

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG051024AL\
 Data File : FG013821.D
 Signal(s) : FID1A.ch
 Acq On : 11 May 2024 03:16
 Operator : YP\AJ
 Sample : P2403-09
 Misc :
 ALS Vial : 73 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 MDL-WATER-03-QT2-2024

Integration File: autoint1.e
 Quant Time: May 11 05:17:57 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	3940636	33.395 ug/ml
Spiked Amount 50.000		Recovery =	66.79%
Target Compounds			
1) T n-Nonane (C9)	3.326	216264	1.626 ug/ml
2) T n-Decane (C10)	4.579	275095	2.024 ug/ml
4) T n-Dodecane (C12)	6.749	439610	3.204 ug/ml
6) T n-Tetradecane (C14)	8.582	352911	2.578 ug/ml
7) T n-Hexadecane (C16)	10.194	342864	2.401 ug/ml
8) T n-Octadecane (C18)	11.643	366372	2.515 ug/ml
10) T n-Eicosane (C20)	12.957	378770	2.687 ug/ml
11) T n-Heneicosane (C21)	13.572	361468	2.602 ug/ml
13) T n-Docosane (C22)	14.160	384458	2.781 ug/ml
14) T n-Tetracosane (C24)	15.266	431928	3.131 ug/ml
15) T n-Hexacosane (C26)	16.291	421718	3.121 ug/ml
16) T n-Octacosane (C28)	17.243	442561	3.373 ug/ml
17) T n-Tricontane (C30)	18.133	464911	3.522 ug/ml
18) T n-Dotriacontane (C32)	18.968	472622	3.607 ug/ml
19) T n-Tetratriacontane (C34)	19.753	402173	3.298 ug/ml
20) T n-Hexatriacontane (C36)	20.495	360925	3.129 ug/ml
21) T n-Octatriacontane (C38)	21.249	400837	3.711 ug/ml
22) T n-Tetracontane (C40)	22.191	446421	4.292 ug/ml

(f)=RT Delta > 1/2 Window

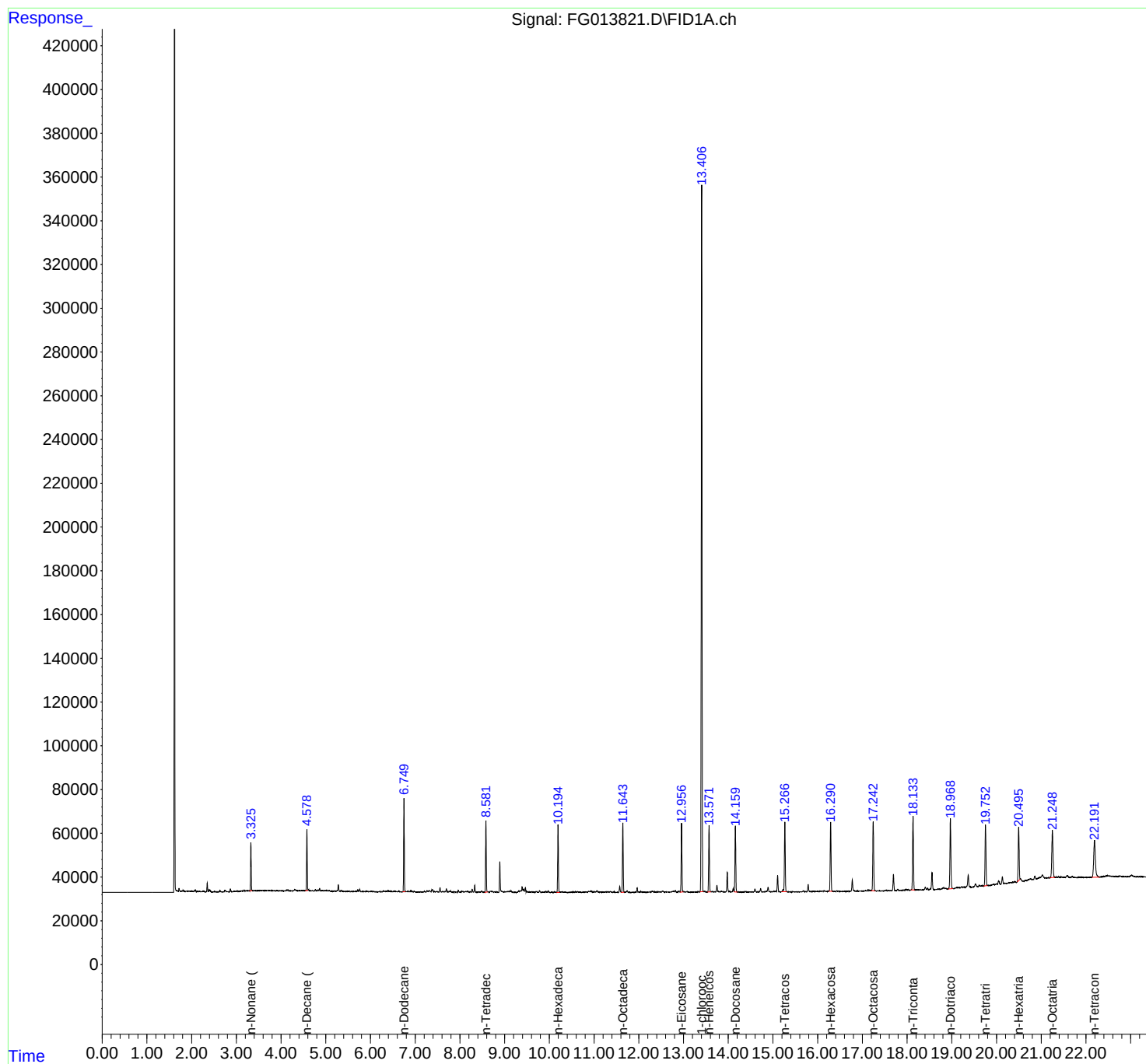
(m)=manual int.

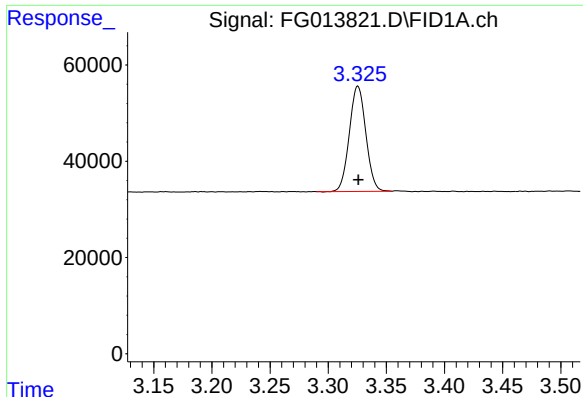
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Signal Info : 20M x 0.18mm x 0.18um

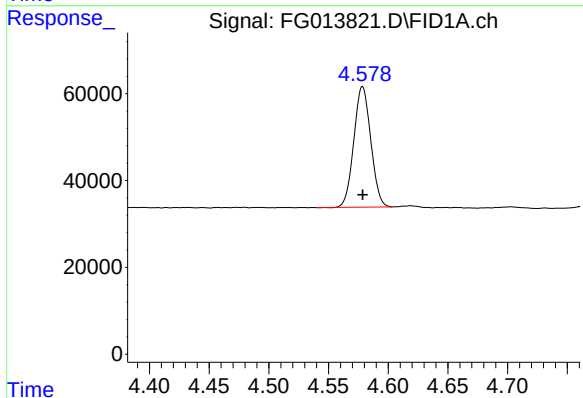




#1 n-Nonane (C9)

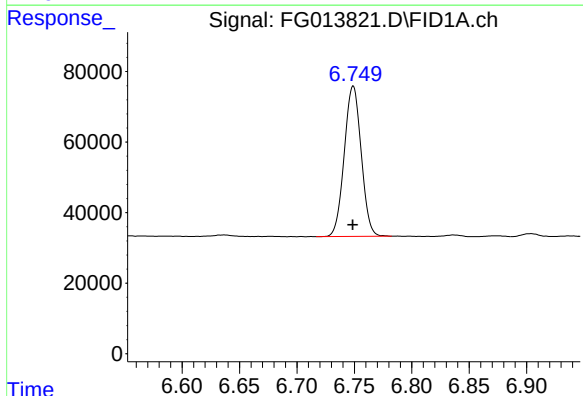
R.T.: 3.326 min
Delta R.T.: 0.000 min
Response: 216264
Conc: 1.63 ug/ml

Instrument :
FID_G
ClientSampleId :
MDL-WATER-03-QT2-2024



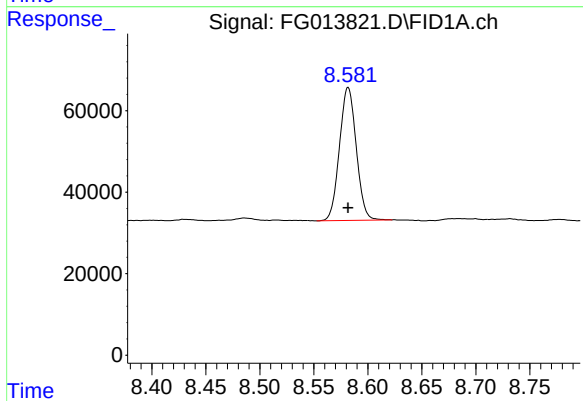
#2 n-Decane (C10)

R.T.: 4.579 min
Delta R.T.: 0.000 min
Response: 275095
Conc: 2.02 ug/ml



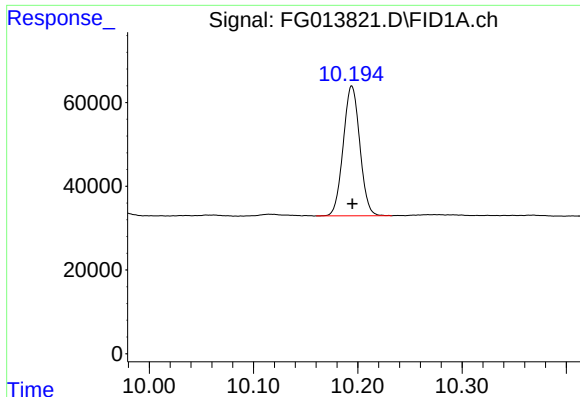
#4 n-Dodecane (C12)

R.T.: 6.749 min
Delta R.T.: 0.000 min
Response: 439610
Conc: 3.20 ug/ml



#6 n-Tetradecane (C14)

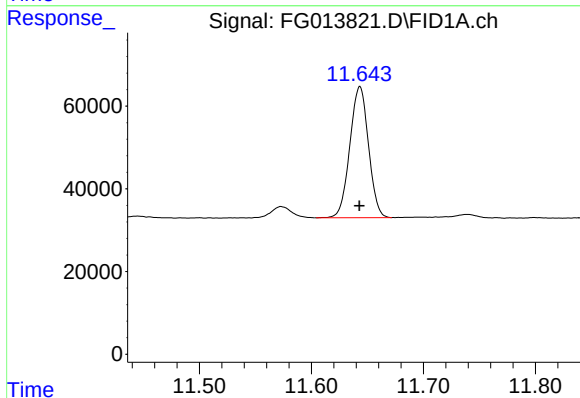
R.T.: 8.582 min
Delta R.T.: 0.000 min
Response: 352911
Conc: 2.58 ug/ml



#7 n-Hexadecane (C16)

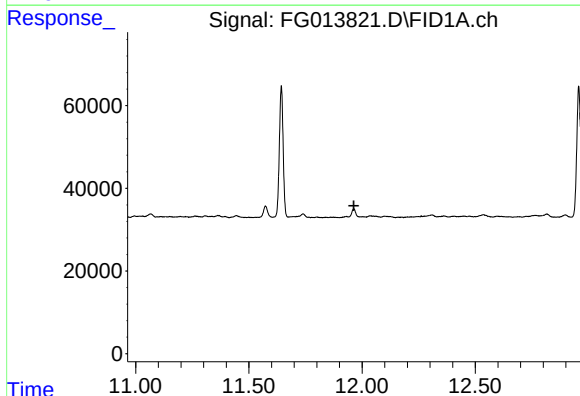
R.T.: 10.194 min
Delta R.T.: 0.000 min
Response: 342864
Conc: 2.40 ug/ml

Instrument :
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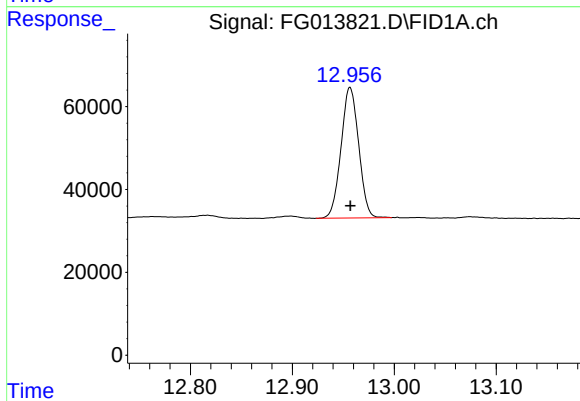
#8 n-Octadecane (C18)

R.T.: 11.643 min
Delta R.T.: 0.000 min
Response: 366372
Conc: 2.52 ug/ml



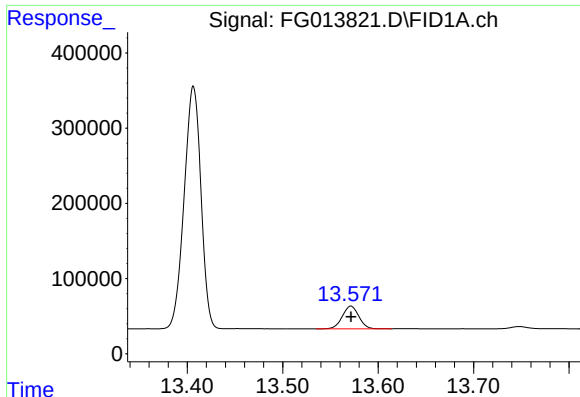
#9 ortho-Terphenyl (SURR)

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



#10 n-Eicosane (C20)

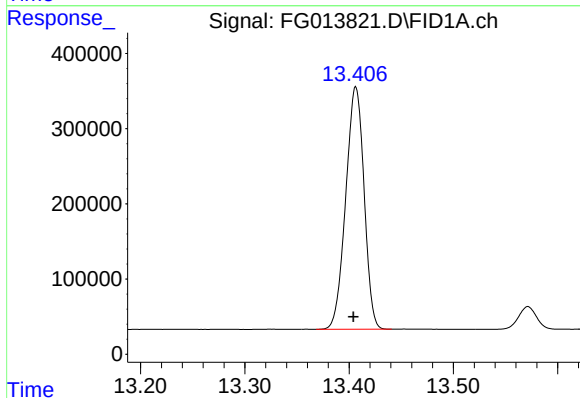
R.T.: 12.957 min
Delta R.T.: 0.000 min
Response: 378770
Conc: 2.69 ug/ml



#11 n-Heneicosane (C21)

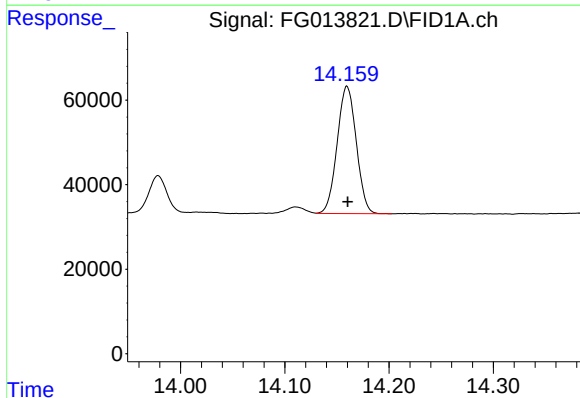
R.T.: 13.572 min
Delta R.T.: 0.000 min
Response: 361468
Conc: 2.60 ug/ml

Instrument :
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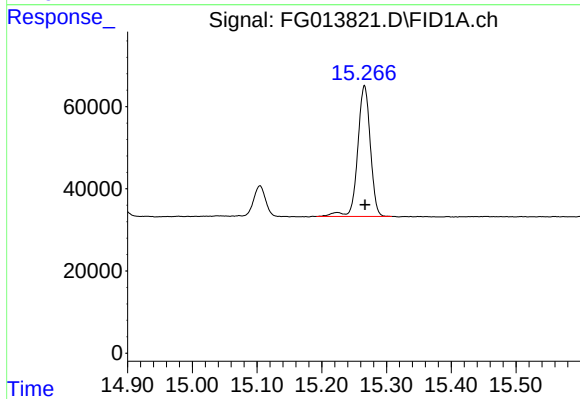
#12 1-chlorooctadecane (SURR)

R.T.: 13.406 min
Delta R.T.: 0.002 min
Response: 3940636
Conc: 33.39 ug/ml



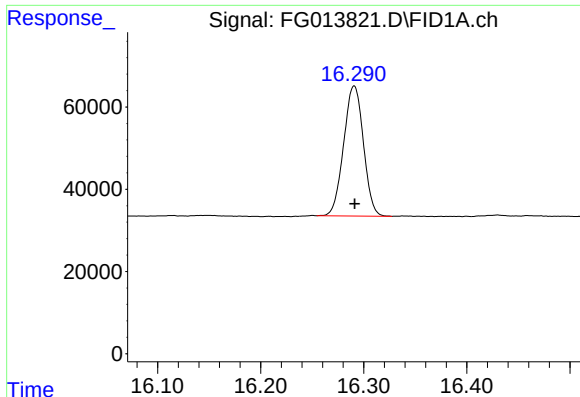
#13 n-Docosane (C22)

R.T.: 14.160 min
Delta R.T.: 0.000 min
Response: 384458
Conc: 2.78 ug/ml



#14 n-Tetracosane (C24)

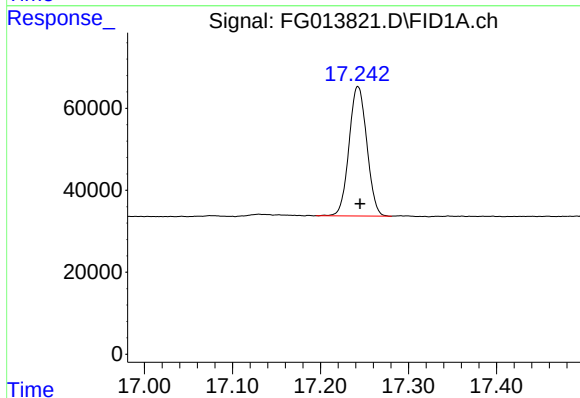
R.T.: 15.266 min
Delta R.T.: 0.000 min
Response: 431928
Conc: 3.13 ug/ml



#15 n-Hexacosane (C26)

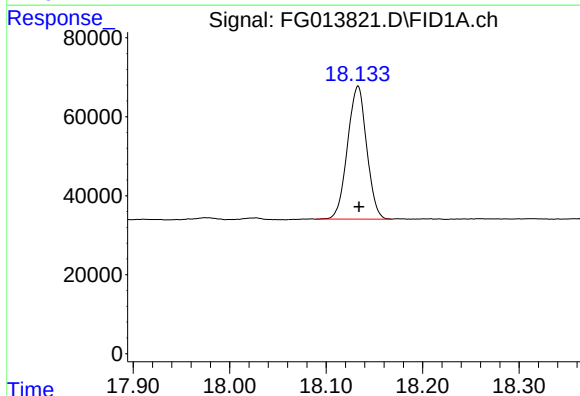
R.T.: 16.291 min
Delta R.T.: 0.000 min
Response: 421718
Conc: 3.12 ug/ml

Instrument :
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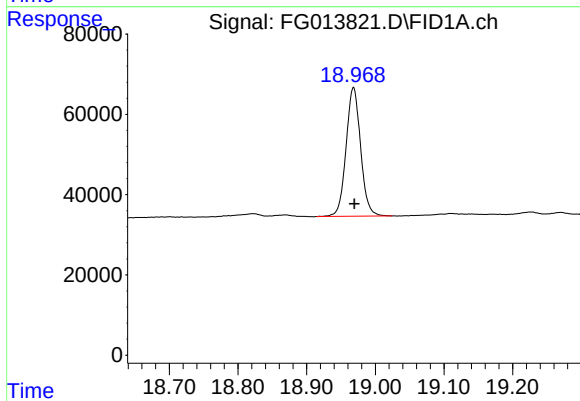
#16 n-Octacosane (C28)

R.T.: 17.243 min
Delta R.T.: -0.002 min
Response: 442561
Conc: 3.37 ug/ml



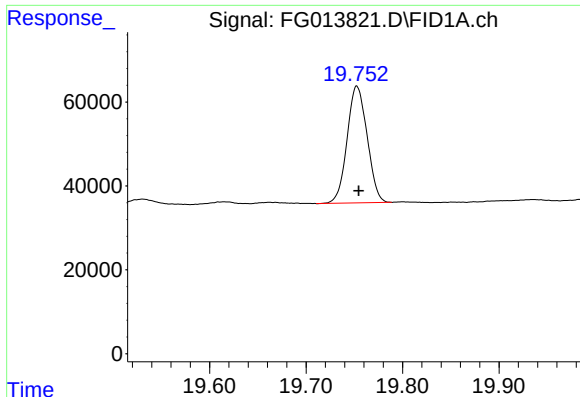
#17 n-Tricontane (C30)

R.T.: 18.133 min
Delta R.T.: -0.001 min
Response: 464911
Conc: 3.52 ug/ml



#18 n-Dotriacontane (C32)

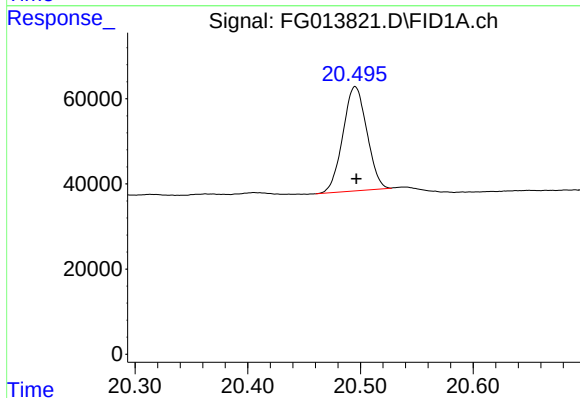
R.T.: 18.968 min
Delta R.T.: -0.001 min
Response: 472622
Conc: 3.61 ug/ml



#19 n-Tetratriacontane (C34)

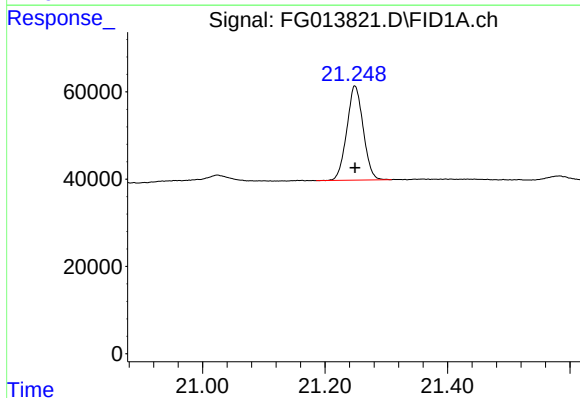
R.T.: 19.753 min
Delta R.T.: -0.002 min
Response: 402173
Conc: 3.30 ug/ml

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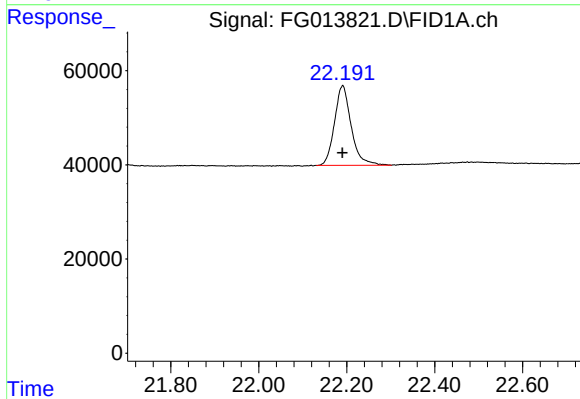
#20 n-Hexatriacontane (C36)

R.T.: 20.495 min
Delta R.T.: 0.000 min
Response: 360925
Conc: 3.13 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.249 min
Delta R.T.: 0.000 min
Response: 400837
Conc: 3.71 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.191 min
Delta R.T.: 0.000 min
Response: 446421
Conc: 4.29 ug/ml