

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG051024AL\
 Data File : FG013814.D
 Signal(s) : FID1A.ch
 Acq On : 10 May 2024 21:24
 Operator : YP\AJ
 Sample : P2403-07
 Misc :
 ALS Vial : 74 Sample Multiplier: 1

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

Integration File: autoint1.e
 Quant Time: May 11 05:16:31 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...	13.407	5399877	45.761 ug/ml
Spiked Amount 50.000		Recovery =	91.52%
Target Compounds			
1) T n-Nonane (C9)	3.326	303493	2.282 ug/ml
2) T n-Decane (C10)	4.578	380925	2.802 ug/ml
4) T n-Dodecane (C12)	6.748	532038	3.878 ug/ml
6) T n-Tetradecane (C14)	8.581	489819	3.579 ug/ml
7) T n-Hexadecane (C16)	10.194	488412	3.420 ug/ml
8) T n-Octadecane (C18)	11.642	541689	3.719 ug/ml
10) T n-Eicosane (C20)	12.957	543413	3.855 ug/ml
11) T n-Heneicosane (C21)	13.570	519070	3.737 ug/ml
13) T n-Docosane (C22)	14.159	547405	3.959 ug/ml
14) T n-Tetracosane (C24)	15.266	544399	3.946 ug/ml
15) T n-Hexacosane (C26)	16.290	538828	3.987 ug/ml
16) T n-Octacosane (C28)	17.243	514447	3.921 ug/ml
17) T n-Tricontane (C30)	18.132	519234	3.933 ug/ml
18) T n-Dotriacontane (C32)	18.968	532246	4.062 ug/ml
19) T n-Tetratriacontane (C34)	19.754	493049	4.043 ug/ml
20) T n-Hexatriacontane (C36)	20.494	440777	3.821 ug/ml
21) T n-Octatriacontane (C38)	21.249	404973	3.749 ug/ml
22) T n-Tetracontane (C40)	22.189	382583	3.678 ug/ml

(f)=RT Delta > 1/2 Window

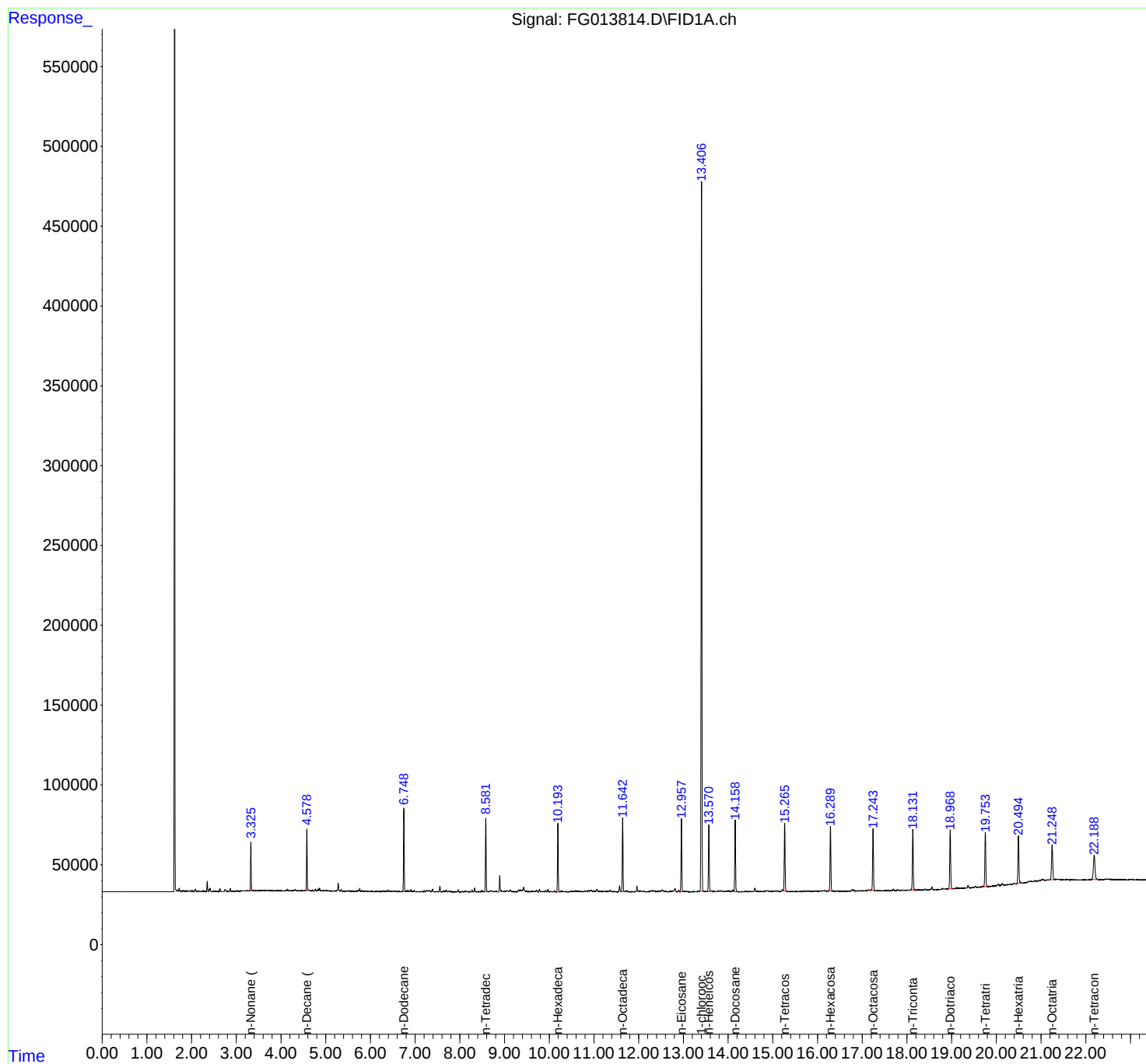
(m)=manual int.

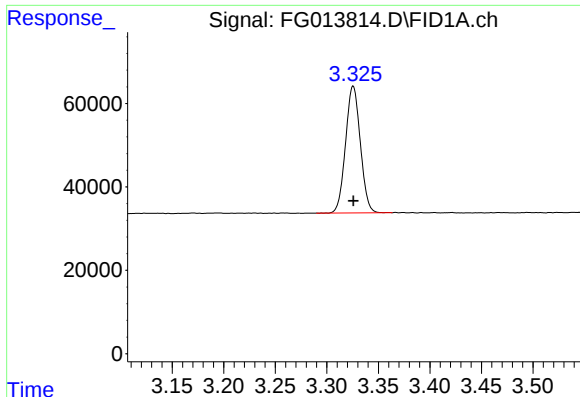
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#1 n-Nonane (C9)

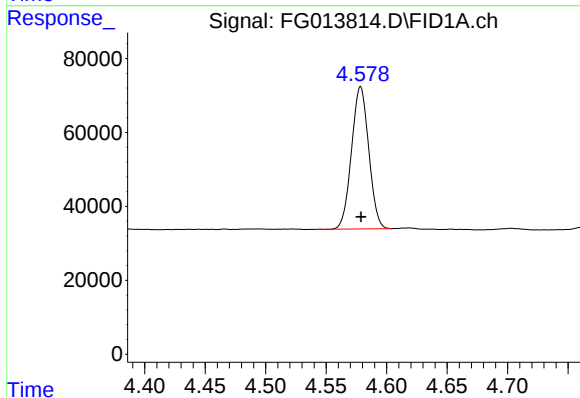
R.T.: 3.326 min
Delta R.T.: 0.000 min
Response: 303493
Conc: 2.28 ug/ml

Instrument :

FID_G

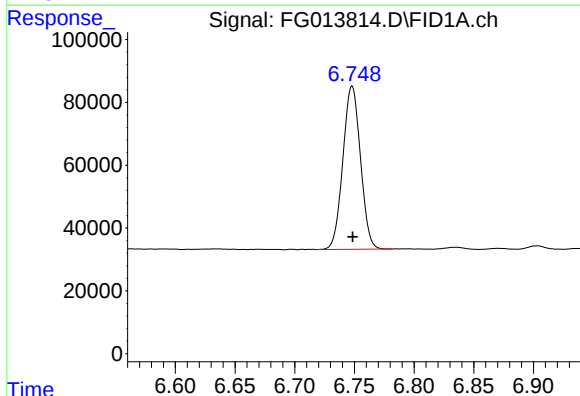
ClientSampleId :

LOD-MDL-WATER-01-QT2-2024



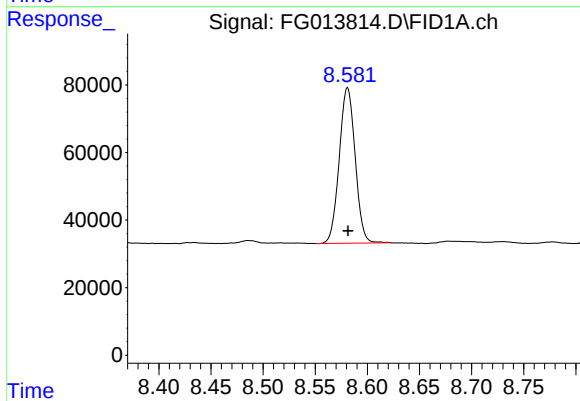
#2 n-Decane (C10)

R.T.: 4.578 min
Delta R.T.: 0.000 min
Response: 380925
Conc: 2.80 ug/ml



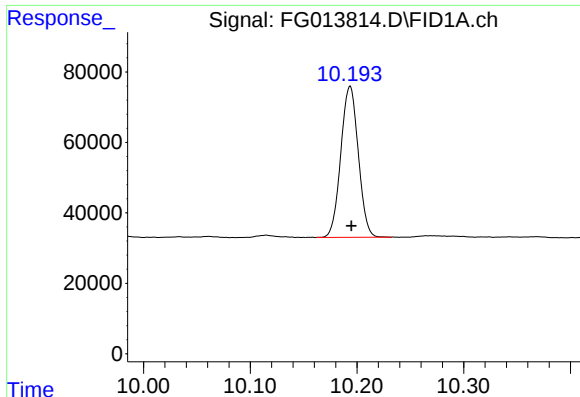
#4 n-Dodecane (C12)

R.T.: 6.748 min
Delta R.T.: 0.000 min
Response: 532038
Conc: 3.88 ug/ml



#6 n-Tetradecane (C14)

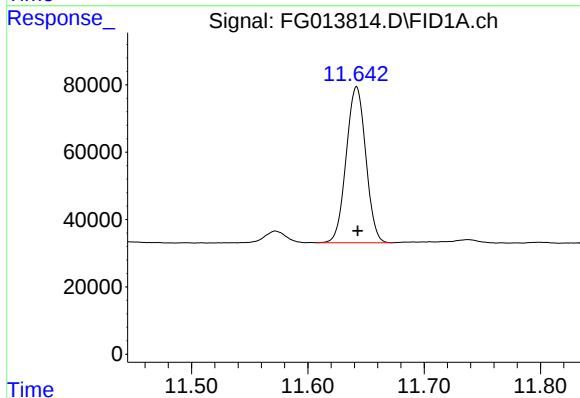
R.T.: 8.581 min
Delta R.T.: 0.000 min
Response: 489819
Conc: 3.58 ug/ml



#7 n-Hexadecane (C16)

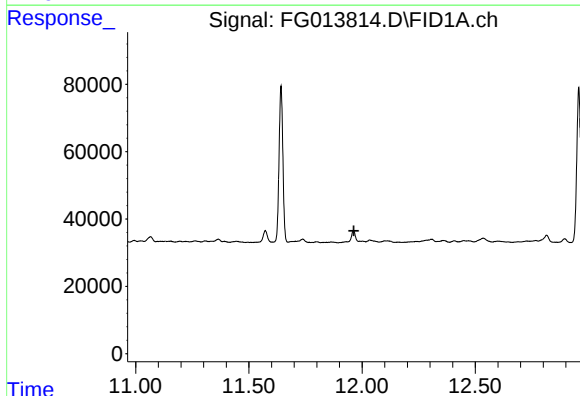
R.T.: 10.194 min
Delta R.T.: -0.001 min
Response: 488412
Conc: 3.42 ug/ml

Instrument :
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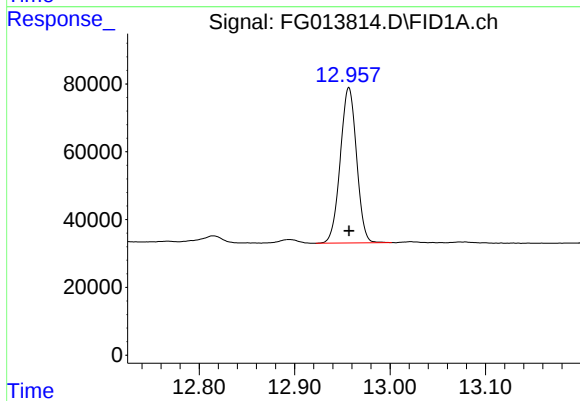
#8 n-Octadecane (C18)

R.T.: 11.642 min
Delta R.T.: -0.001 min
Response: 541689
Conc: 3.72 ug/ml



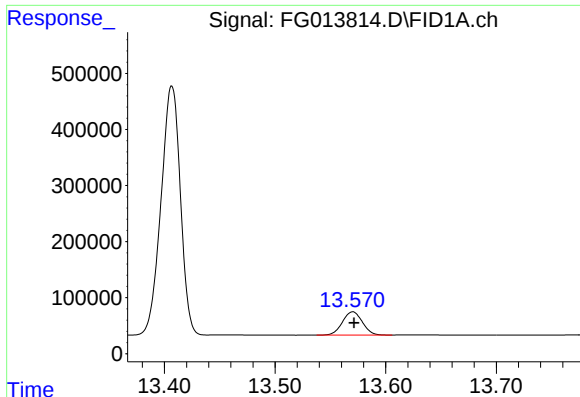
#9 ortho-Terphenyl (SURR)

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



#10 n-Eicosane (C20)

R.T.: 12.957 min
Delta R.T.: 0.000 min
Response: 543413
Conc: 3.86 ug/ml



#11 n-Heneicosane (C21)

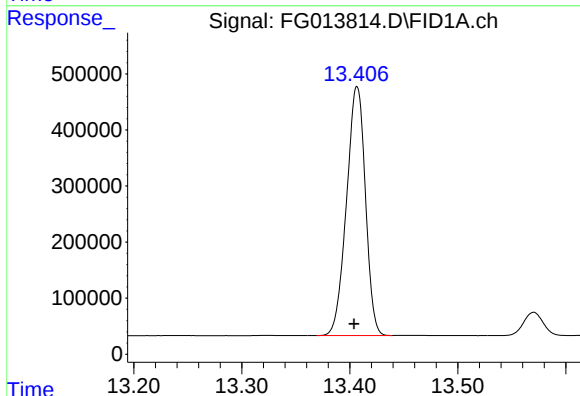
R.T.: 13.570 min
Delta R.T.: -0.001 min
Response: 519070
Conc: 3.74 ug/ml

Instrument :

FID_G

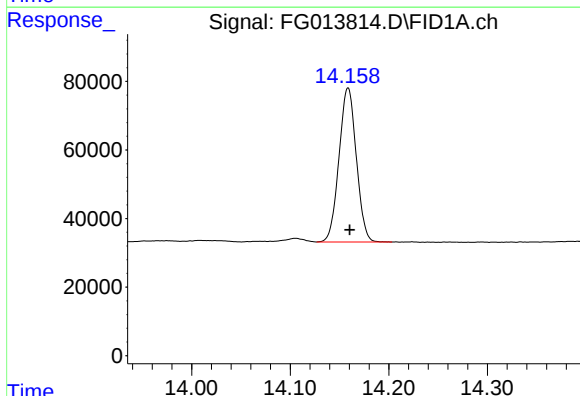
ClientSampleId :

LOD-MDL-WATER-01-QT2-2024



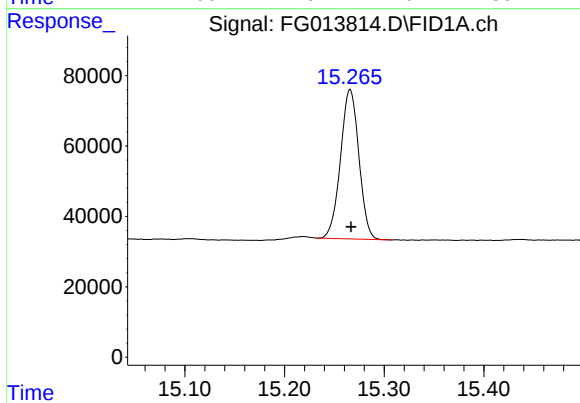
#12 1-chlorooctadecane (SURR)

R.T.: 13.407 min
Delta R.T.: 0.003 min
Response: 5399877
Conc: 45.76 ug/ml



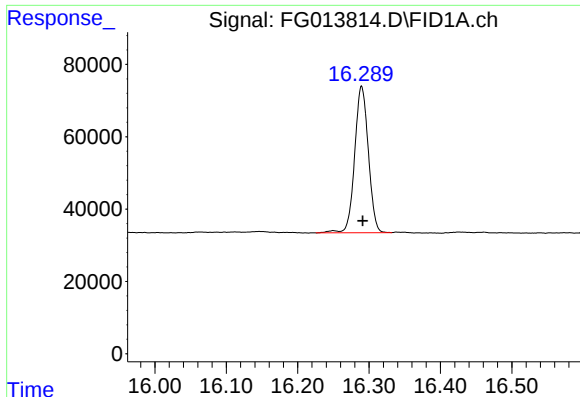
#13 n-Docosane (C22)

R.T.: 14.159 min
Delta R.T.: -0.002 min
Response: 547405
Conc: 3.96 ug/ml



#14 n-Tetracosane (C24)

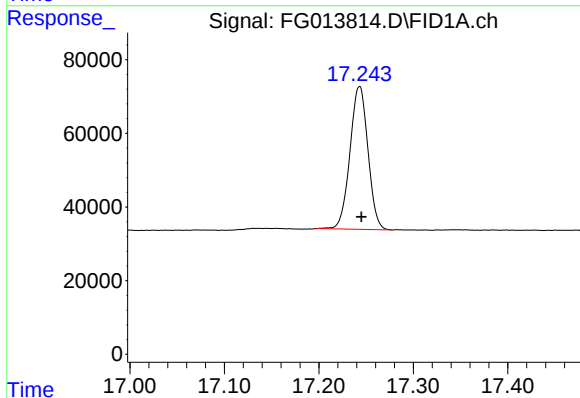
R.T.: 15.266 min
Delta R.T.: 0.000 min
Response: 544399
Conc: 3.95 ug/ml



#15 n-Hexacosane (C26)

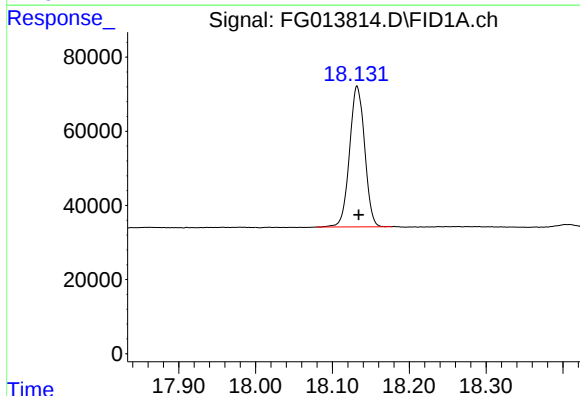
R.T.: 16.290 min
Delta R.T.: -0.002 min
Response: 538828
Conc: 3.99 ug/ml

Instrument :
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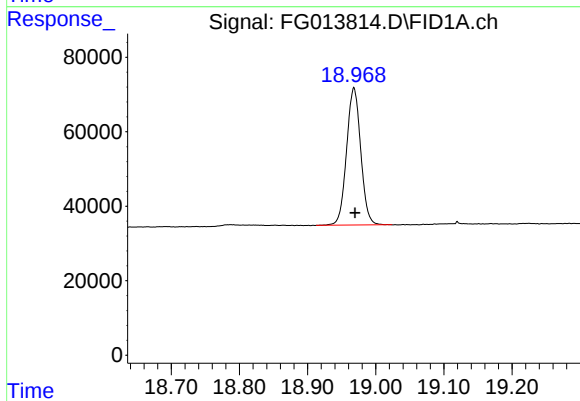
#16 n-Octacosane (C28)

R.T.: 17.243 min
Delta R.T.: -0.002 min
Response: 514447
Conc: 3.92 ug/ml



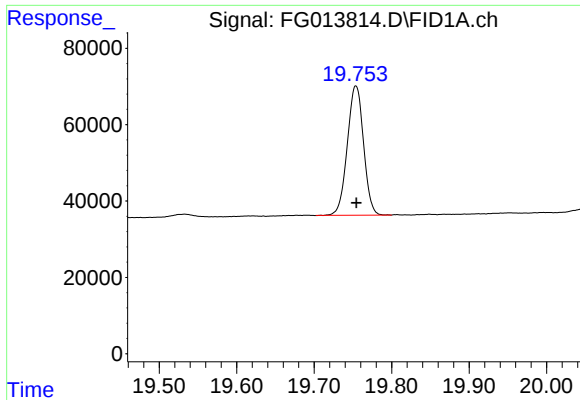
#17 n-Tricontane (C30)

R.T.: 18.132 min
Delta R.T.: -0.002 min
Response: 519234
Conc: 3.93 ug/ml



#18 n-Dotriacontane (C32)

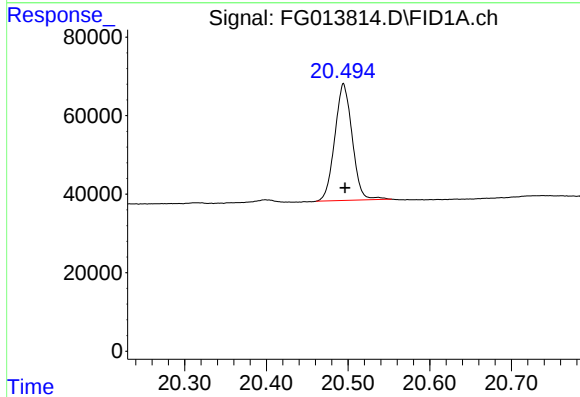
R.T.: 18.968 min
Delta R.T.: -0.002 min
Response: 532246
Conc: 4.06 ug/ml



#19 n-Tetratriacontane (C34)

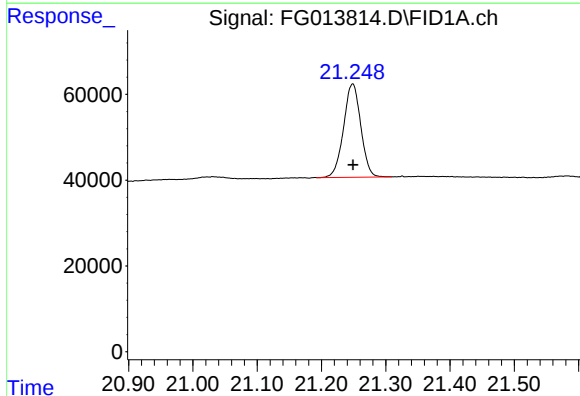
R.T.: 19.754 min
Delta R.T.: 0.000 min
Response: 493049
Conc: 4.04 ug/ml

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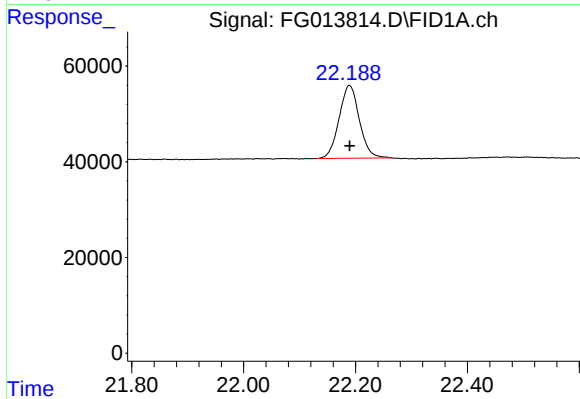
#20 n-Hexatriacontane (C36)

R.T.: 20.494 min
Delta R.T.: -0.002 min
Response: 440777
Conc: 3.82 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.249 min
Delta R.T.: 0.000 min
Response: 404973
Conc: 3.75 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.189 min
Delta R.T.: -0.001 min
Response: 382583
Conc: 3.68 ug/ml