

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF052223AL\
 Data File : FF012675.D
 Signal(s) : FID2B.ch
 Acq On : 22 May 2023 09:04
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: May 23 03:11:11 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aliphatic EPH 051923.M
 Quant Title : GC Extractables
 QLast Update : Fri May 19 12:25:00 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)	10.907	3265185	20.385 ug/ml
Spiked Amount 50.000		Recovery =	40.77%
12) S 1-chlorooctadecane (S...	12.339	2396815	20.280 ug/ml
Spiked Amount 50.000		Recovery =	40.56%
Target Compounds			
1) T n-Nonane (C9)	2.767	2691798	20.569 ug/ml
2) T n-Decane (C10)	3.776	2764381	20.692 ug/ml
3) T A~Naphthalene (C11.7)	5.342	2820934	20.022 ug/ml
4) T n-Dodecane (C12)	5.761	2786067	20.583 ug/ml
5) T A~2-methylnaphthalene...	6.390	2652698	19.987 ug/ml
6) T n-Tetradecane (C14)	7.550	2732250	20.421 ug/ml
7) T n-Hexadecane (C16)	9.148	2826725	20.419 ug/ml
8) T n-Octadecane (C18)	10.587	2910142	20.443 ug/ml
10) T n-Eicosane (C20)	11.894	2813129	20.456 ug/ml
11) T n-Heneicosane (C21)	12.504	2762074	20.424 ug/ml
13) T n-Docosane (C22)	13.089	2725399	20.359 ug/ml
14) T n-Tetracosane (C24)	14.190	2671075	20.314 ug/ml
15) T n-Hexacosane (C26)	15.210	2581414	20.303 ug/ml
16) T n-Octacosane (C28)	16.157	2497456	20.313 ug/ml
17) T n-Tricontane (C30)	17.043	2527611	20.474 ug/ml
18) T n-Dotriacontane (C32)	17.873	2487895	20.562 ug/ml
19) T n-Tetratriacontane (C34)	18.655	2416266	20.653 ug/ml
20) T n-Hexatriacontane (C36)	19.395	2322562	20.614 ug/ml
21) T n-Octatriacontane (C38)	20.123	2278863	20.459 ug/ml
22) T n-Tetracontane (C40)	21.018	2203753	19.971 ug/ml

(f)=RT Delta > 1/2 Window

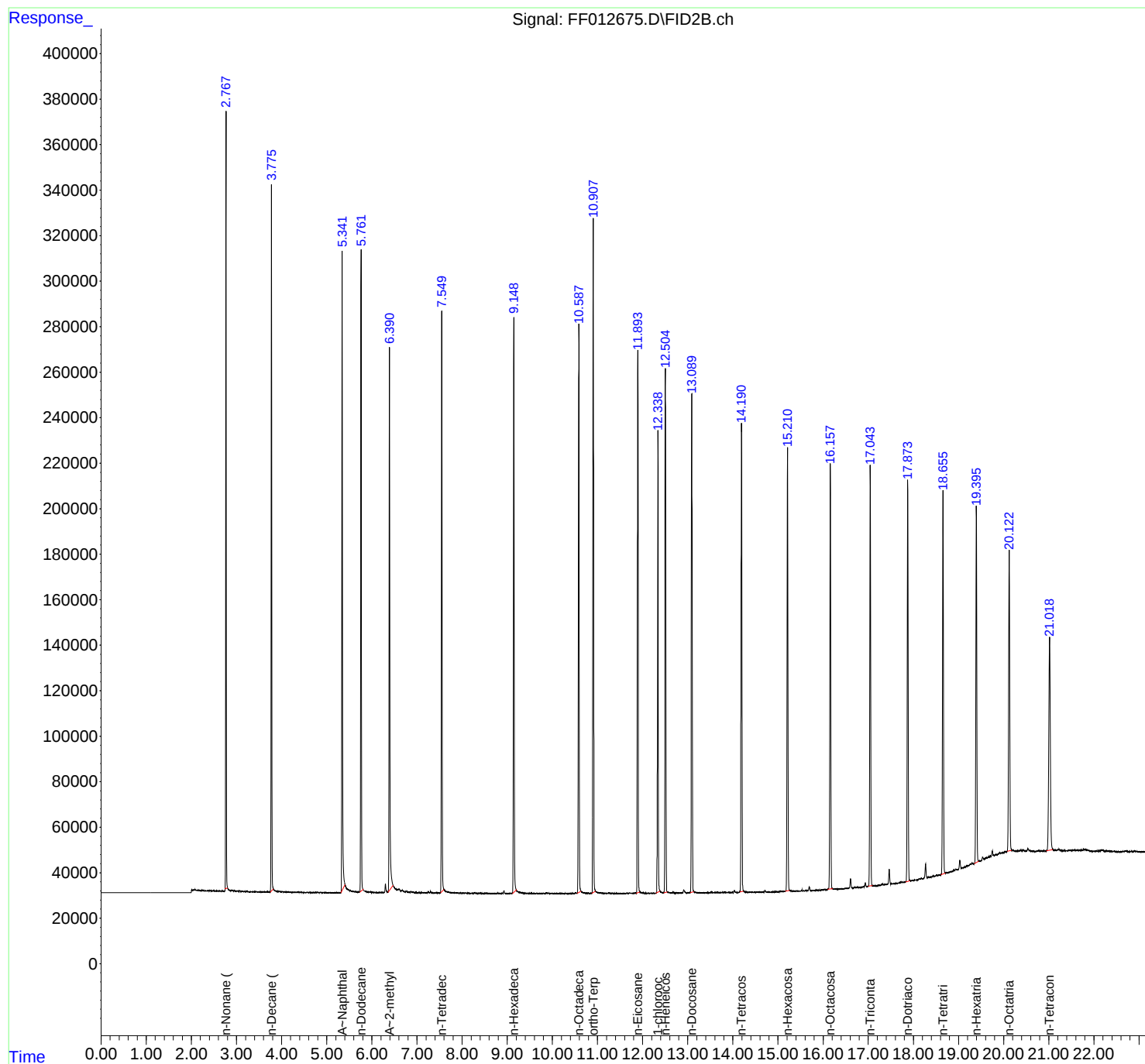
(m)=manual int.

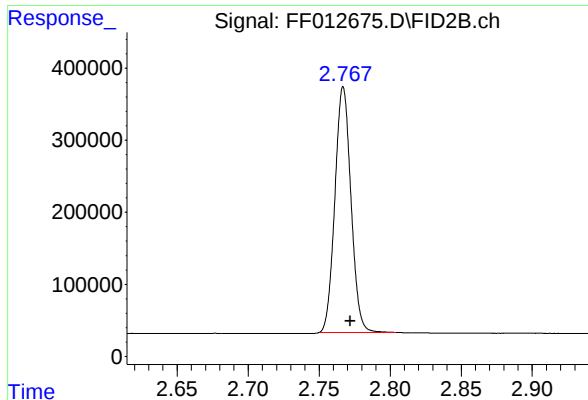
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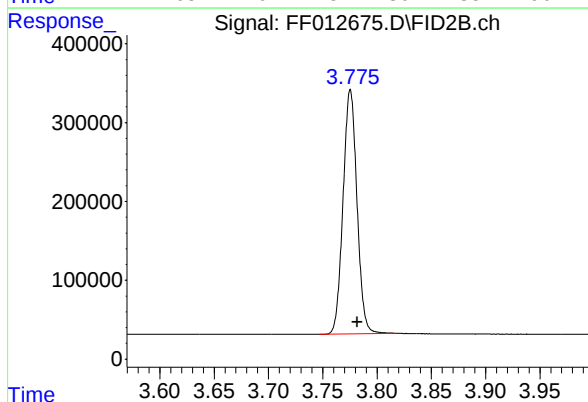




#1 n-Nonane (C9)

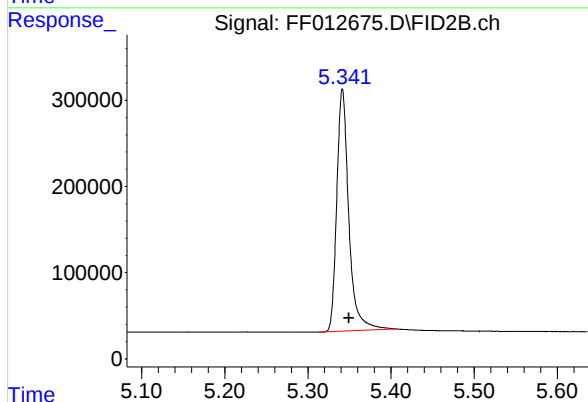
R.T.: 2.767 min
Delta R.T.: -0.005 min
Response: 2691798
Conc: 20.57 ug/ml

Instrument :
FID_F
ClientSampleId :
20 PPM ALIPHATIC HC STD



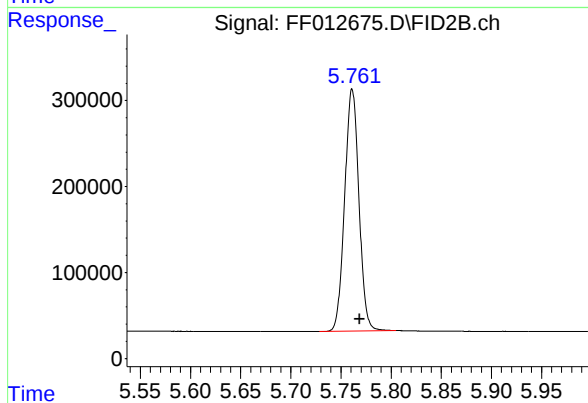
#2 n-Decane (C10)

R.T.: 3.776 min
Delta R.T.: -0.006 min
Response: 2764381
Conc: 20.69 ug/ml



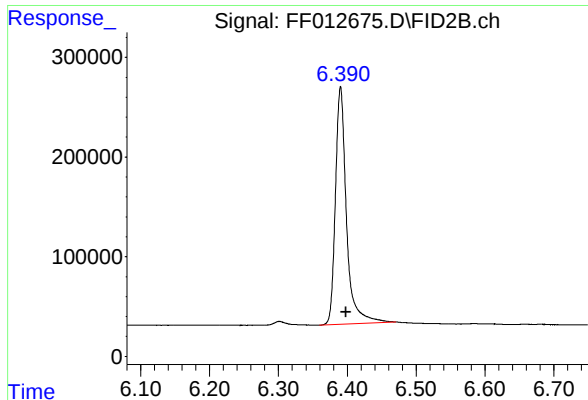
#3 A~Naphthalene (C11.7)

R.T.: 5.342 min
Delta R.T.: -0.008 min
Response: 2820934
Conc: 20.02 ug/ml



#4 n-Dodecane (C12)

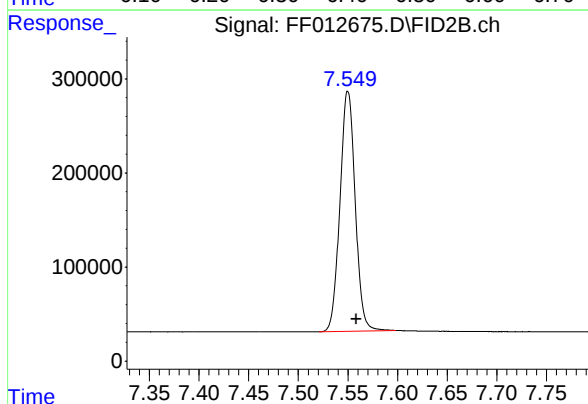
R.T.: 5.761 min
Delta R.T.: -0.007 min
Response: 2786067
Conc: 20.58 ug/ml



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

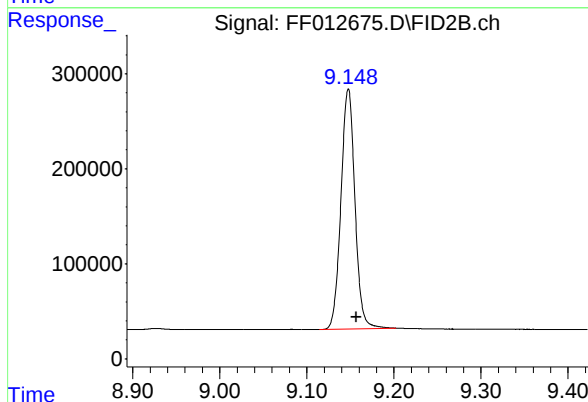
R.T.: 6.390 min
Delta R.T.: -0.008 min
Response: 2652698
Conc: 19.99 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



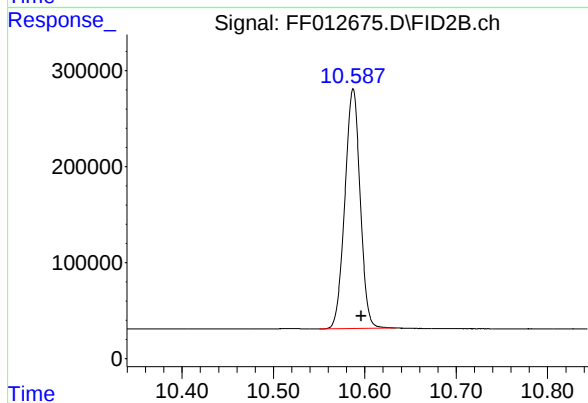
#6 n-Tetradecane (C14)

R.T.: 7.550 min
Delta R.T.: -0.008 min
Response: 2732250
Conc: 20.42 ug/ml



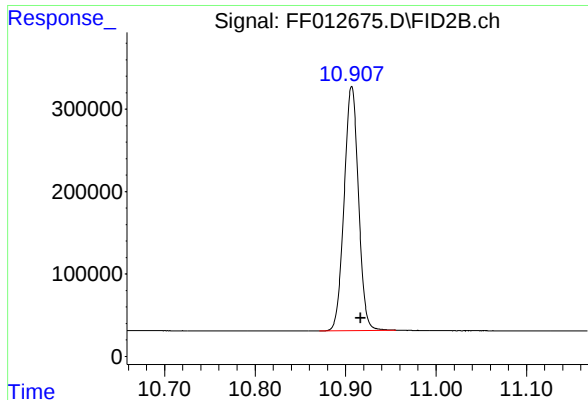
#7 n-Hexadecane (C16)

R.T.: 9.148 min
Delta R.T.: -0.009 min
Response: 2826725
Conc: 20.42 ug/ml



#8 n-Octadecane (C18)

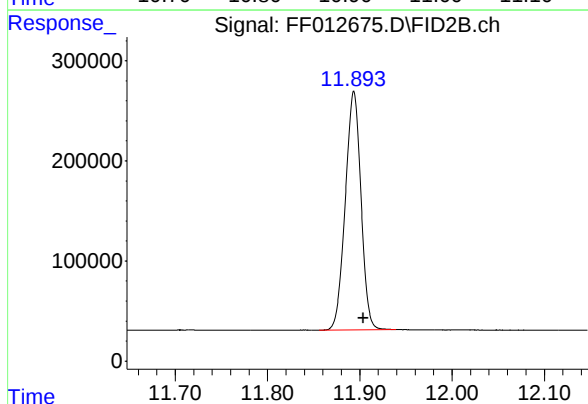
R.T.: 10.587 min
Delta R.T.: -0.009 min
Response: 2910142
Conc: 20.44 ug/ml



#9 ortho-Terphenyl (SURR)

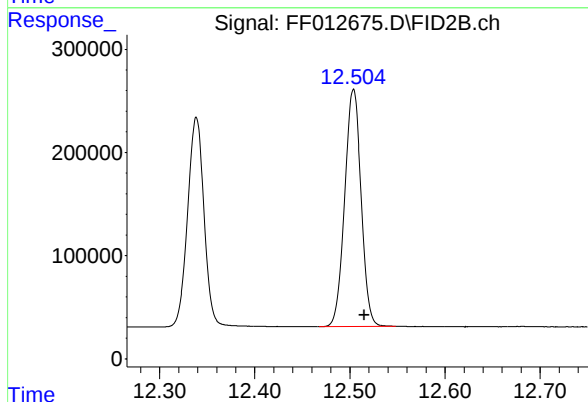
R.T.: 10.907 min
Delta R.T.: -0.010 min
Response: 3265185
Conc: 20.38 ug/ml

Instrument :
FID_F
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20 PPM ALIPHATIC HC STD



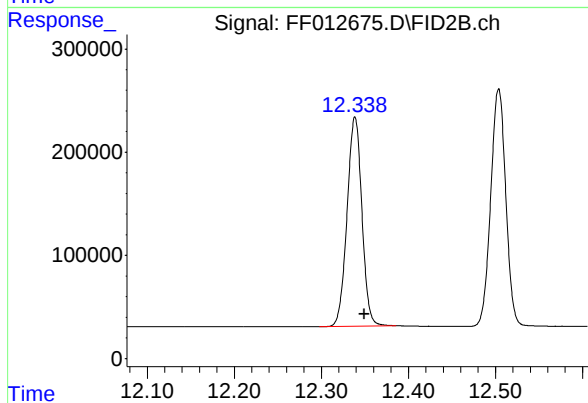
#10 n-Eicosane (C20)

R.T.: 11.894 min
Delta R.T.: -0.010 min
Response: 2813129
Conc: 20.46 ug/ml



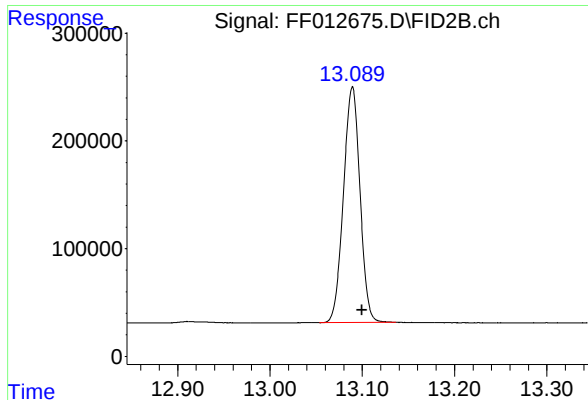
#11 n-Heneicosane (C21)

R.T.: 12.504 min
Delta R.T.: -0.011 min
Response: 2762074
Conc: 20.42 ug/ml



#12 1-chlorooctadecane (SURR)

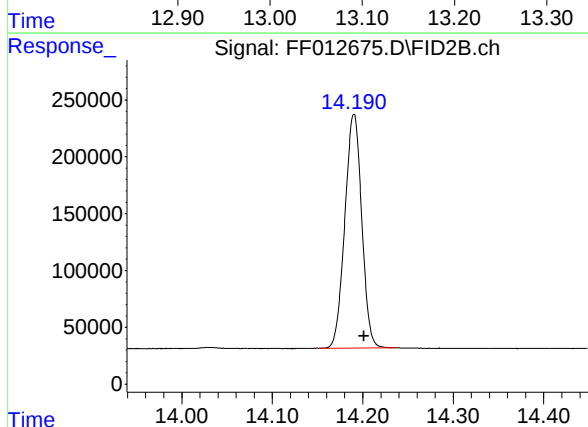
R.T.: 12.339 min
Delta R.T.: -0.011 min
Response: 2396815
Conc: 20.28 ug/ml



#13 n-Docosane (C22)

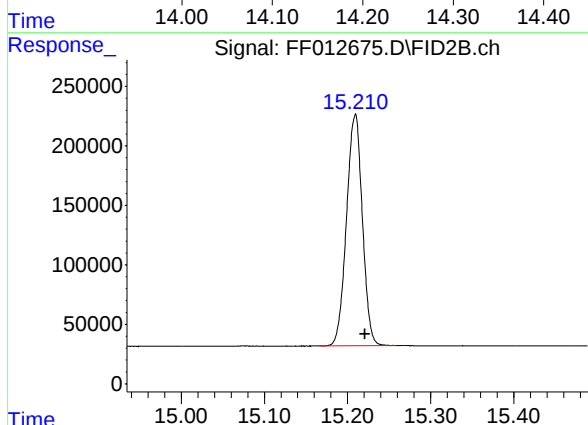
R.T.: 13.089 min
Delta R.T.: -0.010 min
Response: 2725399
Conc: 20.36 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



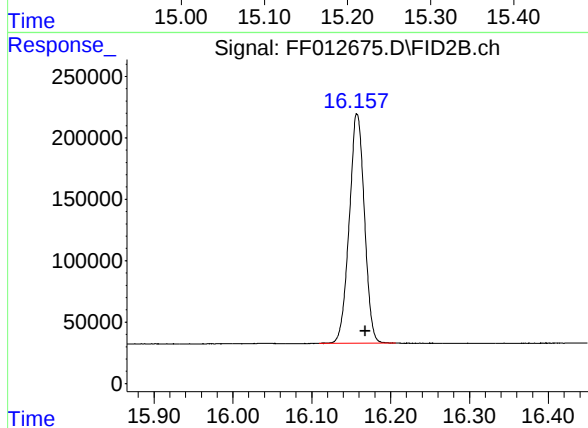
#14 n-Tetracosane (C24)

R.T.: 14.190 min
Delta R.T.: -0.011 min
Response: 2671075
Conc: 20.31 ug/ml



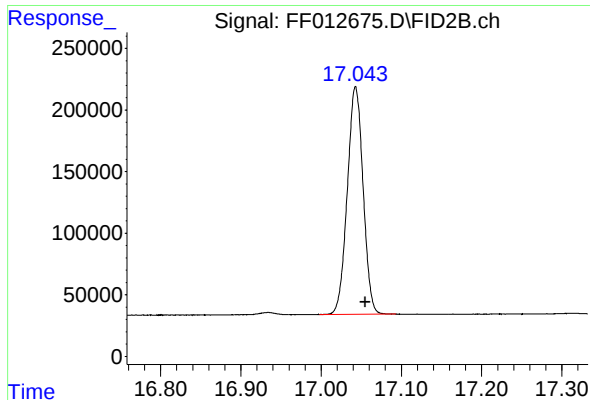
#15 n-Hexacosane (C26)

R.T.: 15.210 min
Delta R.T.: -0.011 min
Response: 2581414
Conc: 20.30 ug/ml



#16 n-Octacosane (C28)

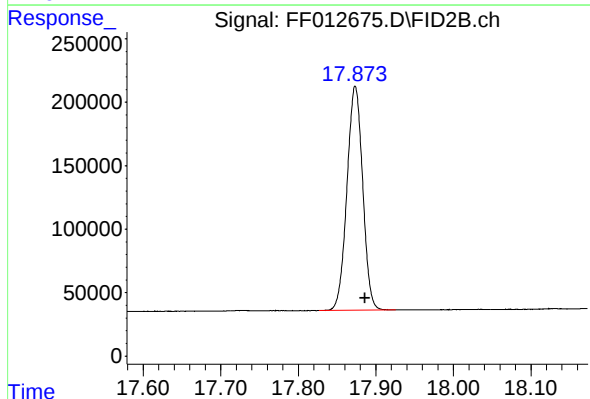
R.T.: 16.157 min
Delta R.T.: -0.011 min
Response: 2497456
Conc: 20.31 ug/ml



#17 n-Tricontane (C30)

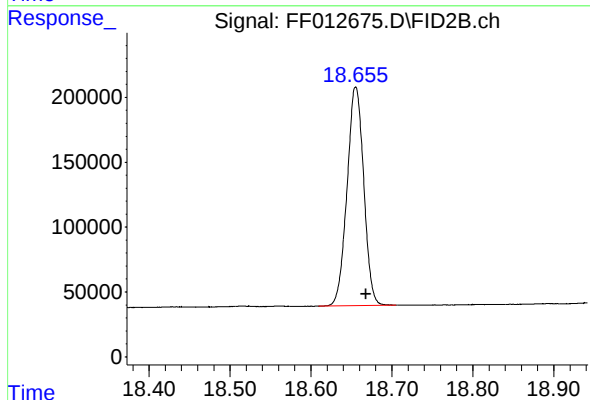
R.T.: 17.043 min
Delta R.T.: -0.012 min
Response: 2527611
Conc: 20.47 ug/ml

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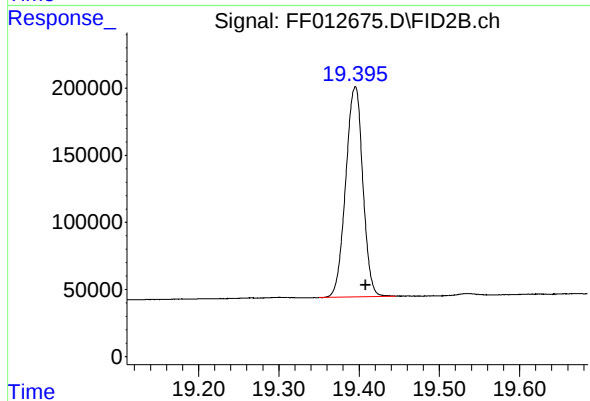
#18 n-Dotriacontane (C32)

R.T.: 17.873 min
Delta R.T.: -0.012 min
Response: 2487895
Conc: 20.56 ug/ml



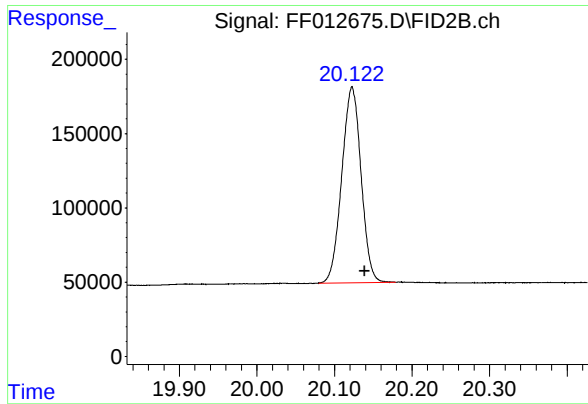
#19 n-Tetratriacontane (C34)

R.T.: 18.655 min
Delta R.T.: -0.013 min
Response: 2416266
Conc: 20.65 ug/ml



#20 n-Hexatriacontane (C36)

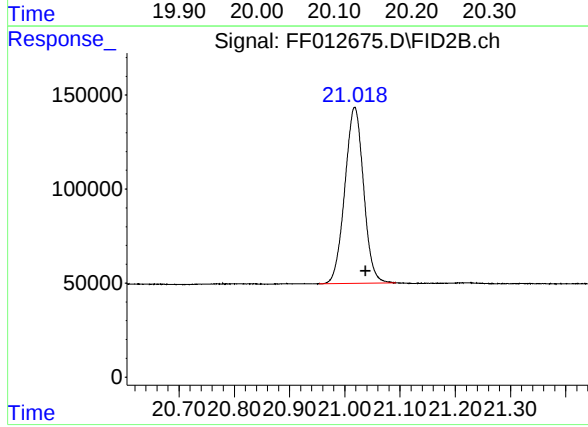
R.T.: 19.395 min
Delta R.T.: -0.013 min
Response: 2322562
Conc: 20.61 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.123 min
Delta R.T.: -0.016 min
Response: 2278863
Conc: 20.46 ug/ml

Instrument :
FID_F
ClientSampleId :
20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 21.018 min
Delta R.T.: -0.020 min
Response: 2203753
Conc: 19.97 ug/ml