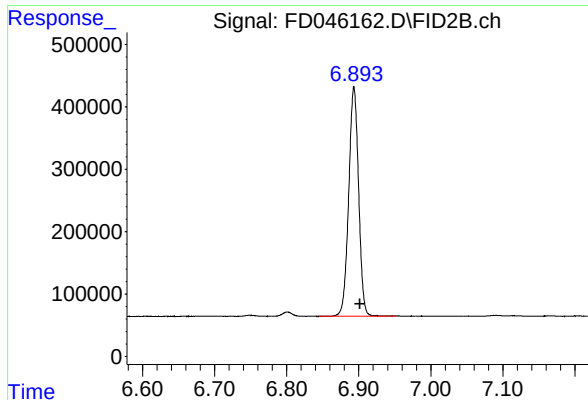
#3 A~Naphthalene (C11.7)

R.T.: 5.845 min
Delta R.T.: -0.007 min
Response: 3666095
Conc: 21.18 ug/ml



#4 n-Dodecane (C12)

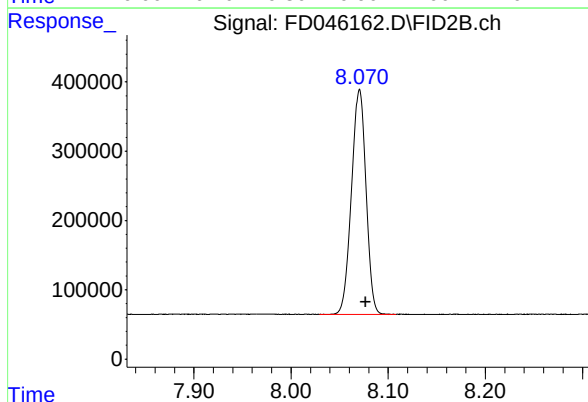
R.T.: 6.286 min
Delta R.T.: -0.006 min
Response: 3407153
Conc: 21.08 ug/ml



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

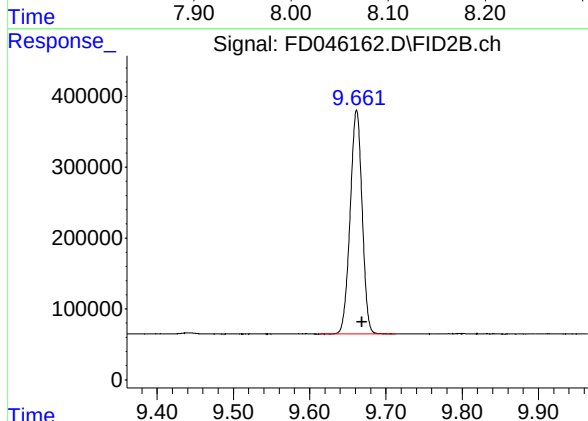
R.T.: 6.893 min
Delta R.T.: -0.008 min
Response: 3510185
Conc: 21.27 ug/ml

Instrument :
FID_D
ClientSampleId :



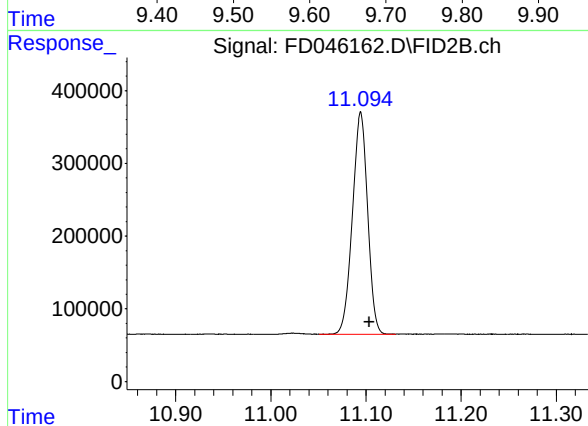
#6 n-Tetradecane (C14)

R.T.: 8.070 min
Delta R.T.: -0.006 min
Response: 3357389
Conc: 21.10 ug/ml



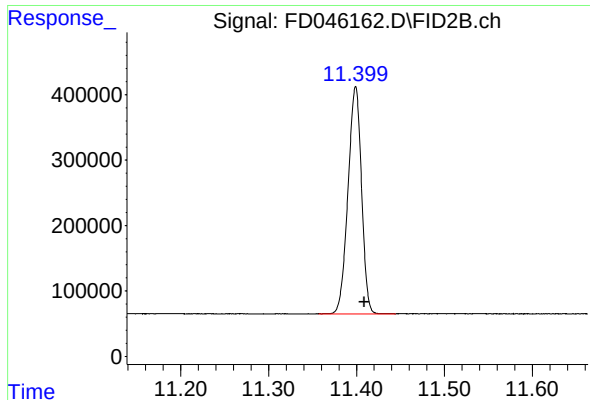
#7 n-Hexadecane (C16)

R.T.: 9.662 min
Delta R.T.: -0.007 min
Response: 3442671
Conc: 21.16 ug/ml



#8 n-Octadecane (C18)

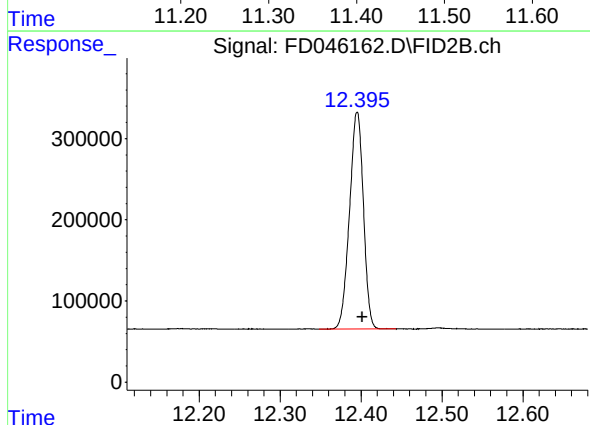
R.T.: 11.095 min
Delta R.T.: -0.009 min
Response: 3411360
Conc: 21.15 ug/ml



#9 ortho-Terphenyl (SURR)

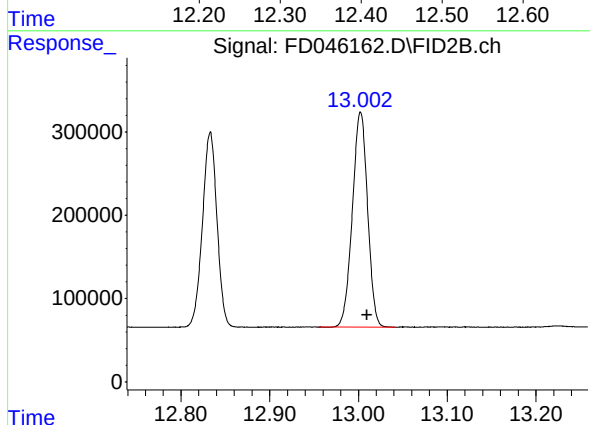
R.T.: 11.399 min
Delta R.T.: -0.010 min
Response: 3707623
Conc: 21.27 ug/ml

Instrument :
FID_D
ClientSampleId :



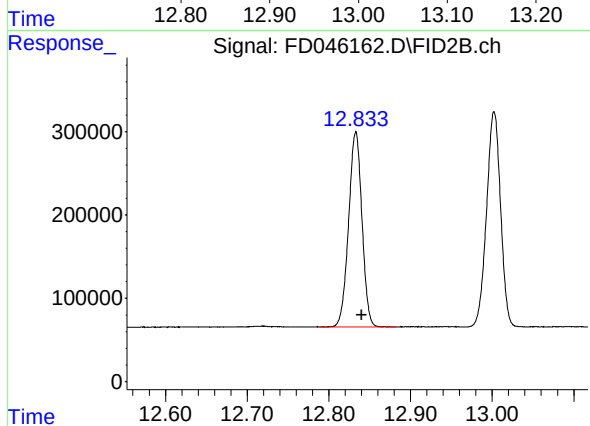
#10 n-Eicosane (C20)

R.T.: 12.395 min
Delta R.T.: -0.006 min
Response: 3183474
Conc: 21.33 ug/ml



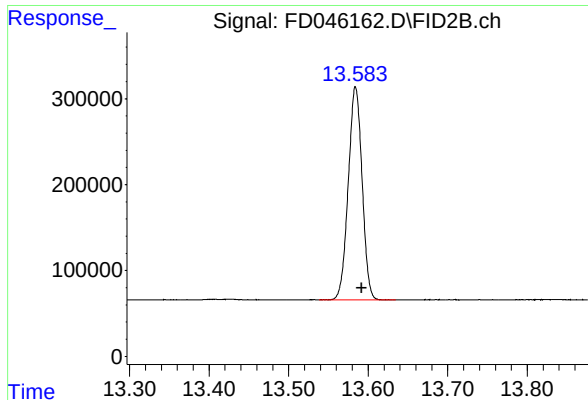
#11 n-Heneicosane (C21)

R.T.: 13.002 min
Delta R.T.: -0.007 min
Response: 3080472
Conc: 21.34 ug/ml



#12 1-chlorooctadecane (SURR)

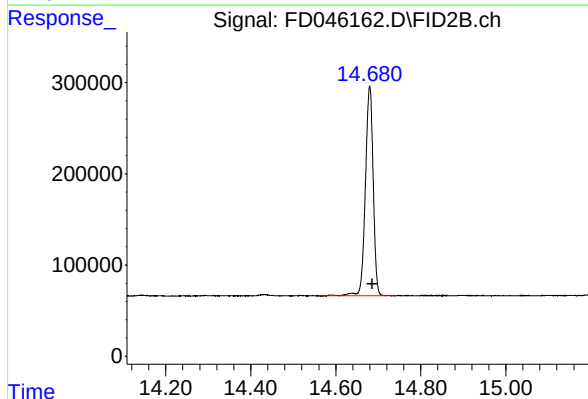
R.T.: 12.833 min
Delta R.T.: -0.007 min
Response: 2662033
Conc: 22.12 ug/ml



#13 n-Docosane (C22)

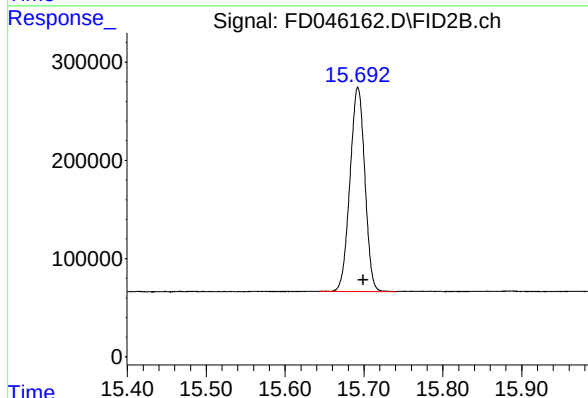
R.T.: 13.584 min
Delta R.T.: -0.008 min
Response: 2997106
Conc: 21.45 ug/ml

Instrument :
FID_D
ClientSampleId :



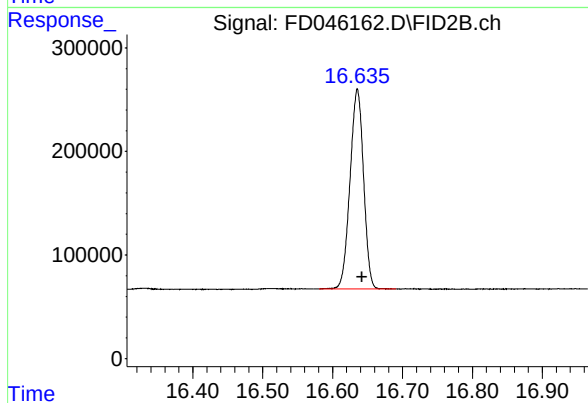
#14 n-Tetracosane (C24)

R.T.: 14.680 min
Delta R.T.: -0.006 min
Response: 2935198
Conc: 21.32 ug/ml



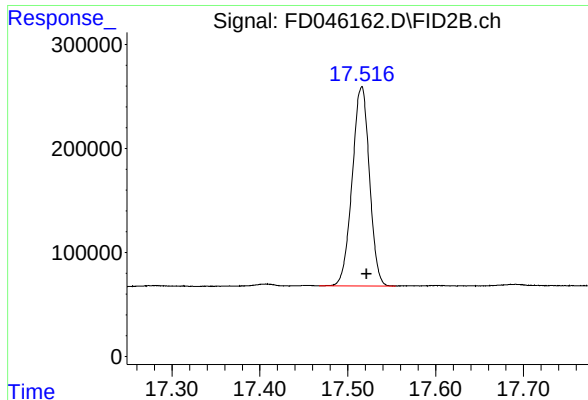
#15 n-Hexacosane (C26)

R.T.: 15.692 min
Delta R.T.: -0.007 min
Response: 2720910
Conc: 21.28 ug/ml



#16 n-Octacosane (C28)

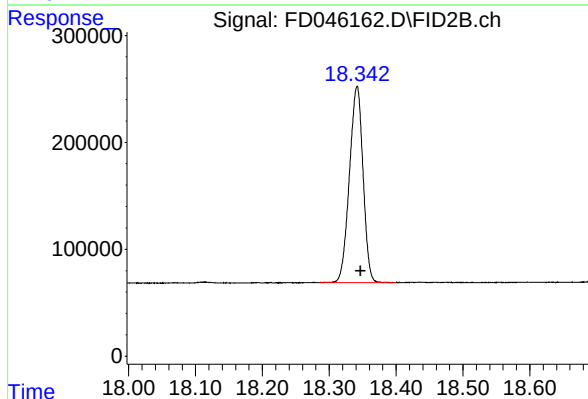
R.T.: 16.635 min
Delta R.T.: -0.007 min
Response: 2593224
Conc: 21.30 ug/ml



#17 n-Tricontane (C30)

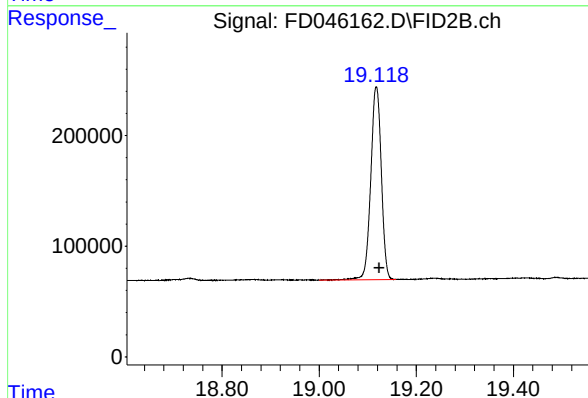
R.T.: 17.516 min
Delta R.T.: -0.006 min
Response: 2612562
Conc: 21.11 ug/ml

Instrument :
FID_D
ClientSampleId :



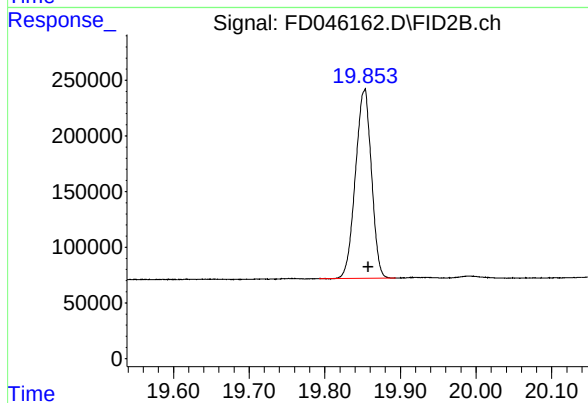
#18 n-Dotriacontane (C32)

R.T.: 18.342 min
Delta R.T.: -0.005 min
Response: 2593502
Conc: 21.24 ug/ml



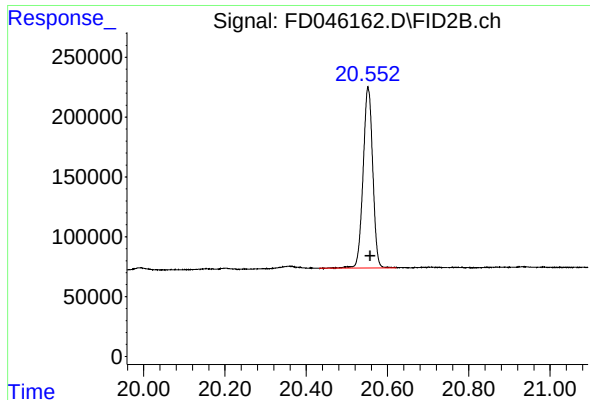
#19 n-Tetratriacontane (C34)

R.T.: 19.118 min
Delta R.T.: -0.006 min
Response: 2626294
Conc: 20.53 ug/ml



#20 n-Hexatriacontane (C36)

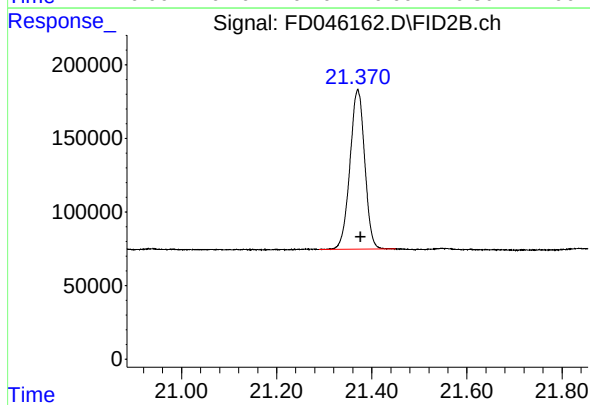
R.T.: 19.853 min
Delta R.T.: -0.005 min
Response: 2494331
Conc: 21.78 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.552 min
Delta R.T.: -0.006 min
Response: 2476249
Conc: 21.99 ug/ml

Instrument :
FID_D
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 21.371 min
Delta R.T.: -0.006 min
Response: 2330348
Conc: 21.72 ug/ml