

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC030425AL\
 Data File : FC068365.D
 Signal(s) : FID1A.ch
 Acq On : 05 Mar 2025 09:26
 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: Mar 05 10:15:18 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 021125.M
 Quant Title : GC Extractables
 QLast Update : Wed Mar 05 03:08:52 2025
 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)	11.391	3154229	20.556 ug/ml
Spiked Amount 50.000		Recovery =	41.11%
12) S 1-chlorooctadecane (S...	12.833	2287525	20.338 ug/ml
Spiked Amount 50.000		Recovery =	40.68%
Target Compounds			
1) T n-Nonane (C9)	3.202	3011114	21.405 ug/ml
2) T n-Decane (C10)	4.258	3028068	21.374 ug/ml
3) T A~Naphthalene (C11.7)	5.824	3252793	21.255 ug/ml
4) T n-Dodecane (C12)	6.265	2971135	21.108 ug/ml
5) T A~2-methylnaphthalene...	6.875	3052793	21.079 ug/ml
6) T n-Tetradecane (C14)	8.053	2824239	20.714 ug/ml
7) T n-Hexadecane (C16)	9.649	2850173	20.809 ug/ml
8) T n-Octadecane (C18)	11.087	2831808	20.707 ug/ml
10) T n-Eicosane (C20)	12.392	2684112	20.602 ug/ml
11) T n-Heneicosane (C21)	13.004	2626888	20.547 ug/ml
13) T n-Docosane (C22)	13.588	2593344	20.578 ug/ml
14) T n-Tetracosane (C24)	14.689	2559949	20.582 ug/ml
15) T n-Hexacosane (C26)	15.707	2520863	20.732 ug/ml
16) T n-Octacosane (C28)	16.655	2450743	20.635 ug/ml
17) T n-Tricontane (C30)	17.542	2489098	20.679 ug/ml
18) T n-Dotriacontane (C32)	18.372	2429677	20.933 ug/ml
19) T n-Tetratriacontane (C34)	19.155	2174295	20.121 ug/ml
20) T n-Hexatriacontane (C36)	19.894	1936190	20.133 ug/ml
21) T n-Octatriacontane (C38)	20.605	1871372	20.817 ug/ml
22) T n-Tetracontane (C40)	21.455	1834661	21.205 ug/ml

(f)=RT Delta > 1/2 Window

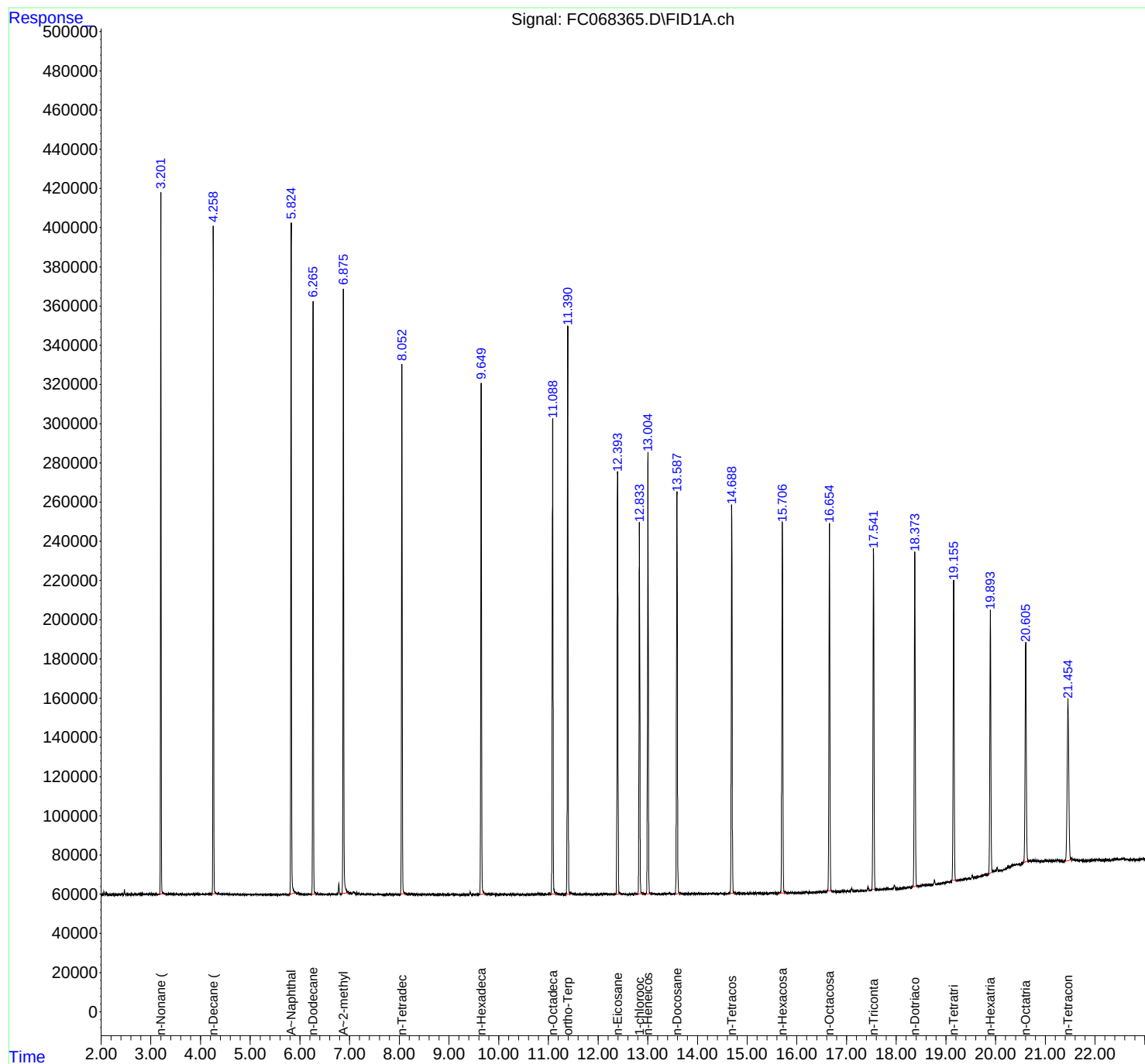
(m)=manual int.

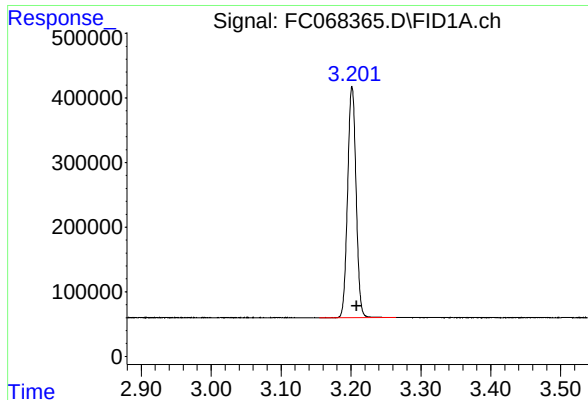
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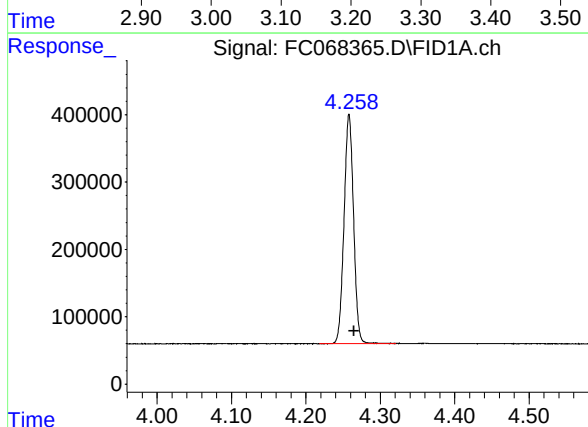




#1 n-Nonane (C9)

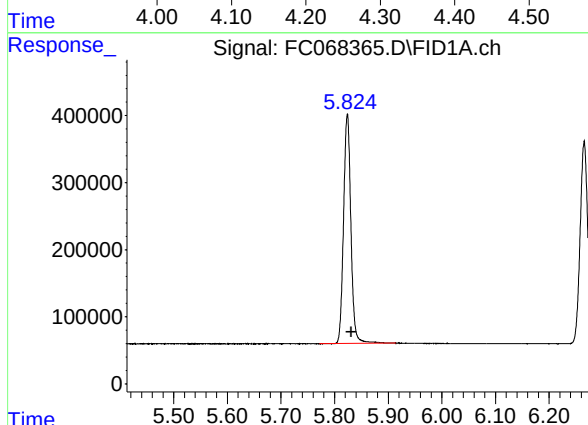
R.T.: 3.202 min
Delta R.T.: -0.006 min
Response: 3011114
Conc: 21.40 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



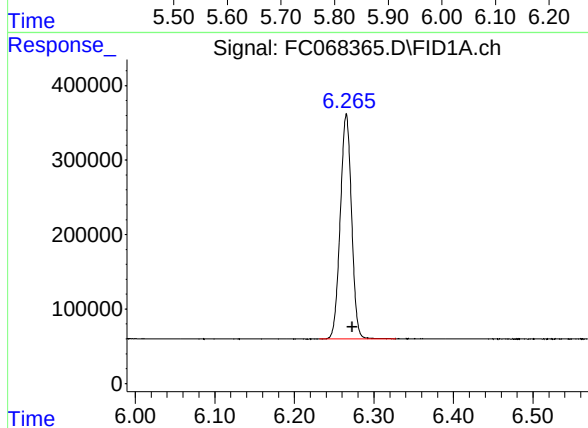
#2 n-Decane (C10)

R.T.: 4.258 min
Delta R.T.: -0.007 min
Response: 3028068
Conc: 21.37 ug/ml



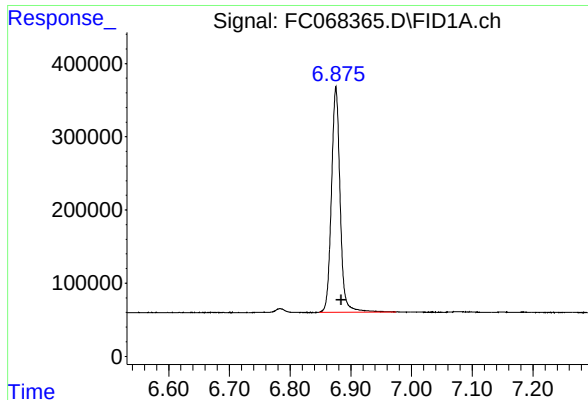
#3 A~Naphthalene (C11.7)

R.T.: 5.824 min
Delta R.T.: -0.008 min
Response: 3252793
Conc: 21.26 ug/ml



#4 n-Dodecane (C12)

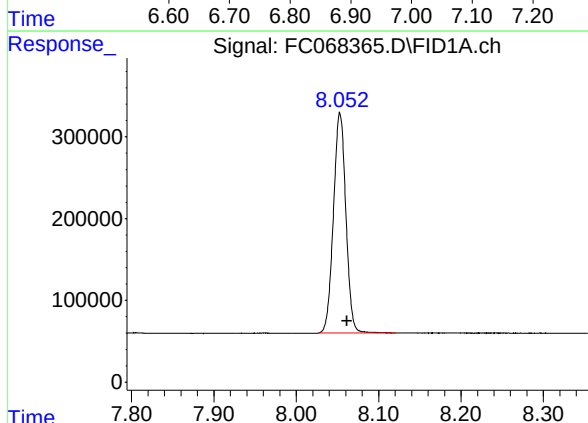
R.T.: 6.265 min
Delta R.T.: -0.008 min
Response: 2971135
Conc: 21.11 ug/ml



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

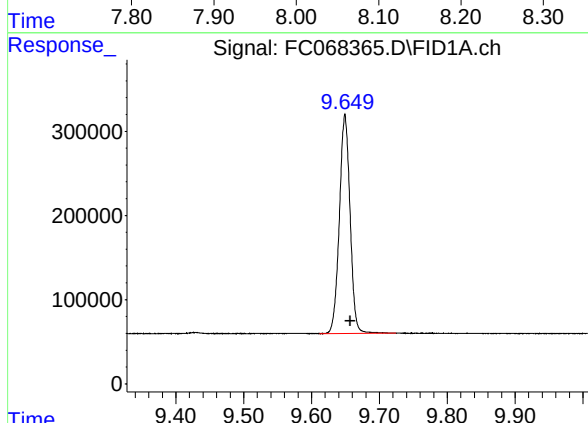
R.T.: 6.875 min
Delta R.T.: -0.009 min
Response: 3052793
Conc: 21.08 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



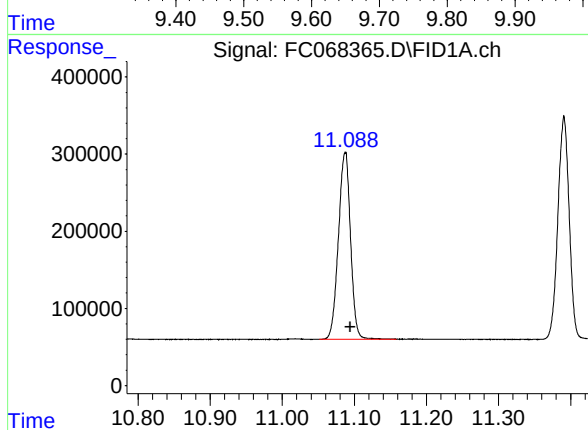
#6 n-Tetradecane (C14)

R.T.: 8.053 min
Delta R.T.: -0.009 min
Response: 2824239
Conc: 20.71 ug/ml



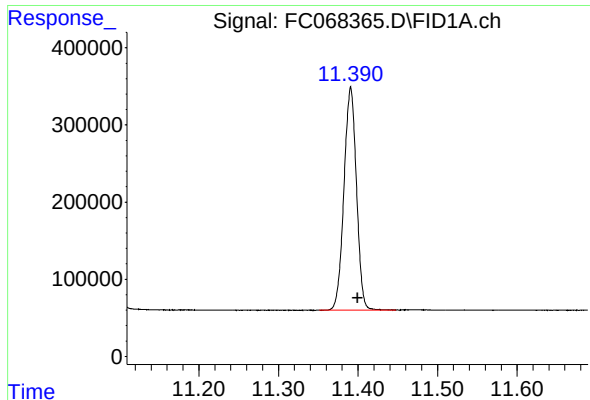
#7 n-Hexadecane (C16)

R.T.: 9.649 min
Delta R.T.: -0.008 min
Response: 2850173
Conc: 20.81 ug/ml



#8 n-Octadecane (C18)

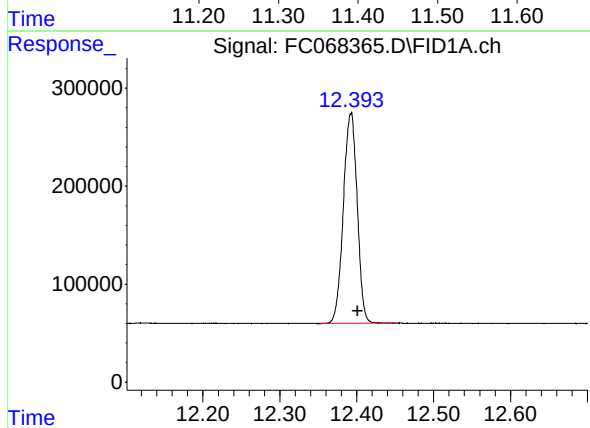
R.T.: 11.087 min
Delta R.T.: -0.008 min
Response: 2831808
Conc: 20.71 ug/ml



#9 ortho-Terphenyl (SURR)

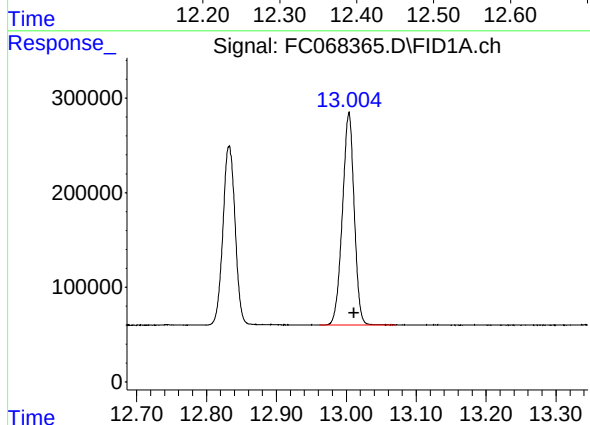
R.T.: 11.391 min
Delta R.T.: -0.009 min
Response: 3154229
Conc: 20.56 ug/ml

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FID_C
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20 PPM ALIPHATIC HC STD



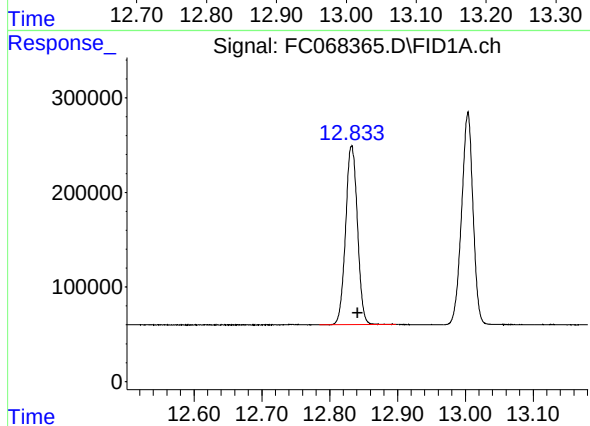
#10 n-Eicosane (C20)

R.T.: 12.392 min
Delta R.T.: -0.009 min
Response: 2684112
Conc: 20.60 ug/ml



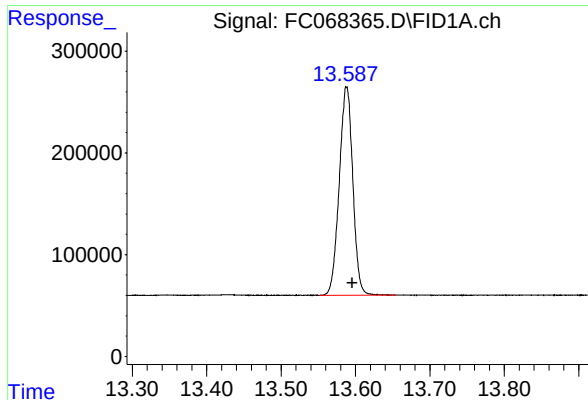
#11 n-Heneicosane (C21)

R.T.: 13.004 min
Delta R.T.: -0.007 min
Response: 2626888
Conc: 20.55 ug/ml



#12 1-chlorooctadecane (SURR)

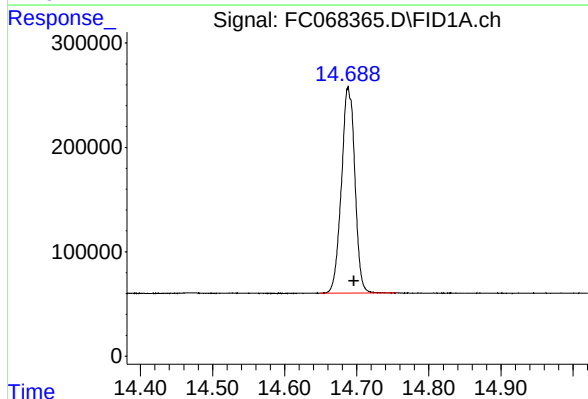
R.T.: 12.833 min
Delta R.T.: -0.009 min
Response: 2287525
Conc: 20.34 ug/ml



#13 n-Docosane (C22)

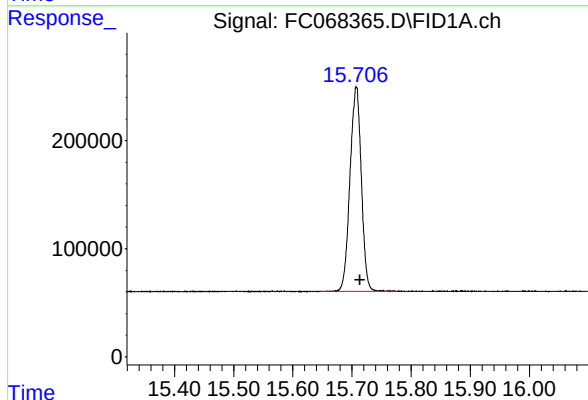
R.T.: 13.588 min
Delta R.T.: -0.008 min
Response: 2593344
Conc: 20.58 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



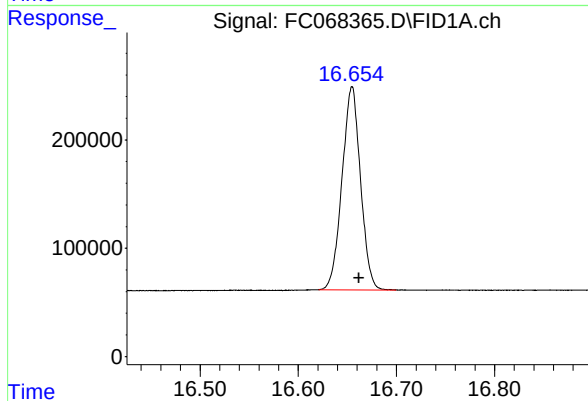
#14 n-Tetracosane (C24)

R.T.: 14.689 min
Delta R.T.: -0.007 min
Response: 2559949
Conc: 20.58 ug/ml



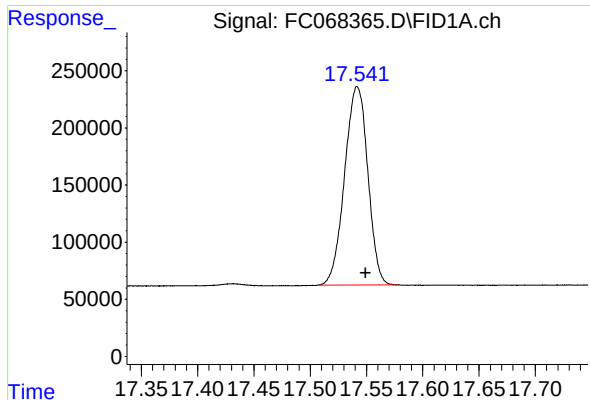
#15 n-Hexacosane (C26)

R.T.: 15.707 min
Delta R.T.: -0.007 min
Response: 2520863
Conc: 20.73 ug/ml



#16 n-Octacosane (C28)

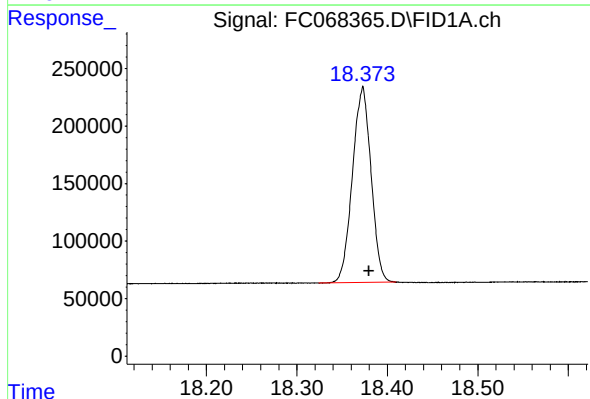
R.T.: 16.655 min
Delta R.T.: -0.007 min
Response: 2450743
Conc: 20.63 ug/ml



#17 n-Tricontane (C30)

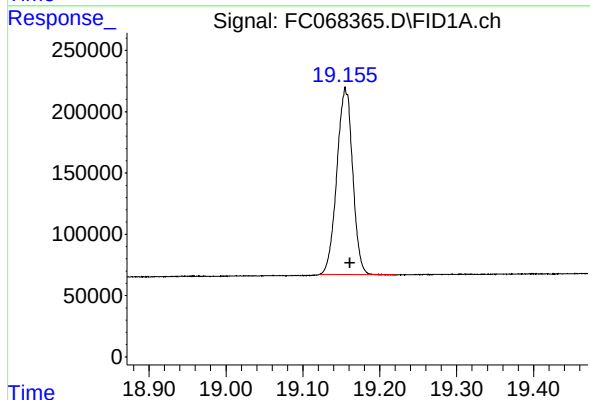
R.T.: 17.542 min
Delta R.T.: -0.007 min
Response: 2489098
Conc: 20.68 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



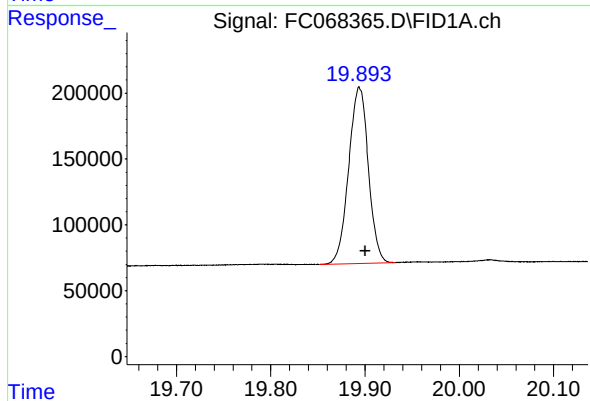
#18 n-Dotriacontane (C32)

R.T.: 18.372 min
Delta R.T.: -0.007 min
Response: 2429677
Conc: 20.93 ug/ml



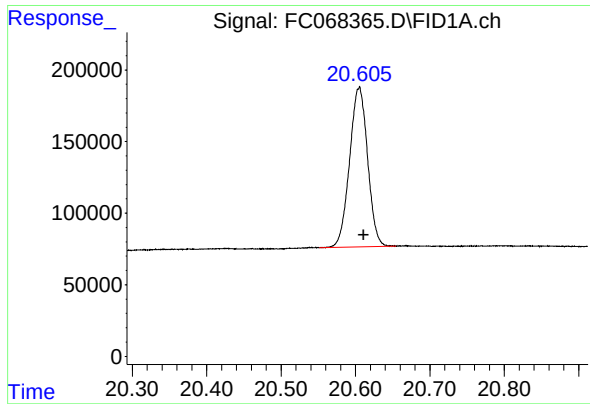
#19 n-Tetratriacontane (C34)

R.T.: 19.155 min
Delta R.T.: -0.006 min
Response: 2174295
Conc: 20.12 ug/ml



#20 n-Hexatriacontane (C36)

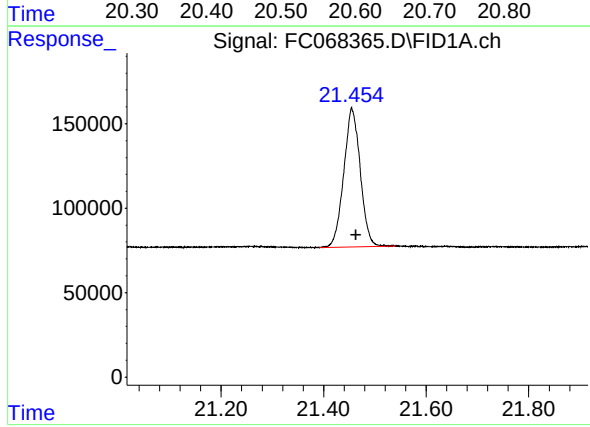
R.T.: 19.894 min
Delta R.T.: -0.006 min
Response: 1936190
Conc: 20.13 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.605 min
Delta R.T.: -0.006 min
Response: 1871372
Conc: 20.82 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.455 min
Delta R.T.: -0.007 min
Response: 1834661
Conc: 21.20 ug/ml