

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC052622AL\
 Data File : FC059929.D
 Signal(s) : FID1A.CH
 Acq On : 26 May 2022 9:54
 Operator : UA/NP
 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: May 26 12:00:57 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 052522.M
 Quant Title : GC Extractables
 QLast Update : Wed May 25 01:57:57 2022
 Response via : Initial Calibration
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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)	10.636	3298731	20.970 ug/ml
Spiked Amount 50.000		Recovery =	41.94%
12) S 1-chlorooctadecane (S...	12.004	2630966	20.854 ug/ml
Spiked Amount 50.000		Recovery =	41.71%
Target Compounds			
1) T n-Nonane (C9)	2.620	2698982	20.588 ug/ml
2) T n-Decane (C10)	3.619	2710497	20.895 ug/ml
3) T A~Naphthalene (C11.7)	5.154	3115286	21.320 ug/ml
4) T n-Dodecane (C12)	5.571	2808324	20.931 ug/ml
5) T A~2-methylnaphthalene...	6.177	3147634	20.970 ug/ml
6) T n-Tetradecane (C14)	7.321	2904594	21.277 ug/ml
7) T n-Hexadecane (C16)	8.884	2972642	21.126 ug/ml
8) T n-Octadecane (C18)	10.291	3028304	21.040 ug/ml
10) T n-Eicosane (C20)	11.570	3013185	20.857 ug/ml
11) T n-Heneicosane (C21)	12.168	3026275	20.867 ug/ml
13) T n-Docosane (C22)	12.740	3018130	20.687 ug/ml
14) T n-Tetracosane (C24)	13.818	2976722	20.387 ug/ml
15) T n-Hexacosane (C26)	14.816	2874915	20.006 ug/ml
16) T n-Octacosane (C28)	15.743	2758297	19.677 ug/ml
17) T n-Tricontane (C30)	16.610	2608264	19.524 ug/ml
18) T n-Dotriacontane (C32)	17.423	2375170	19.488 ug/ml
19) T n-Tetratriacontane (C34)	18.188	2129787	20.031 ug/ml
20) T n-Hexatriacontane (C36)	18.909	1995209	20.764 ug/ml
21) T n-Octatriacontane (C38)	19.592	1933693	20.975 ug/ml
22) T n-Tetracontane (C40)	20.239	1958557	20.452 ug/ml

(f)=RT Delta > 1/2 Window

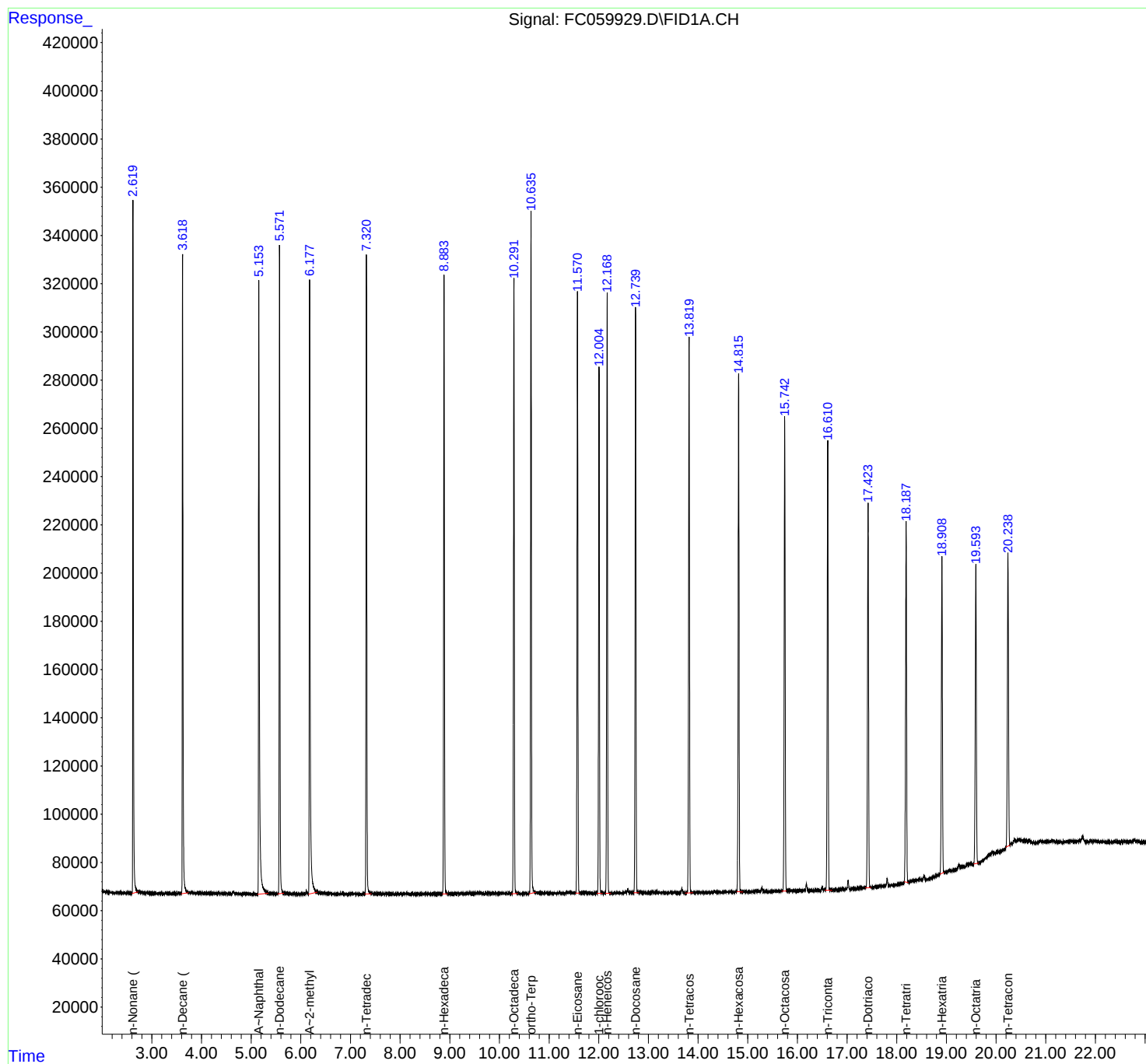
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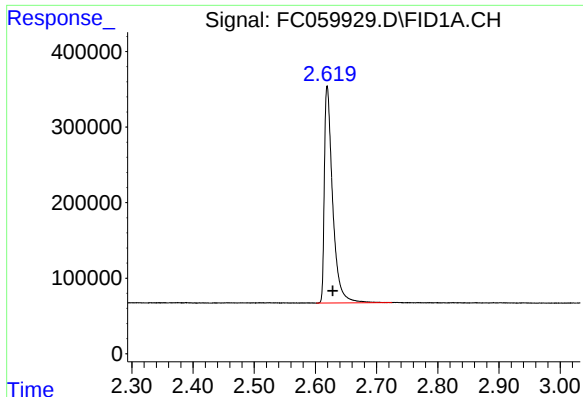
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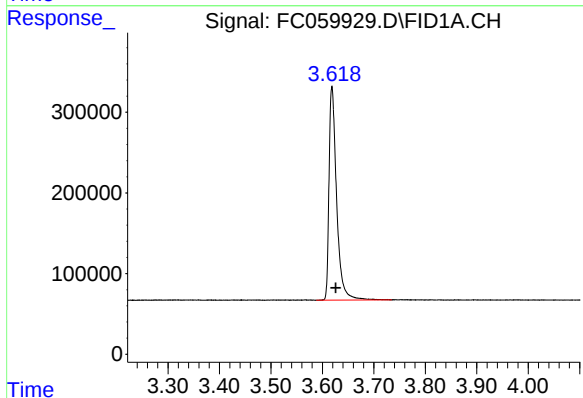




#1 n-Nonane (C9)

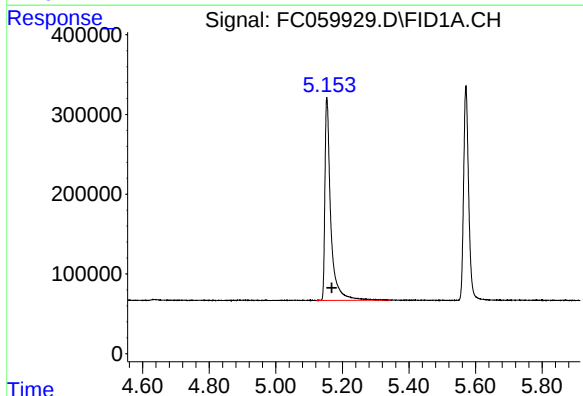
R.T.: 2.620 min
Delta R.T.: -0.008 min
Response: 2698982
Conc: 20.59 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



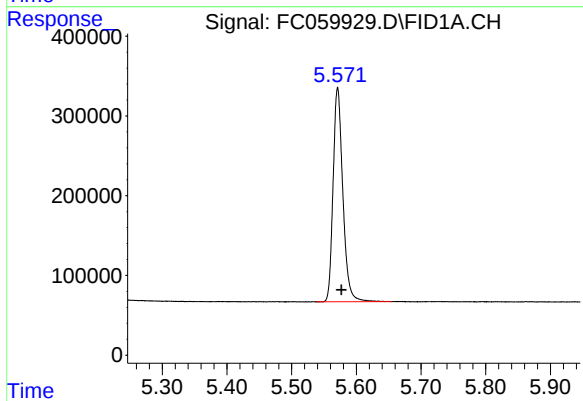
#2 n-Decane (C10)

R.T.: 3.619 min
Delta R.T.: -0.007 min
Response: 2710497
Conc: 20.90 ug/ml



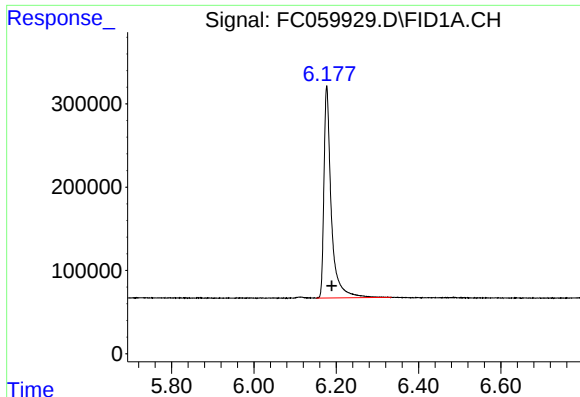
#3 A~Naphthalene (C11.7)

R.T.: 5.154 min
Delta R.T.: -0.013 min
Response: 3115286
Conc: 21.32 ug/ml



#4 n-Dodecane (C12)

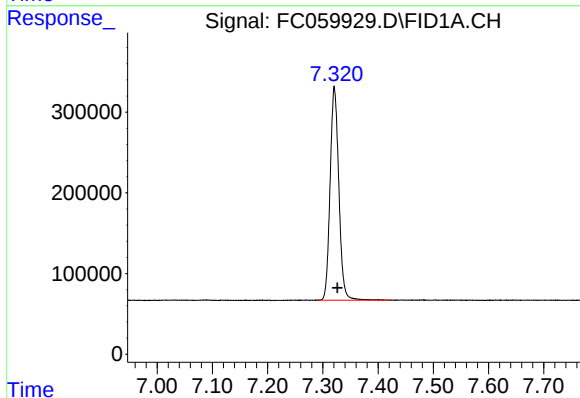
R.T.: 5.571 min
Delta R.T.: -0.006 min
Response: 2808324
Conc: 20.93 ug/ml



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

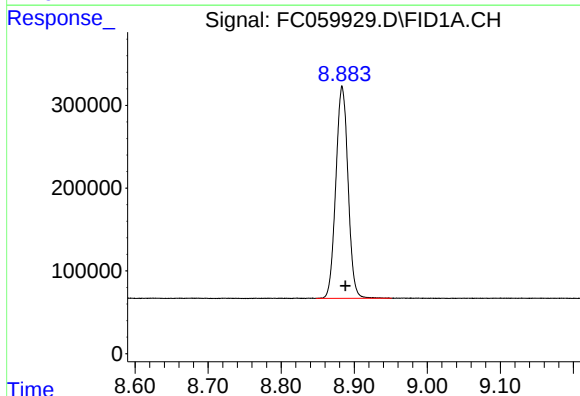
R.T.: 6.177 min
Delta R.T.: -0.012 min
Response: 3147634
Conc: 20.97 ug/ml

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20 PPM ALIPHATIC HC STD



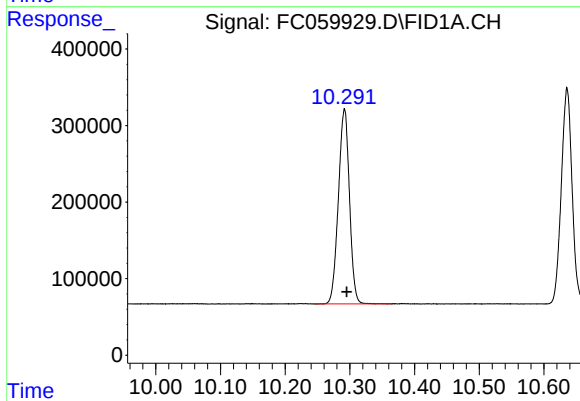
#6 n-Tetradecane (C14)

R.T.: 7.321 min
Delta R.T.: -0.005 min
Response: 2904594
Conc: 21.28 ug/ml



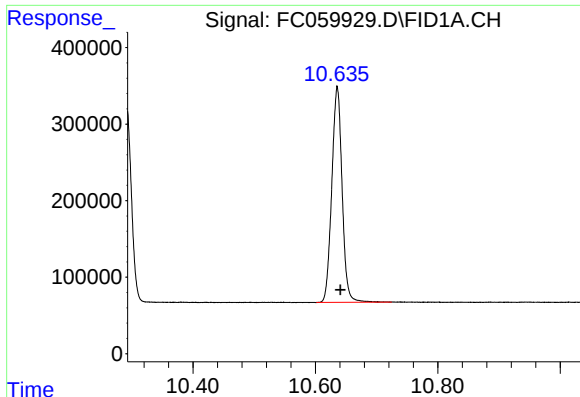
#7 n-Hexadecane (C16)

R.T.: 8.884 min
Delta R.T.: -0.005 min
Response: 2972642
Conc: 21.13 ug/ml



#8 n-Octadecane (C18)

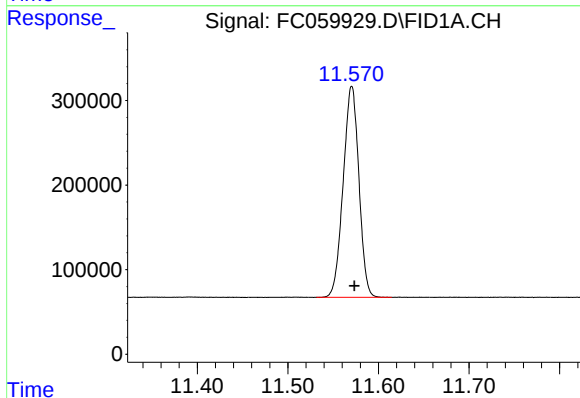
R.T.: 10.291 min
Delta R.T.: -0.004 min
Response: 3028304
Conc: 21.04 ug/ml



#9 ortho-Terphenyl (SURR)

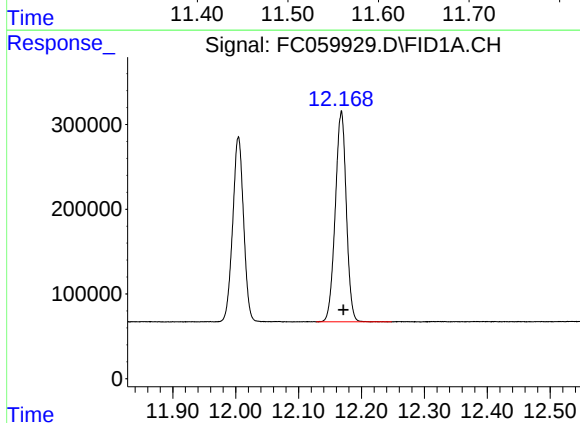
R.T.: 10.636 min
Delta R.T.: -0.005 min
Response: 3298731
Conc: 20.97 ug/ml

Instrument :
FID_C
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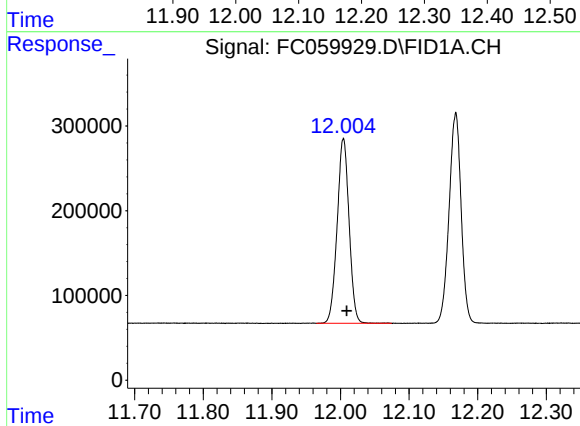
#10 n-Eicosane (C20)

R.T.: 11.570 min
Delta R.T.: -0.003 min
Response: 3013185
Conc: 20.86 ug/ml



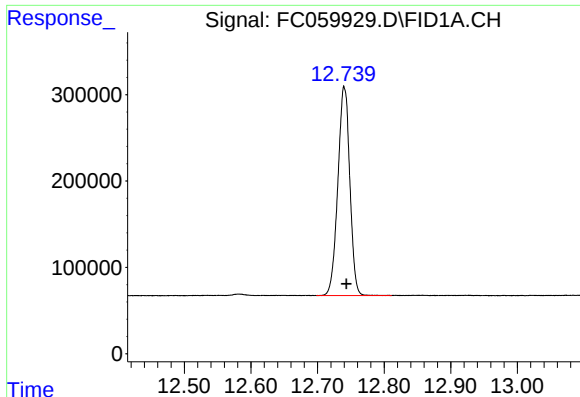
#11 n-Heneicosane (C21)

R.T.: 12.168 min
Delta R.T.: -0.003 min
Response: 3026275
Conc: 20.87 ug/ml



#12 1-chlorooctadecane (SURR)

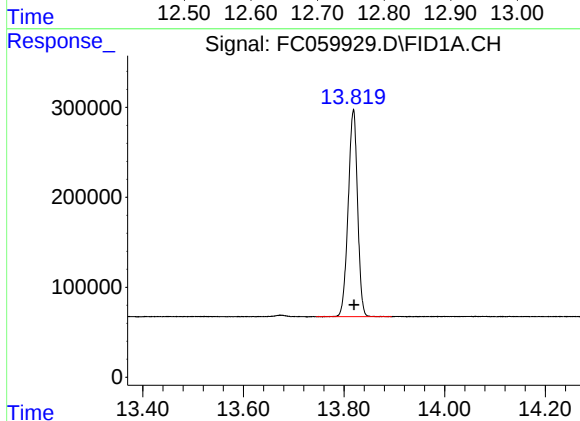
R.T.: 12.004 min
Delta R.T.: -0.005 min
Response: 2630966
Conc: 20.85 ug/ml



#13 n-Docosane (C22)

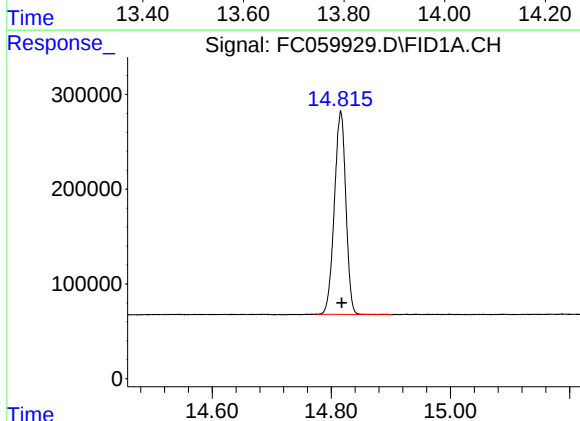
R.T.: 12.740 min
Delta R.T.: -0.003 min
Response: 3018130
Conc: 20.69 ug/ml

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20 PPM ALIPHATIC HC STD



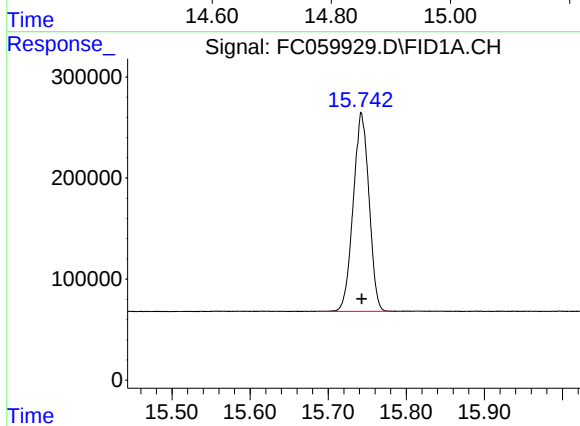
#14 n-Tetracosane (C24)

R.T.: 13.818 min
Delta R.T.: -0.002 min
Response: 2976722
Conc: 20.39 ug/ml



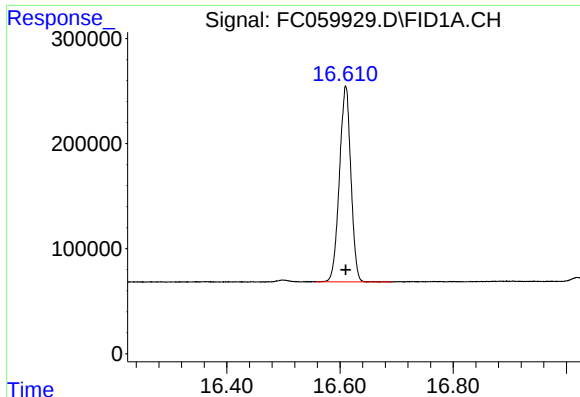
#15 n-Hexacosane (C26)

R.T.: 14.816 min
Delta R.T.: -0.002 min
Response: 2874915
Conc: 20.01 ug/ml



#16 n-Octacosane (C28)

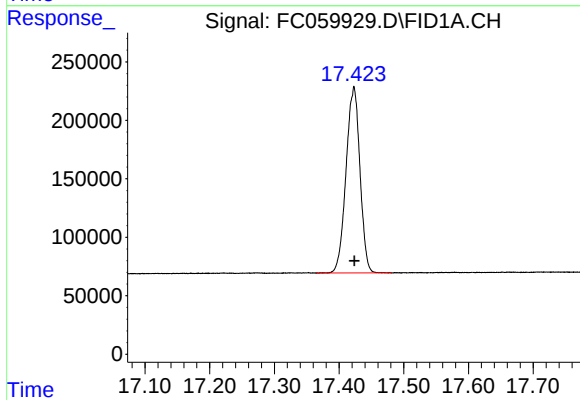
R.T.: 15.743 min
Delta R.T.: 0.000 min
Response: 2758297
Conc: 19.68 ug/ml



#17 n-Tricontane (C30)

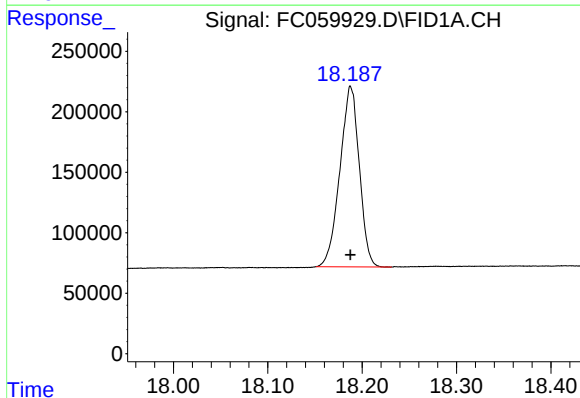
R.T.: 16.610 min
Delta R.T.: 0.000 min
Response: 2608264
Conc: 19.52 ug/ml

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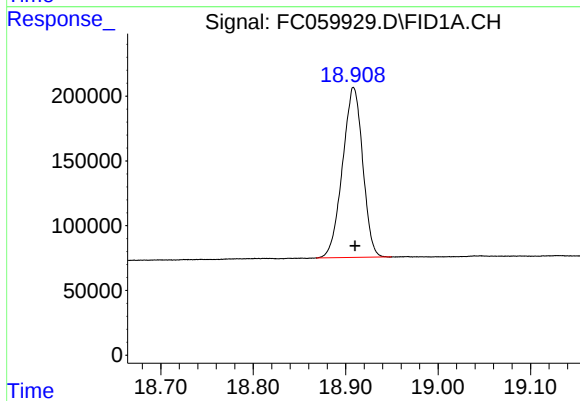
#18 n-Dotriacontane (C32)

R.T.: 17.423 min
Delta R.T.: -0.001 min
Response: 2375170
Conc: 19.49 ug/ml



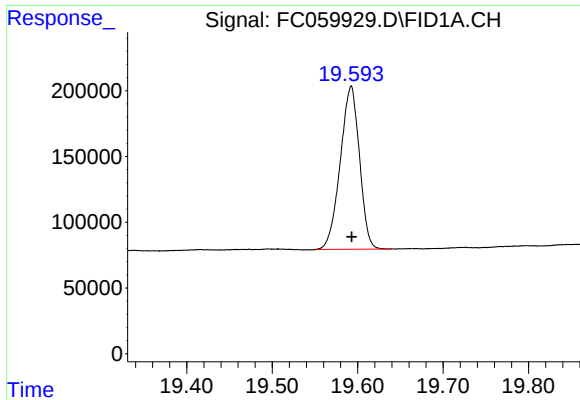
#19 n-Tetratriacontane (C34)

R.T.: 18.188 min
Delta R.T.: 0.000 min
Response: 2129787
Conc: 20.03 ug/ml



#20 n-Hexatriacontane (C36)

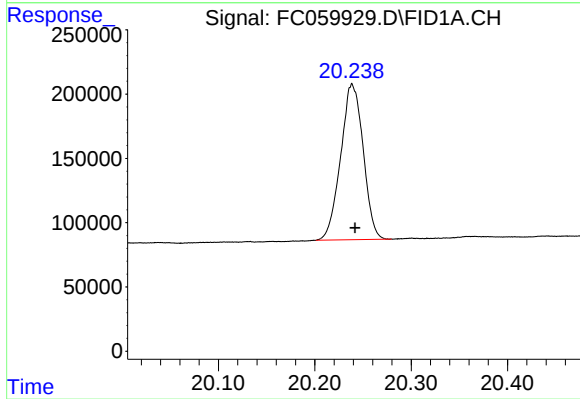
R.T.: 18.909 min
Delta R.T.: -0.001 min
Response: 1995209
Conc: 20.76 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 19.592 min
Delta R.T.: -0.001 min
Response: 1933693
Conc: 20.97 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 20.239 min
Delta R.T.: -0.003 min
Response: 1958557
Conc: 20.45 ug/ml