

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG072924AL\
 Data File : FG013978.D
 Signal(s) : FID1A.ch
 Acq On : 29 Jul 2024 15:27
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD ICV
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 20 PPM ALIPHATIC HC STD ICV

Integration File: autoint1.e
 Quant Time: Jul 30 04:04:56 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 072924.M
 Quant Title : GC Extractables
 QLast Update : Tue Jul 30 04:02:26 2024
 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)	11.853	2698787	19.881 ug/ml
Spiked Amount 50.000		Recovery =	39.76%
12) S 1-chlorooctadecane (S...	13.298	2015155	19.940 ug/ml
Spiked Amount 50.000		Recovery =	39.88%
Target Compounds			
1) T n-Nonane (C9)	3.224	2571624	19.732 ug/ml
2) T n-Decane (C10)	4.476	2622583	19.751 ug/ml
3) T A~Naphthalene (C11.7)	6.181	2746123	19.941 ug/ml
4) T n-Dodecane (C12)	6.649	2619802	19.764 ug/ml
5) T A~2-methylnaphthalene...	7.280	2597524	19.941 ug/ml
6) T n-Tetradecane (C14)	8.481	2562883	19.753 ug/ml
7) T n-Hexadecane (C16)	10.093	2614719	19.868 ug/ml
8) T n-Octadecane (C18)	11.541	2605533	19.873 ug/ml
10) T n-Eicosane (C20)	12.854	2469868	19.906 ug/ml
11) T n-Heneicosane (C21)	13.469	2413232	19.888 ug/ml
13) T n-Docosane (C22)	14.056	2385988	19.879 ug/ml
14) T n-Tetracosane (C24)	15.162	2355173	19.867 ug/ml
15) T n-Hexacosane (C26)	16.188	2303660	19.809 ug/ml
16) T n-Octacosane (C28)	17.140	2259336	19.829 ug/ml
17) T n-Tricontane (C30)	18.030	2290849	19.770 ug/ml
18) T n-Dotriacontane (C32)	18.864	2301794	20.098 ug/ml
19) T n-Tetratriacontane (C34)	19.651	2214045	19.511 ug/ml
20) T n-Hexatriacontane (C36)	20.393	2161512	19.306 ug/ml
21) T n-Octatriacontane (C38)	21.131	2167968	18.735 ug/ml
22) T n-Tetracontane (C40)	22.035	2186391	18.791 ug/ml

(f)=RT Delta > 1/2 Window

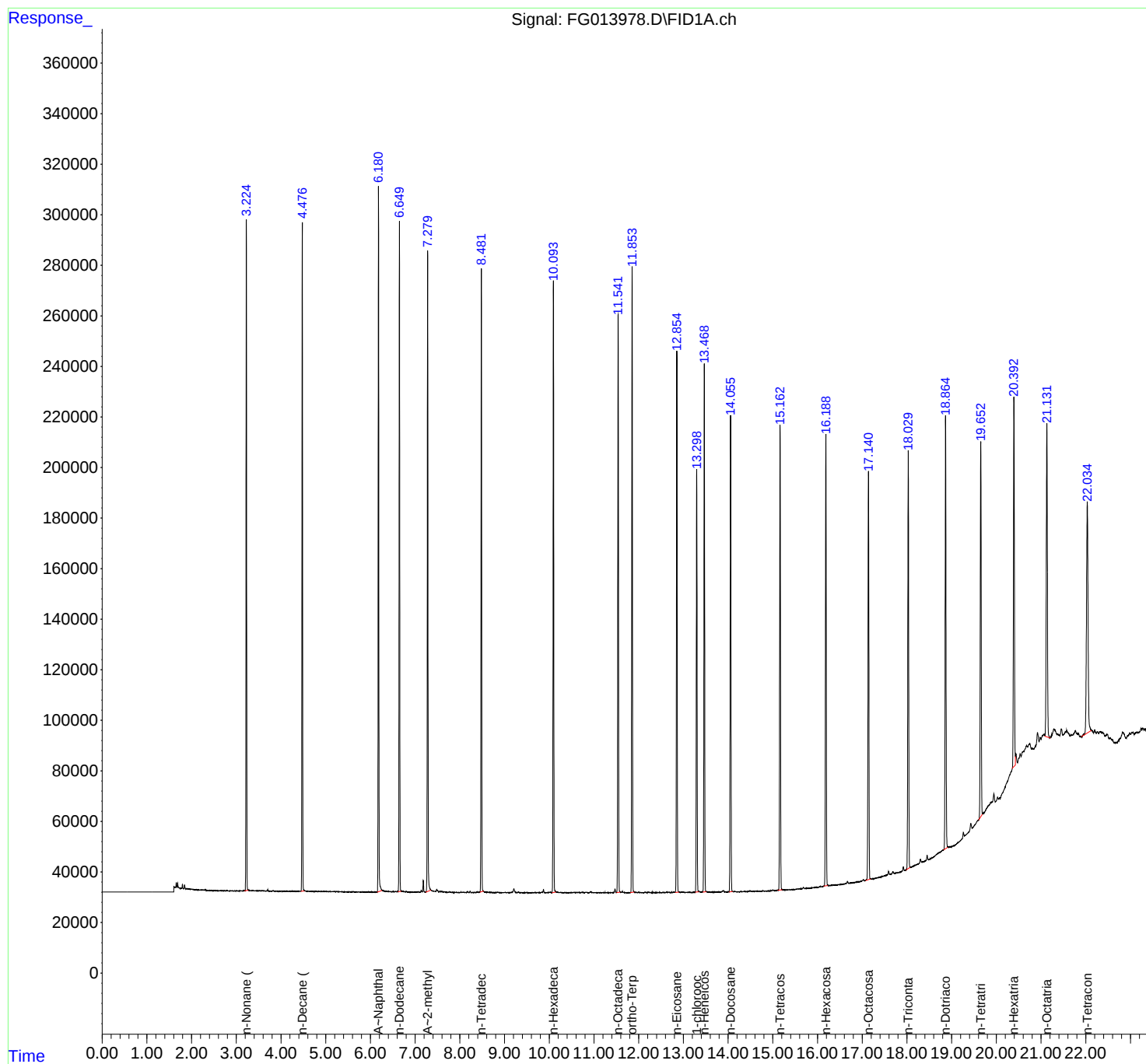
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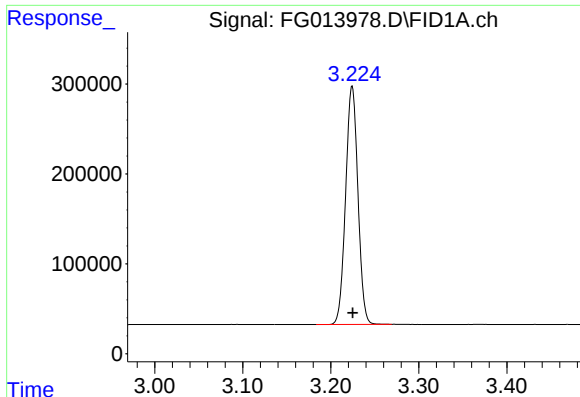
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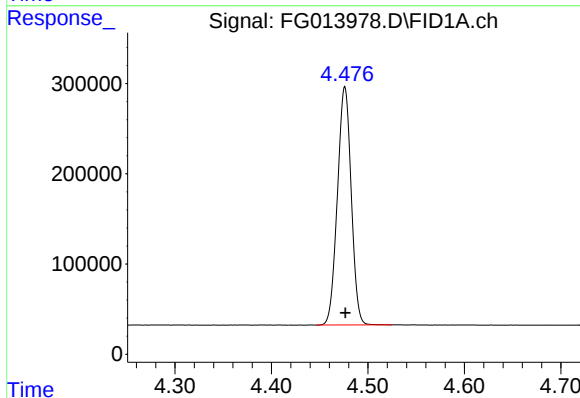




#1 n-Nonane (C9)

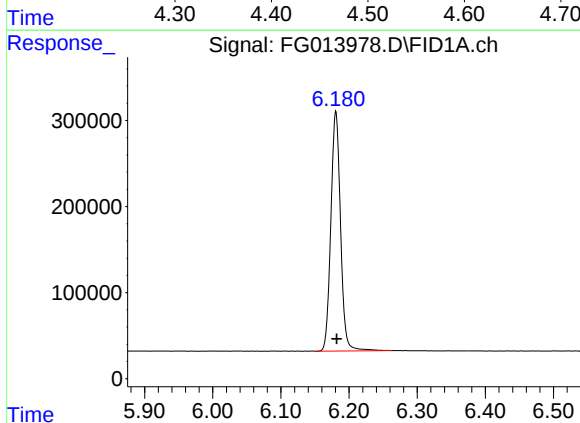
R.T.: 3.224 min
Delta R.T.: 0.000 min
Response: 2571624
Conc: 19.73 ug/ml

Instrument :
FID_G
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20 PPM ALIPHATIC HC STD ICV



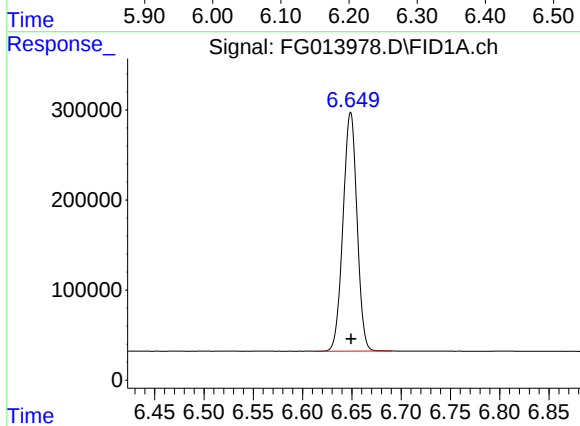
#2 n-Decane (C10)

R.T.: 4.476 min
Delta R.T.: 0.000 min
Response: 2622583
Conc: 19.75 ug/ml



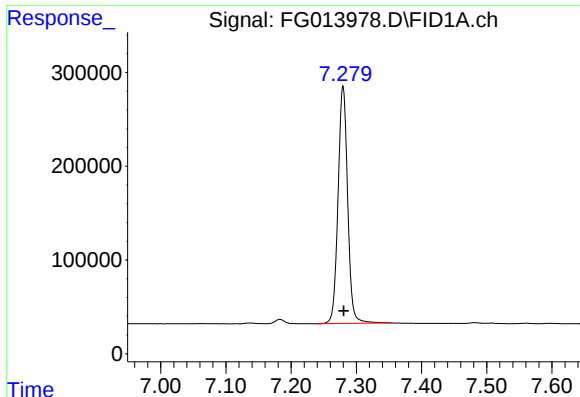
#3 A~Naphthalene (C11.7)

R.T.: 6.181 min
Delta R.T.: -0.001 min
Response: 2746123
Conc: 19.94 ug/ml



#4 n-Dodecane (C12)

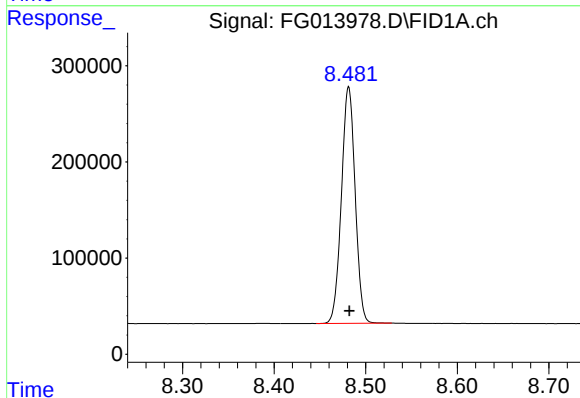
R.T.: 6.649 min
Delta R.T.: 0.000 min
Response: 2619802
Conc: 19.76 ug/ml



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

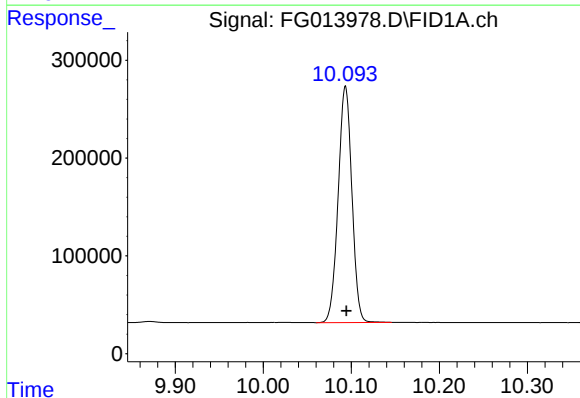
R.T.: 7.280 min
Delta R.T.: 0.000 min
Response: 2597524
Conc: 19.94 ug/ml

Instrument :
FID_G
ClientSampleId :
20 PPM ALIPHATIC HC STD ICV



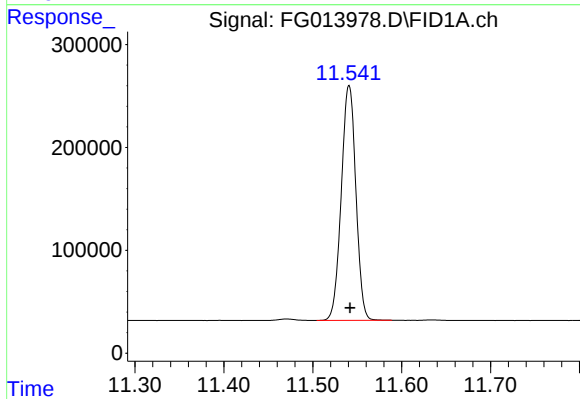
#6 n-Tetradecane (C14)

R.T.: 8.481 min
Delta R.T.: 0.000 min
Response: 2562883
Conc: 19.75 ug/ml



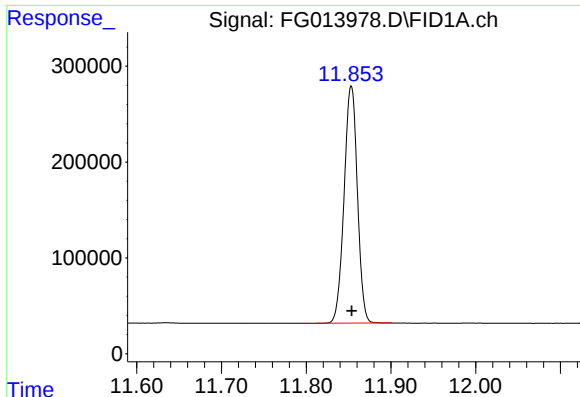
#7 n-Hexadecane (C16)

R.T.: 10.093 min
Delta R.T.: 0.000 min
Response: 2614719
Conc: 19.87 ug/ml



#8 n-Octadecane (C18)

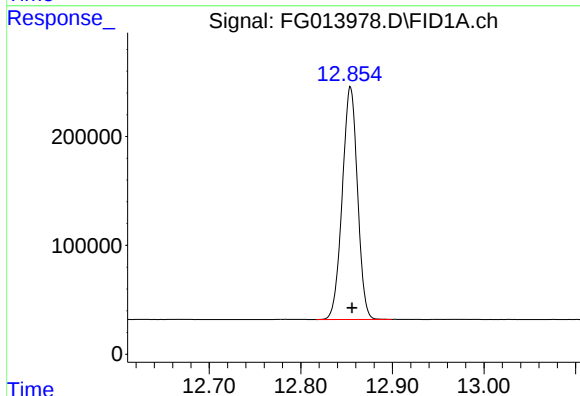
R.T.: 11.541 min
Delta R.T.: -0.001 min
Response: 2605533
Conc: 19.87 ug/ml



#9 ortho-Terphenyl (SURR)

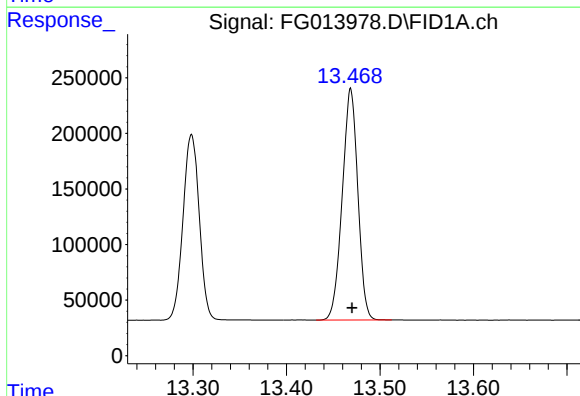
R.T.: 11.853 min
Delta R.T.: 0.000 min
Response: 2698787
Conc: 19.88 ug/ml

Instrument :
FID_G
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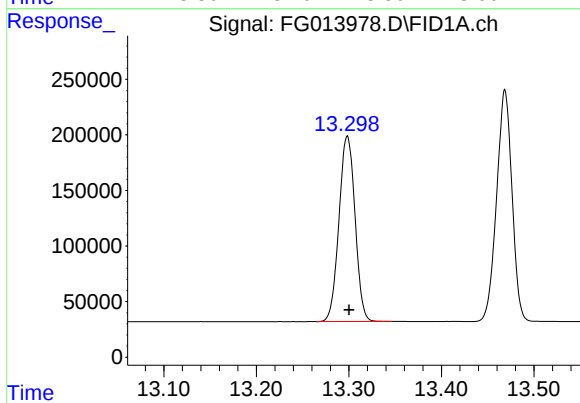
#10 n-Eicosane (C20)

R.T.: 12.854 min
Delta R.T.: -0.002 min
Response: 2469868
Conc: 19.91 ug/ml



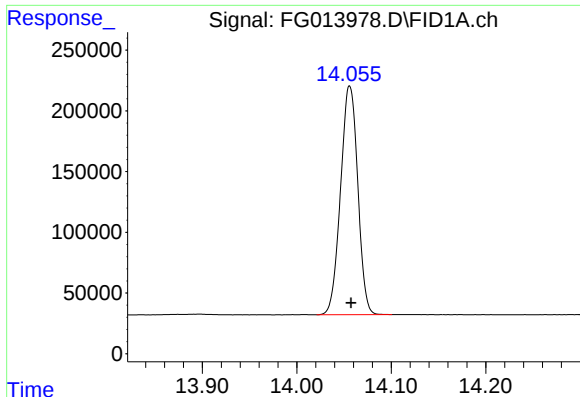
#11 n-Heneicosane (C21)

R.T.: 13.469 min
Delta R.T.: -0.001 min
Response: 2413232
Conc: 19.89 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.298 min
Delta R.T.: -0.002 min
Response: 2015155
Conc: 19.94 ug/ml



#13 n-Docosane (C22)

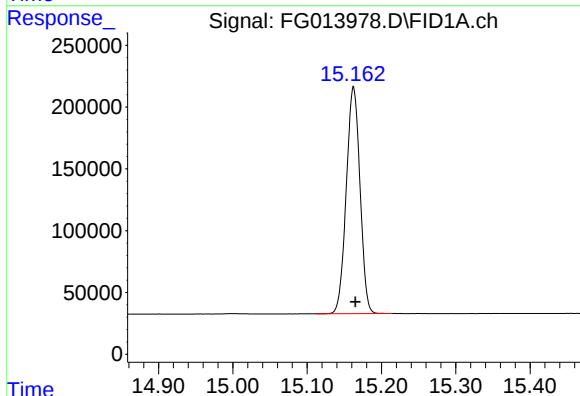
R.T.: 14.056 min
Delta R.T.: -0.001 min
Response: 2385988
Conc: 19.88 ug/ml

Instrument :

FID_G

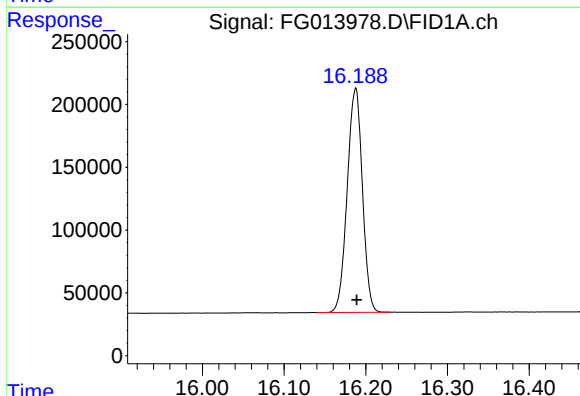
ClientSampleId :

20 PPM ALIPHATIC HC STD ICV



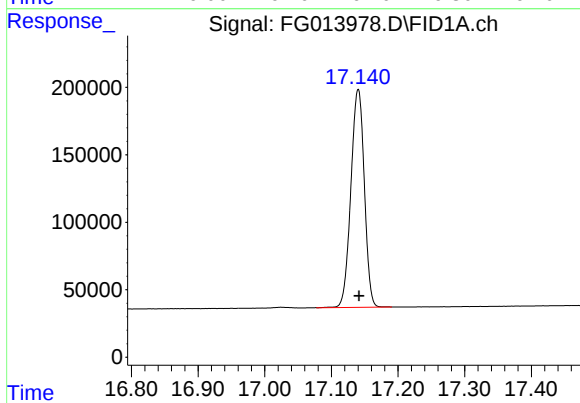
#14 n-Tetracosane (C24)

R.T.: 15.162 min
Delta R.T.: -0.002 min
Response: 2355173
Conc: 19.87 ug/ml



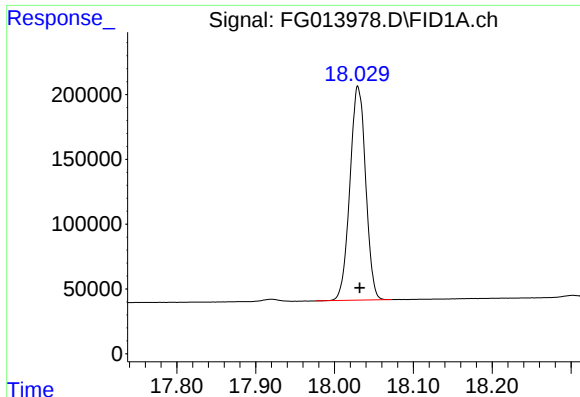
#15 n-Hexacosane (C26)

R.T.: 16.188 min
Delta R.T.: -0.001 min
Response: 2303660
Conc: 19.81 ug/ml



#16 n-Octacosane (C28)

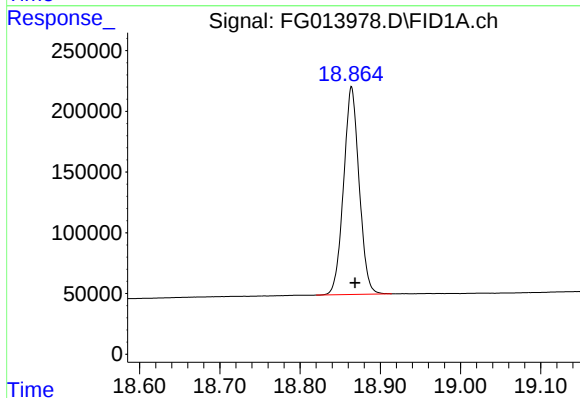
R.T.: 17.140 min
Delta R.T.: -0.001 min
Response: 2259336
Conc: 19.83 ug/ml



#17 n-Tricontane (C30)

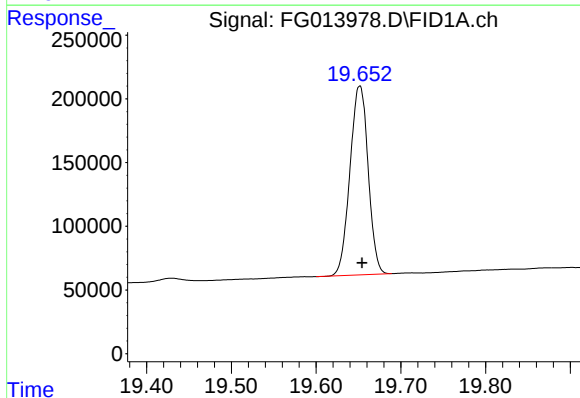
R.T.: 18.030 min
Delta R.T.: -0.002 min
Response: 2290849
Conc: 19.77 ug/ml

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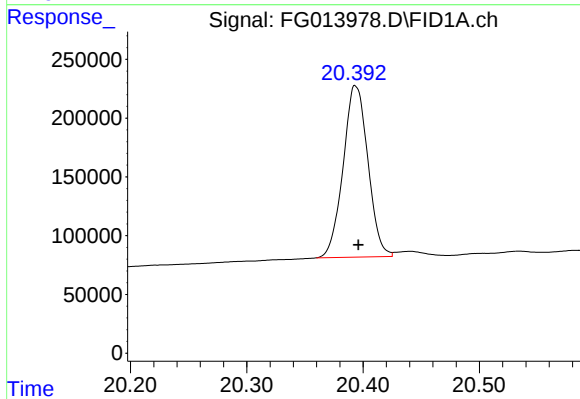
#18 n-Dotriacontane (C32)

R.T.: 18.864 min
Delta R.T.: -0.004 min
Response: 2301794
Conc: 20.10 ug/ml



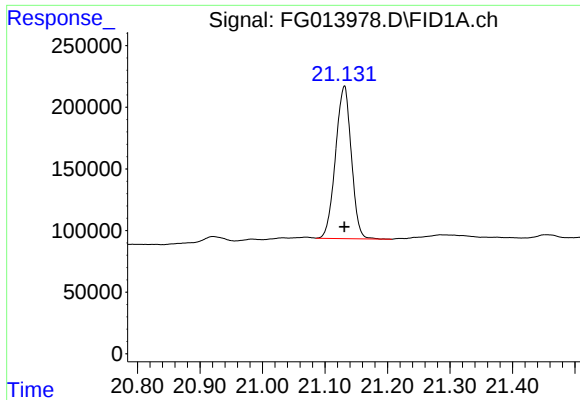
#19 n-Tetratriacontane (C34)

R.T.: 19.651 min
Delta R.T.: -0.003 min
Response: 2214045
Conc: 19.51 ug/ml



#20 n-Hexatriacontane (C36)

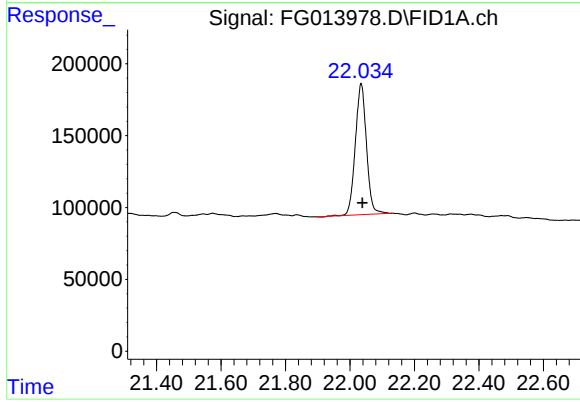
R.T.: 20.393 min
Delta R.T.: -0.003 min
Response: 2161512
Conc: 19.31 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.131 min
Delta R.T.: 0.000 min
Response: 2167968
Conc: 18.73 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.035 min
Delta R.T.: -0.004 min
Response: 2186391
Conc: 18.79 ug/ml