

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG041725AL\
 Data File : FG015688.D
 Signal(s) : FID1A.ch
 Acq On : 17 Apr 2025 13:44
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: Apr 17 14:12:41 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 041725.M
 Quant Title : GC Extractables
 QLast Update : Thu Apr 17 12:40:13 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)	11.902	2892540	19.952 ug/ml
Spiked Amount 50.000		Recovery =	39.90%
12) S 1-chlorooctadecane (S...	13.347	2128066	20.124 ug/ml
Spiked Amount 50.000		Recovery =	40.25%
Target Compounds			
1) T n-Nonane (C9)	3.250	2232293	19.976 ug/ml
2) T n-Decane (C10)	4.509	2250297	20.068 ug/ml
3) T A~Naphthalene (C11.7)	6.221	2360851	20.349 ug/ml
4) T n-Dodecane (C12)	6.689	2299332	20.110 ug/ml
5) T A~2-methylnaphthalene...	7.323	2277797	20.460 ug/ml
6) T n-Tetradecane (C14)	8.524	2298959	20.174 ug/ml
7) T n-Hexadecane (C16)	10.138	2350877	20.105 ug/ml
8) T n-Octadecane (C18)	11.586	2397139	20.040 ug/ml
10) T n-Eicosane (C20)	12.900	2385207	20.044 ug/ml
11) T n-Heneicosane (C21)	13.514	2365250	19.997 ug/ml
13) T n-Docosane (C22)	14.102	2358429	20.224 ug/ml
14) T n-Tetracosane (C24)	15.210	2369090	20.557 ug/ml
15) T n-Hexacosane (C26)	16.234	2307730	20.665 ug/ml
16) T n-Octacosane (C28)	17.185	2254561	20.716 ug/ml
17) T n-Tricontane (C30)	18.074	2230468	20.478 ug/ml
18) T n-Dotriacontane (C32)	18.908	2186387	20.323 ug/ml
19) T n-Tetratriacontane (C34)	19.693	2014185	19.768 ug/ml
20) T n-Hexatriacontane (C36)	20.436	1876244	19.181 ug/ml
21) T n-Octatriacontane (C38)	21.177	1671928	18.317 ug/ml
22) T n-Tetracontane (C40)	22.095	1466564	17.365 ug/ml

(f)=RT Delta > 1/2 Window

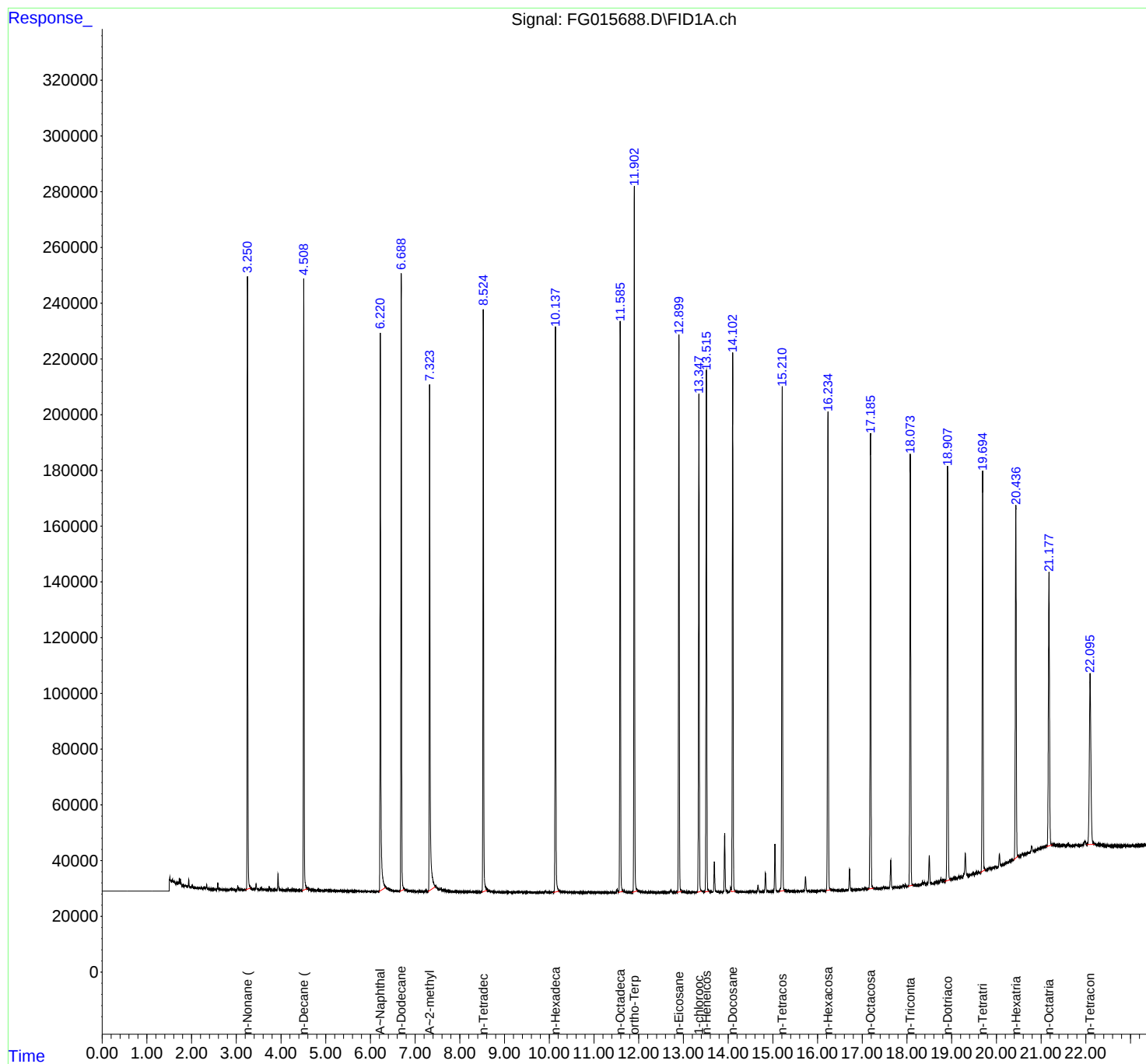
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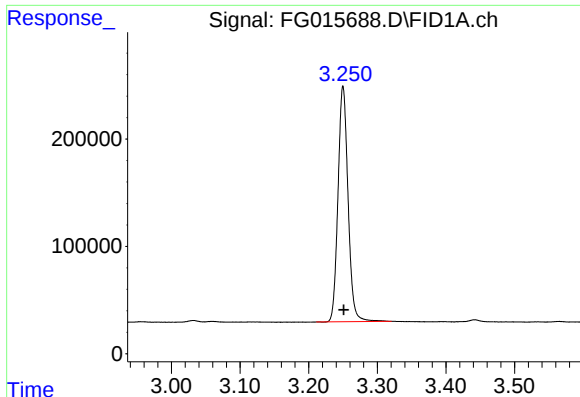
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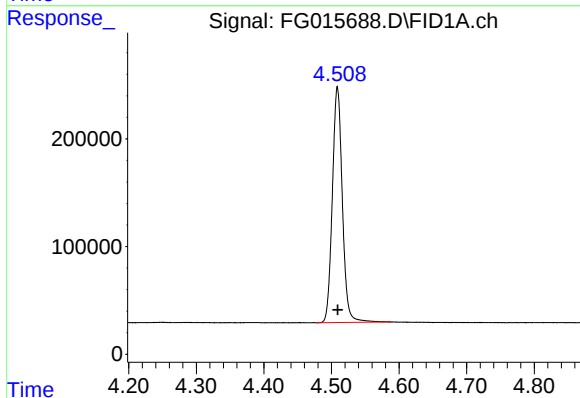




#1 n-Nonane (C9)

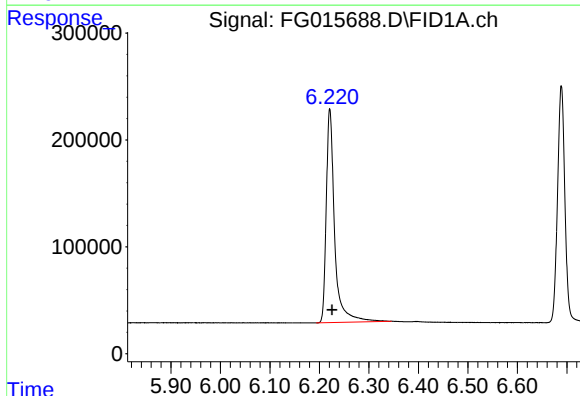
R.T.: 3.250 min
Delta R.T.: 0.000 min
Response: 2232293
Conc: 19.98 ug/ml

Instrument :
FID_G
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20 PPM ALIPHATIC HC STD



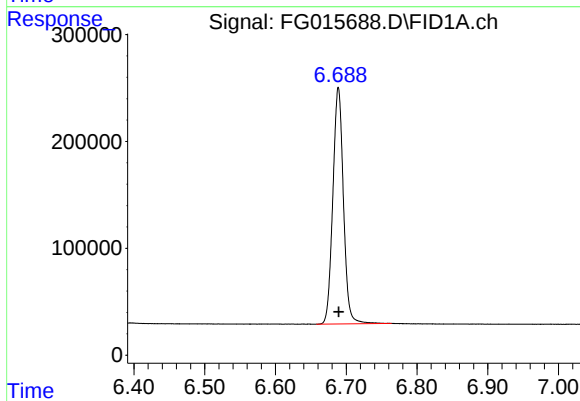
#2 n-Decane (C10)

R.T.: 4.509 min
Delta R.T.: 0.000 min
Response: 2250297
Conc: 20.07 ug/ml



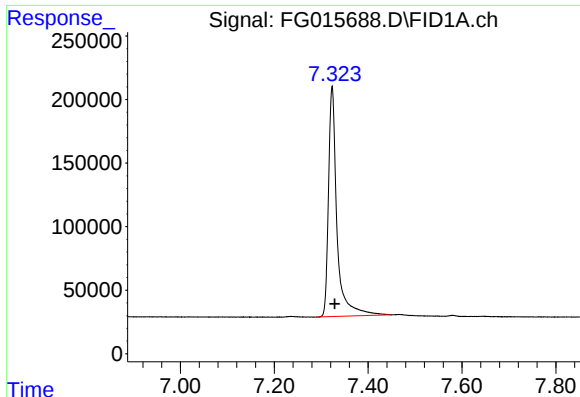
#3 A~Naphthalene (C11.7)

R.T.: 6.221 min
Delta R.T.: -0.004 min
Response: 2360851
Conc: 20.35 ug/ml



#4 n-Dodecane (C12)

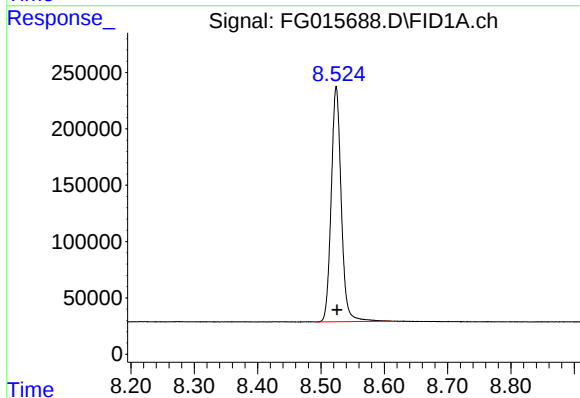
R.T.: 6.689 min
Delta R.T.: 0.000 min
Response: 2299332
Conc: 20.11 ug/ml



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

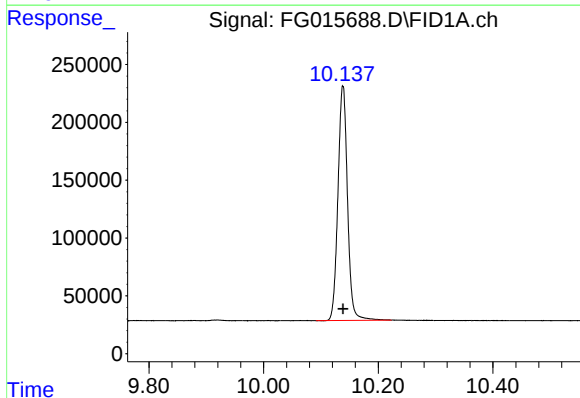
R.T.: 7.323 min
Delta R.T.: -0.005 min
Response: 2277797
Conc: 20.46 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



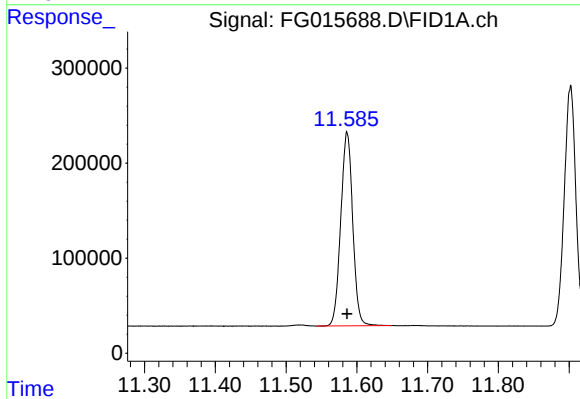
#6 n-Tetradecane (C14)

R.T.: 8.524 min
Delta R.T.: 0.000 min
Response: 2298959
Conc: 20.17 ug/ml



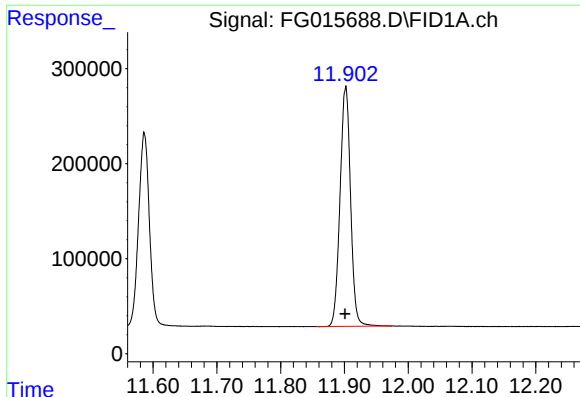
#7 n-Hexadecane (C16)

R.T.: 10.138 min
Delta R.T.: 0.000 min
Response: 2350877
Conc: 20.11 ug/ml



#8 n-Octadecane (C18)

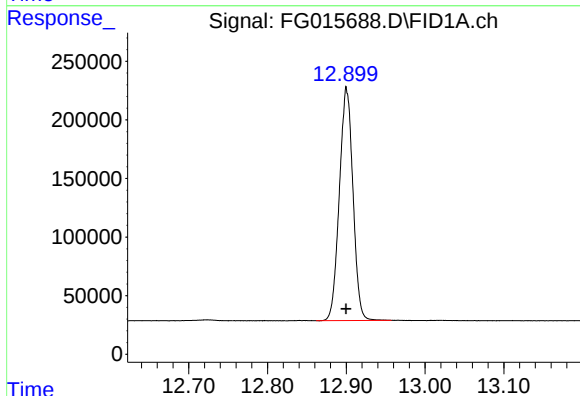
R.T.: 11.586 min
Delta R.T.: 0.000 min
Response: 2397139
Conc: 20.04 ug/ml



#9 ortho-Terphenyl (SURR)

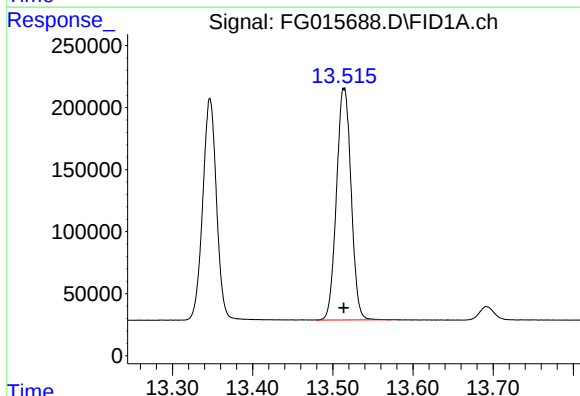
R.T.: 11.902 min
Delta R.T.: 0.001 min
Response: 2892540
Conc: 19.95 ug/ml

Instrument :
FID_G
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20 PPM ALIPHATIC HC STD



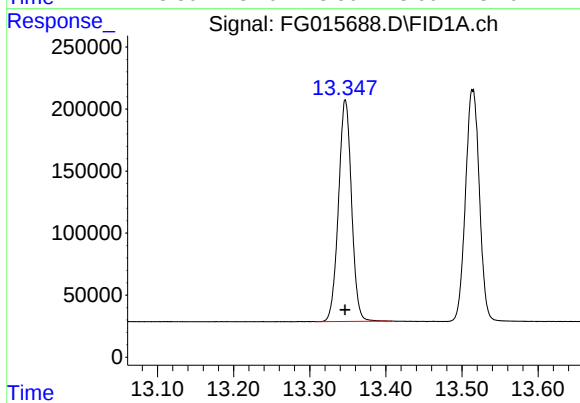
#10 n-Eicosane (C20)

R.T.: 12.900 min
Delta R.T.: 0.000 min
Response: 2385207
Conc: 20.04 ug/ml



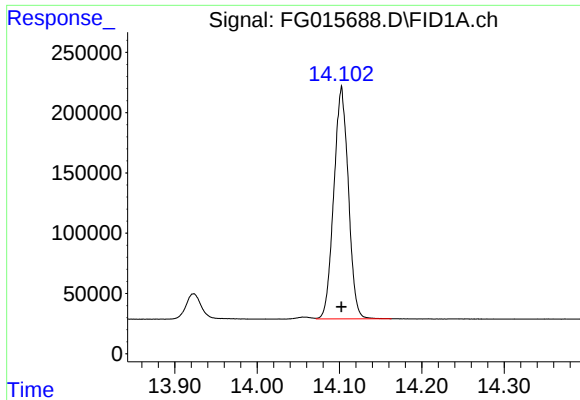
#11 n-Heneicosane (C21)

R.T.: 13.514 min
Delta R.T.: 0.000 min
Response: 2365250
Conc: 20.00 ug/ml



#12 1-chlorooctadecane (SURR)

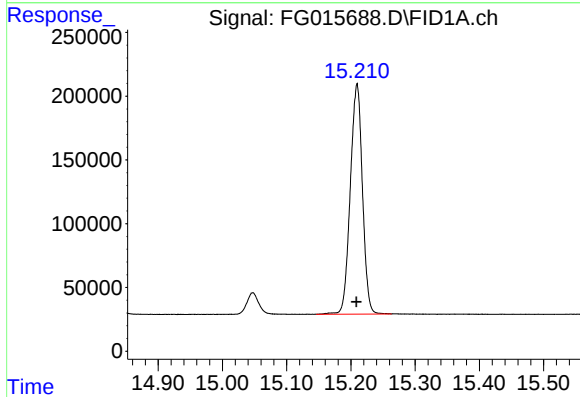
R.T.: 13.347 min
Delta R.T.: 0.000 min
Response: 2128066
Conc: 20.12 ug/ml



#13 n-Docosane (C22)

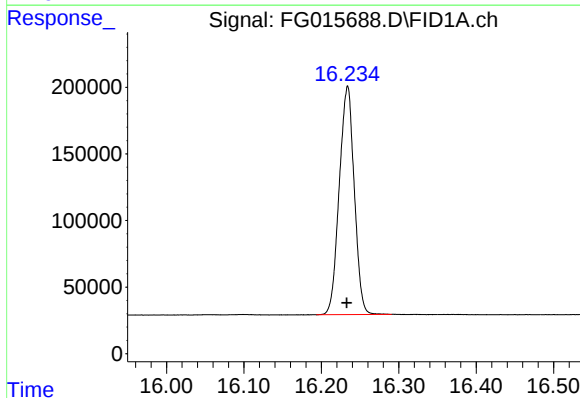
R.T.: 14.102 min
Delta R.T.: 0.000 min
Response: 2358429
Conc: 20.22 ug/ml

Instrument :
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ClientSampleId :
20 PPM ALIPHATIC HC STD



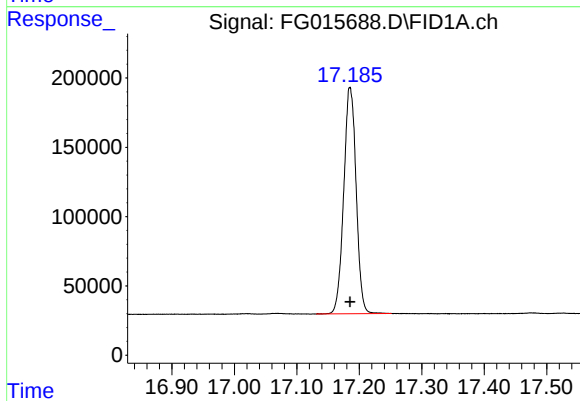
#14 n-Tetracosane (C24)

R.T.: 15.210 min
Delta R.T.: 0.000 min
Response: 2369090
Conc: 20.56 ug/ml



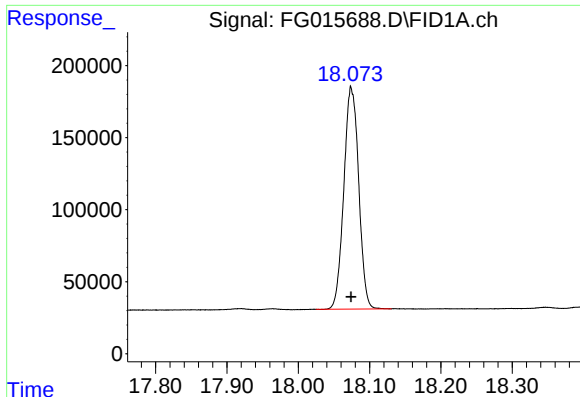
#15 n-Hexacosane (C26)

R.T.: 16.234 min
Delta R.T.: 0.001 min
Response: 2307730
Conc: 20.67 ug/ml



#16 n-Octacosane (C28)

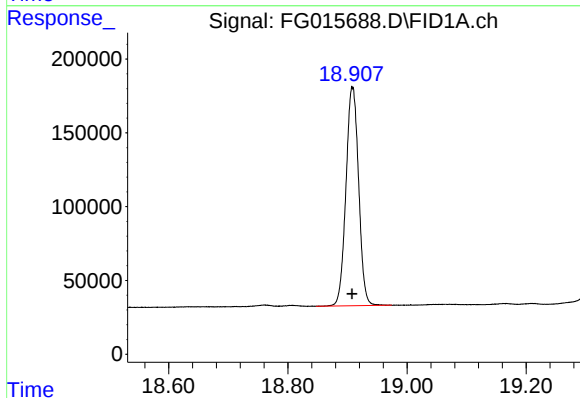
R.T.: 17.185 min
Delta R.T.: 0.000 min
Response: 2254561
Conc: 20.72 ug/ml



#17 n-Tricontane (C30)

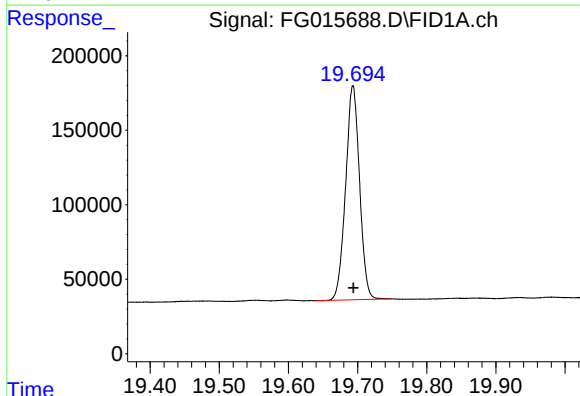
R.T.: 18.074 min
Delta R.T.: 0.000 min
Response: 2230468
Conc: 20.48 ug/ml

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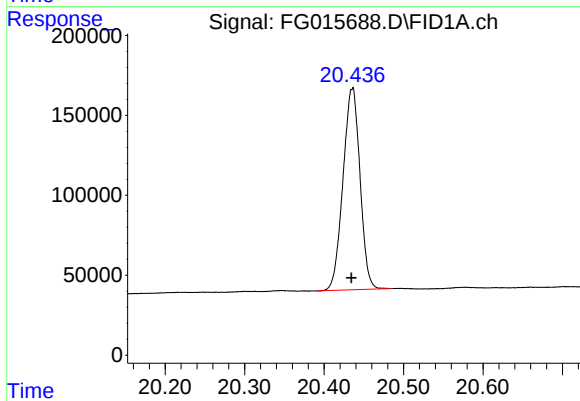
#18 n-Dotriacontane (C32)

R.T.: 18.908 min
Delta R.T.: 0.000 min
Response: 2186387
Conc: 20.32 ug/ml



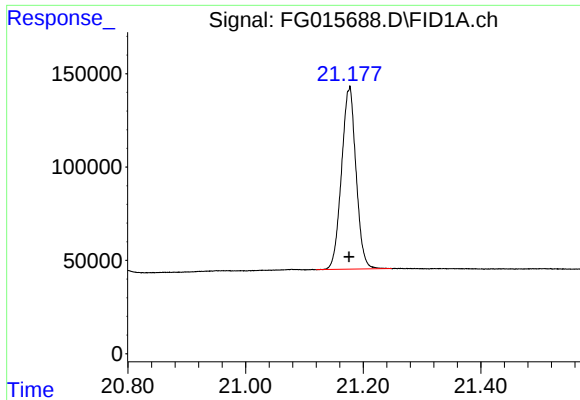
#19 n-Tetratriacontane (C34)

R.T.: 19.693 min
Delta R.T.: 0.000 min
Response: 2014185
Conc: 19.77 ug/ml



#20 n-Hexatriacontane (C36)

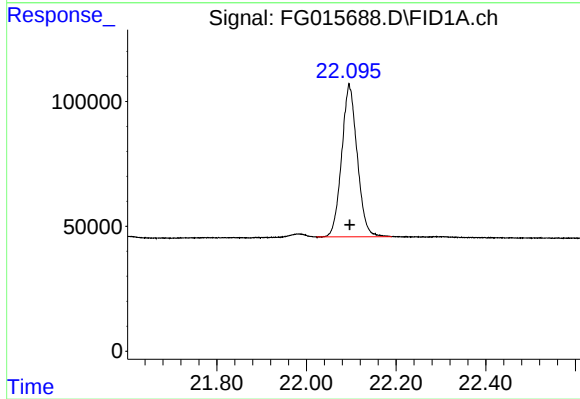
R.T.: 20.436 min
Delta R.T.: 0.001 min
Response: 1876244
Conc: 19.18 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.177 min
Delta R.T.: 0.001 min
Response: 1671928
Conc: 18.32 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.095 min
Delta R.T.: -0.002 min
Response: 1466564
Conc: 17.37 ug/ml