

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG060625AL\
 Data File : FG015961.D
 Signal(s) : FID1A.ch
 Acq On : 06 Jun 2025 12:31
 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: Jun 06 13:03:39 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 051225.M
 Quant Title : GC Extractables
 QLast Update : Mon May 12 12:44:43 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)	11.873	3089218	20.749 ug/ml
Spiked Amount 50.000		Recovery =	41.50%
12) S 1-chlorooctadecane (S...	13.318	2379839	20.658 ug/ml
Spiked Amount 50.000		Recovery =	41.32%
Target Compounds			
1) T n-Nonane (C9)	3.219	2301788	20.516 ug/ml
2) T n-Decane (C10)	4.480	2372760	20.972 ug/ml
3) T A~Naphthalene (C11.7)	6.195	2482605	21.235 ug/ml
4) T n-Dodecane (C12)	6.661	2472691	21.459 ug/ml
5) T A~2-methylnaphthalene...	7.297	2420957	21.196 ug/ml
6) T n-Tetradecane (C14)	8.497	2494850	21.660 ug/ml
7) T n-Hexadecane (C16)	10.110	2549143	21.554 ug/ml
8) T n-Octadecane (C18)	11.558	2590114	21.308 ug/ml
10) T n-Eicosane (C20)	12.871	2589029	21.126 ug/ml
11) T n-Heneicosane (C21)	13.485	2557016	20.876 ug/ml
13) T n-Docosane (C22)	14.073	2543337	20.875 ug/ml
14) T n-Tetracosane (C24)	15.179	2530449	20.891 ug/ml
15) T n-Hexacosane (C26)	16.202	2462538	20.571 ug/ml
16) T n-Octacosane (C28)	17.155	2432462	20.630 ug/ml
17) T n-Tricontane (C30)	18.044	2492335	20.975 ug/ml
18) T n-Dotriacontane (C32)	18.879	2510512	21.254 ug/ml
19) T n-Tetratriacontane (C34)	19.663	2345356	21.003 ug/ml
20) T n-Hexatriacontane (C36)	20.404	2263211	20.929 ug/ml
21) T n-Octatriacontane (C38)	21.139	2178454	20.972 ug/ml
22) T n-Tetracontane (C40)	22.051	2197235	21.546 ug/ml

(f)=RT Delta > 1/2 Window

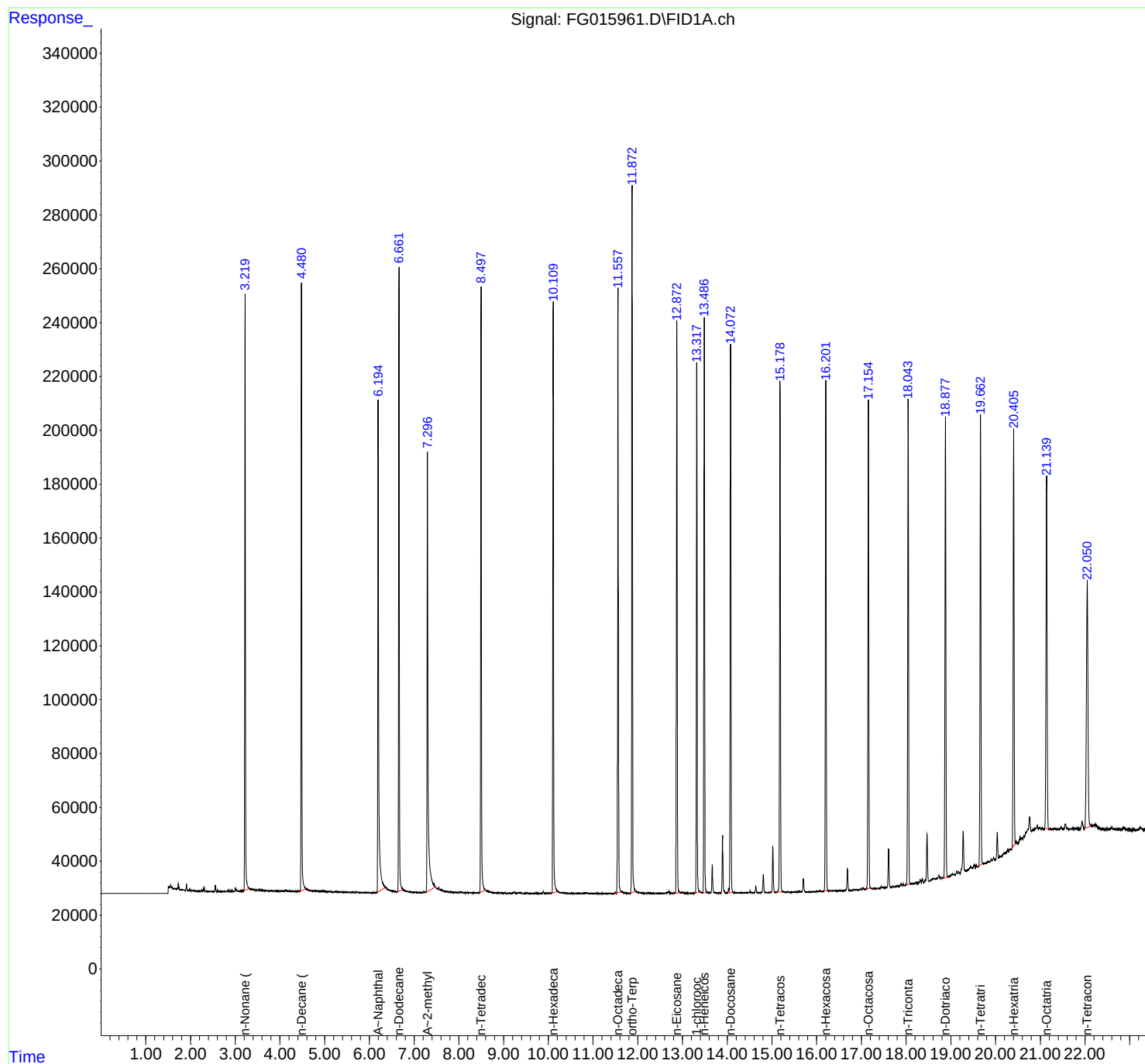
(m)=manual int.

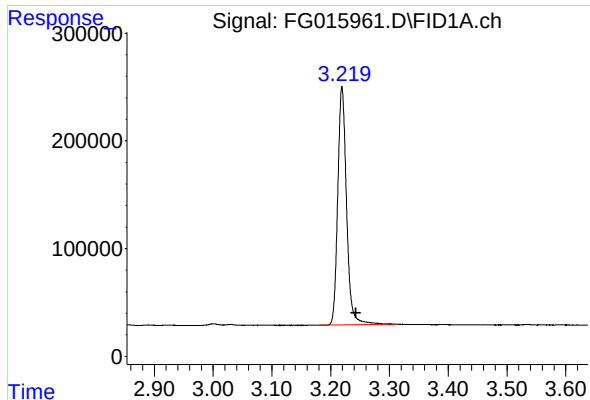
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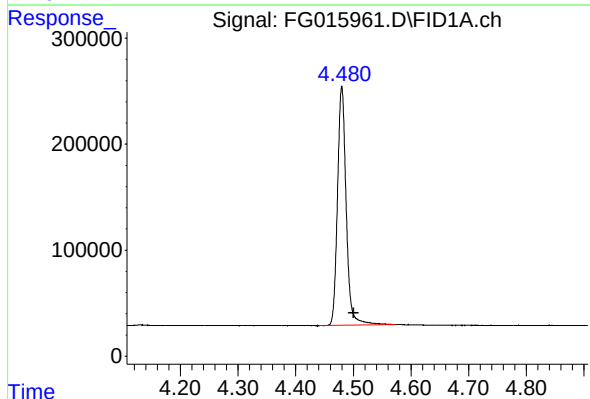




#1 n-Nonane (C9)

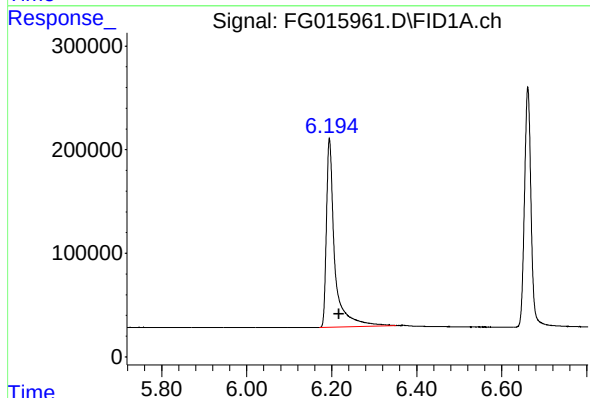
R.T.: 3.219 min
Delta R.T.: -0.024 min
Response: 2301788
Conc: 20.52 ug/ml

Instrument :
FID_G
ClientSampleId :
20 PPM ALIPHATIC HC STD



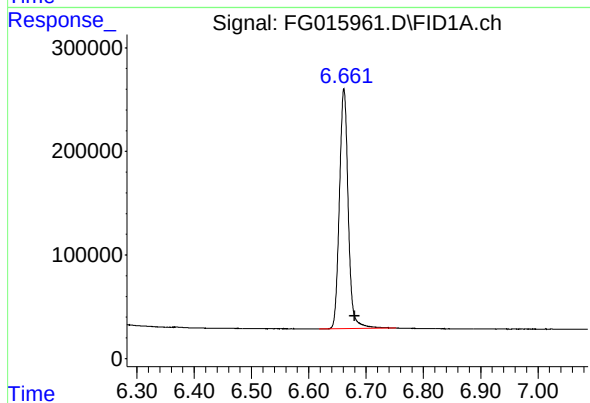
#2 n-Decane (C10)

R.T.: 4.480 min
Delta R.T.: -0.020 min
Response: 2372760
Conc: 20.97 ug/ml



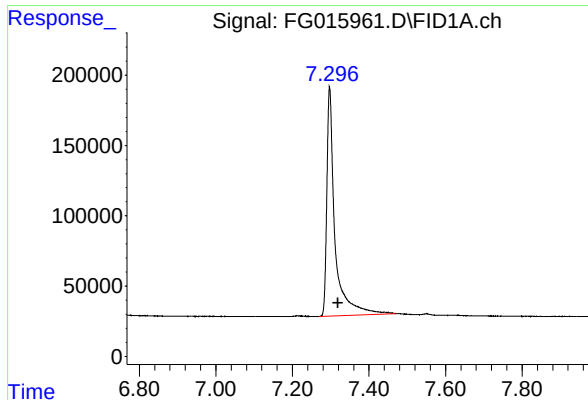
#3 A~Naphthalene (C11.7)

R.T.: 6.195 min
Delta R.T.: -0.022 min
Response: 2482605
Conc: 21.24 ug/ml



#4 n-Dodecane (C12)

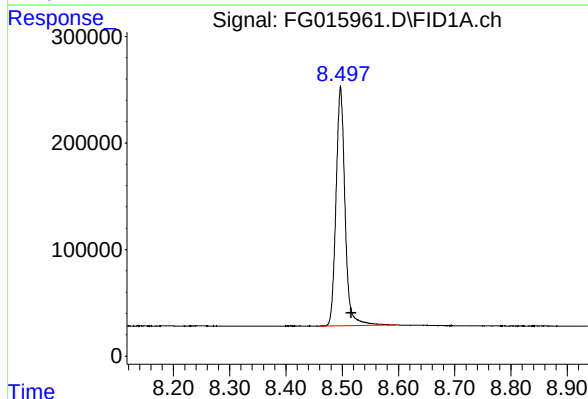
R.T.: 6.661 min
Delta R.T.: -0.019 min
Response: 2472691
Conc: 21.46 ug/ml



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

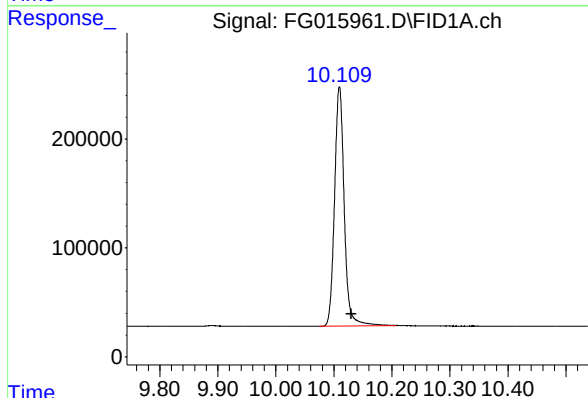
R.T.: 7.297 min
Delta R.T.: -0.022 min
Response: 2420957
Conc: 21.20 ug/ml

Instrument :
FID_G
ClientSampleId :
20 PPM ALIPHATIC HC STD



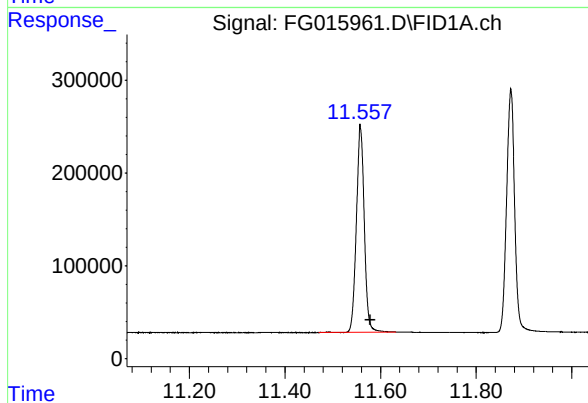
#6 n-Tetradecane (C14)

R.T.: 8.497 min
Delta R.T.: -0.019 min
Response: 2494850
Conc: 21.66 ug/ml



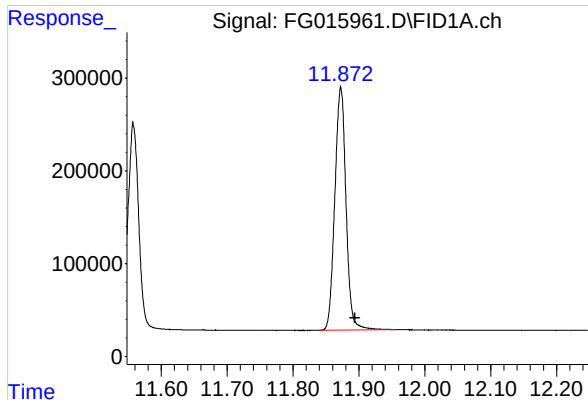
#7 n-Hexadecane (C16)

R.T.: 10.110 min
Delta R.T.: -0.021 min
Response: 2549143
Conc: 21.55 ug/ml



#8 n-Octadecane (C18)

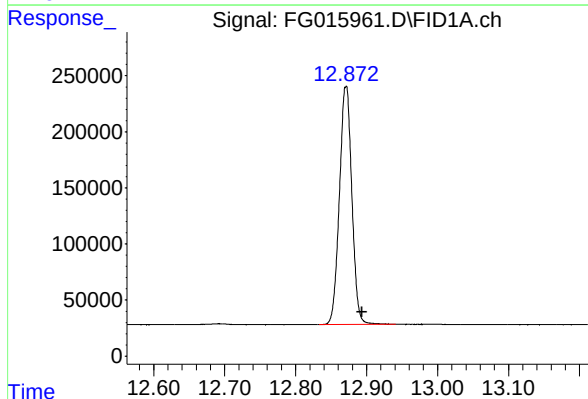
R.T.: 11.558 min
Delta R.T.: -0.021 min
Response: 2590114
Conc: 21.31 ug/ml



#9 ortho-Terphenyl (SURR)

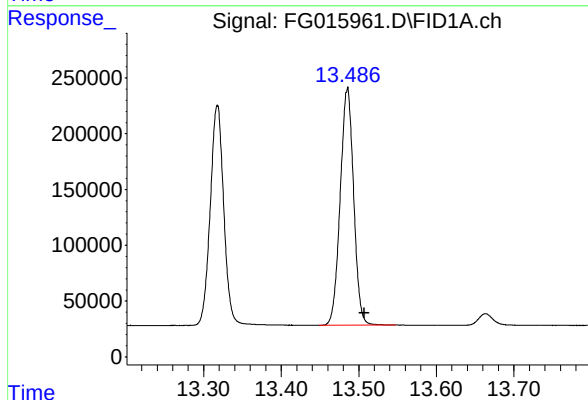
R.T.: 11.873 min
Delta R.T.: -0.021 min
Response: 3089218
Conc: 20.75 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



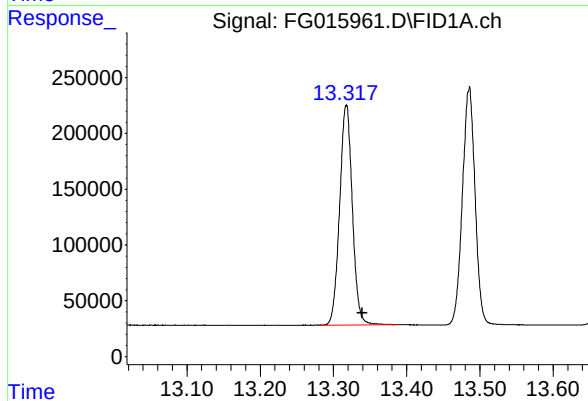
#10 n-Eicosane (C20)

R.T.: 12.871 min
Delta R.T.: -0.022 min
Response: 2589029
Conc: 21.13 ug/ml



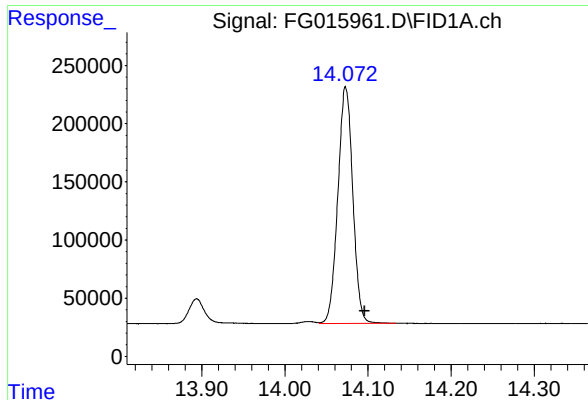
#11 n-Heneicosane (C21)

R.T.: 13.485 min
Delta R.T.: -0.022 min
Response: 2557016
Conc: 20.88 ug/ml



#12 1-chlorooctadecane (SURR)

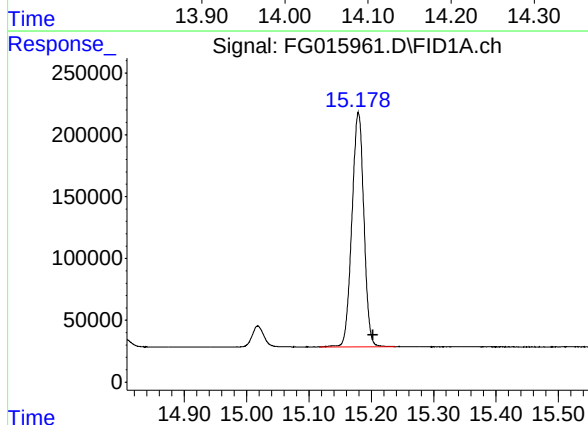
R.T.: 13.318 min
Delta R.T.: -0.022 min
Response: 2379839
Conc: 20.66 ug/ml



#13 n-Docosane (C22)

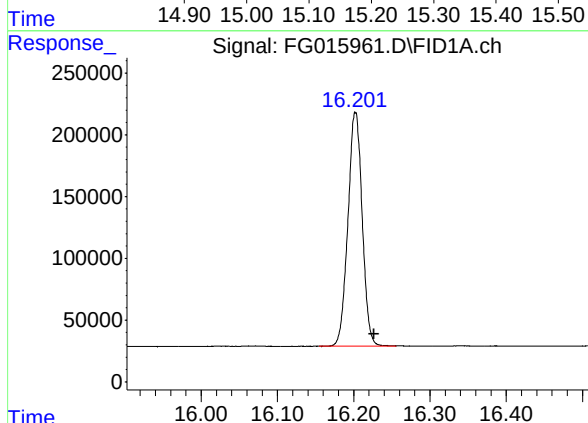
R.T.: 14.073 min
Delta R.T.: -0.023 min
Response: 2543337
Conc: 20.88 ug/ml

Instrument :
FID_G
ClientSampleId :
20 PPM ALIPHATIC HC STD



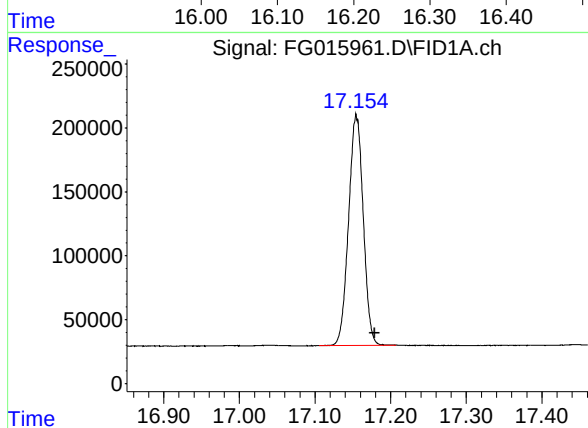
#14 n-Tetracosane (C24)

R.T.: 15.179 min
Delta R.T.: -0.023 min
Response: 2530449
Conc: 20.89 ug/ml



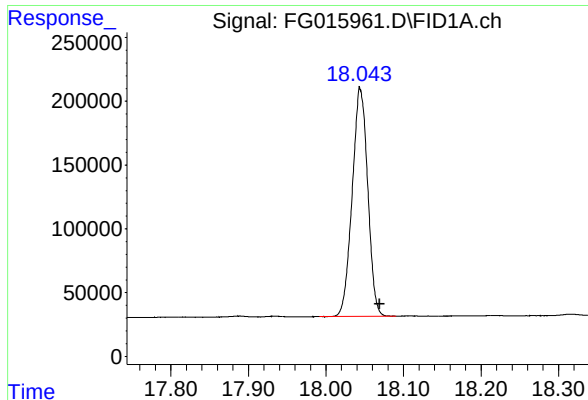
#15 n-Hexacosane (C26)

R.T.: 16.202 min
Delta R.T.: -0.024 min
Response: 2462538
Conc: 20.57 ug/ml



#16 n-Octacosane (C28)

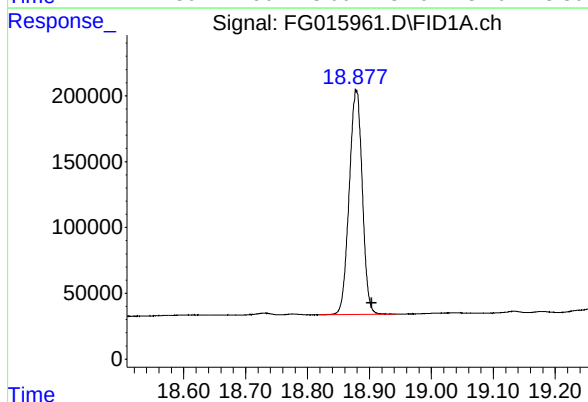
R.T.: 17.155 min
Delta R.T.: -0.025 min
Response: 2432462
Conc: 20.63 ug/ml



#17 n-Tricontane (C30)

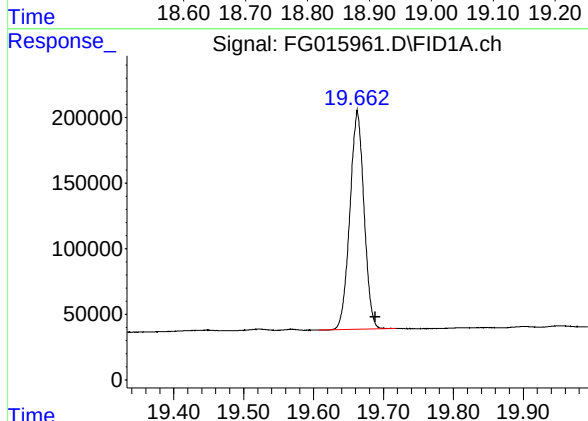
R.T.: 18.044 min
Delta R.T.: -0.025 min
Response: 2492335
Conc: 20.97 ug/ml

Instrument :
FID_G
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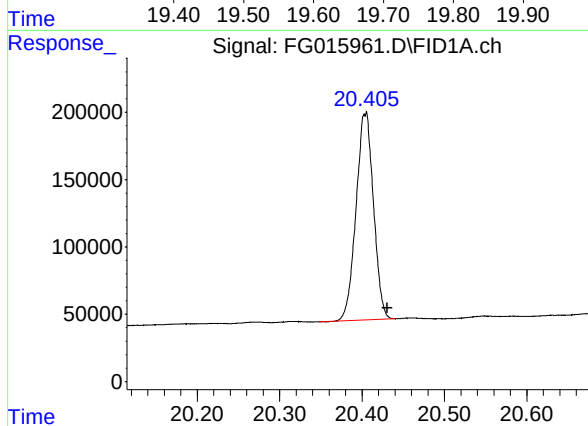
#18 n-Dotriacontane (C32)

R.T.: 18.879 min
Delta R.T.: -0.024 min
Response: 2510512
Conc: 21.25 ug/ml



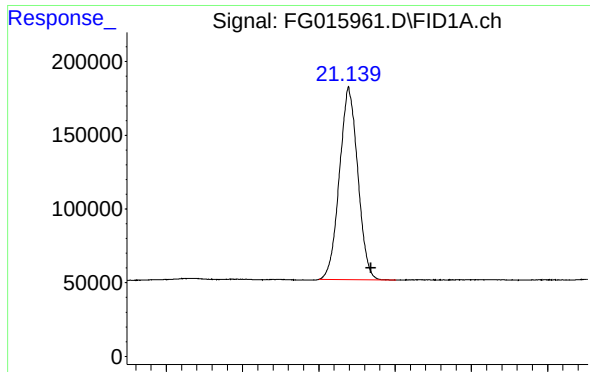
#19 n-Tetatriacontane (C34)

R.T.: 19.663 min
Delta R.T.: -0.026 min
Response: 2345356
Conc: 21.00 ug/ml



#20 n-Hexatriacontane (C36)

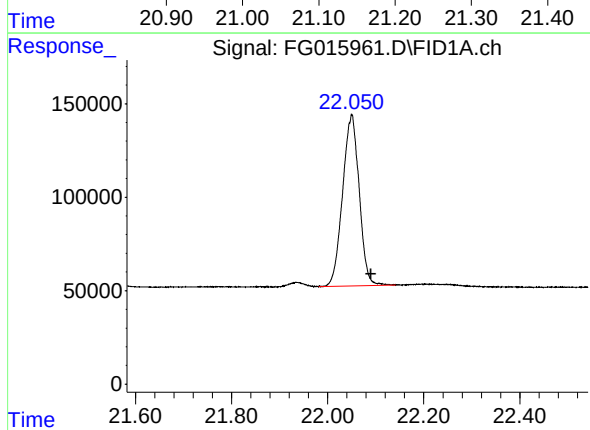
R.T.: 20.404 min
Delta R.T.: -0.026 min
Response: 2263211
Conc: 20.93 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.139 min
Delta R.T.: -0.029 min
Response: 2178454
Conc: 20.97 ug/ml

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20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 22.051 min
Delta R.T.: -0.039 min
Response: 2197235
Conc: 21.55 ug/ml