

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD091523AL\
 Data File : FD046498.D
 Signal(s) : FID2B.ch
 Acq On : 15 Sep 2023 03:54
 Operator : YP/AJ
 Sample : 10 PPM ALIPHATIC HC STD4
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 10 PPM ALIPHATIC HC STD4

Integration File: autoint1.e
 Quant Time: Sep 15 04:52:18 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 091523.M
 Quant Title : GC Extractables
 QLast Update : Fri Sep 15 04:46:37 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)	11.381	2243830	10.688 ug/ml
Spiked Amount 50.000		Recovery =	21.38%
12) S 1-chlorooctadecane (S...	12.816	1651594	10.593 ug/ml
Spiked Amount 50.000		Recovery =	21.19%
Target Compounds			
1) T n-Nonane (C9)	3.218	1745894	10.726 ug/ml
2) T n-Decane (C10)	4.270	1775496	10.692 ug/ml
3) T A~Naphthalene (C11.7)	5.830	1963012	10.634 ug/ml
4) T n-Dodecane (C12)	6.272	1793950	10.709 ug/ml
5) T A~2-methylnaphthalene...	6.878	1901244	10.610 ug/ml
6) T n-Tetradecane (C14)	8.055	1787524	10.706 ug/ml
7) T n-Hexadecane (C16)	9.646	1858011	10.631 ug/ml
8) T n-Octadecane (C18)	11.077	1931806	10.667 ug/ml
10) T n-Eicosane (C20)	12.377	1907832	10.691 ug/ml
11) T n-Heneicosane (C21)	12.985	1896590	10.685 ug/ml
13) T n-Docosane (C22)	13.567	1901038	10.677 ug/ml
14) T n-Tetracosane (C24)	14.661	1920658	10.686 ug/ml
15) T n-Hexacosane (C26)	15.674	1864369	10.622 ug/ml
16) T n-Octacosane (C28)	16.616	1787163	10.565 ug/ml
17) T n-Tricontane (C30)	17.495	1774315	10.625 ug/ml
18) T n-Dotriacontane (C32)	18.321	1685406	10.647 ug/ml
19) T n-Tetratriacontane (C34)	19.099	1636805	10.699 ug/ml
20) T n-Hexatriacontane (C36)	19.831	1455672	10.544 ug/ml
21) T n-Octatriacontane (C38)	20.531	1385816	10.505 ug/ml
22) T n-Tetracontane (C40)	21.343	1308228	10.459 ug/ml

(f)=RT Delta > 1/2 Window

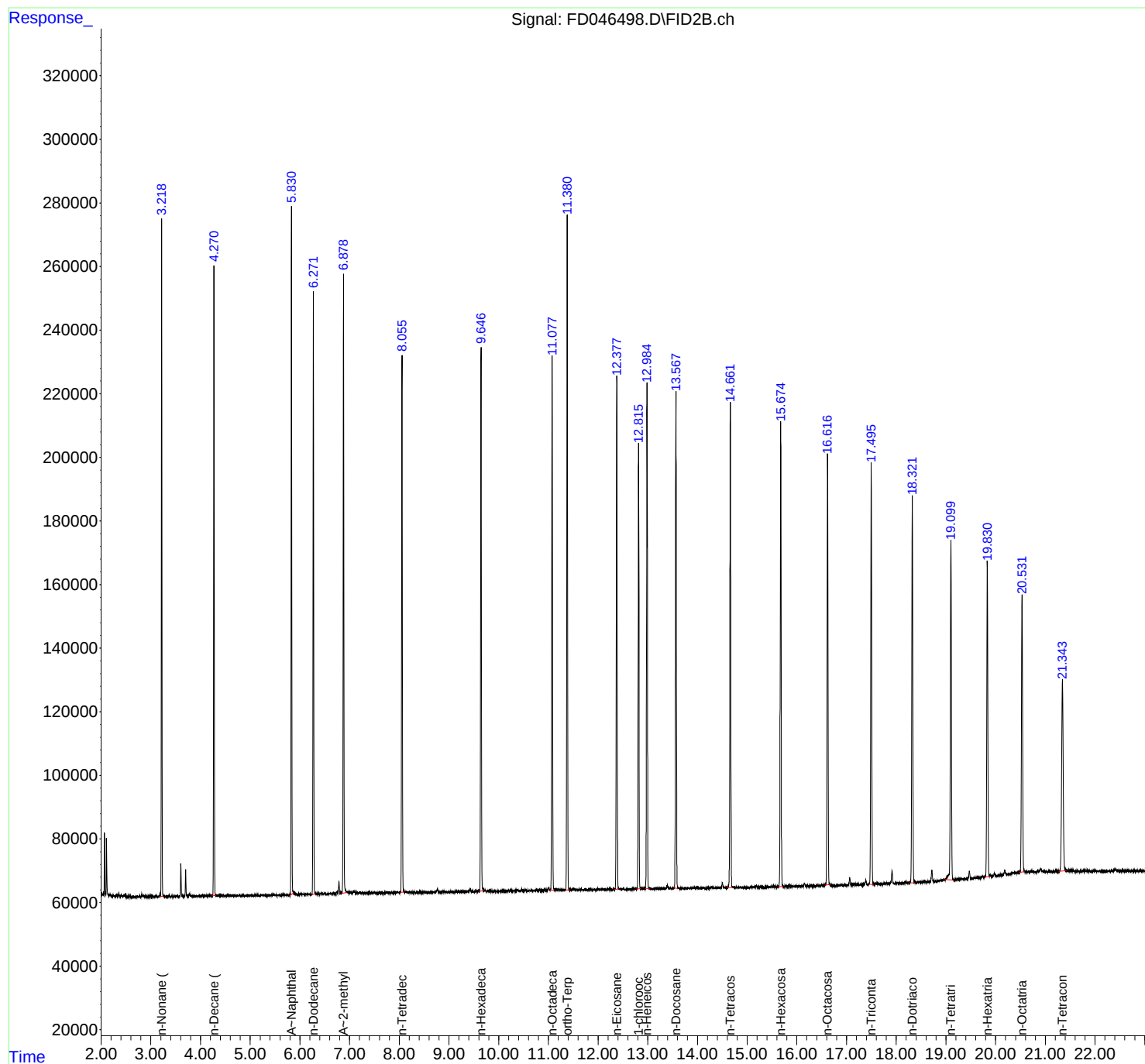
(m)=manual int.

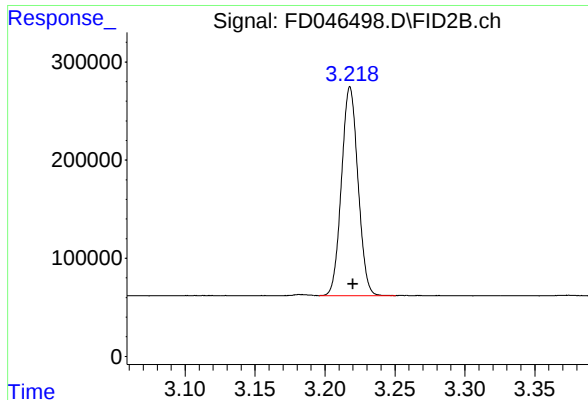
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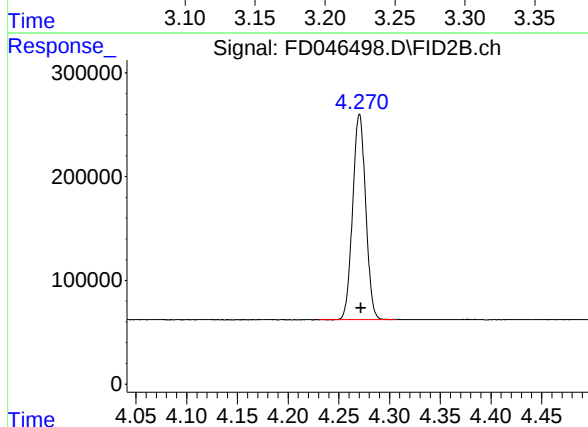




#1 n-Nonane (C9)

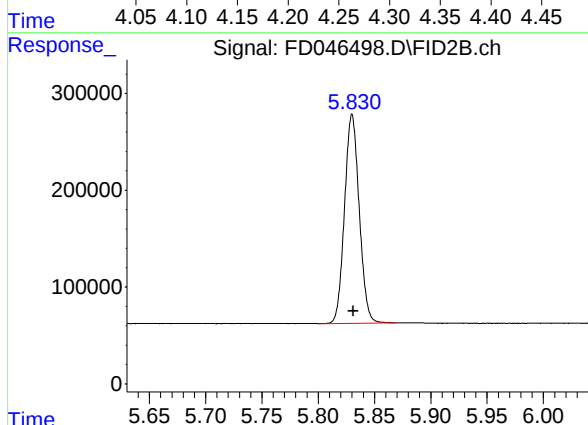
R.T.: 3.218 min
Delta R.T.: -0.002 min
Response: 1745894
Conc: 10.73 ug/ml

Instrument :
FID_D
ClientSampleId :
10 PPM ALIPHATIC HC STD4



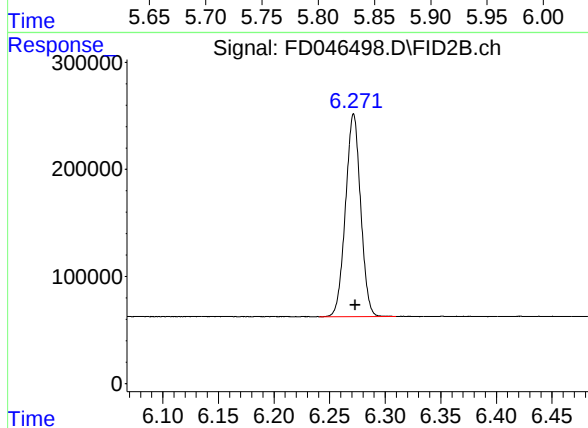
#2 n-Decane (C10)

R.T.: 4.270 min
Delta R.T.: -0.002 min
Response: 1775496
Conc: 10.69 ug/ml



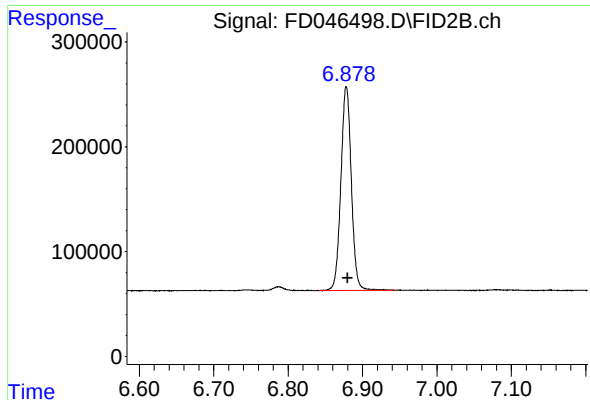
#3 A~Naphthalene (C11.7)

R.T.: 5.830 min
Delta R.T.: -0.001 min
Response: 1963012
Conc: 10.63 ug/ml



#4 n-Dodecane (C12)

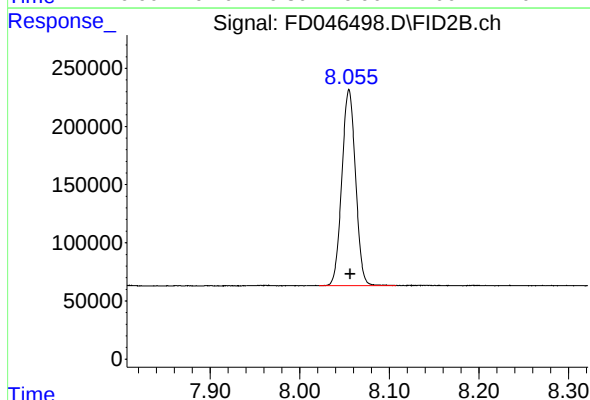
R.T.: 6.272 min
Delta R.T.: -0.001 min
Response: 1793950
Conc: 10.71 ug/ml



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

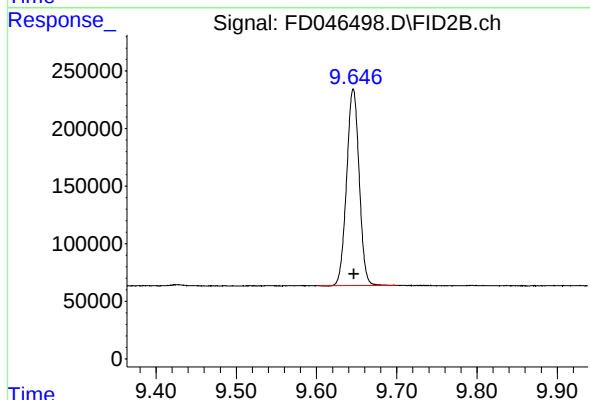
R.T.: 6.878 min
Delta R.T.: -0.001 min
Response: 1901244
Conc: 10.61 ug/ml

Instrument :
FID_D
ClientSampleId :
10 PPM ALIPHATIC HC STD4



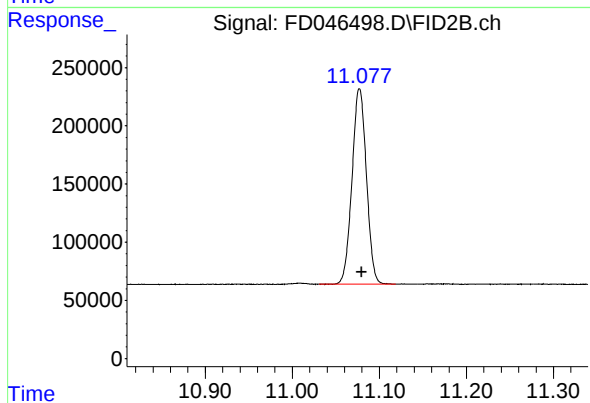
#6 n-Tetradecane (C14)

R.T.: 8.055 min
Delta R.T.: -0.002 min
Response: 1787524
Conc: 10.71 ug/ml



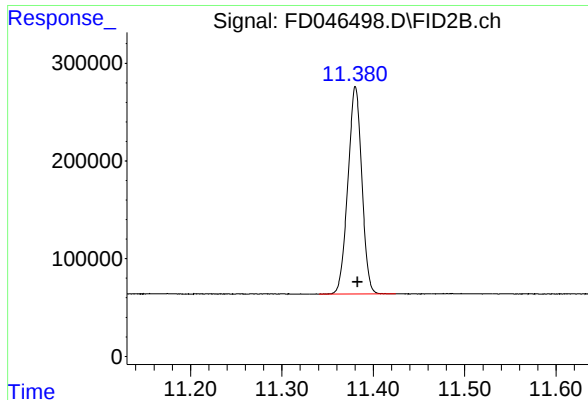
#7 n-Hexadecane (C16)

R.T.: 9.646 min
Delta R.T.: -0.001 min
Response: 1858011
Conc: 10.63 ug/ml



#8 n-Octadecane (C18)

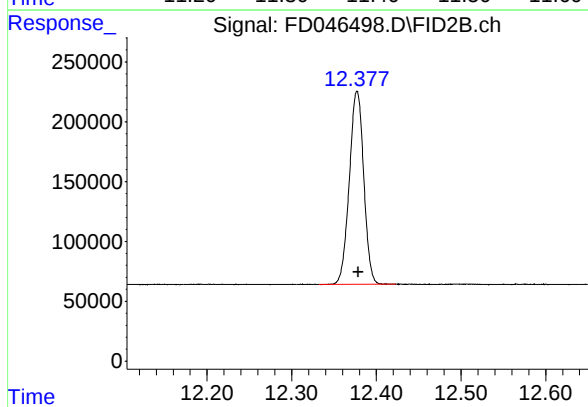
R.T.: 11.077 min
Delta R.T.: -0.002 min
Response: 1931806
Conc: 10.67 ug/ml



#9 ortho-Terphenyl (SURR)

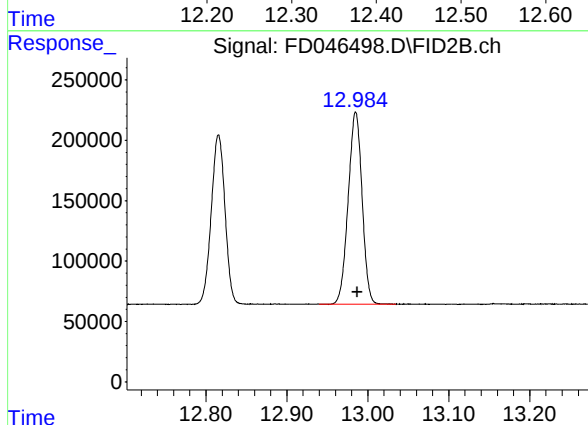
R.T.: 11.381 min
Delta R.T.: -0.002 min
Response: 2243830
Conc: 10.69 ug/ml

Instrument :
FID_D
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10 PPM ALIPHATIC HC STD4



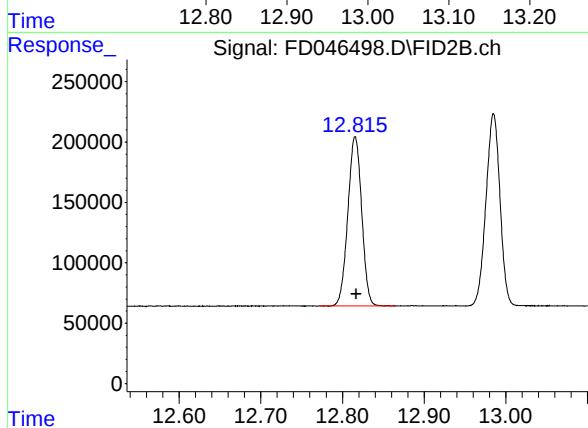
#10 n-Eicosane (C20)

R.T.: 12.377 min
Delta R.T.: -0.002 min
Response: 1907832
Conc: 10.69 ug/ml



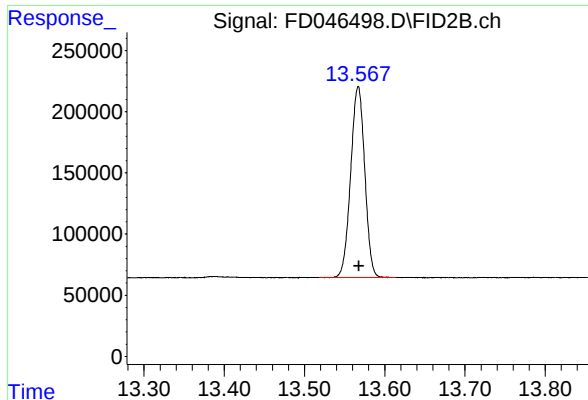
#11 n-Heneicosane (C21)

R.T.: 12.985 min
Delta R.T.: -0.002 min
Response: 1896590
Conc: 10.69 ug/ml



#12 1-chlorooctadecane (SURR)

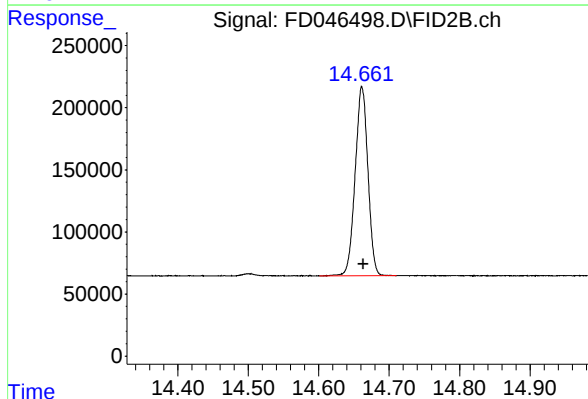
R.T.: 12.816 min
Delta R.T.: -0.001 min
Response: 1651594
Conc: 10.59 ug/ml



#13 n-Docosane (C22)

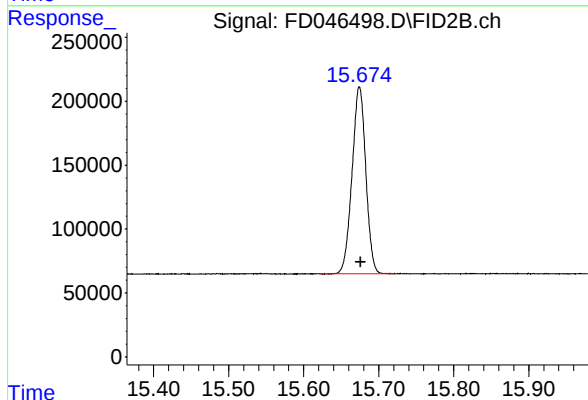
R.T.: 13.567 min
Delta R.T.: -0.001 min
Response: 1901038
Conc: 10.68 ug/ml

Instrument :
FID_D
ClientSampleId :
10 PPM ALIPHATIC HC STD4



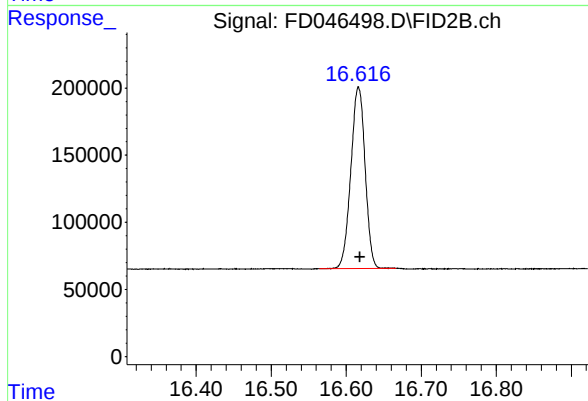
#14 n-Tetracosane (C24)

R.T.: 14.661 min
Delta R.T.: -0.002 min
Response: 1920658
Conc: 10.69 ug/ml



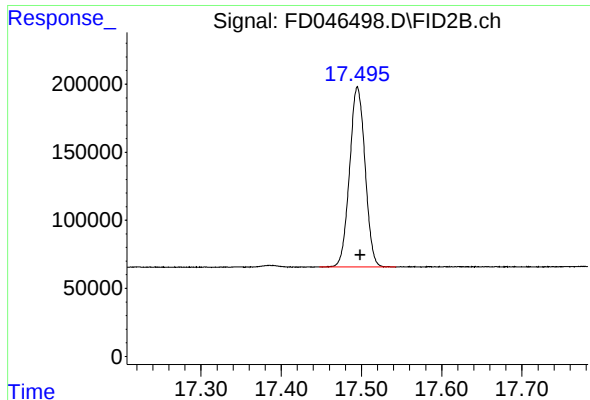
#15 n-Hexacosane (C26)

R.T.: 15.674 min
Delta R.T.: -0.002 min
Response: 1864369
Conc: 10.62 ug/ml



#16 n-Octacosane (C28)

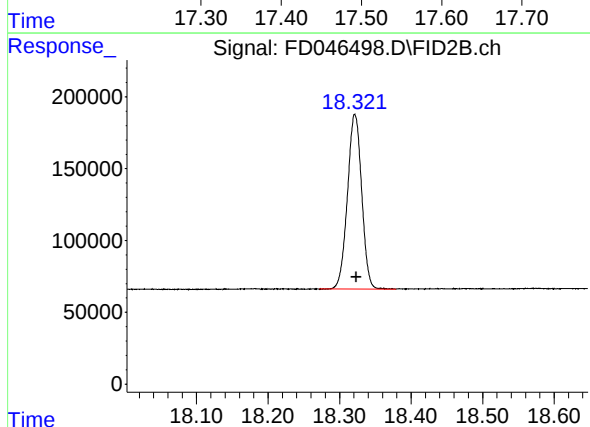
R.T.: 16.616 min
Delta R.T.: -0.002 min
Response: 1787163
Conc: 10.56 ug/ml



#17 n-Tricontane (C30)

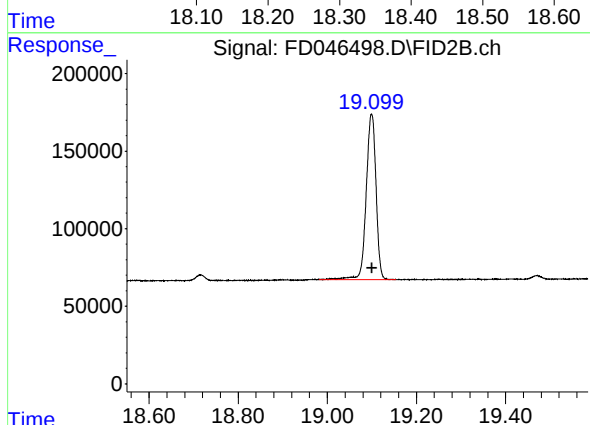
R.T.: 17.495 min
Delta R.T.: -0.004 min
Response: 1774315
Conc: 10.62 ug/ml

Instrument :
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10 PPM ALIPHATIC HC STD4



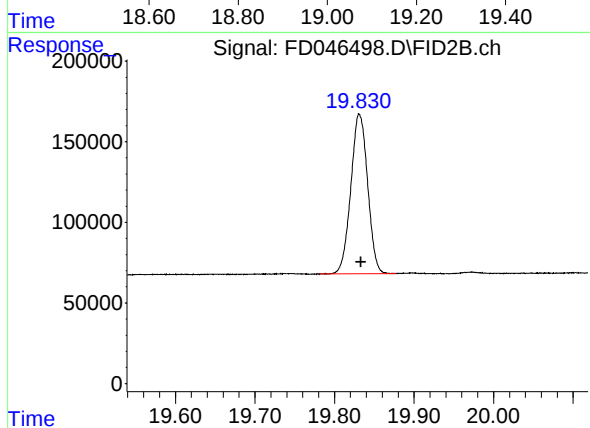
#18 n-Dotriacontane (C32)

R.T.: 18.321 min
Delta R.T.: -0.002 min
Response: 1685406
Conc: 10.65 ug/ml



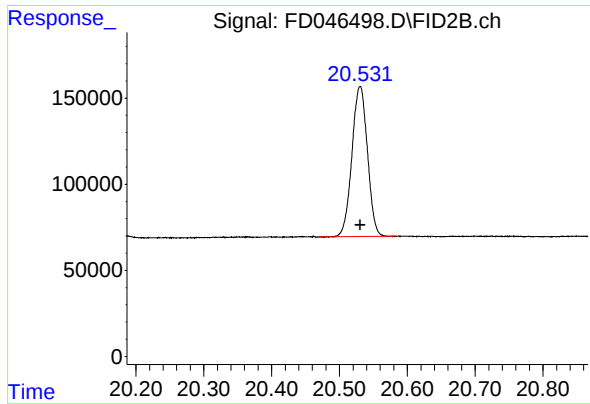
#19 n-Tetatriacontane (C34)

R.T.: 19.099 min
Delta R.T.: 0.000 min
Response: 1636805
Conc: 10.70 ug/ml



#20 n-Hexatriacontane (C36)

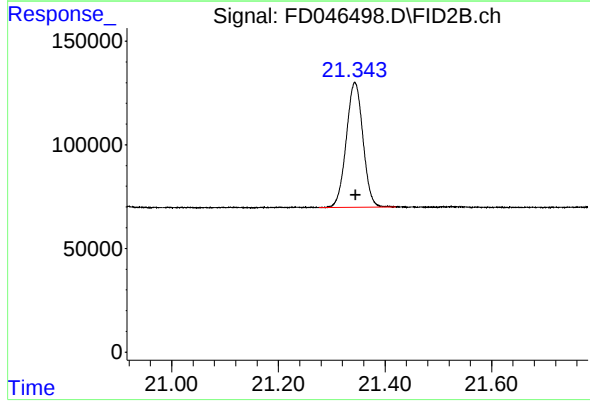
R.T.: 19.831 min
Delta R.T.: -0.002 min
Response: 1455672
Conc: 10.54 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.531 min
Delta R.T.: 0.000 min
Response: 1385816
Conc: 10.51 ug/ml

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ClientSampleId :
10 PPM ALIPHATIC HC STD4



#22 n-Tetracontane (C40)

R.T.: 21.343 min
Delta R.T.: -0.002 min
Response: 1308228
Conc: 10.46 ug/ml