

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG051024AL\
 Data File : FG013810.D
 Signal(s) : FID1A.ch
 Acq On : 10 May 2024 19:27
 Operator : YP\AJ
 Sample : P2403-01
 Misc :
 ALS Vial : 73 Sample Multiplier: 1

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

Integration File: autoint1.e
 Quant Time: May 11 05:15:37 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	4295899	36.405 ug/ml
Spiked Amount 50.000		Recovery =	72.81%
Target Compounds			
1) T n-Nonane (C9)	3.326	220210	1.656 ug/ml
2) T n-Decane (C10)	4.579	279299	2.055 ug/ml
4) T n-Dodecane (C12)	6.749	449854	3.279 ug/ml
6) T n-Tetradecane (C14)	8.581	363154	2.653 ug/ml
7) T n-Hexadecane (C16)	10.194	358723	2.512 ug/ml
8) T n-Octadecane (C18)	11.643	388661	2.668 ug/ml
10) T n-Eicosane (C20)	12.956	409489	2.905 ug/ml
11) T n-Heneicosane (C21)	13.571	391031	2.815 ug/ml
13) T n-Docosane (C22)	14.160	419303	3.033 ug/ml
14) T n-Tetracosane (C24)	15.266	460131	3.335 ug/ml
15) T n-Hexacosane (C26)	16.291	461288	3.414 ug/ml
16) T n-Octacosane (C28)	17.243	481519	3.670 ug/ml
17) T n-Tricontane (C30)	18.134	503342	3.813 ug/ml
18) T n-Dotriacontane (C32)	18.970	553821	4.227 ug/ml
19) T n-Tetratriacontane (C34)	19.755	429209	3.519 ug/ml
20) T n-Hexatriacontane (C36)	20.497	400893	3.476 ug/ml
21) T n-Octatriacontane (C38)	21.248	405082	3.750 ug/ml
22) T n-Tetracontane (C40)	22.191	470293	4.521 ug/ml

(f)=RT Delta > 1/2 Window

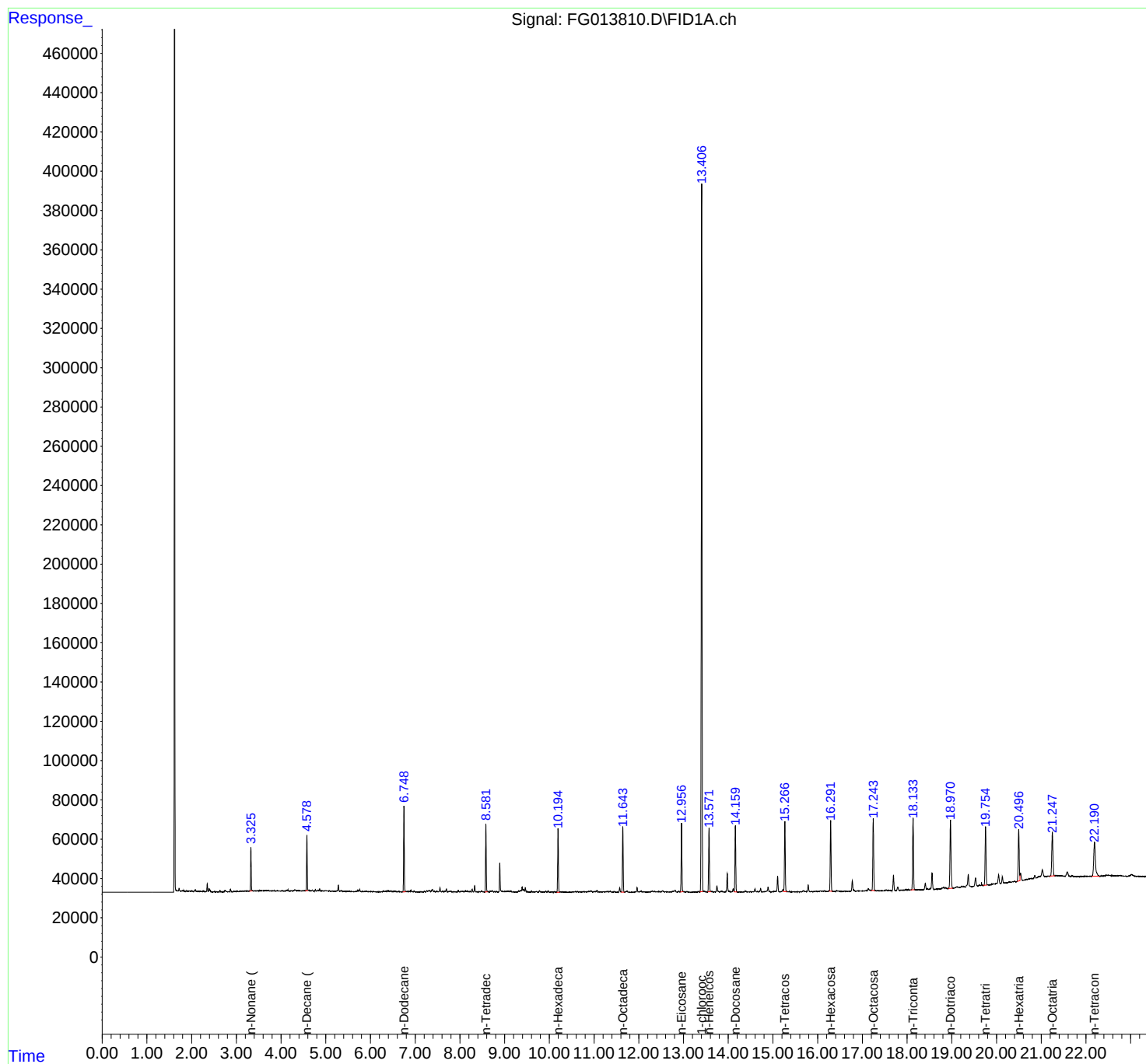
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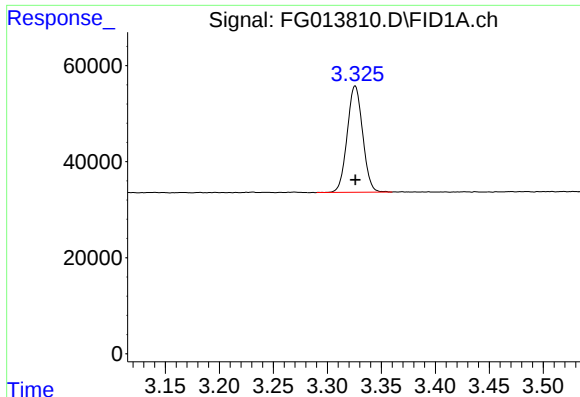
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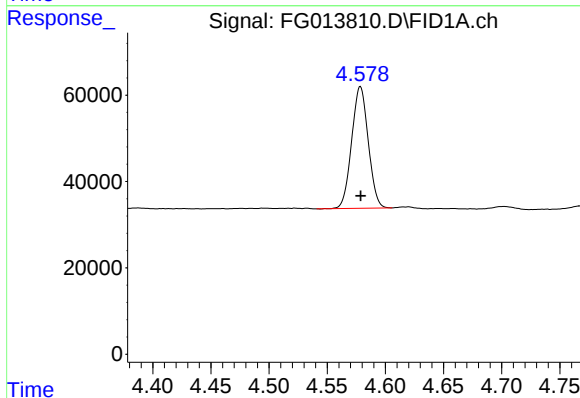




#1 n-Nonane (C9)

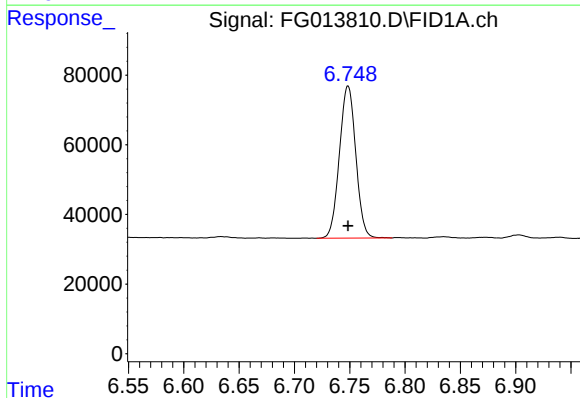
R.T.: 3.326 min
Delta R.T.: 0.000 min
Response: 220210
Conc: 1.66 ug/ml

Instrument :
FID_G
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LOD-MDL-SOIL-01-QT2-2024



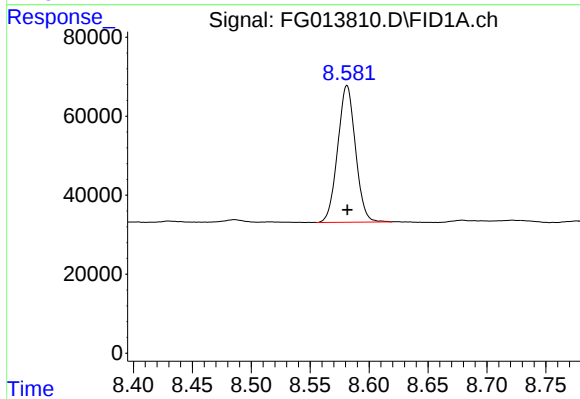
#2 n-Decane (C10)

R.T.: 4.579 min
Delta R.T.: 0.000 min
Response: 279299
Conc: 2.05 ug/ml



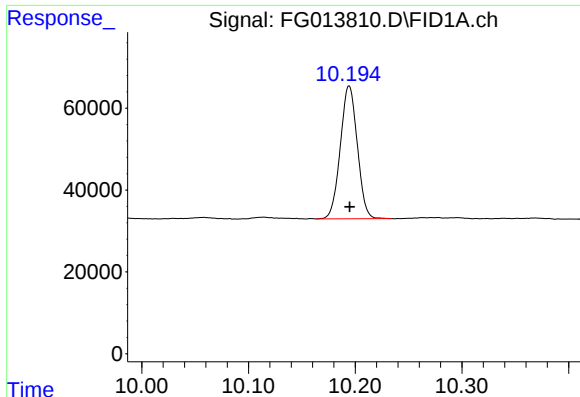
#4 n-Dodecane (C12)

R.T.: 6.749 min
Delta R.T.: 0.000 min
Response: 449854
Conc: 3.28 ug/ml



#6 n-Tetradecane (C14)

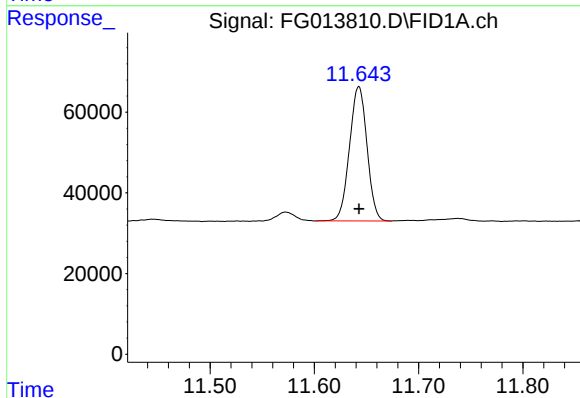
R.T.: 8.581 min
Delta R.T.: 0.000 min
Response: 363154
Conc: 2.65 ug/ml



#7 n-Hexadecane (C16)

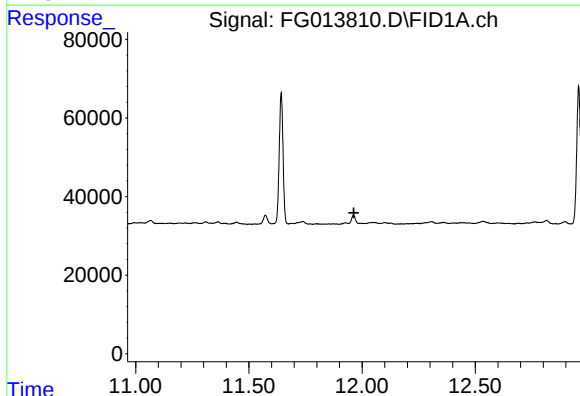
R.T.: 10.194 min
Delta R.T.: 0.000 min
Response: 358723
Conc: 2.51 ug/ml

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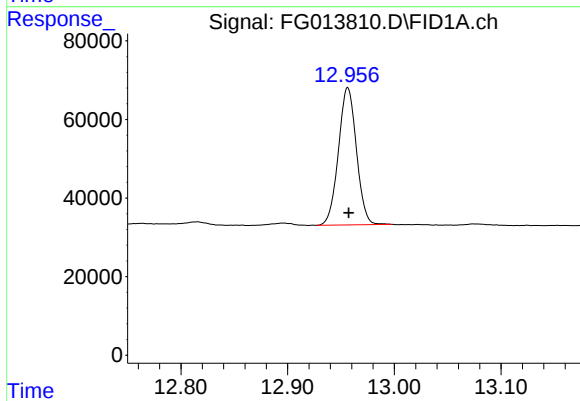
#8 n-Octadecane (C18)

R.T.: 11.643 min
Delta R.T.: 0.000 min
Response: 388661
Conc: 2.67 ug/ml



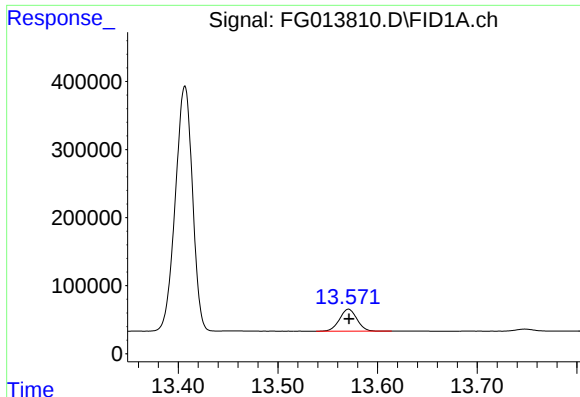
#9 ortho-Terphenyl (SURR)

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



#10 n-Eicosane (C20)

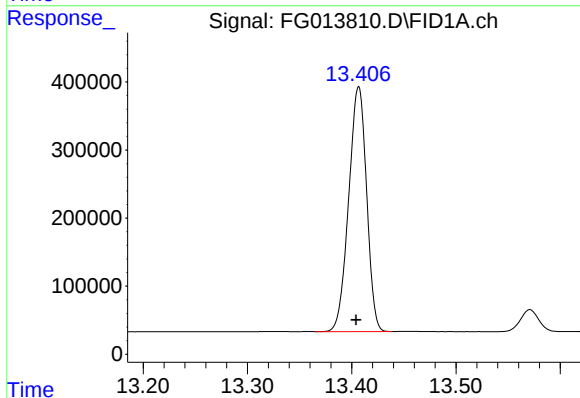
R.T.: 12.956 min
Delta R.T.: 0.000 min
Response: 409489
Conc: 2.90 ug/ml



#11 n-Heneicosane (C21)

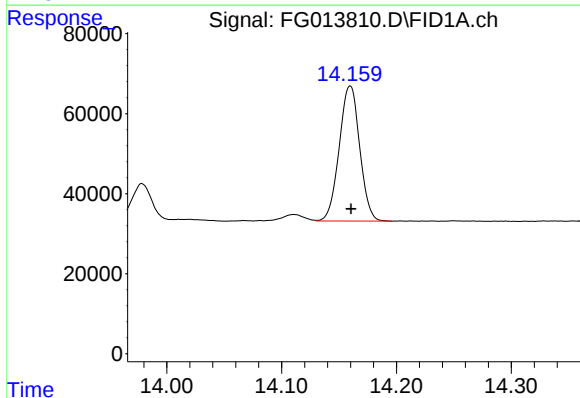
R.T.: 13.571 min
Delta R.T.: 0.000 min
Response: 391031
Conc: 2.82 ug/ml

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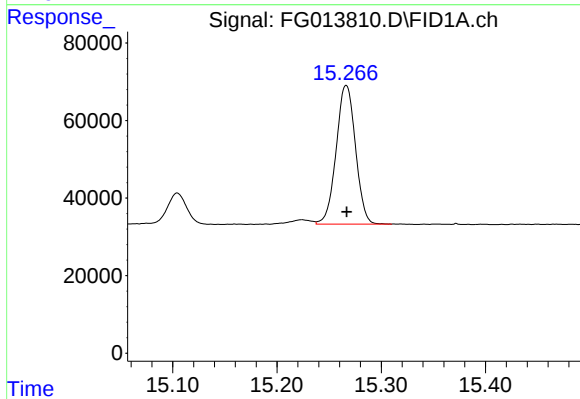
#12 1-chlorooctadecane (SURR)

R.T.: 13.407 min
Delta R.T.: 0.003 min
Response: 4295899
Conc: 36.41 ug/ml



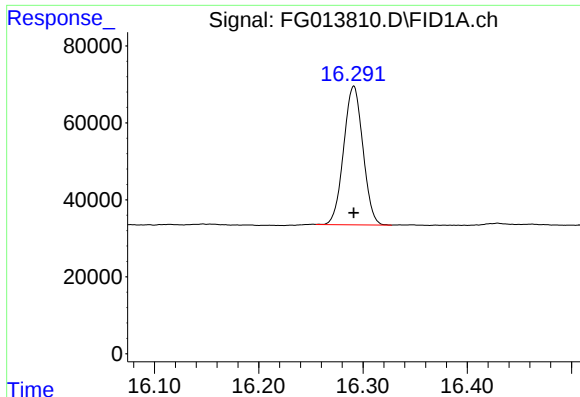
#13 n-Docosane (C22)

R.T.: 14.160 min
Delta R.T.: 0.000 min
Response: 419303
Conc: 3.03 ug/ml



#14 n-Tetracosane (C24)

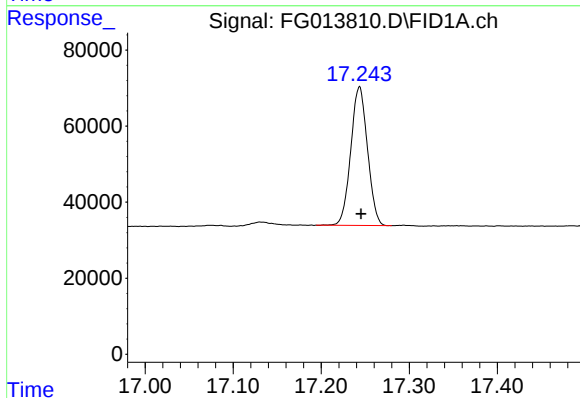
R.T.: 15.266 min
Delta R.T.: 0.000 min
Response: 460131
Conc: 3.33 ug/ml



#15 n-Hexacosane (C26)

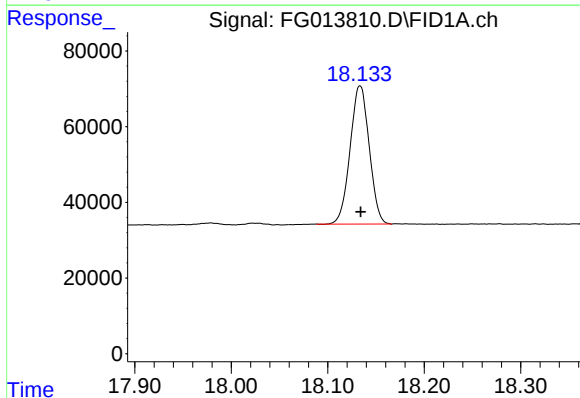
R.T.: 16.291 min
Delta R.T.: 0.000 min
Response: 461288
Conc: 3.41 ug/ml

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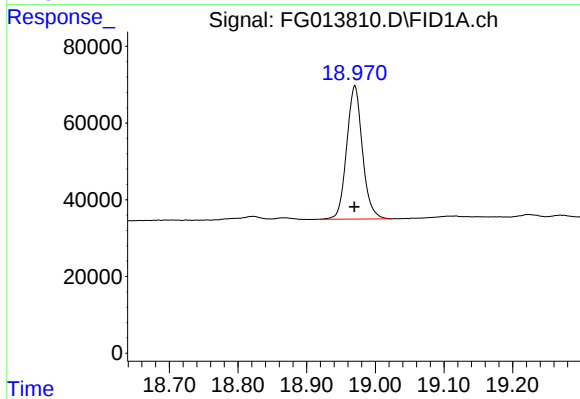
#16 n-Octacosane (C28)

R.T.: 17.243 min
Delta R.T.: -0.002 min
Response: 481519
Conc: 3.67 ug/ml



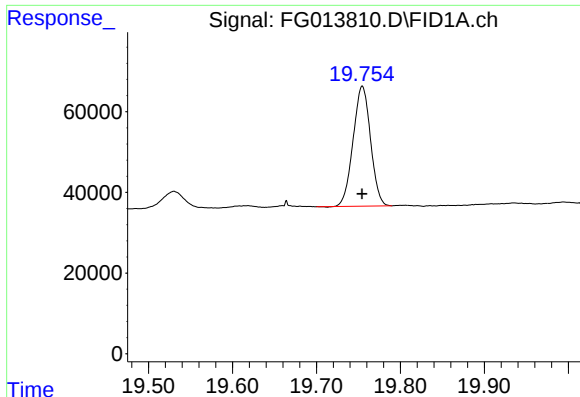
#17 n-Tricontane (C30)

R.T.: 18.134 min
Delta R.T.: 0.000 min
Response: 503342
Conc: 3.81 ug/ml



#18 n-Dotriacontane (C32)

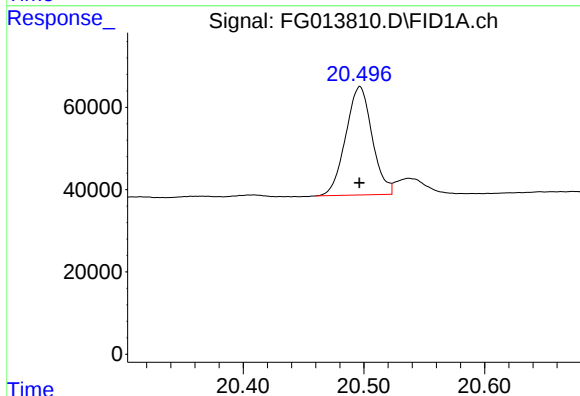
R.T.: 18.970 min
Delta R.T.: 0.000 min
Response: 553821
Conc: 4.23 ug/ml



#19 n-Tetratriacontane (C34)

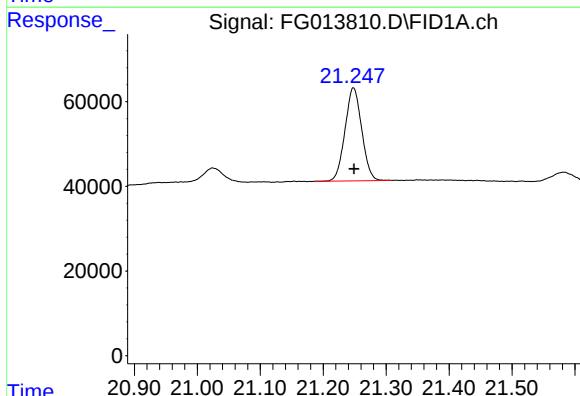
R.T.: 19.755 min
Delta R.T.: 0.000 min
Response: 429209
Conc: 3.52 ug/ml

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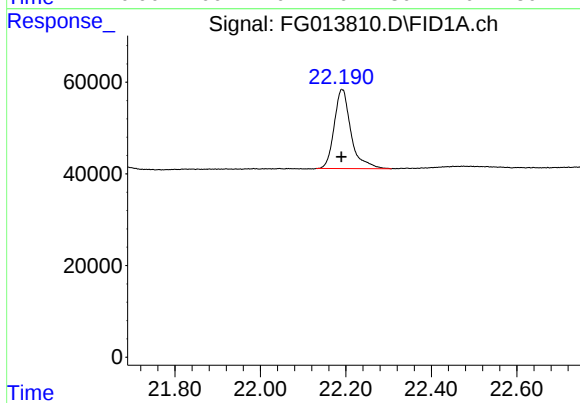
#20 n-Hexatriacontane (C36)

R.T.: 20.497 min
Delta R.T.: 0.000 min
Response: 400893
Conc: 3.48 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.248 min
Delta R.T.: -0.001 min
Response: 405082
Conc: 3.75 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.191 min
Delta R.T.: 0.000 min
Response: 470293
Conc: 4.52 ug/ml