

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD020824AL\
 Data File : FD047215.D
 Signal(s) : FID2B.ch
 Acq On : 09 Feb 2024 02:47
 Operator : YP/AJ
 Sample : P1187-01
 Misc : AL LOD 4 PPM
 ALS Vial : 64 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 LOD-MDL-SOIL-01-QT1-2024

Integration File: autoint1.e
 Quant Time: Feb 09 05:36:48 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...	12.795	5653821	40.850 ug/ml
Spiked Amount 50.000		Recovery =	81.70%
Target Compounds			
1) T n-Nonane (C9)	3.199	428716	2.740 ug/ml
2) T n-Decane (C10)	4.250	553723	3.464 ug/ml
4) T n-Dodecane (C12)	6.248	761969	4.698 ug/ml
6) T n-Tetradecane (C14)	8.031	692944	4.283 ug/ml
7) T n-Hexadecane (C16)	9.621	715694	4.272 ug/ml
8) T n-Octadecane (C18)	11.053	790837	4.647 ug/ml
10) T n-Eicosane (C20)	12.352	836383	5.082 ug/ml
11) T n-Heneicosane (C21)	12.960	824591	5.084 ug/ml
13) T n-Docosane (C22)	13.542	845450	5.252 ug/ml
14) T n-Tetracosane (C24)	14.637	900723	5.655 ug/ml
15) T n-Hexacosane (C26)	15.651	843203	5.430 ug/ml
16) T n-Octacosane (C28)	16.591	816788	5.457 ug/ml
17) T n-Tricontane (C30)	17.472	822616	5.558 ug/ml
18) T n-Dotriacontane (C32)	18.298	804001	5.702 ug/ml
19) T n-Tetratriacontane (C34)	19.074	734666	5.550 ug/ml
20) T n-Hexatriacontane (C36)	19.807	647824	5.207 ug/ml
21) T n-Octatriacontane (C38)	20.504	553255	4.625 ug/ml
22) T n-Tetracontane (C40)	21.309	469929	4.061 ug/ml

(f)=RT Delta > 1/2 Window

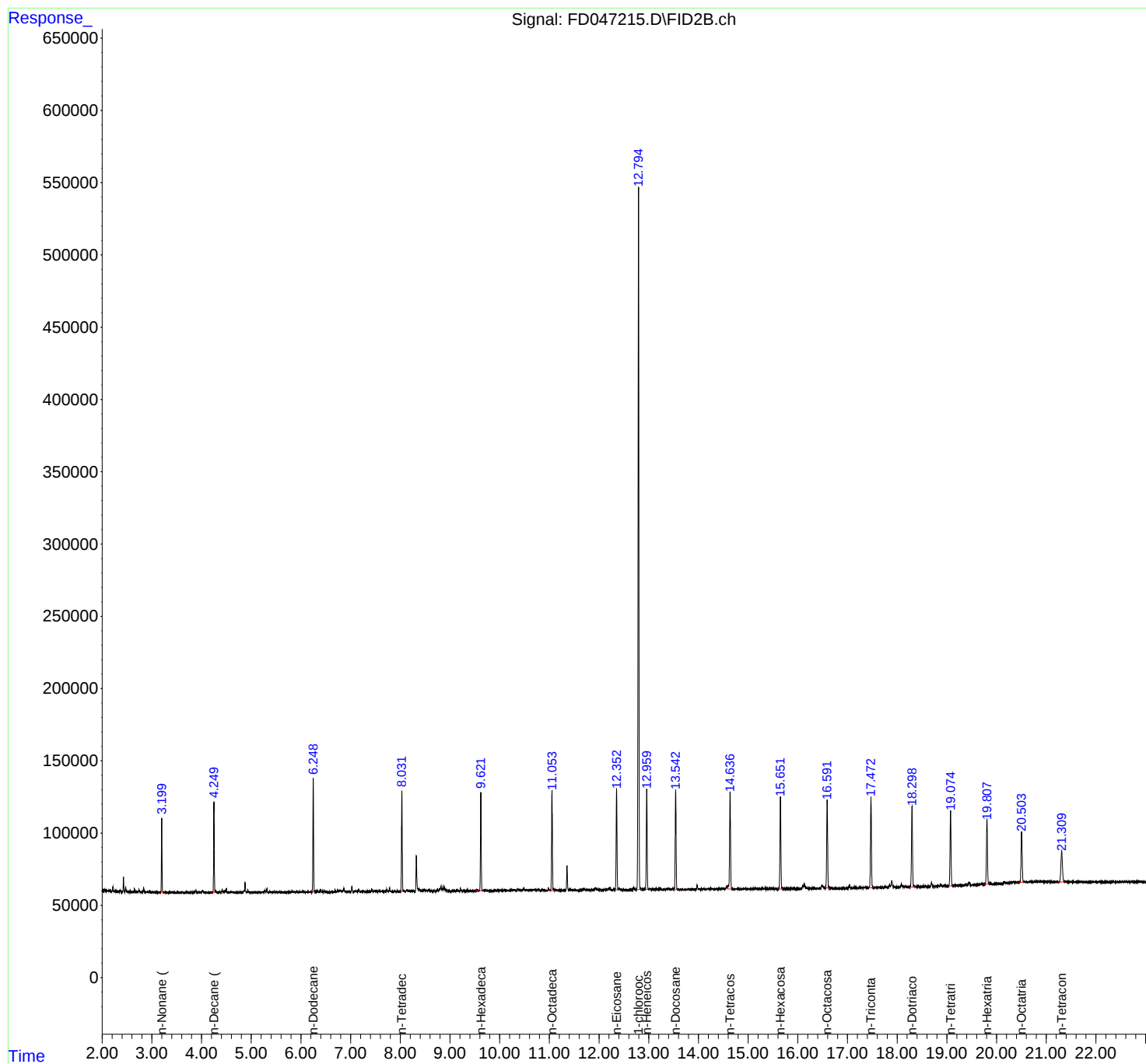
(m)=manual int.

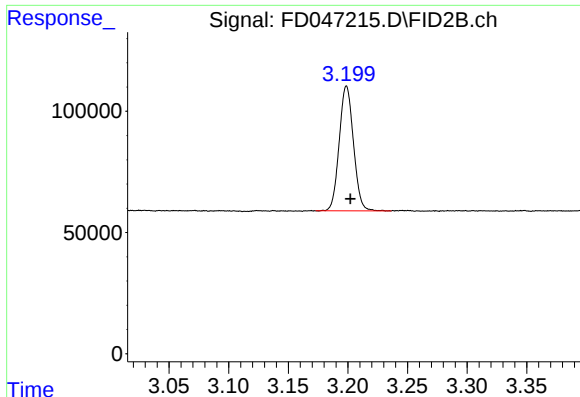
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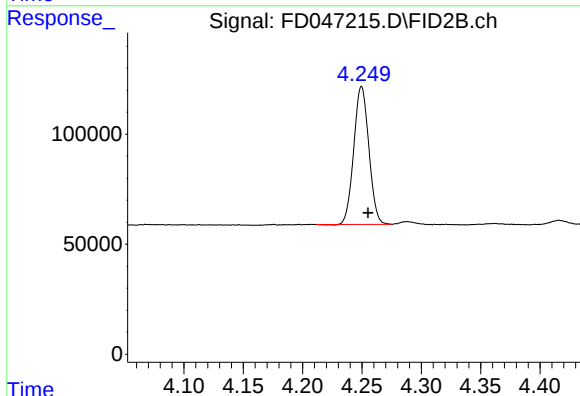




#1 n-Nonane (C9)

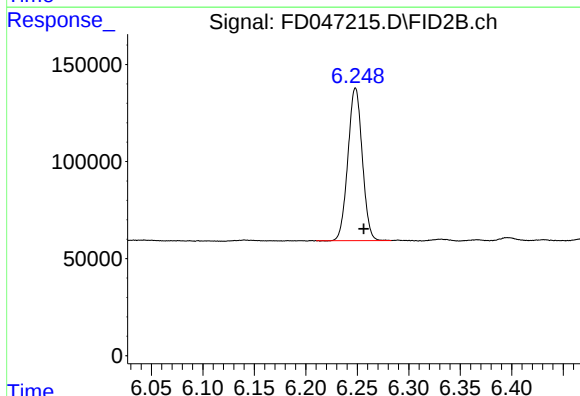
R.T.: 3.199 min
Delta R.T.: -0.003 min
Response: 428716
Conc: 2.74 ug/ml

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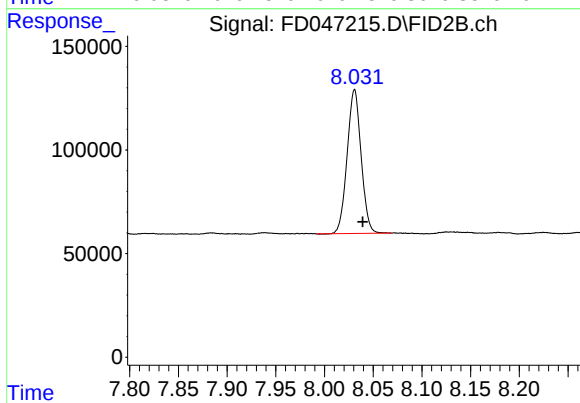
#2 n-Decane (C10)

R.T.: 4.250 min
Delta R.T.: -0.005 min
Response: 553723
Conc: 3.46 ug/ml



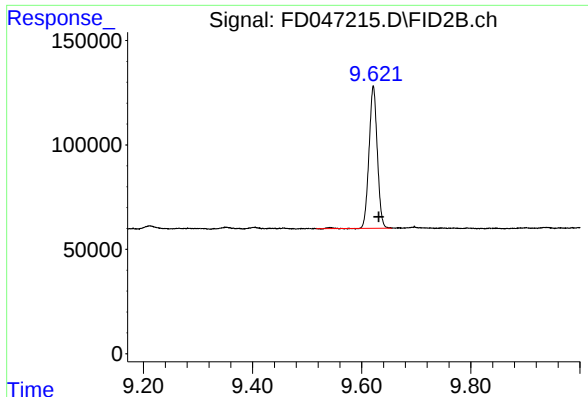
#4 n-Dodecane (C12)

R.T.: 6.248 min
Delta R.T.: -0.008 min
Response: 761969
Conc: 4.70 ug/ml



#6 n-Tetradecane (C14)

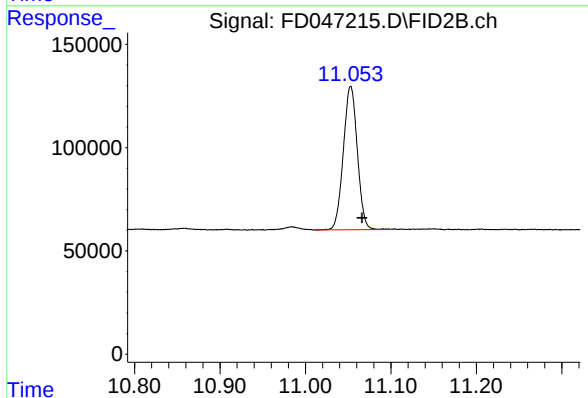
R.T.: 8.031 min
Delta R.T.: -0.009 min
Response: 692944
Conc: 4.28 ug/ml



#7 n-Hexadecane (C16)

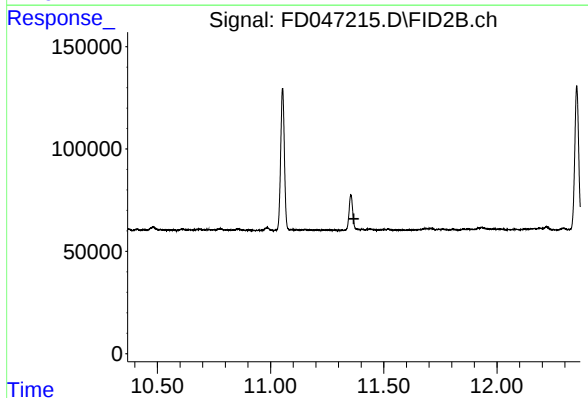
R.T.: 9.621 min
Delta R.T.: -0.010 min
Response: 715694
Conc: 4.27 ug/ml

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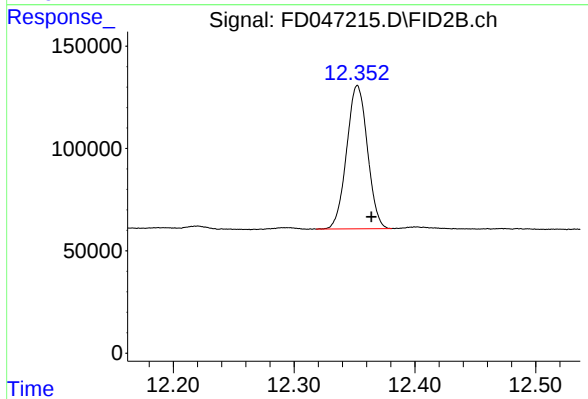
#8 n-Octadecane (C18)

R.T.: 11.053 min
Delta R.T.: -0.013 min
Response: 790837
Conc: 4.65 ug/ml



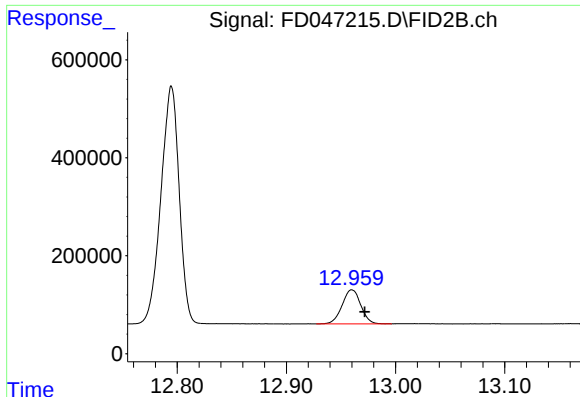
#9 ortho-Terphenyl (SURRE)

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



#10 n-Eicosane (C20)

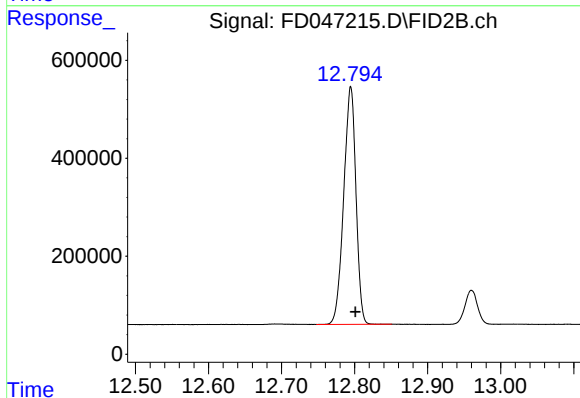
R.T.: 12.352 min
Delta R.T.: -0.012 min
Response: 836383
Conc: 5.08 ug/ml



#11 n-Heneicosane (C21)

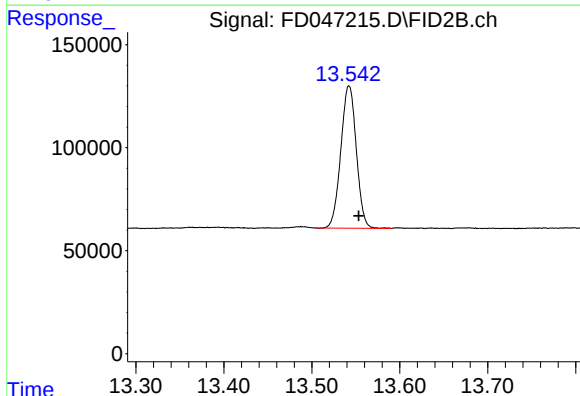
R.T.: 12.960 min
Delta R.T.: -0.012 min
Response: 824591
Conc: 5.08 ug/ml

Instrument :
FID_D
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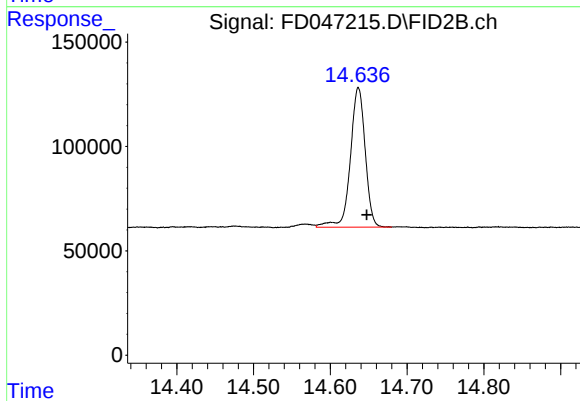
#12 1-chlorooctadecane (SURR)

R.T.: 12.795 min
Delta R.T.: -0.007 min
Response: 5653821
Conc: 40.85 ug/ml



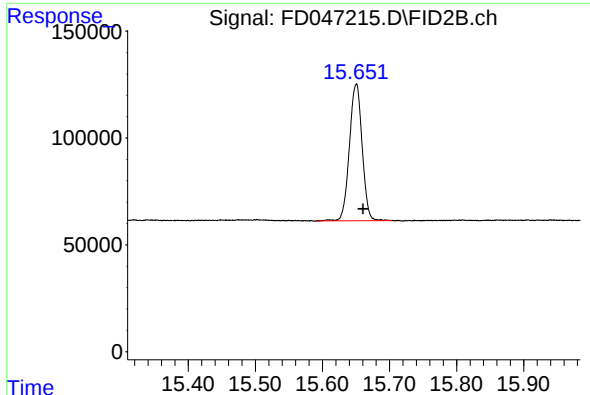
#13 n-Docosane (C22)

R.T.: 13.542 min
Delta R.T.: -0.011 min
Response: 845450
Conc: 5.25 ug/ml



#14 n-Tetracosane (C24)

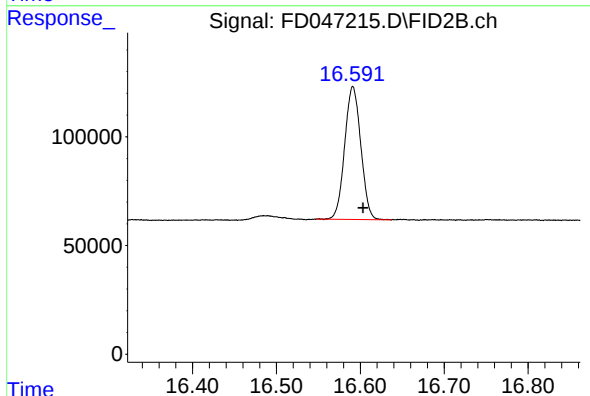
R.T.: 14.637 min
Delta R.T.: -0.011 min
Response: 900723
Conc: 5.66 ug/ml



#15 n-Hexacosane (C26)

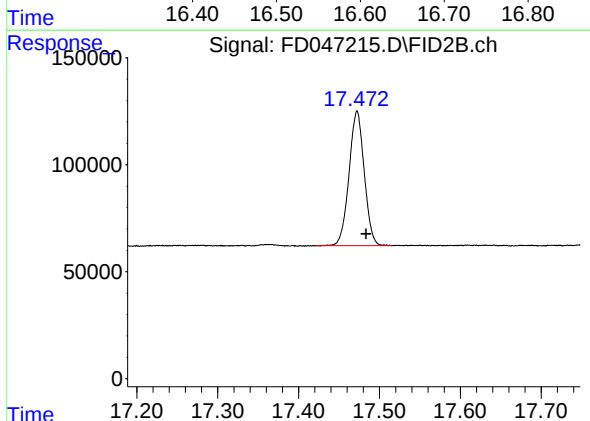
R.T.: 15.651 min
Delta R.T.: -0.010 min
Response: 843203
Conc: 5.43 ug/ml

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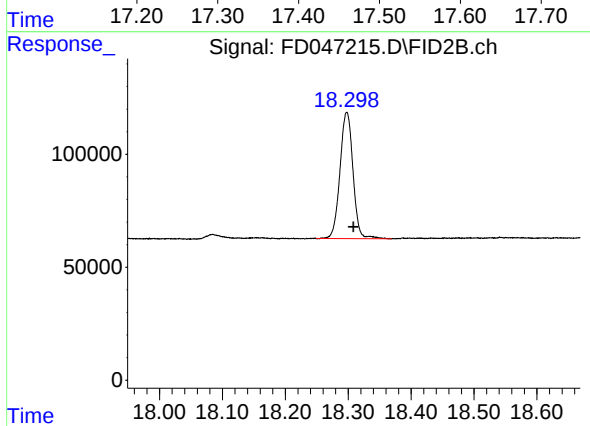
#16 n-Octacosane (C28)

R.T.: 16.591 min
Delta R.T.: -0.012 min
Response: 816788
Conc: 5.46 ug/ml



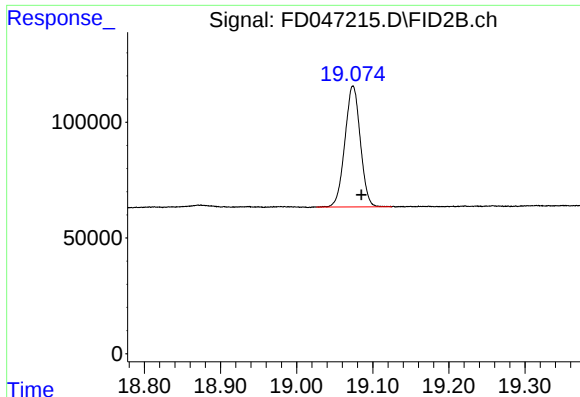
#17 n-Tricontane (C30)

R.T.: 17.472 min
Delta R.T.: -0.011 min
Response: 822616
Conc: 5.56 ug/ml



#18 n-Dotriacontane (C32)

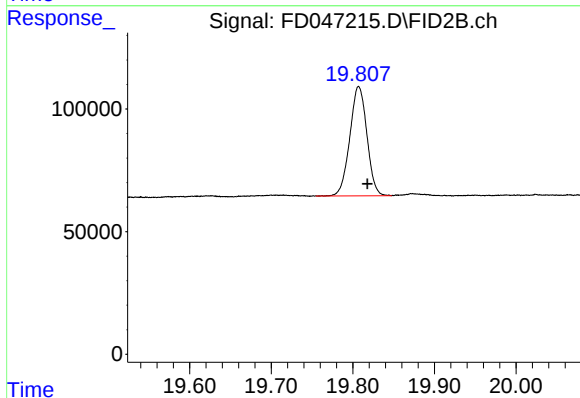
R.T.: 18.298 min
Delta R.T.: -0.010 min
Response: 804001
Conc: 5.70 ug/ml



#19 n-Tetratriacontane (C34)

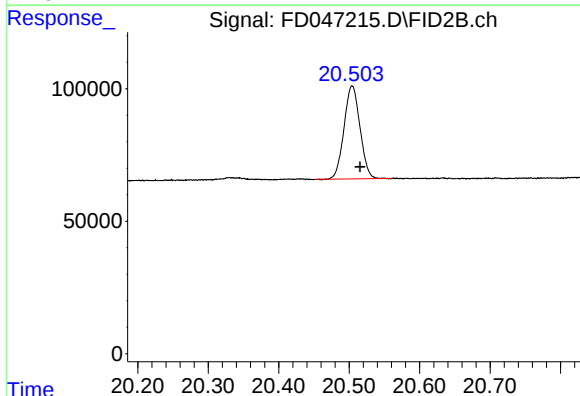
R.T.: 19.074 min
Delta R.T.: -0.011 min
Response: 734666
Conc: 5.55 ug/ml

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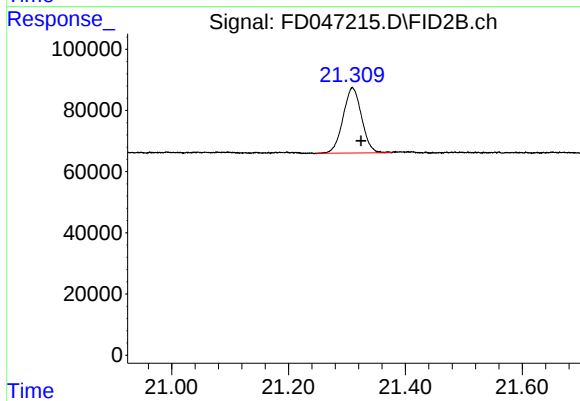
#20 n-Hexatriacontane (C36)

R.T.: 19.807 min
Delta R.T.: -0.011 min
Response: 647824
Conc: 5.21 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.504 min
Delta R.T.: -0.011 min
Response: 553255
Conc: 4.62 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.309 min
Delta R.T.: -0.015 min
Response: 469929
Conc: 4.06 ug/ml