

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD060321AL\
 Data File : FD037664.D
 Signal(s) : FID2B.CH
 Acq On : 03 Jun 2021 10:44
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: sample.E
 Quant Time: Jun 04 04:20:41 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Alaphatic EPH 051321.M
 Quant Title : GC Extractables
 QLast Update : Fri May 14 02:07:09 2021
 Response via : Initial Calibration
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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)	11.452	2099046	17.900 ug/ml
Spiked Amount 50.000		Recovery =	35.80%
12) S 1-chlorooctadecane (S...	12.887	1597116	17.576 ug/ml
Spiked Amount 50.000		Recovery =	35.15%
Target Compounds			
1) T n-Nonane (C9)	3.255	1962620	19.451 ug/ml
2) T n-Decane (C10)	4.317	1995200	19.665 ug/ml
3) T A~Naphthalene (C11.7)	5.891	2238586	19.660 ug/ml
4) T n-Dodecane (C12)	6.326	2053254	19.861 ug/ml
5) T A~2-methylnaphthalene...	6.942	2261822	19.537 ug/ml
6) T n-Tetradecane (C14)	8.113	2056078	19.727 ug/ml
7) T n-Hexadecane (C16)	9.706	1992957	19.315 ug/ml
8) T n-Octadecane (C18)	11.142	2014720	18.647 ug/ml
10) T n-Eicosane (C20)	12.446	1964090	18.022 ug/ml
11) T n-Heneicosane (C21)	13.055	1930982	17.738 ug/ml
13) T n-Docosane (C22)	13.638	1899254	17.483 ug/ml
14) T n-Tetracosane (C24)	14.736	1874825	17.303 ug/ml
15) T n-Hexacosane (C26)	15.752	1846564	17.336 ug/ml
16) T n-Octacosane (C28)	16.697	1850536	17.466 ug/ml
17) T n-Tricontane (C30)	17.581	1868461	17.748 ug/ml
18) T n-Dotriacontane (C32)	18.408	1858651	17.844 ug/ml
19) T n-Tetratriacontane (C34)	19.189	1833061	18.034 ug/ml
20) T n-Hexatriacontane (C36)	19.924	1757276	18.016 ug/ml
21) T n-Octatriacontane (C38)	20.633	1682011	18.296 ug/ml
22) T n-Tetracontane (C40)	21.476	1732231	17.989 ug/ml

(f)=RT Delta > 1/2 Window

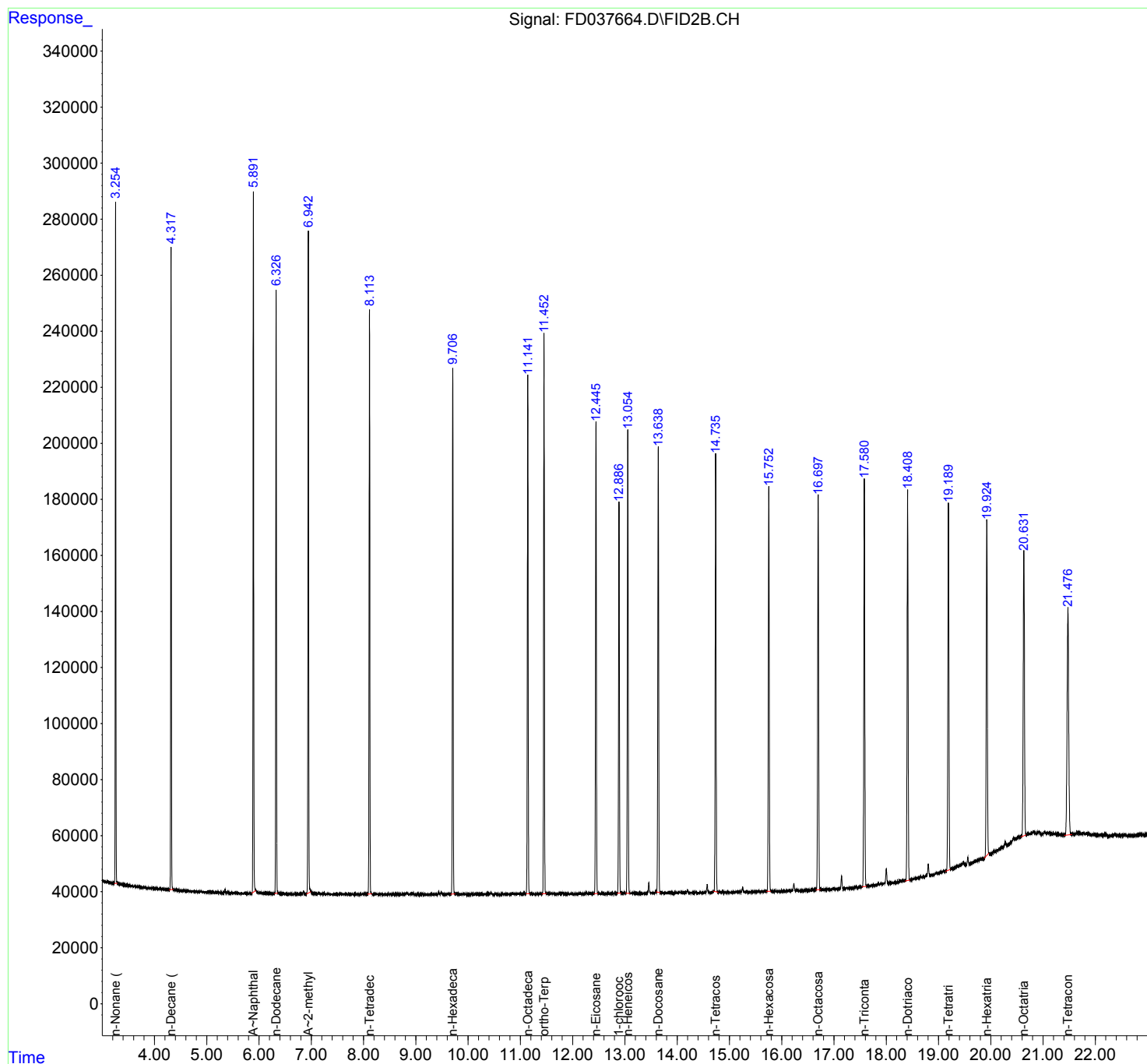
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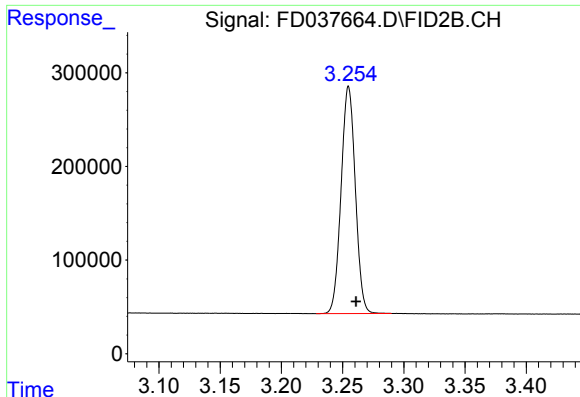
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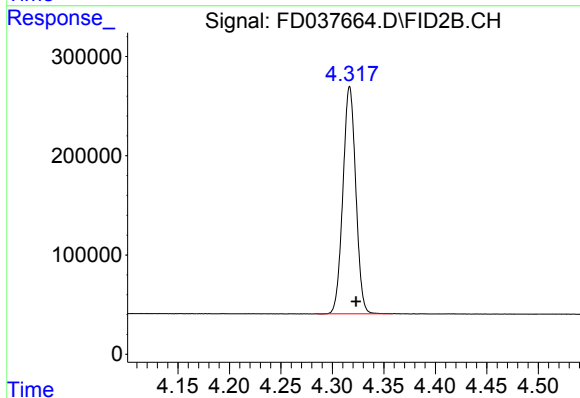




#1 n-Nonane (C9)

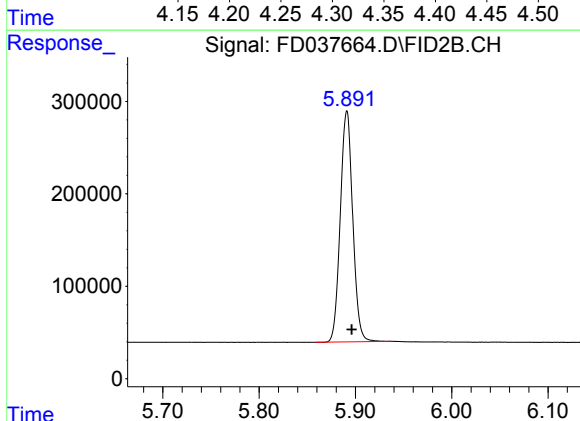
R.T.: 3.255 min
Delta R.T.: -0.006 min
Response: 1962620
Conc: 19.45 ug/ml

Instrument :
FID_D
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20 PPM ALIPHATIC HC STD



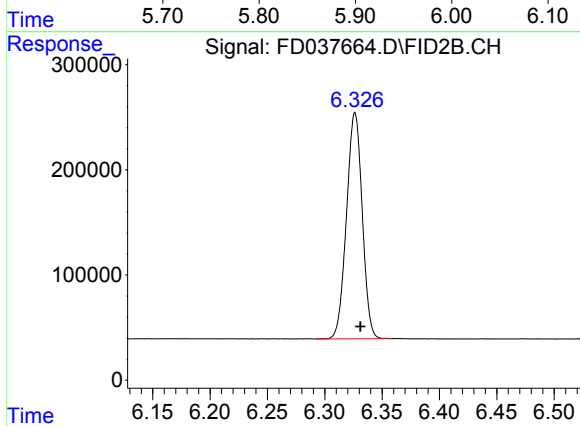
#2 n-Decane (C10)

R.T.: 4.317 min
Delta R.T.: -0.006 min
Response: 1995200
Conc: 19.66 ug/ml



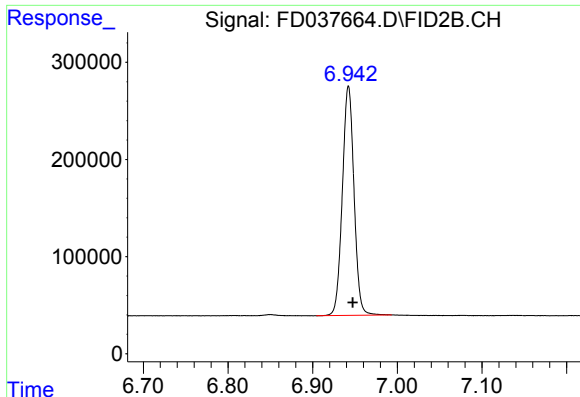
#3 A~Naphthalene (C11.7)

R.T.: 5.891 min
Delta R.T.: -0.005 min
Response: 2238586
Conc: 19.66 ug/ml



#4 n-Dodecane (C12)

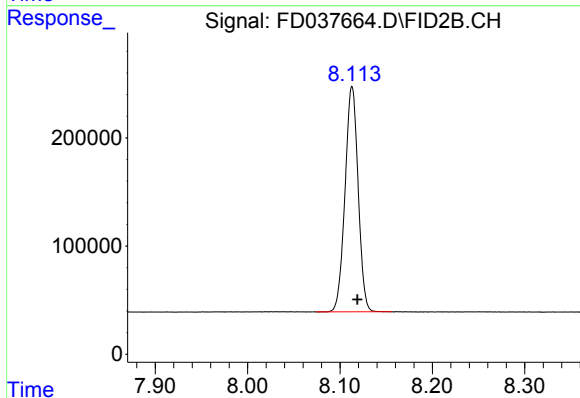
R.T.: 6.326 min
Delta R.T.: -0.005 min
Response: 2053254
Conc: 19.86 ug/ml



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

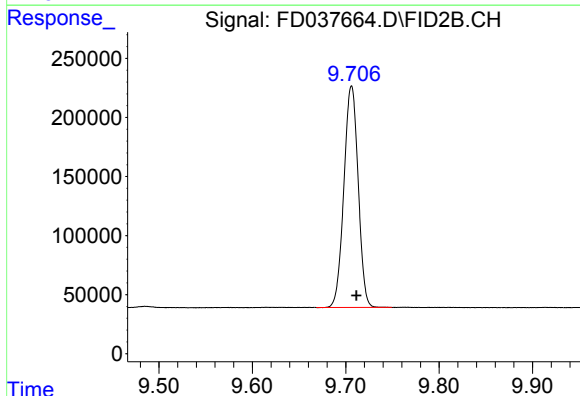
R.T.: 6.942 min
Delta R.T.: -0.005 min
Response: 2261822
Conc: 19.54 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



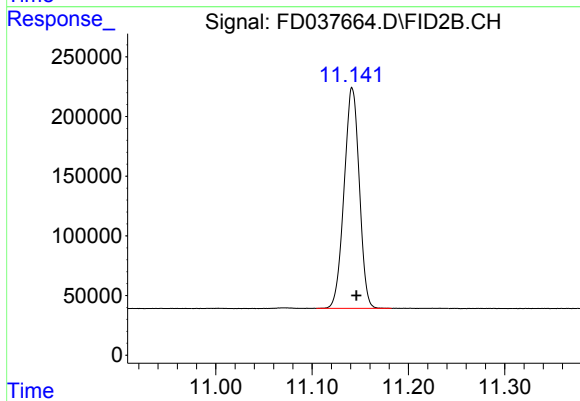
#6 n-Tetradecane (C14)

R.T.: 8.113 min
Delta R.T.: -0.006 min
Response: 2056078
Conc: 19.73 ug/ml



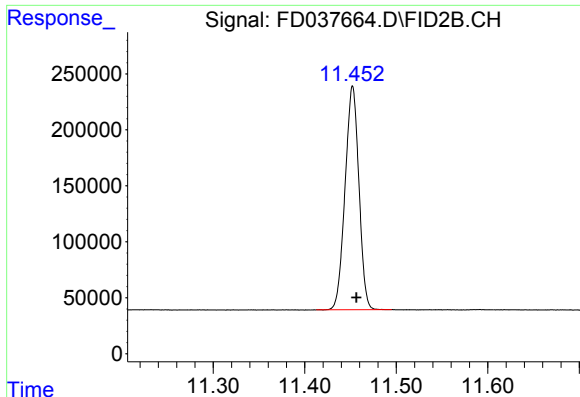
#7 n-Hexadecane (C16)

R.T.: 9.706 min
Delta R.T.: -0.005 min
Response: 1992957
Conc: 19.31 ug/ml



#8 n-Octadecane (C18)

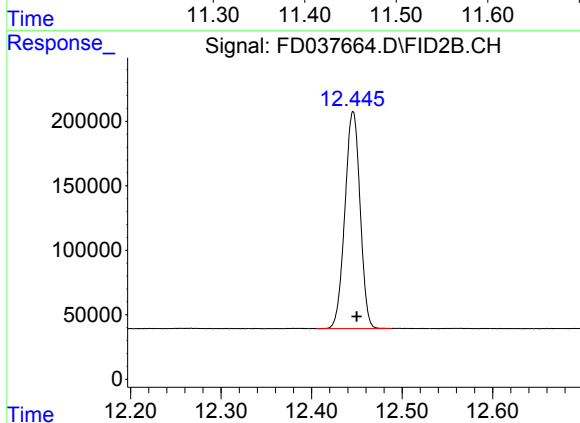
R.T.: 11.142 min
Delta R.T.: -0.004 min
Response: 2014720
Conc: 18.65 ug/ml



#9 ortho-Terphenyl (SURR)

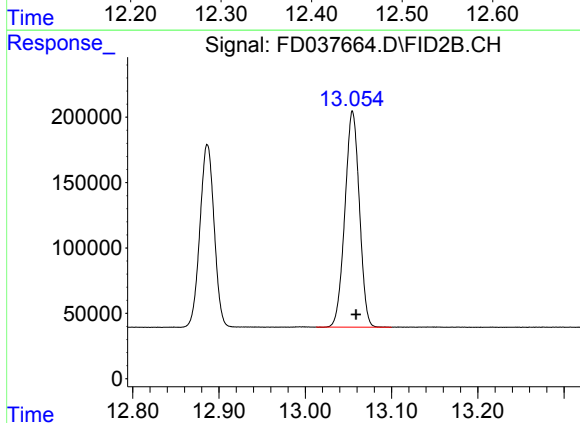
R.T.: 11.452 min
Delta R.T.: -0.004 min
Response: 2099046
Conc: 17.90 ug/ml

Instrument :
FID_D
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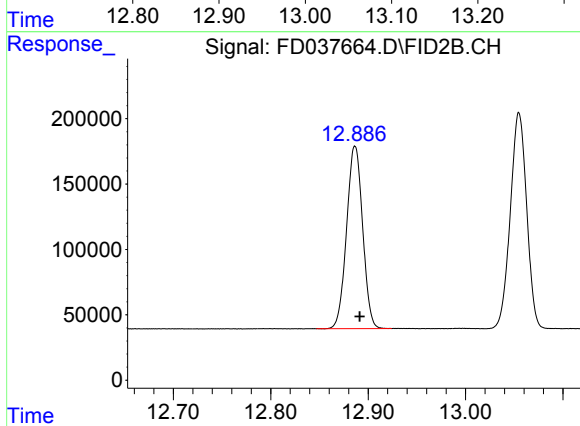
#10 n-Eicosane (C20)

R.T.: 12.446 min
Delta R.T.: -0.004 min
Response: 1964090
Conc: 18.02 ug/ml



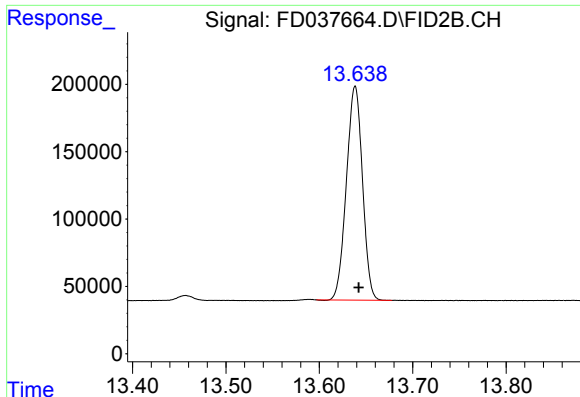
#11 n-Heneicosane (C21)

R.T.: 13.055 min
Delta R.T.: -0.004 min
Response: 1930982
Conc: 17.74 ug/ml



#12 1-chlorooctadecane (SURR)

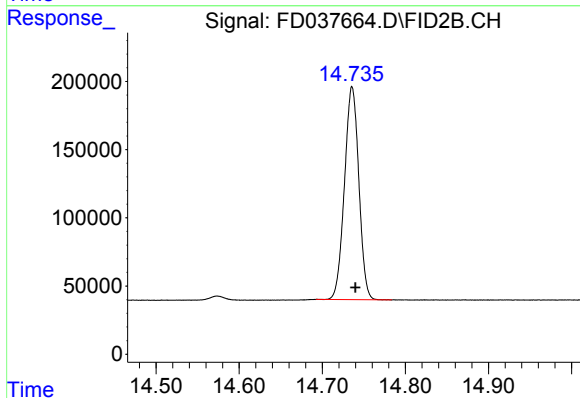
R.T.: 12.887 min
Delta R.T.: -0.005 min
Response: 1597116
Conc: 17.58 ug/ml



#13 n-Docosane (C22)

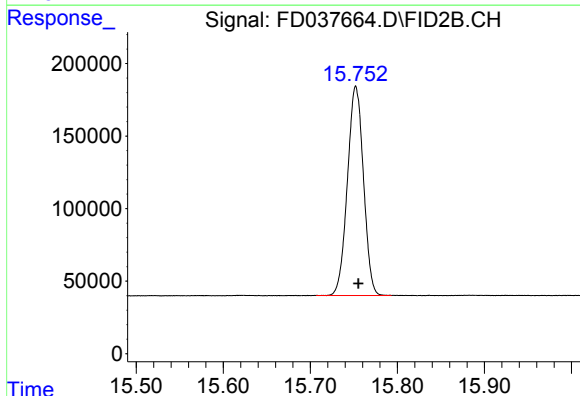
R.T.: 13.638 min
Delta R.T.: -0.004 min
Response: 1899254
Conc: 17.48 ug/ml

Instrument :
FID_D
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20 PPM ALIPHATIC HC STD



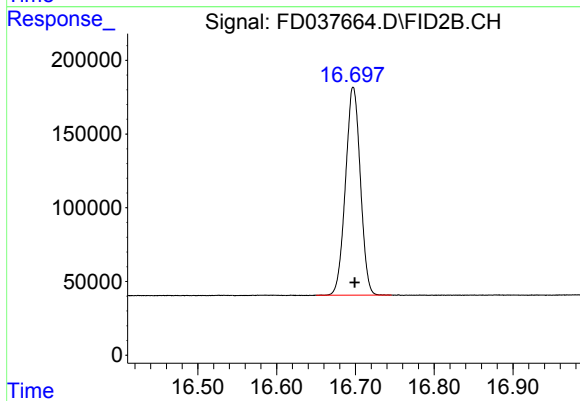
#14 n-Tetracosane (C24)

R.T.: 14.736 min
Delta R.T.: -0.004 min
Response: 1874825
Conc: 17.30 ug/ml



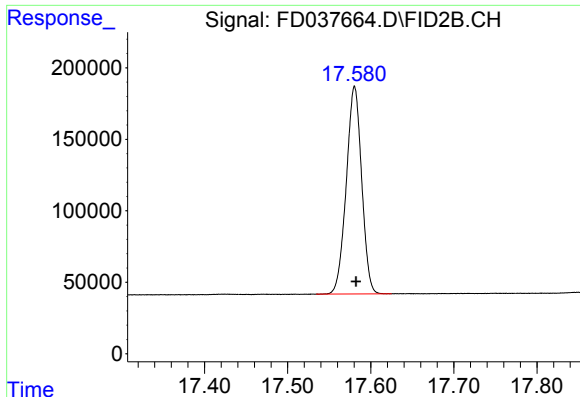
#15 n-Hexacosane (C26)

R.T.: 15.752 min
Delta R.T.: -0.003 min
Response: 1846564
Conc: 17.34 ug/ml



#16 n-Octacosane (C28)

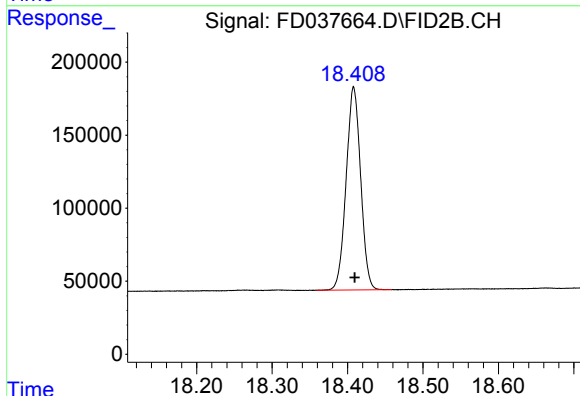
R.T.: 16.697 min
Delta R.T.: -0.002 min
Response: 1850536
Conc: 17.47 ug/ml



#17 n-Tricontane (C30)

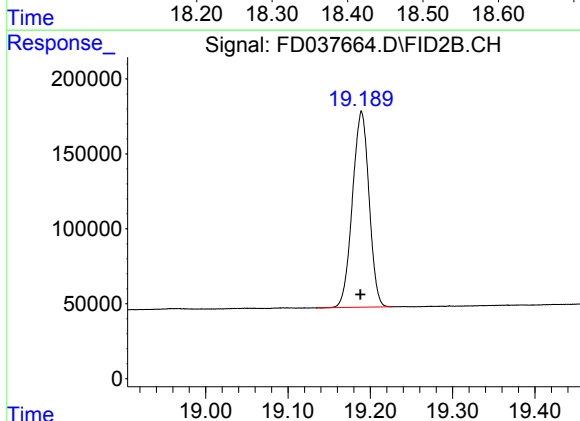
R.T.: 17.581 min
Delta R.T.: -0.002 min
Response: 1868461
Conc: 17.75 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM ALIPHATIC HC STD



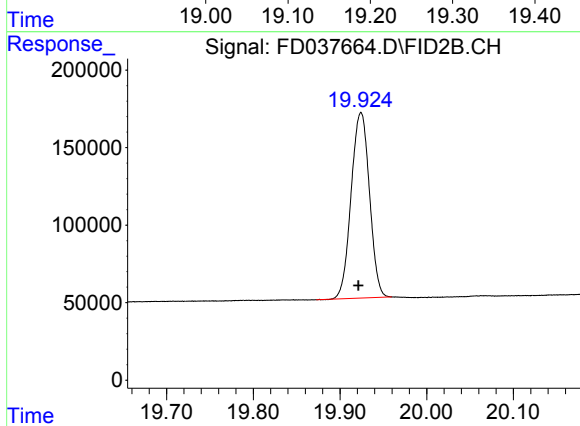
#18 n-Dotriacontane (C32)

R.T.: 18.408 min
Delta R.T.: -0.001 min
Response: 1858651
Conc: 17.84 ug/ml



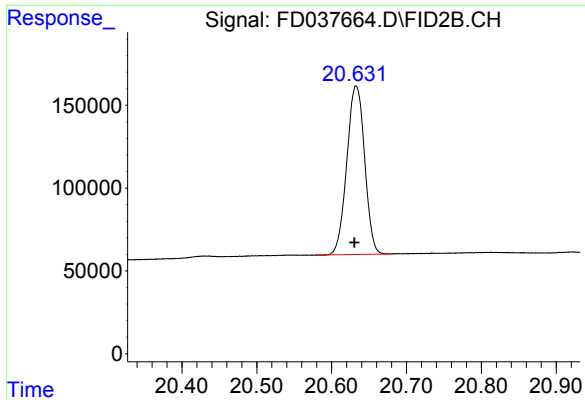
#19 n-Tetratriacontane (C34)

R.T.: 19.189 min
Delta R.T.: 0.001 min
Response: 1833061
Conc: 18.03 ug/ml



#20 n-Hexatriacontane (C36)

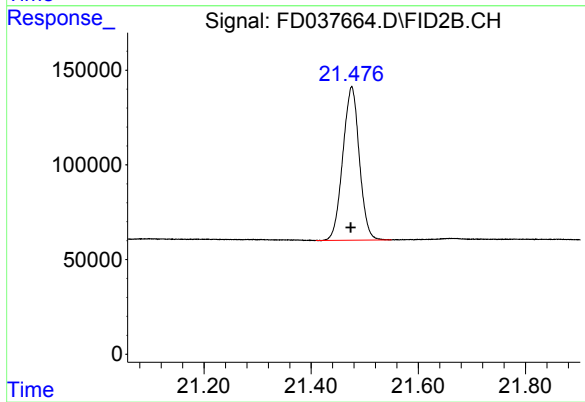
R.T.: 19.924 min
Delta R.T.: 0.003 min
Response: 1757276
Conc: 18.02 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.633 min
Delta R.T.: 0.002 min
Response: 1682011
Conc: 18.30 ug/ml

Instrument :
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#22 n-Tetracontane (C40)

R.T.: 21.476 min
Delta R.T.: 0.002 min
Response: 1732231
Conc: 17.99 ug/ml