

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD020824AL\
 Data File : FD047220.D
 Signal(s) : FID2B.ch
 Acq On : 09 Feb 2024 05:49
 Operator : YP/AJ
 Sample : P1187-08
 Misc : AL LOQ 5 PPM
 ALS Vial : 69 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 LOQ-WATER-02-QT1-2024

Integration File: autoint1.e
 Quant Time: Feb 09 06:33:53 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 020824.M
 Quant Title : GC Extractables
 QLast Update : Fri Feb 09 05:31:04 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			
12) S 1-chlorooctadecane (S...	12.796	5857543	42.322 ug/ml
Spiked Amount 50.000		Recovery =	84.64%
Target Compounds			
1) T n-Nonane (C9)	3.199	551416	3.524 ug/ml
2) T n-Decane (C10)	4.249	719478	4.501 ug/ml
4) T n-Dodecane (C12)	6.248	1026902	6.331 ug/ml
6) T n-Tetradecane (C14)	8.031	908584	5.616 ug/ml
7) T n-Hexadecane (C16)	9.622	926122	5.527 ug/ml
8) T n-Octadecane (C18)	11.052	1008761	5.927 ug/ml
10) T n-Eicosane (C20)	12.353	1067380	6.485 ug/ml
11) T n-Heneicosane (C21)	12.961	1036096	6.388 ug/ml
13) T n-Docosane (C22)	13.543	1062155	6.598 ug/ml
14) T n-Tetracosane (C24)	14.637	1085148	6.813 ug/ml
15) T n-Hexacosane (C26)	15.650	1063027	6.846 ug/ml
16) T n-Octacosane (C28)	16.593	1070392	7.152 ug/ml
17) T n-Tricontane (C30)	17.473	1106300	7.475 ug/ml
18) T n-Dotriacontane (C32)	18.298	1076461	7.634 ug/ml
19) T n-Tetratriacontane (C34)	19.075	981970	7.419 ug/ml
20) T n-Hexatriacontane (C36)	19.808	849788	6.831 ug/ml
21) T n-Octatriacontane (C38)	20.506	737014	6.161 ug/ml
22) T n-Tetracontane (C40)	21.309	638089	5.514 ug/ml

(f)=RT Delta > 1/2 Window

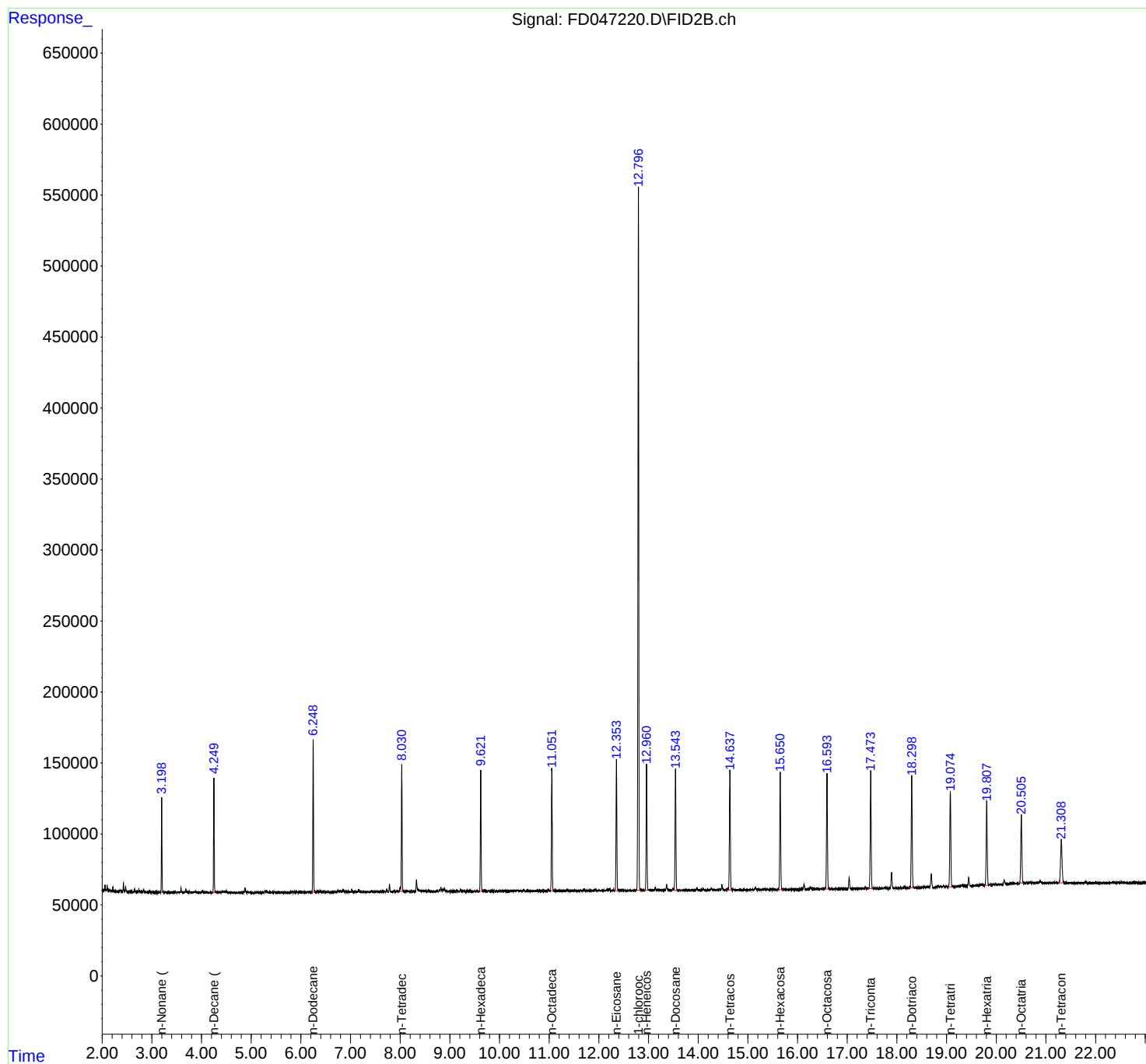
(m)=manual int.

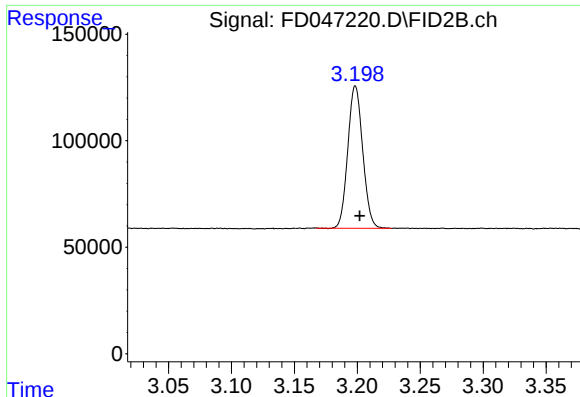
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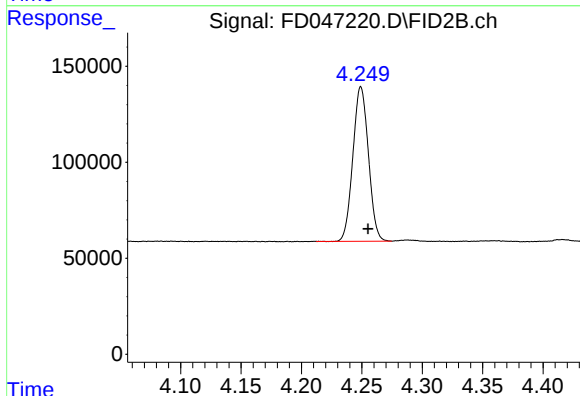




#1 n-Nonane (C9)

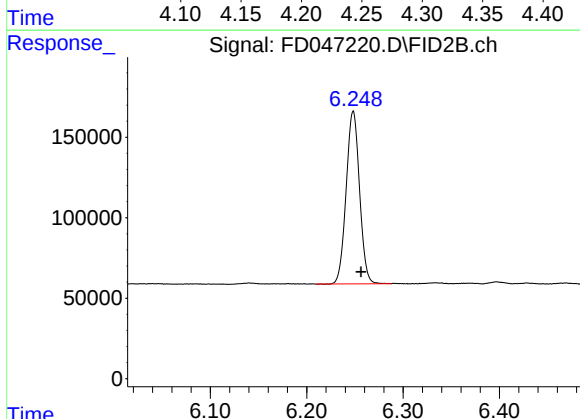
R.T.: 3.199 min
Delta R.T.: -0.003 min
Response: 551416
Conc: 3.52 ug/ml

Instrument :
FID_D
ClientSampleId :
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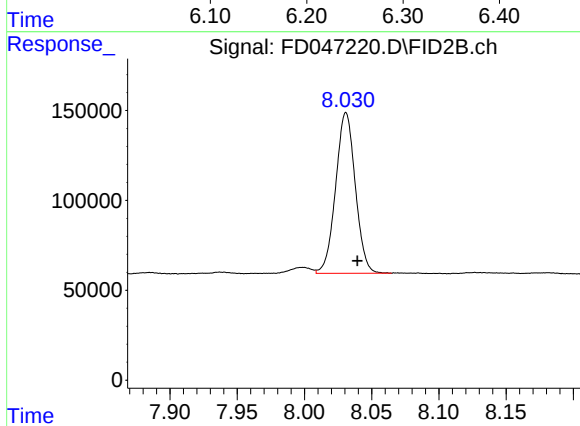
#2 n-Decane (C10)

R.T.: 4.249 min
Delta R.T.: -0.006 min
Response: 719478
Conc: 4.50 ug/ml



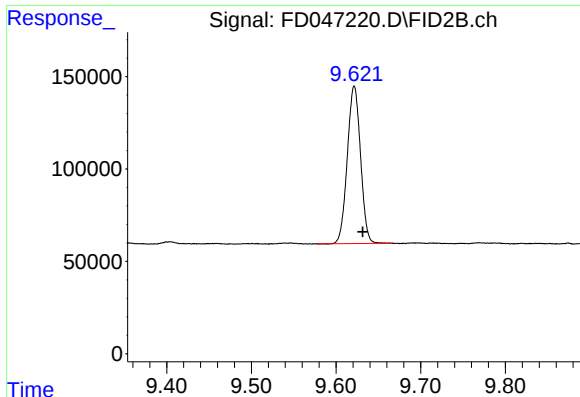
#4 n-Dodecane (C12)

R.T.: 6.248 min
Delta R.T.: -0.008 min
Response: 1026902
Conc: 6.33 ug/ml



#6 n-Tetradecane (C14)

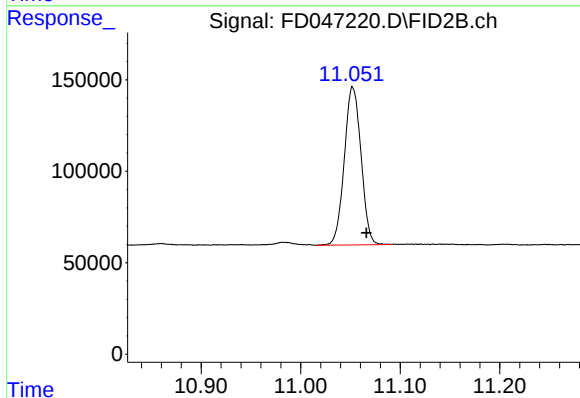
R.T.: 8.031 min
Delta R.T.: -0.009 min
Response: 908584
Conc: 5.62 ug/ml



#7 n-Hexadecane (C16)

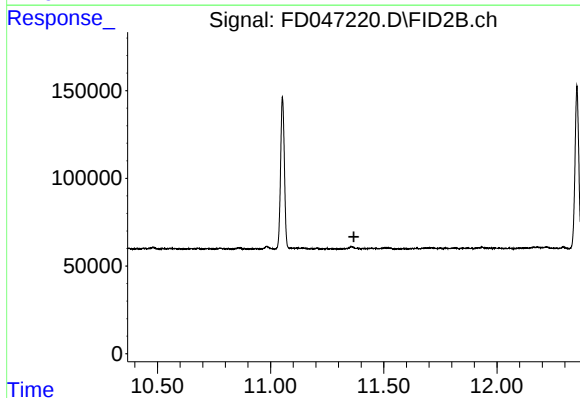
R.T.: 9.622 min
Delta R.T.: -0.010 min
Response: 926122
Conc: 5.53 ug/ml

Instrument :
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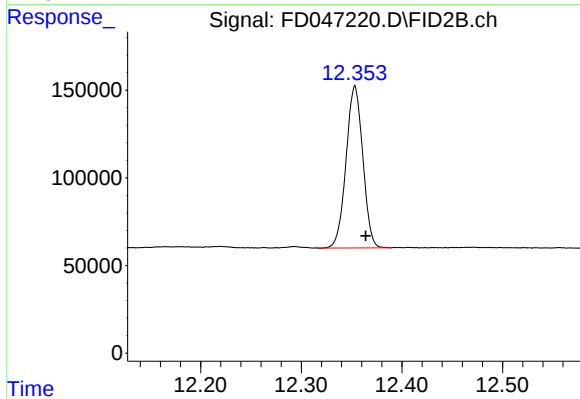
#8 n-Octadecane (C18)

R.T.: 11.052 min
Delta R.T.: -0.014 min
Response: 1008761
Conc: 5.93 ug/ml



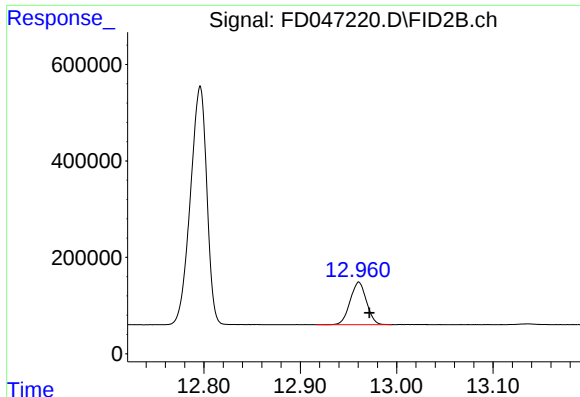
#9 ortho-Terphenyl (SURR)

R.T.: 0.000 min
Exp R.T. : 11.368 min
Response: 0
Conc: N.D.



#10 n-Eicosane (C20)

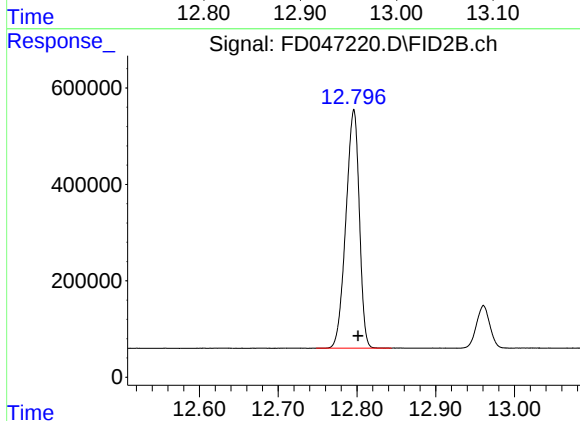
R.T.: 12.353 min
Delta R.T.: -0.011 min
Response: 1067380
Conc: 6.49 ug/ml



#11 n-Heneicosane (C21)

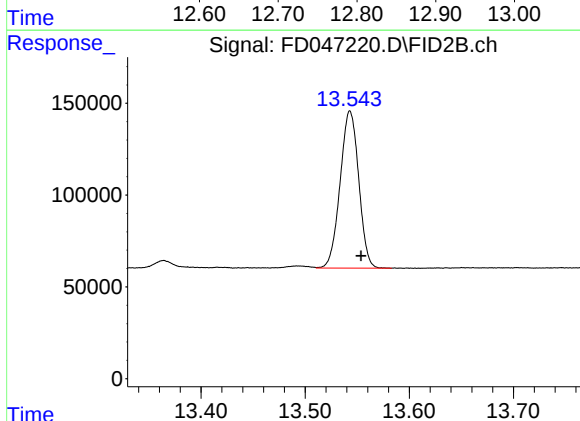
R.T.: 12.961 min
Delta R.T.: -0.011 min
Response: 1036096
Conc: 6.39 ug/ml

Instrument :
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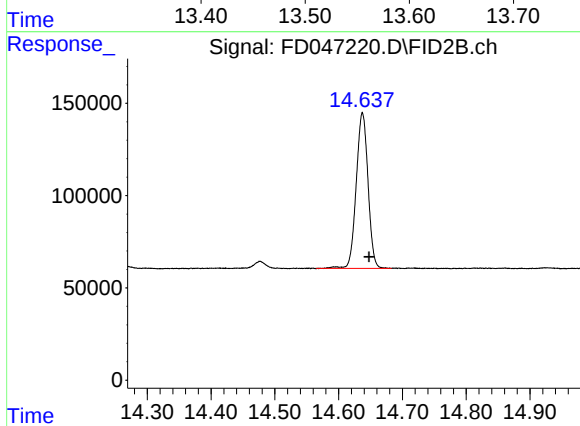
#12 1-chlorooctadecane (SURR)

R.T.: 12.796 min
Delta R.T.: -0.005 min
Response: 5857543
Conc: 42.32 ug/ml



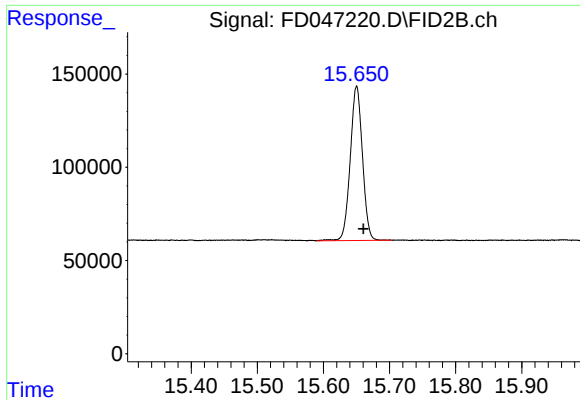
#13 n-Docosane (C22)

R.T.: 13.543 min
Delta R.T.: -0.010 min
Response: 1062155
Conc: 6.60 ug/ml



#14 n-Tetracosane (C24)

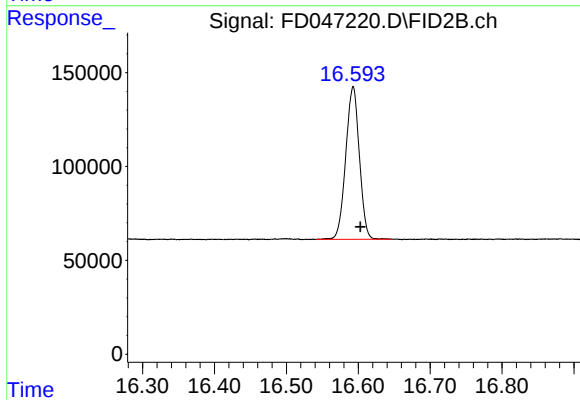
R.T.: 14.637 min
Delta R.T.: -0.010 min
Response: 1085148
Conc: 6.81 ug/ml



#15 n-Hexacosane (C26)

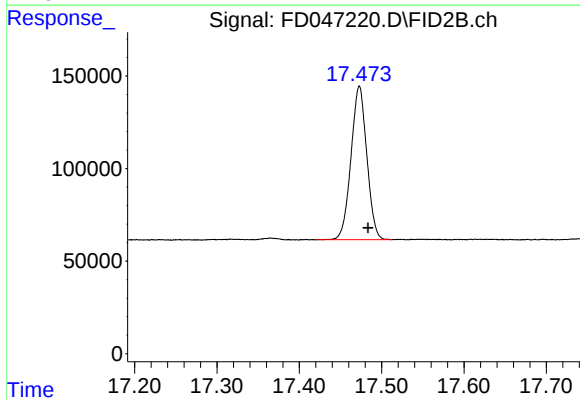
R.T.: 15.650 min
Delta R.T.: -0.010 min
Response: 1063027
Conc: 6.85 ug/ml

Instrument :
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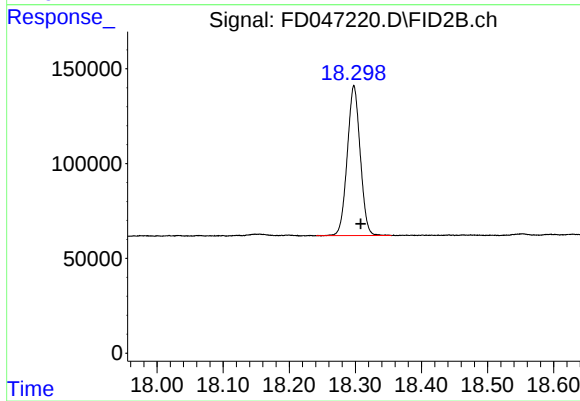
#16 n-Octacosane (C28)

R.T.: 16.593 min
Delta R.T.: -0.010 min
Response: 1070392
Conc: 7.15 ug/ml



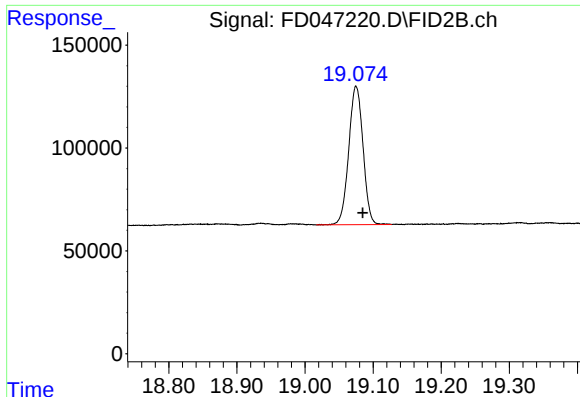
#17 n-Tricontane (C30)

R.T.: 17.473 min
Delta R.T.: -0.011 min
Response: 1106300
Conc: 7.48 ug/ml



#18 n-Dotriacontane (C32)

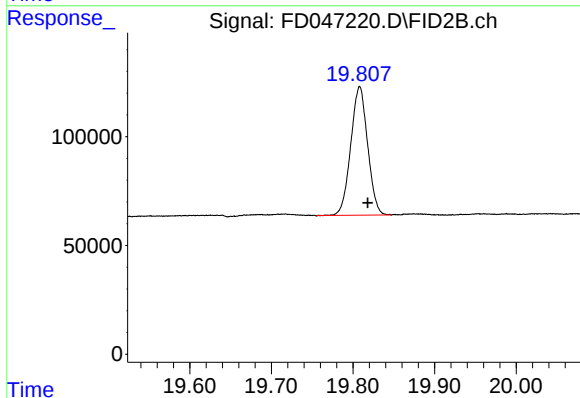
R.T.: 18.298 min
Delta R.T.: -0.010 min
Response: 1076461
Conc: 7.63 ug/ml



#19 n-Tetratriacontane (C34)

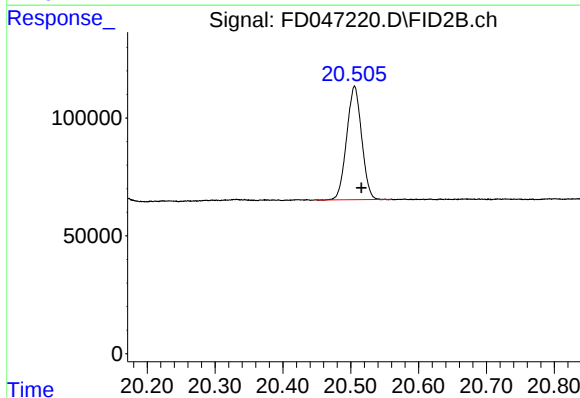
R.T.: 19.075 min
Delta R.T.: -0.010 min
Response: 981970
Conc: 7.42 ug/ml

Instrument :
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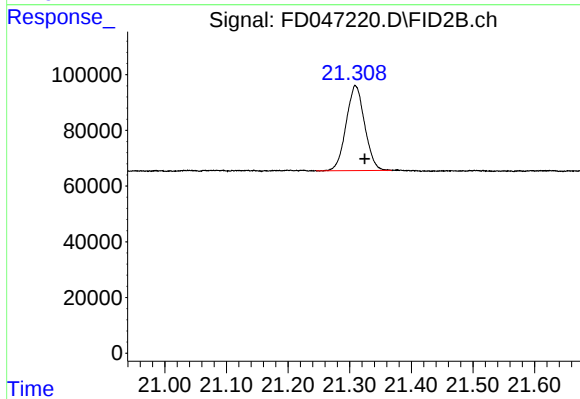
#20 n-Hexatriacontane (C36)

R.T.: 19.808 min
Delta R.T.: -0.010 min
Response: 849788
Conc: 6.83 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.506 min
Delta R.T.: -0.010 min
Response: 737014
Conc: 6.16 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.309 min
Delta R.T.: -0.015 min
Response: 638089
Conc: 5.51 ug/ml