

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG100225AL\
 Data File : FG016756.D
 Signal(s) : FID1A.ch
 Acq On : 03 Oct 2025 01:57
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: Oct 03 03:19:04 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 100225.M
 Quant Title : GC Extractables
 QLast Update : Fri Oct 03 03:11:55 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)	12.046	2945013	18.859 ug/ml
Spiked Amount 50.000		Recovery =	37.72%
12) S 1-chlorooctadecane (S...	13.492	2300572	18.811 ug/ml
Spiked Amount 50.000		Recovery =	37.62%
Target Compounds			
1) T n-Nonane (C9)	3.373	2365260	19.066 ug/ml
2) T n-Decane (C10)	4.633	2412437	19.066 ug/ml
3) T A~Naphthalene (C11.7)	6.350	2552725	19.249 ug/ml
4) T n-Dodecane (C12)	6.813	2435723	19.043 ug/ml
5) T A~2-methylnaphthalene...	7.453	2390142	19.402 ug/ml
6) T n-Tetradecane (C14)	8.653	2420521	19.168 ug/ml
7) T n-Hexadecane (C16)	10.272	2540456	19.062 ug/ml
8) T n-Octadecane (C18)	11.724	2656523	18.886 ug/ml
10) T n-Eicosane (C20)	13.043	2633959	18.732 ug/ml
11) T n-Heneicosane (C21)	13.659	2616274	18.759 ug/ml
13) T n-Docosane (C22)	14.249	2632841	18.531 ug/ml
14) T n-Tetracosane (C24)	15.360	2674385	18.064 ug/ml
15) T n-Hexacosane (C26)	16.388	2661662	17.896 ug/ml
16) T n-Octacosane (C28)	17.344	2602689	17.642 ug/ml
17) T n-Tricontane (C30)	18.237	2595578	17.448 ug/ml
18) T n-Dotriacontane (C32)	19.074	2433502	17.167 ug/ml
19) T n-Tetratriacontane (C34)	19.862	2184216	17.593 ug/ml
20) T n-Hexatriacontane (C36)	20.606	1863830	18.081 ug/ml
21) T n-Octatriacontane (C38)	21.382	1660249	18.241 ug/ml
22) T n-Tetracontane (C40)	22.368	1522294	18.136 ug/ml

(f)=RT Delta > 1/2 Window

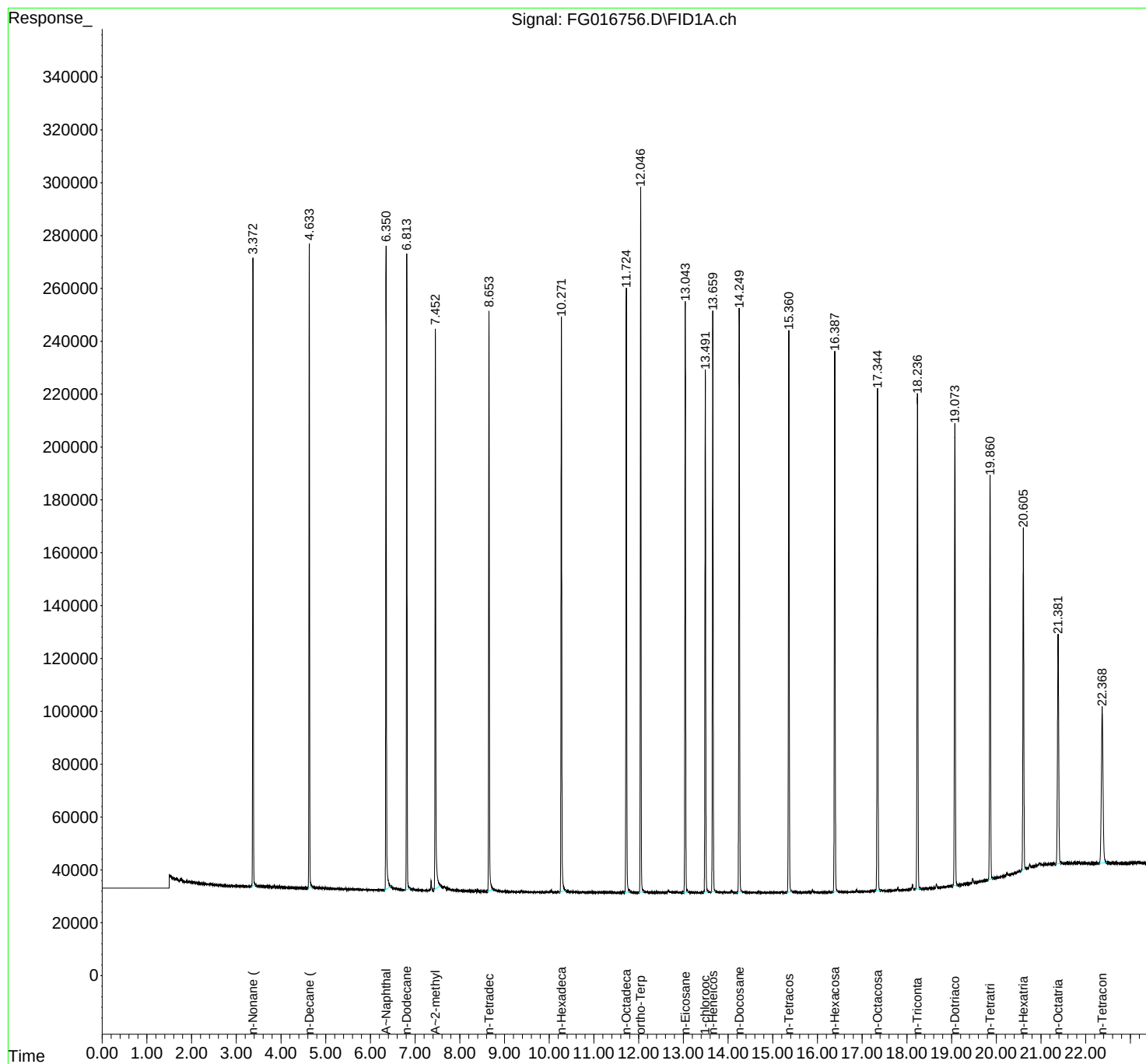
(m)=manual int.

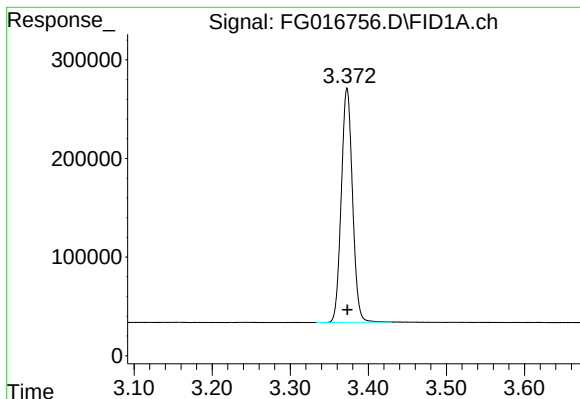
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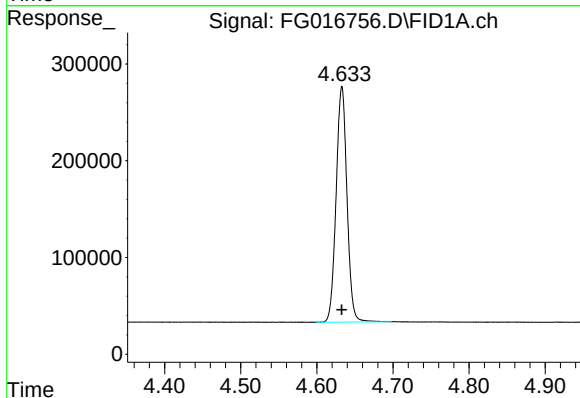




#1 n-Nonane (C9)

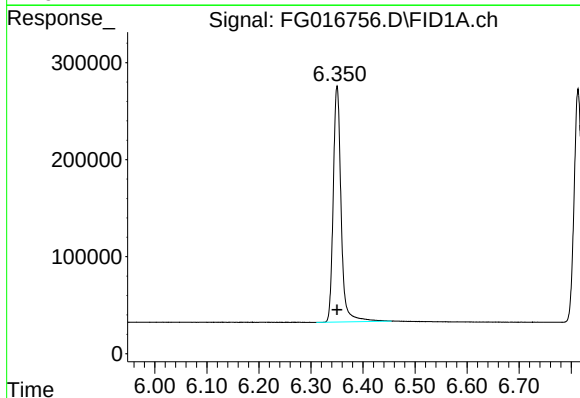
R.T.: 3.373 min
Delta R.T.: 0.000 min
Response: 2365260
Conc: 19.07 ug/ml

Instrument :
FID_G
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20 PPM ALIPHATIC HC STD



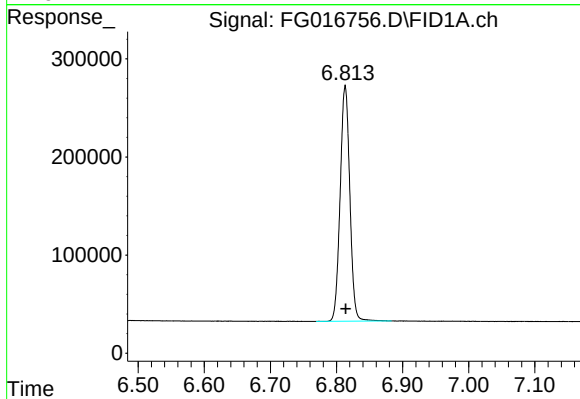
#2 n-Decane (C10)

R.T.: 4.633 min
Delta R.T.: 0.000 min
Response: 2412437
Conc: 19.07 ug/ml



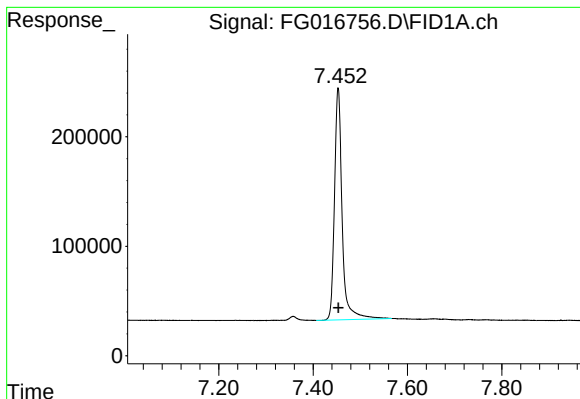
#3 A~Naphthalene (C11.7)

R.T.: 6.350 min
Delta R.T.: 0.000 min
Response: 2552725
Conc: 19.25 ug/ml



#4 n-Dodecane (C12)

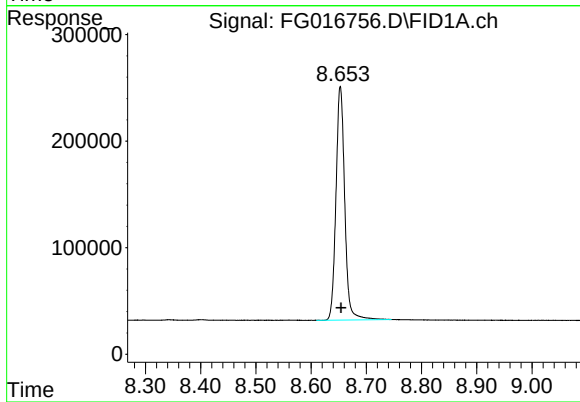
R.T.: 6.813 min
Delta R.T.: -0.001 min
Response: 2435723
Conc: 19.04 ug/ml



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

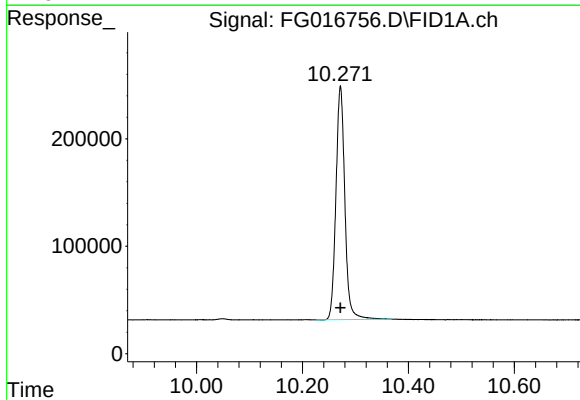
R.T.: 7.453 min
Delta R.T.: 0.000 min
Response: 2390142
Conc: 19.40 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



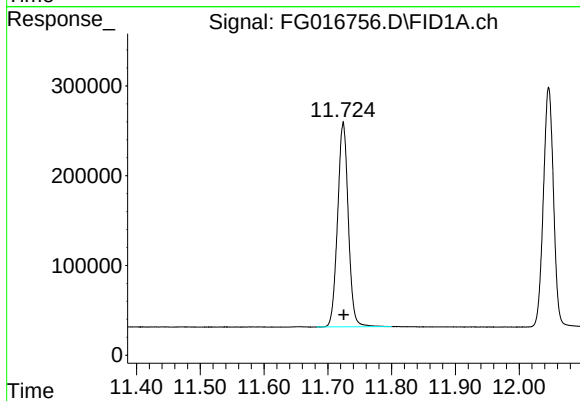
#6 n-Tetradecane (C14)

R.T.: 8.653 min
Delta R.T.: -0.001 min
Response: 2420521
Conc: 19.17 ug/ml



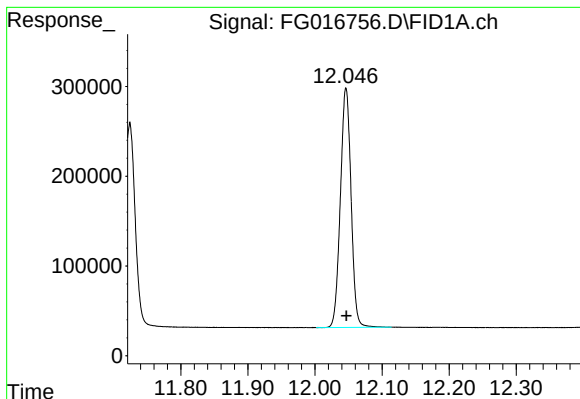
#7 n-Hexadecane (C16)

R.T.: 10.272 min
Delta R.T.: 0.000 min
Response: 2540456
Conc: 19.06 ug/ml



#8 n-Octadecane (C18)

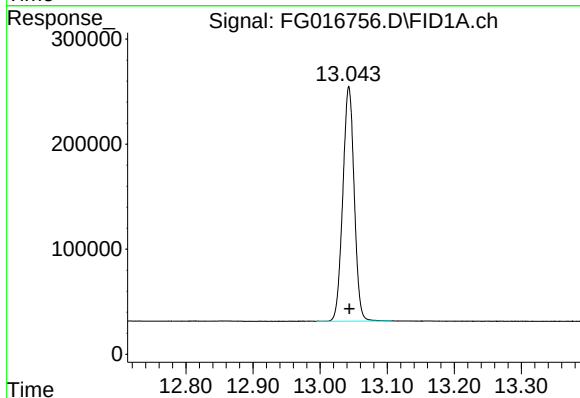
R.T.: 11.724 min
Delta R.T.: 0.000 min
Response: 2656523
Conc: 18.89 ug/ml



#9 ortho-Terphenyl (SURR)

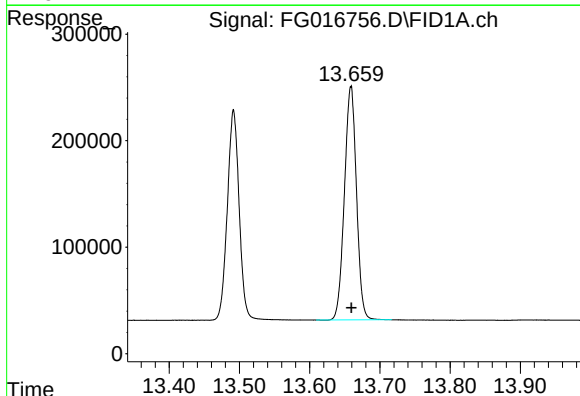
R.T.: 12.046 min
Delta R.T.: 0.000 min
Response: 2945013
Conc: 18.86 ug/ml

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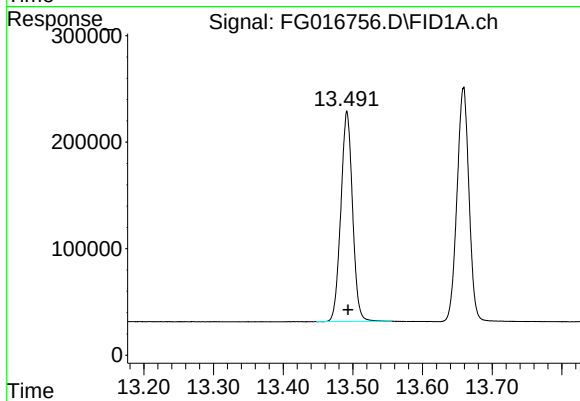
#10 n-Eicosane (C20)

R.T.: 13.043 min
Delta R.T.: 0.000 min
Response: 2633959
Conc: 18.73 ug/ml



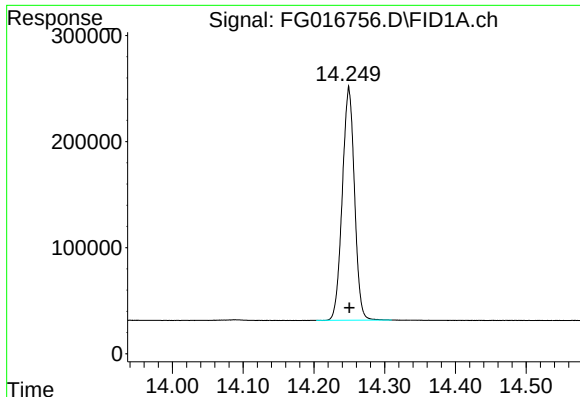
#11 n-Heneicosane (C21)

R.T.: 13.659 min
Delta R.T.: 0.000 min
Response: 2616274
Conc: 18.76 ug/ml



#12 1-chlorooctadecane (SURR)

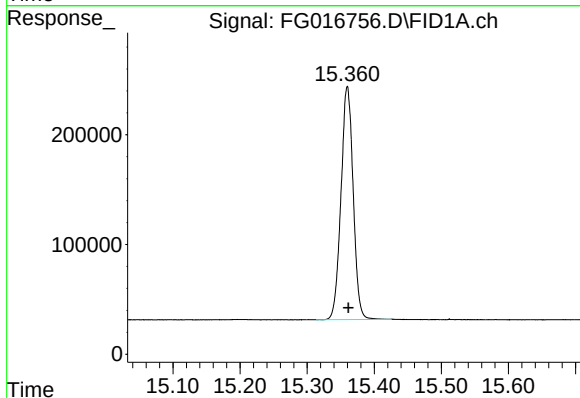
R.T.: 13.492 min
Delta R.T.: -0.001 min
Response: 2300572
Conc: 18.81 ug/ml



#13 n-Docosane (C22)

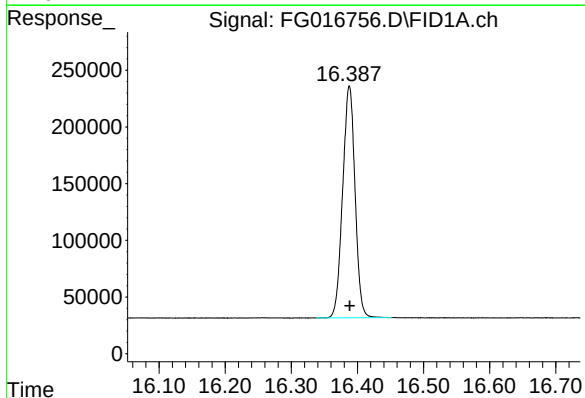
R.T.: 14.249 min
Delta R.T.: 0.000 min
Response: 2632841
Conc: 18.53 ug/ml

Instrument :
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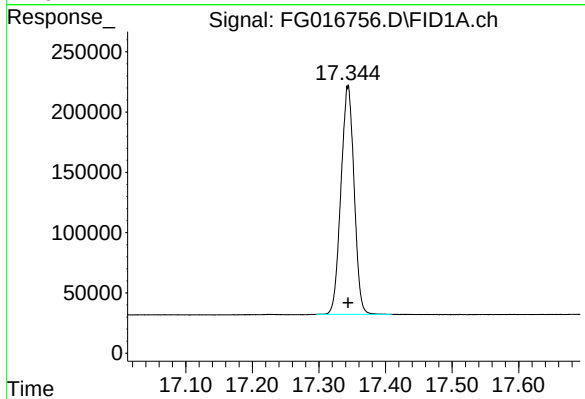
#14 n-Tetracosane (C24)

R.T.: 15.360 min
Delta R.T.: -0.002 min
Response: 2674385
Conc: 18.06 ug/ml



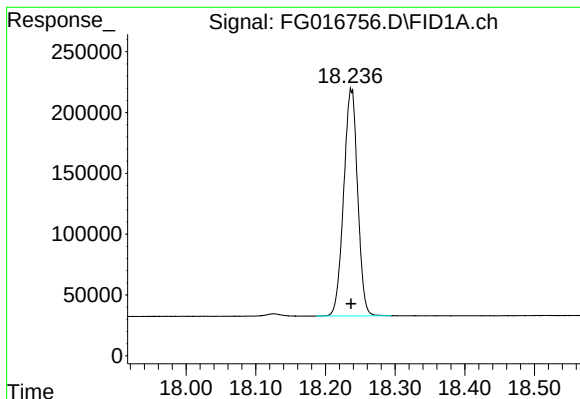
#15 n-Hexacosane (C26)

R.T.: 16.388 min
Delta R.T.: 0.000 min
Response: 2661662
Conc: 17.90 ug/ml



#16 n-Octacosane (C28)

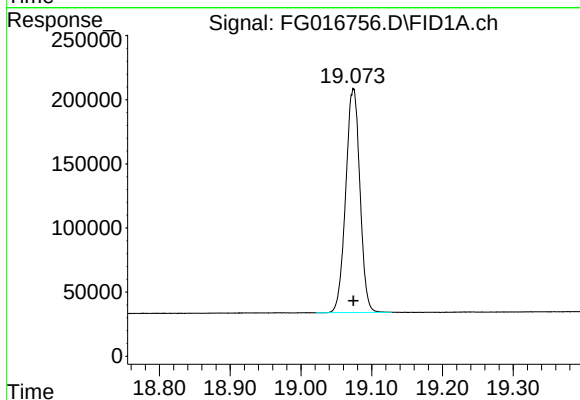
R.T.: 17.344 min
Delta R.T.: 0.000 min
Response: 2602689
Conc: 17.64 ug/ml



#17 n-Tricontane (C30)

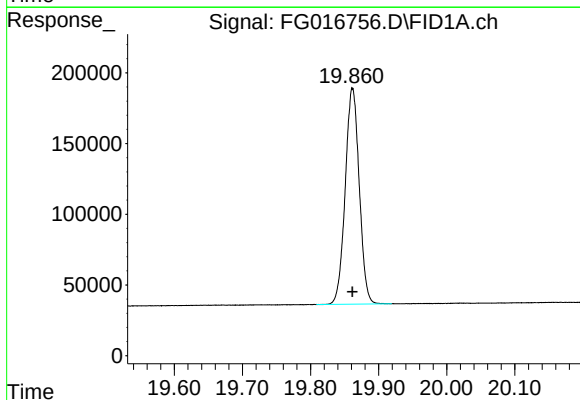
R.T.: 18.237 min
Delta R.T.: 0.000 min
Response: 2595578
Conc: 17.45 ug/ml

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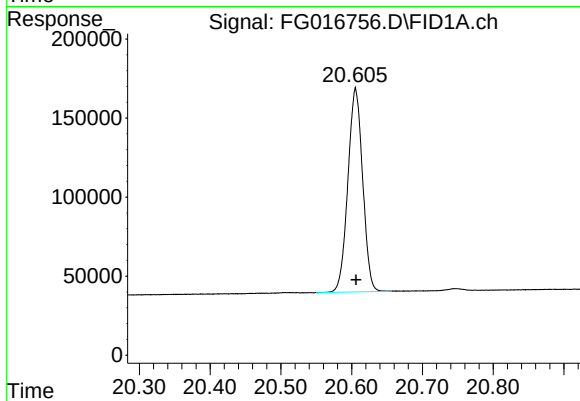
#18 n-Dotriacontane (C32)

R.T.: 19.074 min
Delta R.T.: 0.000 min
Response: 2433502
Conc: 17.17 ug/ml



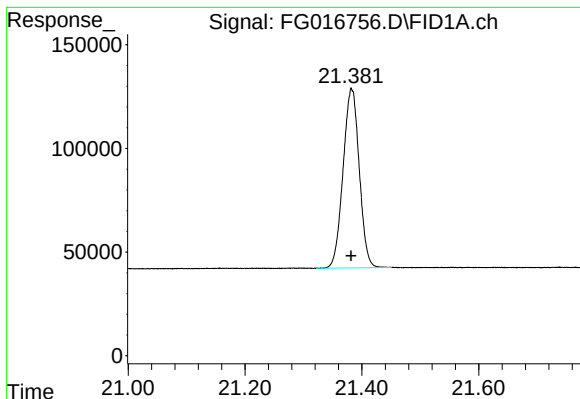
#19 n-Tetratriacontane (C34)

R.T.: 19.862 min
Delta R.T.: 0.000 min
Response: 2184216
Conc: 17.59 ug/ml



#20 n-Hexatriacontane (C36)

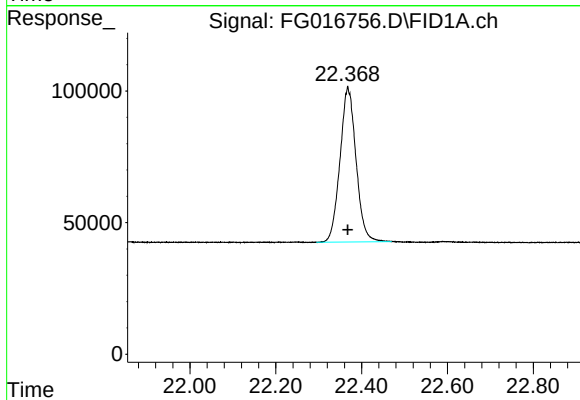
R.T.: 20.606 min
Delta R.T.: 0.000 min
Response: 1863830
Conc: 18.08 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.382 min
Delta R.T.: 0.000 min
Response: 1660249
Conc: 18.24 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.368 min
Delta R.T.: 0.000 min
Response: 1522294
Conc: 18.14 ug/ml