

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG051024AL\
 Data File : FG013813.D
 Signal(s) : FID1A.ch
 Acq On : 10 May 2024 20:55
 Operator : YP\AJ
 Sample : P2403-07
 Misc :
 ALS Vial : 73 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 LOD-MDL-WATER-01-QT2-2024

Integration File: autoint1.e
 Quant Time: May 11 05:16:18 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 051024.M
 Quant Title : GC Extractables
 QLast Update : Fri May 10 16:04:15 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...	13.406	4186757	35.480 ug/ml
Spiked Amount 50.000		Recovery =	70.96%
Target Compounds			
1) T n-Nonane (C9)	3.326	217906	1.638 ug/ml
2) T n-Decane (C10)	4.578	277966	2.045 ug/ml
4) T n-Dodecane (C12)	6.748	447003	3.258 ug/ml
6) T n-Tetradecane (C14)	8.580	361384	2.640 ug/ml
7) T n-Hexadecane (C16)	10.194	354264	2.481 ug/ml
8) T n-Octadecane (C18)	11.642	380256	2.610 ug/ml
10) T n-Eicosane (C20)	12.956	399581	2.835 ug/ml
11) T n-Heneicosane (C21)	13.571	381634	2.748 ug/ml
13) T n-Docosane (C22)	14.158	408364	2.953 ug/ml
14) T n-Tetracosane (C24)	15.265	447176	3.241 ug/ml
15) T n-Hexacosane (C26)	16.290	447927	3.315 ug/ml
16) T n-Octacosane (C28)	17.242	472159	3.598 ug/ml
17) T n-Tricontane (C30)	18.132	495523	3.754 ug/ml
18) T n-Dotriacontane (C32)	18.968	495348	3.781 ug/ml
19) T n-Tetratriacontane (C34)	19.753	424894	3.484 ug/ml
20) T n-Hexatriacontane (C36)	20.495	387040	3.356 ug/ml
21) T n-Octatriacontane (C38)	21.249	411013	3.805 ug/ml
22) T n-Tetracontane (C40)	22.189	434655	4.179 ug/ml

(f)=RT Delta > 1/2 Window

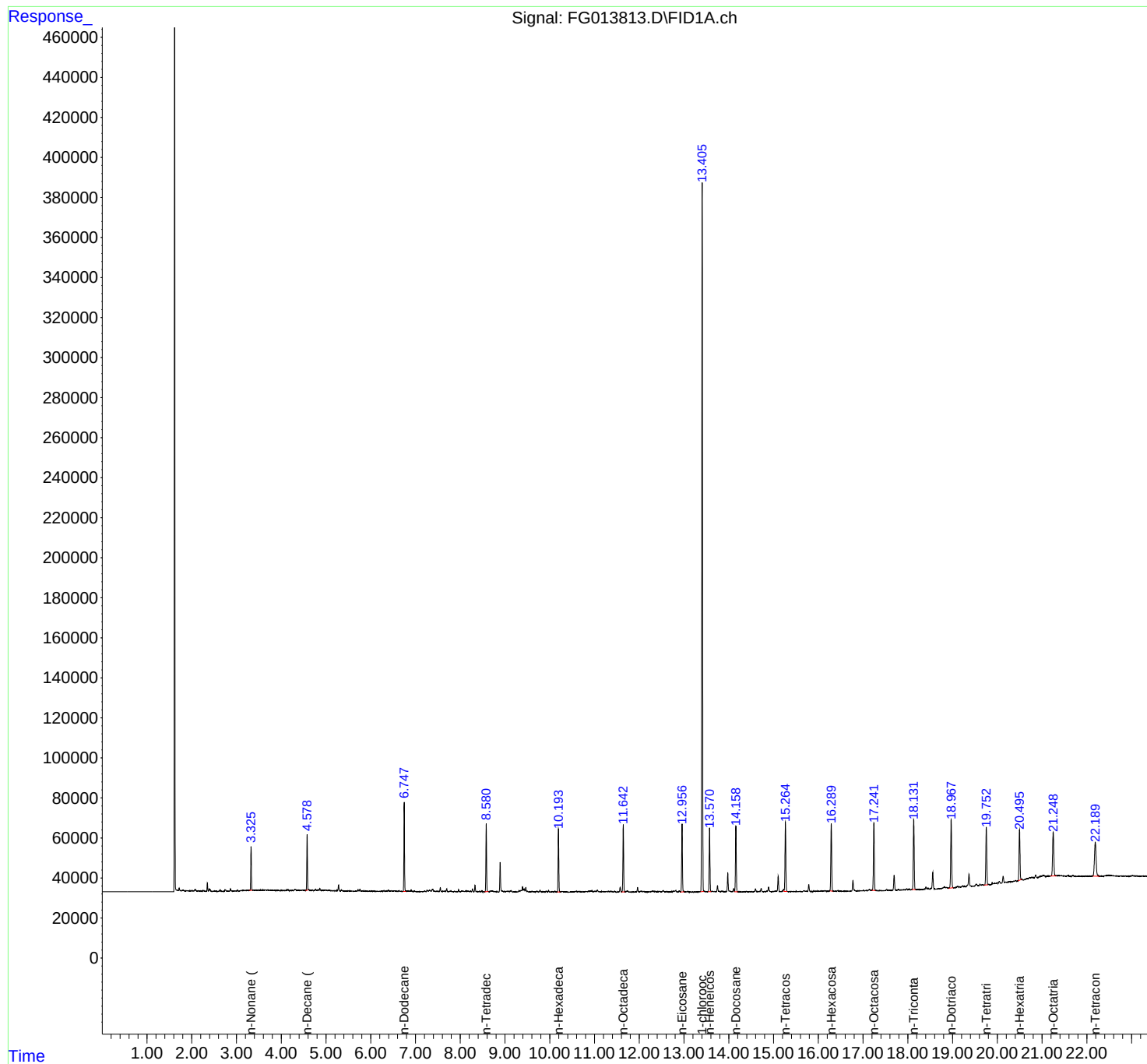
(m)=manual int.

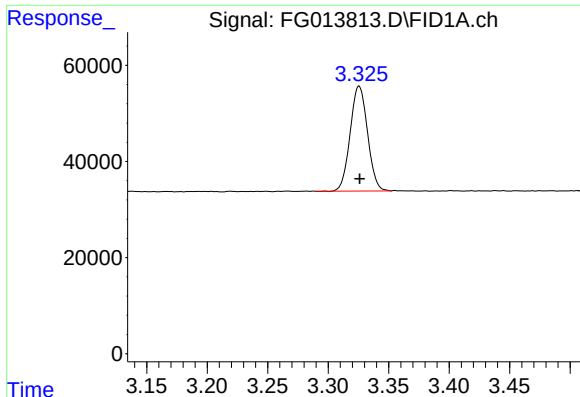
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#1 n-Nonane (C9)

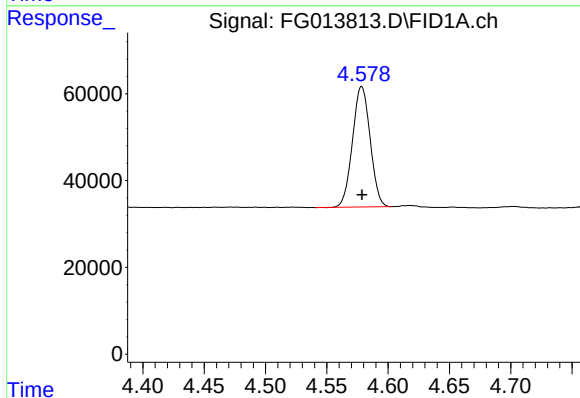
R.T.: 3.326 min
Delta R.T.: 0.000 min
Response: 217906
Conc: 1.64 ug/ml

Instrument :

FID_G

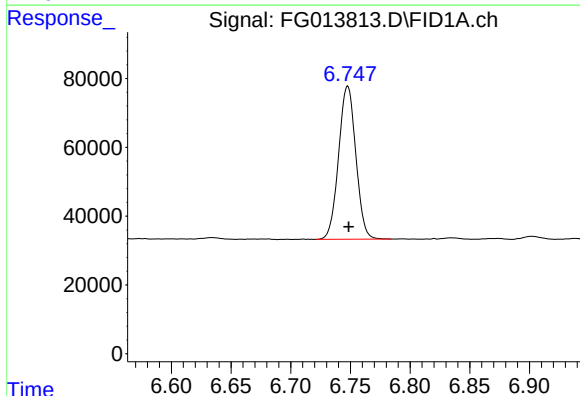
ClientSampleId :

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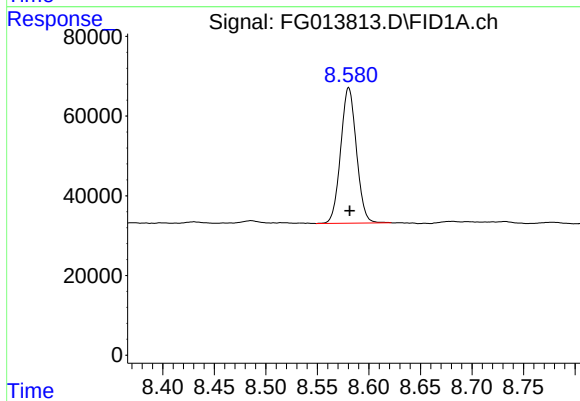
#2 n-Decane (C10)

R.T.: 4.578 min
Delta R.T.: 0.000 min
Response: 277966
Conc: 2.04 ug/ml



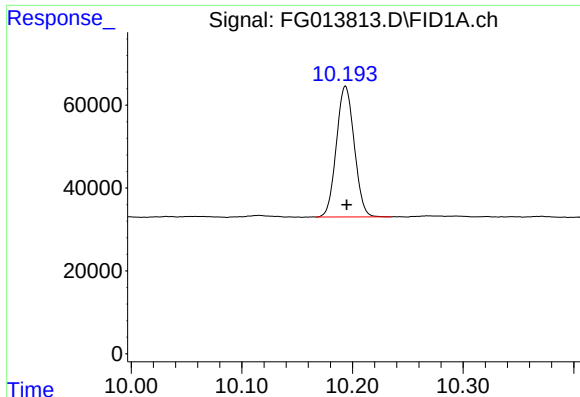
#4 n-Dodecane (C12)

R.T.: 6.748 min
Delta R.T.: 0.000 min
Response: 447003
Conc: 3.26 ug/ml



#6 n-Tetradecane (C14)

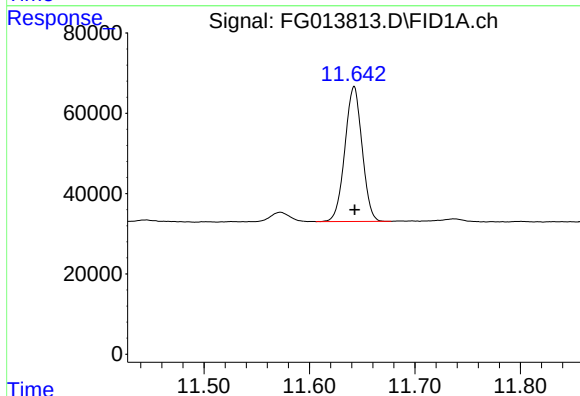
R.T.: 8.580 min
Delta R.T.: -0.001 min
Response: 361384
Conc: 2.64 ug/ml



#7 n-Hexadecane (C16)

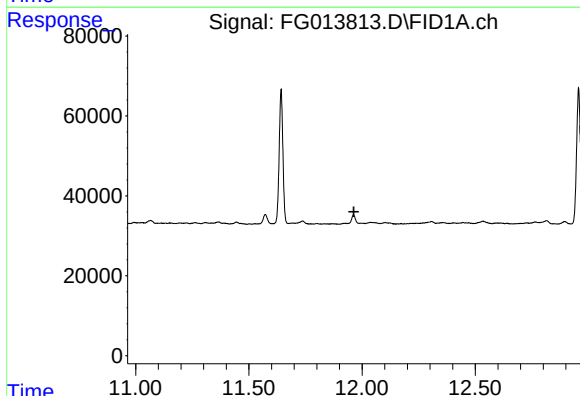
R.T.: 10.194 min
Delta R.T.: -0.001 min
Response: 354264
Conc: 2.48 ug/ml

Instrument :
FID_G
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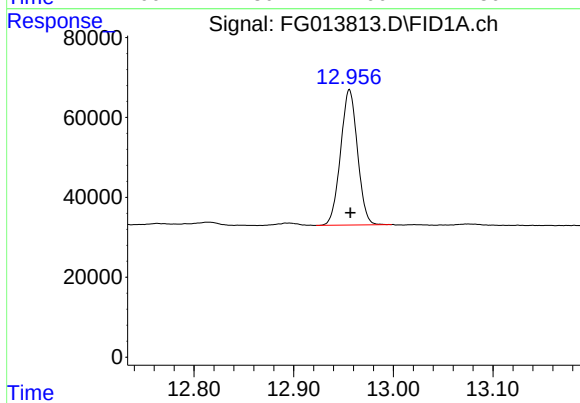
#8 n-Octadecane (C18)

R.T.: 11.642 min
Delta R.T.: 0.000 min
Response: 380256
Conc: 2.61 ug/ml



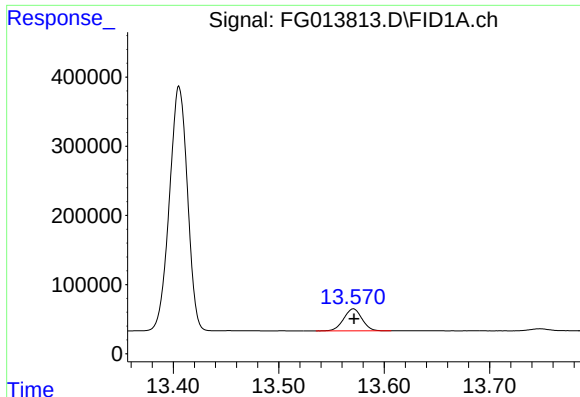
#9 ortho-Terphenyl (SURR)

R.T.: 0.000 min
Exp R.T. : 11.963 min
Response: 0
Conc: N.D.



#10 n-Eicosane (C20)

R.T.: 12.956 min
Delta R.T.: -0.001 min
Response: 399581
Conc: 2.83 ug/ml



#11 n-Heneicosane (C21)

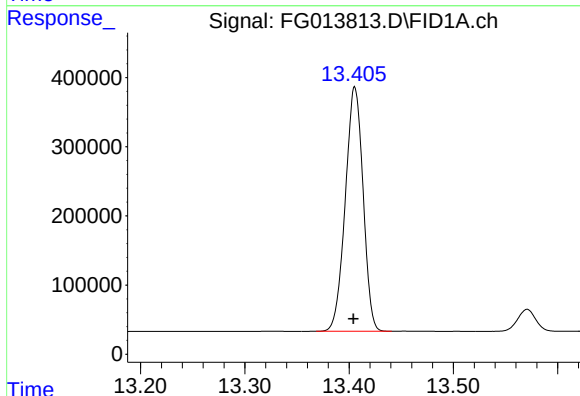
R.T.: 13.571 min
Delta R.T.: 0.000 min
Response: 381634
Conc: 2.75 ug/ml

Instrument :

FID_G

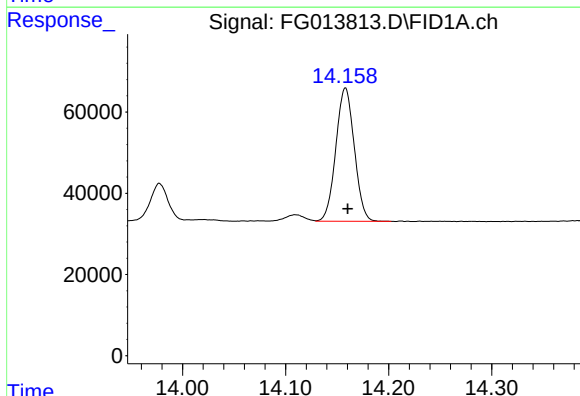
ClientSampleId :

LOD-MDL-WATER-01-QT2-2024



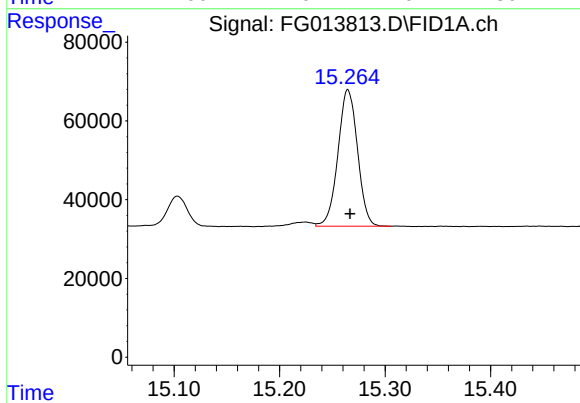
#12 1-chlorooctadecane (SURR)

R.T.: 13.406 min
Delta R.T.: 0.001 min
Response: 4186757
Conc: 35.48 ug/ml



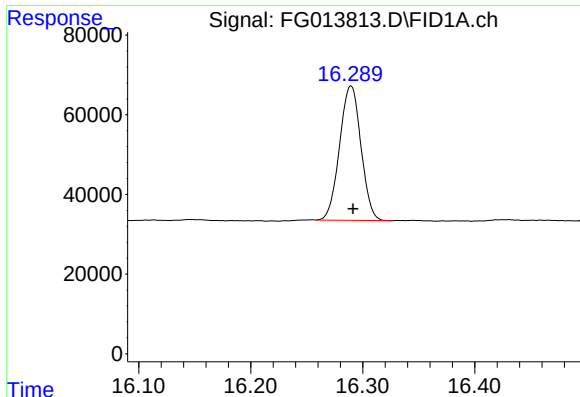
#13 n-Docosane (C22)

R.T.: 14.158 min
Delta R.T.: -0.002 min
Response: 408364
Conc: 2.95 ug/ml



#14 n-Tetracosane (C24)

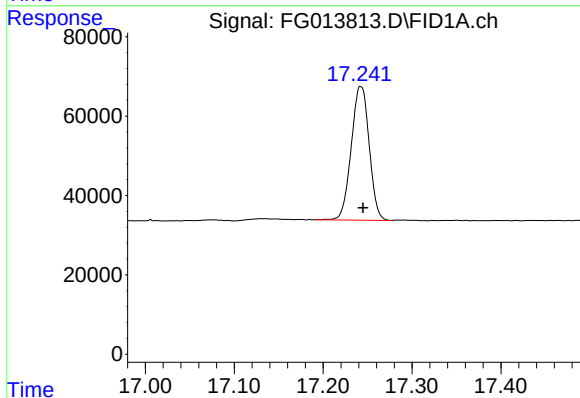
R.T.: 15.265 min
Delta R.T.: -0.002 min
Response: 447176
Conc: 3.24 ug/ml



#15 n-Hexacosane (C26)

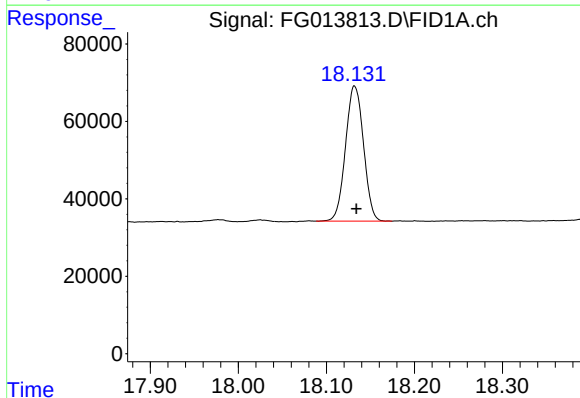
R.T.: 16.290 min
Delta R.T.: -0.002 min
Response: 447927
Conc: 3.31 ug/ml

Instrument :
FID_G
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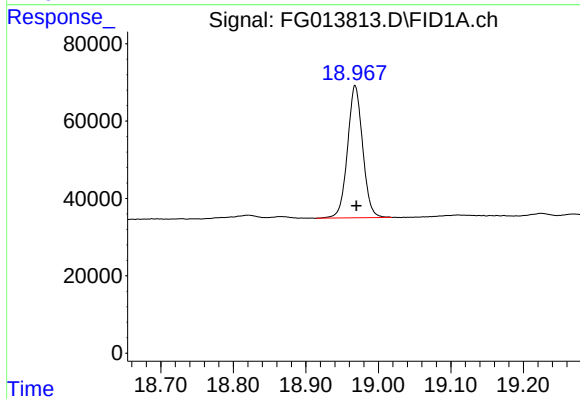
#16 n-Octacosane (C28)

R.T.: 17.242 min
Delta R.T.: -0.003 min
Response: 472159
Conc: 3.60 ug/ml



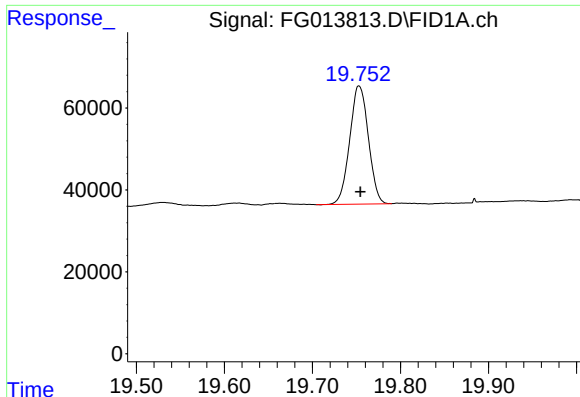
#17 n-Tricontane (C30)

R.T.: 18.132 min
Delta R.T.: -0.002 min
Response: 495523
Conc: 3.75 ug/ml



#18 n-Dotriacontane (C32)

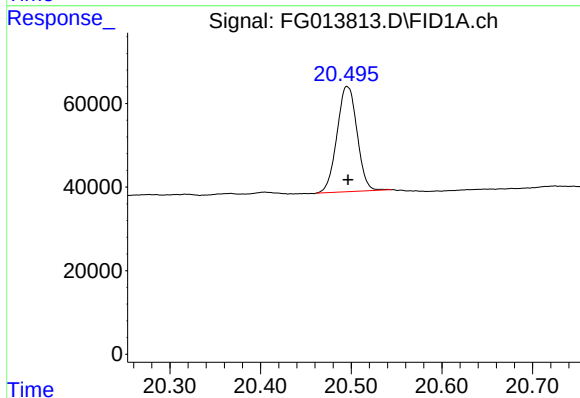
R.T.: 18.968 min
Delta R.T.: -0.002 min
Response: 495348
Conc: 3.78 ug/ml



#19 n-Tetratriacontane (C34)

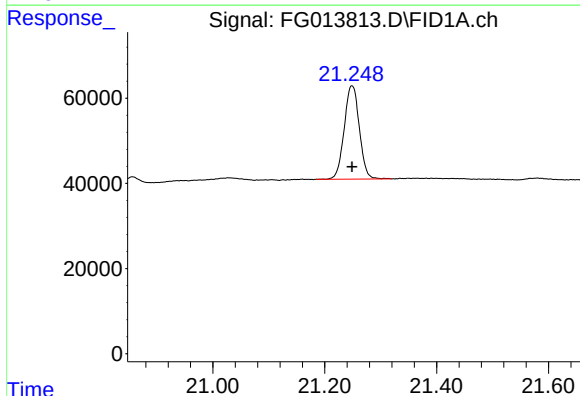
R.T.: 19.753 min
Delta R.T.: -0.002 min
Response: 424894
Conc: 3.48 ug/ml

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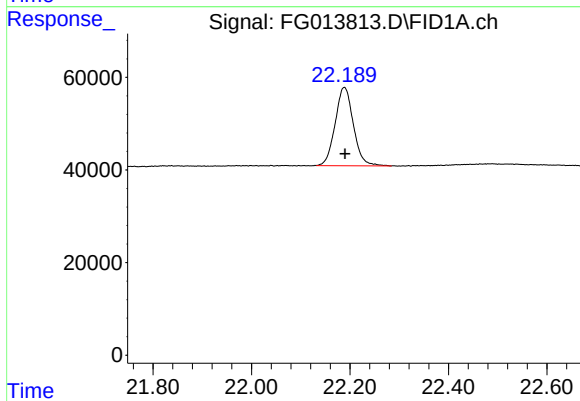
#20 n-Hexatriacontane (C36)

R.T.: 20.495 min
Delta R.T.: 0.000 min
Response: 387040
Conc: 3.36 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.249 min
Delta R.T.: 0.000 min
Response: 411013
Conc: 3.81 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.189 min
Delta R.T.: -0.001 min
Response: 434655
Conc: 4.18 ug/ml