

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG051024AL\
 Data File : FG013815.D
 Signal(s) : FID1A.ch
 Acq On : 10 May 2024 21:53
 Operator : YP\AJ
 Sample : P2403-08
 Misc :
 ALS Vial : 75 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 LOQ-WATER-02-QT2-2024

Integration File: autoint1.e
 Quant Time: May 11 05:16:44 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	4546272	38.527 ug/ml
Spiked Amount 50.000		Recovery =	77.05%
Target Compounds			
1) T n-Nonane (C9)	3.325	445460	3.349 ug/ml
2) T n-Decane (C10)	4.578	562750	4.140 ug/ml
4) T n-Dodecane (C12)	6.748	641179	4.673 ug/ml
6) T n-Tetradecane (C14)	8.581	639421	4.672 ug/ml
7) T n-Hexadecane (C16)	10.194	669859	4.690 ug/ml
8) T n-Octadecane (C18)	11.641	729202	5.006 ug/ml
10) T n-Eicosane (C20)	12.956	769968	5.462 ug/ml
11) T n-Heneicosane (C21)	13.570	746189	5.372 ug/ml
13) T n-Docosane (C22)	14.158	758293	5.484 ug/ml
14) T n-Tetracosane (C24)	15.266	784351	5.685 ug/ml
15) T n-Hexacosane (C26)	16.289	750316	5.552 ug/ml
16) T n-Octacosane (C28)	17.242	773152	5.892 ug/ml
17) T n-Tricontane (C30)	18.132	840638	6.368 ug/ml
18) T n-Dotriacontane (C32)	18.968	898734	6.859 ug/ml
19) T n-Tetratriacontane (C34)	19.755	789463	6.473 ug/ml
20) T n-Hexatriacontane (C36)	20.495	672085	5.827 ug/ml
21) T n-Octatriacontane (C38)	21.247	639000	5.916 ug/ml
22) T n-Tetracontane (C40)	22.187	614607	5.909 ug/ml

(f)=RT Delta > 1/2 Window

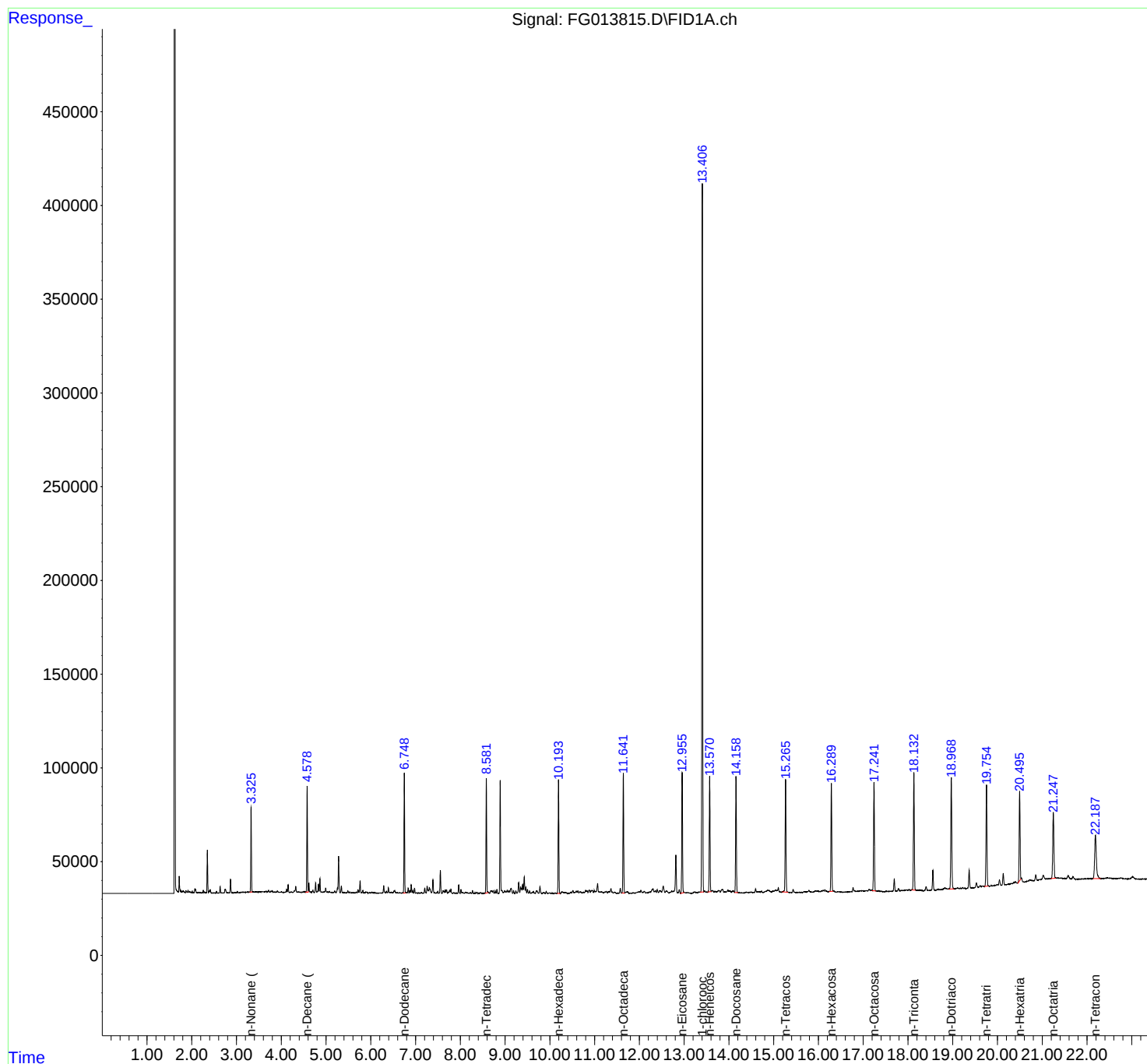
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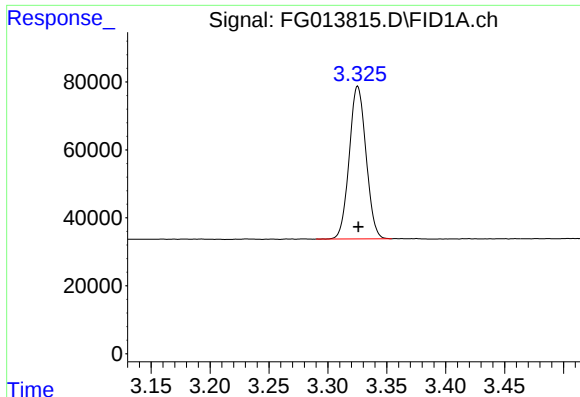
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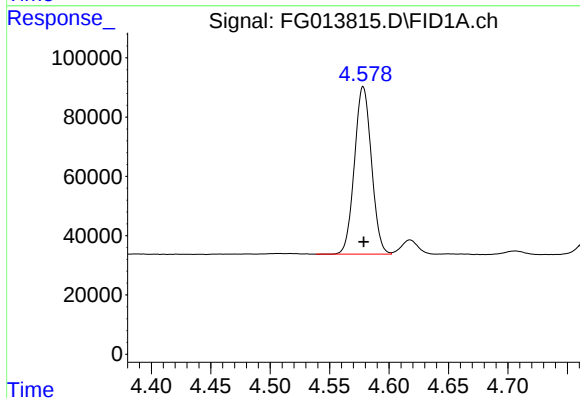




#1 n-Nonane (C9)

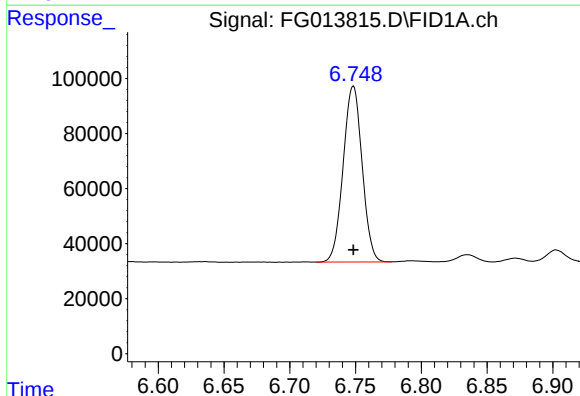
R.T.: 3.325 min
Delta R.T.: 0.000 min
Response: 445460
Conc: 3.35 ug/ml

Instrument :
FID_G
ClientSampleId :
LOQ-WATER-02-QT2-2024



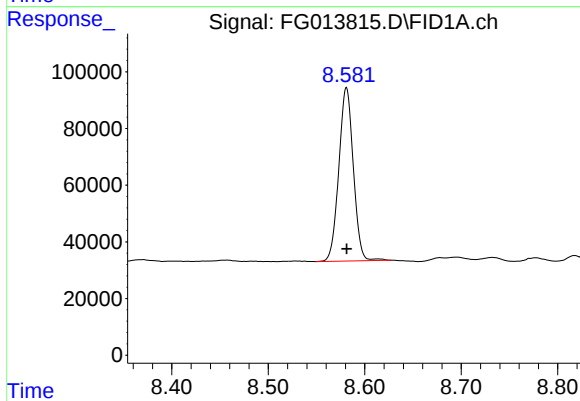
#2 n-Decane (C10)

R.T.: 4.578 min
Delta R.T.: 0.000 min
Response: 562750
Conc: 4.14 ug/ml



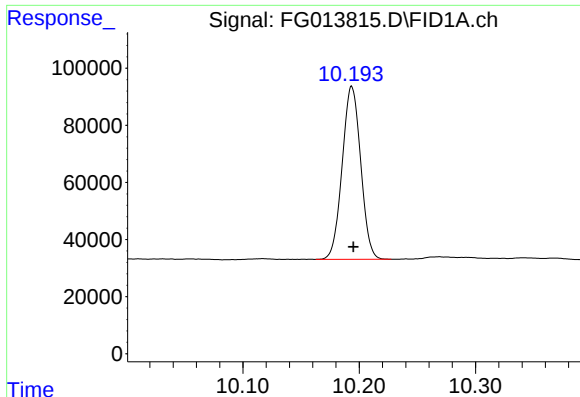
#4 n-Dodecane (C12)

R.T.: 6.748 min
Delta R.T.: 0.000 min
Response: 641179
Conc: 4.67 ug/ml



#6 n-Tetradecane (C14)

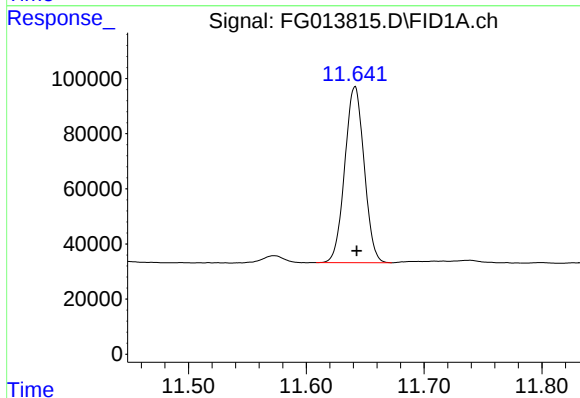
R.T.: 8.581 min
Delta R.T.: 0.000 min
Response: 639421
Conc: 4.67 ug/ml



#7 n-Hexadecane (C16)

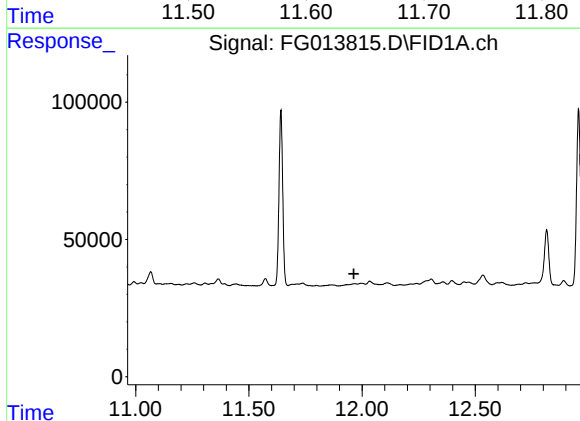
R.T.: 10.194 min
Delta R.T.: -0.001 min
Response: 669859
Conc: 4.69 ug/ml

Instrument :
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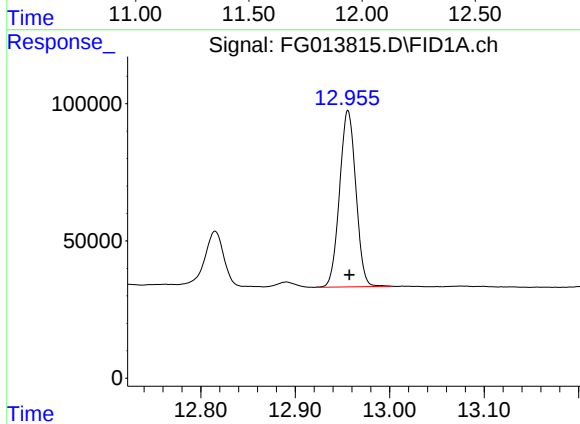
#8 n-Octadecane (C18)

R.T.: 11.641 min
Delta R.T.: -0.002 min
Response: 729202
Conc: 5.01 ug/ml



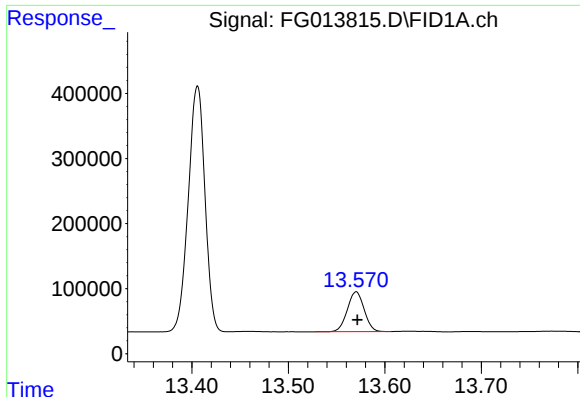
#9 ortho-Terphenyl (SURR)

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



#10 n-Eicosane (C20)

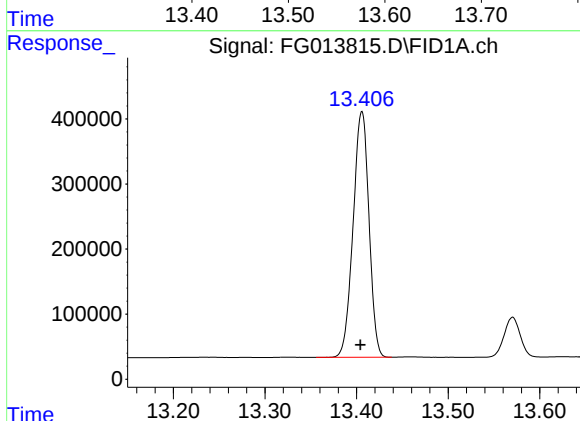
R.T.: 12.956 min
Delta R.T.: -0.001 min
Response: 769968
Conc: 5.46 ug/ml



#11 n-Heneicosane (C21)

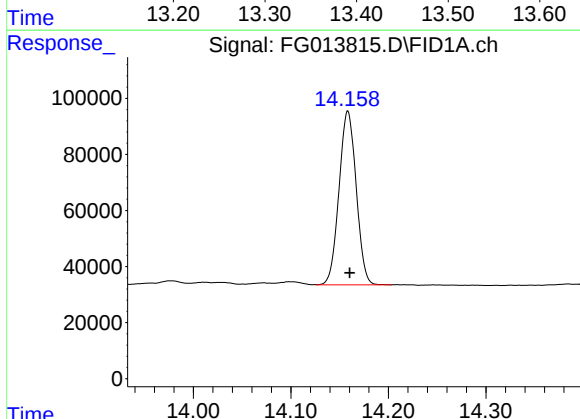
R.T.: 13.570 min
Delta R.T.: -0.001 min
Response: 746189
Conc: 5.37 ug/ml

Instrument :
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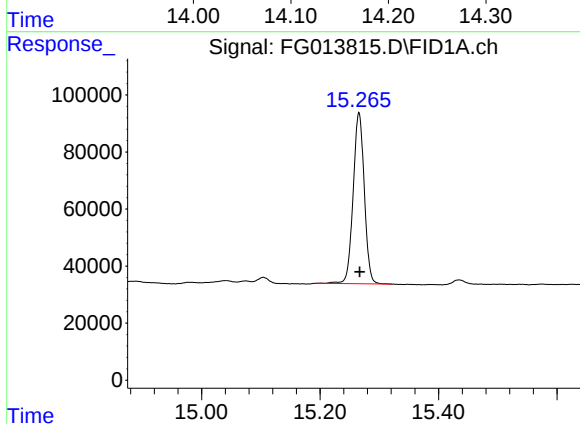
#12 1-chlorooctadecane (SURR)

R.T.: 13.406 min
Delta R.T.: 0.002 min
Response: 4546272
Conc: 38.53 ug/ml



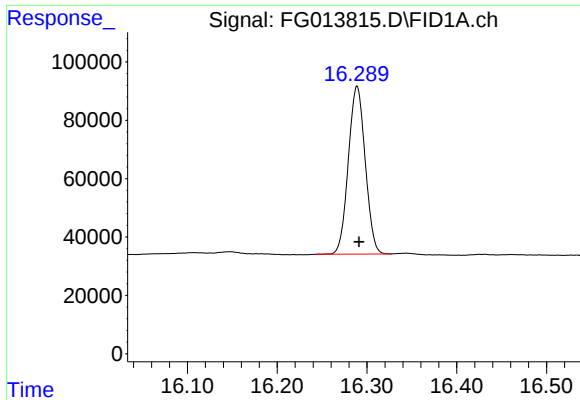
#13 n-Docosane (C22)

R.T.: 14.158 min
Delta R.T.: -0.002 min
Response: 758293
Conc: 5.48 ug/ml



#14 n-Tetracosane (C24)

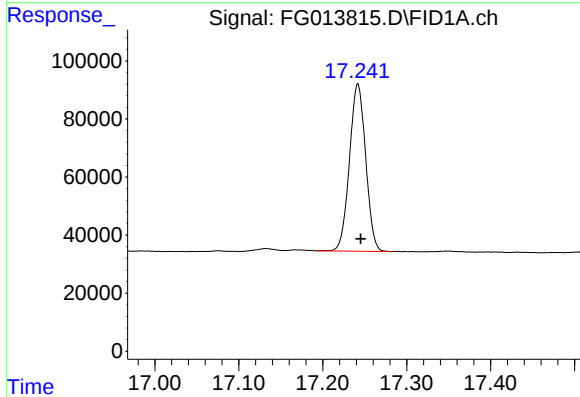
R.T.: 15.266 min
Delta R.T.: -0.001 min
Response: 784351
Conc: 5.68 ug/ml



#15 n-Hexacosane (C26)

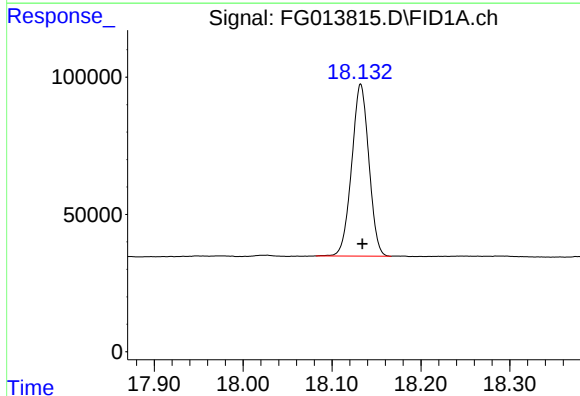
R.T.: 16.289 min
Delta R.T.: -0.002 min
Response: 750316
Conc: 5.55 ug/ml

Instrument :
FID_G
ClientSampleId :
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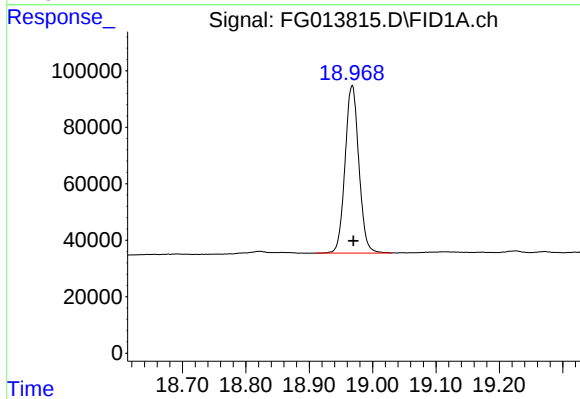
#16 n-Octacosane (C28)

R.T.: 17.242 min
Delta R.T.: -0.003 min
Response: 773152
Conc: 5.89 ug/ml



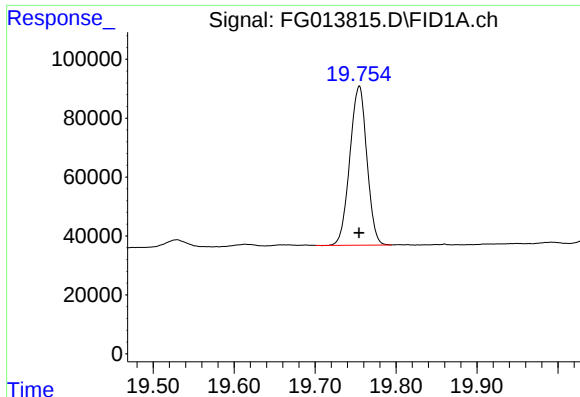
#17 n-Tricontane (C30)

R.T.: 18.132 min
Delta R.T.: -0.002 min
Response: 840638
Conc: 6.37 ug/ml



#18 n-Dotriacontane (C32)

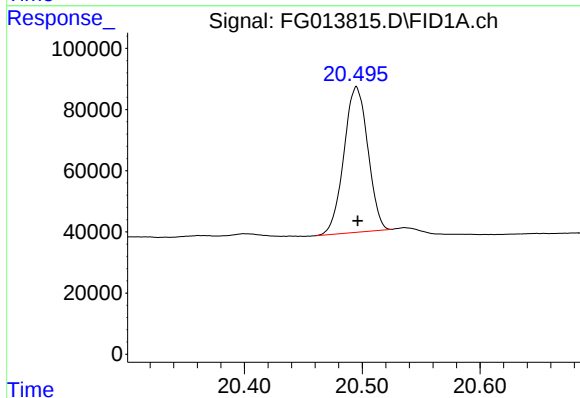
R.T.: 18.968 min
Delta R.T.: -0.002 min
Response: 898734
Conc: 6.86 ug/ml



#19 n-Tetratriacontane (C34)

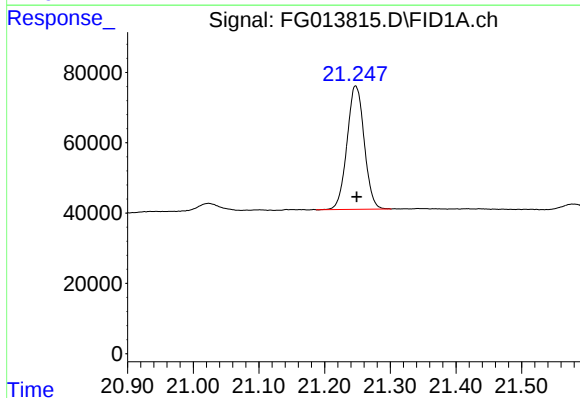
R.T.: 19.755 min
Delta R.T.: 0.000 min
Response: 789463
Conc: 6.47 ug/ml

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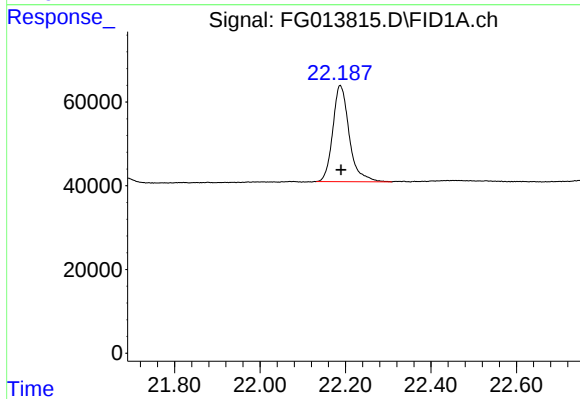
#20 n-Hexatriacontane (C36)

R.T.: 20.495 min
Delta R.T.: -0.001 min
Response: 672085
Conc: 5.83 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.247 min
Delta R.T.: -0.002 min
Response: 639000
Conc: 5.92 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.187 min
Delta R.T.: -0.003 min
Response: 614607
Conc: 5.91 ug/ml