

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG082825AL\
 Data File : FG016432.D
 Signal(s) : FID1A.ch
 Acq On : 28 Aug 2025 11:31
 Operator : YP\AJ
 Sample : 5 PPM ALIPHATIC HC STD5
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 5 PPM ALIPHATIC HC STD5

Integration File: autoint1.e
 Quant Time: Aug 28 12:00:58 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 082825.M
 Quant Title : GC Extractables
 QLast Update : Thu Aug 28 12:00:50 2025
 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			
9) S ortho-Terphenyl (SURR)	12.075	712065	5.379 ug/ml
Spiked Amount 50.000		Recovery =	10.76%
12) S 1-chlorooctadecane (S...	13.521	541931	5.384 ug/ml
Spiked Amount 50.000		Recovery =	10.77%
Target Compounds			
1) T n-Nonane (C9)	3.394	610616	5.397 ug/ml
2) T n-Decane (C10)	4.656	621256	5.397 ug/ml
3) T A~Naphthalene (C11.7)	6.376	649272	5.229 ug/ml
4) T n-Dodecane (C12)	6.836	622609	5.367 ug/ml
5) T A~2-methylnaphthalene...	7.479	613133	5.140 ug/ml
6) T n-Tetradecane (C14)	8.678	619409	5.368 ug/ml
7) T n-Hexadecane (C16)	10.297	643145	5.388 ug/ml
8) T n-Octadecane (C18)	11.751	652468	5.400 ug/ml
10) T n-Eicosane (C20)	13.071	631371	5.412 ug/ml
11) T n-Heneicosane (C21)	13.687	622765	5.418 ug/ml
13) T n-Docosane (C22)	14.278	616913	5.399 ug/ml
14) T n-Tetracosane (C24)	15.390	617105	5.425 ug/ml
15) T n-Hexacosane (C26)	16.418	601150	5.414 ug/ml
16) T n-Octacosane (C28)	17.374	589630	5.454 ug/ml
17) T n-Tricontane (C30)	18.269	605824	5.547 ug/ml
18) T n-Dotriacontane (C32)	19.107	590774	5.619 ug/ml
19) T n-Tetratriacontane (C34)	19.894	538538	5.608 ug/ml
20) T n-Hexatriacontane (C36)	20.639	462523	5.531 ug/ml
21) T n-Octatriacontane (C38)	21.426	426356	5.537 ug/ml
22) T n-Tetracontane (C40)	22.427	412555	5.553 ug/ml

(f)=RT Delta > 1/2 Window

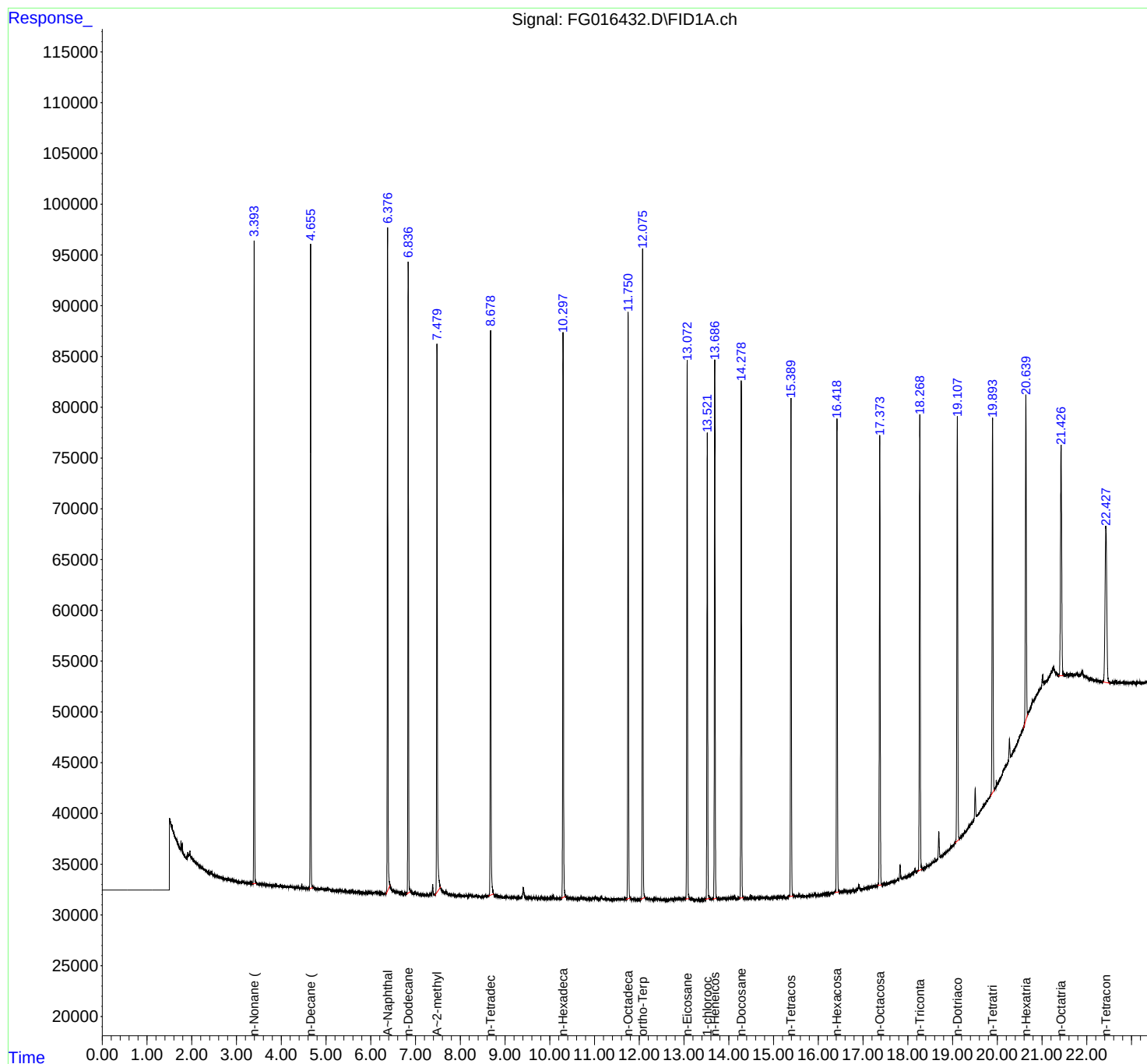
(m)=manual int.

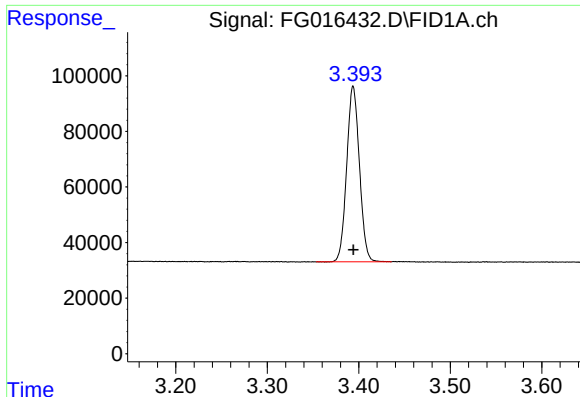
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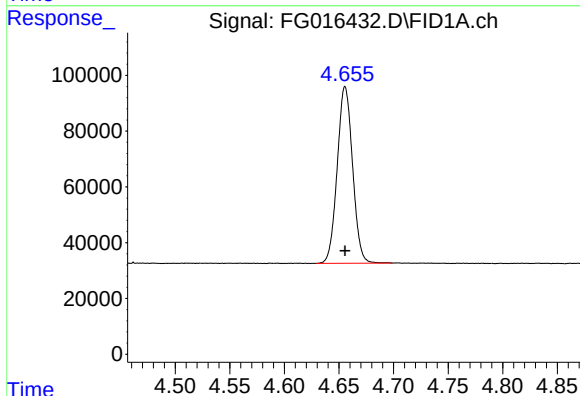




#1 n-Nonane (C9)

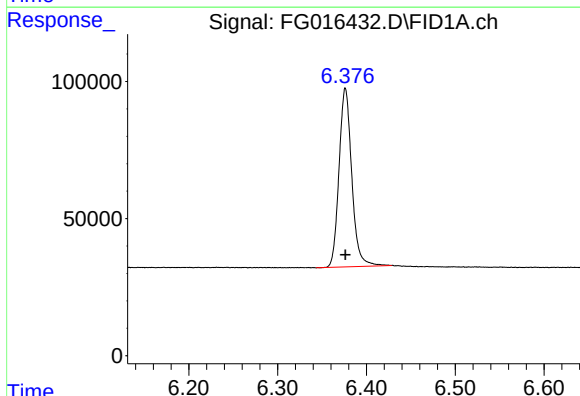
R.T.: 3.394 min
Delta R.T.: 0.000 min
Response: 610616
Conc: 5.40 ug/ml

Instrument :
FID_G
ClientSampleId :
5 PPM ALIPHATIC HC STD5



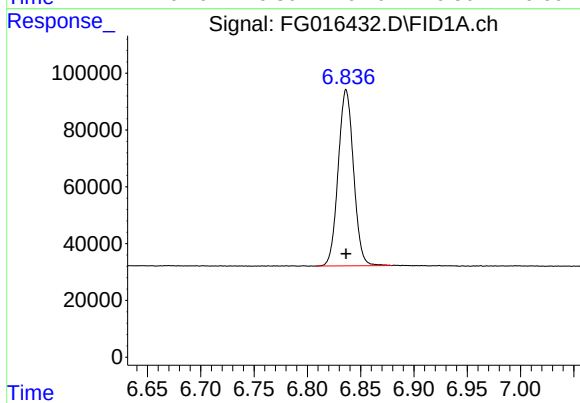
#2 n-Decane (C10)

R.T.: 4.656 min
Delta R.T.: 0.000 min
Response: 621256
Conc: 5.40 ug/ml



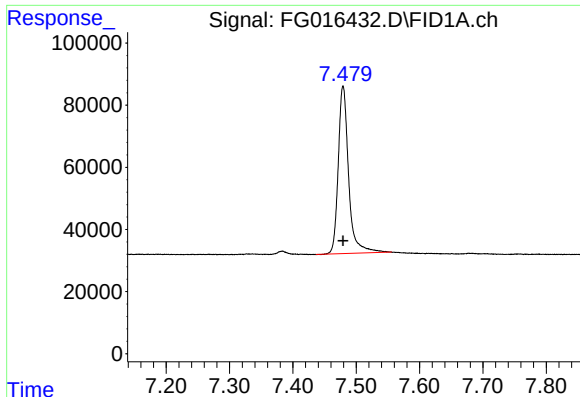
#3 A~Naphthalene (C11.7)

R.T.: 6.376 min
Delta R.T.: 0.000 min
Response: 649272
Conc: 5.23 ug/ml



#4 n-Dodecane (C12)

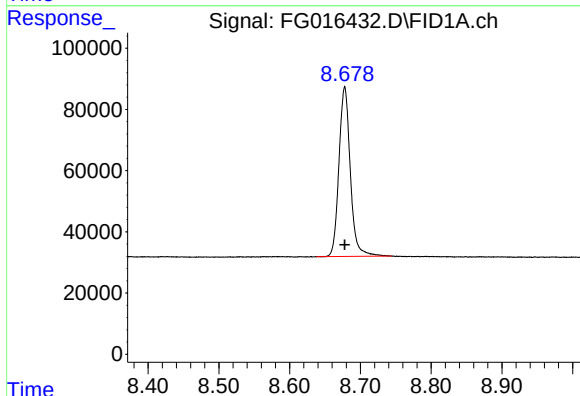
R.T.: 6.836 min
Delta R.T.: 0.000 min
Response: 622609
Conc: 5.37 ug/ml



#5 A~2-methylnaphthalene (C12.89)

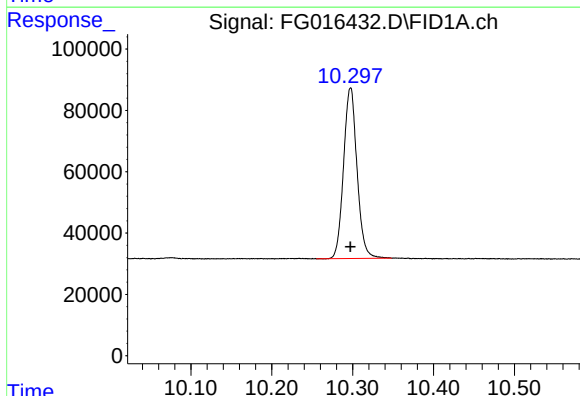
R.T.: 7.479 min
Delta R.T.: 0.000 min
Response: 613133
Conc: 5.14 ug/ml

Instrument :
FID_G
ClientSampleId :
5 PPM ALIPHATIC HC STD5



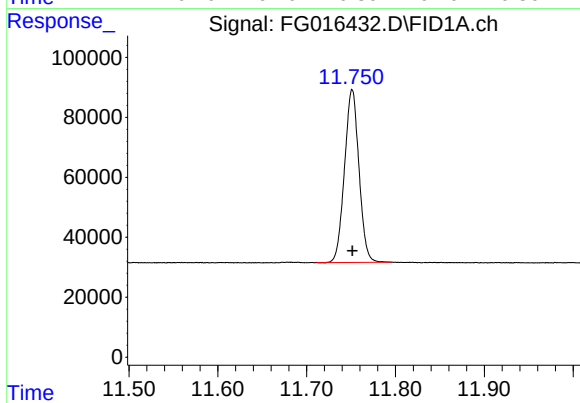
#6 n-Tetradecane (C14)

R.T.: 8.678 min
Delta R.T.: 0.000 min
Response: 619409
Conc: 5.37 ug/ml



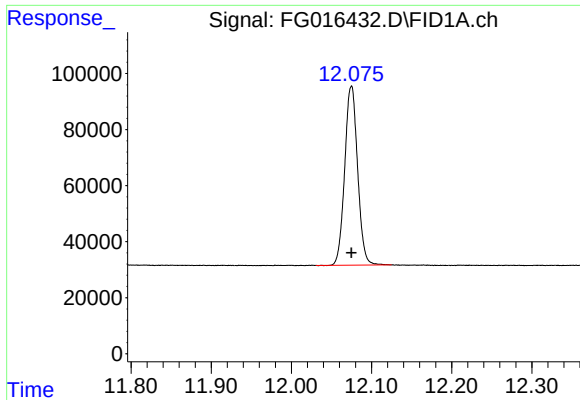
#7 n-Hexadecane (C16)

R.T.: 10.297 min
Delta R.T.: 0.000 min
Response: 643145
Conc: 5.39 ug/ml



#8 n-Octadecane (C18)

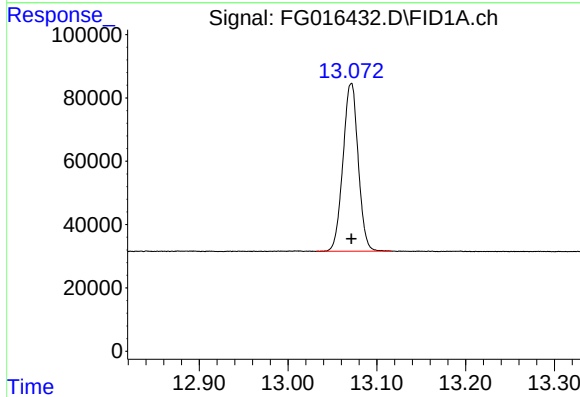
R.T.: 11.751 min
Delta R.T.: 0.000 min
Response: 652468
Conc: 5.40 ug/ml



#9 ortho-Terphenyl (SURR)

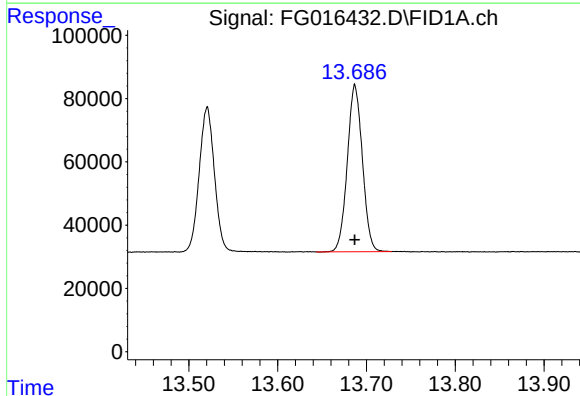
R.T.: 12.075 min
Delta R.T.: 0.000 min
Response: 712065
Conc: 5.38 ug/ml

Instrument :
FID_G
ClientSampleId :
5 PPM ALIPHATIC HC STD5



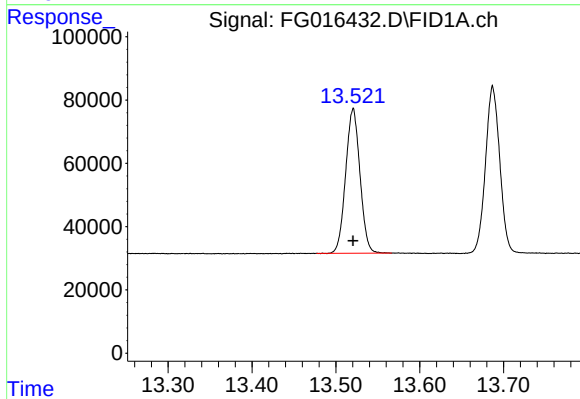
#10 n-Eicosane (C20)

R.T.: 13.071 min
Delta R.T.: 0.000 min
Response: 631371
Conc: 5.41 ug/ml



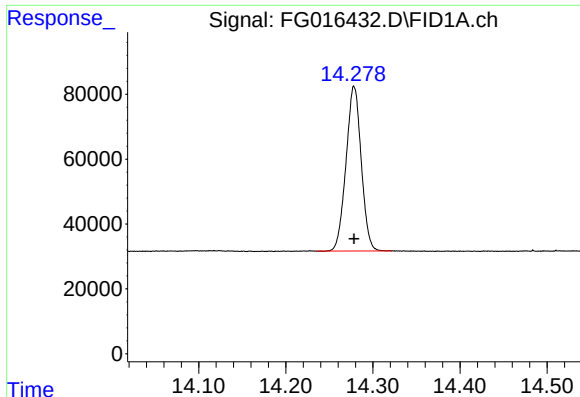
#11 n-Heneicosane (C21)

R.T.: 13.687 min
Delta R.T.: 0.000 min
Response: 622765
Conc: 5.42 ug/ml



#12 1-chlorooctadecane (SURR)

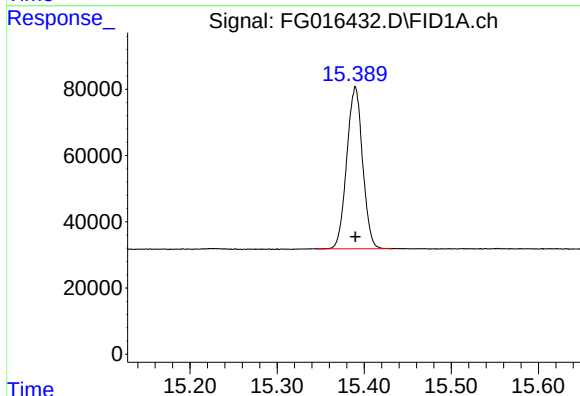
R.T.: 13.521 min
Delta R.T.: 0.000 min
Response: 541931
Conc: 5.38 ug/ml



#13 n-Docosane (C22)

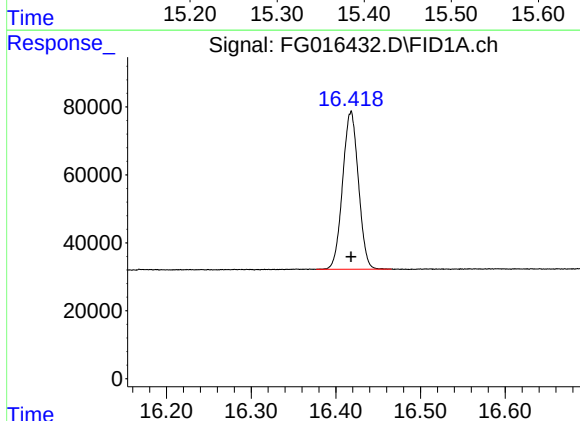
R.T.: 14.278 min
Delta R.T.: 0.000 min
Response: 616913
Conc: 5.40 ug/ml

Instrument :
FID_G
ClientSampleId :
5 PPM ALIPHATIC HC STD5



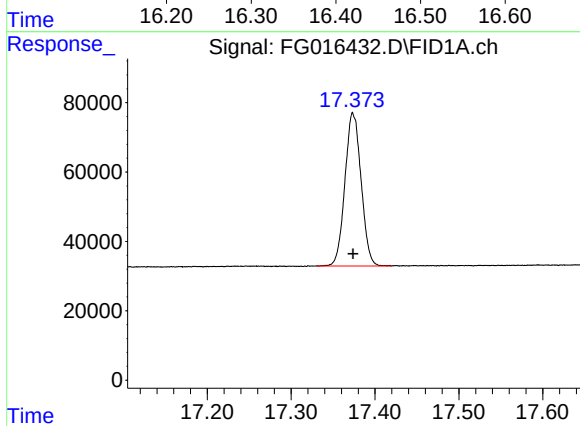
#14 n-Tetracosane (C24)

R.T.: 15.390 min
Delta R.T.: 0.000 min
Response: 617105
Conc: 5.43 ug/ml



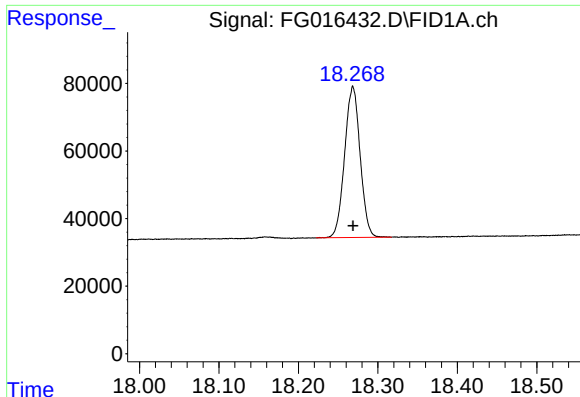
#15 n-Hexacosane (C26)

R.T.: 16.418 min
Delta R.T.: 0.000 min
Response: 601150
Conc: 5.41 ug/ml



#16 n-Octacosane (C28)

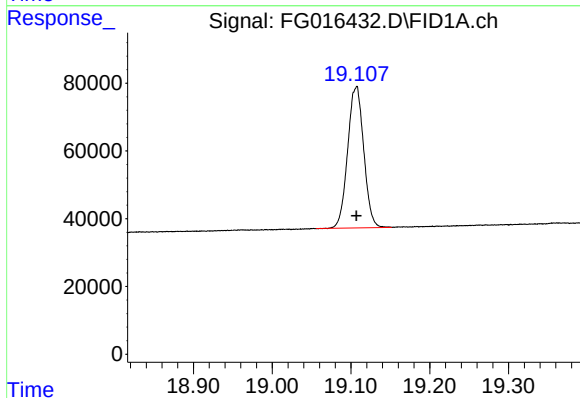
R.T.: 17.374 min
Delta R.T.: 0.000 min
Response: 589630
Conc: 5.45 ug/ml



#17 n-Tricontane (C30)

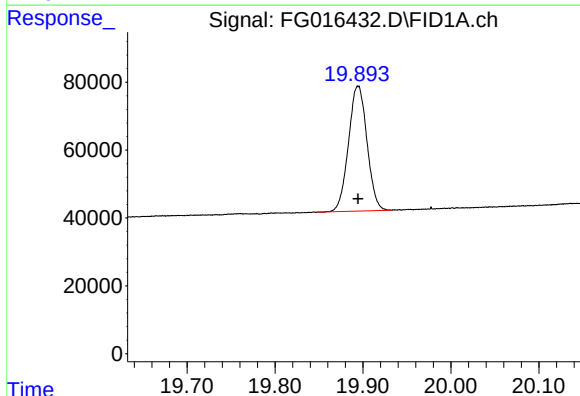
R.T.: 18.269 min
Delta R.T.: 0.000 min
Response: 605824
Conc: 5.55 ug/ml

Instrument :
FID_G
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5 PPM ALIPHATIC HC STD5



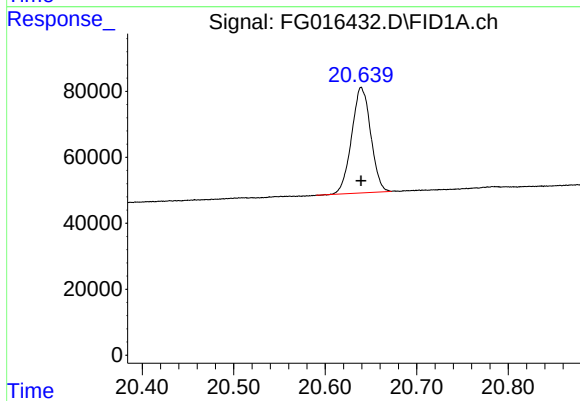
#18 n-Dotriacontane (C32)

R.T.: 19.107 min
Delta R.T.: 0.000 min
Response: 590774
Conc: 5.62 ug/ml



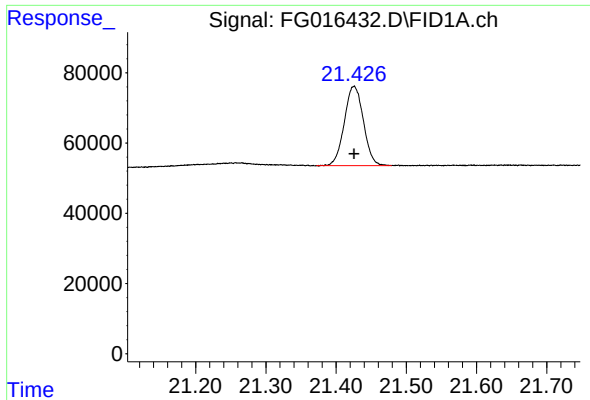
#19 n-Tetratriacontane (C34)

R.T.: 19.894 min
Delta R.T.: 0.000 min
Response: 538538
Conc: 5.61 ug/ml



#20 n-Hexatriacontane (C36)

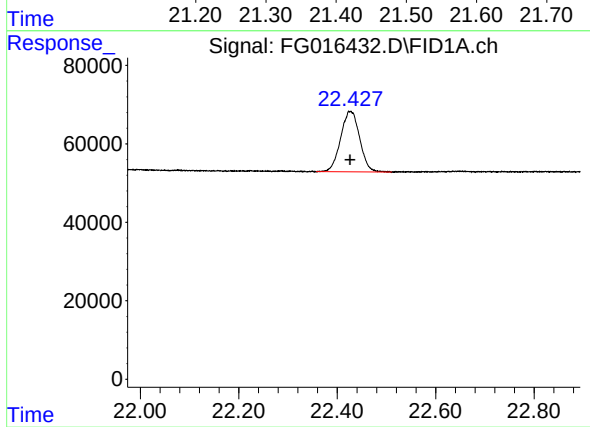
R.T.: 20.639 min
Delta R.T.: 0.000 min
Response: 462523
Conc: 5.53 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.426 min
Delta R.T.: 0.000 min
Response: 426356
Conc: 5.54 ug/ml

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FID_G
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5 PPM ALIPHATIC HC STD5



#22 n-Tetracontane (C40)

R.T.: 22.427 min
Delta R.T.: 0.000 min
Response: 412555
Conc: 5.55 ug/ml