

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC060723AL\
 Data File : FC063777.D
 Signal(s) : FID1A.ch
 Acq On : 07 Jun 2023 19:57
 Operator : YP/AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: Jun 08 00:24:25 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 052723.M
 Quant Title : GC Extractables
 QLast Update : Sat May 27 06:12:33 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)	11.536	3149841	17.261 ug/ml
Spiked Amount 50.000		Recovery =	34.52%
12) S 1-chlorooctadecane (S...	12.971	2247545	17.590 ug/ml
Spiked Amount 50.000		Recovery =	35.18%
Target Compounds			
1) T n-Nonane (C9)	3.312	2853222	17.902 ug/ml
2) T n-Decane (C10)	4.376	2896456	17.918 ug/ml
3) T A~Naphthalene (C11.7)	5.958	2989681	17.209 ug/ml
4) T n-Dodecane (C12)	6.392	2885057	17.644 ug/ml
5) T A~2-methylnaphthalene...	7.015	2855432	17.430 ug/ml
6) T n-Tetradecane (C14)	8.184	2778760	17.669 ug/ml
7) T n-Hexadecane (C16)	9.782	2795873	17.569 ug/ml
8) T n-Octadecane (C18)	11.222	2773055	17.526 ug/ml
10) T n-Eicosane (C20)	12.528	2615518	17.685 ug/ml
11) T n-Heneicosane (C21)	13.139	2536748	17.623 ug/ml
13) T n-Docosane (C22)	13.723	2499915	17.746 ug/ml
14) T n-Tetracosane (C24)	14.824	2456618	17.903 ug/ml
15) T n-Hexacosane (C26)	15.842	2417469	18.232 ug/ml
16) T n-Octacosane (C28)	16.789	2415732	19.025 ug/ml
17) T n-Tricontane (C30)	17.674	2544657	19.917 ug/ml
18) T n-Dotriacontane (C32)	18.504	2561993	20.589 ug/ml
19) T n-Tetratriacontane (C34)	19.286	2500912	20.283 ug/ml
20) T n-Hexatriacontane (C36)	20.022	2412295	20.099 ug/ml
21) T n-Octatriacontane (C38)	20.748	2388684	19.785 ug/ml
22) T n-Tetracontane (C40)	21.641	2339986	19.312 ug/ml

(f)=RT Delta > 1/2 Window

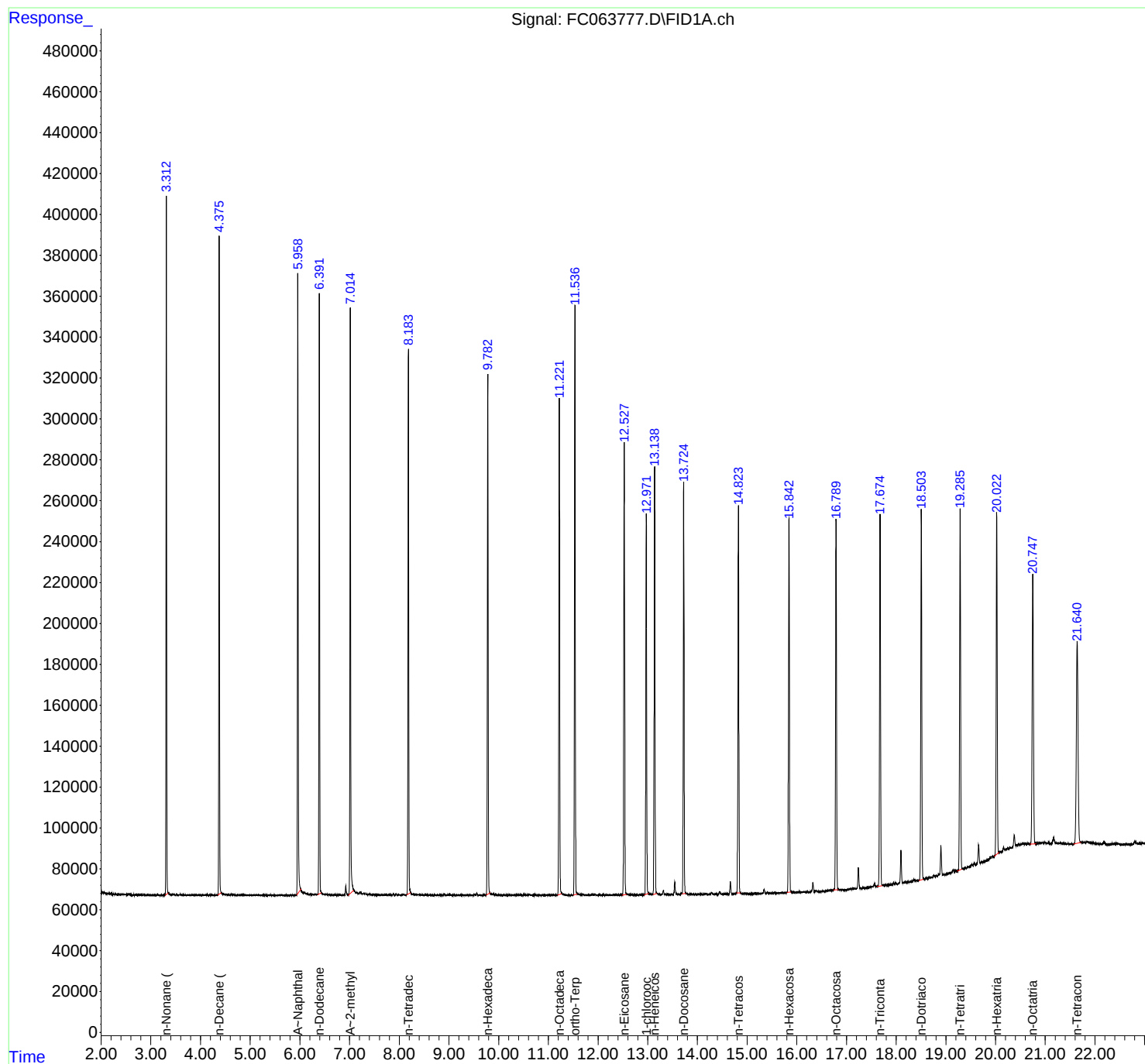
(m)=manual int.

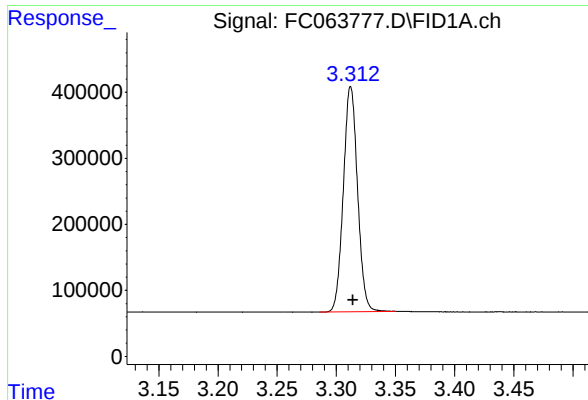
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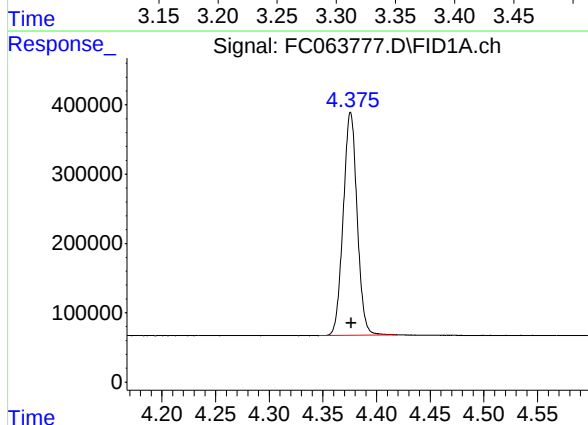




#1 n-Nonane (C9)

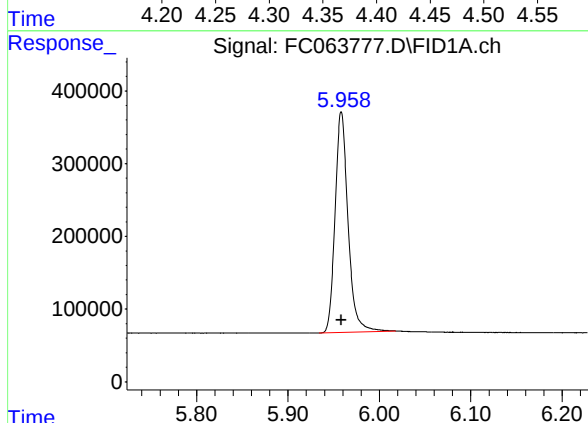
R.T.: 3.312 min
Delta R.T.: -0.002 min
Response: 2853222
Conc: 17.90 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



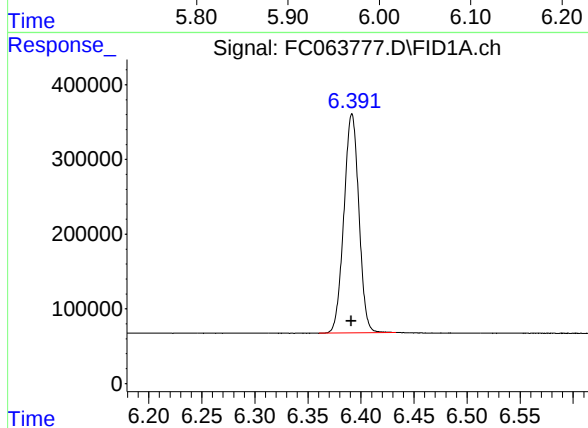
#2 n-Decane (C10)

R.T.: 4.376 min
Delta R.T.: 0.000 min
Response: 2896456
Conc: 17.92 ug/ml



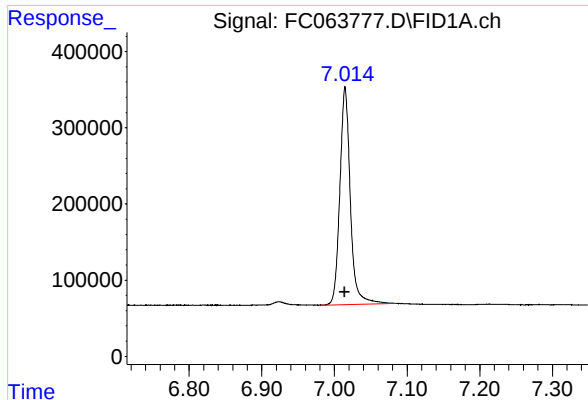
#3 A~Naphthalene (C11.7)

R.T.: 5.958 min
Delta R.T.: 0.000 min
Response: 2989681
Conc: 17.21 ug/ml



#4 n-Dodecane (C12)

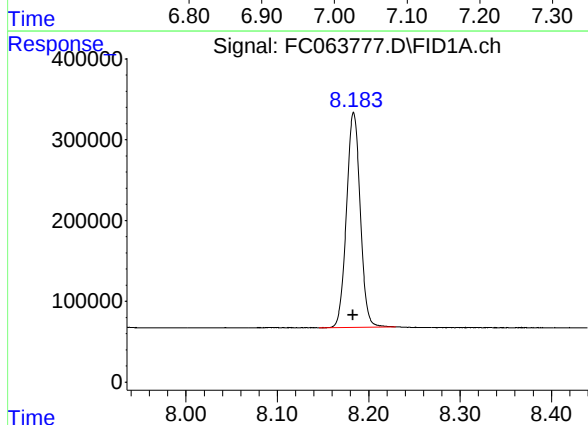
R.T.: 6.392 min
Delta R.T.: 0.000 min
Response: 2885057
Conc: 17.64 ug/ml



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

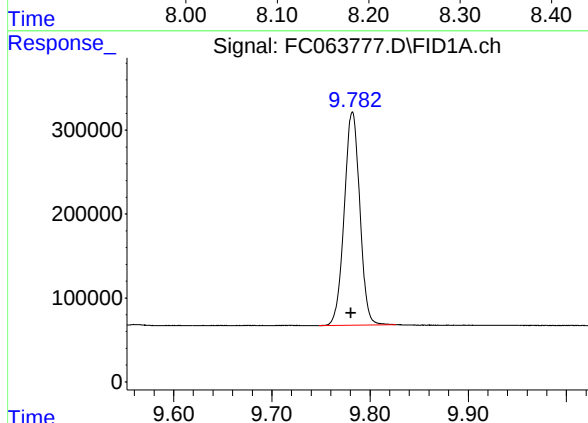
R.T.: 7.015 min
Delta R.T.: 0.000 min
Response: 2855432
Conc: 17.43 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



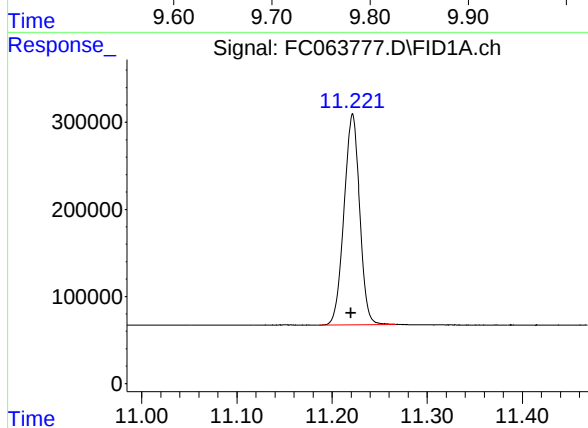
#6 n-Tetradecane (C14)

R.T.: 8.184 min
Delta R.T.: 0.000 min
Response: 2778760
Conc: 17.67 ug/ml



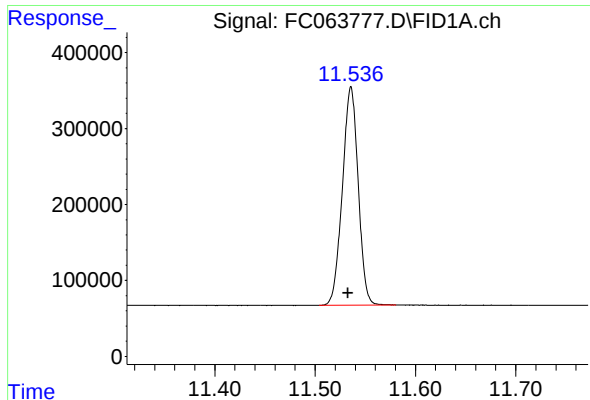
#7 n-Hexadecane (C16)

R.T.: 9.782 min
Delta R.T.: 0.001 min
Response: 2795873
Conc: 17.57 ug/ml



#8 n-Octadecane (C18)

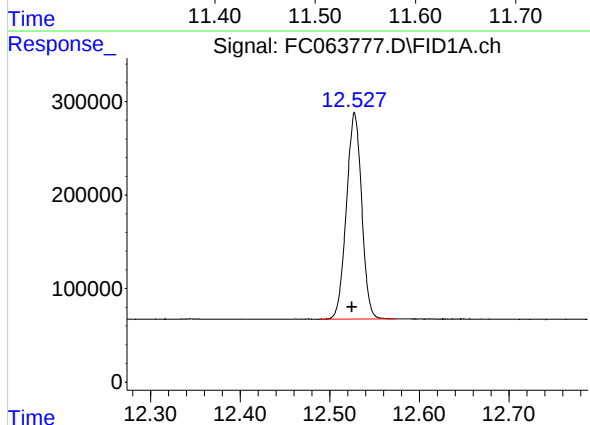
R.T.: 11.222 min
Delta R.T.: 0.002 min
Response: 2773055
Conc: 17.53 ug/ml



#9 ortho-Terphenyl (SURR)

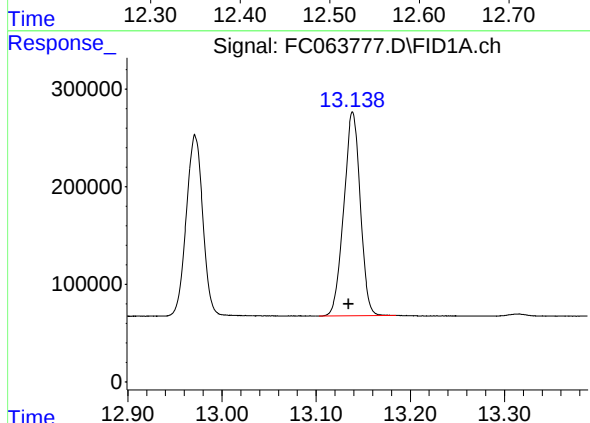
R.T.: 11.536 min
Delta R.T.: 0.003 min
Response: 3149841
Conc: 17.26 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



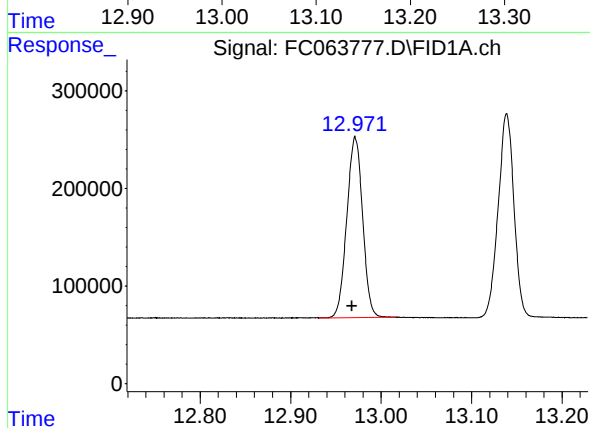
#10 n-Eicosane (C20)

R.T.: 12.528 min
Delta R.T.: 0.003 min
Response: 2615518
Conc: 17.69 ug/ml



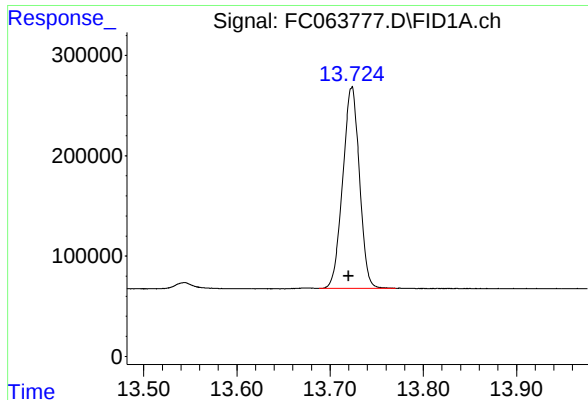
#11 n-Heneicosane (C21)

R.T.: 13.139 min
Delta R.T.: 0.004 min
Response: 2536748
Conc: 17.62 ug/ml



#12 1-chlorooctadecane (SURR)

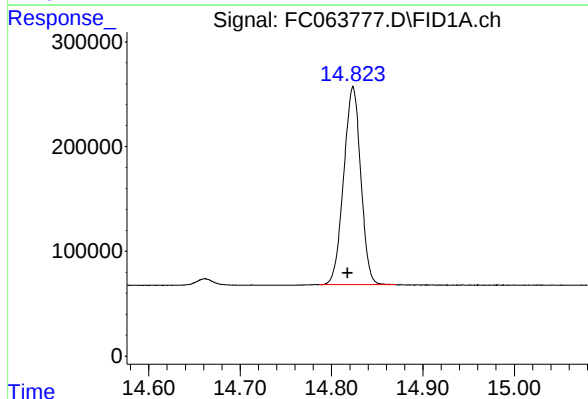
R.T.: 12.971 min
Delta R.T.: 0.004 min
Response: 2247545
Conc: 17.59 ug/ml



#13 n-Docosane (C22)

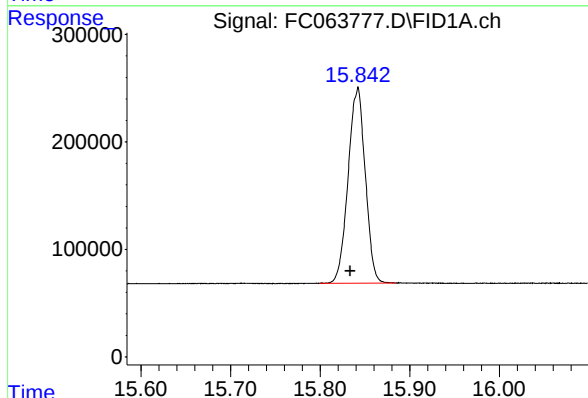
R.T.: 13.723 min
Delta R.T.: 0.004 min
Response: 2499915
Conc: 17.75 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



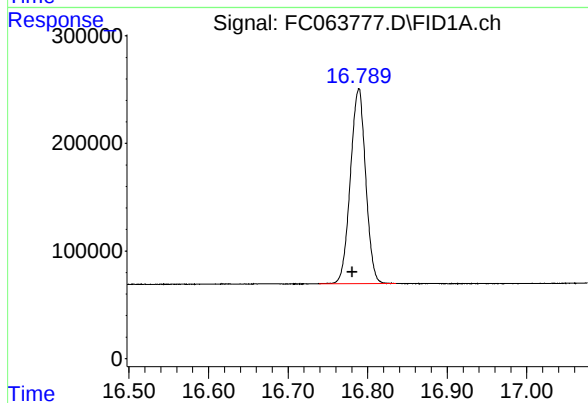
#14 n-Tetracosane (C24)

R.T.: 14.824 min
Delta R.T.: 0.006 min
Response: 2456618
Conc: 17.90 ug/ml



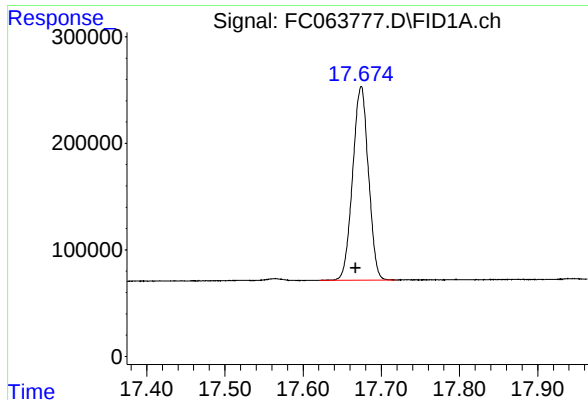
#15 n-Hexacosane (C26)

R.T.: 15.842 min
Delta R.T.: 0.008 min
Response: 2417469
Conc: 18.23 ug/ml



#16 n-Octacosane (C28)

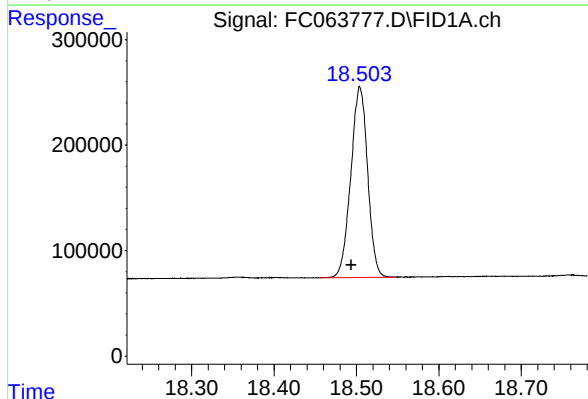
R.T.: 16.789 min
Delta R.T.: 0.008 min
Response: 2415732
Conc: 19.02 ug/ml



#17 n-Tricontane (C30)

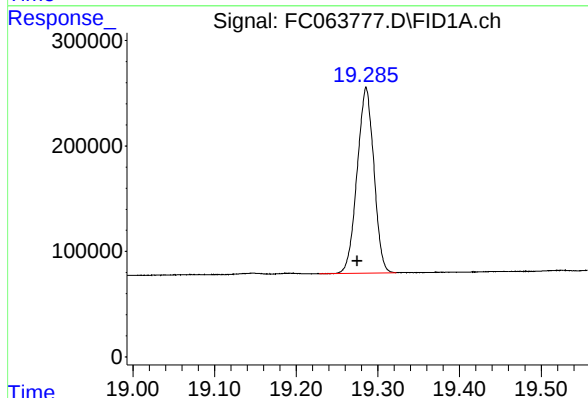
R.T.: 17.674 min
Delta R.T.: 0.007 min
Response: 2544657
Conc: 19.92 ug/ml

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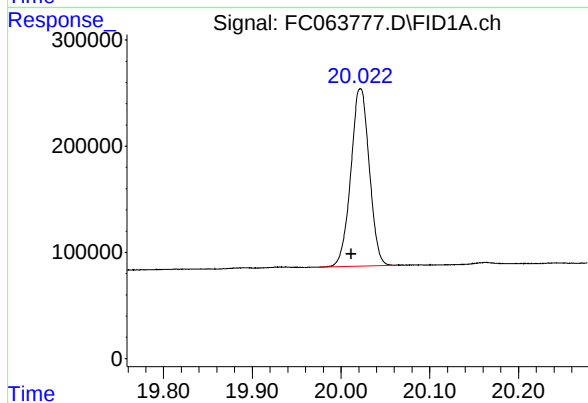
#18 n-Dotriacontane (C32)

R.T.: 18.504 min
Delta R.T.: 0.010 min
Response: 2561993
Conc: 20.59 ug/ml



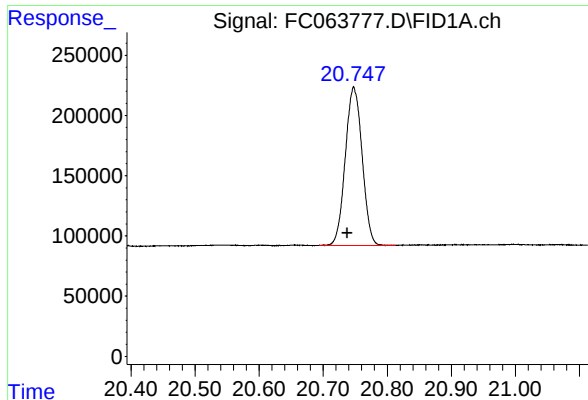
#19 n-Tetatriacontane (C34)

R.T.: 19.286 min
Delta R.T.: 0.011 min
Response: 2500912
Conc: 20.28 ug/ml



#20 n-Hexatriacontane (C36)

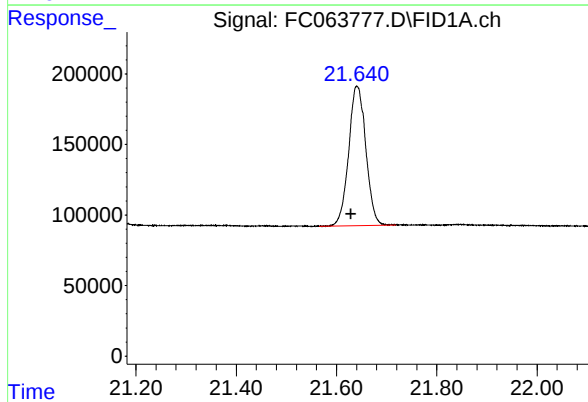
R.T.: 20.022 min
Delta R.T.: 0.010 min
Response: 2412295
Conc: 20.10 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.748 min
Delta R.T.: 0.010 min
Response: 2388684
Conc: 19.79 ug/ml

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20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 21.641 min
Delta R.T.: 0.012 min
Response: 2339986
Conc: 19.31 ug/ml