

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG081123AL\
 Data File : FG012685.D
 Signal(s) : FID1A.ch
 Acq On : 11 Aug 2023 13:09
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: Aug 12 03:57:54 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 081023.M
 Quant Title : GC Extractables
 QLast Update : Thu Aug 10 15:32:13 2023
 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)	11.980	2753608	20.425 ug/ml
Spiked Amount 50.000		Recovery =	40.85%
12) S 1-chlorooctadecane (S...	13.421	2130784	20.429 ug/ml
Spiked Amount 50.000		Recovery =	40.86%
Target Compounds			
1) T n-Nonane (C9)	3.346	2133419	20.539 ug/ml
2) T n-Decane (C10)	4.598	2150865	20.505 ug/ml
3) T A~Naphthalene (C11.7)	6.303	2332088	20.453 ug/ml
4) T n-Dodecane (C12)	6.769	2181667	20.425 ug/ml
5) T A~2-methylnaphthalene...	7.401	2337888	20.418 ug/ml
6) T n-Tetradecane (C14)	8.601	2195418	20.433 ug/ml
7) T n-Hexadecane (C16)	10.214	2225290	20.454 ug/ml
8) T n-Octadecane (C18)	11.661	2256710	20.454 ug/ml
10) T n-Eicosane (C20)	12.975	2262338	20.502 ug/ml
11) T n-Heneicosane (C21)	13.589	2254281	20.426 ug/ml
13) T n-Docosane (C22)	14.177	2247313	20.527 ug/ml
14) T n-Tetracosane (C24)	15.283	2227586	20.644 ug/ml
15) T n-Hexacosane (C26)	16.305	2165520	20.619 ug/ml
16) T n-Octacosane (C28)	17.256	2090825	20.652 ug/ml
17) T n-Tricontane (C30)	18.145	2059490	20.676 ug/ml
18) T n-Dotriacontane (C32)	18.979	2013968	20.376 ug/ml
19) T n-Tetratriacontane (C34)	19.763	1884240	20.478 ug/ml
20) T n-Hexatriacontane (C36)	20.504	1838243	20.475 ug/ml
21) T n-Octatriacontane (C38)	21.260	1724822	20.311 ug/ml
22) T n-Tetracontane (C40)	22.207	1669568	20.452 ug/ml

(f)=RT Delta > 1/2 Window

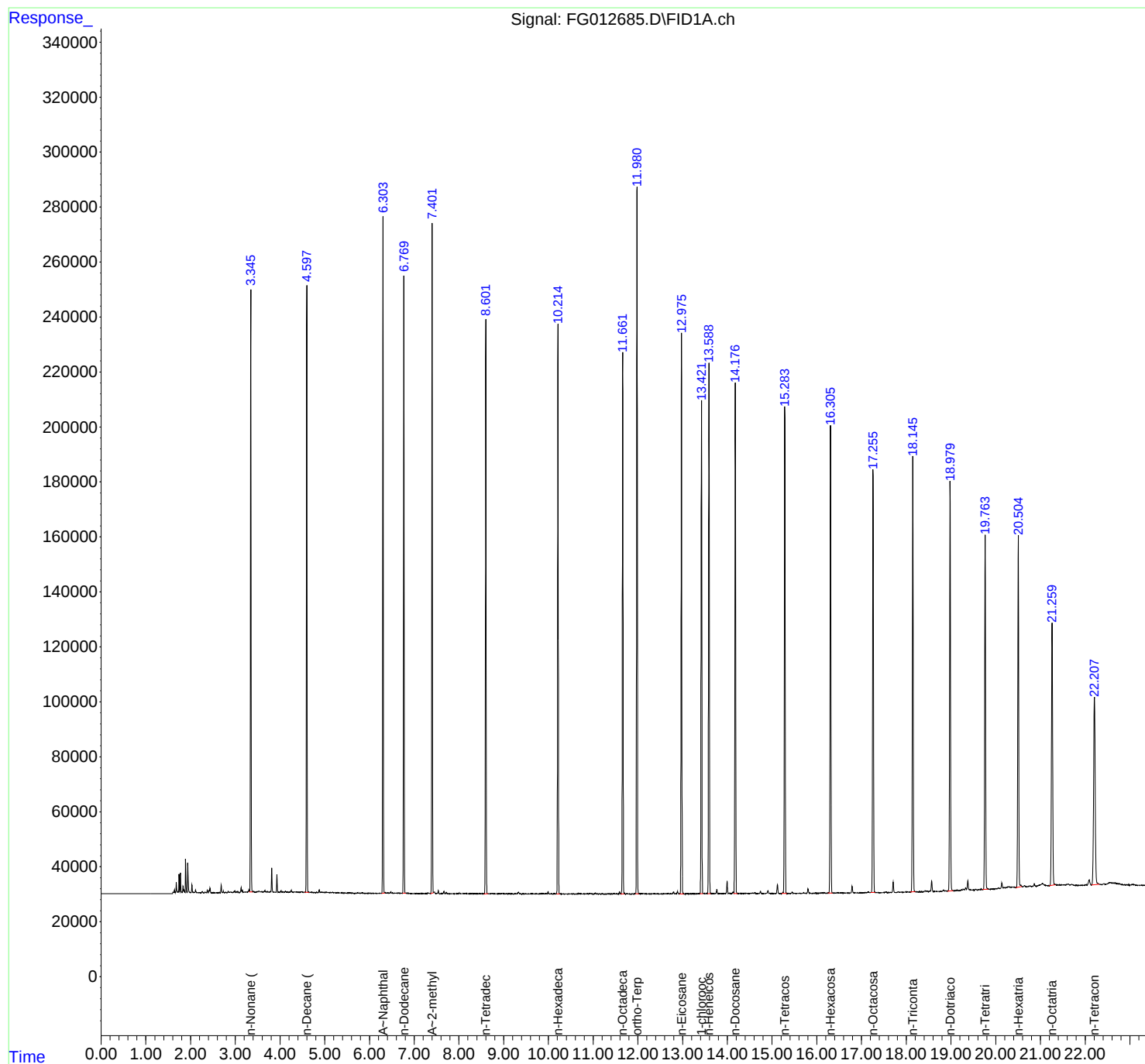
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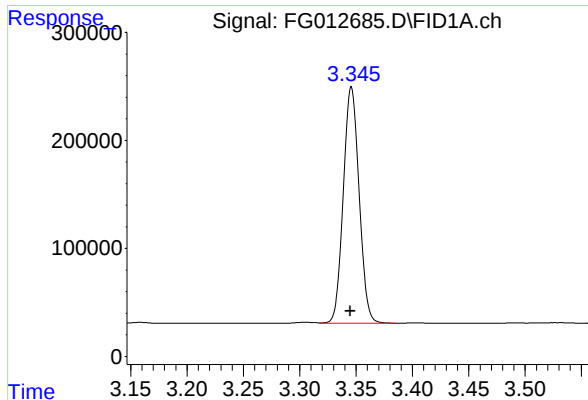
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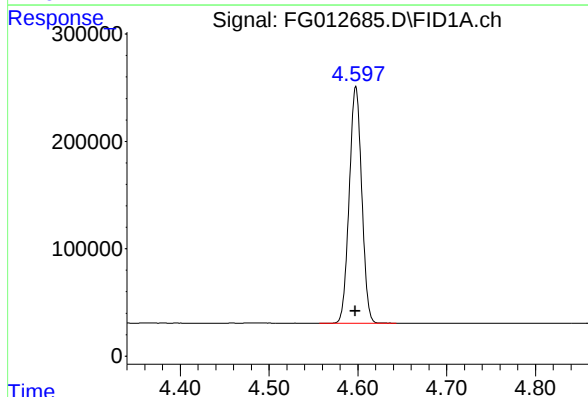




#1 n-Nonane (C9)

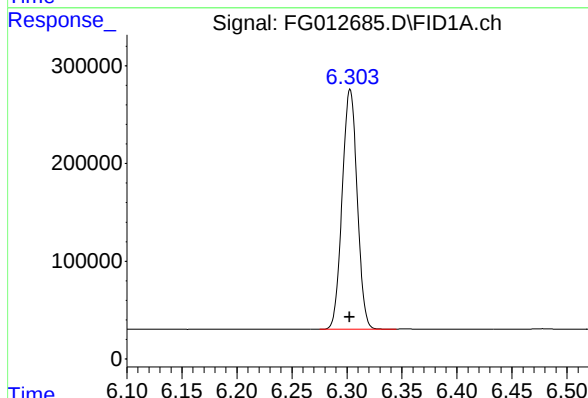
R.T.: 3.346 min
Delta R.T.: 0.000 min
Response: 2133419
Conc: 20.54 ug/ml

Instrument :
FID_G
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20 PPM ALIPHATIC HC STD



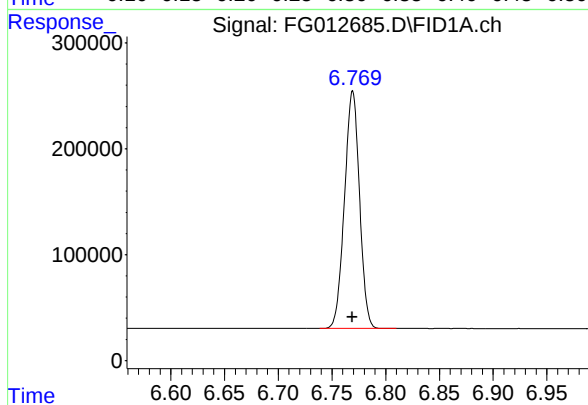
#2 n-Decane (C10)

R.T.: 4.598 min
Delta R.T.: 0.000 min
Response: 2150865
Conc: 20.51 ug/ml



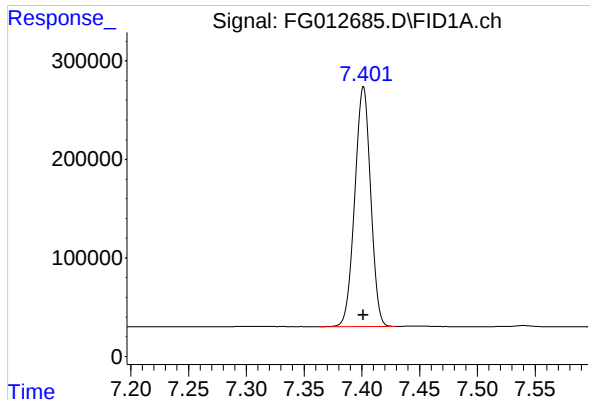
#3 A~Naphthalene (C11.7)

R.T.: 6.303 min
Delta R.T.: 0.000 min
Response: 2332088
Conc: 20.45 ug/ml



#4 n-Dodecane (C12)

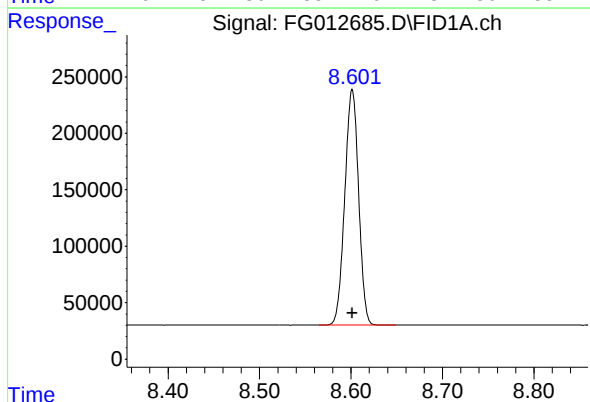
R.T.: 6.769 min
Delta R.T.: 0.000 min
Response: 2181667
Conc: 20.43 ug/ml



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

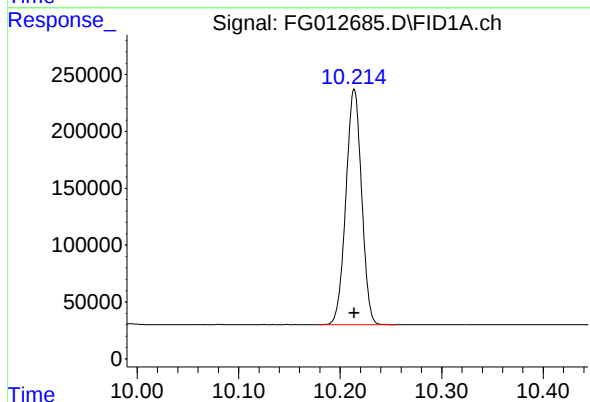
R.T.: 7.401 min
Delta R.T.: 0.000 min
Response: 2337888
Conc: 20.42 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



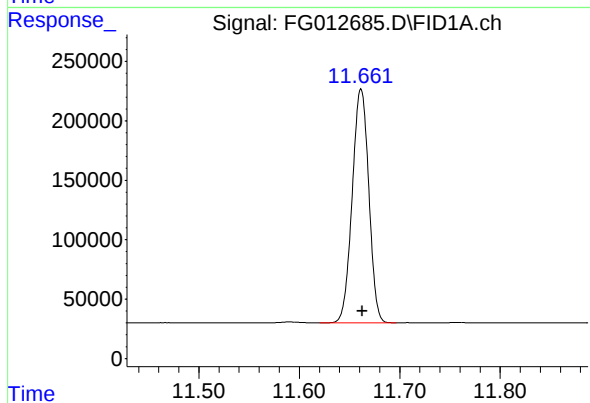
#6 n-Tetradecane (C14)

R.T.: 8.601 min
Delta R.T.: 0.000 min
Response: 2195418
Conc: 20.43 ug/ml



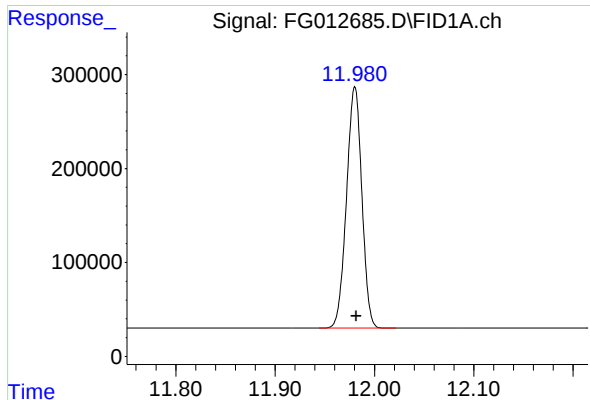
#7 n-Hexadecane (C16)

R.T.: 10.214 min
Delta R.T.: 0.000 min
Response: 2225290
Conc: 20.45 ug/ml



#8 n-Octadecane (C18)

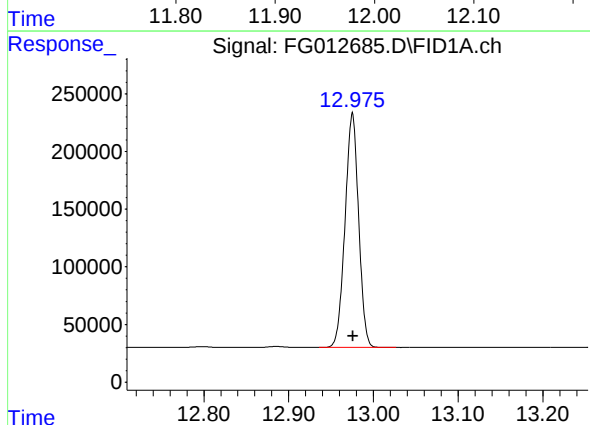
R.T.: 11.661 min
Delta R.T.: -0.001 min
Response: 2256710
Conc: 20.45 ug/ml



#9 ortho-Terphenyl (SURR)

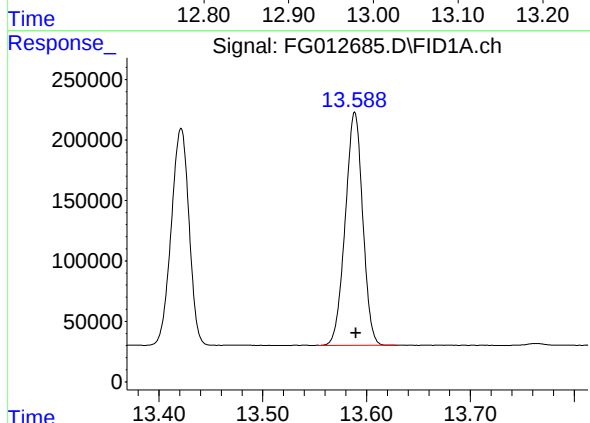
R.T.: 11.980 min
Delta R.T.: -0.001 min
Response: 2753608
Conc: 20.43 ug/ml

Instrument :
FID_G
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20 PPM ALIPHATIC HC STD



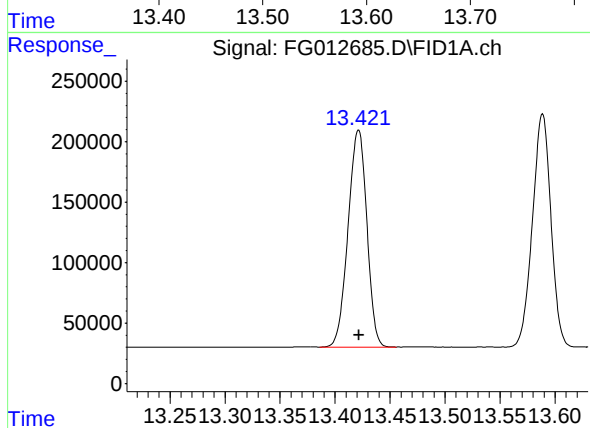
#10 n-Eicosane (C20)

R.T.: 12.975 min
Delta R.T.: 0.000 min
Response: 2262338
Conc: 20.50 ug/ml



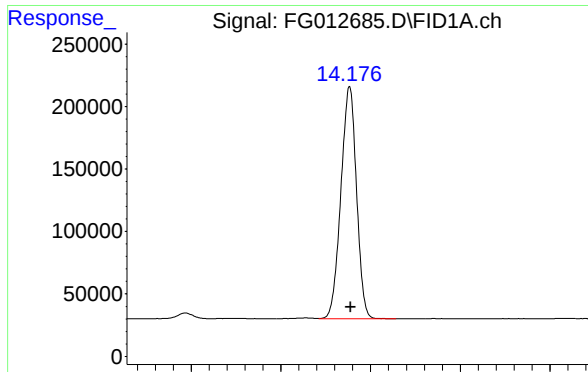
#11 n-Heneicosane (C21)

R.T.: 13.589 min
Delta R.T.: 0.000 min
Response: 2254281
Conc: 20.43 ug/ml



#12 1-chlorooctadecane (SURR)

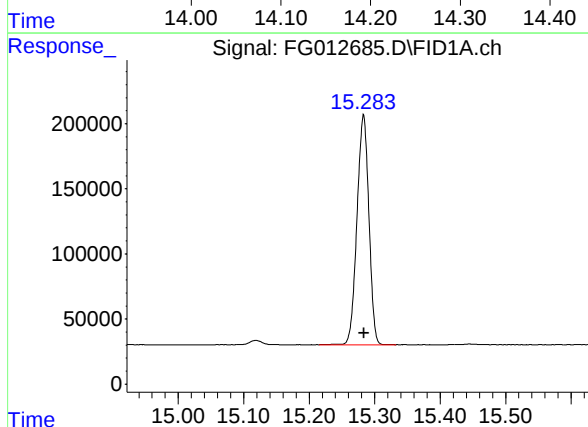
R.T.: 13.421 min
Delta R.T.: 0.000 min
Response: 2130784
Conc: 20.43 ug/ml



#13 n-Docosane (C22)

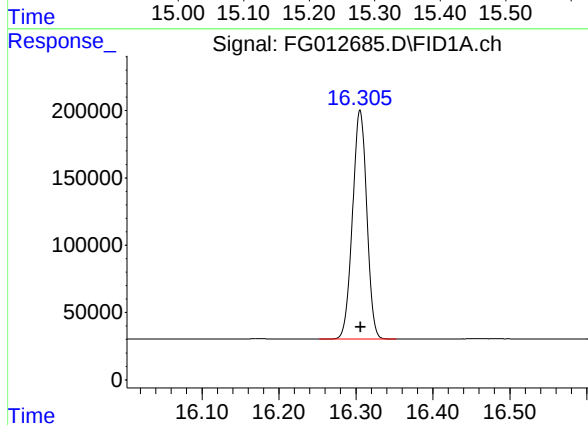
R.T.: 14.177 min
Delta R.T.: -0.001 min
Response: 2247313
Conc: 20.53 ug/ml

Instrument :
FID_G
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20 PPM ALIPHATIC HC STD



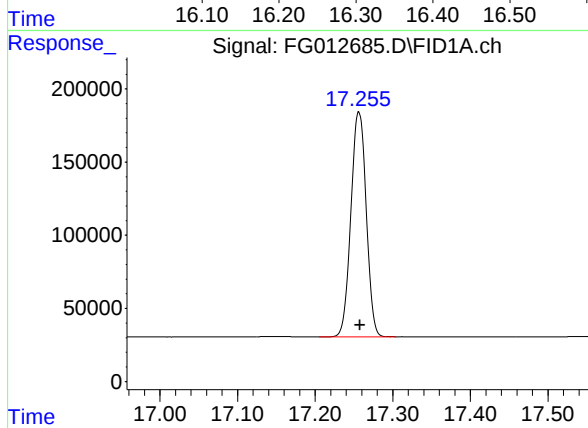
#14 n-Tetracosane (C24)

R.T.: 15.283 min
Delta R.T.: 0.000 min
Response: 2227586
Conc: 20.64 ug/ml



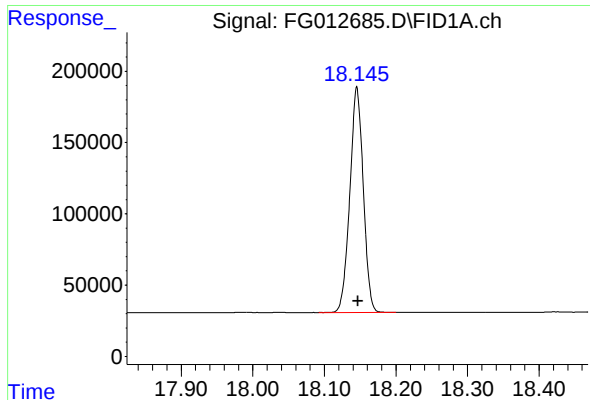
#15 n-Hexacosane (C26)

R.T.: 16.305 min
Delta R.T.: -0.001 min
Response: 2165520
Conc: 20.62 ug/ml



#16 n-Octacosane (C28)

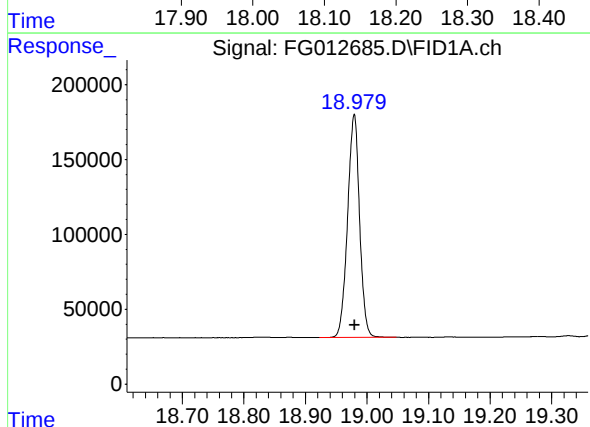
R.T.: 17.256 min
Delta R.T.: -0.002 min
Response: 2090825
Conc: 20.65 ug/ml



#17 n-Tricontane (C30)

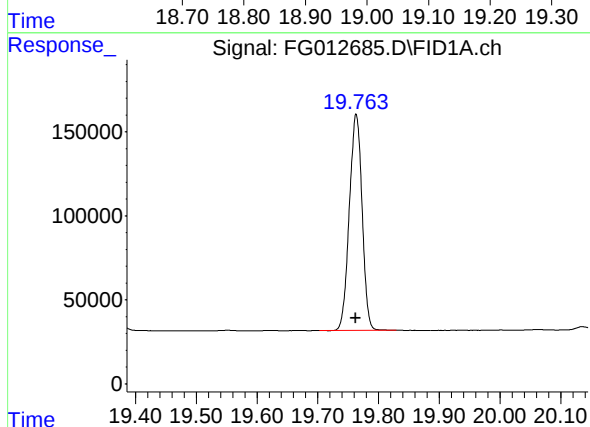
R.T.: 18.145 min
Delta R.T.: -0.002 min
Response: 2059490
Conc: 20.68 ug/ml

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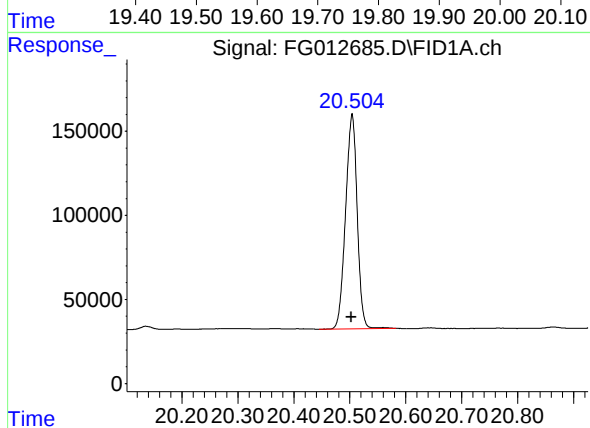
#18 n-Dotriacontane (C32)

R.T.: 18.979 min
Delta R.T.: 0.000 min
Response: 2013968
Conc: 20.38 ug/ml



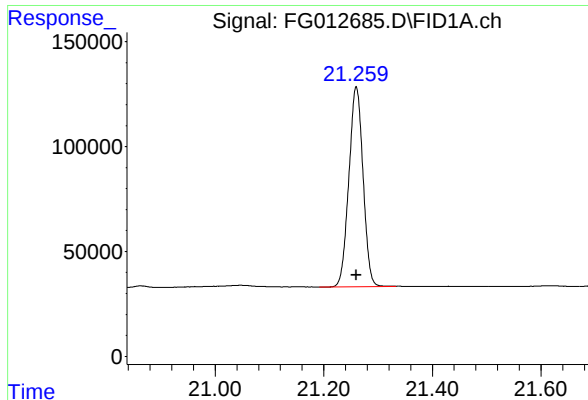
#19 n-Tetratriacontane (C34)

R.T.: 19.763 min
Delta R.T.: 0.001 min
Response: 1884240
Conc: 20.48 ug/ml



#20 n-Hexatriacontane (C36)

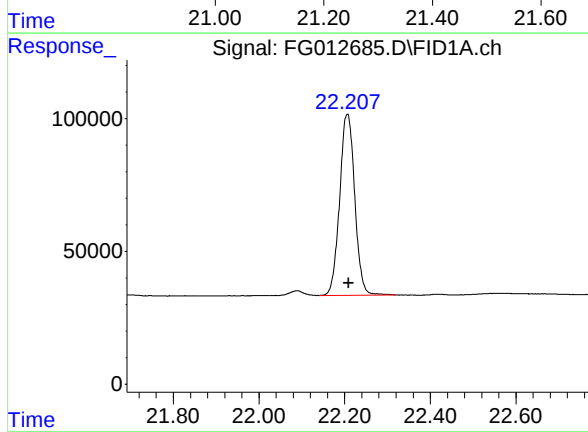
R.T.: 20.504 min
Delta R.T.: 0.001 min
Response: 1838243
Conc: 20.47 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.260 min
Delta R.T.: 0.000 min
Response: 1724822
Conc: 20.31 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.207 min
Delta R.T.: -0.003 min
Response: 1669568
Conc: 20.45 ug/ml