

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC051723AL\
 Data File : FC063613.D
 Signal(s) : FID1A.ch
 Acq On : 17 May 2023 12:31
 Operator : YP/AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: sample.E
 Quant Time: May 18 03:44:05 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 050523.M
 Quant Title : GC Extractables
 QLast Update : Fri May 05 18:15:25 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)	11.527	3837003	20.479 ug/ml
Spiked Amount 50.000		Recovery =	40.96%
12) S 1-chlorooctadecane (S...	12.963	2690759	20.549 ug/ml
Spiked Amount 50.000		Recovery =	41.10%
Target Compounds			
1) T n-Nonane (C9)	3.303	3346758	20.904 ug/ml
2) T n-Decane (C10)	4.366	3400674	21.016 ug/ml
3) T A~Naphthalene (C11.7)	5.948	3562209	20.981 ug/ml
4) T n-Dodecane (C12)	6.382	3403338	20.907 ug/ml
5) T A~2-methylnaphthalene...	7.004	3420098	21.145 ug/ml
6) T n-Tetradecane (C14)	8.176	3341378	21.157 ug/ml
7) T n-Hexadecane (C16)	9.774	3354293	20.909 ug/ml
8) T n-Octadecane (C18)	11.213	3347283	20.900 ug/ml
10) T n-Eicosane (C20)	12.520	3138509	20.687 ug/ml
11) T n-Heneicosane (C21)	13.131	3051414	20.822 ug/ml
13) T n-Docosane (C22)	13.715	2992411	20.737 ug/ml
14) T n-Tetracosane (C24)	14.816	2923572	20.784 ug/ml
15) T n-Hexacosane (C26)	15.835	2843092	20.818 ug/ml
16) T n-Octacosane (C28)	16.781	2774950	20.980 ug/ml
17) T n-Tricontane (C30)	17.665	2867280	21.324 ug/ml
18) T n-Dotriacontane (C32)	18.495	2847068	21.323 ug/ml
19) T n-Tetratriacontane (C34)	19.277	2773359	21.365 ug/ml
20) T n-Hexatriacontane (C36)	20.014	2655662	21.445 ug/ml
21) T n-Octatriacontane (C38)	20.738	2638286	21.114 ug/ml
22) T n-Tetracontane (C40)	21.632	2584056	21.020 ug/ml

(f)=RT Delta > 1/2 Window

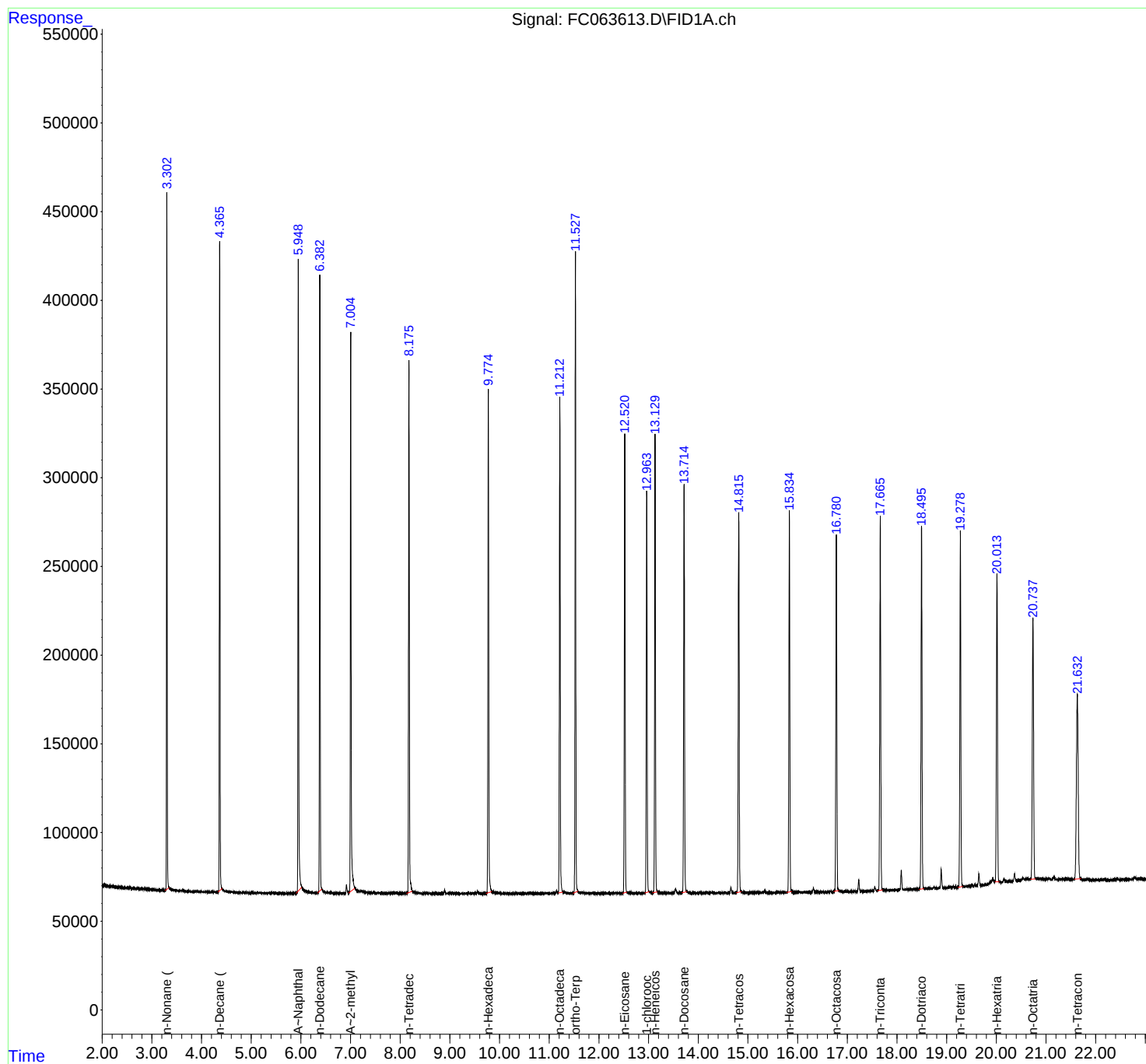
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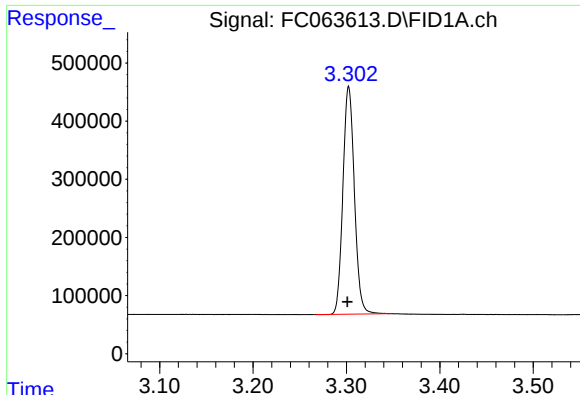
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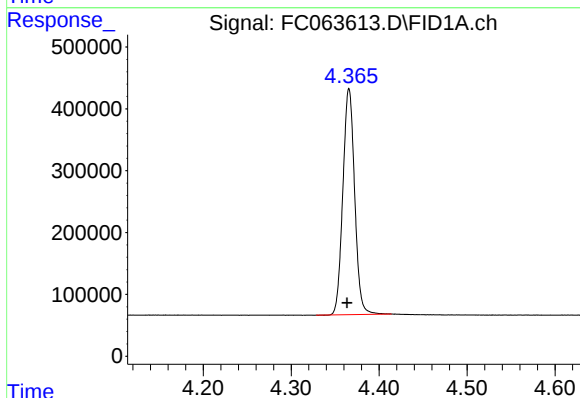




#1 n-Nonane (C9)

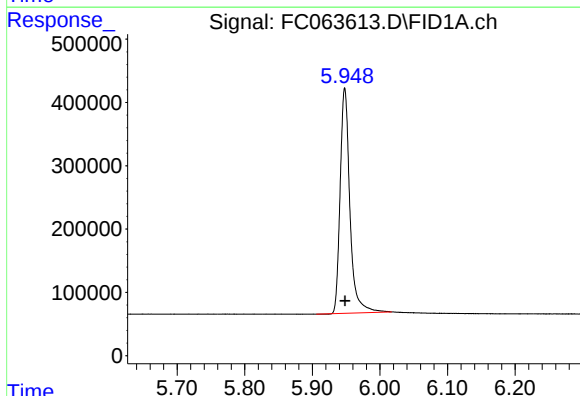
R.T.: 3.303 min
Delta R.T.: 0.002 min
Response: 3346758
Conc: 20.90 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



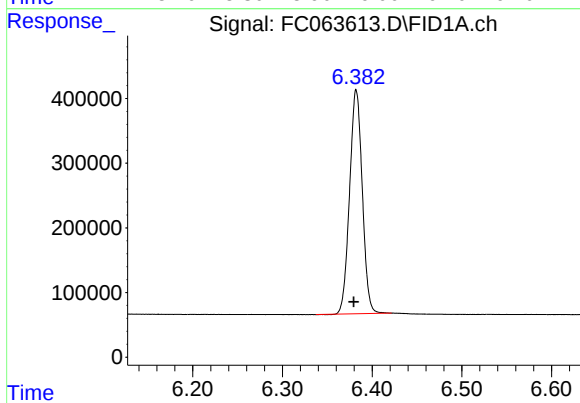
#2 n-Decane (C10)

R.T.: 4.366 min
Delta R.T.: 0.002 min
Response: 3400674
Conc: 21.02 ug/ml



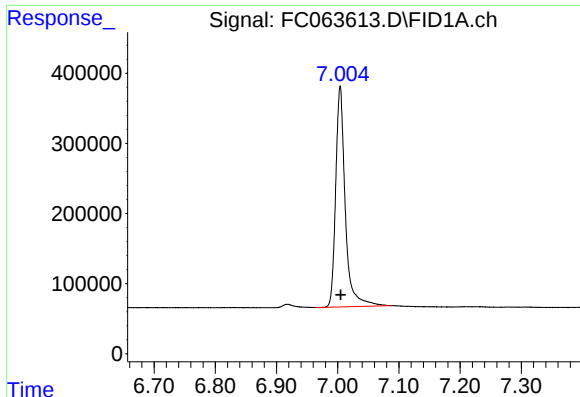
#3 A~Naphthalene (C11.7)

R.T.: 5.948 min
Delta R.T.: 0.000 min
Response: 3562209
Conc: 20.98 ug/ml



#4 n-Dodecane (C12)

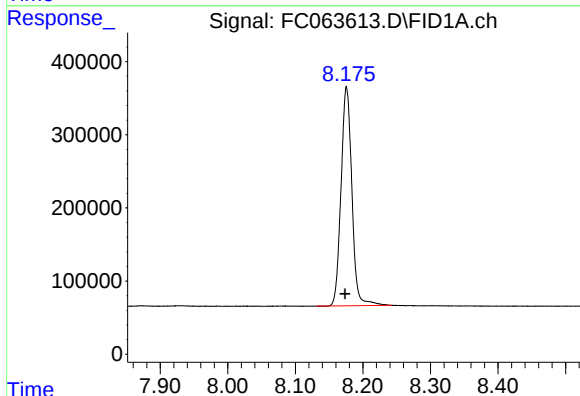
R.T.: 6.382 min
Delta R.T.: 0.003 min
Response: 3403338
Conc: 20.91 ug/ml



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

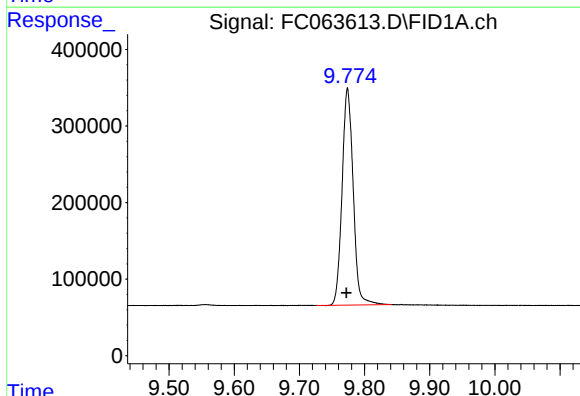
R.T.: 7.004 min
Delta R.T.: 0.000 min
Response: 3420098
Conc: 21.15 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



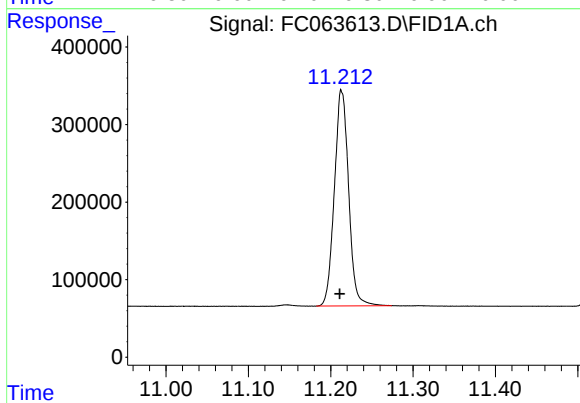
#6 n-Tetradecane (C14)

R.T.: 8.176 min
Delta R.T.: 0.002 min
Response: 3341378
Conc: 21.16 ug/ml



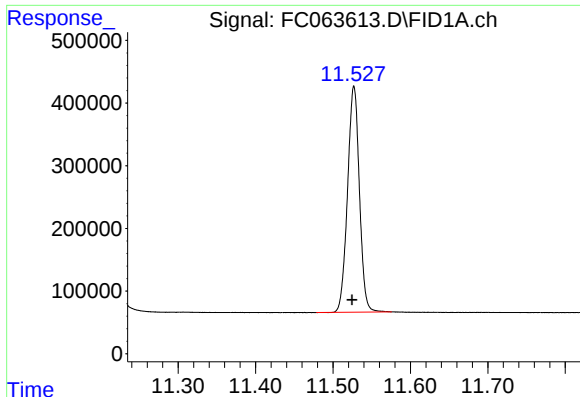
#7 n-Hexadecane (C16)

R.T.: 9.774 min
Delta R.T.: 0.002 min
Response: 3354293
Conc: 20.91 ug/ml



#8 n-Octadecane (C18)

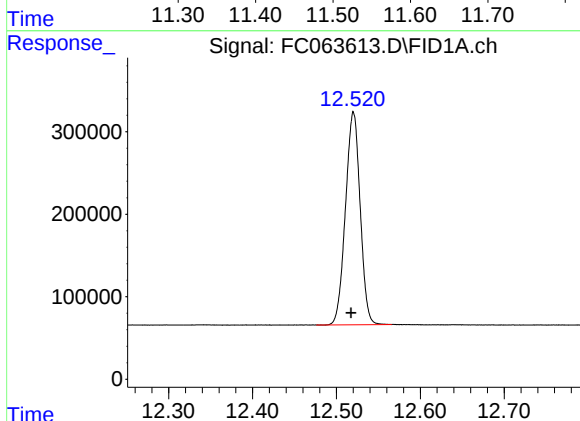
R.T.: 11.213 min
Delta R.T.: 0.002 min
Response: 3347283
Conc: 20.90 ug/ml



#9 ortho-Terphenyl (SURR)

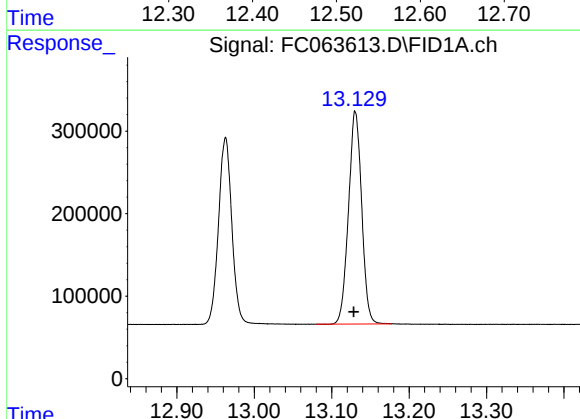
R.T.: 11.527 min
Delta R.T.: 0.003 min
Response: 3837003
Conc: 20.48 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



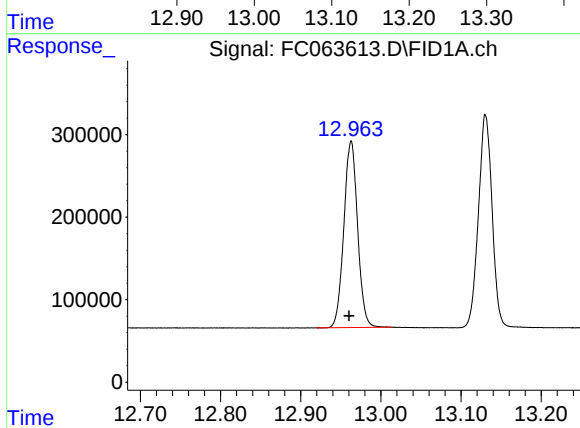
#10 n-Eicosane (C20)

R.T.: 12.520 min
Delta R.T.: 0.003 min
Response: 3138509
Conc: 20.69 ug/ml



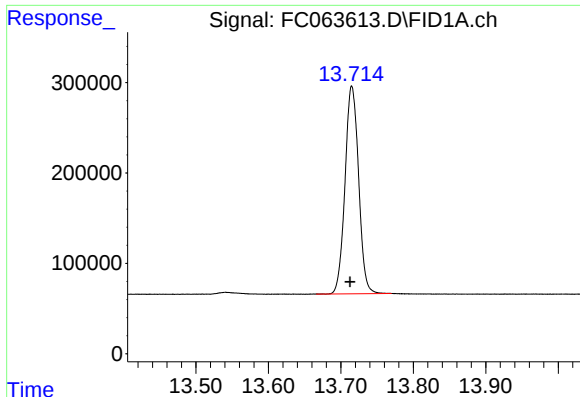
#11 n-Heneicosane (C21)

R.T.: 13.131 min
Delta R.T.: 0.002 min
Response: 3051414
Conc: 20.82 ug/ml



#12 1-chlorooctadecane (SURR)

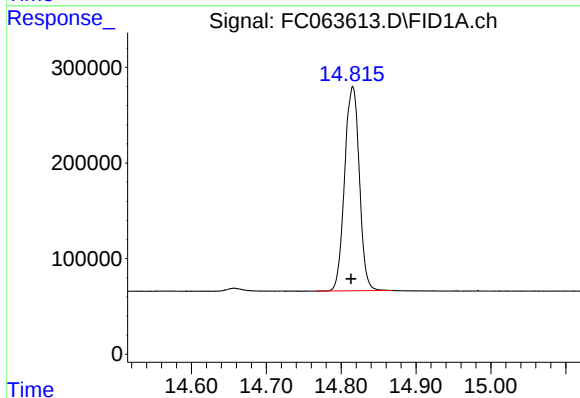
R.T.: 12.963 min
Delta R.T.: 0.003 min
Response: 2690759
Conc: 20.55 ug/ml



#13 n-Docosane (C22)

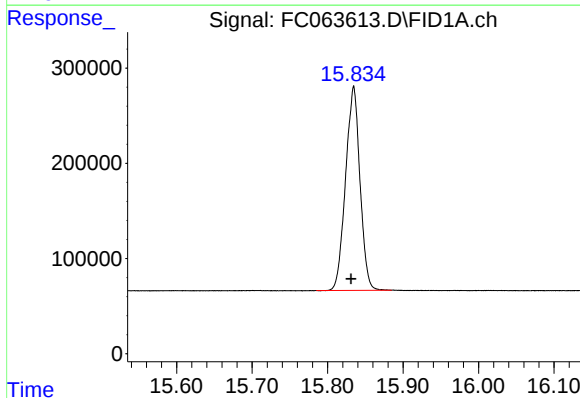
R.T.: 13.715 min
Delta R.T.: 0.002 min
Response: 2992411
Conc: 20.74 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



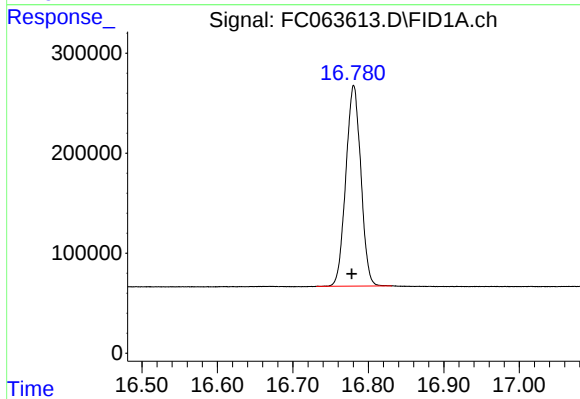
#14 n-Tetracosane (C24)

R.T.: 14.816 min
Delta R.T.: 0.002 min
Response: 2923572
Conc: 20.78 ug/ml



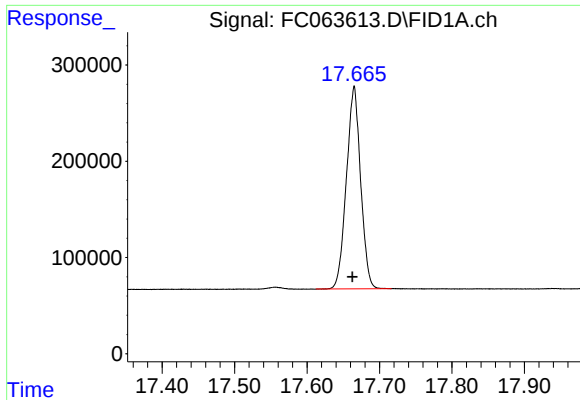
#15 n-Hexacosane (C26)

R.T.: 15.835 min
Delta R.T.: 0.003 min
Response: 2843092
Conc: 20.82 ug/ml



#16 n-Octacosane (C28)

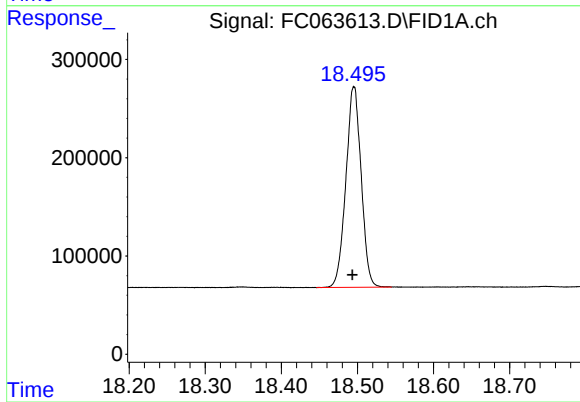
R.T.: 16.781 min
Delta R.T.: 0.003 min
Response: 2774950
Conc: 20.98 ug/ml



#17 n-Tricontane (C30)

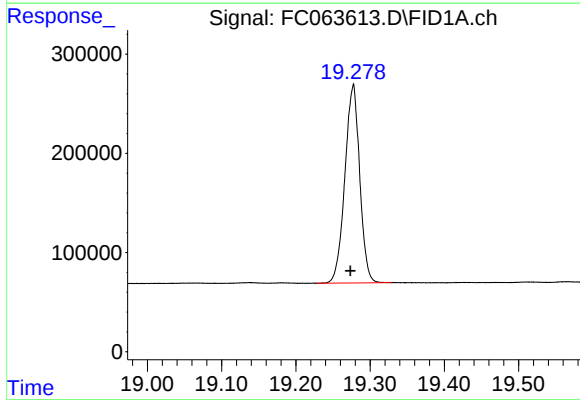
R.T.: 17.665 min
Delta R.T.: 0.003 min
Response: 2867280
Conc: 21.32 ug/ml

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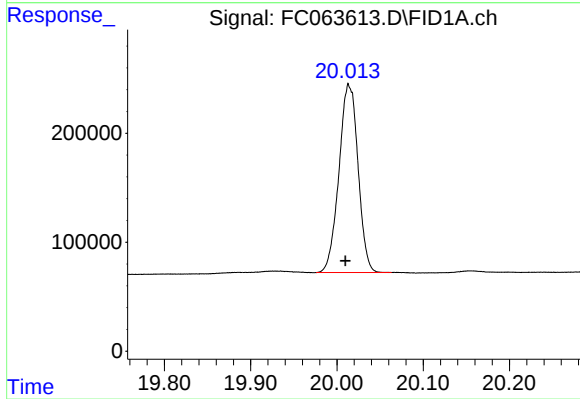
#18 n-Dotriacontane (C32)

R.T.: 18.495 min
Delta R.T.: 0.002 min
Response: 2847068
Conc: 21.32 ug/ml



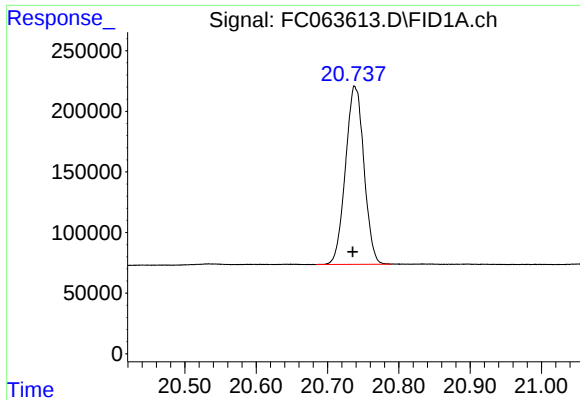
#19 n-Tetratriacontane (C34)

R.T.: 19.277 min
Delta R.T.: 0.004 min
Response: 2773359
Conc: 21.36 ug/ml



#20 n-Hexatriacontane (C36)

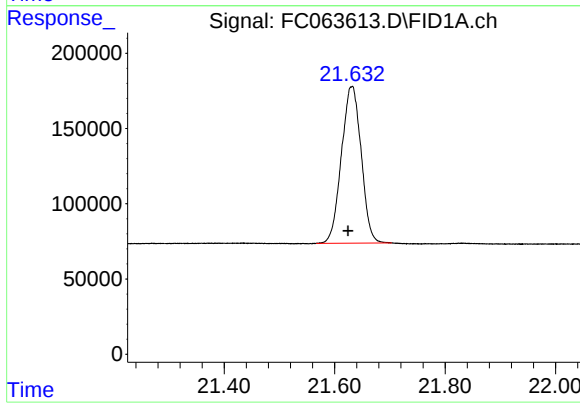
R.T.: 20.014 min
Delta R.T.: 0.004 min
Response: 2655662
Conc: 21.44 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.738 min
Delta R.T.: 0.003 min
Response: 2638286
Conc: 21.11 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.632 min
Delta R.T.: 0.008 min
Response: 2584056
Conc: 21.02 ug/ml