

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC092822AL\
 Data File : FC061668.D
 Signal(s) : FID1A.ch
 Acq On : 29 Sep 2022 05:15
 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: Sep 29 06:01:41 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 092022.M
 Quant Title : GC Extractables
 QLast Update : Tue Sep 20 18:33:32 2022
 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)	11.578	3102502	18.154 ug/ml
Spiked Amount 50.000		Recovery =	36.31%
12) S 1-chlorooctadecane (S...	13.016	2386487	17.469 ug/ml
Spiked Amount 50.000		Recovery =	34.94%
Target Compounds			
1) T n-Nonane (C9)	3.333	2903823	19.454 ug/ml
2) T n-Decane (C10)	4.400	2978482	19.746 ug/ml
3) T A~Naphthalene (C11.7)	5.984	3249196	19.593 ug/ml
4) T n-Dodecane (C12)	6.417	2994754	19.695 ug/ml
5) T A~2-methylnaphthalene...	7.041	3202573	19.469 ug/ml
6) T n-Tetradecane (C14)	8.215	2961816	19.427 ug/ml
7) T n-Hexadecane (C16)	9.818	2987406	19.320 ug/ml
8) T n-Octadecane (C18)	11.261	2943269	18.670 ug/ml
10) T n-Eicosane (C20)	12.572	2862187	17.961 ug/ml
11) T n-Heneicosane (C21)	13.184	2813342	17.535 ug/ml
13) T n-Docosane (C22)	13.770	2770780	17.246 ug/ml
14) T n-Tetracosane (C24)	14.874	2663524	16.627 ug/ml
15) T n-Hexacosane (C26)	15.895	2567827	16.198 ug/ml
16) T n-Octacosane (C28)	16.844	2492116	16.078 ug/ml
17) T n-Tricontane (C30)	17.732	2616681	17.004 ug/ml
18) T n-Dotriacontane (C32)	18.565	2655983	17.566 ug/ml
19) T n-Tetratriacontane (C34)	19.349	2436374	17.183 ug/ml
20) T n-Hexatriacontane (C36)	20.088	2405790	17.426 ug/ml
21) T n-Octatriacontane (C38)	20.826	3371647	26.035 ug/ml
22) T n-Tetracontane (C40)	21.736	2451399	20.059 ug/ml

(f)=RT Delta > 1/2 Window

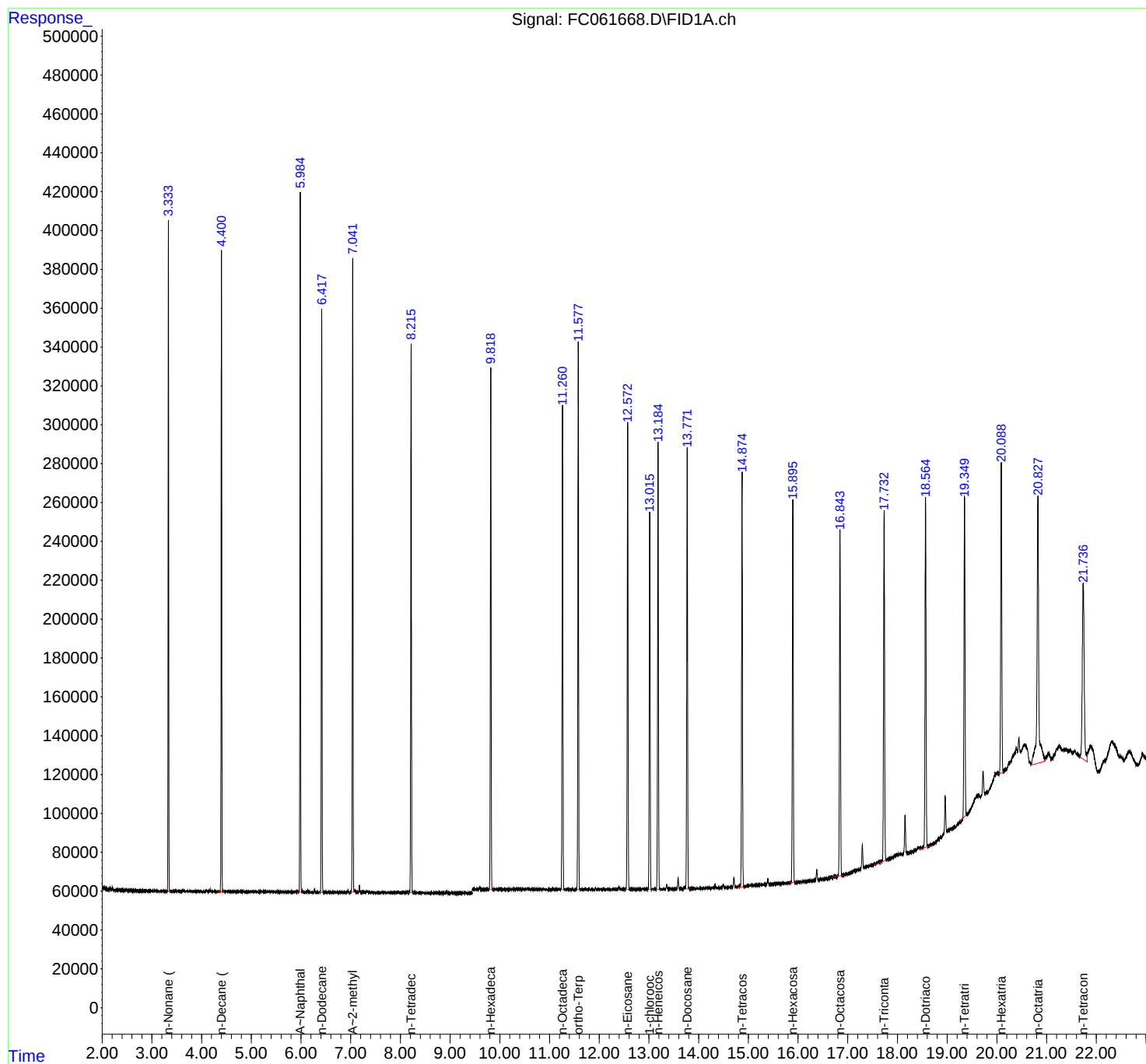
(m)=manual int.

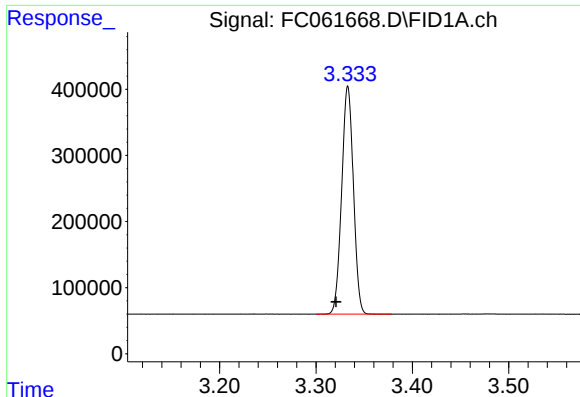
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC092822AL\
Data File : FC061668.D
Signal(s) : FID1A.ch
Acq On : 29 Sep 2022 05:15
Operator : YP/AJ
Sample : 20 PPM ALIPHATIC HC STD
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
Quant Time: Sep 29 06:01:41 2022
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 092022.M
Quant Title : GC Extractables
QLast Update : Tue Sep 20 18:33:32 2022
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um

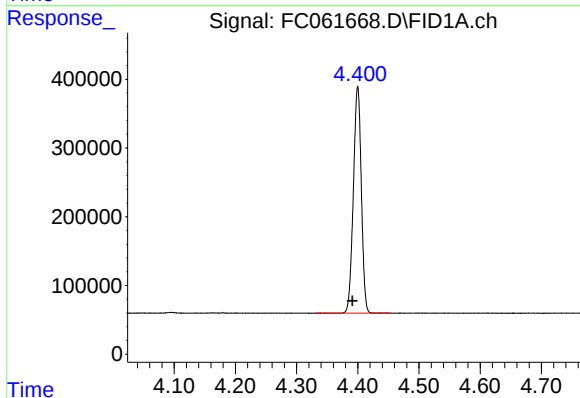




#1 n-Nonane (C9)

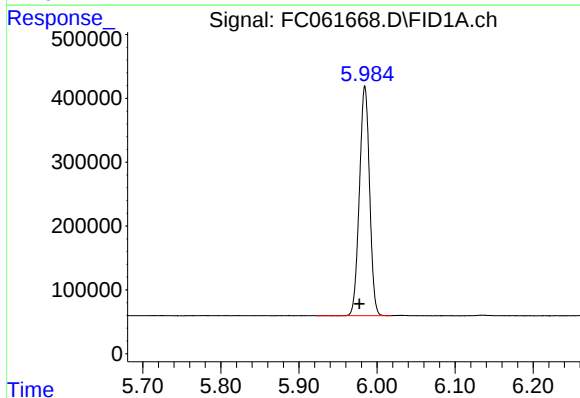
R.T.: 3.333 min
Delta R.T.: 0.012 min
Response: 2903823
Conc: 19.45 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



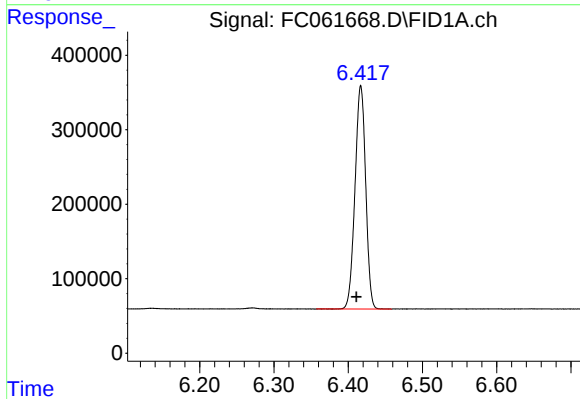
#2 n-Decane (C10)

R.T.: 4.400 min
Delta R.T.: 0.009 min
Response: 2978482
Conc: 19.75 ug/ml



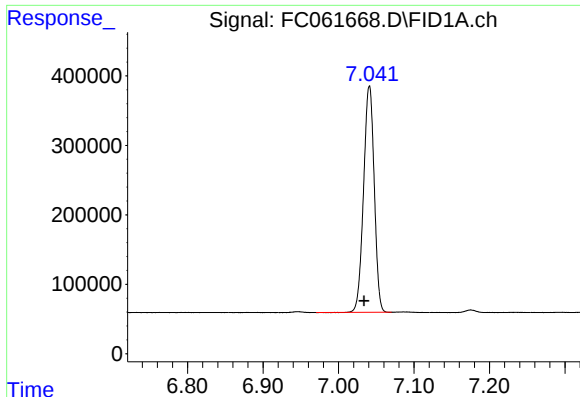
#3 A~Naphthalene (C11.7)

R.T.: 5.984 min
Delta R.T.: 0.007 min
Response: 3249196
Conc: 19.59 ug/ml



#4 n-Dodecane (C12)

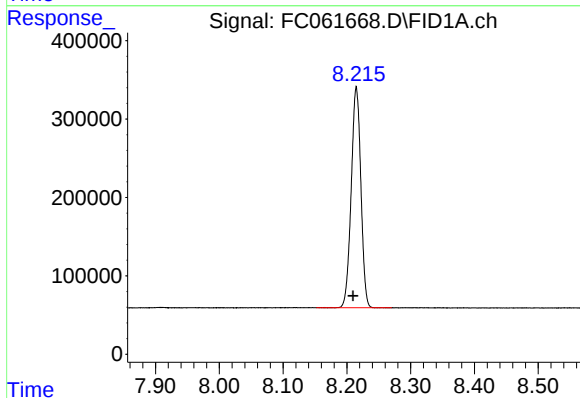
R.T.: 6.417 min
Delta R.T.: 0.006 min
Response: 2994754
Conc: 19.69 ug/ml



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

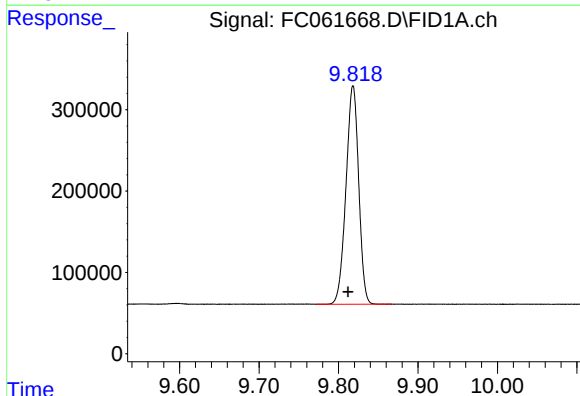
R.T.: 7.041 min
Delta R.T.: 0.007 min
Response: 3202573
Conc: 19.47 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



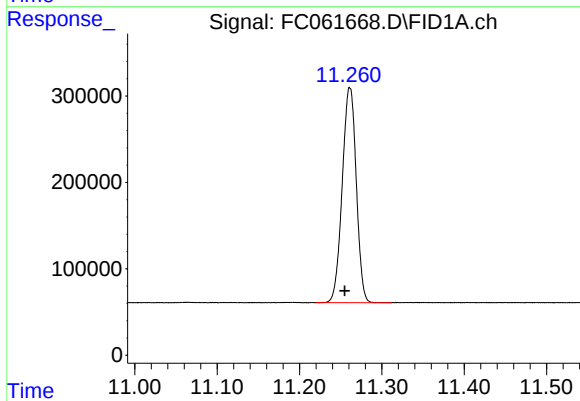
#6 n-Tetradecane (C14)

R.T.: 8.215 min
Delta R.T.: 0.005 min
Response: 2961816
Conc: 19.43 ug/ml



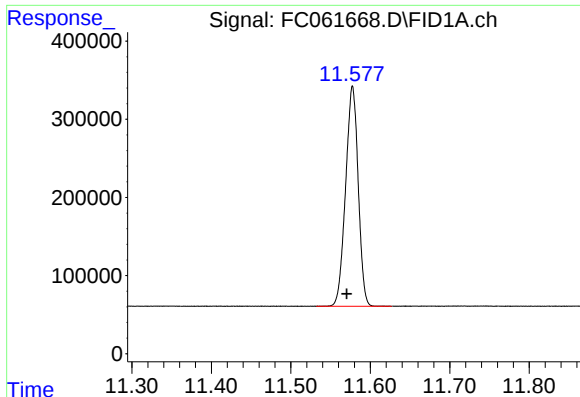
#7 n-Hexadecane (C16)

R.T.: 9.818 min
Delta R.T.: 0.006 min
Response: 2987406
Conc: 19.32 ug/ml



#8 n-Octadecane (C18)

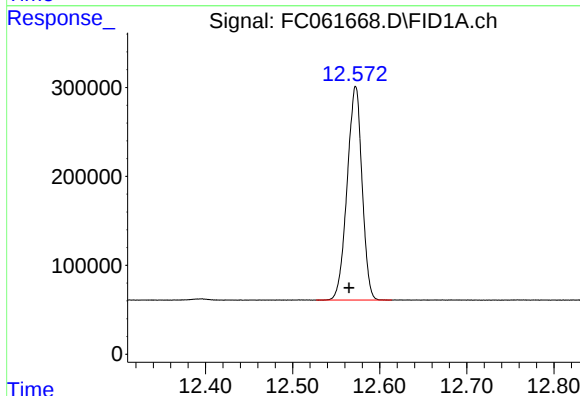
R.T.: 11.261 min
Delta R.T.: 0.006 min
Response: 2943269
Conc: 18.67 ug/ml



#9 ortho-Terphenyl (SURR)

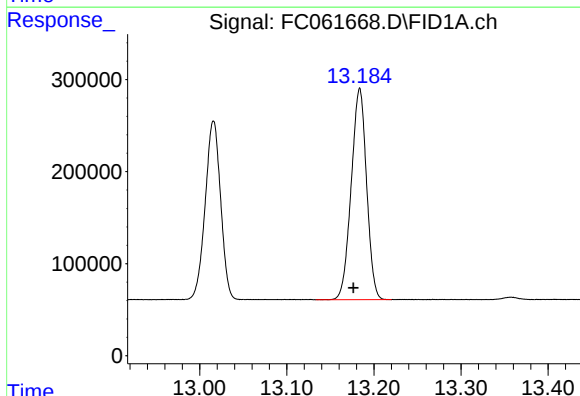
R.T.: 11.578 min
Delta R.T.: 0.007 min
Response: 3102502
Conc: 18.15 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



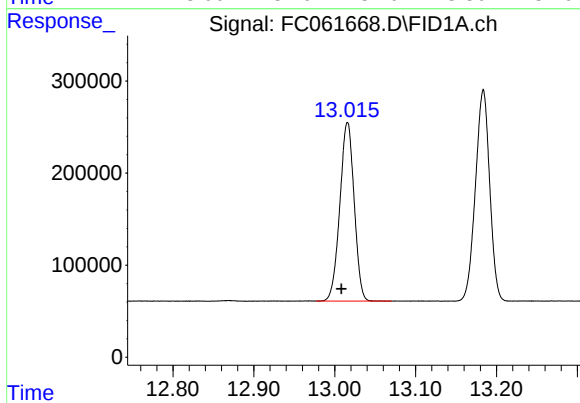
#10 n-Eicosane (C20)

R.T.: 12.572 min
Delta R.T.: 0.007 min
Response: 2862187
Conc: 17.96 ug/ml



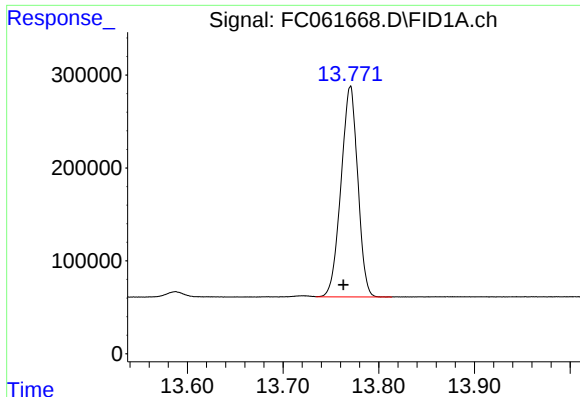
#11 n-Heneicosane (C21)

R.T.: 13.184 min
Delta R.T.: 0.007 min
Response: 2813342
Conc: 17.54 ug/ml



#12 1-chlorooctadecane (SURR)

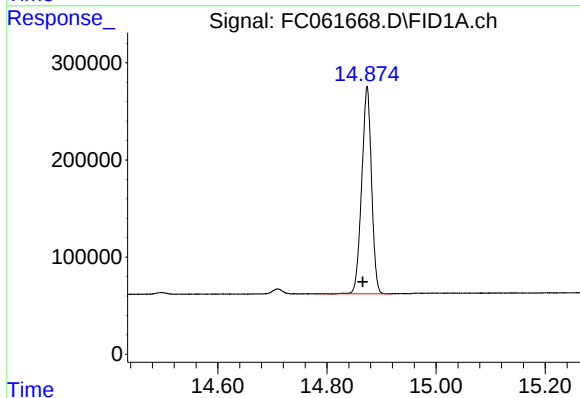
R.T.: 13.016 min
Delta R.T.: 0.007 min
Response: 2386487
Conc: 17.47 ug/ml



#13 n-Docosane (C22)

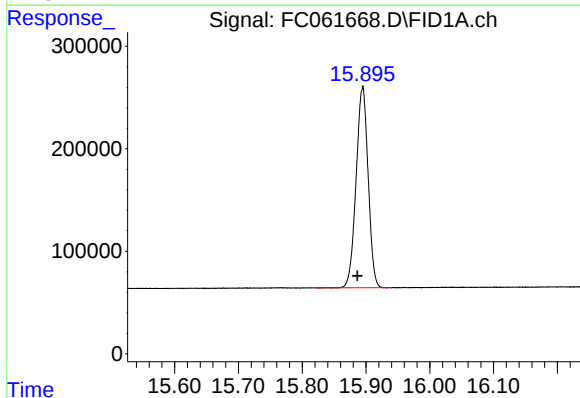
R.T.: 13.770 min
Delta R.T.: 0.007 min
Response: 2770780
Conc: 17.25 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



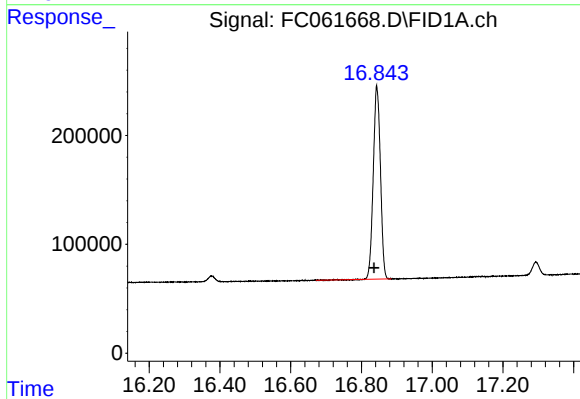
#14 n-Tetracosane (C24)

R.T.: 14.874 min
Delta R.T.: 0.008 min
Response: 2663524
Conc: 16.63 ug/ml



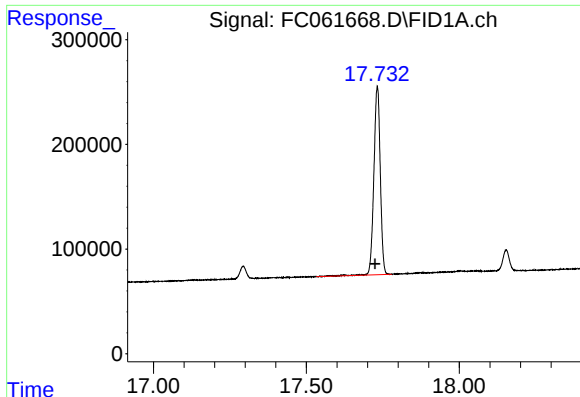
#15 n-Hexacosane (C26)

R.T.: 15.895 min
Delta R.T.: 0.008 min
Response: 2567827
Conc: 16.20 ug/ml



#16 n-Octacosane (C28)

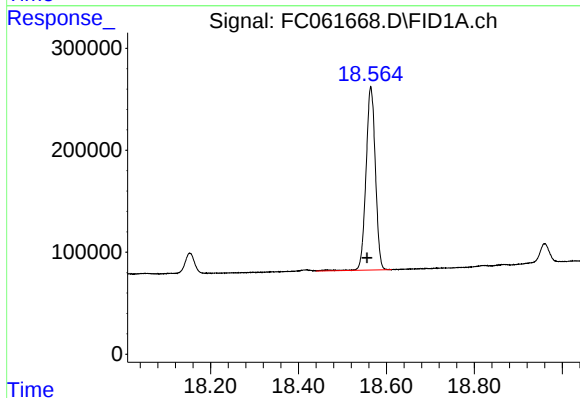
R.T.: 16.844 min
Delta R.T.: 0.008 min
Response: 2492116
Conc: 16.08 ug/ml



#17 n-Tricontane (C30)

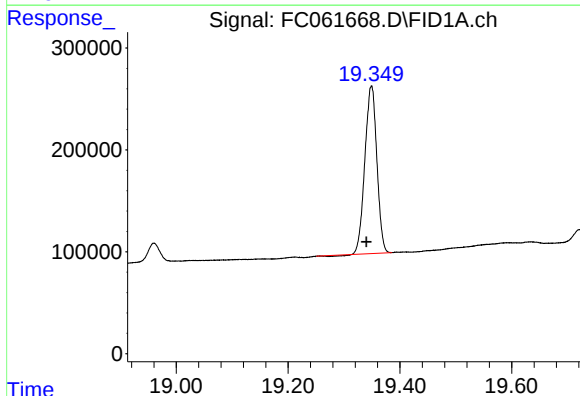
R.T.: 17.732 min
Delta R.T.: 0.008 min
Response: 2616681
Conc: 17.00 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



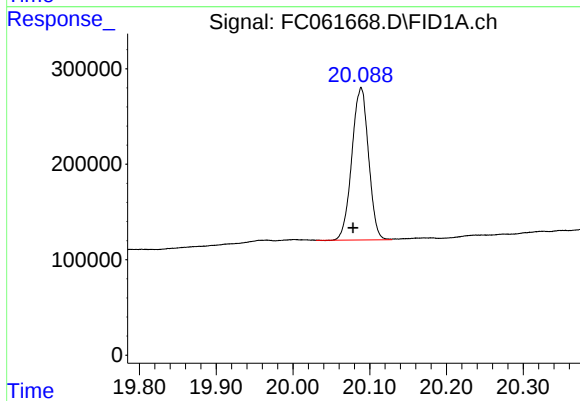
#18 n-Dotriacontane (C32)

R.T.: 18.565 min
Delta R.T.: 0.009 min
Response: 2655983
Conc: 17.57 ug/ml



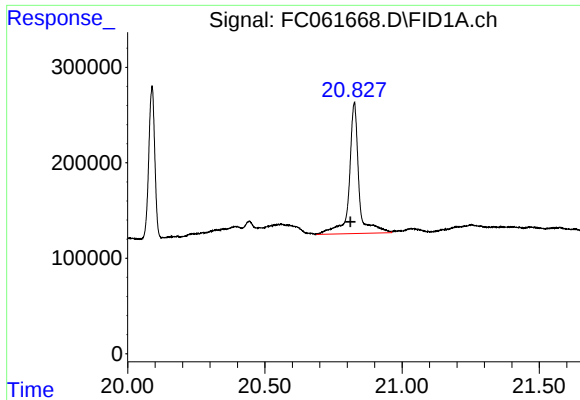
#19 n-Tetratriacontane (C34)

R.T.: 19.349 min
Delta R.T.: 0.009 min
Response: 2436374
Conc: 17.18 ug/ml



#20 n-Hexatriacontane (C36)

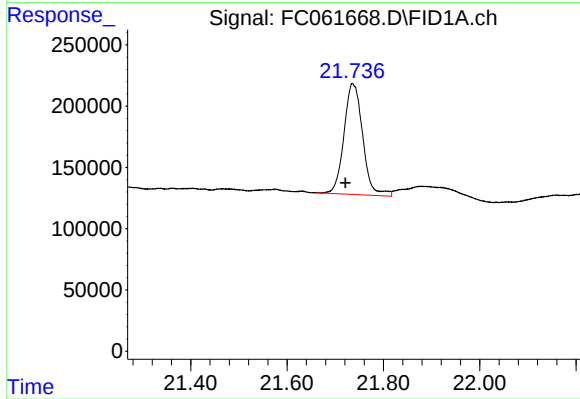
R.T.: 20.088 min
Delta R.T.: 0.010 min
Response: 2405790
Conc: 17.43 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.826 min
Delta R.T.: 0.014 min
Response: 3371647
Conc: 26.03 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 21.736 min
Delta R.T.: 0.015 min
Response: 2451399
Conc: 20.06 ug/ml