

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC102022AL\
 Data File : FC061859.D
 Signal(s) : FID1A.ch
 Acq On : 20 Oct 2022 12:06
 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: sample.E
 Quant Time: Oct 20 14:50:53 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 101722.M
 Quant Title : GC Extractables
 QLast Update : Mon Oct 17 23:26:31 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)	11.583	3150798	21.197 ug/ml
Spiked Amount 50.000		Recovery =	42.39%
12) S 1-chlorooctadecane (S...	13.019	2487284	21.350 ug/ml
Spiked Amount 50.000		Recovery =	42.70%
Target Compounds			
1) T n-Nonane (C9)	3.345	2913055	20.710 ug/ml
2) T n-Decane (C10)	4.411	2953465	20.690 ug/ml
3) T A~Naphthalene (C11.7)	5.994	3196954	20.712 ug/ml
4) T n-Dodecane (C12)	6.426	2991501	20.607 ug/ml
5) T A~2-methylnaphthalene...	7.049	3135466	20.669 ug/ml
6) T n-Tetradecane (C14)	8.222	2994177	20.598 ug/ml
7) T n-Hexadecane (C16)	9.823	3014428	20.700 ug/ml
8) T n-Octadecane (C18)	11.266	3029191	20.957 ug/ml
10) T n-Eicosane (C20)	12.576	2984693	21.148 ug/ml
11) T n-Heneicosane (C21)	13.187	2954378	21.292 ug/ml
13) T n-Docosane (C22)	13.774	2917669	21.283 ug/ml
14) T n-Tetracosane (C24)	14.876	2811976	21.282 ug/ml
15) T n-Hexacosane (C26)	15.897	2688741	21.338 ug/ml
16) T n-Octacosane (C28)	16.845	2563685	21.257 ug/ml
17) T n-Tricontane (C30)	17.733	2600093	21.853 ug/ml
18) T n-Dotriacontane (C32)	18.565	2582247	21.917 ug/ml
19) T n-Tetratriacontane (C34)	19.349	2447165	21.661 ug/ml
20) T n-Hexatriacontane (C36)	20.088	2429069	21.419 ug/ml
21) T n-Octatriacontane (C38)	20.824	2352328	20.906 ug/ml
22) T n-Tetracontane (C40)	21.736	2313983	20.611 ug/ml

(f)=RT Delta > 1/2 Window

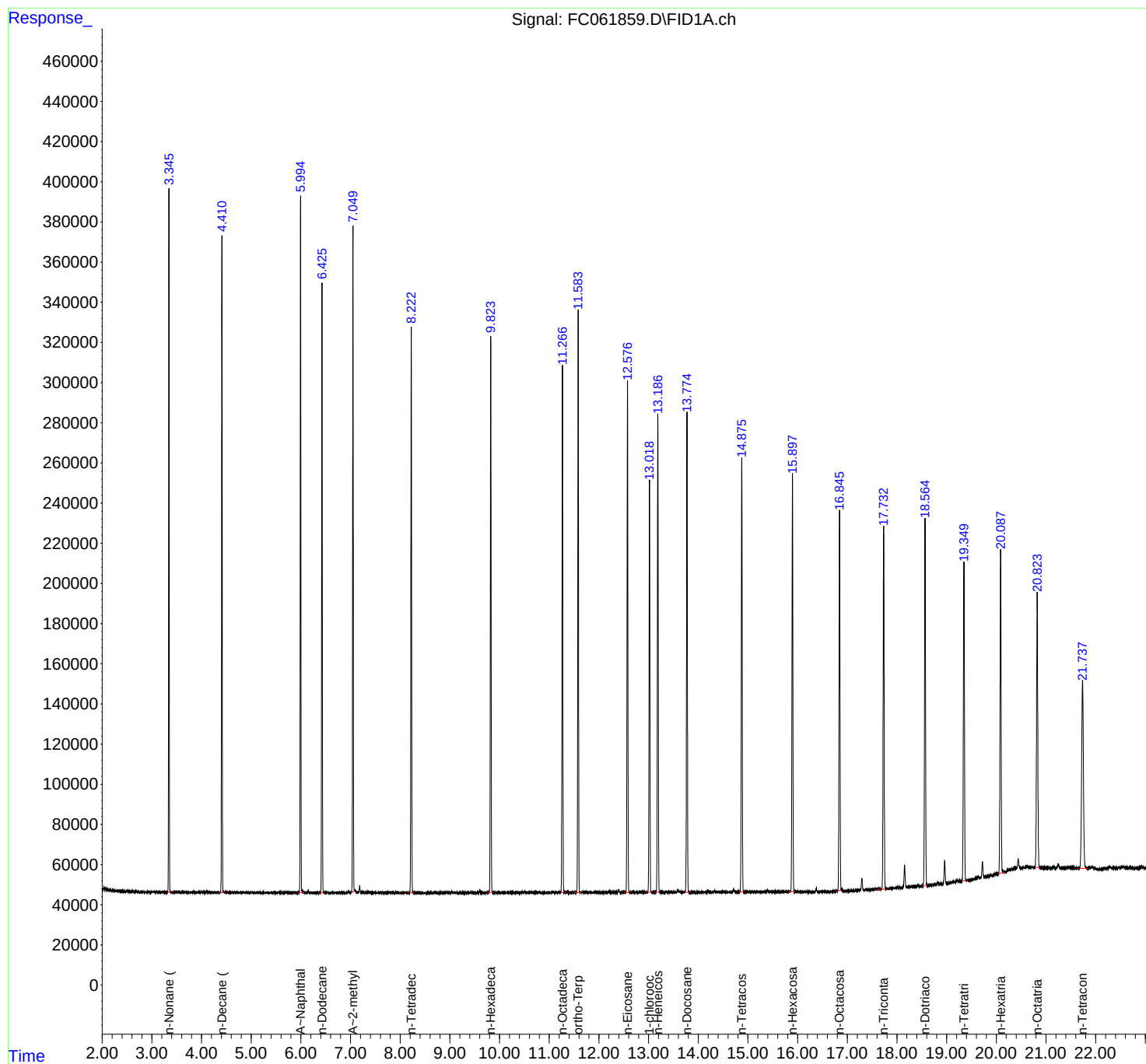
(m)=manual int.

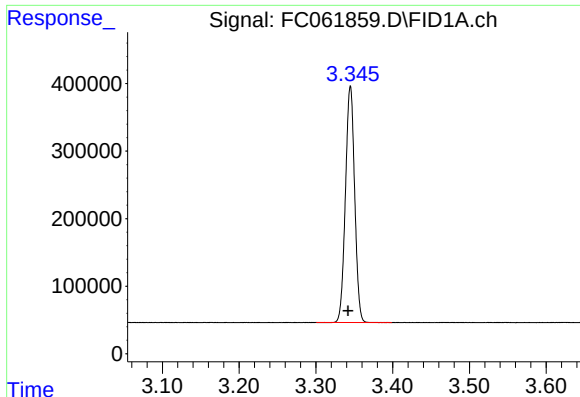
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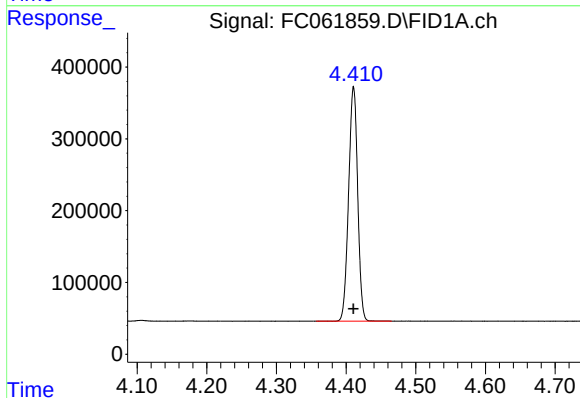




#1 n-Nonane (C9)

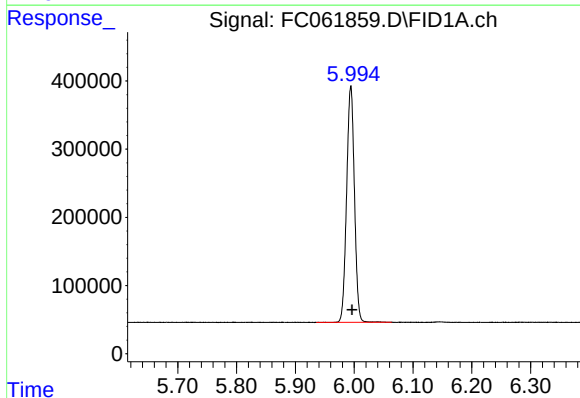
R.T.: 3.345 min
Delta R.T.: 0.003 min
Response: 2913055
Conc: 20.71 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



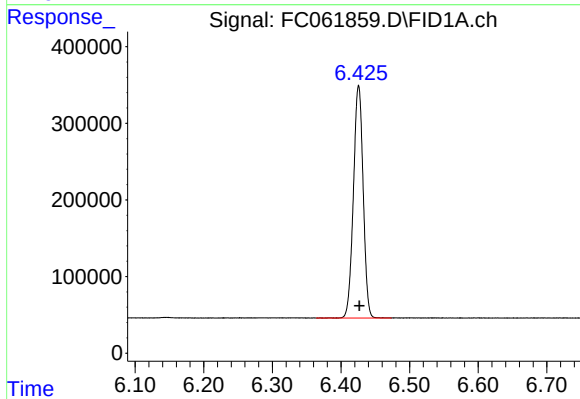
#2 n-Decane (C10)

R.T.: 4.411 min
Delta R.T.: 0.000 min
Response: 2953465
Conc: 20.69 ug/ml



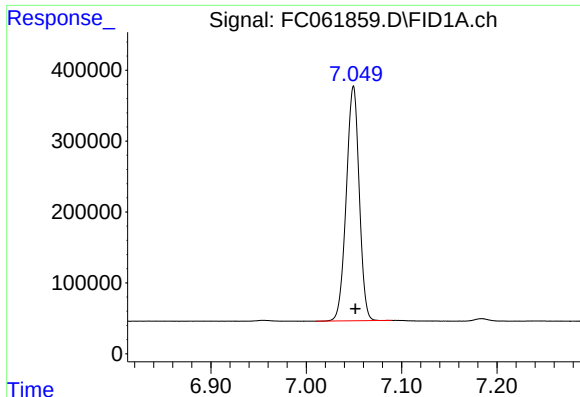
#3 A~Naphthalene (C11.7)

R.T.: 5.994 min
Delta R.T.: -0.002 min
Response: 3196954
Conc: 20.71 ug/ml



#4 n-Dodecane (C12)

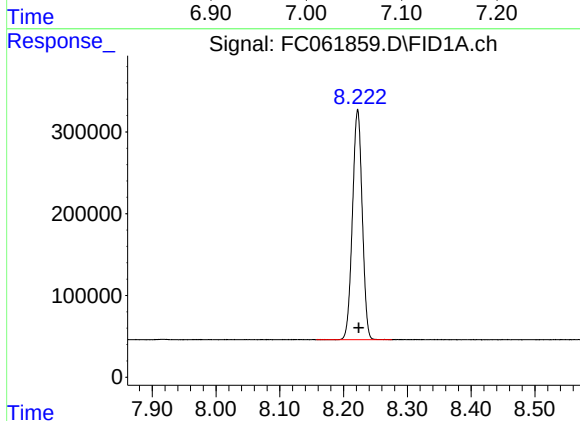
R.T.: 6.426 min
Delta R.T.: 0.000 min
Response: 2991501
Conc: 20.61 ug/ml



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

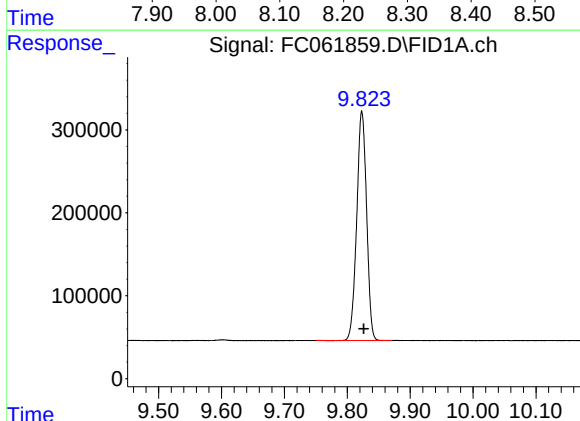
R.T.: 7.049 min
Delta R.T.: -0.002 min
Response: 3135466
Conc: 20.67 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



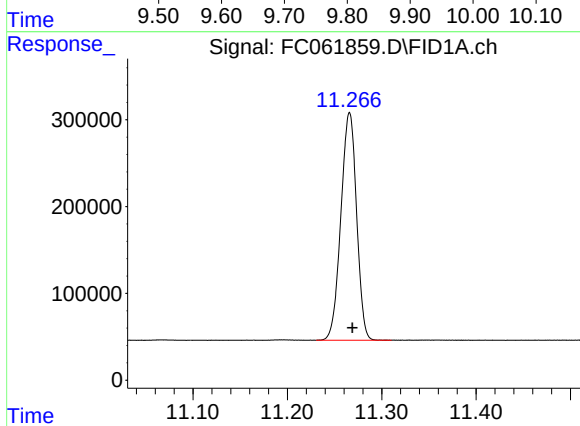
#6 n-Tetradecane (C14)

R.T.: 8.222 min
Delta R.T.: -0.002 min
Response: 2994177
Conc: 20.60 ug/ml



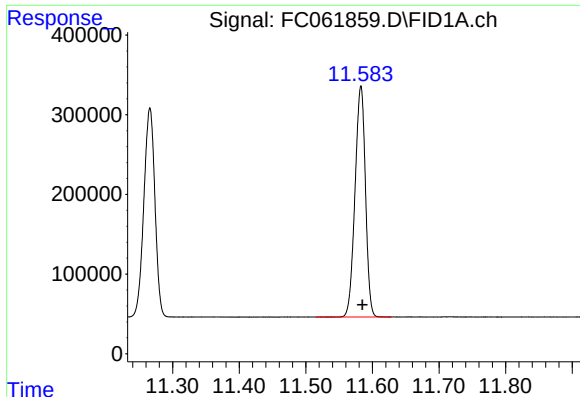
#7 n-Hexadecane (C16)

R.T.: 9.823 min
Delta R.T.: -0.003 min
Response: 3014428
Conc: 20.70 ug/ml



#8 n-Octadecane (C18)

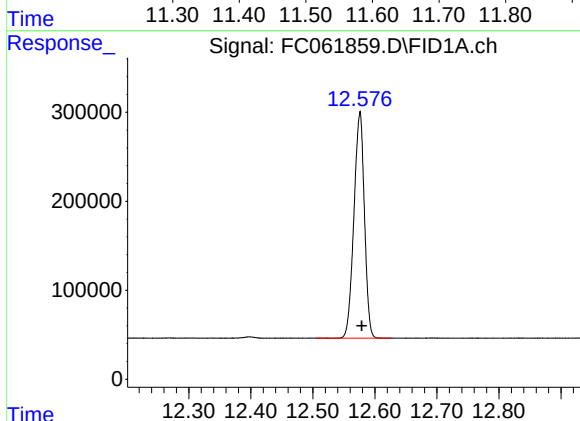
R.T.: 11.266 min
Delta R.T.: -0.003 min
Response: 3029191
Conc: 20.96 ug/ml



#9 ortho-Terphenyl (SURR)

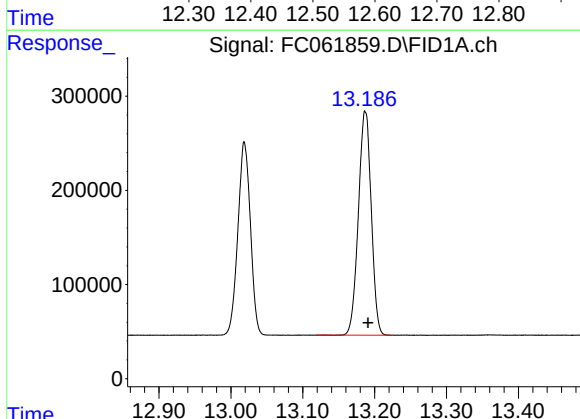
R.T.: 11.583 min
Delta R.T.: -0.003 min
Response: 3150798
Conc: 21.20 ug/ml

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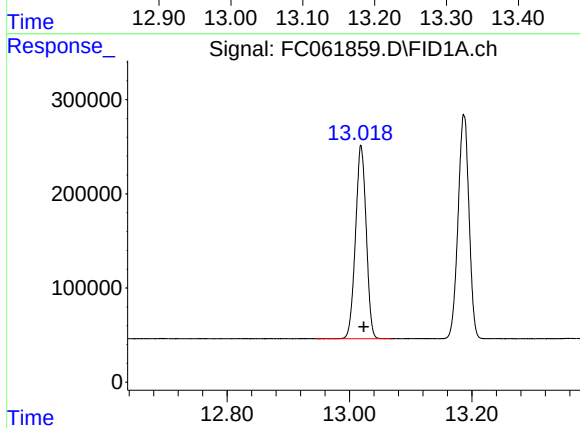
#10 n-Eicosane (C20)

R.T.: 12.576 min
Delta R.T.: -0.003 min
Response: 2984693
Conc: 21.15 ug/ml



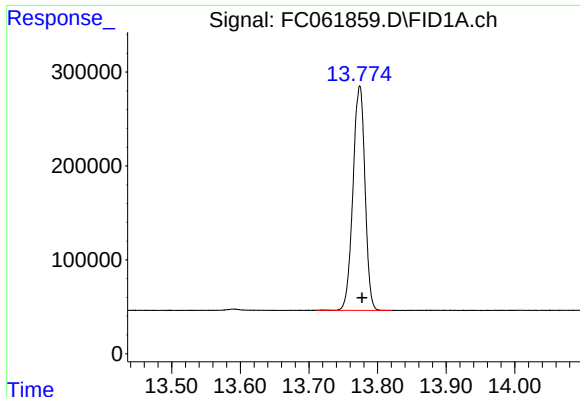
#11 n-Heneicosane (C21)

R.T.: 13.187 min
Delta R.T.: -0.004 min
Response: 2954378
Conc: 21.29 ug/ml



#12 1-chlorooctadecane (SURR)

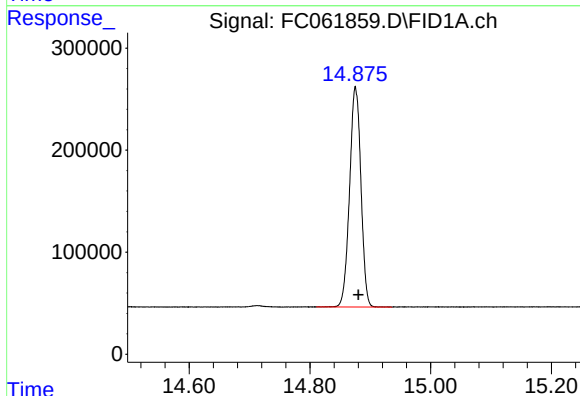
R.T.: 13.019 min
Delta R.T.: -0.004 min
Response: 2487284
Conc: 21.35 ug/ml



#13 n-Docosane (C22)

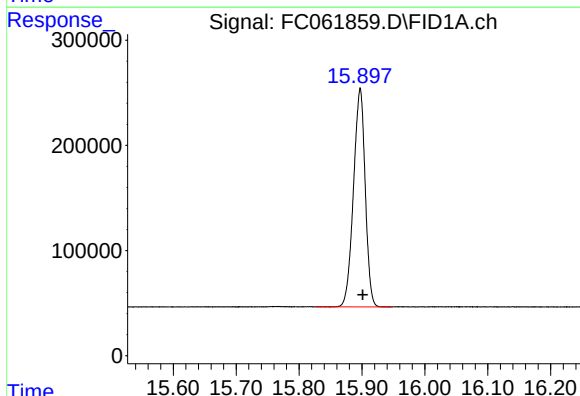
R.T.: 13.774 min
Delta R.T.: -0.004 min
Response: 2917669
Conc: 21.28 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



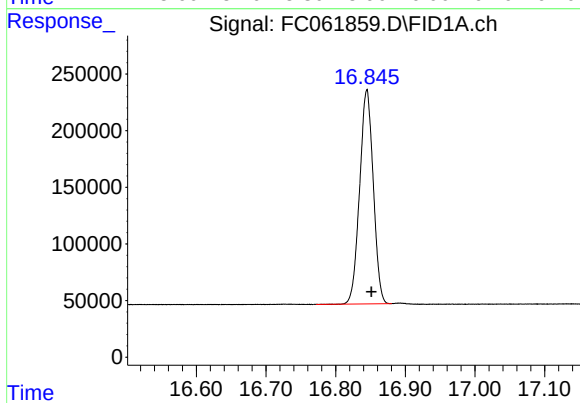
#14 n-Tetracosane (C24)

R.T.: 14.876 min
Delta R.T.: -0.005 min
Response: 2811976
Conc: 21.28 ug/ml



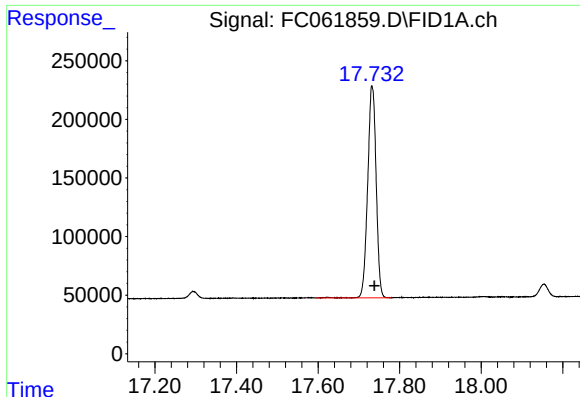
#15 n-Hexacosane (C26)

R.T.: 15.897 min
Delta R.T.: -0.005 min
Response: 2688741
Conc: 21.34 ug/ml



#16 n-Octacosane (C28)

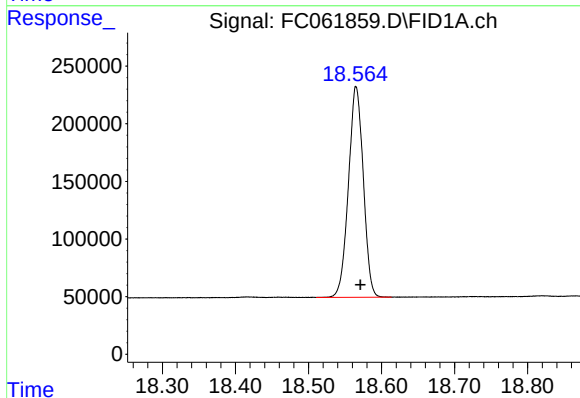
R.T.: 16.845 min
Delta R.T.: -0.006 min
Response: 2563685
Conc: 21.26 ug/ml



#17 n-Tricontane (C30)

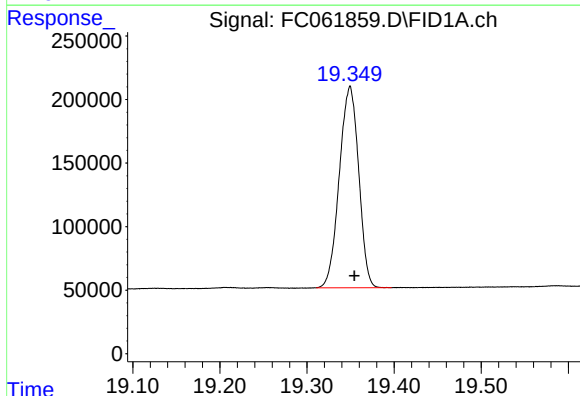
R.T.: 17.733 min
Delta R.T.: -0.005 min
Response: 2600093
Conc: 21.85 ug/ml

Instrument :
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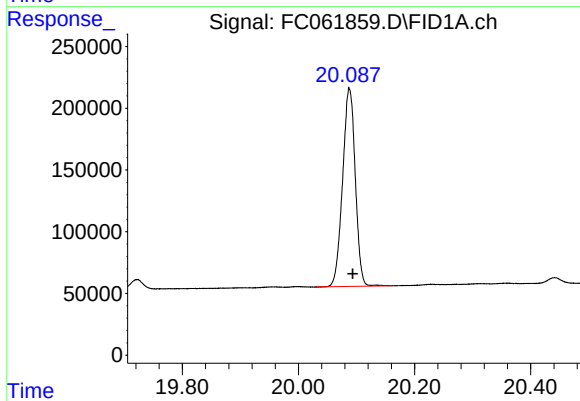
#18 n-Dotriacontane (C32)

R.T.: 18.565 min
Delta R.T.: -0.006 min
Response: 2582247
Conc: 21.92 ug/ml



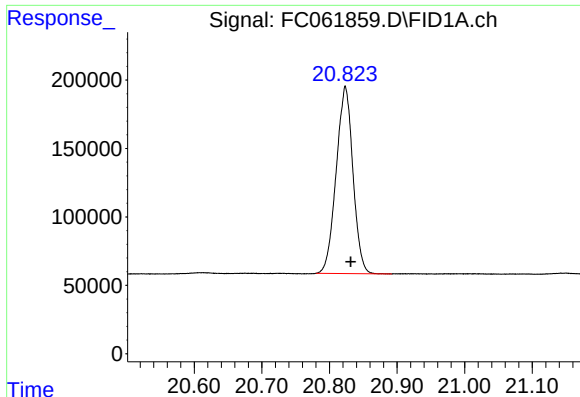
#19 n-Tetratriacontane (C34)

R.T.: 19.349 min
Delta R.T.: -0.005 min
Response: 2447165
Conc: 21.66 ug/ml



#20 n-Hexatriacontane (C36)

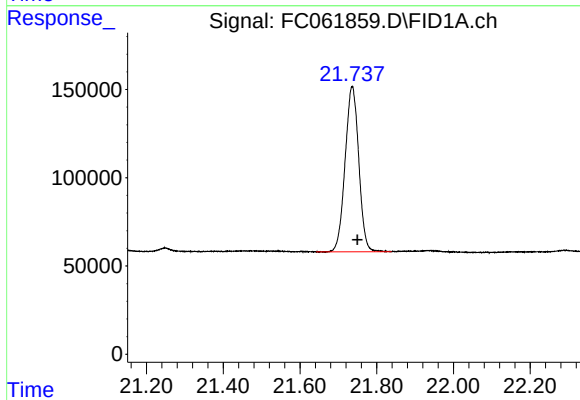
R.T.: 20.088 min
Delta R.T.: -0.006 min
Response: 2429069
Conc: 21.42 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.824 min
Delta R.T.: -0.008 min
Response: 2352328
Conc: 20.91 ug/ml

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FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 21.736 min
Delta R.T.: -0.014 min
Response: 2313983
Conc: 20.61 ug/ml