

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD022323AL\
 Data File : FD045134.D
 Signal(s) : FID2B.ch
 Acq On : 23 Feb 2023 13:31
 Operator : YP/AJ
 Sample : 01627-07
 Misc : 2.5 PPM WATER LOD
 ALS Vial : 59 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 LOD-MDL-WATER-01-QT1-2023

Integration File: autoint1.e
 Quant Time: Feb 24 04:08:37 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 022123.M
 Quant Title : GC Extractables
 QLast Update : Wed Feb 22 05:29:49 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			
12) S 1-chlorooctadecane (S...	12.886	6086437	52.627 ug/ml
Spiked Amount 50.000		Recovery =	105.25%
Target Compounds			
1) T n-Nonane (C9)	3.267	238228	1.752 ug/ml
2) T n-Decane (C10)	4.324	299035	2.239 ug/ml
4) T n-Dodecane (C12)	6.329	399278	2.953 ug/ml
6) T n-Tetradecane (C14)	8.114	370543	2.729 ug/ml
7) T n-Hexadecane (C16)	9.707	377504	2.712 ug/ml
8) T n-Octadecane (C18)	11.140	423044	3.015 ug/ml
10) T n-Eicosane (C20)	12.442	386017	2.849 ug/ml
11) T n-Heneicosane (C21)	13.050	371984	2.728 ug/ml
13) T n-Docosane (C22)	13.633	393880	2.942 ug/ml
14) T n-Tetracosane (C24)	14.727	377305	2.881 ug/ml
15) T n-Hexacosane (C26)	15.744	369462	2.934 ug/ml
16) T n-Octacosane (C28)	16.686	354783	2.895 ug/ml
17) T n-Tricontane (C30)	17.568	336926	2.846 ug/ml
18) T n-Dotriacontane (C32)	18.394	339762	2.902 ug/ml
19) T n-Tetratriacontane (C34)	19.172	318609	2.772 ug/ml
20) T n-Hexatriacontane (C36)	19.905	301159	2.742 ug/ml
21) T n-Octatriacontane (C38)	20.610	287500	2.667 ug/ml
22) T n-Tetracontane (C40)	21.447	270093	2.519 ug/ml

(f)=RT Delta > 1/2 Window

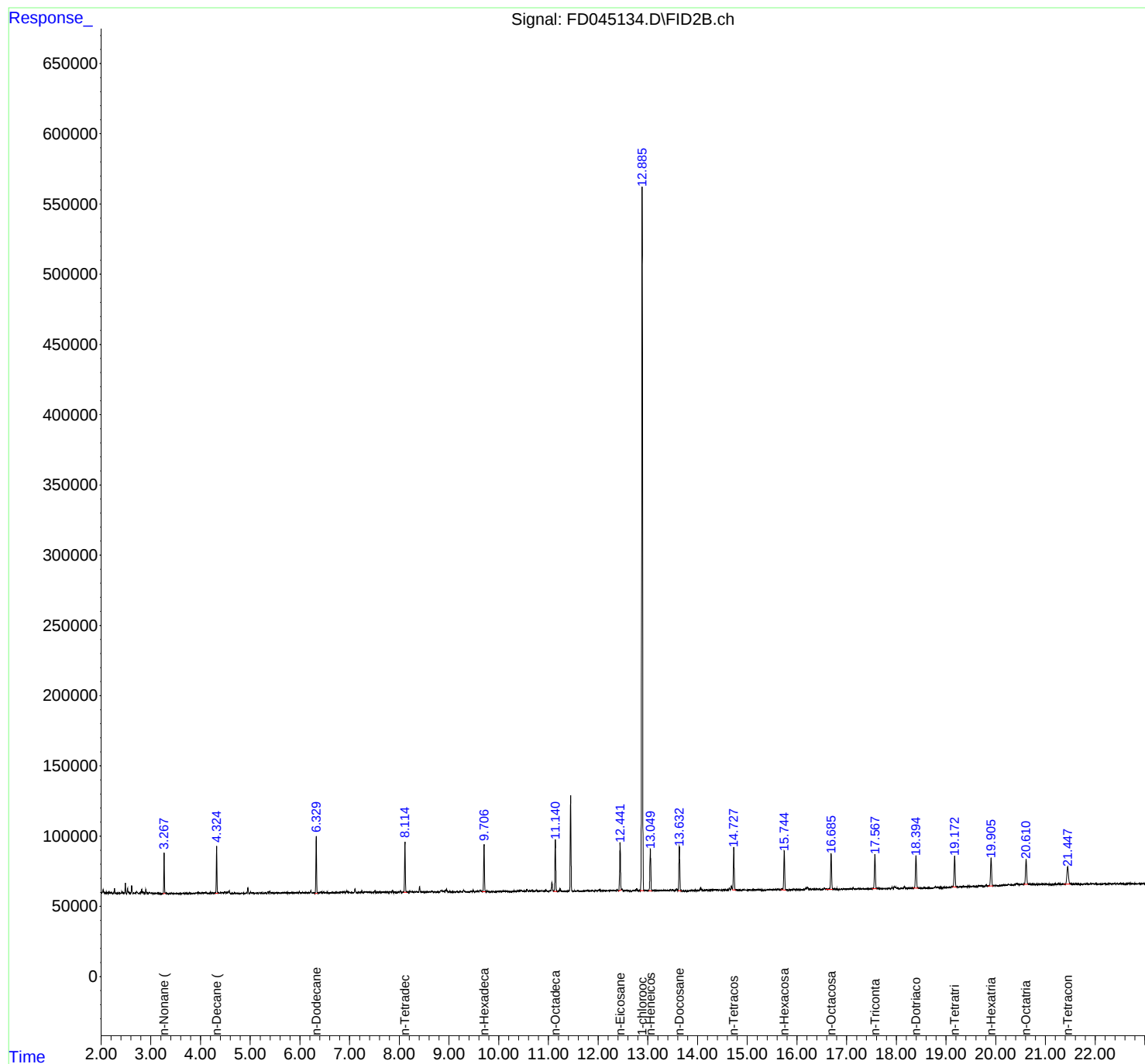
(m)=manual int.

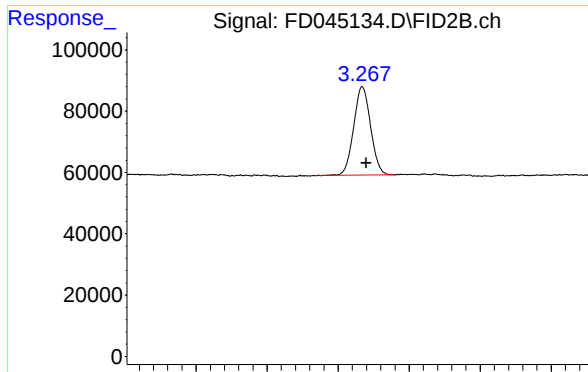
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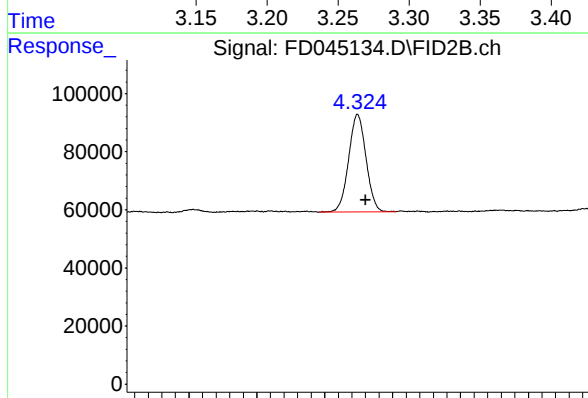




#1 n-Nonane (C9)

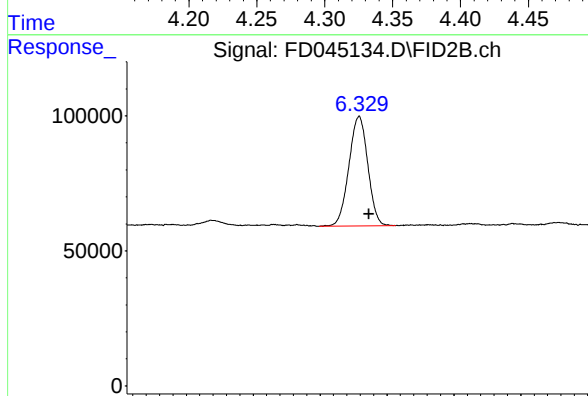
R.T.: 3.267 min
Delta R.T.: -0.003 min
Response: 238228
Conc: 1.75 ug/ml

Instrument :
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LOD-MDL-WATER-01-QT1-2023



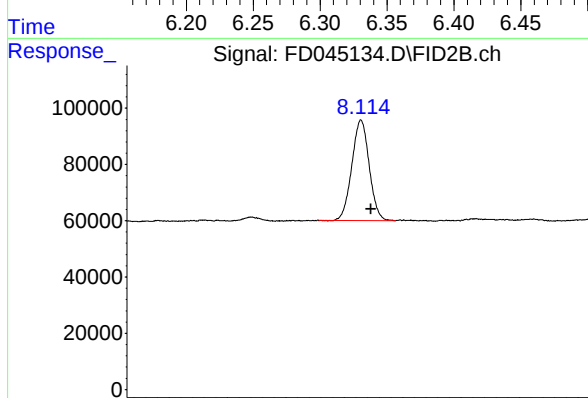
#2 n-Decane (C10)

R.T.: 4.324 min
Delta R.T.: -0.006 min
Response: 299035
Conc: 2.24 ug/ml



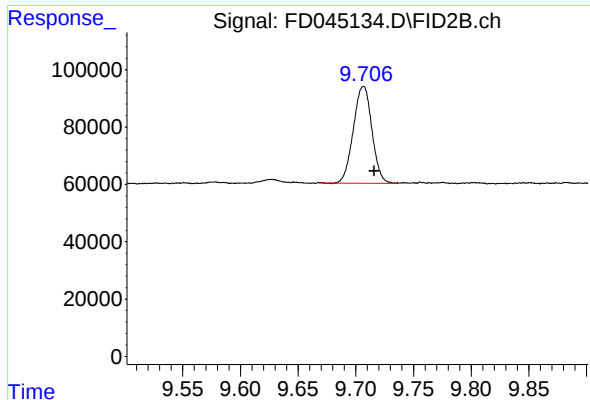
#4 n-Dodecane (C12)

R.T.: 6.329 min
Delta R.T.: -0.007 min
Response: 399278
Conc: 2.95 ug/ml



#6 n-Tetradecane (C14)

R.T.: 8.114 min
Delta R.T.: -0.008 min
Response: 370543
Conc: 2.73 ug/ml



#7 n-Hexadecane (C16)

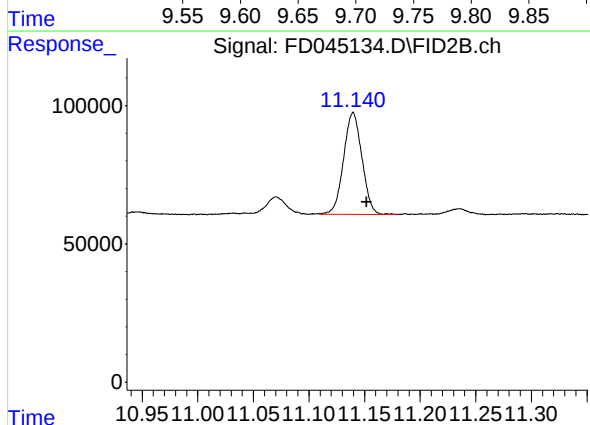
R.T.: 9.707 min
Delta R.T.: -0.009 min
Response: 377504
Conc: 2.71 ug/ml

Instrument :

FID_D

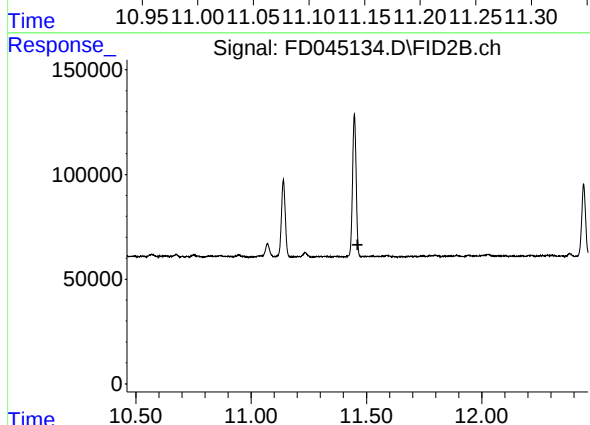
ClientSampleId :

LOD-MDL-WATER-01-QT1-2023



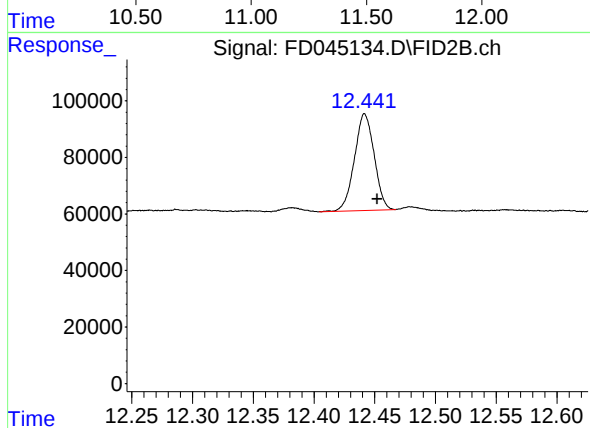
#8 n-Octadecane (C18)

R.T.: 11.140 min
Delta R.T.: -0.012 min
Response: 423044
Conc: 3.02 ug/ml



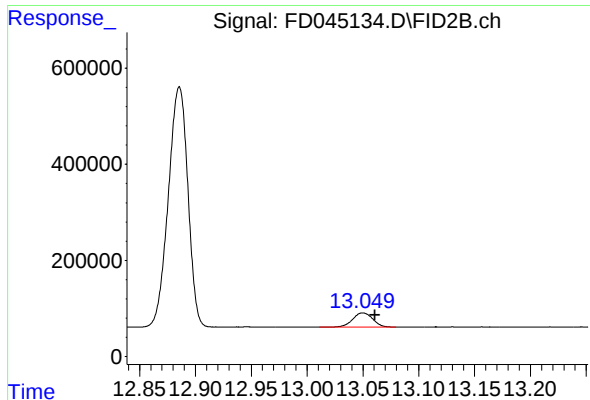
#9 ortho-Terphenyl (SURR)

R.T.: 0.000 min
Exp R.T.: 11.461 min
Response: 0
Conc: N.D.



#10 n-Eicosane (C20)

R.T.: 12.442 min
Delta R.T.: -0.010 min
Response: 386017
Conc: 2.85 ug/ml



#11 n-Heneicosane (C21)

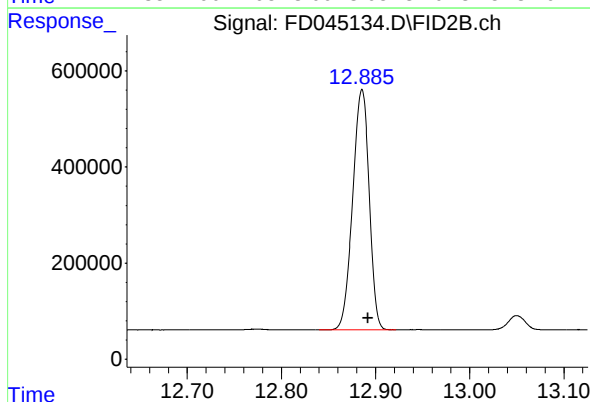
R.T.: 13.050 min
Delta R.T.: -0.011 min
Response: 371984
Conc: 2.73 ug/ml

Instrument :

FID_D

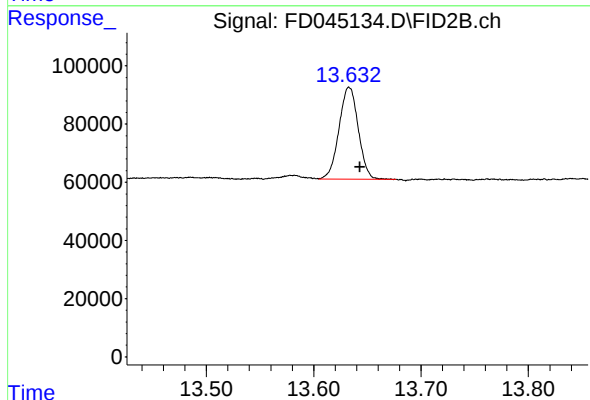
ClientSampleId :

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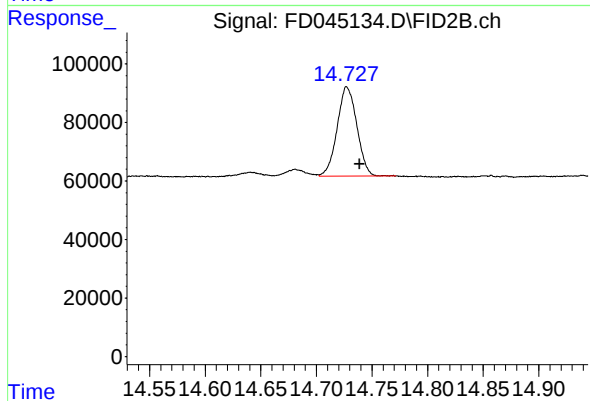
#12 1-chlorooctadecane (SURR)

R.T.: 12.886 min
Delta R.T.: -0.007 min
Response: 6086437
Conc: 52.63 ug/ml



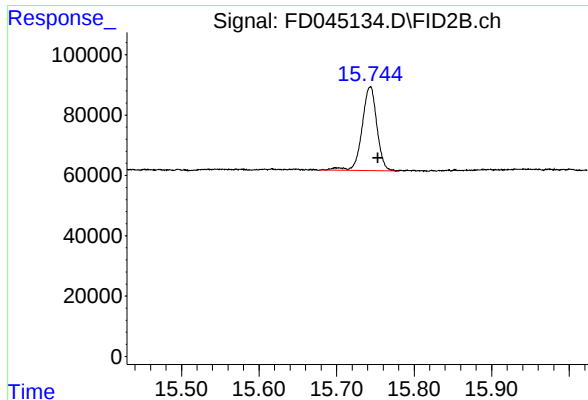
#13 n-Docosane (C22)

R.T.: 13.633 min
Delta R.T.: -0.010 min
Response: 393880
Conc: 2.94 ug/ml



#14 n-Tetracosane (C24)

R.T.: 14.727 min
Delta R.T.: -0.012 min
Response: 377305
Conc: 2.88 ug/ml



#15 n-Hexacosane (C26)

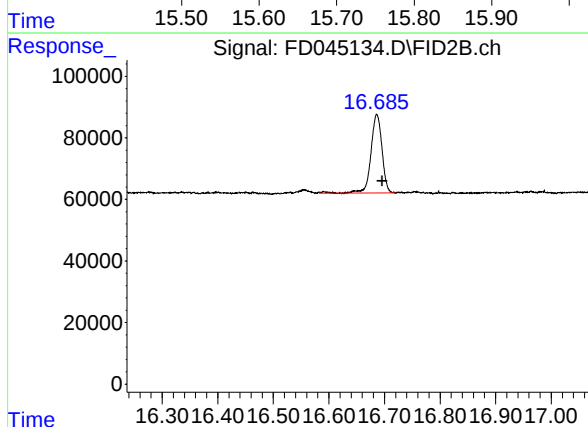
R.T.: 15.744 min
Delta R.T.: -0.010 min
Response: 369462
Conc: 2.93 ug/ml

Instrument :

FID_D

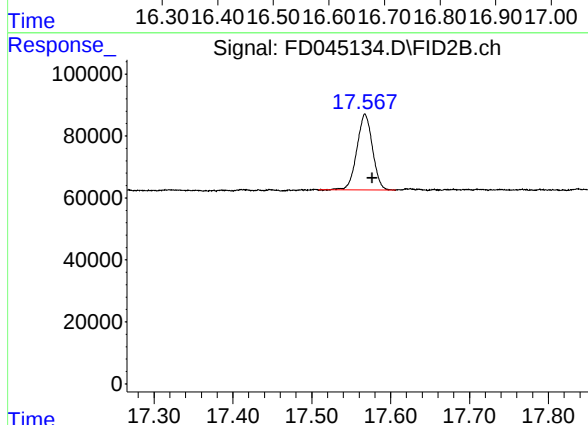
ClientSampleId :

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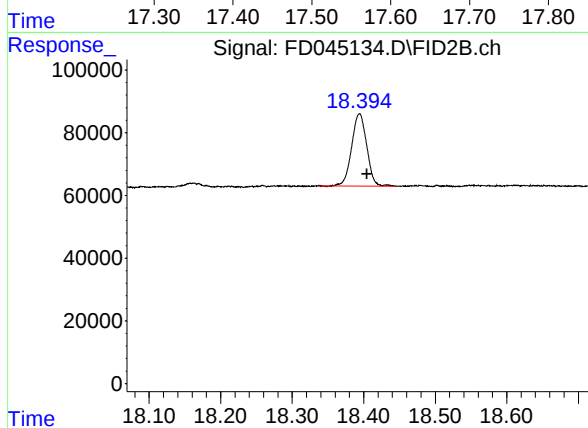
#16 n-Octacosane (C28)

R.T.: 16.686 min
Delta R.T.: -0.010 min
Response: 354783
Conc: 2.89 ug/ml



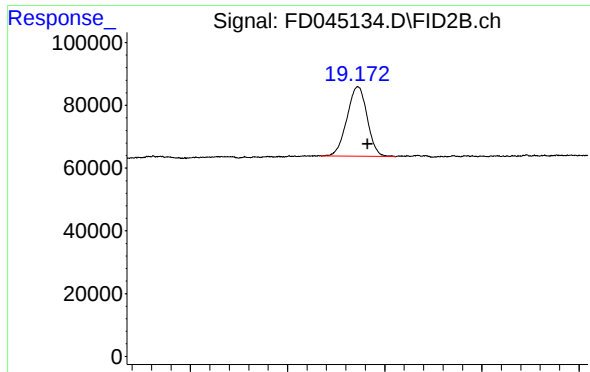
#17 n-Tricontane (C30)

R.T.: 17.568 min
Delta R.T.: -0.009 min
Response: 336926
Conc: 2.85 ug/ml



#18 n-Dotriacontane (C32)

R.T.: 18.394 min
Delta R.T.: -0.011 min
Response: 339762
Conc: 2.90 ug/ml



#19 n-Tetratriacontane (C34)

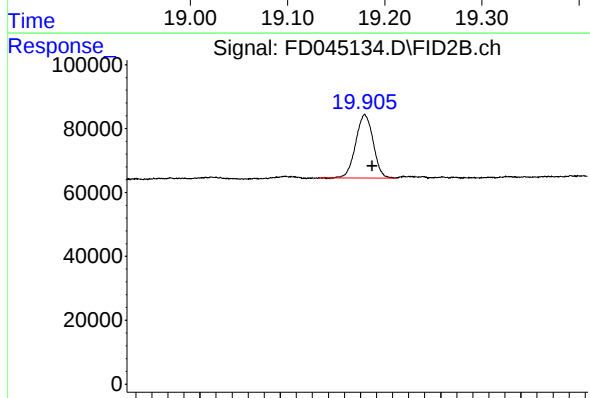
R.T.: 19.172 min
Delta R.T.: -0.010 min
Response: 318609
Conc: 2.77 ug/ml

Instrument :

FID_D

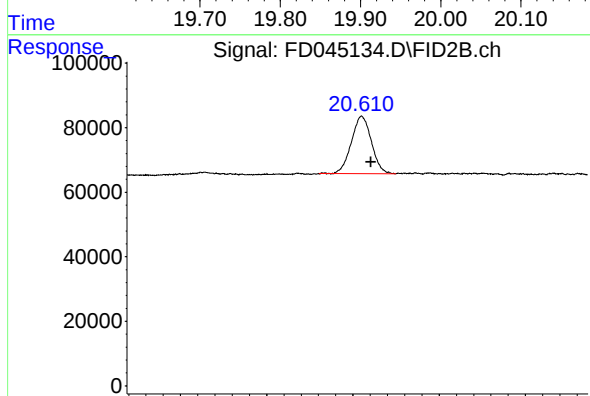
ClientSampleId :

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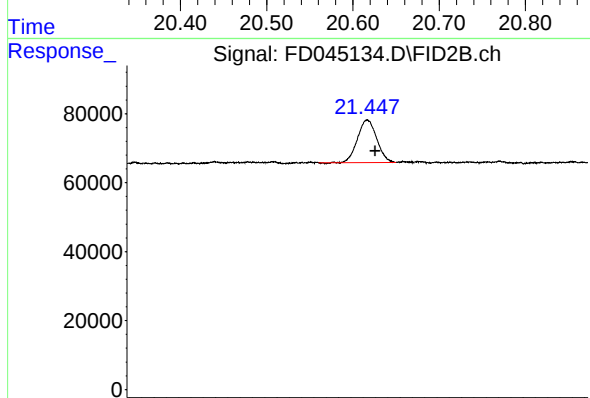
#20 n-Hexatriacontane (C36)

R.T.: 19.905 min
Delta R.T.: -0.009 min
Response: 301159
Conc: 2.74 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.610 min
Delta R.T.: -0.011 min
Response: 287500
Conc: 2.67 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.447 min
Delta R.T.: -0.013 min
Response: 270093
Conc: 2.52 ug/ml