

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG061223AL\
 Data File : FG012158.D
 Signal(s) : FID1A.ch
 Acq On : 12 Jun 2023 14:42
 Operator : YP\AJ
 Sample : 02213-02
 Misc : 5 PPM SOIL LOQ
 ALS Vial : 65 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 LOQ-SOIL-02-QT2-2023

Integration File: autoint1.e
 Quant Time: Jun 13 01:18:27 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 051923.M
 Quant Title : GC Extractables
 QLast Update : Fri May 19 12:59:06 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...	12.355	5981909	50.445 ug/ml
Spiked Amount 50.000		Recovery =	100.89%
Target Compounds			
1) T n-Nonane (C9)	2.751	311930	2.709 ug/ml
2) T n-Decane (C10)	3.761	398636	3.380 ug/ml
4) T n-Dodecane (C12)	5.752	491738	4.100 ug/ml
6) T n-Tetradecane (C14)	7.546	454387	3.742 ug/ml
7) T n-Hexadecane (C16)	9.149	506279	3.899 ug/ml
8) T n-Octadecane (C18)	10.592	585640	4.302 ug/ml
10) T n-Eicosane (C20)	11.905	616514	4.568 ug/ml
11) T n-Heneicosane (C21)	12.518	585092	4.353 ug/ml
13) T n-Docosane (C22)	13.106	613916	4.543 ug/ml
14) T n-Tetracosane (C24)	14.211	608202	4.469 ug/ml
15) T n-Hexacosane (C26)	15.235	577484	4.317 ug/ml
16) T n-Octacosane (C28)	16.187	569561	4.363 ug/ml
17) T n-Tricontane (C30)	17.077	597245	4.528 ug/ml
18) T n-Dotriacontane (C32)	17.912	613283	4.774 ug/ml
19) T n-Tetratriacontane (C34)	18.699	588501	4.803 ug/ml
20) T n-Hexatriacontane (C36)	19.441	542796	4.666 ug/ml
21) T n-Octatriacontane (C38)	20.184	514318	4.578 ug/ml
22) T n-Tetracontane (C40)	21.103	476770	4.425 ug/ml

(f)=RT Delta > 1/2 Window

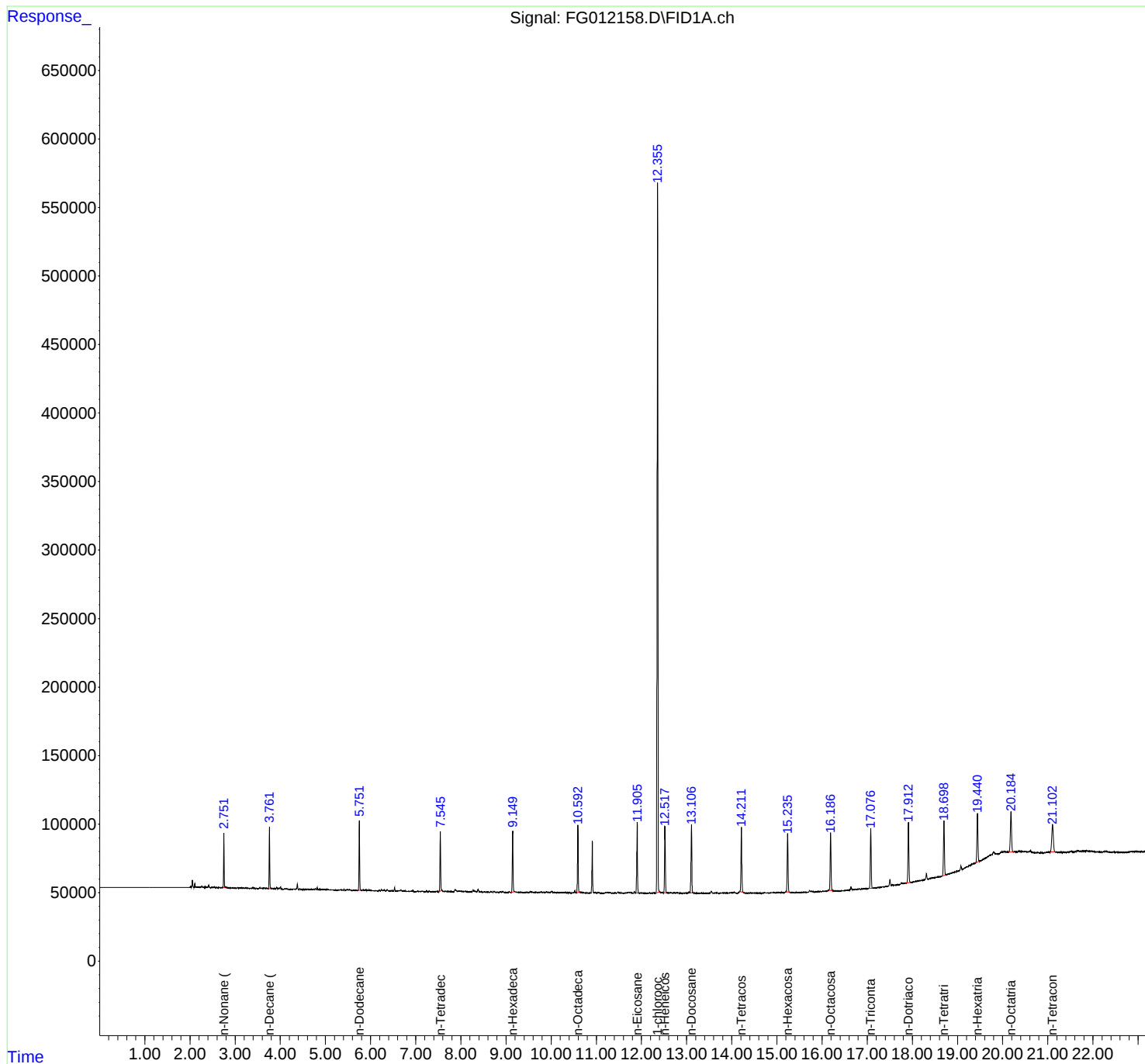
(m)=manual int.

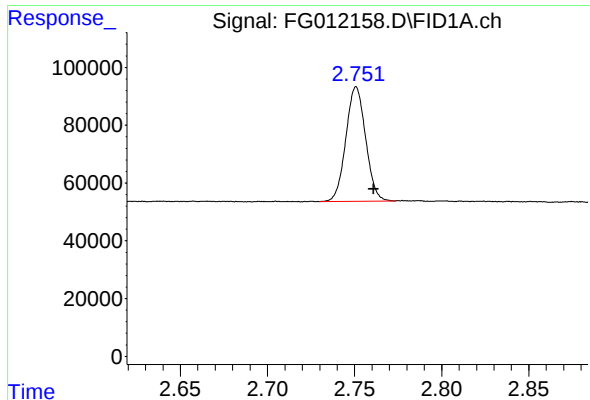
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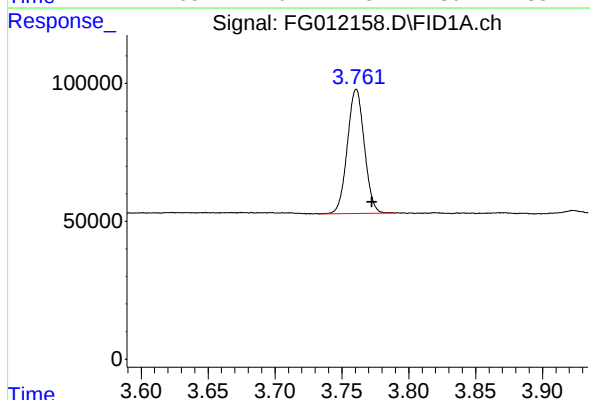




#1 n-Nonane (C9)

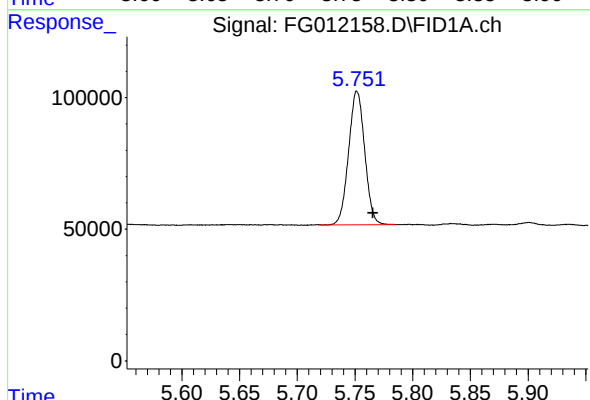
R.T.: 2.751 min
Delta R.T.: -0.010 min
Response: 311930
Conc: 2.71 ug/ml

Instrument :
FID_G
ClientSampleId :
LOQ-SOIL-02-QT2-2023



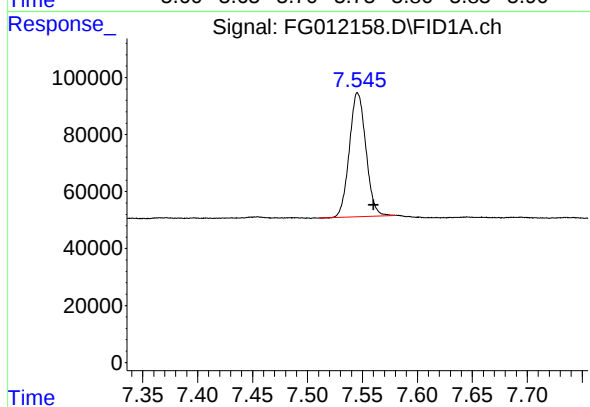
#2 n-Decane (C10)

R.T.: 3.761 min
Delta R.T.: -0.012 min
Response: 398636
Conc: 3.38 ug/ml



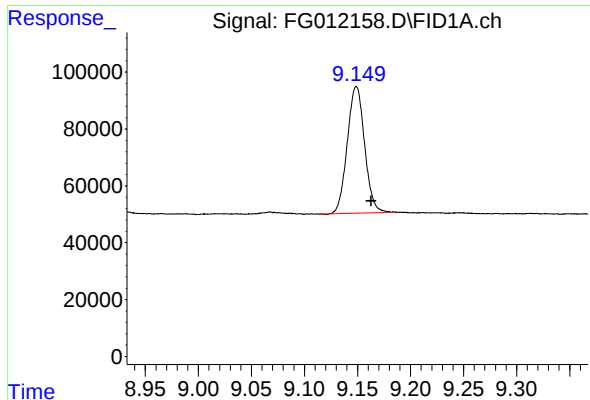
#4 n-Dodecane (C12)

R.T.: 5.752 min
Delta R.T.: -0.014 min
Response: 491738
Conc: 4.10 ug/ml



#6 n-Tetradecane (C14)

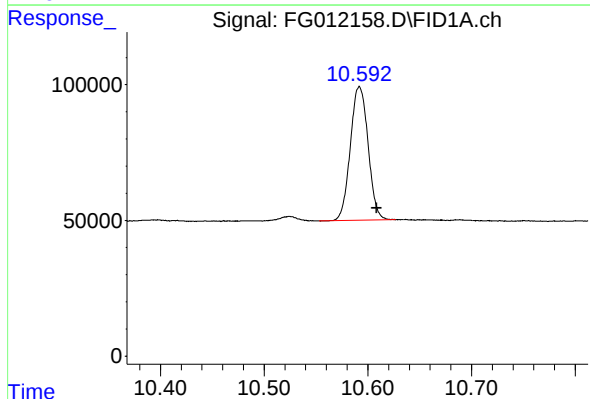
R.T.: 7.546 min
Delta R.T.: -0.014 min
Response: 454387
Conc: 3.74 ug/ml



#7 n-Hexadecane (C16)

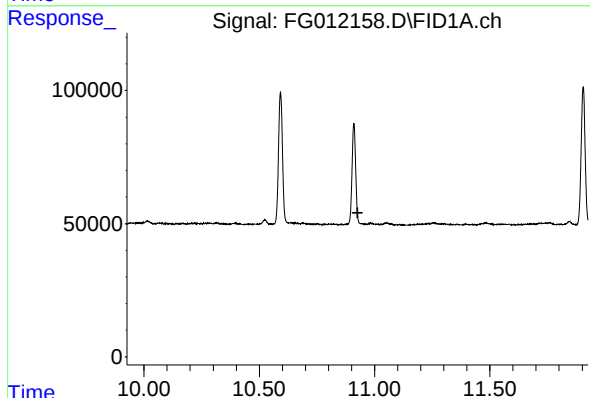
R.T.: 9.149 min
Delta R.T.: -0.014 min
Response: 506279
Conc: 3.90 ug/ml

Instrument :
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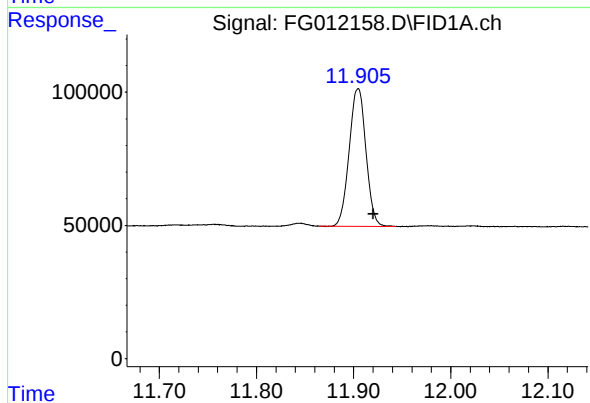
#8 n-Octadecane (C18)

R.T.: 10.592 min
Delta R.T.: -0.017 min
Response: 585640
Conc: 4.30 ug/ml



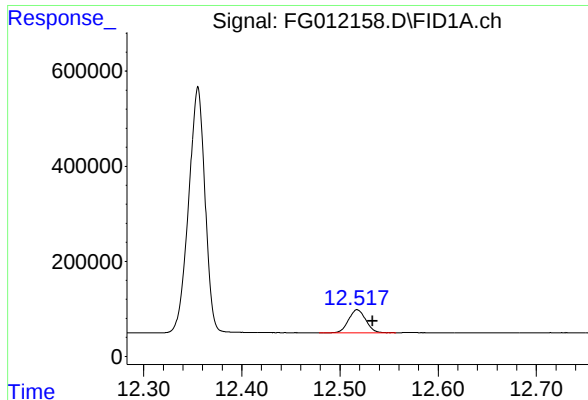
#9 ortho-Terphenyl (SURR)

R.T.: 0.000 min
Exp R.T.: 10.926 min
Response: 0
Conc: N.D.



#10 n-Eicosane (C20)

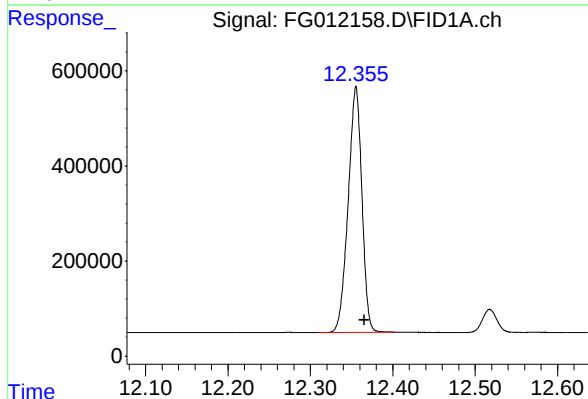
R.T.: 11.905 min
Delta R.T.: -0.015 min
Response: 616514
Conc: 4.57 ug/ml



#11 n-Heneicosane (C21)

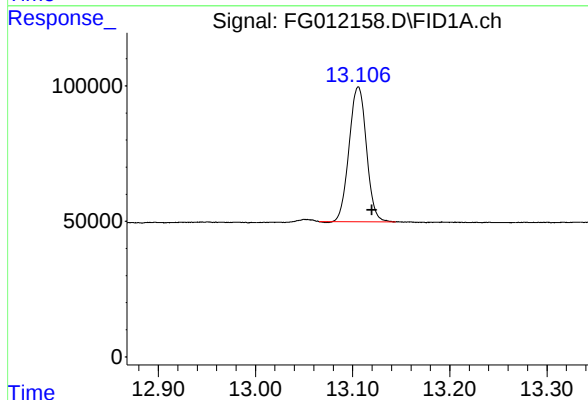
R.T.: 12.518 min
Delta R.T.: -0.015 min
Response: 585092
Conc: 4.35 ug/ml

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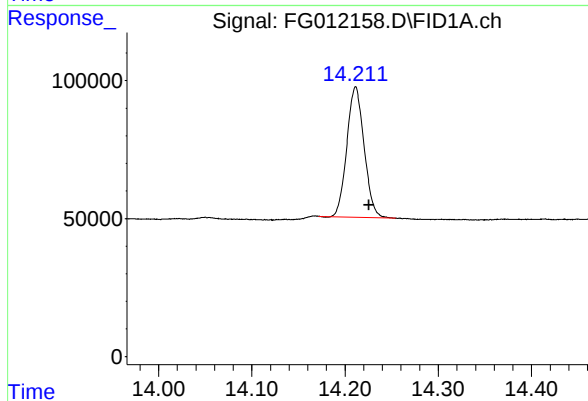
#12 1-chlorooctadecane (SURR)

R.T.: 12.355 min
Delta R.T.: -0.010 min
Response: 5981909
Conc: 50.45 ug/ml



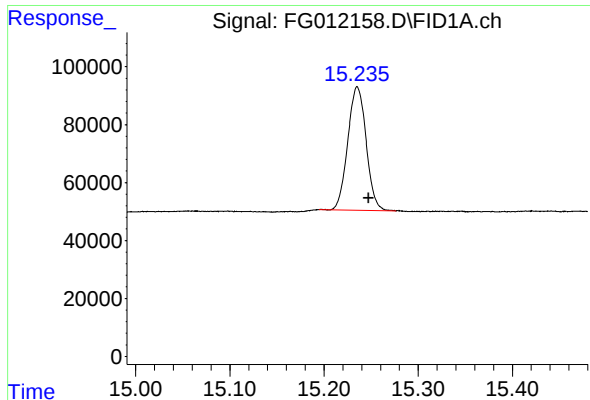
#13 n-Docosane (C22)

R.T.: 13.106 min
Delta R.T.: -0.014 min
Response: 613916
Conc: 4.54 ug/ml



#14 n-Tetracosane (C24)

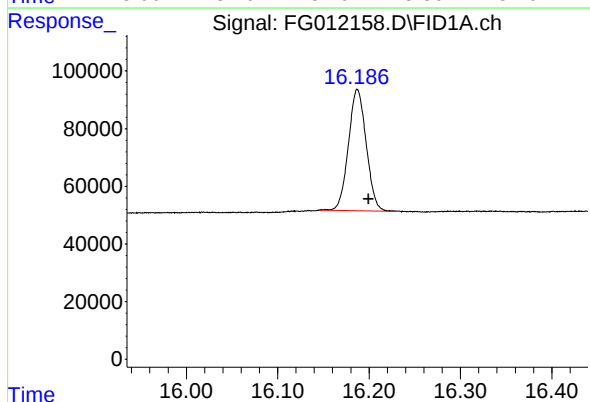
R.T.: 14.211 min
Delta R.T.: -0.014 min
Response: 608202
Conc: 4.47 ug/ml



#15 n-Hexacosane (C26)

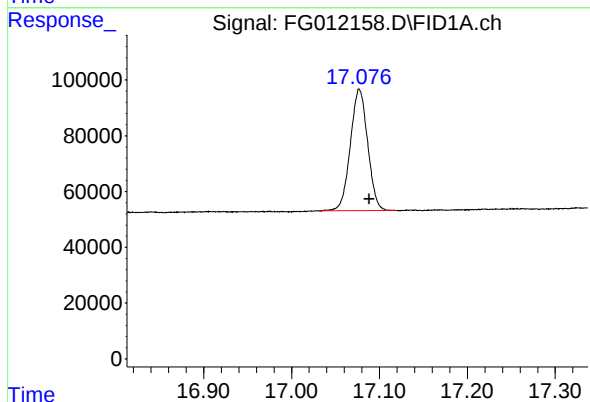
R.T.: 15.235 min
Delta R.T.: -0.012 min
Response: 577484
Conc: 4.32 ug/ml

Instrument :
FID_G
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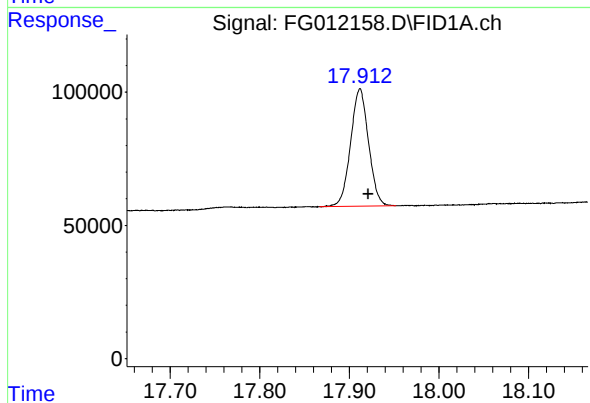
#16 n-Octacosane (C28)

R.T.: 16.187 min
Delta R.T.: -0.012 min
Response: 569561
Conc: 4.36 ug/ml



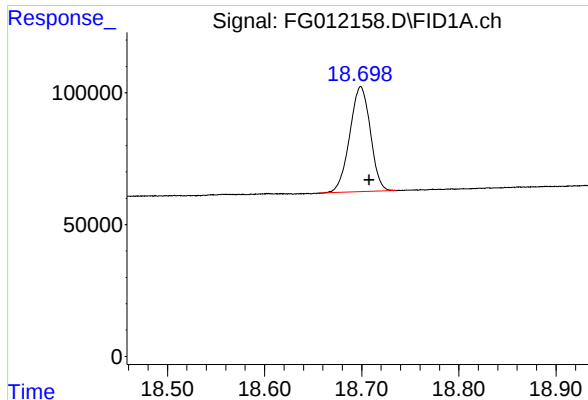
#17 n-Tricontane (C30)

R.T.: 17.077 min
Delta R.T.: -0.011 min
Response: 597245
Conc: 4.53 ug/ml



#18 n-Dotriacontane (C32)

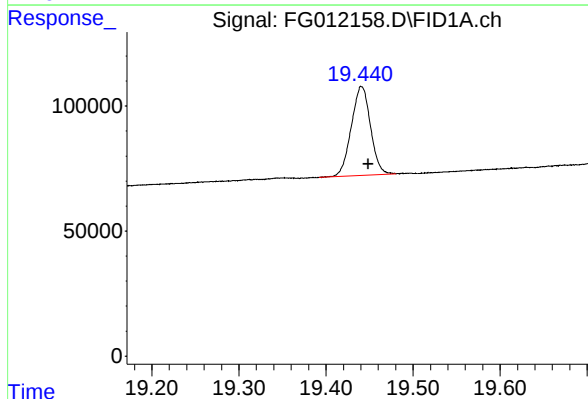
R.T.: 17.912 min
Delta R.T.: -0.009 min
Response: 613283
Conc: 4.77 ug/ml



#19 n-Tetratriacontane (C34)

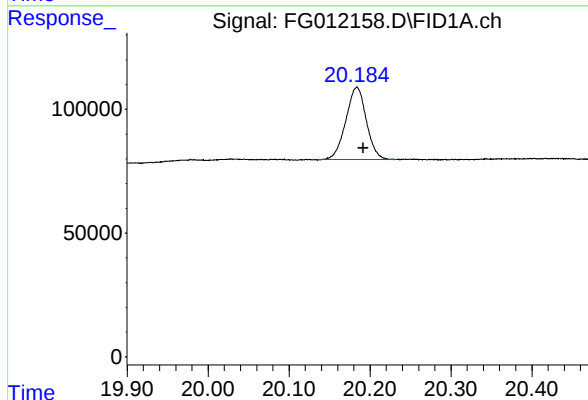
R.T.: 18.699 min
Delta R.T.: -0.009 min
Response: 588501
Conc: 4.80 ug/ml

Instrument :
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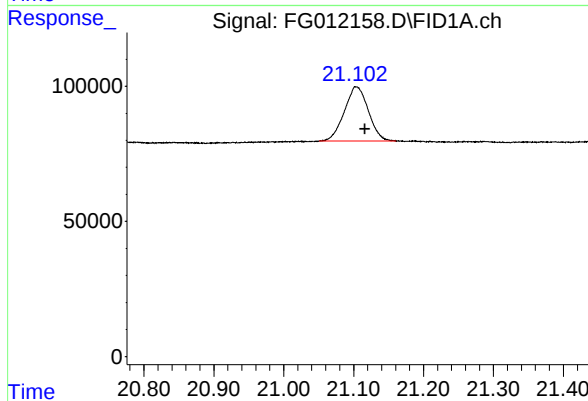
#20 n-Hexatriacontane (C36)

R.T.: 19.441 min
Delta R.T.: -0.008 min
Response: 542796
Conc: 4.67 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.184 min
Delta R.T.: -0.008 min
Response: 514318
Conc: 4.58 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.103 min
Delta R.T.: -0.013 min
Response: 476770
Conc: 4.43 ug/ml