

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC032625AL\
 Data File : FC068405.D
 Signal(s) : FID1A.ch
 Acq On : 26 Mar 2025 12:59
 Operator : YP/AJ
 Sample : 5 PPM ALIPHATIC HC STD5
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 FID_C
ClientSampleId :
 5 PPM ALIPHATIC HC STD5

Integration File: autoint1.e
 Quant Time: Mar 26 13:34:23 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 032625.M
 Quant Title : GC Extractables
 QLast Update : Wed Mar 26 13:16:01 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)	11.383	1040771	5.303 ug/ml
Spiked Amount	50.000	Recovery =	10.61%
12) S 1-chlorooctadecane (S...	12.826	787660	5.360 ug/ml
Spiked Amount	50.000	Recovery =	10.72%
Target Compounds			
1) T n-Nonane (C9)	3.200	819968	5.159 ug/ml
2) T n-Decane (C10)	4.255	821987	5.089 ug/ml
3) T A~Naphthalene (C11.7)	5.821	868483	4.895 ug/ml
4) T n-Dodecane (C12)	6.261	838336	5.105 ug/ml
5) T A~2-methylnaphthalene...	6.872	818798	4.769 ug/ml
6) T n-Tetradecane (C14)	8.048	823942	5.010 ug/ml
7) T n-Hexadecane (C16)	9.643	866146	5.050 ug/ml
8) T n-Octadecane (C18)	11.080	907661	5.216 ug/ml
10) T n-Eicosane (C20)	12.385	917135	5.452 ug/ml
11) T n-Heneicosane (C21)	12.995	897688	5.447 ug/ml
13) T n-Docosane (C22)	13.580	924581	5.616 ug/ml
14) T n-Tetracosane (C24)	14.681	982703	5.958 ug/ml
15) T n-Hexacosane (C26)	15.699	982054	6.089 ug/ml
16) T n-Octacosane (C28)	16.647	1018857	6.446 ug/ml
17) T n-Tricontane (C30)	17.533	1117126	6.892 ug/ml
18) T n-Dotriacontane (C32)	18.363	1085377	7.003 ug/ml
19) T n-Tetratriacontane (C34)	19.145	914648	6.597 ug/ml
20) T n-Hexatriacontane (C36)	19.884	718338	6.137 ug/ml
21) T n-Octatriacontane (C38)	20.594	606676	5.839 ug/ml
22) T n-Tetracontane (C40)	21.442	527594	5.488 ug/ml

(f)=RT Delta > 1/2 Window

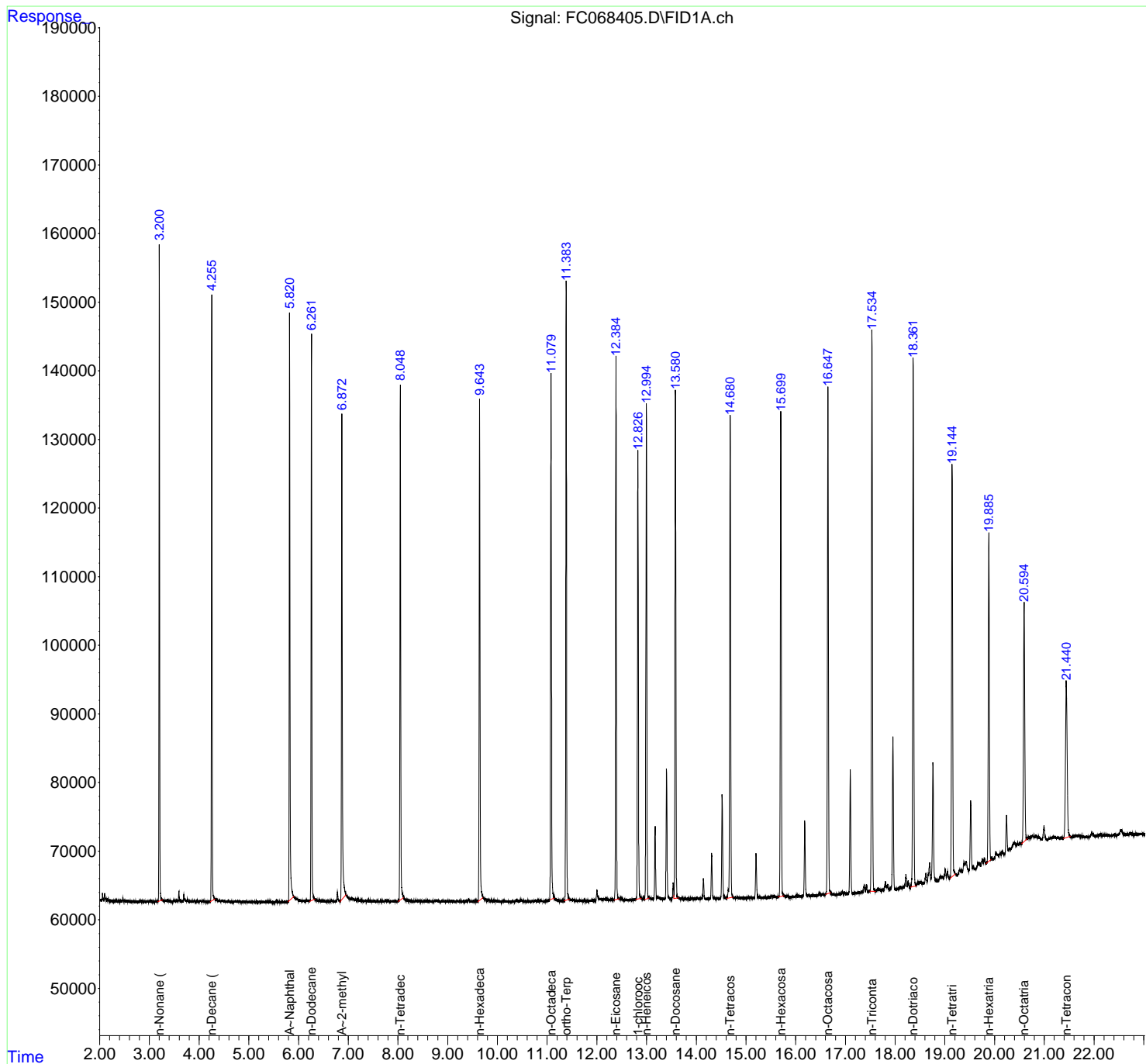
(m)=manual int.

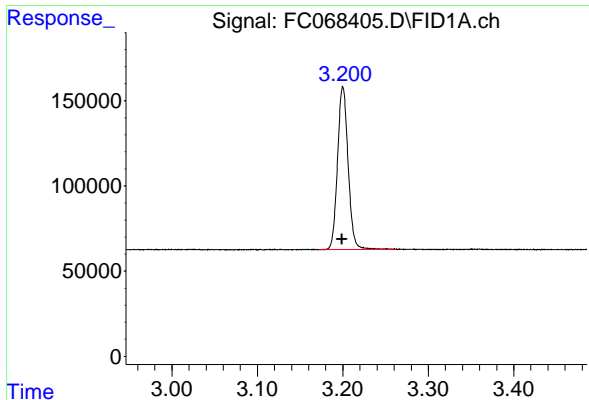
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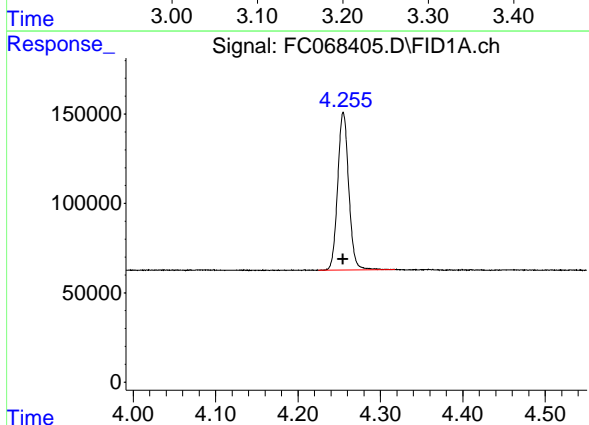




#1 n-Nonane (C9)

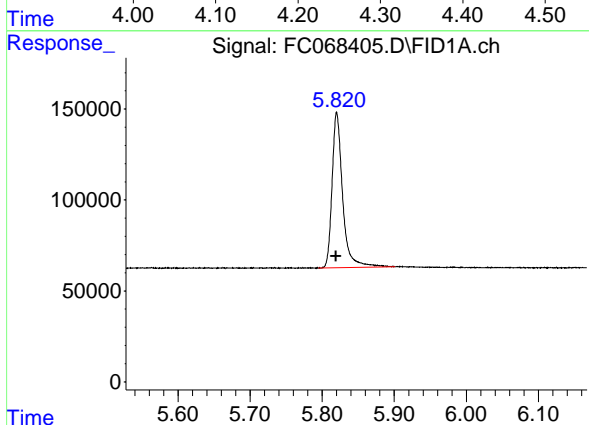
R.T.: 3.200 min
Delta R.T.: 0.001 min
Response: 819968
Conc: 5.16 ug/ml

Instrument :
FID_C
ClientSampleId :
5 PPM ALIPHATIC HC STD5



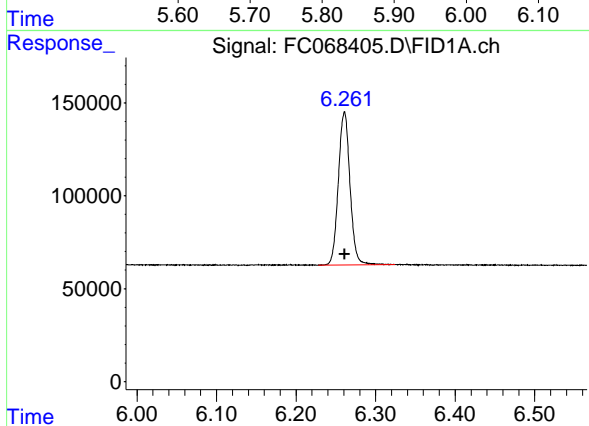
#2 n-Decane (C10)

R.T.: 4.255 min
Delta R.T.: 0.000 min
Response: 821987
Conc: 5.09 ug/ml



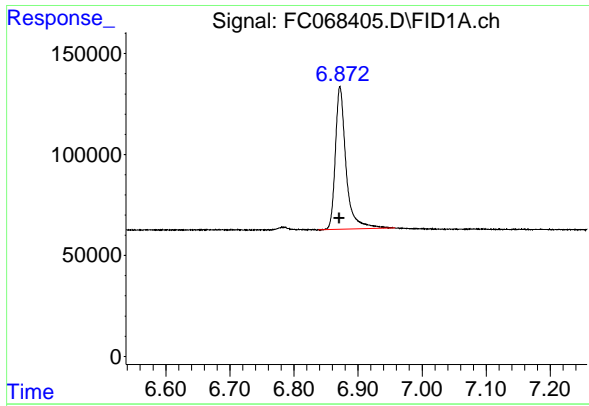
#3 A~Naphthalene (C11.7)

R.T.: 5.821 min
Delta R.T.: 0.001 min
Response: 868483
Conc: 4.90 ug/ml



#4 n-Dodecane (C12)

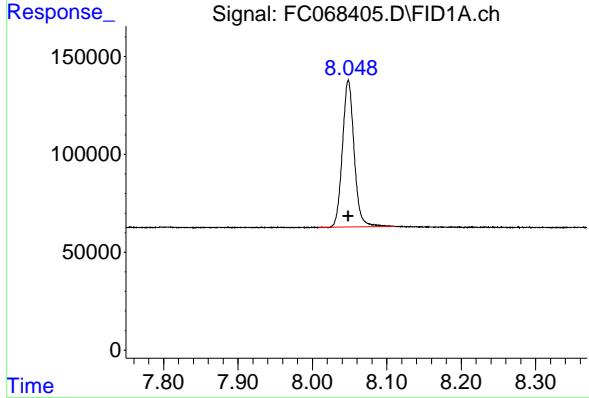
R.T.: 6.261 min
Delta R.T.: 0.000 min
Response: 838336
Conc: 5.11 ug/ml



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

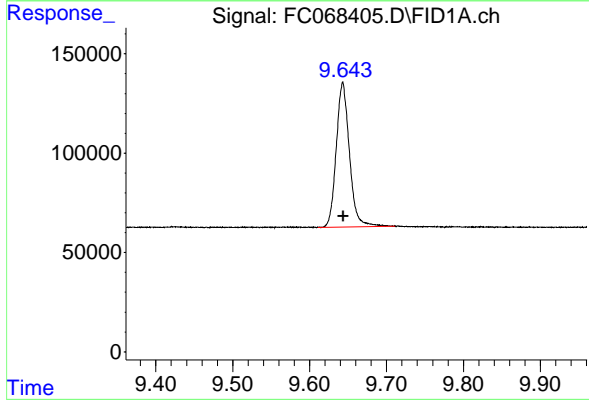
R.T.: 6.872 min
 Delta R.T.: 0.001 min
 Response: 818798
 Conc: 4.77 ug/ml

Instrument : FID_C
 ClientSampleId : 5 PPM ALIPHATIC HC STD5



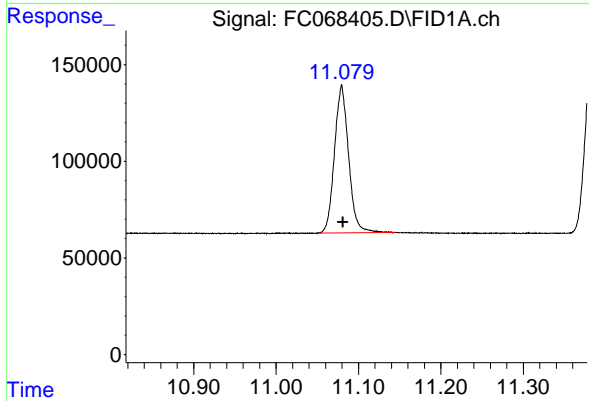
#6 n-Tetradecane (C14)

R.T.: 8.048 min
 Delta R.T.: 0.000 min
 Response: 823942
 Conc: 5.01 ug/ml



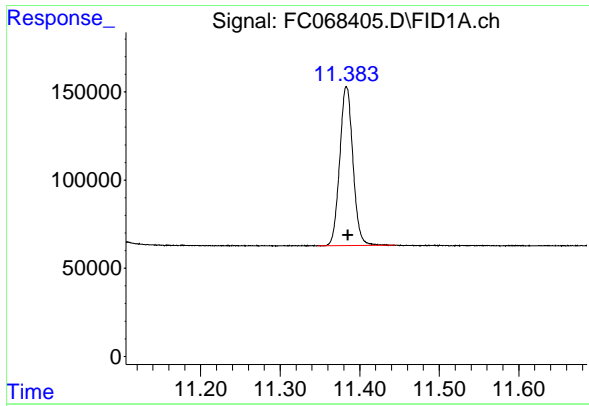
#7 n-Hexadecane (C16)

R.T.: 9.643 min
 Delta R.T.: 0.000 min
 Response: 866146
 Conc: 5.05 ug/ml



#8 n-Octadecane (C18)

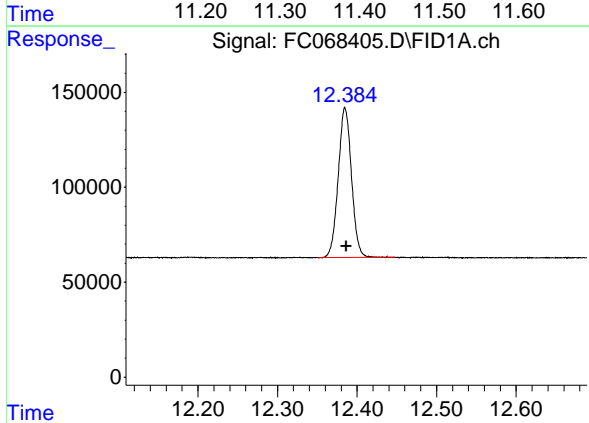
R.T.: 11.080 min
 Delta R.T.: -0.002 min
 Response: 907661
 Conc: 5.22 ug/ml



#9 ortho-Terphenyl (SURR)

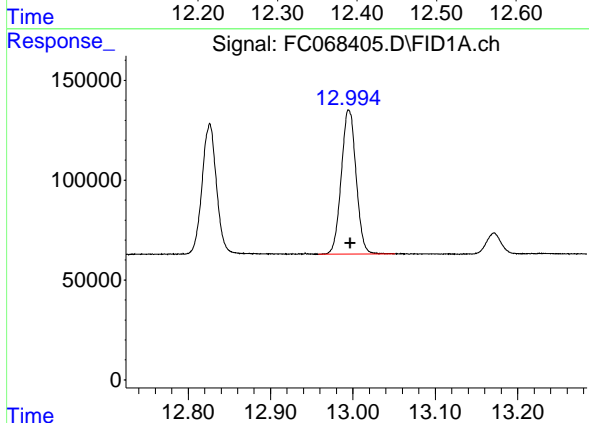
R.T.: 11.383 min
 Delta R.T.: -0.002 min
 Response: 1040771
 Conc: 5.30 ug/ml

Instrument : FID_C
 ClientSampleId : 5 PPM ALIPHATIC HC STD5



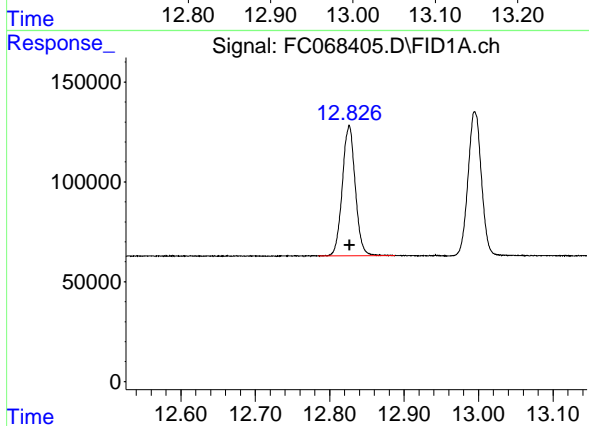
#10 n-Eicosane (C20)

R.T.: 12.385 min
 Delta R.T.: -0.002 min
 Response: 917135
 Conc: 5.45 ug/ml



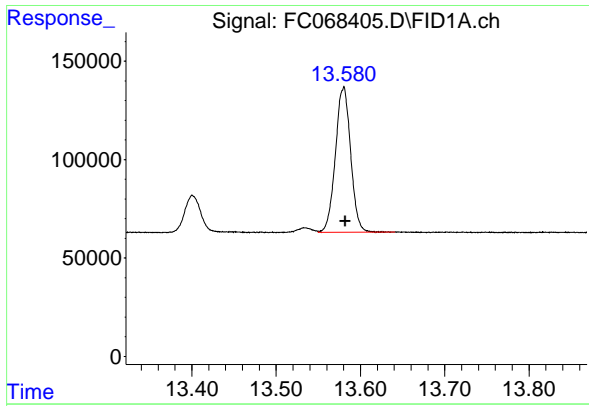
#11 n-Heneicosane (C21)

R.T.: 12.995 min
 Delta R.T.: -0.002 min
 Response: 897688
 Conc: 5.45 ug/ml



#12 1-chlorooctadecane (SURR)

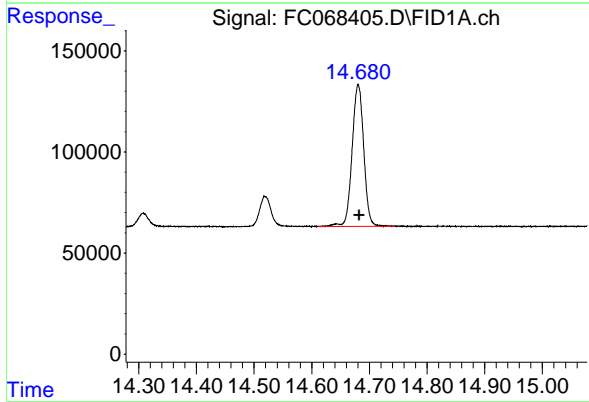
R.T.: 12.826 min
 Delta R.T.: -0.001 min
 Response: 787660
 Conc: 5.36 ug/ml



#13 n-Docosane (C22)

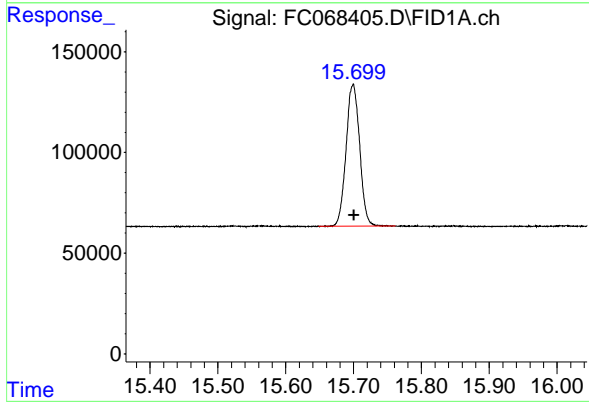
R.T.: 13.580 min
 Delta R.T.: -0.002 min
 Response: 924581
 Conc: 5.62 ug/ml

Instrument : FID_C
 ClientSampleId : 5 PPM ALIPHATIC HC STD5



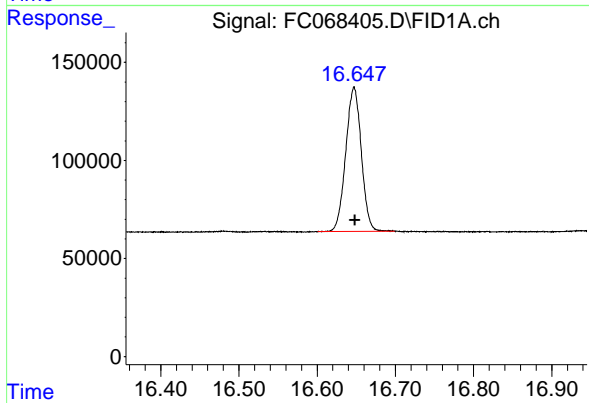
#14 n-Tetracosane (C24)

R.T.: 14.681 min
 Delta R.T.: -0.002 min
 Response: 982703
 Conc: 5.96 ug/ml



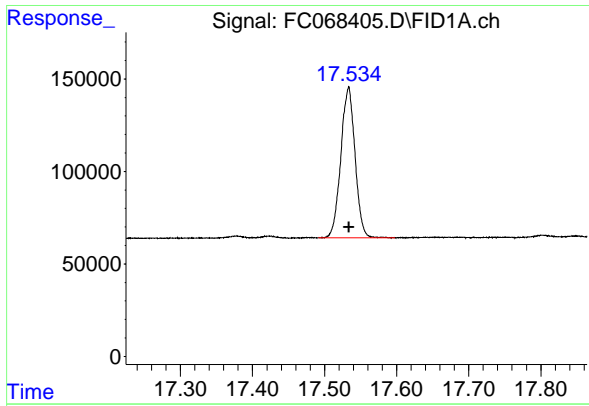
#15 n-Hexacosane (C26)

R.T.: 15.699 min
 Delta R.T.: -0.001 min
 Response: 982054
 Conc: 6.09 ug/ml



#16 n-Octacosane (C28)

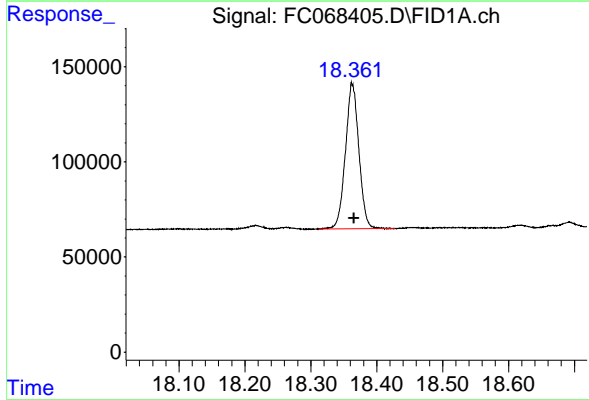
R.T.: 16.647 min
 Delta R.T.: -0.001 min
 Response: 1018857
 Conc: 6.45 ug/ml



#17 n-Tricontane (C30)

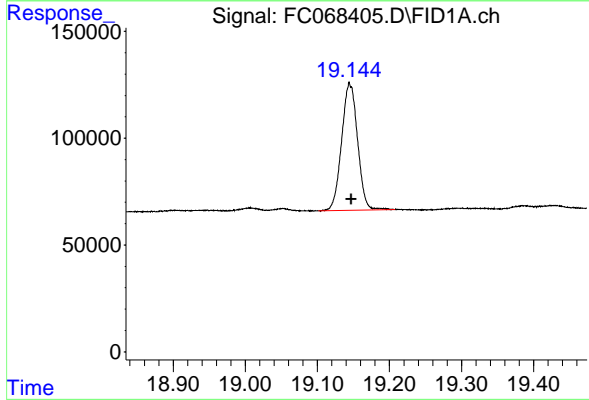
R.T.: 17.533 min
 Delta R.T.: -0.001 min
 Response: 1117126
 Conc: 6.89 ug/ml

Instrument :
 FID_C
 ClientSampleId :
 5 PPM ALIPHATIC HC STD5



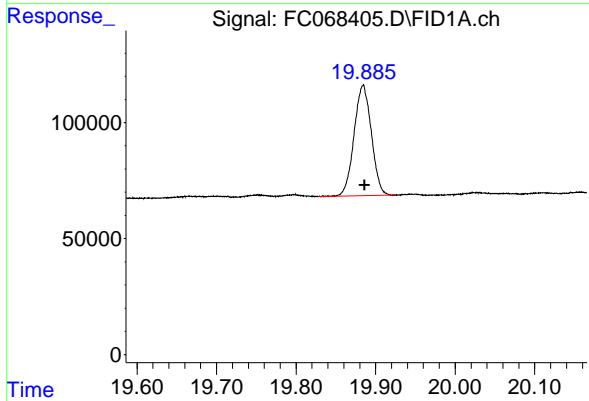
#18 n-Dotriacontane (C32)

R.T.: 18.363 min
 Delta R.T.: -0.002 min
 Response: 1085377
 Conc: 7.00 ug/ml



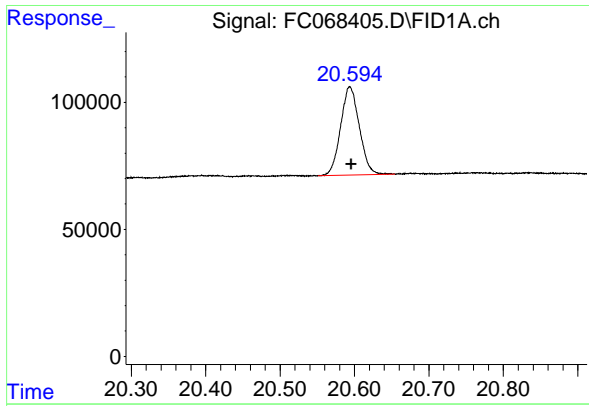
#19 n-Tetracontane (C34)

R.T.: 19.145 min
 Delta R.T.: -0.002 min
 Response: 914648
 Conc: 6.60 ug/ml



#20 n-Hexatriacontane (C36)

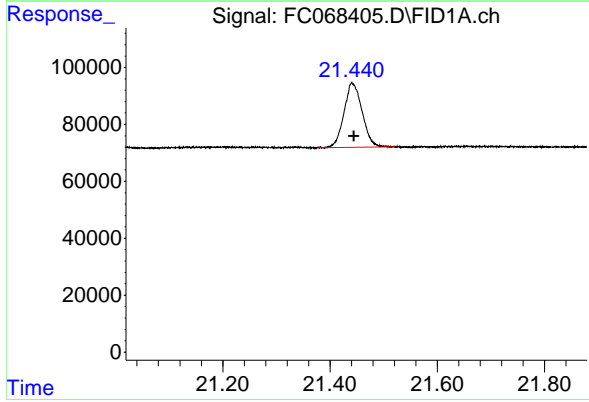
R.T.: 19.884 min
 Delta R.T.: -0.002 min
 Response: 718338
 Conc: 6.14 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.594 min
Delta R.T.: -0.002 min
Response: 606676
Conc: 5.84 ug/ml

Instrument : FID_C
ClientSampleId : 5 PPM ALIPHATIC HC STD5



#22 n-Tetracontane (C40)

R.T.: 21.442 min
Delta R.T.: -0.003 min
Response: 527594
Conc: 5.49 ug/ml