

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG051024AL\
 Data File : FG013812.D
 Signal(s) : FID1A.ch
 Acq On : 10 May 2024 20:25
 Operator : YP\AJ
 Sample : P2403-02
 Misc :
 ALS Vial : 75 Sample Multiplier: 1

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

Integration File: autoint1.e
 Quant Time: May 11 05:16:04 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	4600240	38.985 ug/ml
Spiked Amount 50.000		Recovery =	77.97%
Target Compounds			
1) T n-Nonane (C9)	3.326	447108	3.361 ug/ml
2) T n-Decane (C10)	4.579	563919	4.148 ug/ml
4) T n-Dodecane (C12)	6.748	641283	4.674 ug/ml
6) T n-Tetradecane (C14)	8.582	637891	4.661 ug/ml
7) T n-Hexadecane (C16)	10.194	673923	4.719 ug/ml
8) T n-Octadecane (C18)	11.643	736257	5.054 ug/ml
10) T n-Eicosane (C20)	12.957	777376	5.515 ug/ml
11) T n-Heneicosane (C21)	13.571	753246	5.423 ug/ml
13) T n-Docosane (C22)	14.160	766094	5.541 ug/ml
14) T n-Tetracosane (C24)	15.266	780008	5.653 ug/ml
15) T n-Hexacosane (C26)	16.290	756647	5.599 ug/ml
16) T n-Octacosane (C28)	17.244	780594	5.949 ug/ml
17) T n-Tricontane (C30)	18.134	847400	6.419 ug/ml
18) T n-Dotriacontane (C32)	18.969	875039	6.678 ug/ml
19) T n-Tetratriacontane (C34)	19.755	798699	6.549 ug/ml
20) T n-Hexatriacontane (C36)	20.496	707774	6.136 ug/ml
21) T n-Octatriacontane (C38)	21.250	639775	5.923 ug/ml
22) T n-Tetracontane (C40)	22.191	577711	5.554 ug/ml

(f)=RT Delta > 1/2 Window

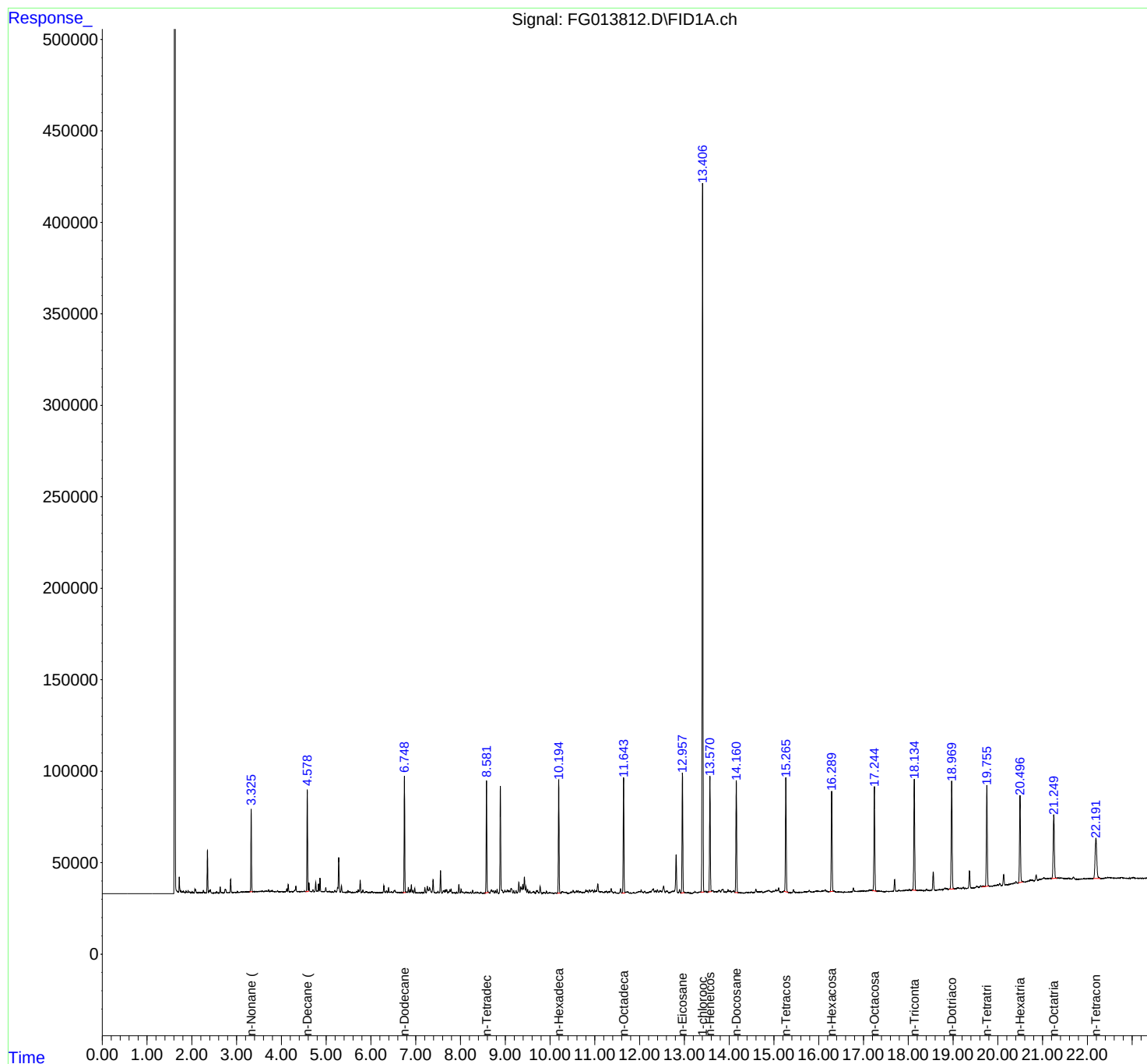
(m)=manual int.

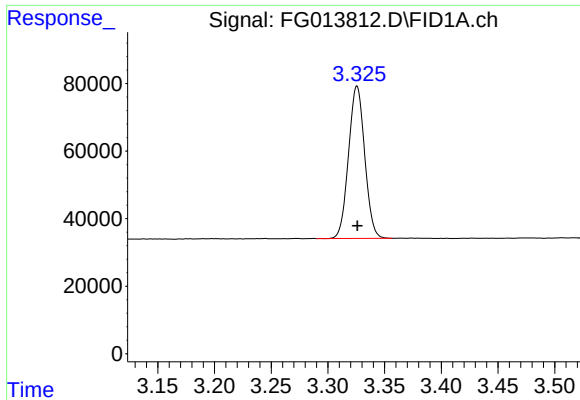
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG051024AL\
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Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um

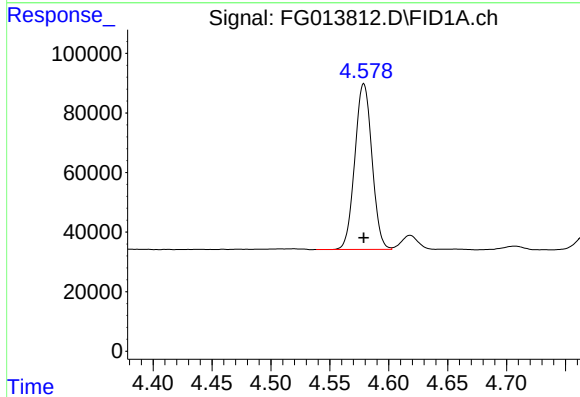




#1 n-Nonane (C9)

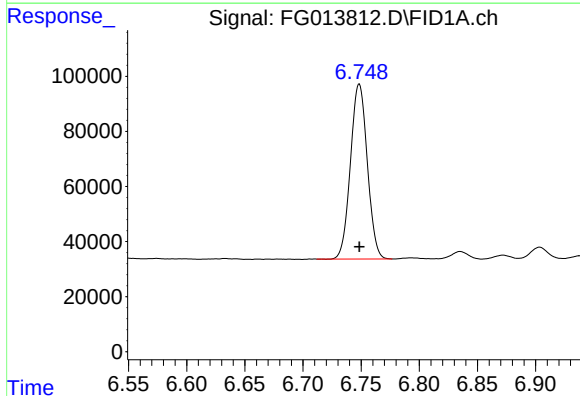
R.T.: 3.326 min
Delta R.T.: 0.000 min
Response: 447108
Conc: 3.36 ug/ml

Instrument :
FID_G
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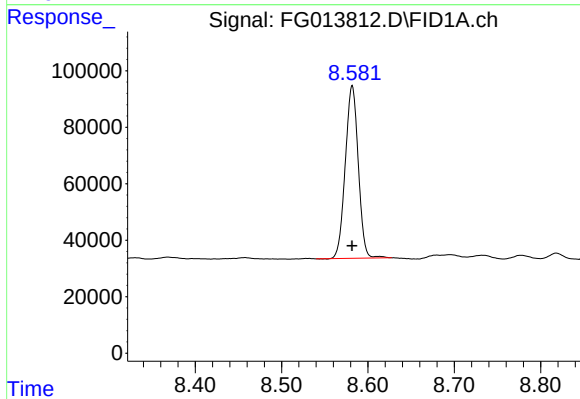
#2 n-Decane (C10)

R.T.: 4.579 min
Delta R.T.: 0.000 min
Response: 563919
Conc: 4.15 ug/ml



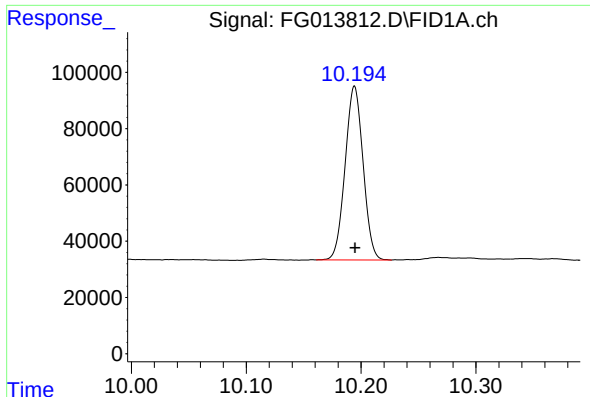
#4 n-Dodecane (C12)

R.T.: 6.748 min
Delta R.T.: 0.000 min
Response: 641283
Conc: 4.67 ug/ml



#6 n-Tetradecane (C14)

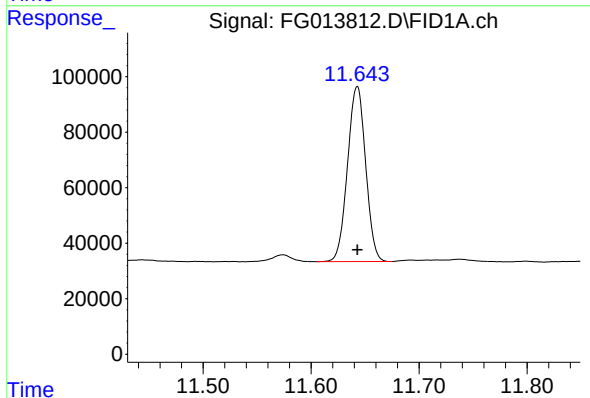
R.T.: 8.582 min
Delta R.T.: 0.000 min
Response: 637891
Conc: 4.66 ug/ml



#7 n-Hexadecane (C16)

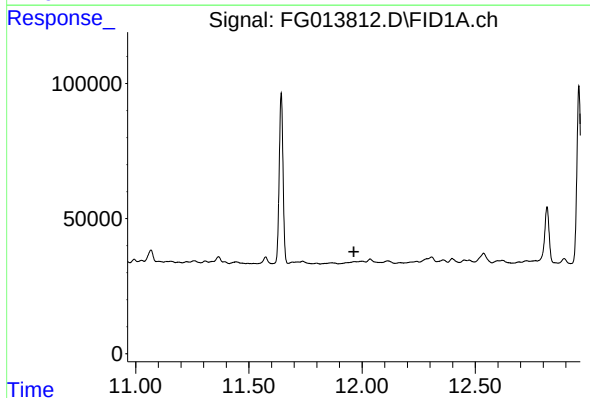
R.T.: 10.194 min
Delta R.T.: 0.000 min
Response: 673923
Conc: 4.72 ug/ml

Instrument :
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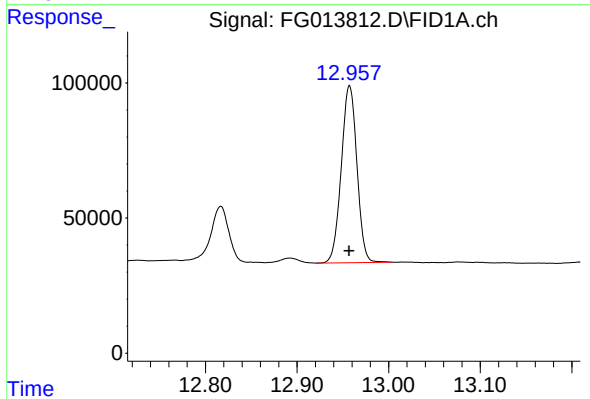
#8 n-Octadecane (C18)

R.T.: 11.643 min
Delta R.T.: 0.000 min
Response: 736257
Conc: 5.05 ug/ml



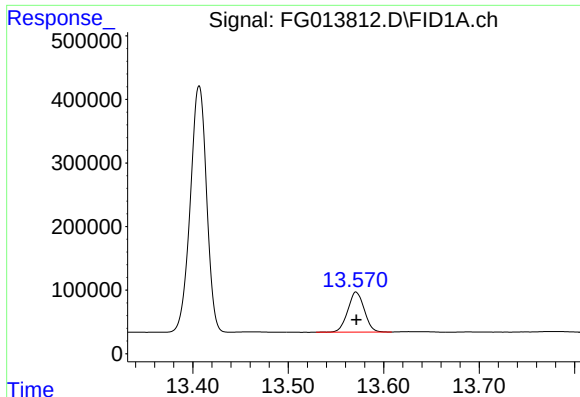
#9 ortho-Terphenyl (SURRE)

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



#10 n-Eicosane (C20)

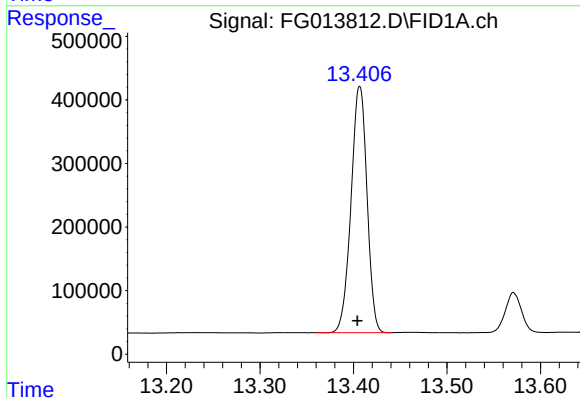
R.T.: 12.957 min
Delta R.T.: 0.000 min
Response: 777376
Conc: 5.51 ug/ml



#11 n-Heneicosane (C21)

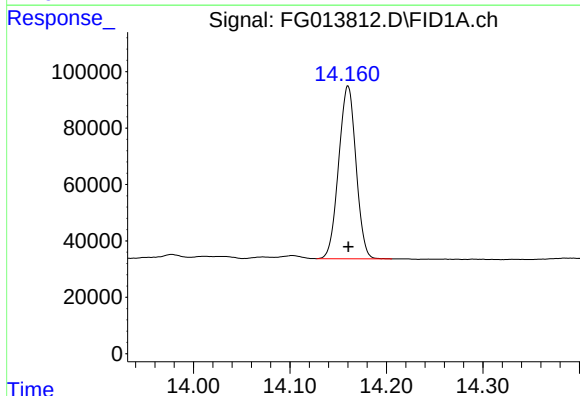
R.T.: 13.571 min
Delta R.T.: 0.000 min
Response: 753246
Conc: 5.42 ug/ml

Instrument :
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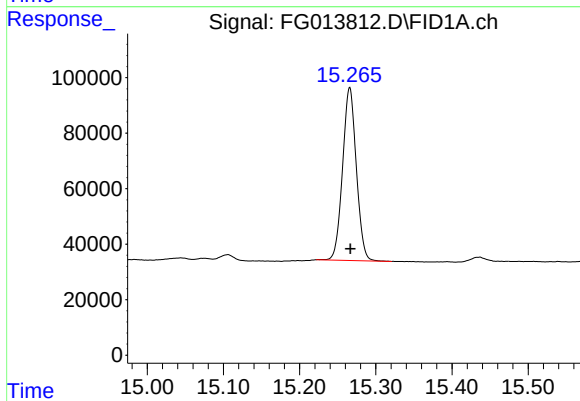
#12 1-chlorooctadecane (SURR)

R.T.: 13.407 min
Delta R.T.: 0.003 min
Response: 4600240
Conc: 38.98 ug/ml



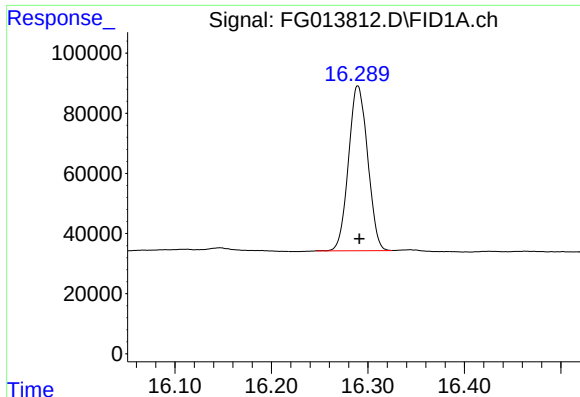
#13 n-Docosane (C22)

R.T.: 14.160 min
Delta R.T.: 0.000 min
Response: 766094
Conc: 5.54 ug/ml



#14 n-Tetracosane (C24)

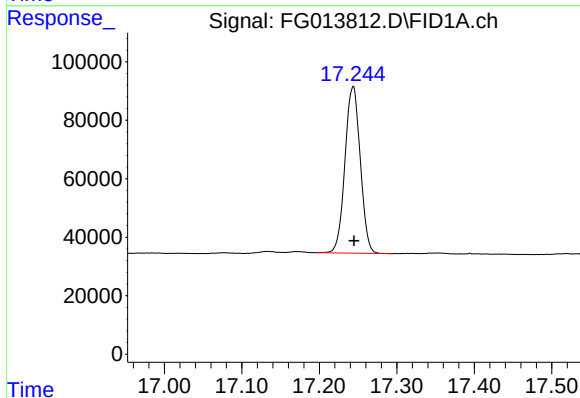
R.T.: 15.266 min
Delta R.T.: -0.001 min
Response: 780008
Conc: 5.65 ug/ml



#15 n-Hexacosane (C26)

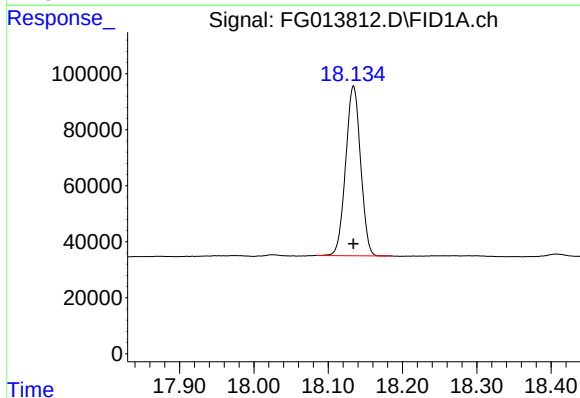
R.T.: 16.290 min
Delta R.T.: -0.002 min
Response: 756647
Conc: 5.60 ug/ml

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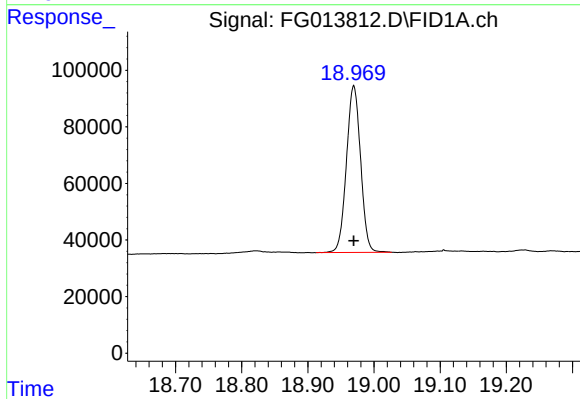
#16 n-Octacosane (C28)

R.T.: 17.244 min
Delta R.T.: -0.001 min
Response: 780594
Conc: 5.95 ug/ml



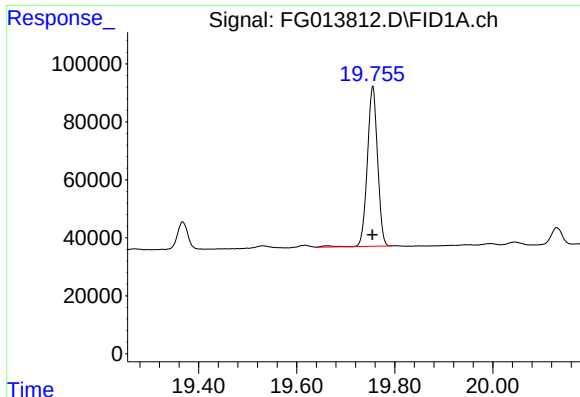
#17 n-Tricontane (C30)

R.T.: 18.134 min
Delta R.T.: 0.000 min
Response: 847400
Conc: 6.42 ug/ml



#18 n-Dotriacontane (C32)

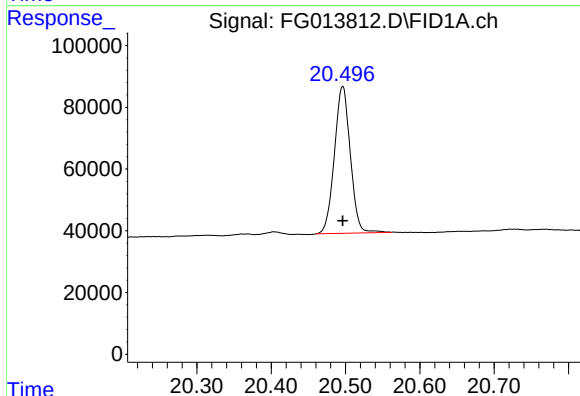
R.T.: 18.969 min
Delta R.T.: 0.000 min
Response: 875039
Conc: 6.68 ug/ml



#19 n-Tetratriacontane (C34)

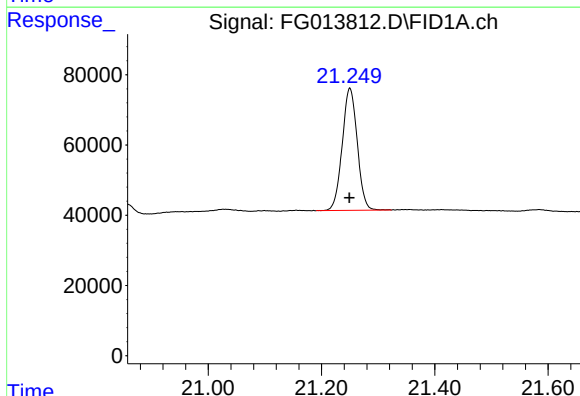
R.T.: 19.755 min
Delta R.T.: 0.000 min
Response: 798699
Conc: 6.55 ug/ml

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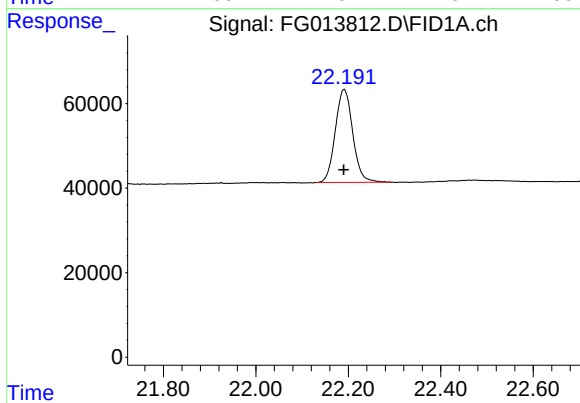
#20 n-Hexatriacontane (C36)

R.T.: 20.496 min
Delta R.T.: 0.000 min
Response: 707774
Conc: 6.14 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.250 min
Delta R.T.: 0.000 min
Response: 639775
Conc: 5.92 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.191 min
Delta R.T.: 0.000 min
Response: 577711
Conc: 5.55 ug/ml