

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG101625AL\
 Data File : FG016782.D
 Signal(s) : FID1A.ch
 Acq On : 16 Oct 2025 12:13
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: Oct 17 01:24:25 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)	12.050	2831029	18.129 ug/ml
Spiked Amount 50.000		Recovery =	36.26%
12) S 1-chlorooctadecane (S...	13.497	2085335	17.051 ug/ml
Spiked Amount 50.000		Recovery =	34.10%
Target Compounds			
1) T n-Nonane (C9)	3.373	2303545	18.568 ug/ml
2) T n-Decane (C10)	4.633	2370661	18.736 ug/ml
3) T A~Naphthalene (C11.7)	6.352	2435696	18.366 ug/ml
4) T n-Dodecane (C12)	6.815	2399279	18.758 ug/ml
5) T A~2-methylnaphthalene...	7.455	2270357	18.430 ug/ml
6) T n-Tetradecane (C14)	8.655	2382310	18.866 ug/ml
7) T n-Hexadecane (C16)	10.273	2494380	18.716 ug/ml
8) T n-Octadecane (C18)	11.727	2624437	18.658 ug/ml
10) T n-Eicosane (C20)	13.047	2574381	18.309 ug/ml
11) T n-Heneicosane (C21)	13.664	2536058	18.183 ug/ml
13) T n-Docosane (C22)	14.254	2558874	18.010 ug/ml
14) T n-Tetracosane (C24)	15.365	2634020	17.791 ug/ml
15) T n-Hexacosane (C26)	16.395	2574040	17.306 ug/ml
16) T n-Octacosane (C28)	17.350	2556815	17.331 ug/ml
17) T n-Tricontane (C30)	18.243	2686531	18.059 ug/ml
18) T n-Dotriacontane (C32)	19.081	2689001	18.969 ug/ml
19) T n-Tetratriacontane (C34)	19.871	2337559	18.828 ug/ml
20) T n-Hexatriacontane (C36)	20.615	1848758	17.935 ug/ml
21) T n-Octatriacontane (C38)	21.395	1526901	16.776 ug/ml
22) T n-Tetracontane (C40)	22.384	1277111	15.215 ug/ml

(f)=RT Delta > 1/2 Window

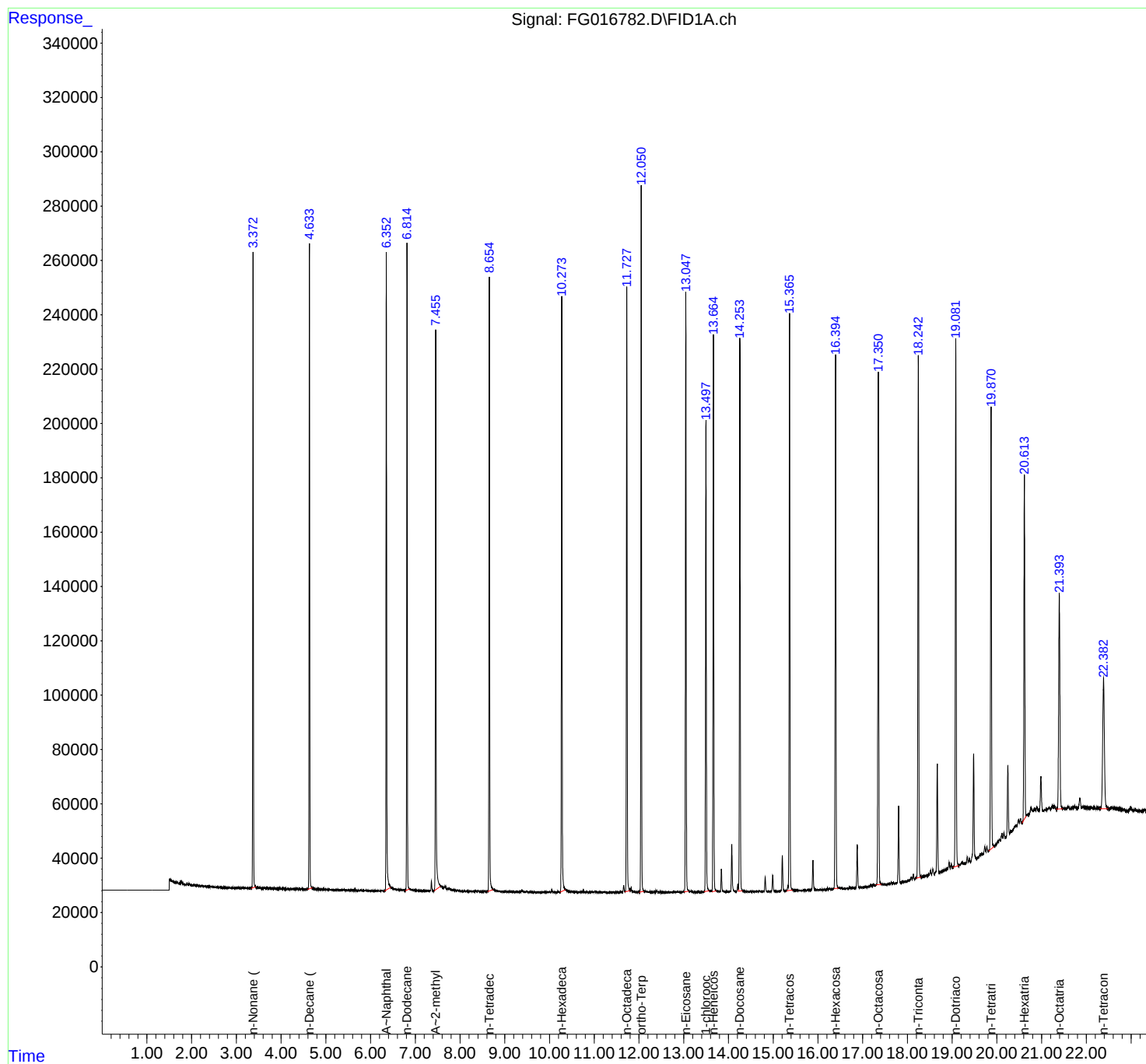
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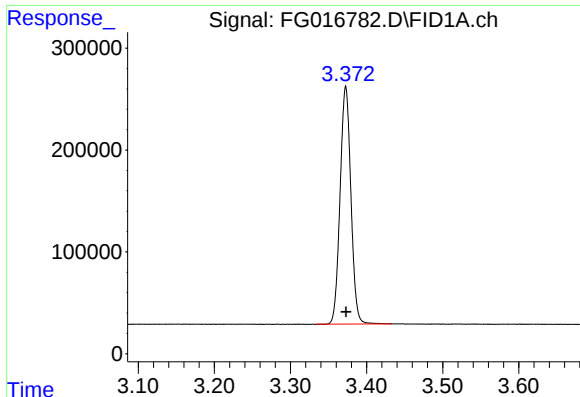
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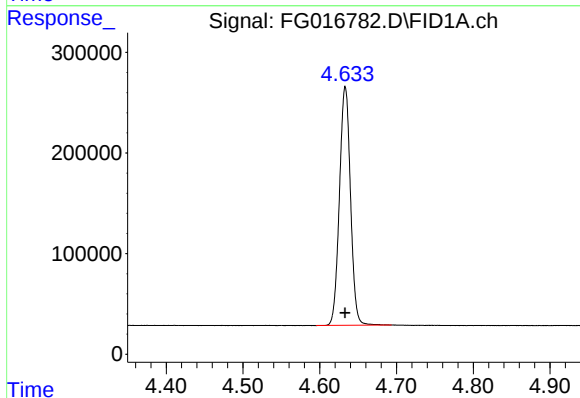




#1 n-Nonane (C9)

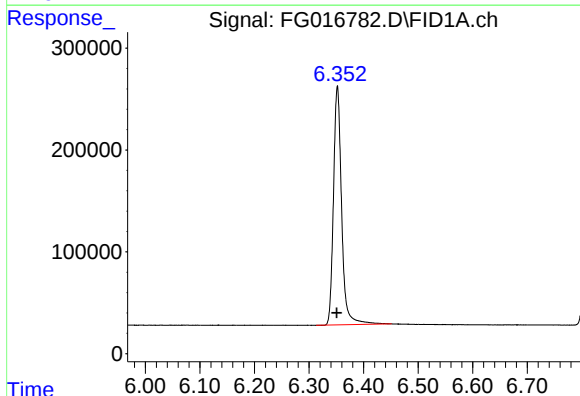
R.T.: 3.373 min
Delta R.T.: 0.000 min
Response: 2303545
Conc: 18.57 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



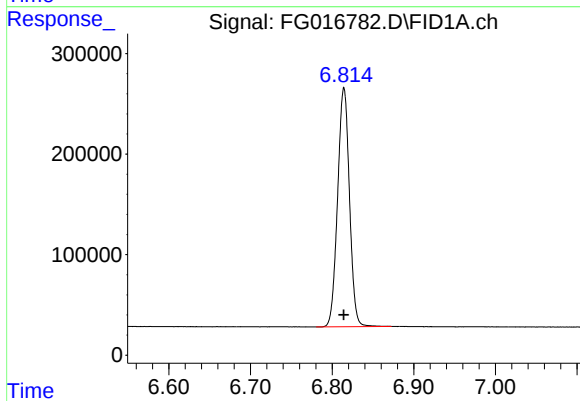
#2 n-Decane (C10)

R.T.: 4.633 min
Delta R.T.: 0.000 min
Response: 2370661
Conc: 18.74 ug/ml



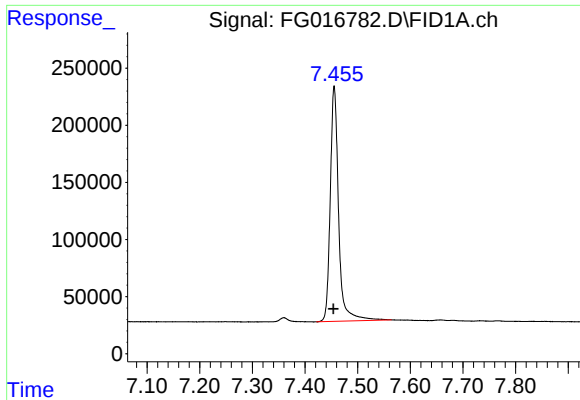
#3 A~Naphthalene (C11.7)

R.T.: 6.352 min
Delta R.T.: 0.001 min
Response: 2435696
Conc: 18.37 ug/ml



#4 n-Dodecane (C12)

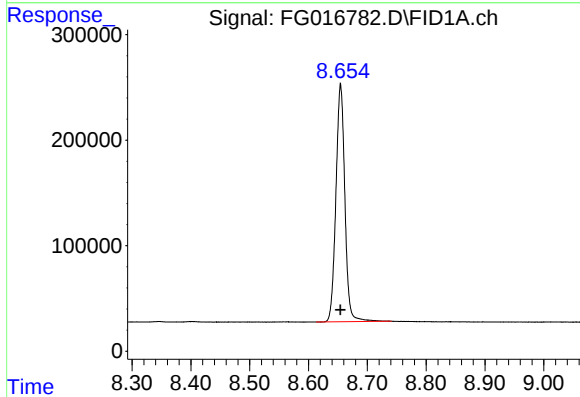
R.T.: 6.815 min
Delta R.T.: 0.000 min
Response: 2399279
Conc: 18.76 ug/ml



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

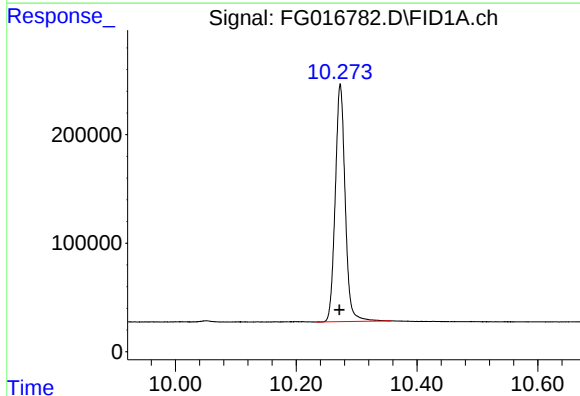
R.T.: 7.455 min
Delta R.T.: 0.002 min
Response: 2270357
Conc: 18.43 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



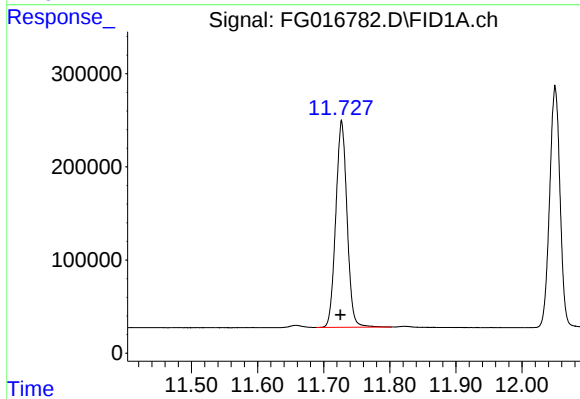
#6 n-Tetradecane (C14)

R.T.: 8.655 min
Delta R.T.: 0.000 min
Response: 2382310
Conc: 18.87 ug/ml



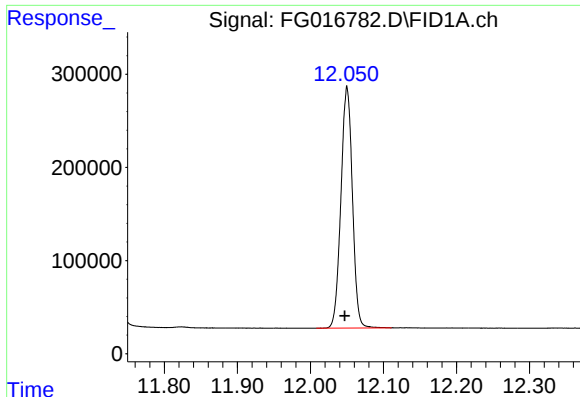
#7 n-Hexadecane (C16)

R.T.: 10.273 min
Delta R.T.: 0.001 min
Response: 2494380
Conc: 18.72 ug/ml



#8 n-Octadecane (C18)

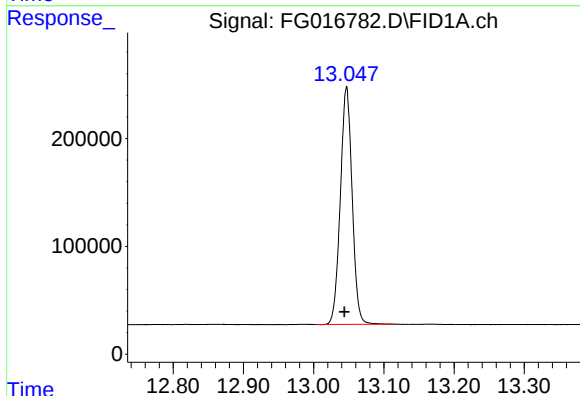
R.T.: 11.727 min
Delta R.T.: 0.002 min
Response: 2624437
Conc: 18.66 ug/ml



#9 ortho-Terphenyl (SURR)

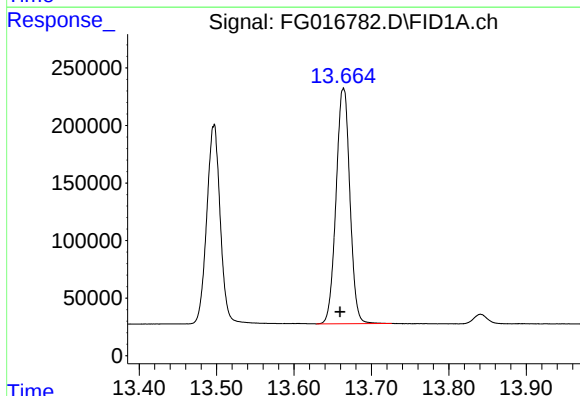
R.T.: 12.050 min
Delta R.T.: 0.003 min
Response: 2831029
Conc: 18.13 ug/ml

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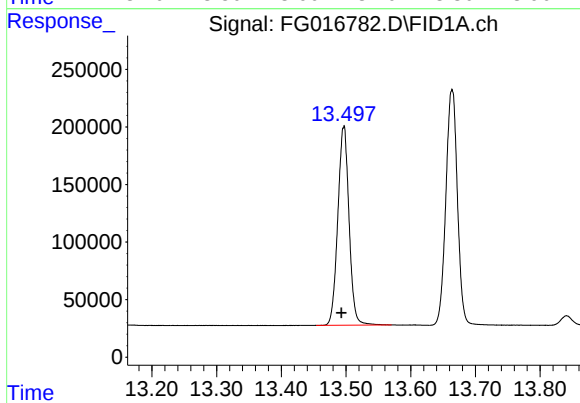
#10 n-Eicosane (C20)

R.T.: 13.047 min
Delta R.T.: 0.003 min
Response: 2574381
Conc: 18.31 ug/ml



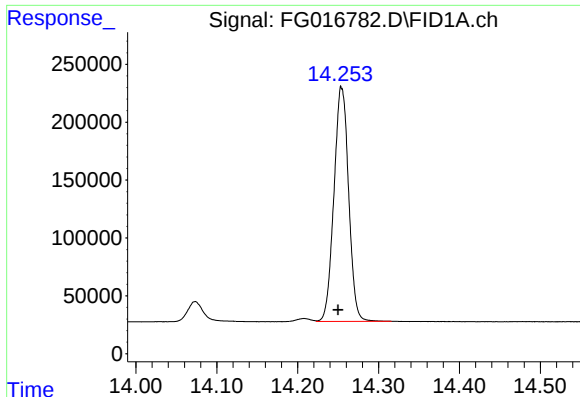
#11 n-Heneicosane (C21)

R.T.: 13.664 min
Delta R.T.: 0.004 min
Response: 2536058
Conc: 18.18 ug/ml



#12 1-chlorooctadecane (SURR)

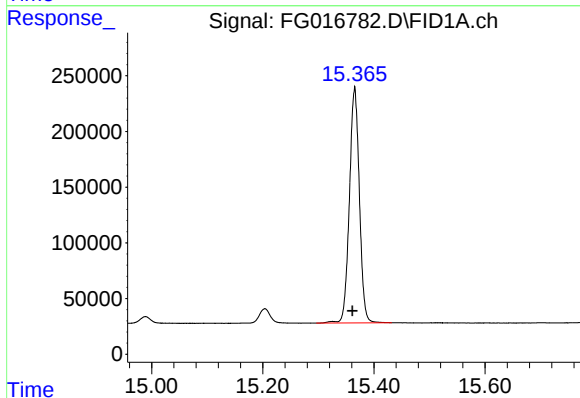
R.T.: 13.497 min
Delta R.T.: 0.004 min
Response: 2085335
Conc: 17.05 ug/ml



#13 n-Docosane (C22)

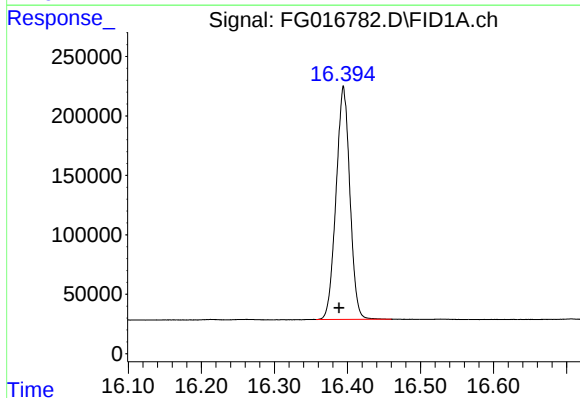
R.T.: 14.254 min
Delta R.T.: 0.004 min
Response: 2558874
Conc: 18.01 ug/ml

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20 PPM ALIPHATIC HC STD



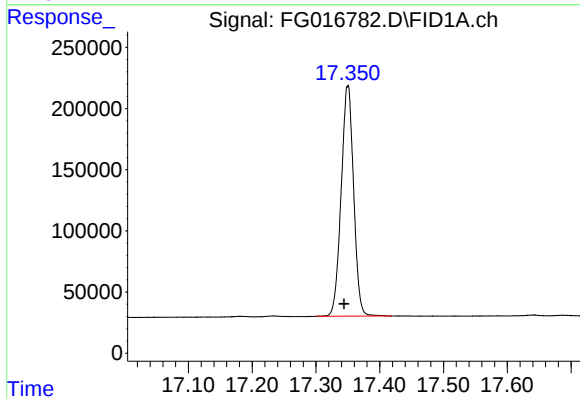
#14 n-Tetracosane (C24)

R.T.: 15.365 min
Delta R.T.: 0.004 min
Response: 2634020
Conc: 17.79 ug/ml



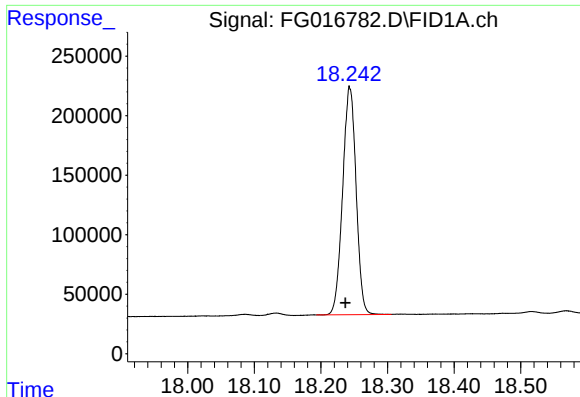
#15 n-Hexacosane (C26)

R.T.: 16.395 min
Delta R.T.: 0.006 min
Response: 2574040
Conc: 17.31 ug/ml



#16 n-Octacosane (C28)

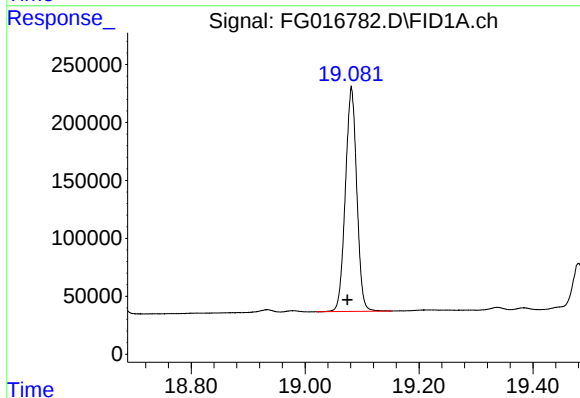
R.T.: 17.350 min
Delta R.T.: 0.006 min
Response: 2556815
Conc: 17.33 ug/ml



#17 n-Tricontane (C30)

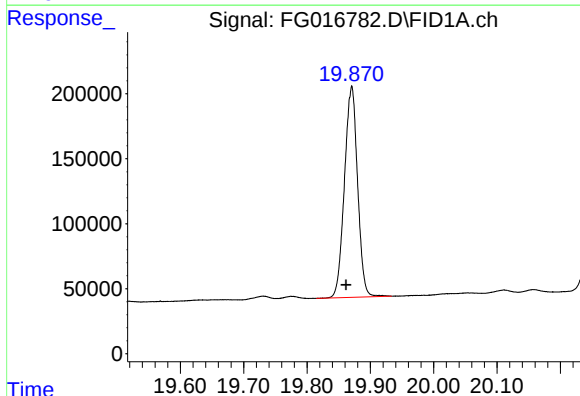
R.T.: 18.243 min
Delta R.T.: 0.006 min
Response: 2686531
Conc: 18.06 ug/ml

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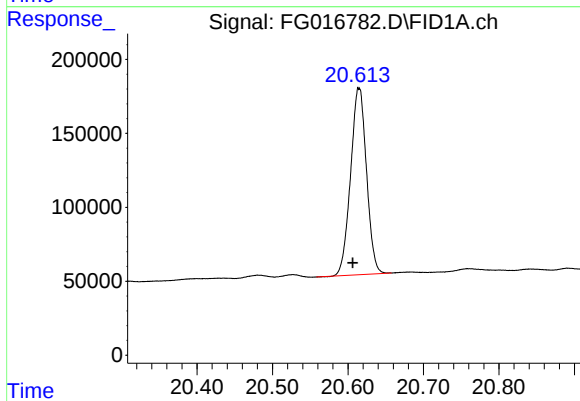
#18 n-Dotriacontane (C32)

R.T.: 19.081 min
Delta R.T.: 0.007 min
Response: 2689001
Conc: 18.97 ug/ml



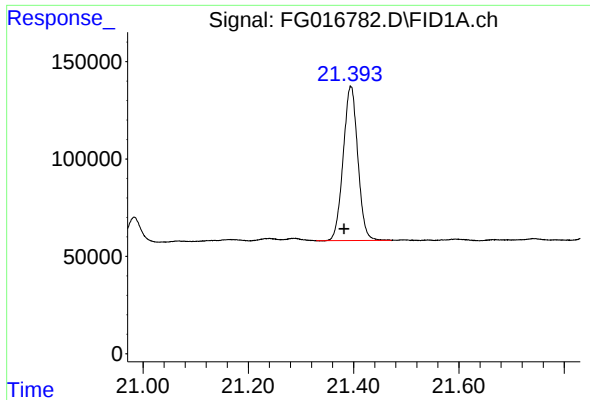
#19 n-Tetratriacontane (C34)

R.T.: 19.871 min
Delta R.T.: 0.009 min
Response: 2337559
Conc: 18.83 ug/ml



#20 n-Hexatriacontane (C36)

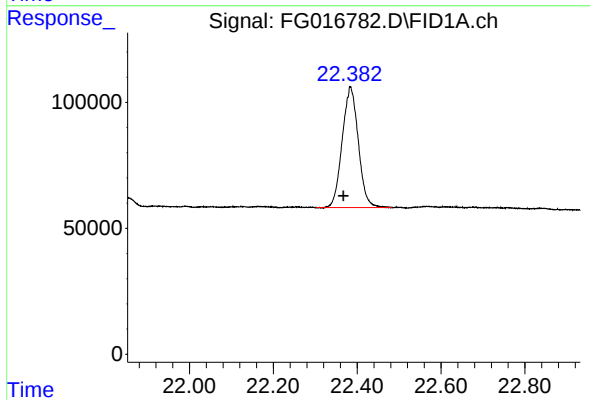
R.T.: 20.615 min
Delta R.T.: 0.009 min
Response: 1848758
Conc: 17.93 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.395 min
Delta R.T.: 0.013 min
Response: 1526901
Conc: 16.78 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.384 min
Delta R.T.: 0.016 min
Response: 1277111
Conc: 15.21 ug/ml