

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC062623AL\
 Data File : FC063993.D
 Signal(s) : FID1A.ch
 Acq On : 26 Jun 2023 14:36
 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 27 03:54:52 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 062423.M
 Quant Title : GC Extractables
 QLast Update : Sun Jun 25 04:03:48 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)	11.526	3456897	17.804 ug/ml
Spiked Amount 50.000		Recovery =	35.61%
12) S 1-chlorooctadecane (S...	12.962	2480694	17.830 ug/ml
Spiked Amount 50.000		Recovery =	35.66%
Target Compounds			
1) T n-Nonane (C9)	3.303	3166895	17.757 ug/ml
2) T n-Decane (C10)	4.367	3239714	17.903 ug/ml
3) T A~Naphthalene (C11.7)	5.950	3354130	17.982 ug/ml
4) T n-Dodecane (C12)	6.383	3198936	17.757 ug/ml
5) T A~2-methylnaphthalene...	7.005	3172058	18.024 ug/ml
6) T n-Tetradecane (C14)	8.176	3080599	17.808 ug/ml
7) T n-Hexadecane (C16)	9.774	3098434	17.837 ug/ml
8) T n-Octadecane (C18)	11.213	3073532	17.833 ug/ml
10) T n-Eicosane (C20)	12.519	2896482	17.743 ug/ml
11) T n-Heneicosane (C21)	13.129	2816887	17.581 ug/ml
13) T n-Docosane (C22)	13.713	2806166	17.858 ug/ml
14) T n-Tetracosane (C24)	14.813	2783323	17.658 ug/ml
15) T n-Hexacosane (C26)	15.832	2713368	17.959 ug/ml
16) T n-Octacosane (C28)	16.778	2744547	18.214 ug/ml
17) T n-Tricontane (C30)	17.665	2979754	19.085 ug/ml
18) T n-Dotriacontane (C32)	18.492	3059081	19.364 ug/ml
19) T n-Tetratriacontane (C34)	19.274	2937665	19.091 ug/ml
20) T n-Hexatriacontane (C36)	20.011	2756728	18.672 ug/ml
21) T n-Octatriacontane (C38)	20.736	2693492	18.184 ug/ml
22) T n-Tetracontane (C40)	21.625	2673747	18.344 ug/ml

(f)=RT Delta > 1/2 Window

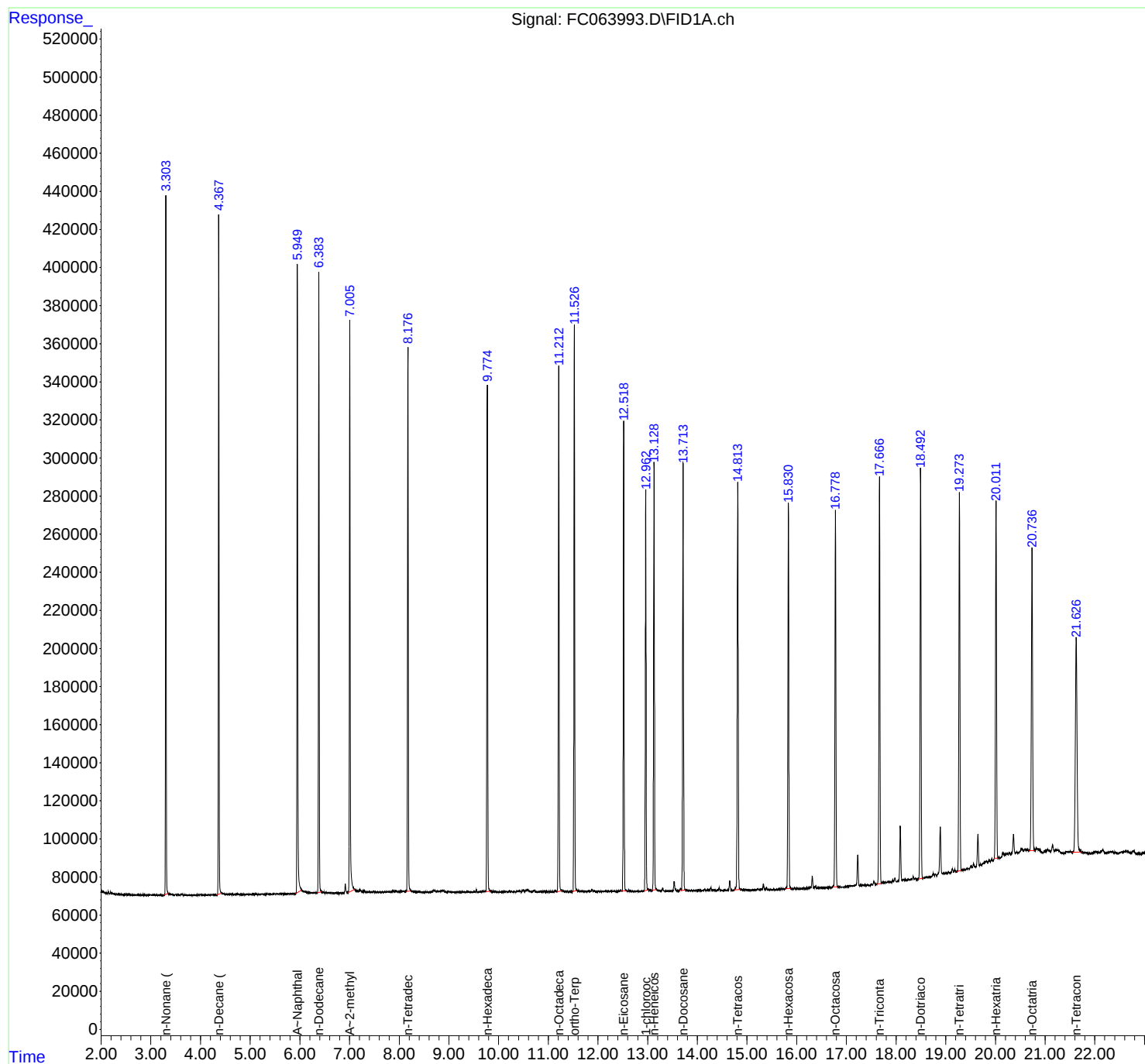
(m)=manual int.

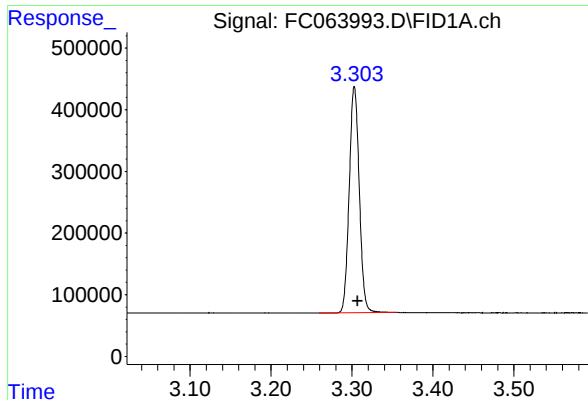
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC062623AL\
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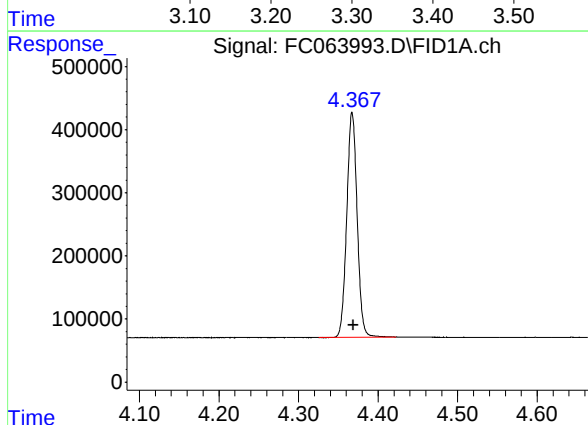




#1 n-Nonane (C9)

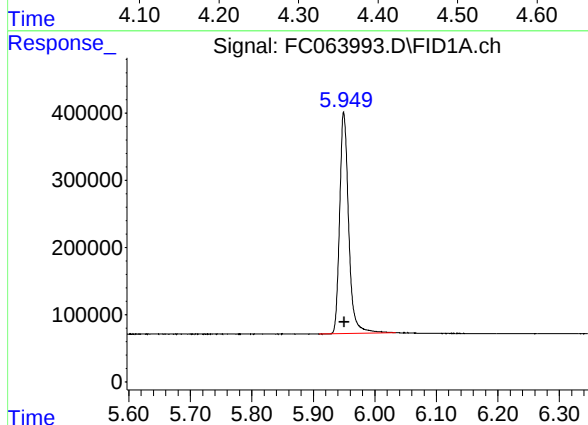
R.T.: 3.303 min
Delta R.T.: -0.004 min
Response: 3166895
Conc: 17.76 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



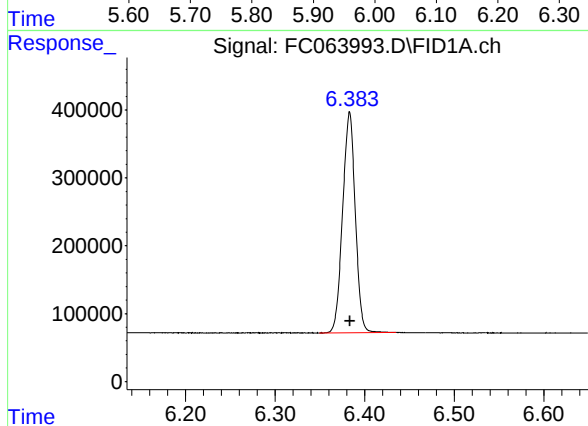
#2 n-Decane (C10)

R.T.: 4.367 min
Delta R.T.: -0.002 min
Response: 3239714
Conc: 17.90 ug/ml



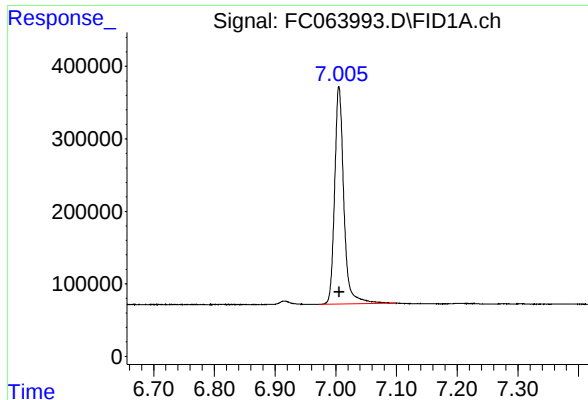
#3 A~Naphthalene (C11.7)

R.T.: 5.950 min
Delta R.T.: 0.000 min
Response: 3354130
Conc: 17.98 ug/ml



#4 n-Dodecane (C12)

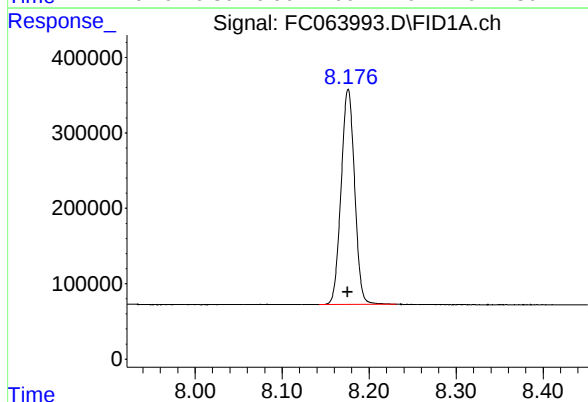
R.T.: 6.383 min
Delta R.T.: 0.000 min
Response: 3198936
Conc: 17.76 ug/ml



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

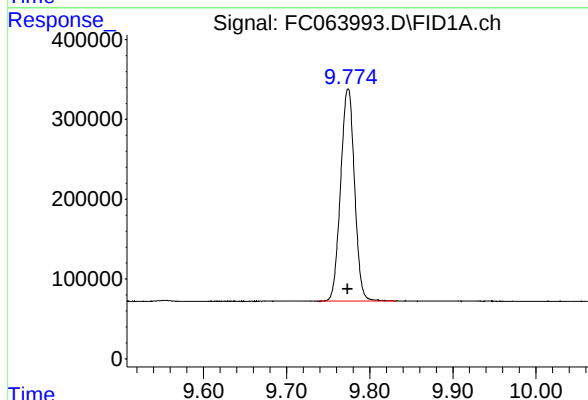
R.T.: 7.005 min
Delta R.T.: 0.000 min
Response: 3172058
Conc: 18.02 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



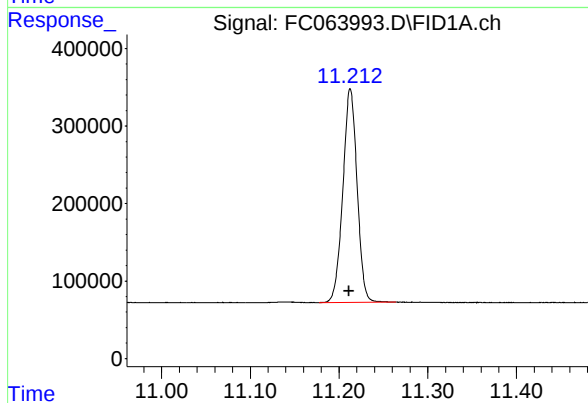
#6 n-Tetradecane (C14)

R.T.: 8.176 min
Delta R.T.: 0.000 min
Response: 3080599
Conc: 17.81 ug/ml



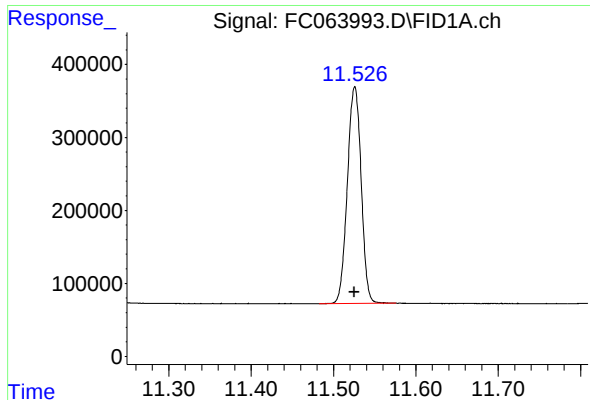
#7 n-Hexadecane (C16)

R.T.: 9.774 min
Delta R.T.: 0.000 min
Response: 3098434
Conc: 17.84 ug/ml



#8 n-Octadecane (C18)

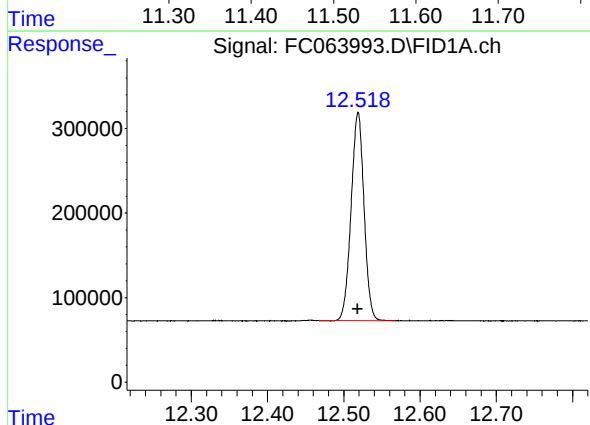
R.T.: 11.213 min
Delta R.T.: 0.002 min
Response: 3073532
Conc: 17.83 ug/ml



#9 ortho-Terphenyl (SURR)

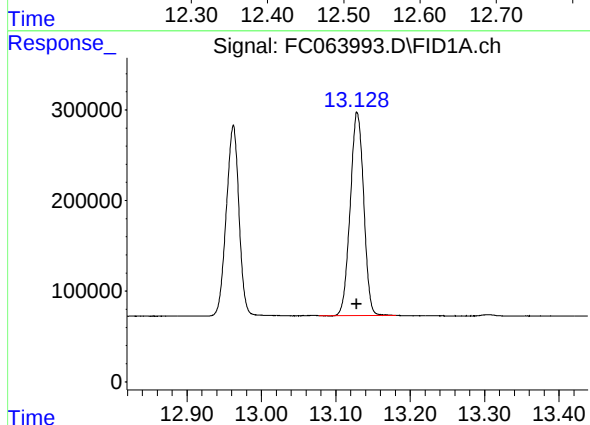
R.T.: 11.526 min
Delta R.T.: 0.000 min
Response: 3456897
Conc: 17.80 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



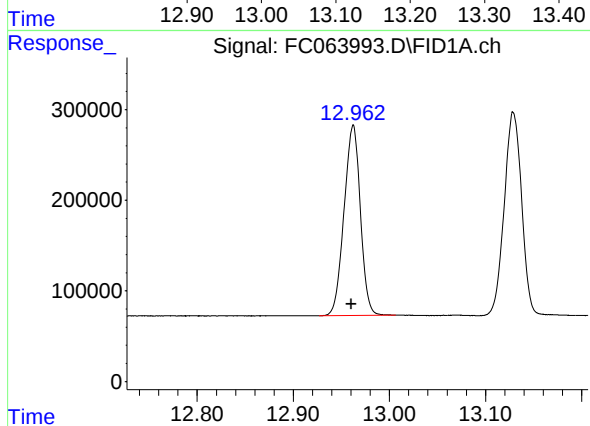
#10 n-Eicosane (C20)

R.T.: 12.519 min
Delta R.T.: 0.000 min
Response: 2896482
Conc: 17.74 ug/ml



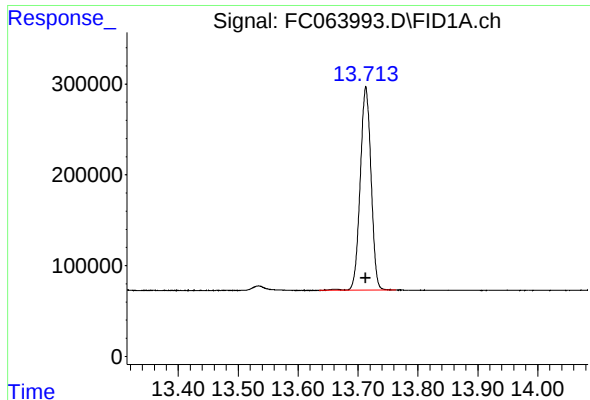
#11 n-Heneicosane (C21)

R.T.: 13.129 min
Delta R.T.: 0.000 min
Response: 2816887
Conc: 17.58 ug/ml



#12 1-chlorooctadecane (SURR)

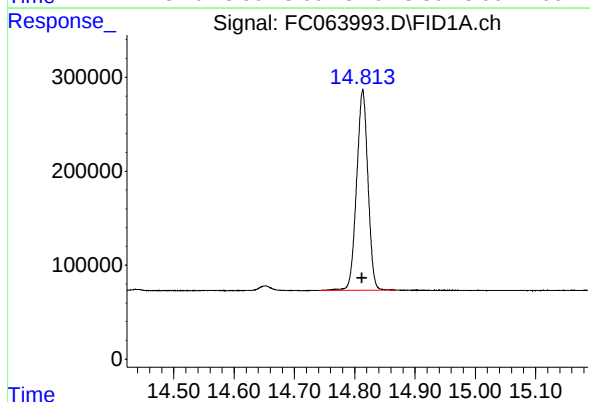
R.T.: 12.962 min
Delta R.T.: 0.002 min
Response: 2480694
Conc: 17.83 ug/ml



#13 n-Docosane (C22)

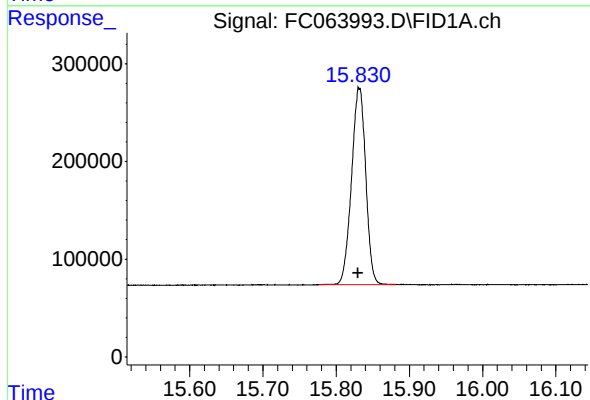
R.T.: 13.713 min
Delta R.T.: 0.000 min
Response: 2806166
Conc: 17.86 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



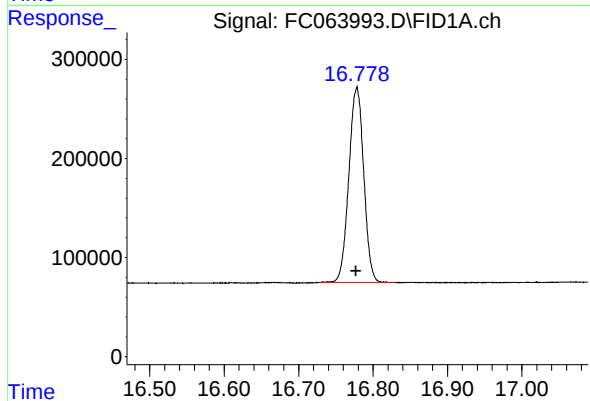
#14 n-Tetracosane (C24)

R.T.: 14.813 min
Delta R.T.: 0.001 min
Response: 2783323
Conc: 17.66 ug/ml



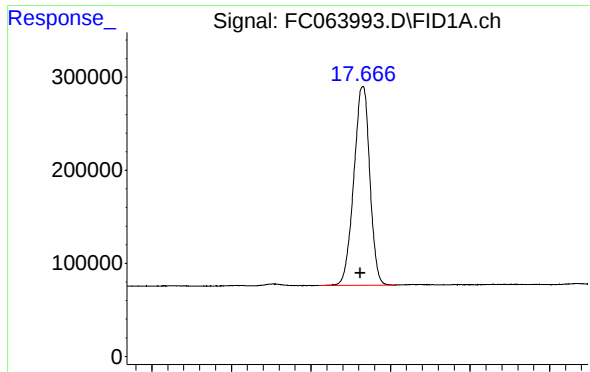
#15 n-Hexacosane (C26)

R.T.: 15.832 min
Delta R.T.: 0.001 min
Response: 2713368
Conc: 17.96 ug/ml



#16 n-Octacosane (C28)

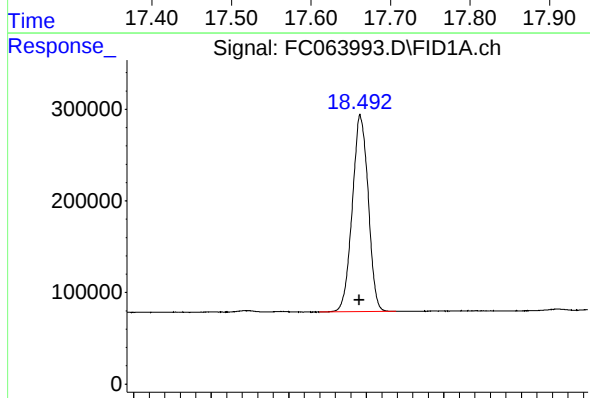
R.T.: 16.778 min
Delta R.T.: 0.001 min
Response: 2744547
Conc: 18.21 ug/ml



#17 n-Tricontane (C30)

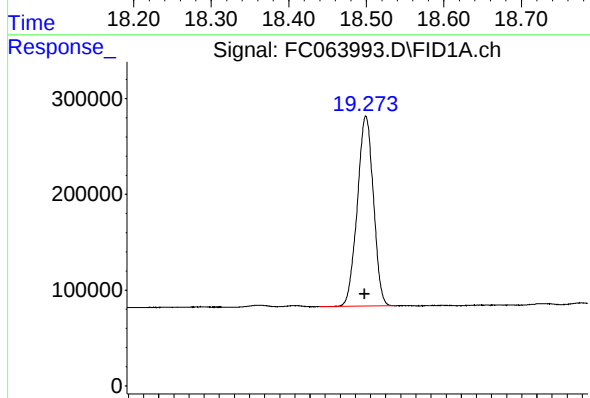
R.T.: 17.665 min
Delta R.T.: 0.003 min
Response: 2979754
Conc: 19.09 ug/ml

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20 PPM ALIPHATIC HC STD



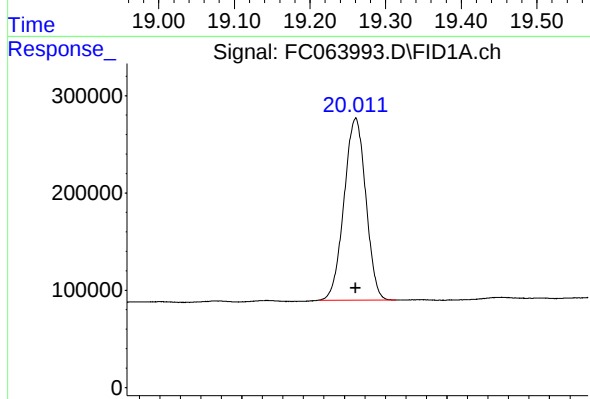
#18 n-Dotriacontane (C32)

R.T.: 18.492 min
Delta R.T.: 0.001 min
Response: 3059081
Conc: 19.36 ug/ml



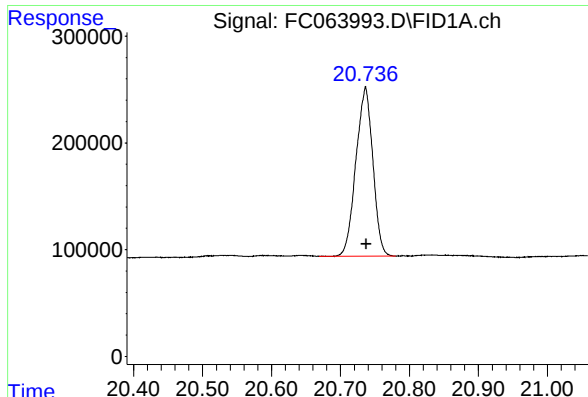
#19 n-Tetatriacontane (C34)

R.T.: 19.274 min
Delta R.T.: 0.002 min
Response: 2937665
Conc: 19.09 ug/ml



#20 n-Hexatriacontane (C36)

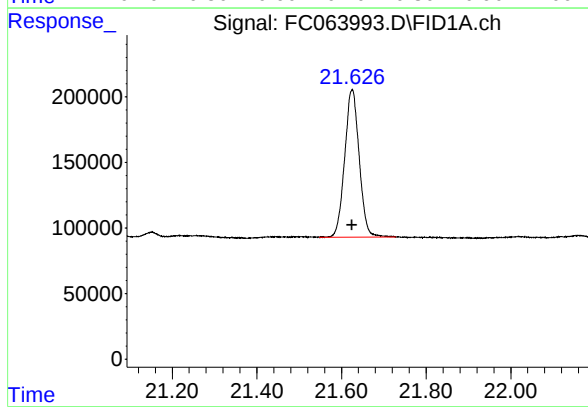
R.T.: 20.011 min
Delta R.T.: 0.000 min
Response: 2756728
Conc: 18.67 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.736 min
Delta R.T.: -0.001 min
Response: 2693492
Conc: 18.18 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.625 min
Delta R.T.: 0.000 min
Response: 2673747
Conc: 18.34 ug/ml