

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC080124AL\
 Data File : FC066900.D
 Signal(s) : FID1A.ch
 Acq On : 02 Aug 2024 01:51
 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: Aug 02 02:58:06 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 071524.M
 Quant Title : GC Extractables
 QLast Update : Mon Jul 15 13:58:41 2024
 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)	11.516	2993684	19.445 ug/ml
Spiked Amount 50.000		Recovery =	38.89%
12) S 1-chlorooctadecane (S...	12.954	2217039	19.828 ug/ml
Spiked Amount 50.000		Recovery =	39.66%
Target Compounds			
1) T n-Nonane (C9)	3.283	2829373	19.940 ug/ml
2) T n-Decane (C10)	4.349	2901506	19.628 ug/ml
3) T A~Naphthalene (C11.7)	5.929	3102752	19.429 ug/ml
4) T n-Dodecane (C12)	6.367	2896150	19.318 ug/ml
5) T A~2-methylnaphthalene...	6.985	2958534	19.299 ug/ml
6) T n-Tetradecane (C14)	8.161	2819098	19.268 ug/ml
7) T n-Hexadecane (C16)	9.761	2874872	19.208 ug/ml
8) T n-Octadecane (C18)	11.203	2852010	19.219 ug/ml
10) T n-Eicosane (C20)	12.511	2685152	19.264 ug/ml
11) T n-Heneicosane (C21)	13.123	2610054	19.162 ug/ml
13) T n-Docosane (C22)	13.709	2596346	19.330 ug/ml
14) T n-Tetracosane (C24)	14.811	2562573	19.266 ug/ml
15) T n-Hexacosane (C26)	15.831	2513249	19.315 ug/ml
16) T n-Octacosane (C28)	16.780	2484249	19.692 ug/ml
17) T n-Tricontane (C30)	17.667	2553155	19.854 ug/ml
18) T n-Dotriacontane (C32)	18.499	2518393	20.004 ug/ml
19) T n-Tetratriacontane (C34)	19.283	2404523	19.436 ug/ml
20) T n-Hexatriacontane (C36)	20.022	2250089	19.343 ug/ml
21) T n-Octatriacontane (C38)	20.750	2181607	19.635 ug/ml
22) T n-Tetracontane (C40)	21.646	2119975	19.501 ug/ml

(f)=RT Delta > 1/2 Window

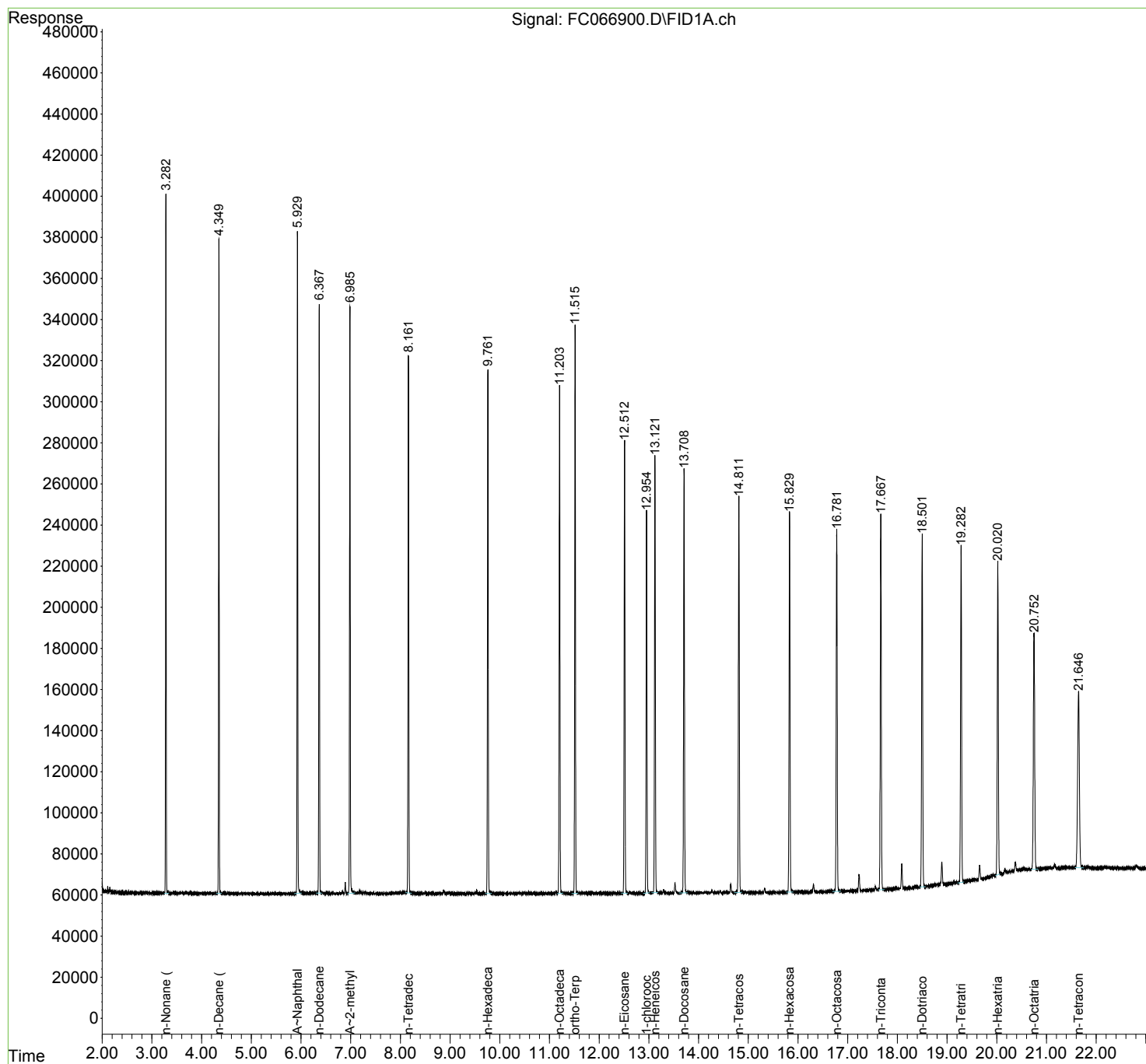
(m)=manual int.

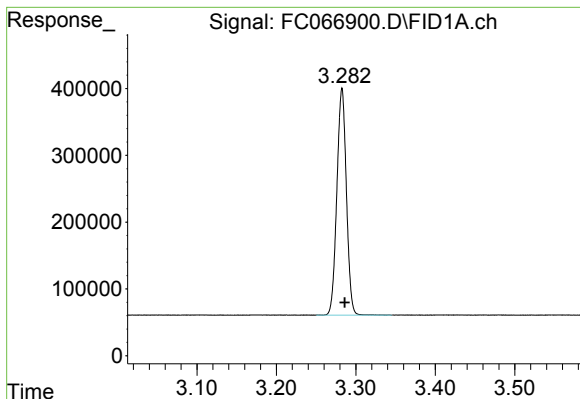
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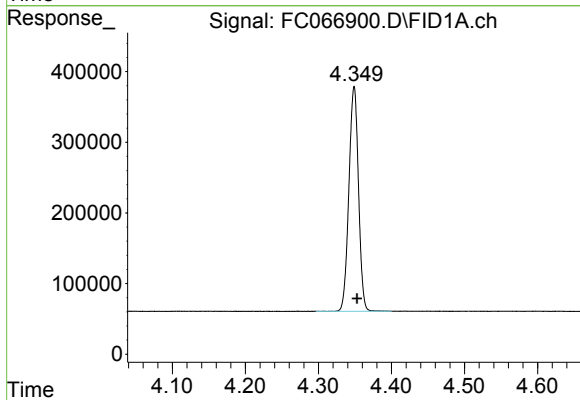




#1 n-Nonane (C9)

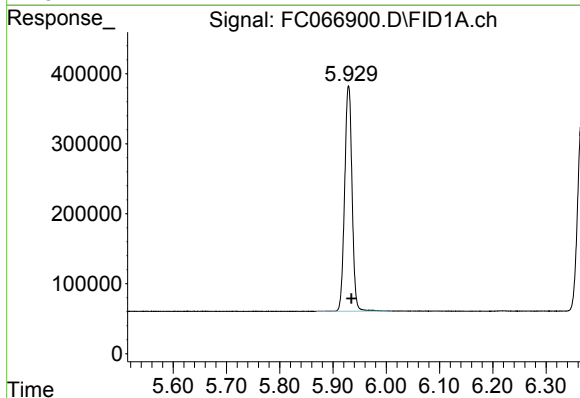
R.T.: 3.283 min
Delta R.T.: -0.003 min
Response: 2829373
Conc: 19.94 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



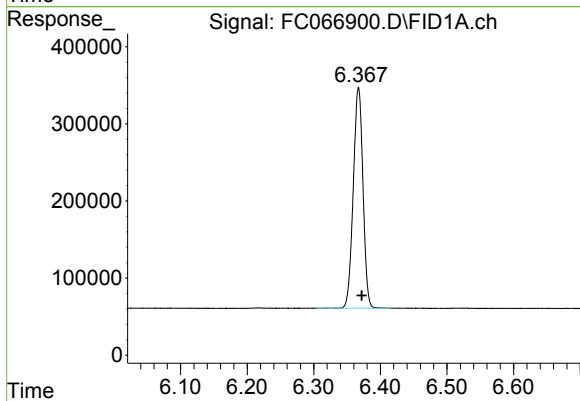
#2 n-Decane (C10)

R.T.: 4.349 min
Delta R.T.: -0.004 min
Response: 2901506
Conc: 19.63 ug/ml



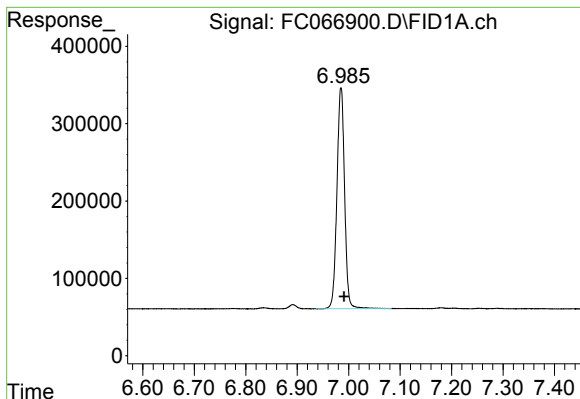
#3 A~Naphthalene (C11.7)

R.T.: 5.929 min
Delta R.T.: -0.006 min
Response: 3102752
Conc: 19.43 ug/ml



#4 n-Dodecane (C12)

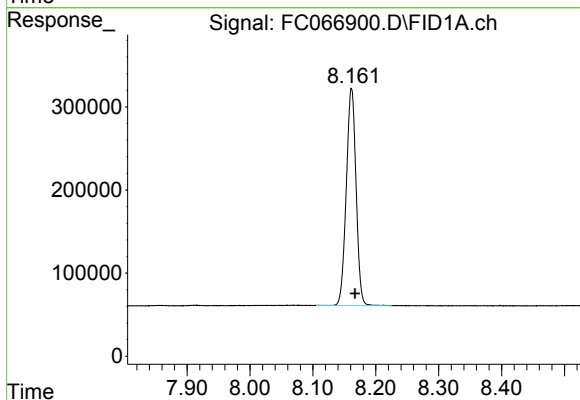
R.T.: 6.367 min
Delta R.T.: -0.005 min
Response: 2896150
Conc: 19.32 ug/ml



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

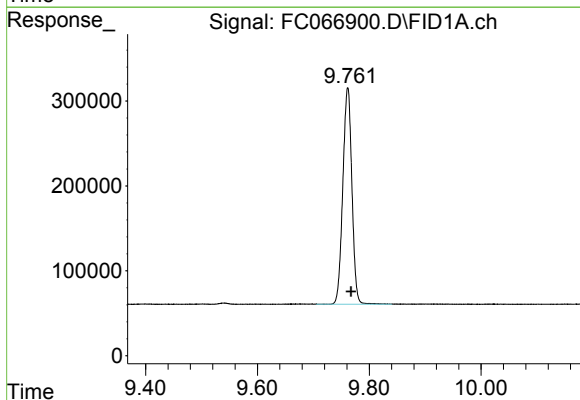
R.T.: 6.985 min
Delta R.T.: -0.006 min
Response: 2958534
Conc: 19.30 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



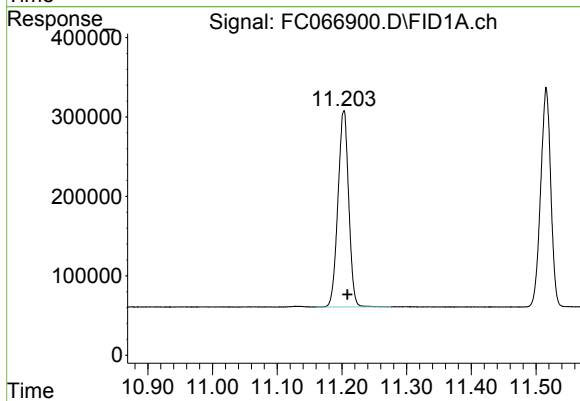
#6 n-Tetradecane (C14)

R.T.: 8.161 min
Delta R.T.: -0.006 min
Response: 2819098
Conc: 19.27 ug/ml



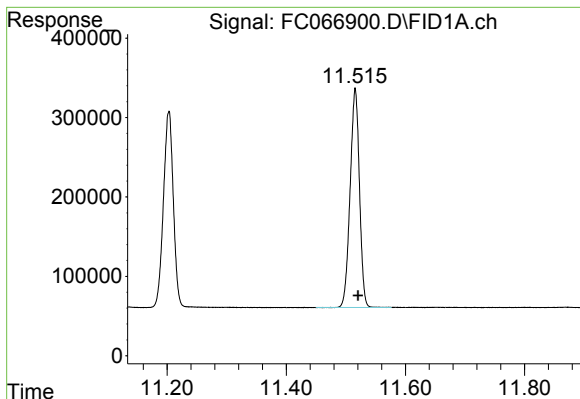
#7 n-Hexadecane (C16)

R.T.: 9.761 min
Delta R.T.: -0.006 min
Response: 2874872
Conc: 19.21 ug/ml



#8 n-Octadecane (C18)

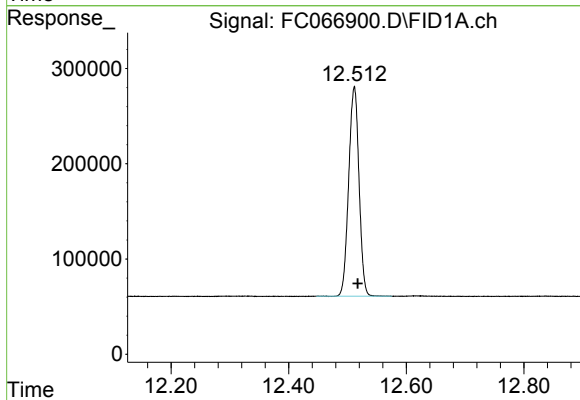
R.T.: 11.203 min
Delta R.T.: -0.006 min
Response: 2852010
Conc: 19.22 ug/ml



#9 ortho-Terphenyl (SURR)

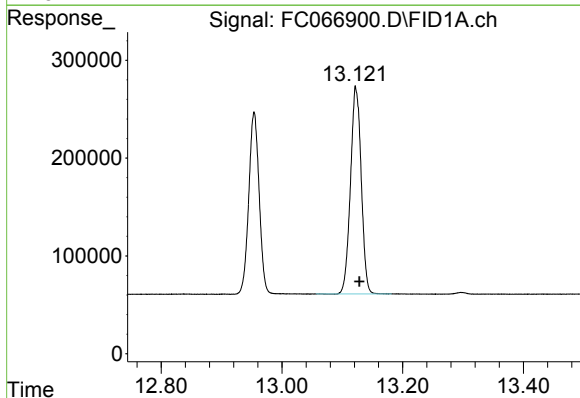
R.T.: 11.516 min
Delta R.T.: -0.005 min
Response: 2993684
Conc: 19.45 ug/ml

Instrument :
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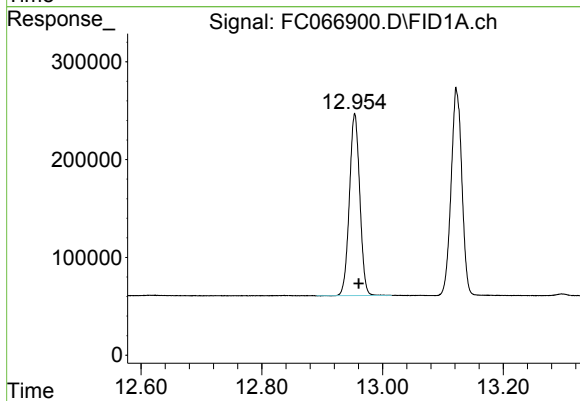
#10 n-Eicosane (C20)

R.T.: 12.511 min
Delta R.T.: -0.006 min
Response: 2685152
Conc: 19.26 ug/ml



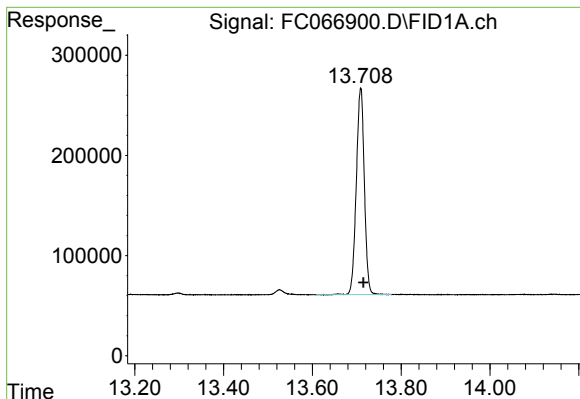
#11 n-Heneicosane (C21)

R.T.: 13.123 min
Delta R.T.: -0.006 min
Response: 2610054
Conc: 19.16 ug/ml



#12 1-chlorooctadecane (SURR)

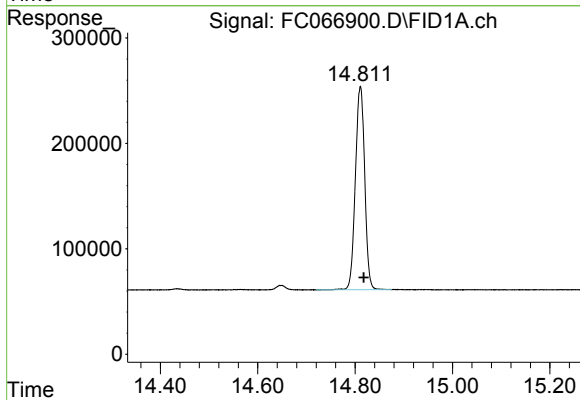
R.T.: 12.954 min
Delta R.T.: -0.007 min
Response: 2217039
Conc: 19.83 ug/ml



#13 n-Docosane (C22)

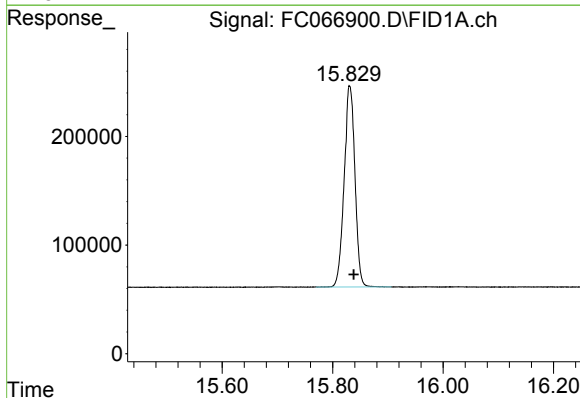
R.T.: 13.709 min
Delta R.T.: -0.006 min
Response: 2596346
Conc: 19.33 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



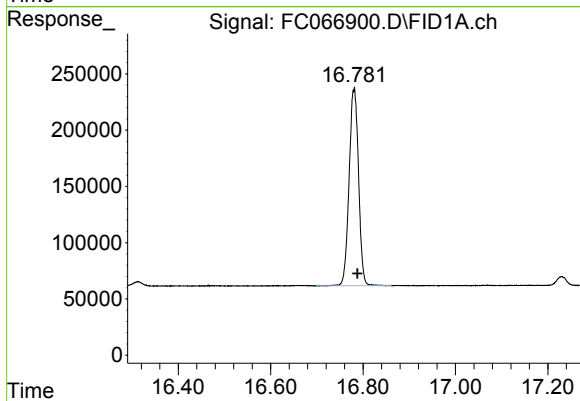
#14 n-Tetracosane (C24)

R.T.: 14.811 min
Delta R.T.: -0.007 min
Response: 2562573
Conc: 19.27 ug/ml



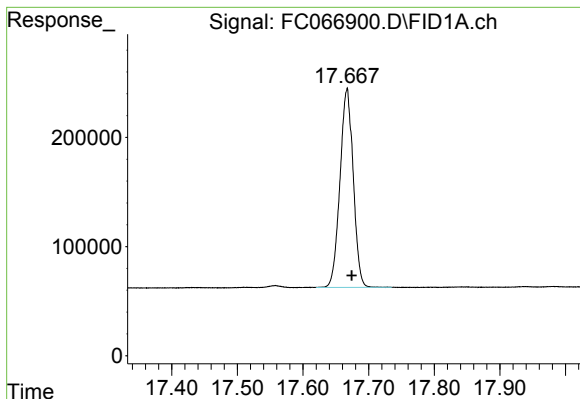
#15 n-Hexacosane (C26)

R.T.: 15.831 min
Delta R.T.: -0.007 min
Response: 2513249
Conc: 19.32 ug/ml



#16 n-Octacosane (C28)

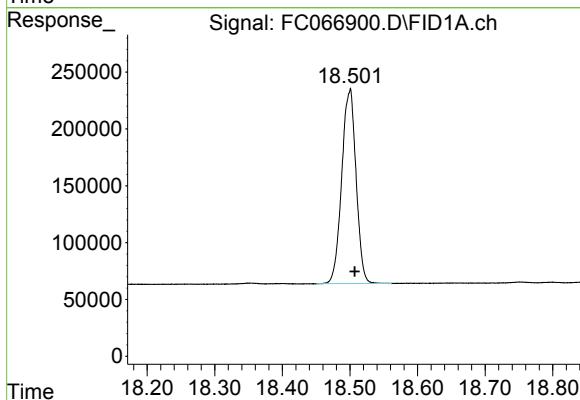
R.T.: 16.780 min
Delta R.T.: -0.007 min
Response: 2484249
Conc: 19.69 ug/ml



#17 n-Tricontane (C30)

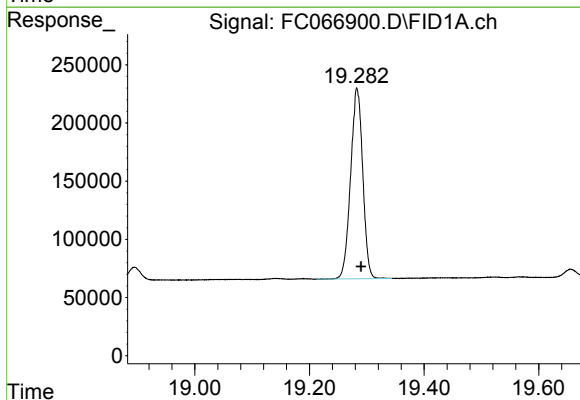
R.T.: 17.667 min
Delta R.T.: -0.007 min
Response: 2553155
Conc: 19.85 ug/ml

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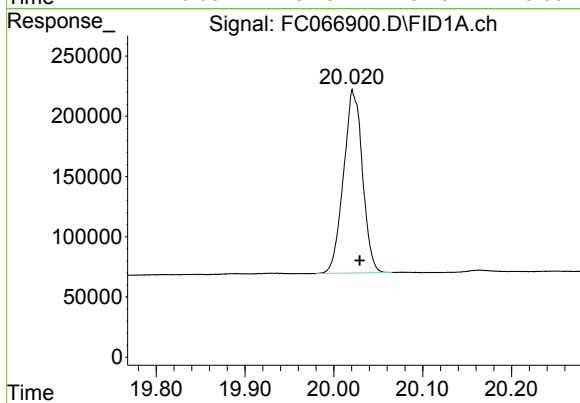
#18 n-Dotriacontane (C32)

R.T.: 18.499 min
Delta R.T.: -0.008 min
Response: 2518393
Conc: 20.00 ug/ml



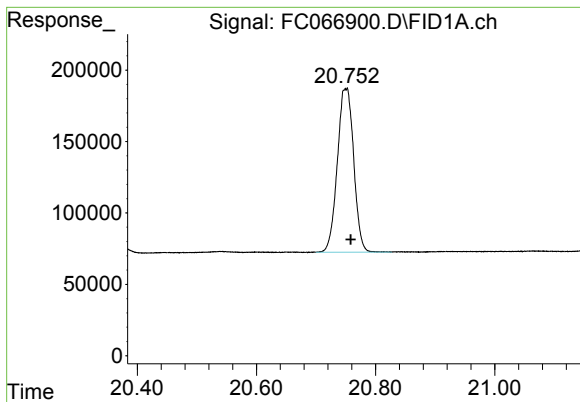
#19 n-Tetratriacontane (C34)

R.T.: 19.283 min
Delta R.T.: -0.007 min
Response: 2404523
Conc: 19.44 ug/ml



#20 n-Hexatriacontane (C36)

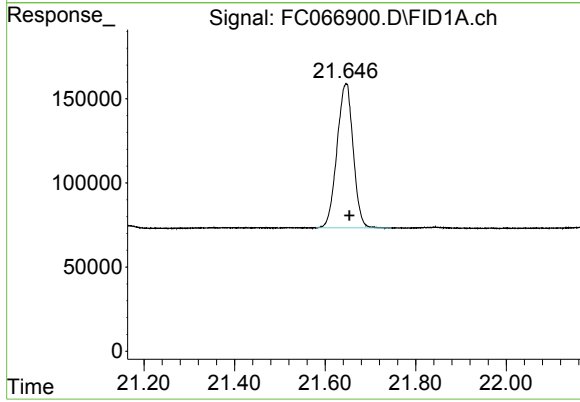
R.T.: 20.022 min
Delta R.T.: -0.007 min
Response: 2250089
Conc: 19.34 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.750 min
Delta R.T.: -0.008 min
Response: 2181607
Conc: 19.64 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.646 min
Delta R.T.: -0.008 min
Response: 2119975
Conc: 19.50 ug/ml