

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD051424AL\
 Data File : FD047751.D
 Signal(s) : FID2B.ch
 Acq On : 14 May 2024 09:30
 Operator : YP/AJ
 Sample : P2403-02
 Misc :
 ALS Vial : 57 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 LOQ-SOIL-02-QT2-2024

Integration File: autoint1.e
 Quant Time: May 15 05:28:31 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 051324.M
 Quant Title : GC Extractables
 QLast Update : Mon May 13 13:08:23 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...	12.791	6377850	39.139 ug/ml
Spiked Amount 50.000		Recovery =	78.28%
Target Compounds			
1) T n-Nonane (C9)	3.186	479860	2.492 ug/ml
2) T n-Decane (C10)	4.238	597983	3.020 ug/ml
4) T n-Dodecane (C12)	6.237	780774	3.931 ug/ml
6) T n-Tetradecane (C14)	8.021	722812	3.701 ug/ml
7) T n-Hexadecane (C16)	9.613	722015	3.598 ug/ml
8) T n-Octadecane (C18)	11.046	799416	3.936 ug/ml
10) T n-Eicosane (C20)	12.349	845283	4.330 ug/ml
11) T n-Heneicosane (C21)	12.957	787084	4.092 ug/ml
13) T n-Docosane (C22)	13.540	949033	4.987 ug/ml
14) T n-Tetracosane (C24)	14.638	1190150	6.330 ug/ml
15) T n-Hexacosane (C26)	15.654	1307365	7.217 ug/ml
16) T n-Octacosane (C28)	16.599	1430675	8.209 ug/ml
17) T n-Tricontane (C30)	17.482	1497892	8.583 ug/ml
18) T n-Dotriacontane (C32)	18.310	1380282	8.107 ug/ml
19) T n-Tetratriacontane (C34)	19.090	984454	6.104 ug/ml
20) T n-Hexatriacontane (C36)	19.826	800177	5.234 ug/ml
21) T n-Octatriacontane (C38)	20.525	660176	4.490 ug/ml
22) T n-Tetracontane (C40)	21.331	614293	4.331 ug/ml

(f)=RT Delta > 1/2 Window

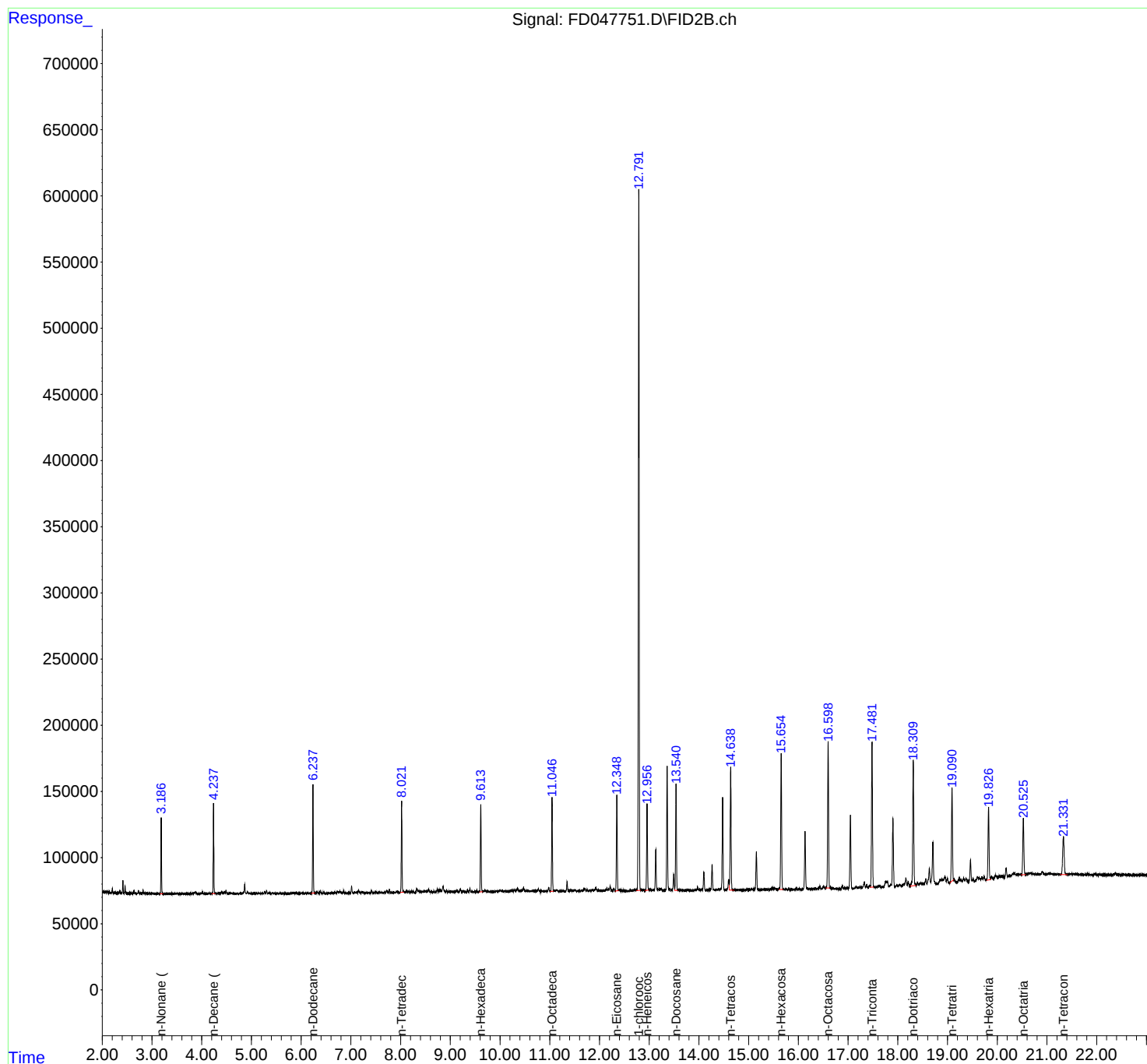
(m)=manual int.

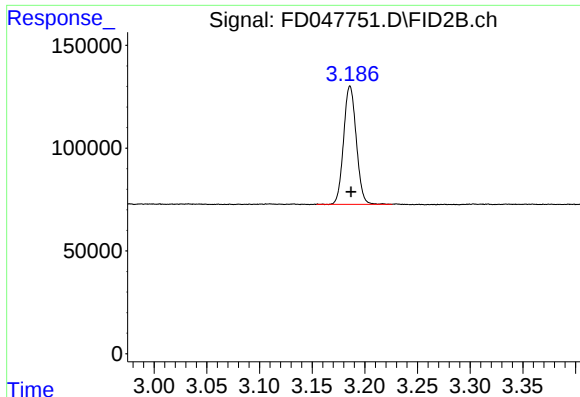
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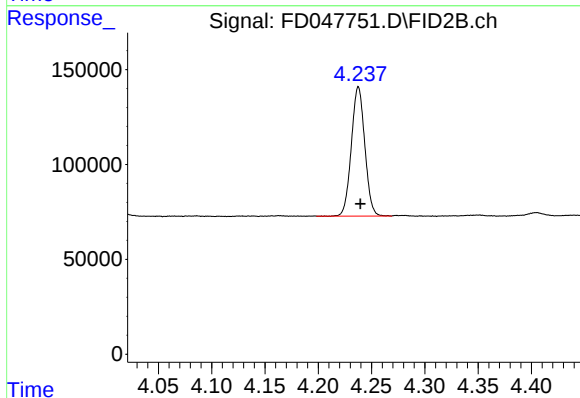




#1 n-Nonane (C9)

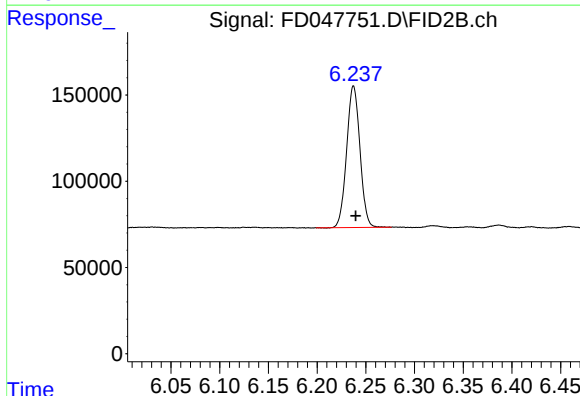
R.T.: 3.186 min
Delta R.T.: 0.000 min
Response: 479860
Conc: 2.49 ug/ml

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LOQ-SOIL-02-QT2-2024



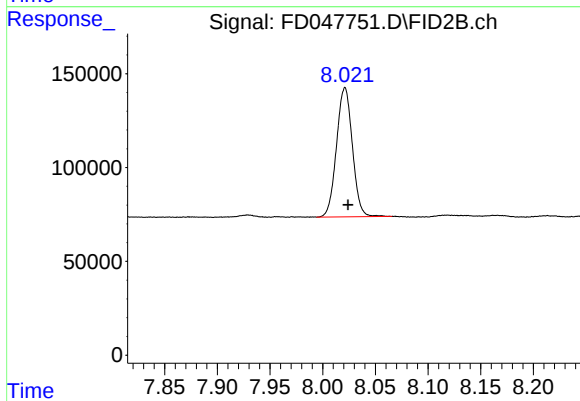
#2 n-Decane (C10)

R.T.: 4.238 min
Delta R.T.: -0.002 min
Response: 597983
Conc: 3.02 ug/ml



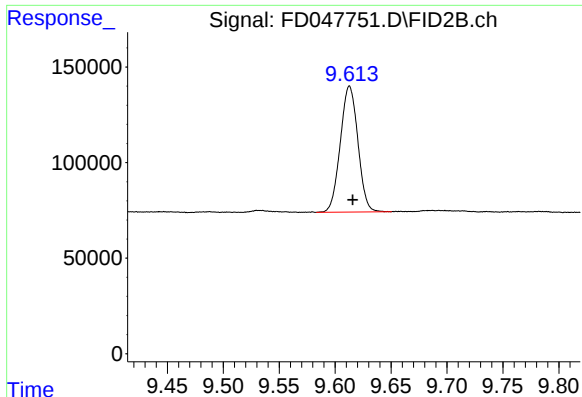
#4 n-Dodecane (C12)

R.T.: 6.237 min
Delta R.T.: -0.002 min
Response: 780774
Conc: 3.93 ug/ml



#6 n-Tetradecane (C14)

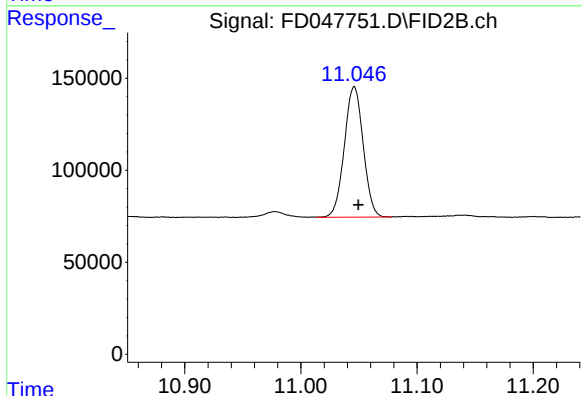
R.T.: 8.021 min
Delta R.T.: -0.003 min
Response: 722812
Conc: 3.70 ug/ml



#7 n-Hexadecane (C16)

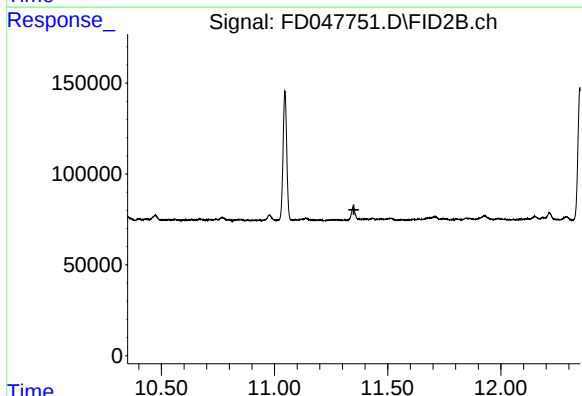
R.T.: 9.613 min
Delta R.T.: -0.003 min
Response: 722015
Conc: 3.60 ug/ml

Instrument :
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LOQ-SOIL-02-QT2-2024



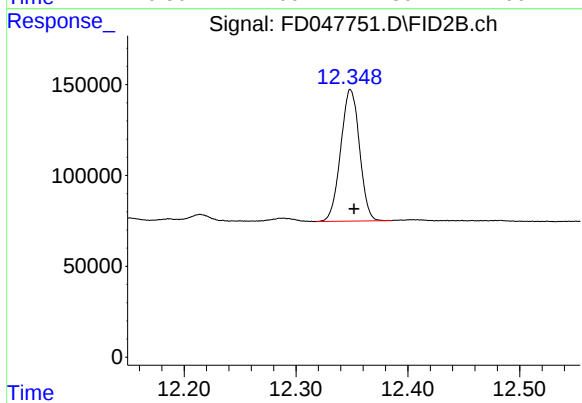
#8 n-Octadecane (C18)

R.T.: 11.046 min
Delta R.T.: -0.003 min
Response: 799416
Conc: 3.94 ug/ml



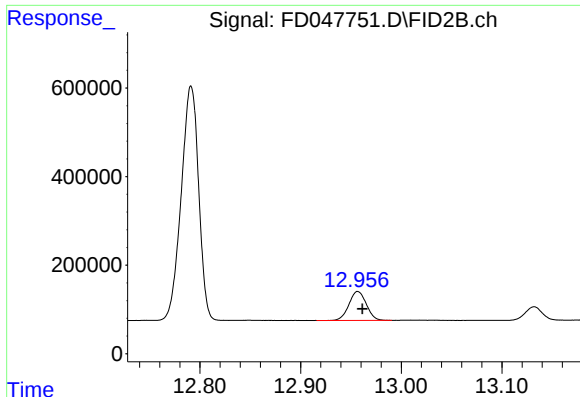
#9 ortho-Terphenyl (SURR)

R.T.: 0.000 min
Exp R.T. : 11.351 min
Response: 0
Conc: N.D.



#10 n-Eicosane (C20)

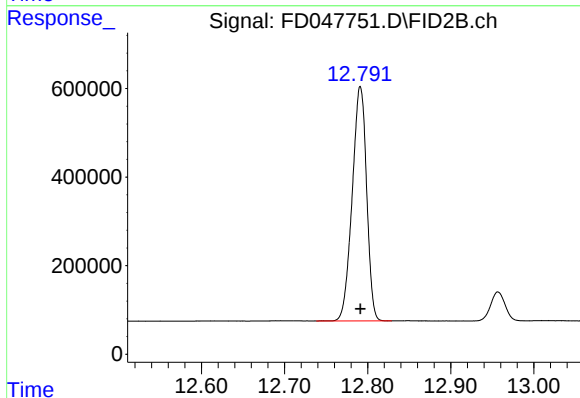
R.T.: 12.349 min
Delta R.T.: -0.003 min
Response: 845283
Conc: 4.33 ug/ml



#11 n-Heneicosane (C21)

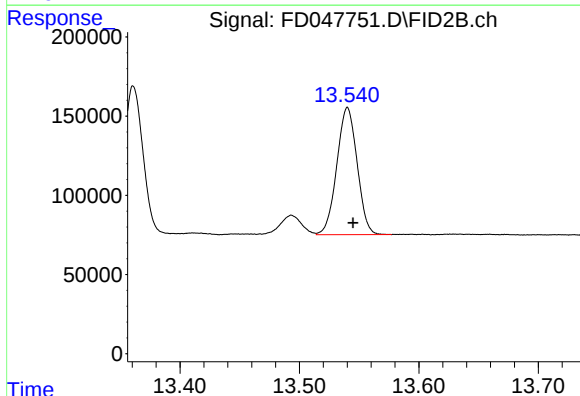
R.T.: 12.957 min
Delta R.T.: -0.005 min
Response: 787084
Conc: 4.09 ug/ml

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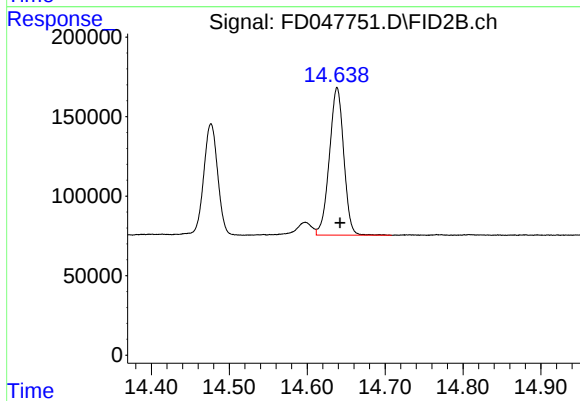
#12 1-chlorooctadecane (SURR)

R.T.: 12.791 min
Delta R.T.: 0.000 min
Response: 6377850
Conc: 39.14 ug/ml



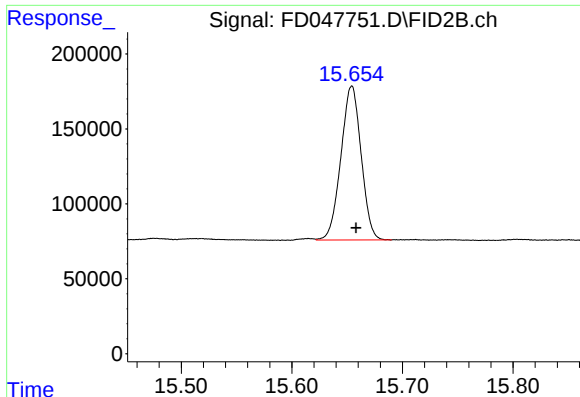
#13 n-Docosane (C22)

R.T.: 13.540 min
Delta R.T.: -0.005 min
Response: 949033
Conc: 4.99 ug/ml



#14 n-Tetracosane (C24)

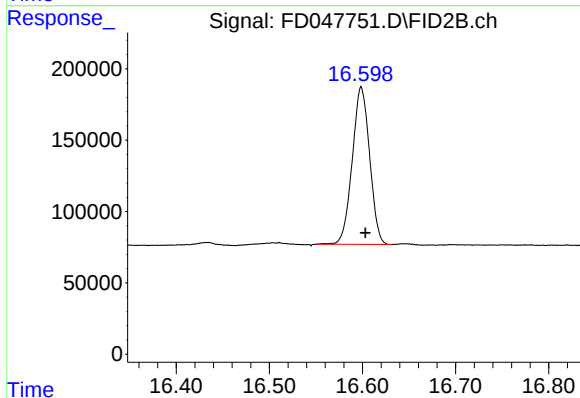
R.T.: 14.638 min
Delta R.T.: -0.004 min
Response: 1190150
Conc: 6.33 ug/ml



#15 n-Hexacosane (C26)

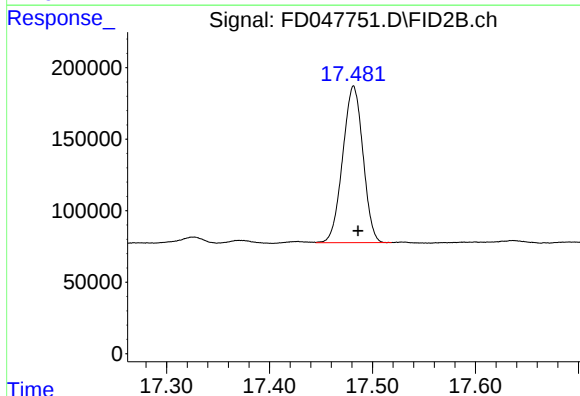
R.T.: 15.654 min
Delta R.T.: -0.004 min
Response: 1307365
Conc: 7.22 ug/ml

Instrument :
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LOQ-SOIL-02-QT2-2024



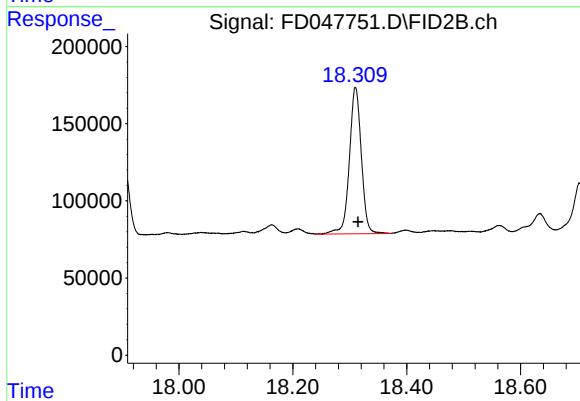
#16 n-Octacosane (C28)

R.T.: 16.599 min
Delta R.T.: -0.004 min
Response: 1430675
Conc: 8.21 ug/ml



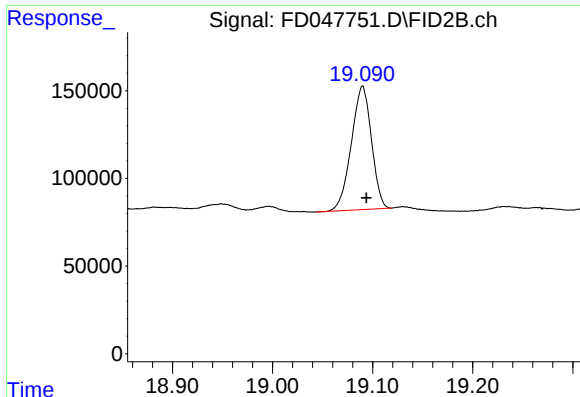
#17 n-Tricontane (C30)

R.T.: 17.482 min
Delta R.T.: -0.004 min
Response: 1497892
Conc: 8.58 ug/ml



#18 n-Dotriacontane (C32)

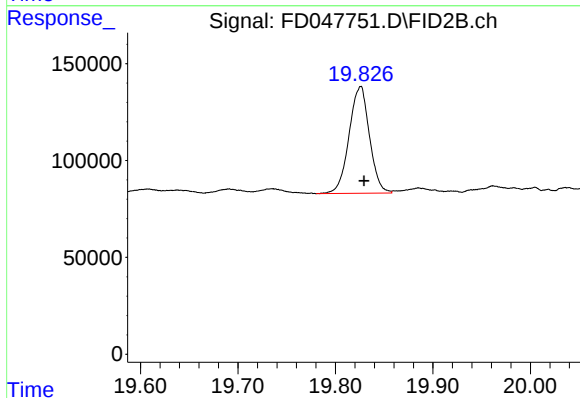
R.T.: 18.310 min
Delta R.T.: -0.005 min
Response: 1380282
Conc: 8.11 ug/ml



#19 n-Tetratriacontane (C34)

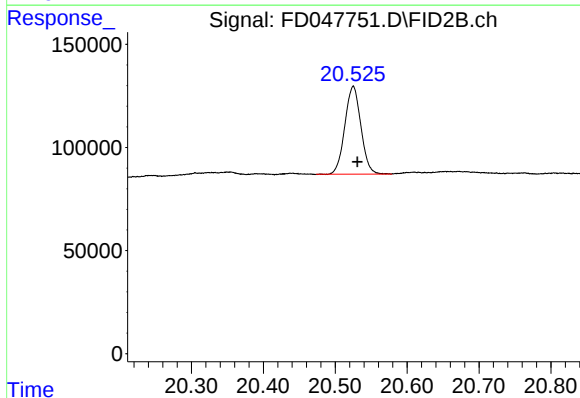
R.T.: 19.090 min
Delta R.T.: -0.004 min
Response: 984454
Conc: 6.10 ug/ml

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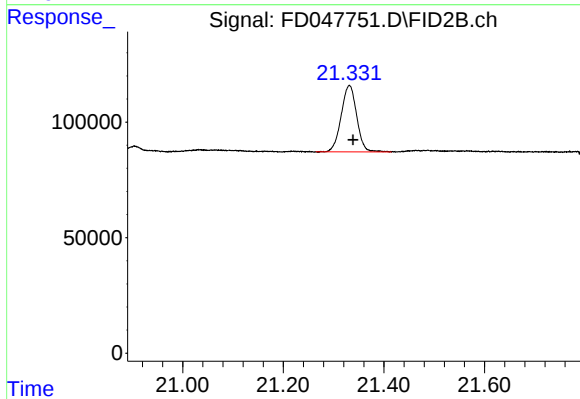
#20 n-Hexatriacontane (C36)

R.T.: 19.826 min
Delta R.T.: -0.003 min
Response: 800177
Conc: 5.23 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.525 min
Delta R.T.: -0.006 min
Response: 660176
Conc: 4.49 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.331 min
Delta R.T.: -0.007 min
Response: 614293
Conc: 4.33 ug/ml