

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG051024AL\
 Data File : FG013820.D
 Signal(s) : FID1A.ch
 Acq On : 11 May 2024 02:47
 Operator : YP\AJ
 Sample : P2403-03
 Misc :
 ALS Vial : 73 Sample Multiplier: 1

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

Integration File: autoint1.e
 Quant Time: May 11 05:17:44 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	3961798	33.574 ug/ml
Spiked Amount 50.000		Recovery =	67.15%
Target Compounds			
1) T n-Nonane (C9)	3.326	216183	1.625 ug/ml
2) T n-Decane (C10)	4.579	274002	2.016 ug/ml
4) T n-Dodecane (C12)	6.748	439057	3.200 ug/ml
6) T n-Tetradecane (C14)	8.581	351538	2.568 ug/ml
7) T n-Hexadecane (C16)	10.194	341861	2.394 ug/ml
8) T n-Octadecane (C18)	11.643	367651	2.524 ug/ml
10) T n-Eicosane (C20)	12.957	381443	2.706 ug/ml
11) T n-Heneicosane (C21)	13.571	362375	2.609 ug/ml
13) T n-Docosane (C22)	14.159	387272	2.801 ug/ml
14) T n-Tetracosane (C24)	15.266	438008	3.175 ug/ml
15) T n-Hexacosane (C26)	16.291	423986	3.138 ug/ml
16) T n-Octacosane (C28)	17.243	444733	3.389 ug/ml
17) T n-Tricontane (C30)	18.133	468924	3.552 ug/ml
18) T n-Dotriacontane (C32)	18.969	474565	3.622 ug/ml
19) T n-Tetratriacontane (C34)	19.755	401152	3.289 ug/ml
20) T n-Hexatriacontane (C36)	20.497	365443	3.168 ug/ml
21) T n-Octatriacontane (C38)	21.250	396925	3.675 ug/ml
22) T n-Tetracontane (C40)	22.192	439446	4.225 ug/ml

(f)=RT Delta > 1/2 Window

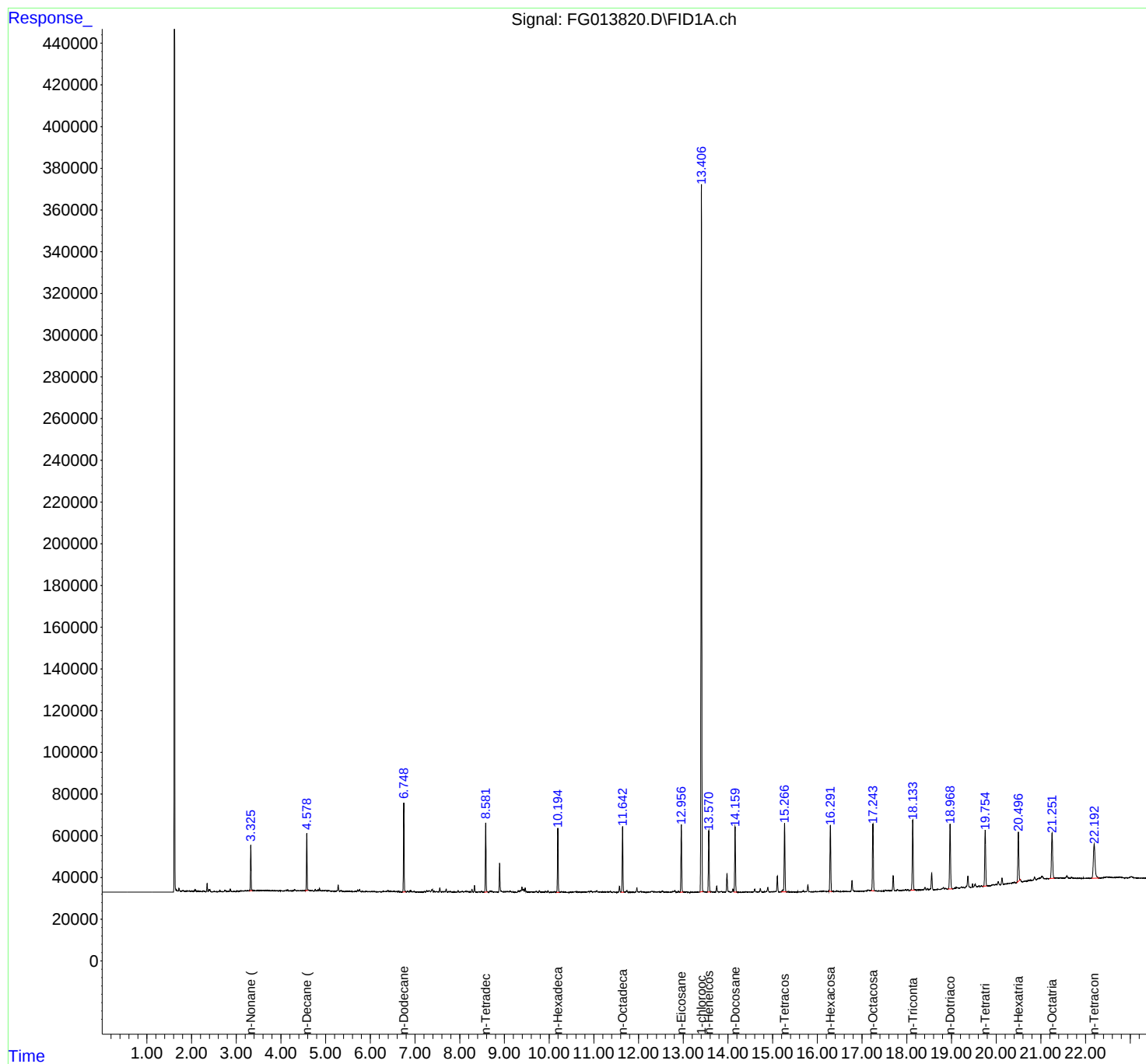
(m)=manual int.

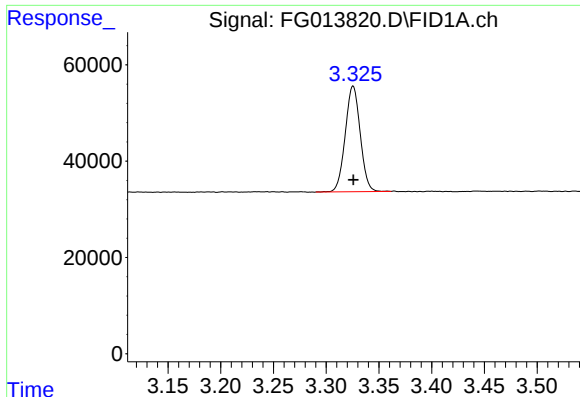
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG051024AL\
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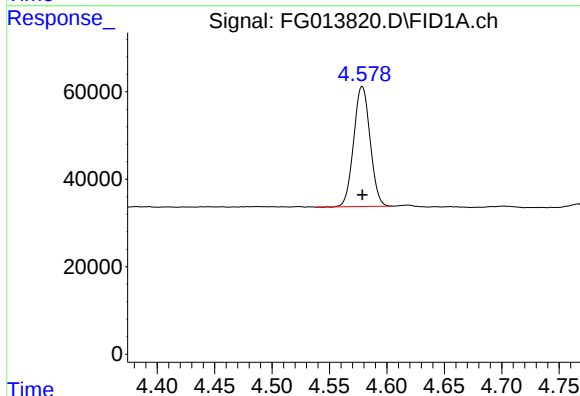




#1 n-Nonane (C9)

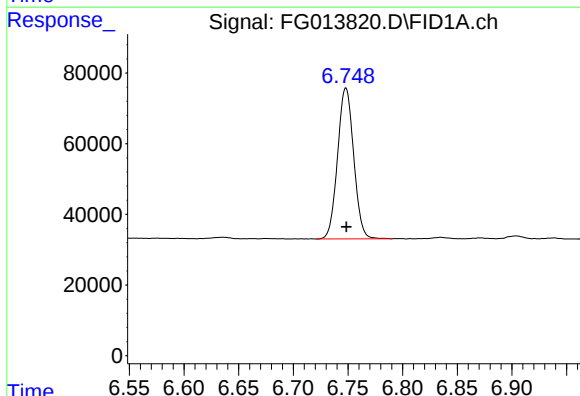
R.T.: 3.326 min
Delta R.T.: 0.000 min
Response: 216183
Conc: 1.63 ug/ml

Instrument :
FID_G
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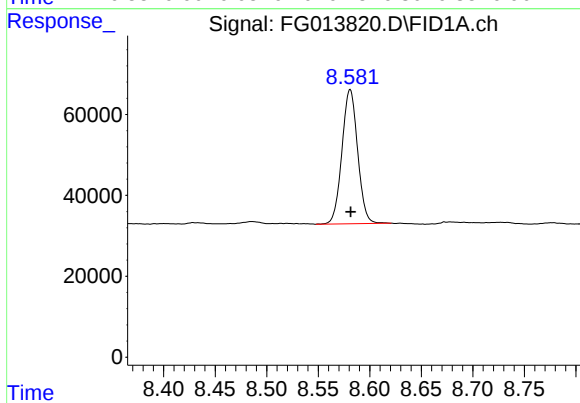
#2 n-Decane (C10)

R.T.: 4.579 min
Delta R.T.: 0.000 min
Response: 274002
Conc: 2.02 ug/ml



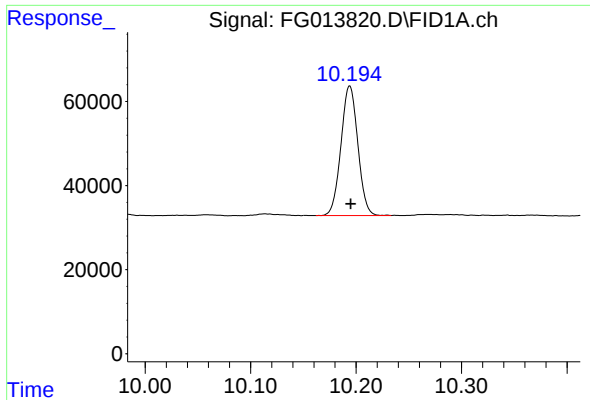
#4 n-Dodecane (C12)

R.T.: 6.748 min
Delta R.T.: 0.000 min
Response: 439057
Conc: 3.20 ug/ml



#6 n-Tetradecane (C14)

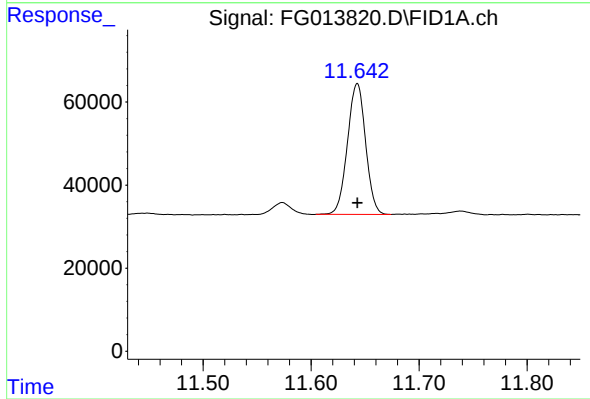
R.T.: 8.581 min
Delta R.T.: 0.000 min
Response: 351538
Conc: 2.57 ug/ml



#7 n-Hexadecane (C16)

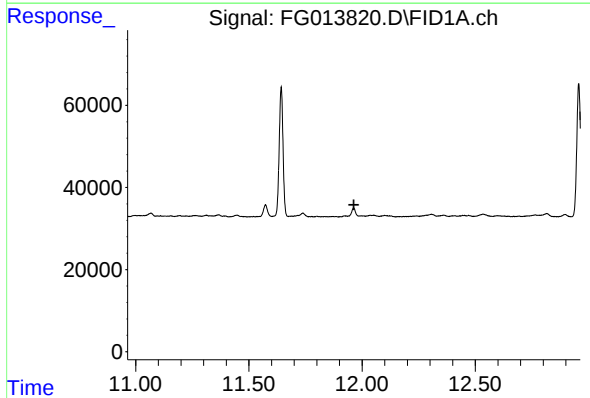
R.T.: 10.194 min
Delta R.T.: 0.000 min
Response: 341861
Conc: 2.39 ug/ml

Instrument :
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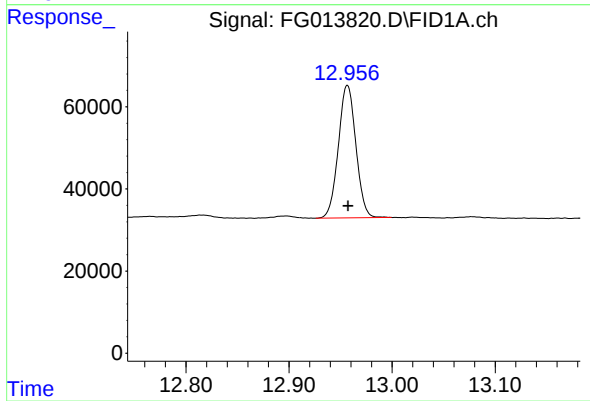
#8 n-Octadecane (C18)

R.T.: 11.643 min
Delta R.T.: 0.000 min
Response: 367651
Conc: 2.52 ug/ml



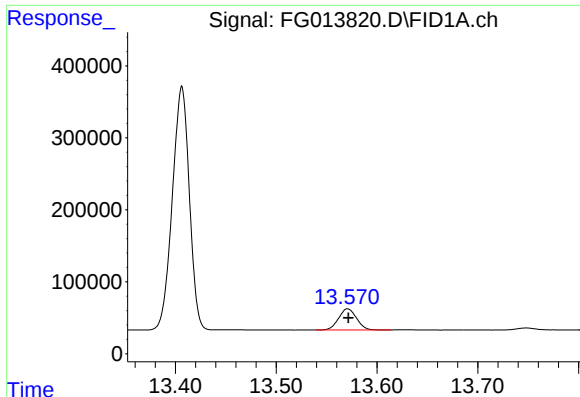
#9 ortho-Terphenyl (SURR)

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



#10 n-Eicosane (C20)

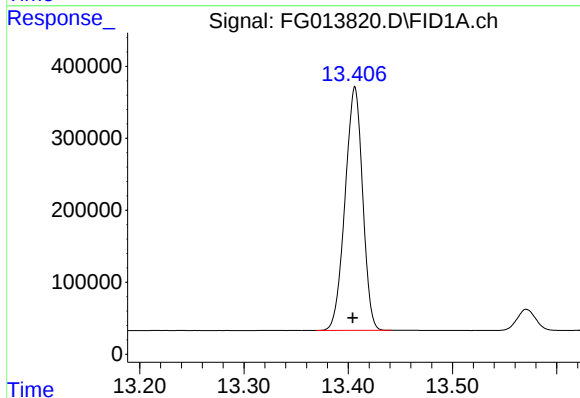
R.T.: 12.957 min
Delta R.T.: 0.000 min
Response: 381443
Conc: 2.71 ug/ml



#11 n-Heneicosane (C21)

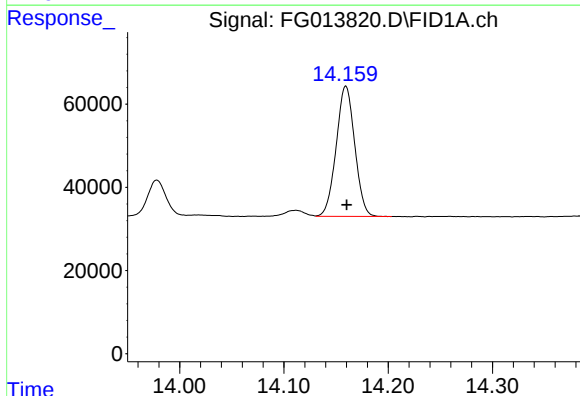
R.T.: 13.571 min
Delta R.T.: 0.000 min
Response: 362375
Conc: 2.61 ug/ml

Instrument :
FID_G
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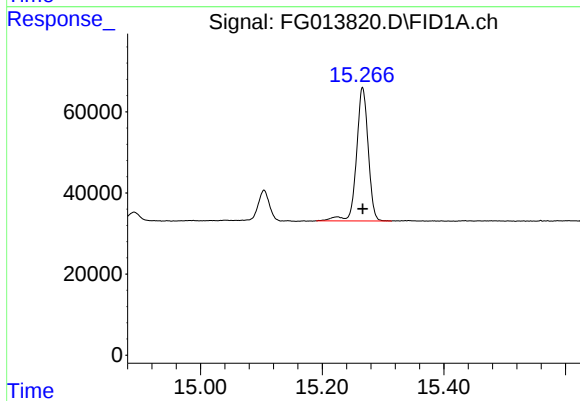
#12 1-chlorooctadecane (SURR)

R.T.: 13.406 min
Delta R.T.: 0.002 min
Response: 3961798
Conc: 33.57 ug/ml



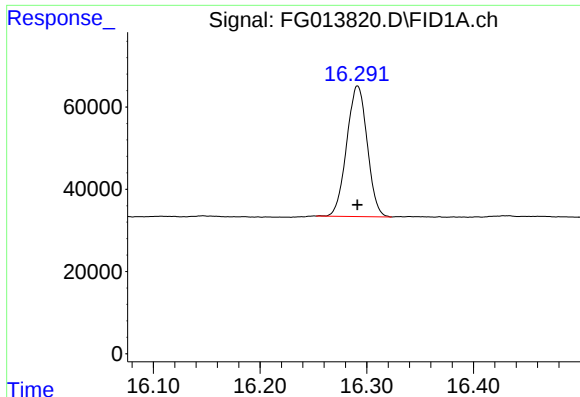
#13 n-Docosane (C22)

R.T.: 14.159 min
Delta R.T.: 0.000 min
Response: 387272
Conc: 2.80 ug/ml



#14 n-Tetracosane (C24)

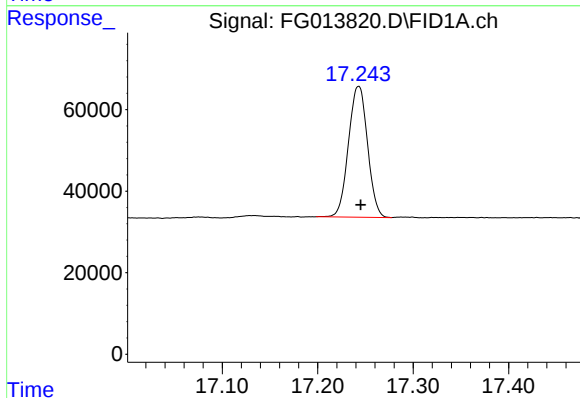
R.T.: 15.266 min
Delta R.T.: 0.000 min
Response: 438008
Conc: 3.17 ug/ml



#15 n-Hexacosane (C26)

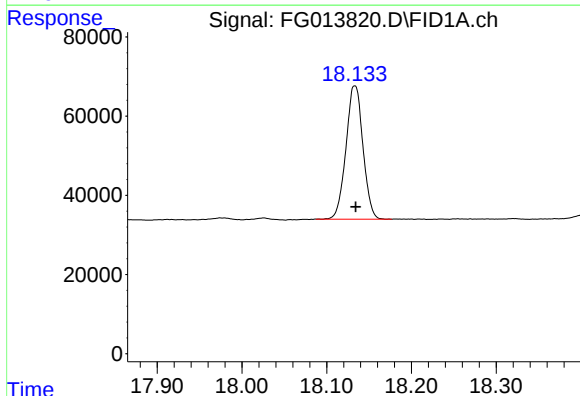
R.T.: 16.291 min
Delta R.T.: 0.000 min
Response: 423986
Conc: 3.14 ug/ml

Instrument :
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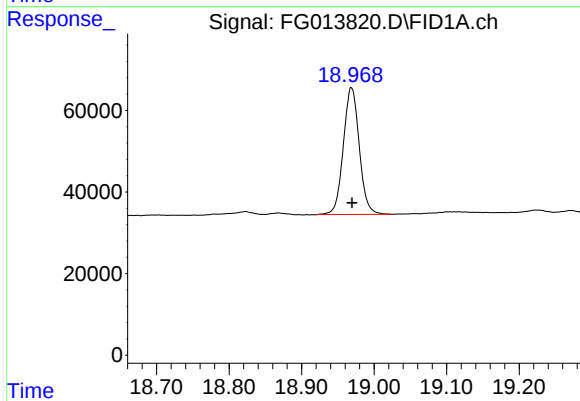
#16 n-Octacosane (C28)

R.T.: 17.243 min
Delta R.T.: -0.002 min
Response: 444733
Conc: 3.39 ug/ml



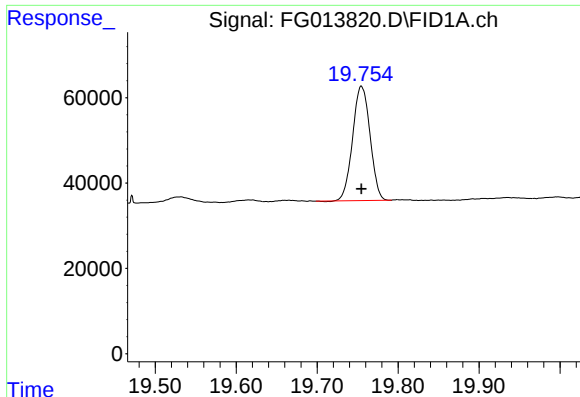
#17 n-Tricontane (C30)

R.T.: 18.133 min
Delta R.T.: -0.001 min
Response: 468924
Conc: 3.55 ug/ml



#18 n-Dotriacontane (C32)

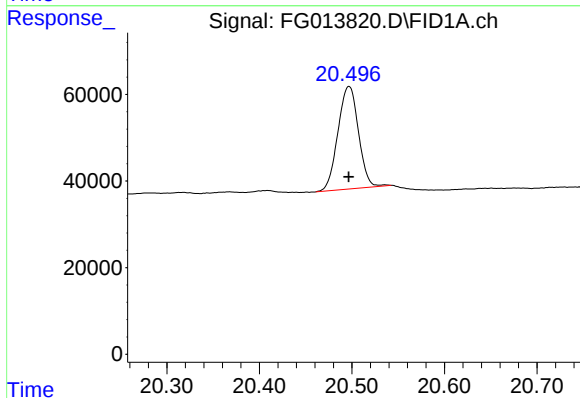
R.T.: 18.969 min
Delta R.T.: 0.000 min
Response: 474565
Conc: 3.62 ug/ml



#19 n-Tetratriacontane (C34)

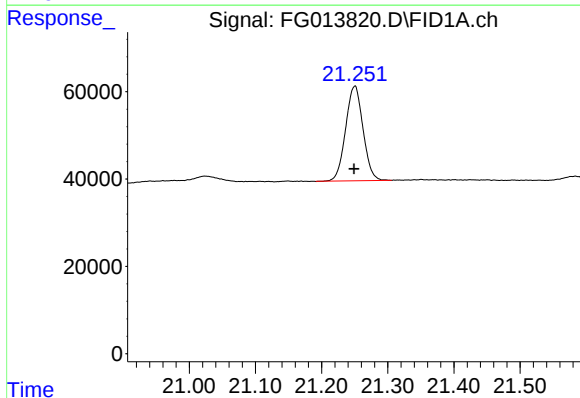
R.T.: 19.755 min
Delta R.T.: 0.000 min
Response: 401152
Conc: 3.29 ug/ml

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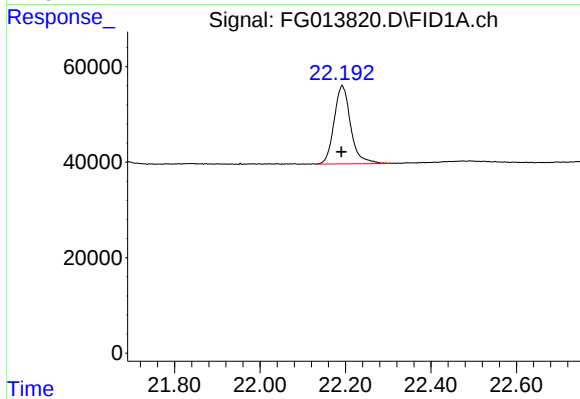
#20 n-Hexatriacontane (C36)

R.T.: 20.497 min
Delta R.T.: 0.000 min
Response: 365443
Conc: 3.17 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.250 min
Delta R.T.: 0.001 min
Response: 396925
Conc: 3.67 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.192 min
Delta R.T.: 0.002 min
Response: 439446
Conc: 4.22 ug/ml