

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC052522AL\
 Data File : FC059906.D
 Signal(s) : FID1A.CH
 Acq On : 25 May 2022 00:04
 Operator : UA/NP
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: sample.E
 Quant Time: May 25 01:59:59 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)	10.639	3156171	20.063 ug/ml
Spiked Amount 50.000		Recovery =	40.13%
12) S 1-chlorooctadecane (S...	12.008	2537277	20.111 ug/ml
Spiked Amount 50.000		Recovery =	40.22%
Target Compounds			
1) T n-Nonane (C9)	2.621	2634712	20.098 ug/ml
2) T n-Decane (C10)	3.620	2631319	20.285 ug/ml
3) T A~Naphthalene (C11.7)	5.155	2978995	20.387 ug/ml
4) T n-Dodecane (C12)	5.572	2712178	20.215 ug/ml
5) T A~2-methylnaphthalene...	6.178	3023372	20.142 ug/ml
6) T n-Tetradecane (C14)	7.322	2742176	20.087 ug/ml
7) T n-Hexadecane (C16)	8.886	2819090	20.035 ug/ml
8) T n-Octadecane (C18)	10.294	2882968	20.030 ug/ml
10) T n-Eicosane (C20)	11.574	2894336	20.035 ug/ml
11) T n-Heneicosane (C21)	12.171	2927956	20.189 ug/ml
13) T n-Docosane (C22)	12.744	2927584	20.067 ug/ml
14) T n-Tetracosane (C24)	13.821	2942586	20.153 ug/ml
15) T n-Hexacosane (C26)	14.819	2886124	20.084 ug/ml
16) T n-Octacosane (C28)	15.747	2794489	19.936 ug/ml
17) T n-Tricontane (C30)	16.612	2641714	19.774 ug/ml
18) T n-Dotriacontane (C32)	17.426	2379121	19.520 ug/ml
19) T n-Tetratriacontane (C34)	18.190	2101556	19.766 ug/ml
20) T n-Hexatriacontane (C36)	18.911	1895502	19.727 ug/ml
21) T n-Octatriacontane (C38)	19.595	1832353	19.876 ug/ml
22) T n-Tetracontane (C40)	20.242	1874636	19.576 ug/ml

(f)=RT Delta > 1/2 Window

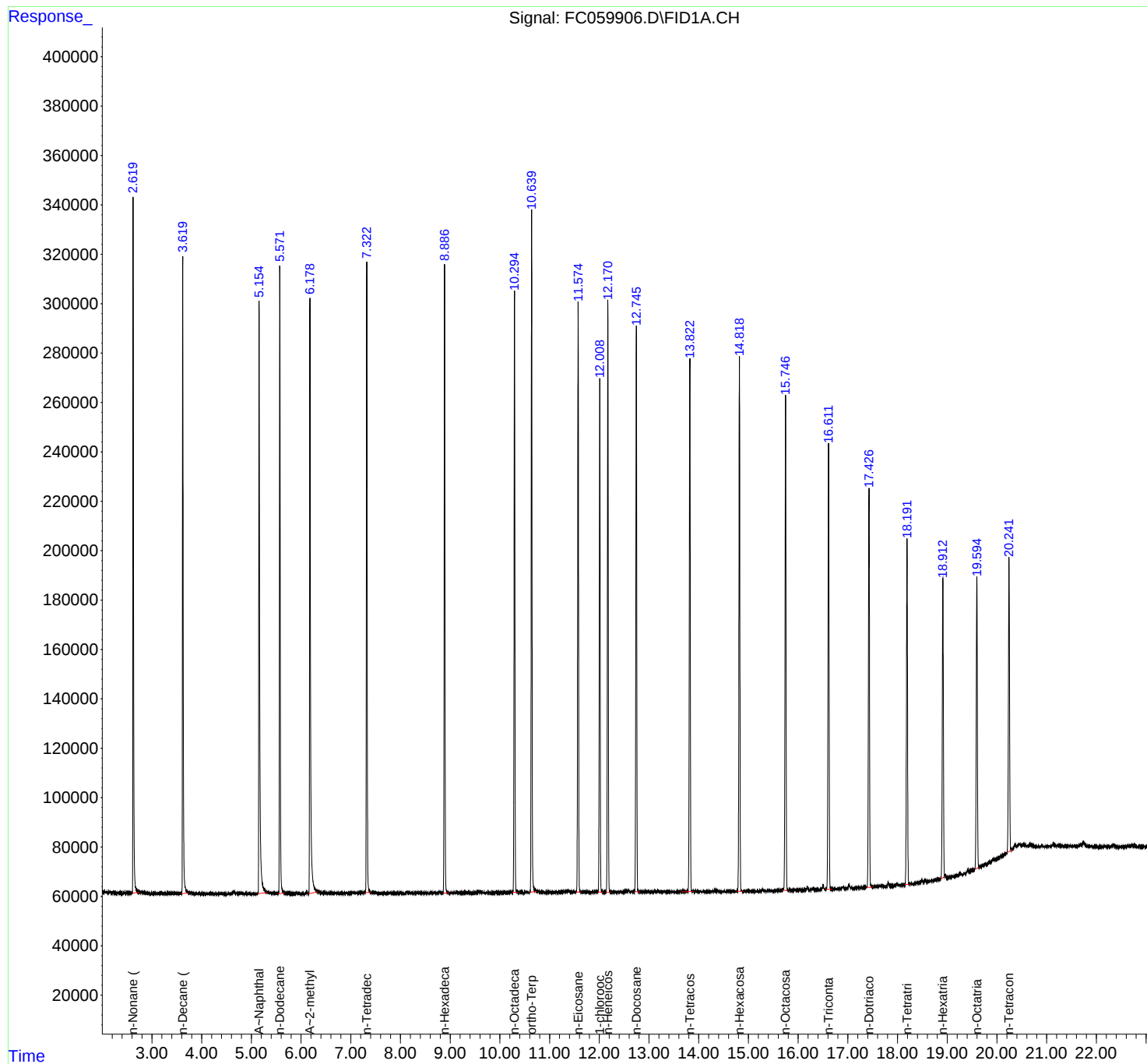
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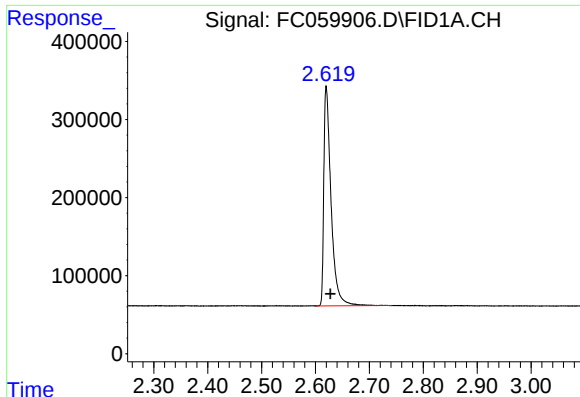
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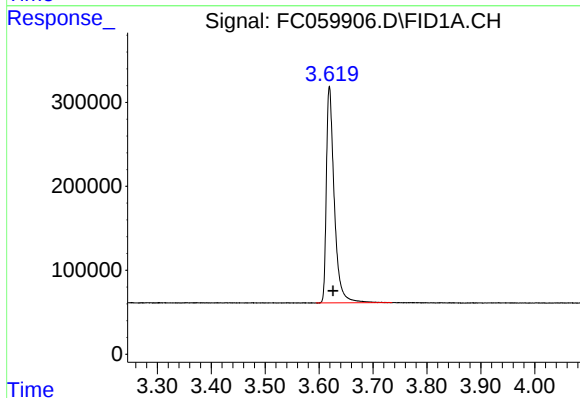




#1 n-Nonane (C9)

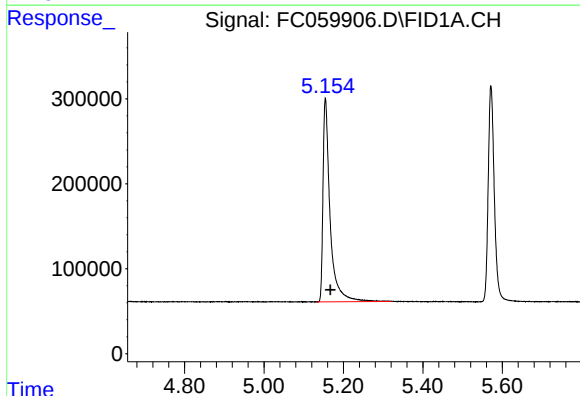
R.T.: 2.621 min
Delta R.T.: -0.007 min
Response: 2634712
Conc: 20.10 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



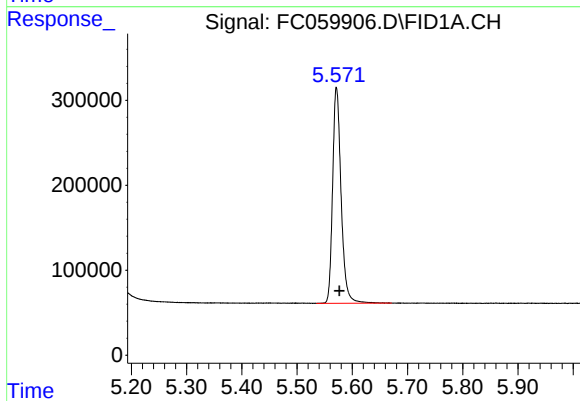
#2 n-Decane (C10)

R.T.: 3.620 min
Delta R.T.: -0.006 min
Response: 2631319
Conc: 20.28 ug/ml



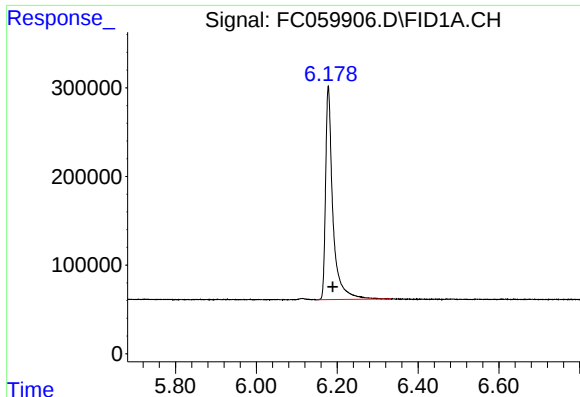
#3 A~Naphthalene (C11.7)

R.T.: 5.155 min
Delta R.T.: -0.012 min
Response: 2978995
Conc: 20.39 ug/ml



#4 n-Dodecane (C12)

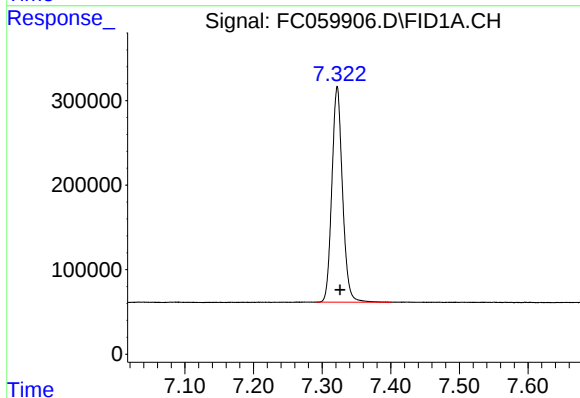
R.T.: 5.572 min
Delta R.T.: -0.005 min
Response: 2712178
Conc: 20.21 ug/ml



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

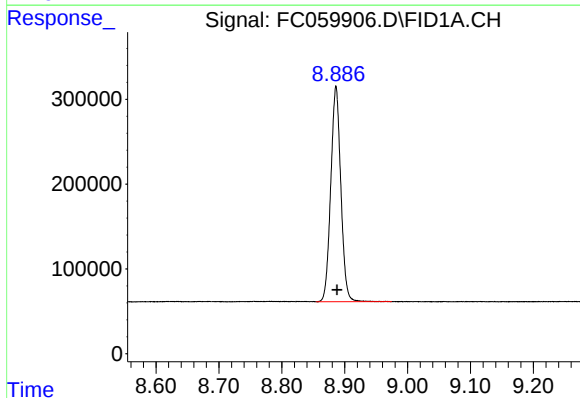
R.T.: 6.178 min
Delta R.T.: -0.011 min
Response: 3023372
Conc: 20.14 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



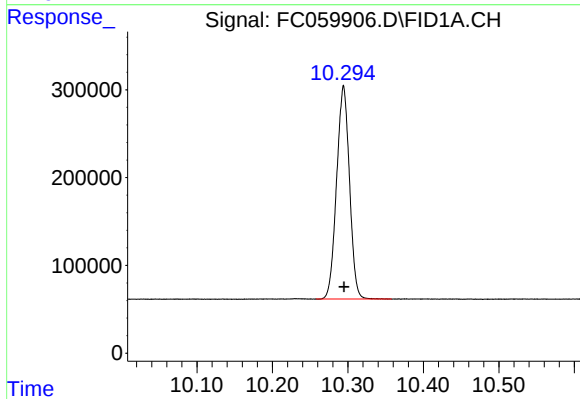
#6 n-Tetradecane (C14)

R.T.: 7.322 min
Delta R.T.: -0.004 min
Response: 2742176
Conc: 20.09 ug/ml



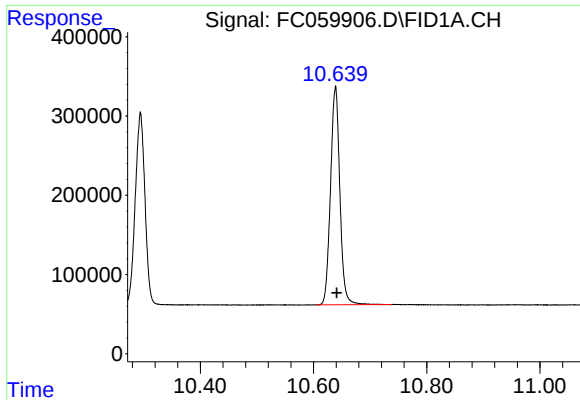
#7 n-Hexadecane (C16)

R.T.: 8.886 min
Delta R.T.: -0.002 min
Response: 2819090
Conc: 20.03 ug/ml



#8 n-Octadecane (C18)

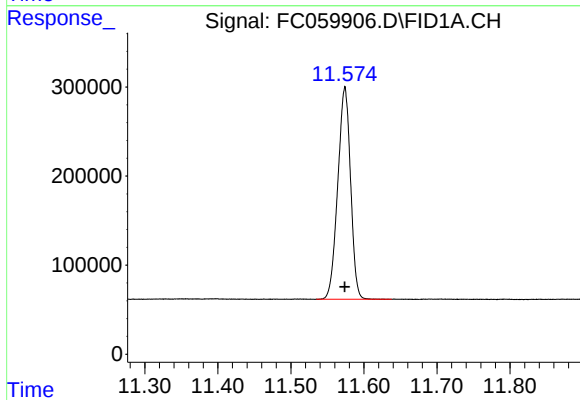
R.T.: 10.294 min
Delta R.T.: 0.000 min
Response: 2882968
Conc: 20.03 ug/ml



#9 ortho-Terphenyl (SURR)

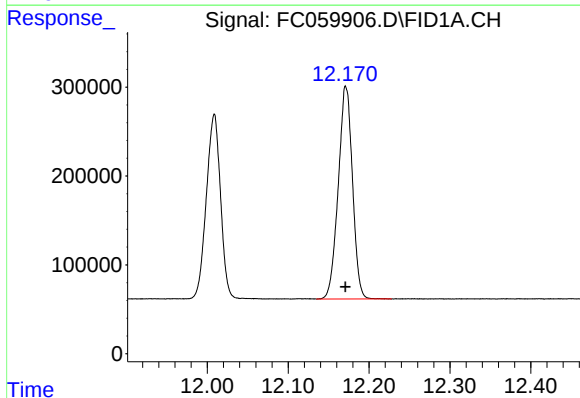
R.T.: 10.639 min
Delta R.T.: -0.002 min
Response: 3156171
Conc: 20.06 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



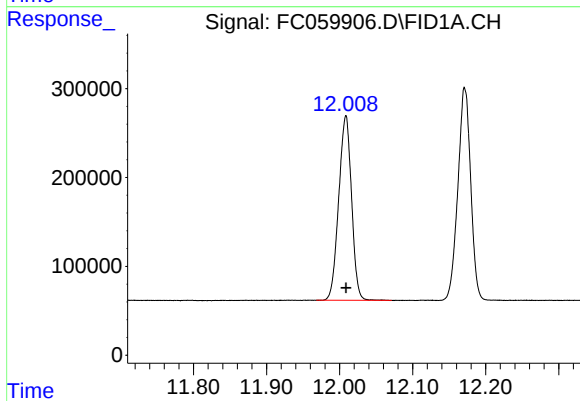
#10 n-Eicosane (C20)

R.T.: 11.574 min
Delta R.T.: 0.000 min
Response: 2894336
Conc: 20.03 ug/ml



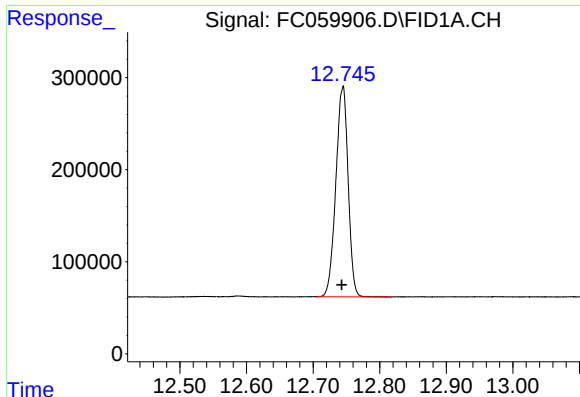
#11 n-Heneicosane (C21)

R.T.: 12.171 min
Delta R.T.: 0.000 min
Response: 2927956
Conc: 20.19 ug/ml



#12 1-chlorooctadecane (SURR)

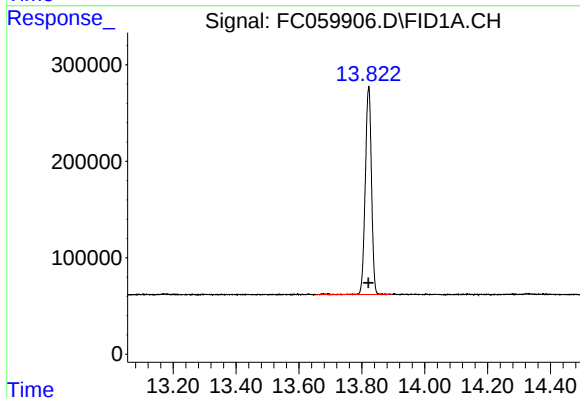
R.T.: 12.008 min
Delta R.T.: 0.000 min
Response: 2537277
Conc: 20.11 ug/ml



#13 n-Docosane (C22)

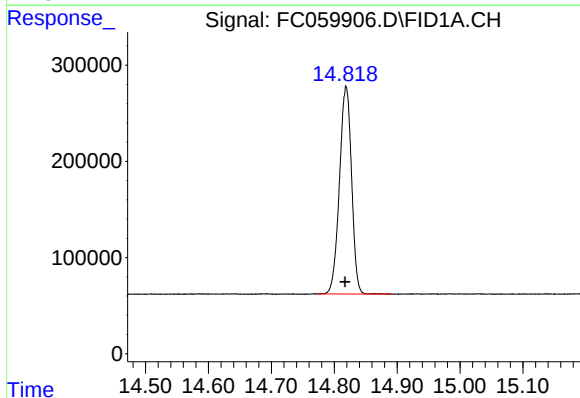
R.T.: 12.744 min
Delta R.T.: 0.000 min
Response: 2927584
Conc: 20.07 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



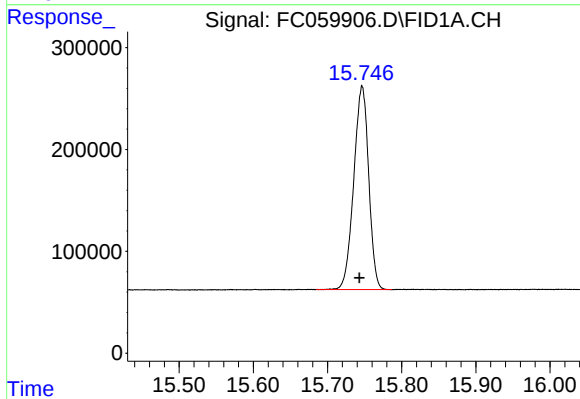
#14 n-Tetracosane (C24)

R.T.: 13.821 min
Delta R.T.: 0.001 min
Response: 2942586
Conc: 20.15 ug/ml



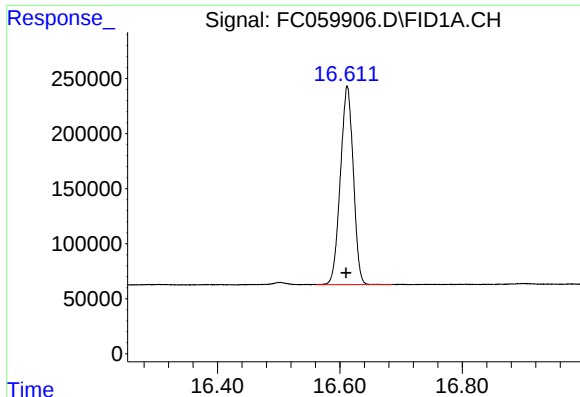
#15 n-Hexacosane (C26)

R.T.: 14.819 min
Delta R.T.: 0.001 min
Response: 2886124
Conc: 20.08 ug/ml



#16 n-Octacosane (C28)

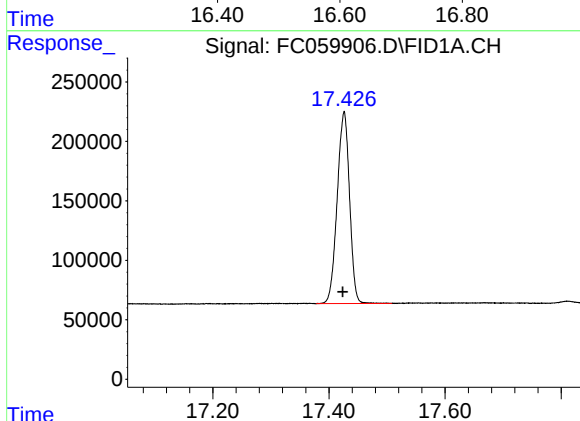
R.T.: 15.747 min
Delta R.T.: 0.004 min
Response: 2794489
Conc: 19.94 ug/ml



#17 n-Tricontane (C30)

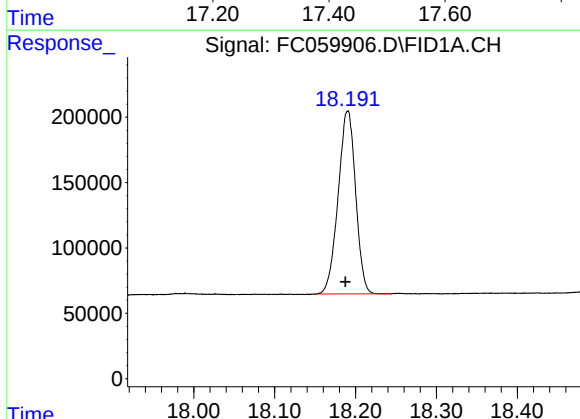
R.T.: 16.612 min
Delta R.T.: 0.002 min
Response: 2641714
Conc: 19.77 ug/ml

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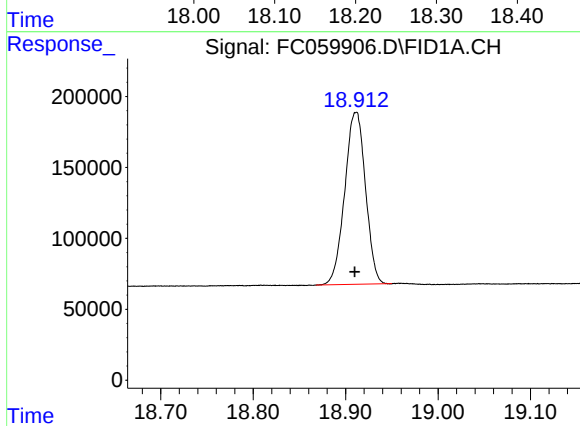
#18 n-Dotriacontane (C32)

R.T.: 17.426 min
Delta R.T.: 0.002 min
Response: 2379121
Conc: 19.52 ug/ml



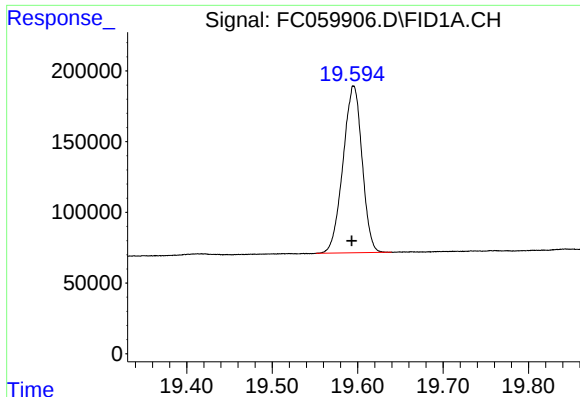
#19 n-Tetratriacontane (C34)

R.T.: 18.190 min
Delta R.T.: 0.003 min
Response: 2101556
Conc: 19.77 ug/ml



#20 n-Hexatriacontane (C36)

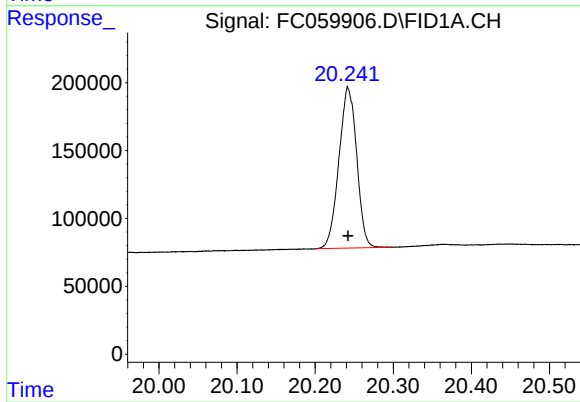
R.T.: 18.911 min
Delta R.T.: 0.000 min
Response: 1895502
Conc: 19.73 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 19.595 min
Delta R.T.: 0.002 min
Response: 1832353
Conc: 19.88 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 20.242 min
Delta R.T.: 0.000 min
Response: 1874636
Conc: 19.58 ug/ml