

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF051324AL\
 Data File : FF014222.D
 Signal(s) : FID2B.ch
 Acq On : 13 May 2024 12:56
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 61 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: May 14 01:34:59 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aliphatic EPH 051124.M
 Quant Title : GC Extractables
 QLast Update : Sat May 11 04:41:44 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)	11.838	3135027	22.252 ug/ml
Spiked Amount 50.000		Recovery =	44.50%
12) S 1-chlorooctadecane (S...	13.280	2181052	21.505 ug/ml
Spiked Amount 50.000		Recovery =	43.01%
Target Compounds			
1) T n-Nonane (C9)	3.238	2863815	21.988 ug/ml
2) T n-Decane (C10)	4.487	2919409	22.031 ug/ml
3) T A~Naphthalene (C11.7)	6.182	2880789	21.644 ug/ml
4) T n-Dodecane (C12)	6.651	2934184	22.083 ug/ml
5) T A~2-methylnaphthalene...	7.277	2649368	21.744 ug/ml
6) T n-Tetradecane (C14)	8.478	2859370	22.135 ug/ml
7) T n-Hexadecane (C16)	10.084	2914519	22.265 ug/ml
8) T n-Octadecane (C18)	11.527	2955103	22.227 ug/ml
10) T n-Eicosane (C20)	12.837	2817076	22.061 ug/ml
11) T n-Heneicosane (C21)	13.449	2752181	22.020 ug/ml
13) T n-Docosane (C22)	14.035	2704050	21.962 ug/ml
14) T n-Tetracosane (C24)	15.139	2621396	21.710 ug/ml
15) T n-Hexacosane (C26)	16.162	2514819	21.604 ug/ml
16) T n-Octacosane (C28)	17.110	2395101	21.319 ug/ml
17) T n-Tricontane (C30)	18.000	2352305	20.945 ug/ml
18) T n-Dotriacontane (C32)	18.830	2229875	20.474 ug/ml
19) T n-Tetratriacontane (C34)	19.615	2070675	19.876 ug/ml
20) T n-Hexatriacontane (C36)	20.355	1897200	19.138 ug/ml
21) T n-Octatriacontane (C38)	21.079	1743925	18.071 ug/ml
22) T n-Tetracontane (C40)	21.961	1479218	15.766 ug/ml

(f)=RT Delta > 1/2 Window

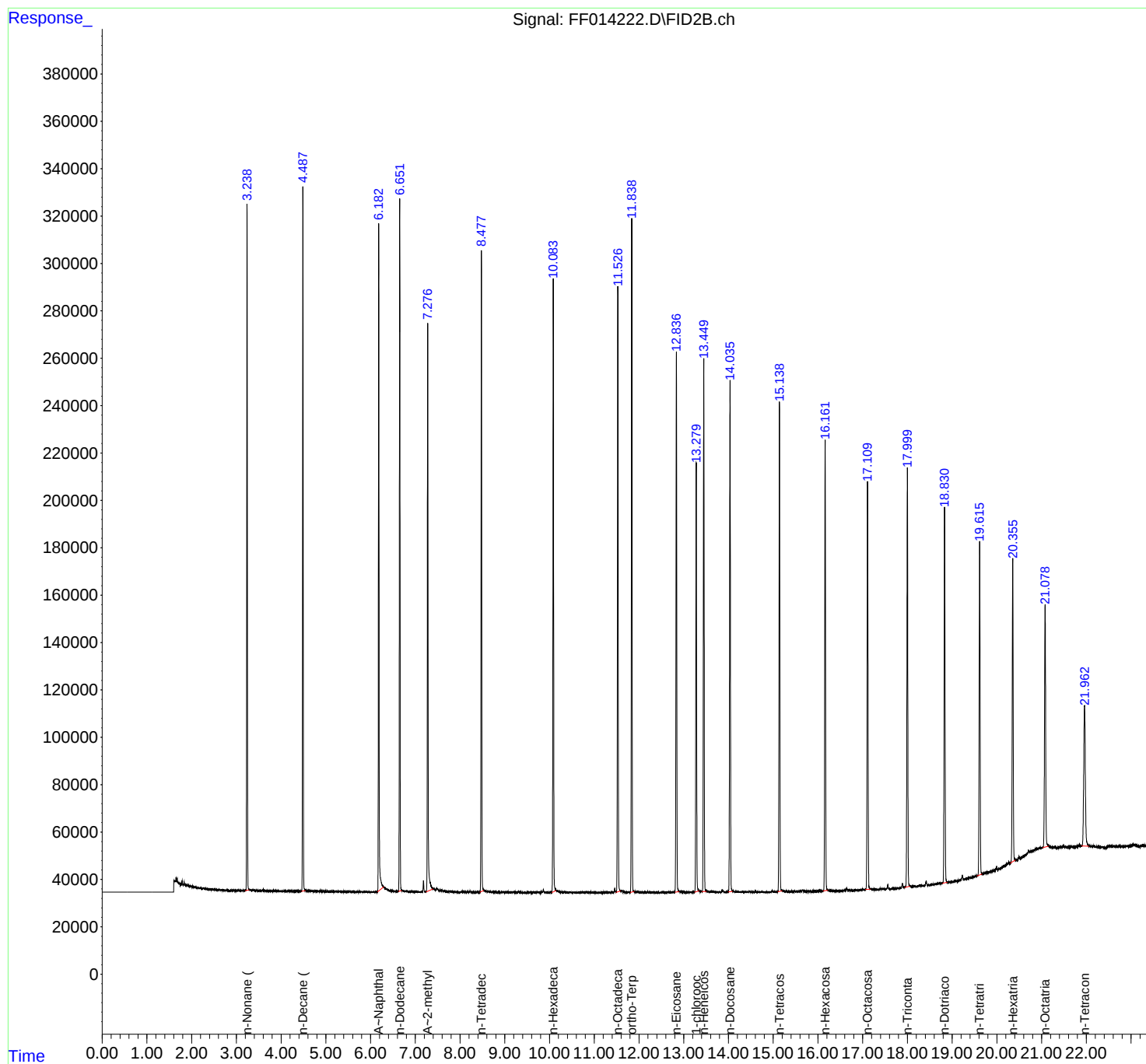
(m)=manual int.

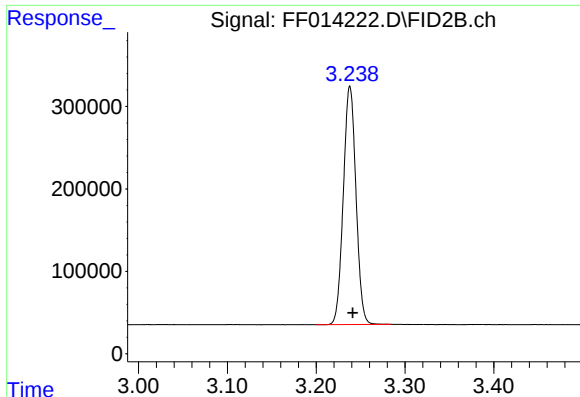
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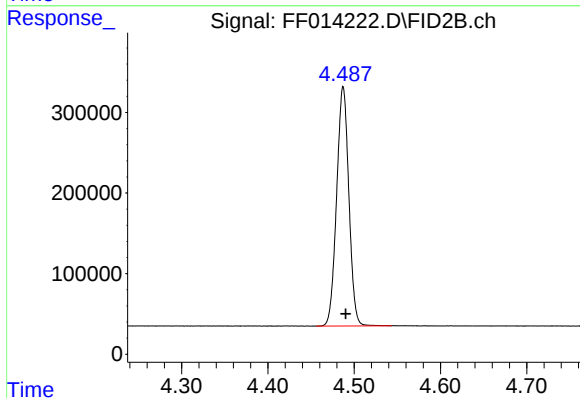




#1 n-Nonane (C9)

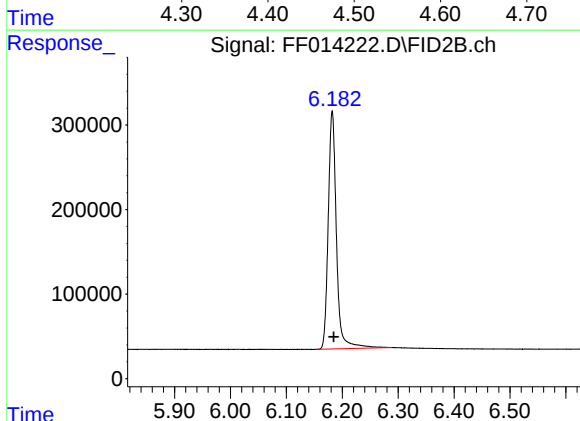
R.T.: 3.238 min
Delta R.T.: -0.003 min
Response: 2863815
Conc: 21.99 ug/ml

Instrument :
FID_F
ClientSampleId :
20 PPM ALIPHATIC HC STD



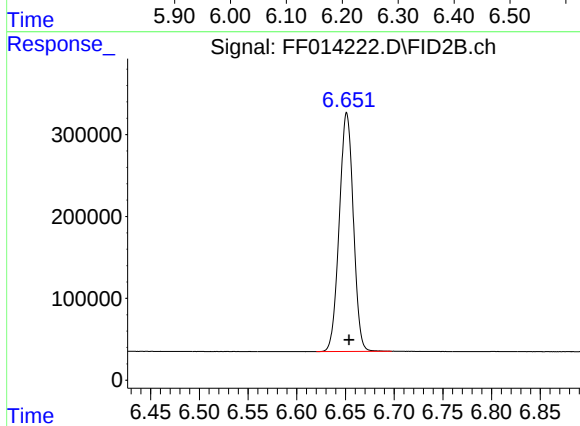
#2 n-Decane (C10)

R.T.: 4.487 min
Delta R.T.: -0.003 min
Response: 2919409
Conc: 22.03 ug/ml



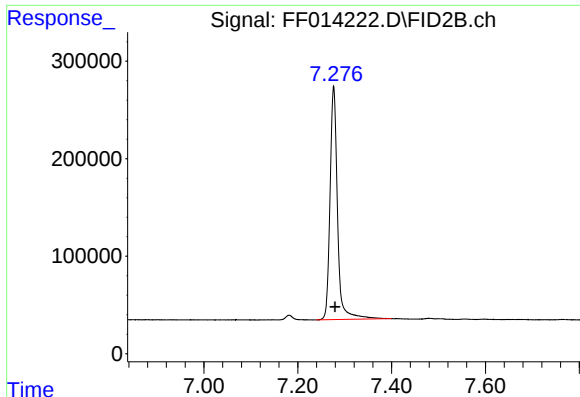
#3 A~Naphthalene (C11.7)

R.T.: 6.182 min
Delta R.T.: -0.003 min
Response: 2880789
Conc: 21.64 ug/ml



#4 n-Dodecane (C12)

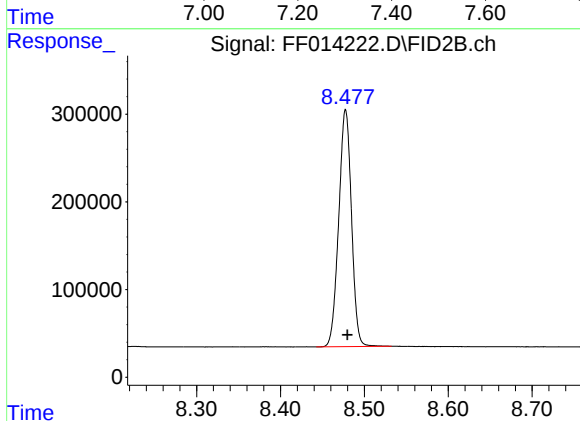
R.T.: 6.651 min
Delta R.T.: -0.002 min
Response: 2934184
Conc: 22.08 ug/ml



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

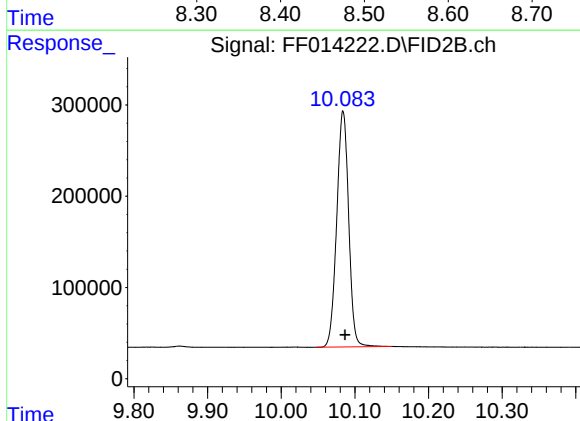
R.T.: 7.277 min
Delta R.T.: -0.003 min
Response: 2649368
Conc: 21.74 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



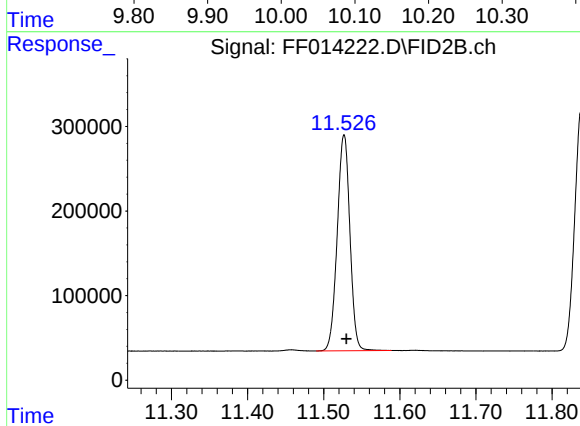
#6 n-Tetradecane (C14)

R.T.: 8.478 min
Delta R.T.: -0.002 min
Response: 2859370
Conc: 22.13 ug/ml



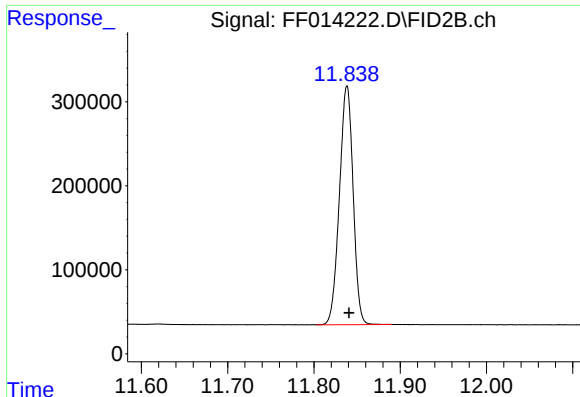
#7 n-Hexadecane (C16)

R.T.: 10.084 min
Delta R.T.: -0.002 min
Response: 2914519
Conc: 22.26 ug/ml



#8 n-Octadecane (C18)

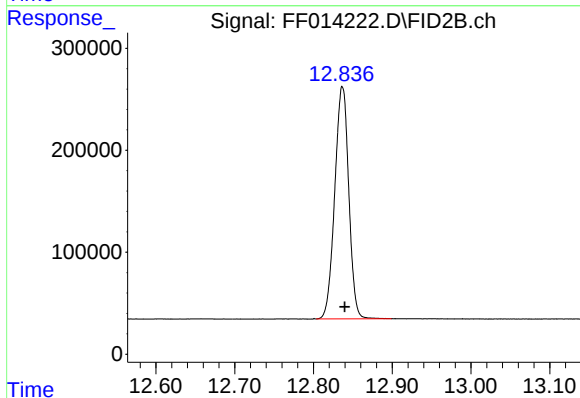
R.T.: 11.527 min
Delta R.T.: -0.003 min
Response: 2955103
Conc: 22.23 ug/ml



#9 ortho-Terphenyl (SURR)

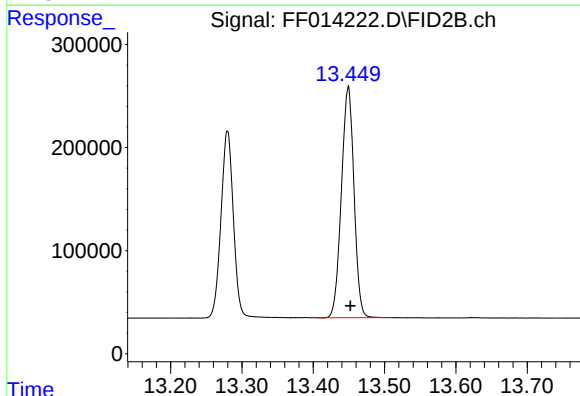
R.T.: 11.838 min
Delta R.T.: -0.003 min
Response: 3135027
Conc: 22.25 ug/ml

Instrument :
FID_F
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20 PPM ALIPHATIC HC STD



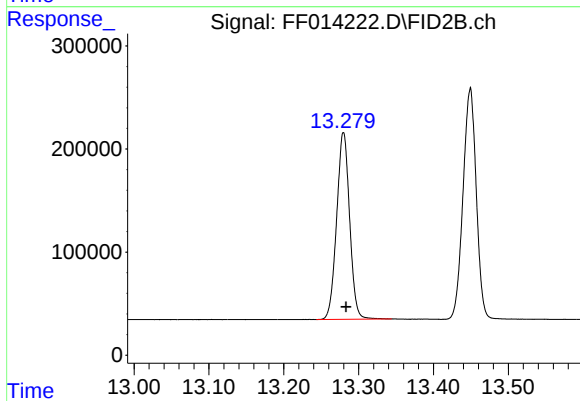
#10 n-Eicosane (C20)

R.T.: 12.837 min
Delta R.T.: -0.003 min
Response: 2817076
Conc: 22.06 ug/ml



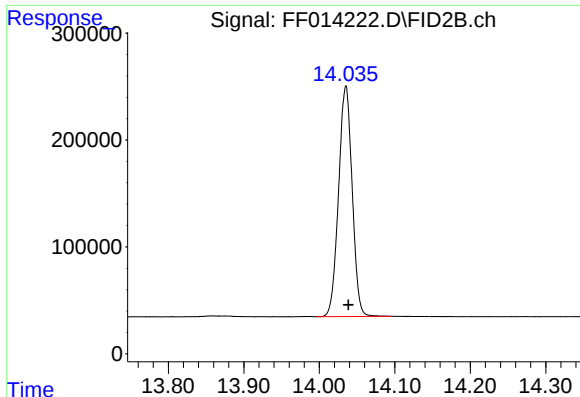
#11 n-Heneicosane (C21)

R.T.: 13.449 min
Delta R.T.: -0.003 min
Response: 2752181
Conc: 22.02 ug/ml



#12 1-chlorooctadecane (SURR)

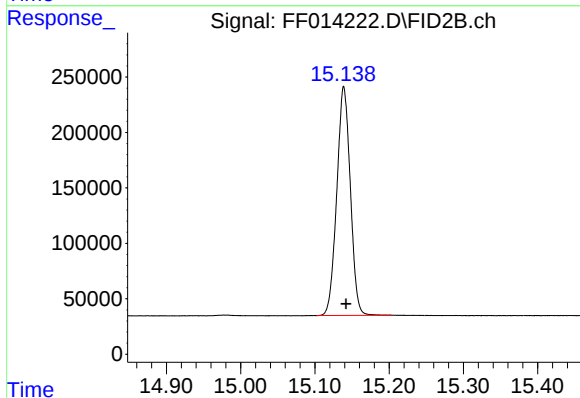
R.T.: 13.280 min
Delta R.T.: -0.004 min
Response: 2181052
Conc: 21.50 ug/ml



#13 n-Docosane (C22)

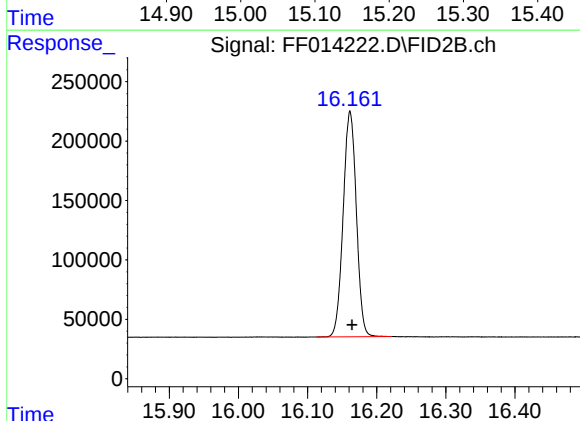
R.T.: 14.035 min
Delta R.T.: -0.003 min
Response: 2704050
Conc: 21.96 ug/ml

Instrument :
FID_F
ClientSampleId :
20 PPM ALIPHATIC HC STD



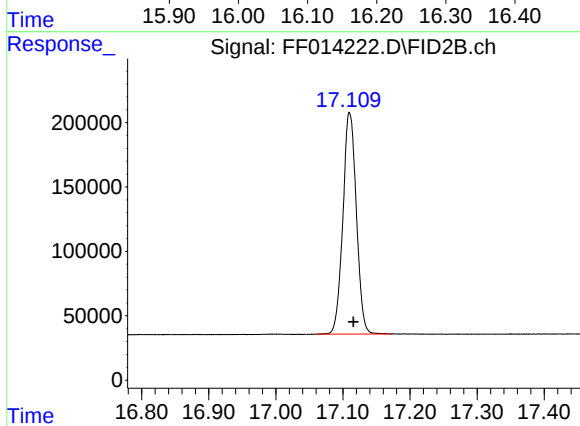
#14 n-Tetracosane (C24)

R.T.: 15.139 min
Delta R.T.: -0.003 min
Response: 2621396
Conc: 21.71 ug/ml



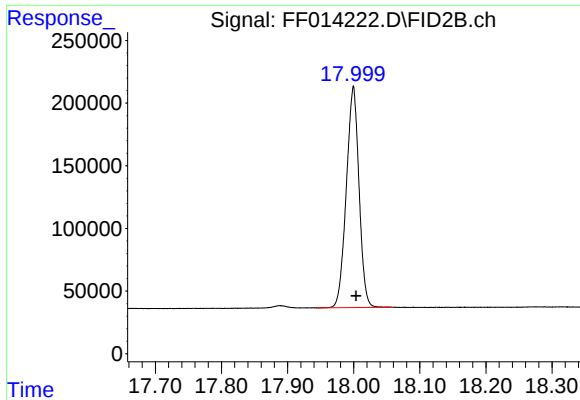
#15 n-Hexacosane (C26)

R.T.: 16.162 min
Delta R.T.: -0.003 min
Response: 2514819
Conc: 21.60 ug/ml



#16 n-Octacosane (C28)

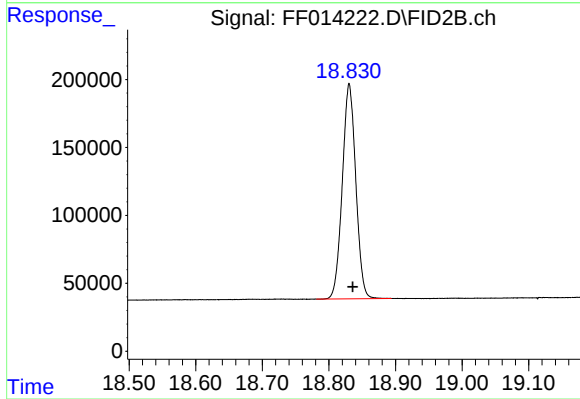
R.T.: 17.110 min
Delta R.T.: -0.006 min
Response: 2395101
Conc: 21.32 ug/ml



#17 n-Tricontane (C30)

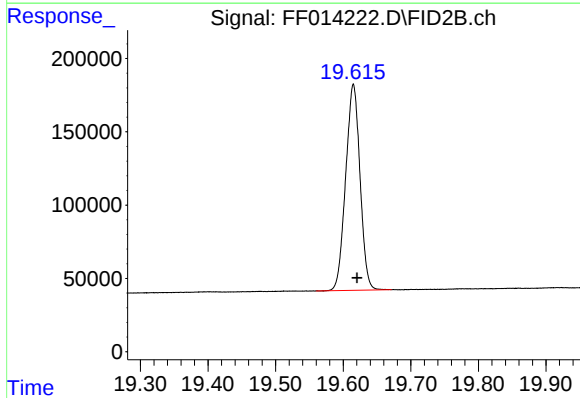
R.T.: 18.000 min
Delta R.T.: -0.004 min
Response: 2352305
Conc: 20.95 ug/ml

Instrument :
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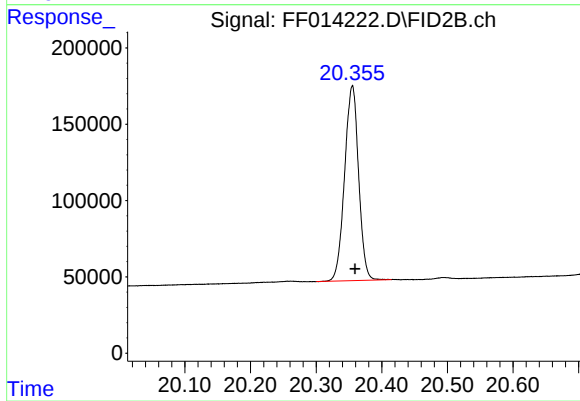
#18 n-Dotriacontane (C32)

R.T.: 18.830 min
Delta R.T.: -0.005 min
Response: 2229875
Conc: 20.47 ug/ml



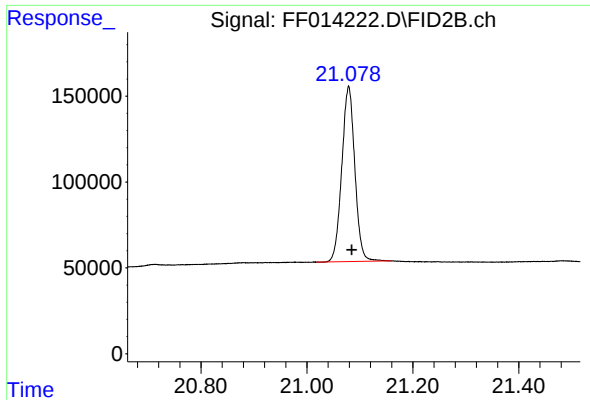
#19 n-Tetratriacontane (C34)

R.T.: 19.615 min
Delta R.T.: -0.005 min
Response: 2070675
Conc: 19.88 ug/ml



#20 n-Hexatriacontane (C36)

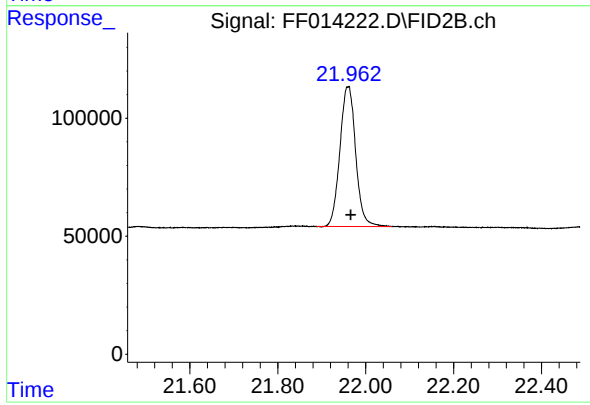
R.T.: 20.355 min
Delta R.T.: -0.004 min
Response: 1897200
Conc: 19.14 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.079 min
Delta R.T.: -0.006 min
Response: 1743925
Conc: 18.07 ug/ml

Instrument :
FID_F
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#22 n-Tetracontane (C40)

R.T.: 21.961 min
Delta R.T.: -0.005 min
Response: 1479218
Conc: 15.77 ug/ml