

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC101922AL\
 Data File : FC061852.D
 Signal(s) : FID1A.ch
 Acq On : 19 Oct 2022 13:55
 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: Oct 19 16:09:16 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)	11.582	3129871	21.056 ug/ml
Spiked Amount 50.000		Recovery =	42.11%
12) S 1-chlorooctadecane (S...	13.018	2463329	21.144 ug/ml
Spiked Amount 50.000		Recovery =	42.29%
Target Compounds			
1) T n-Nonane (C9)	3.345	2900645	20.621 ug/ml
2) T n-Decane (C10)	4.411	2942030	20.610 ug/ml
3) T A~Naphthalene (C11.7)	5.995	3186215	20.642 ug/ml
4) T n-Dodecane (C12)	6.426	2978395	20.517 ug/ml
5) T A~2-methylnaphthalene...	7.050	3127975	20.620 ug/ml
6) T n-Tetradecane (C14)	8.223	2981349	20.510 ug/ml
7) T n-Hexadecane (C16)	9.824	3002115	20.615 ug/ml
8) T n-Octadecane (C18)	11.266	3007874	20.810 ug/ml
10) T n-Eicosane (C20)	12.575	2962425	20.990 ug/ml
11) T n-Heneicosane (C21)	13.186	2929849	21.115 ug/ml
13) T n-Docosane (C22)	13.773	2885478	21.048 ug/ml
14) T n-Tetracosane (C24)	14.875	2778698	21.030 ug/ml
15) T n-Hexacosane (C26)	15.896	2654637	21.068 ug/ml
16) T n-Octacosane (C28)	16.846	2519924	20.894 ug/ml
17) T n-Tricontane (C30)	17.734	2512352	21.115 ug/ml
18) T n-Dotriacontane (C32)	18.566	2472879	20.988 ug/ml
19) T n-Tetratriacontane (C34)	19.350	2359677	20.887 ug/ml
20) T n-Hexatriacontane (C36)	20.090	2354767	20.763 ug/ml
21) T n-Octatriacontane (C38)	20.826	2310979	20.539 ug/ml
22) T n-Tetracontane (C40)	21.741	2261650	20.145 ug/ml

(f)=RT Delta > 1/2 Window

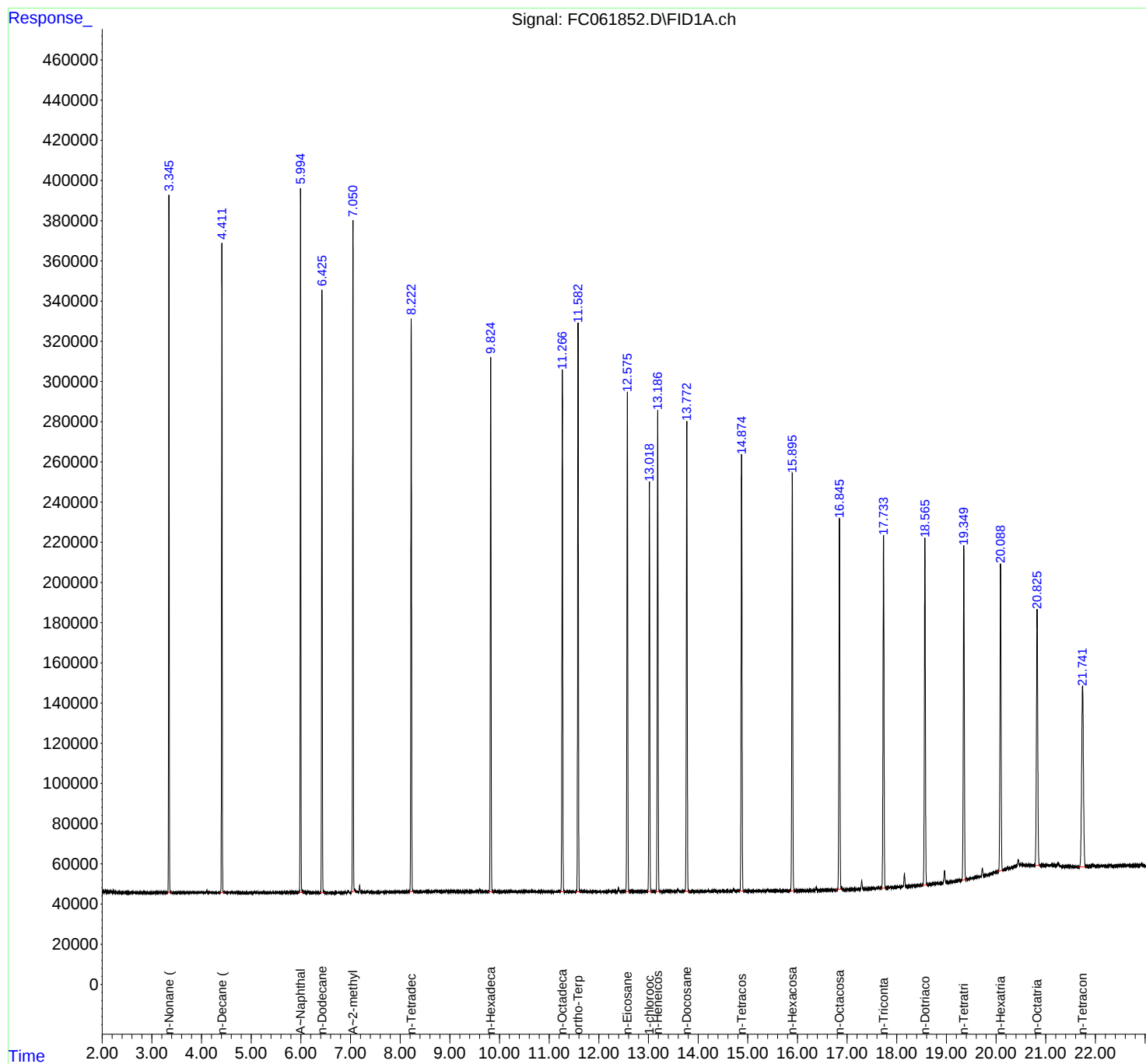
(m)=manual int.

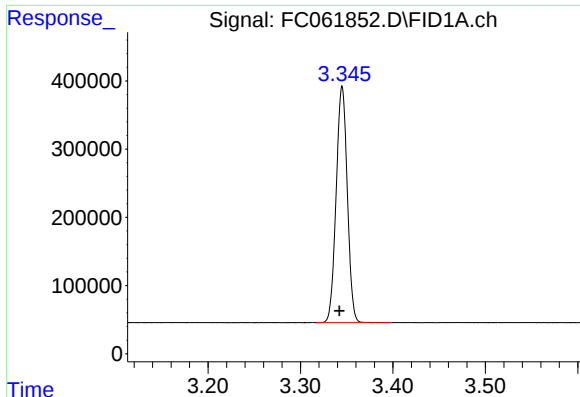
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC101922AL\
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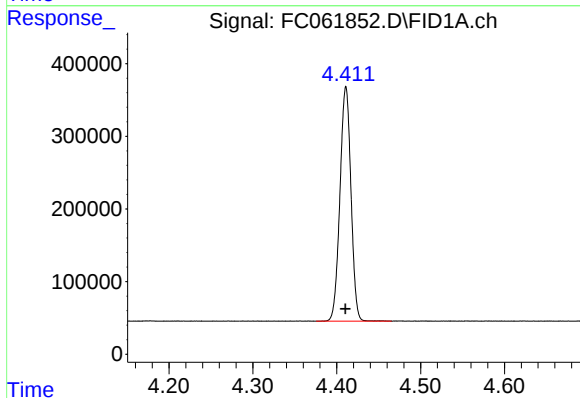




#1 n-Nonane (C9)

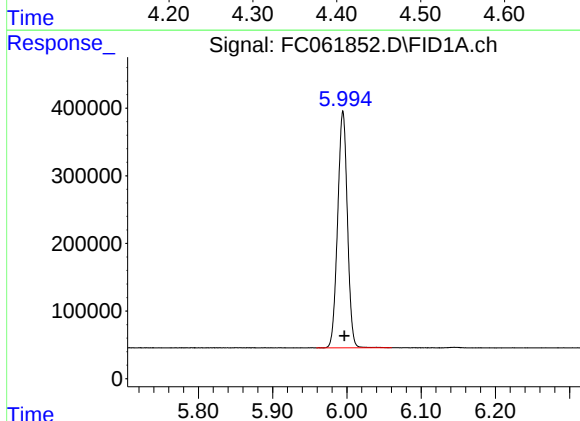
R.T.: 3.345 min
Delta R.T.: 0.003 min
Response: 2900645
Conc: 20.62 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



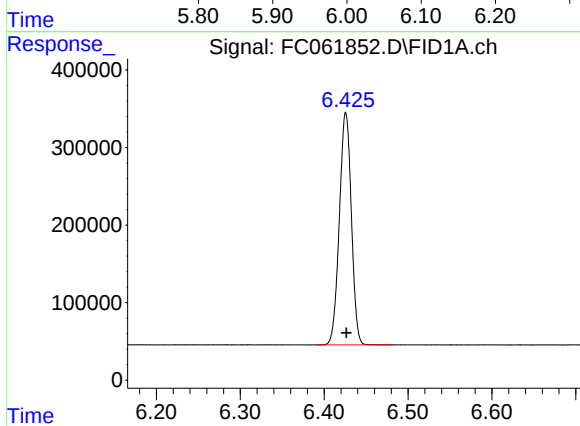
#2 n-Decane (C10)

R.T.: 4.411 min
Delta R.T.: 0.000 min
Response: 2942030
Conc: 20.61 ug/ml



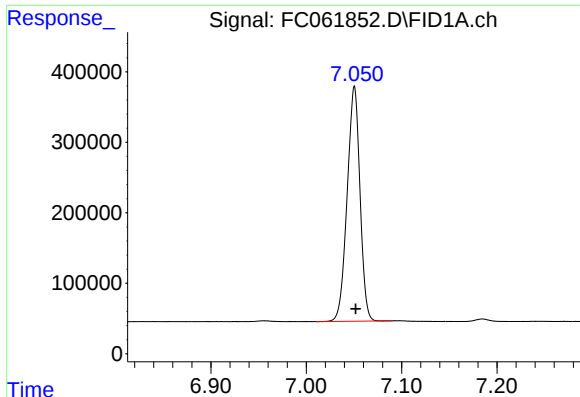
#3 A~Naphthalene (C11.7)

R.T.: 5.995 min
Delta R.T.: -0.002 min
Response: 3186215
Conc: 20.64 ug/ml



#4 n-Dodecane (C12)

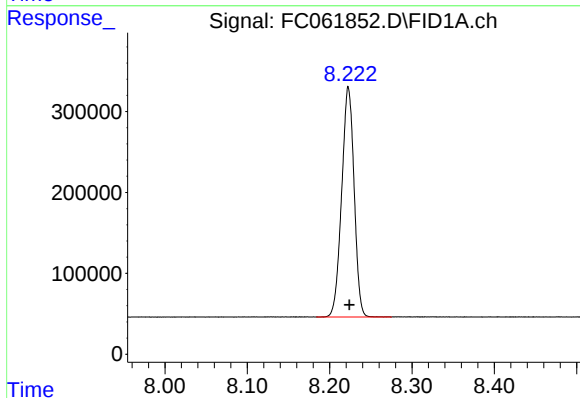
R.T.: 6.426 min
Delta R.T.: 0.000 min
Response: 2978395
Conc: 20.52 ug/ml



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

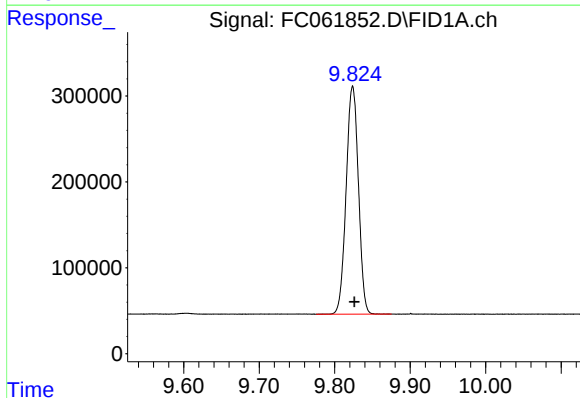
R.T.: 7.050 min
Delta R.T.: -0.001 min
Response: 3127975
Conc: 20.62 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



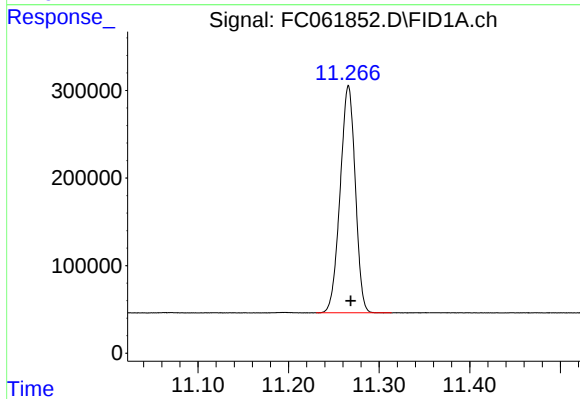
#6 n-Tetradecane (C14)

R.T.: 8.223 min
Delta R.T.: -0.001 min
Response: 2981349
Conc: 20.51 ug/ml



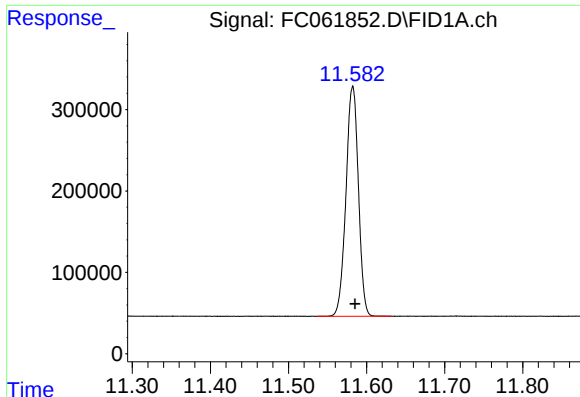
#7 n-Hexadecane (C16)

R.T.: 9.824 min
Delta R.T.: -0.002 min
Response: 3002115
Conc: 20.62 ug/ml



#8 n-Octadecane (C18)

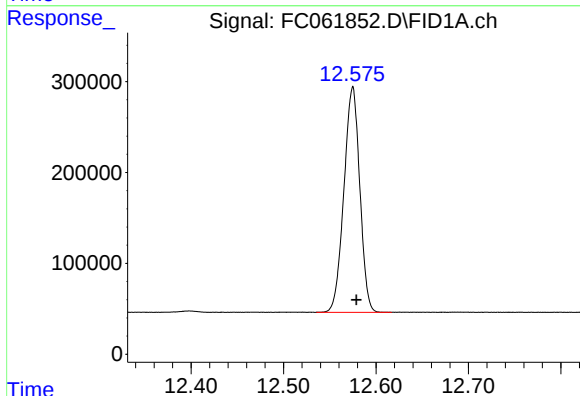
R.T.: 11.266 min
Delta R.T.: -0.003 min
Response: 3007874
Conc: 20.81 ug/ml



#9 ortho-Terphenyl (SURR)

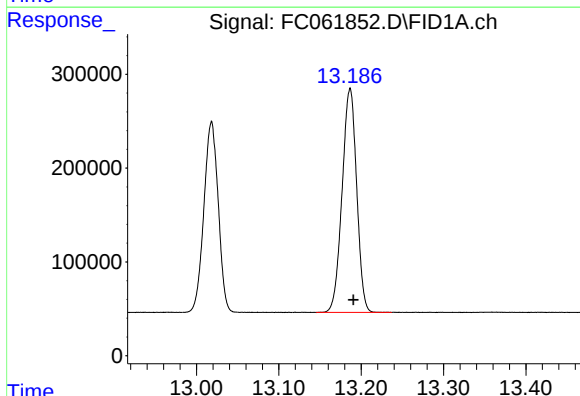
R.T.: 11.582 min
Delta R.T.: -0.003 min
Response: 3129871
Conc: 21.06 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



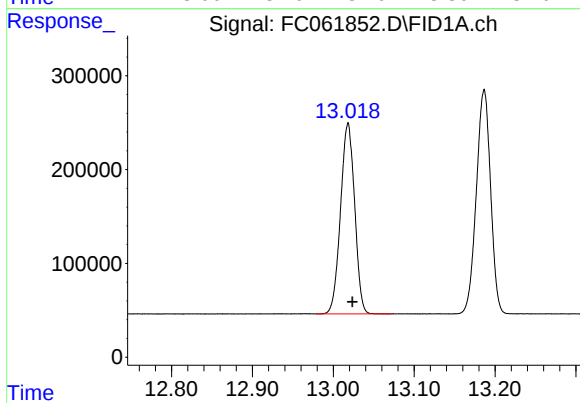
#10 n-Eicosane (C20)

R.T.: 12.575 min
Delta R.T.: -0.004 min
Response: 2962425
Conc: 20.99 ug/ml



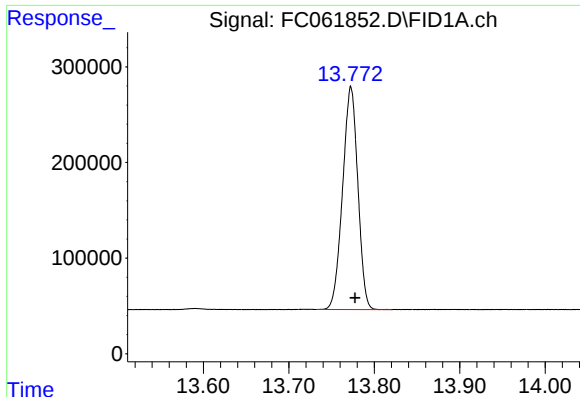
#11 n-Heneicosane (C21)

R.T.: 13.186 min
Delta R.T.: -0.004 min
Response: 2929849
Conc: 21.12 ug/ml



#12 1-chlorooctadecane (SURR)

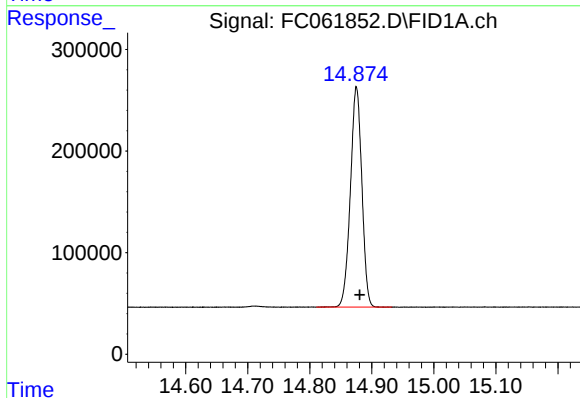
R.T.: 13.018 min
Delta R.T.: -0.005 min
Response: 2463329
Conc: 21.14 ug/ml



#13 n-Docosane (C22)

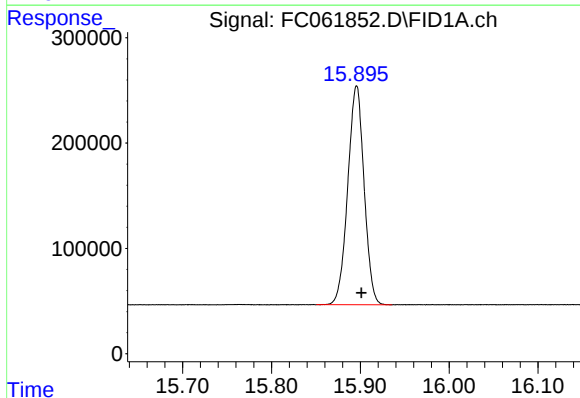
R.T.: 13.773 min
Delta R.T.: -0.005 min
Response: 2885478
Conc: 21.05 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



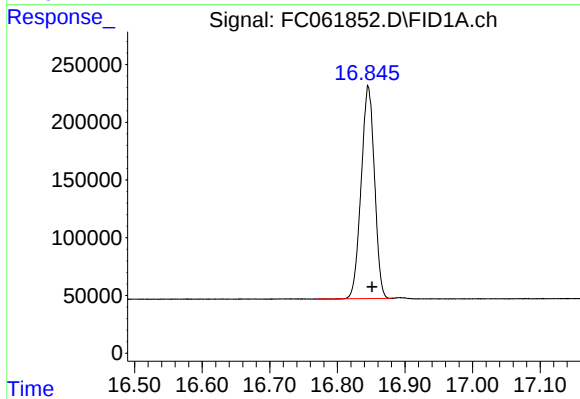
#14 n-Tetracosane (C24)

R.T.: 14.875 min
Delta R.T.: -0.005 min
Response: 2778698
Conc: 21.03 ug/ml



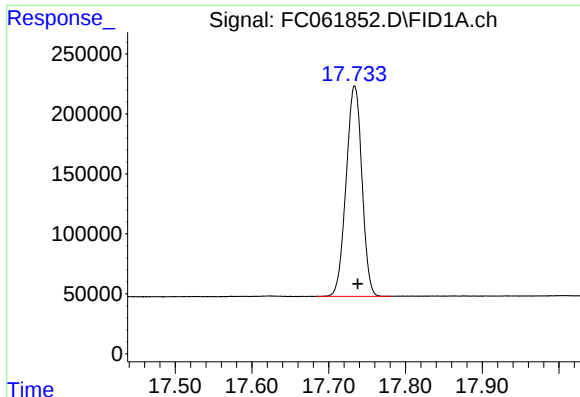
#15 n-Hexacosane (C26)

R.T.: 15.896 min
Delta R.T.: -0.006 min
Response: 2654637
Conc: 21.07 ug/ml



#16 n-Octacosane (C28)

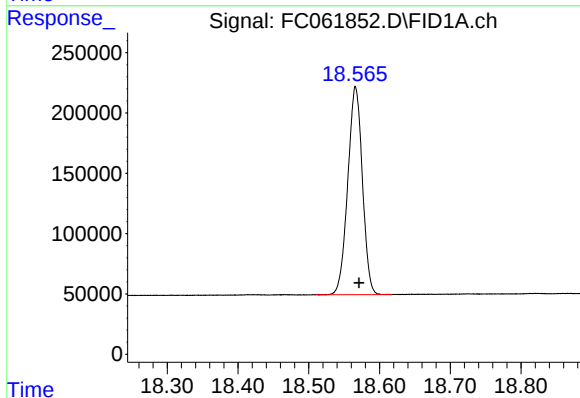
R.T.: 16.846 min
Delta R.T.: -0.005 min
Response: 2519924
Conc: 20.89 ug/ml



#17 n-Tricontane (C30)

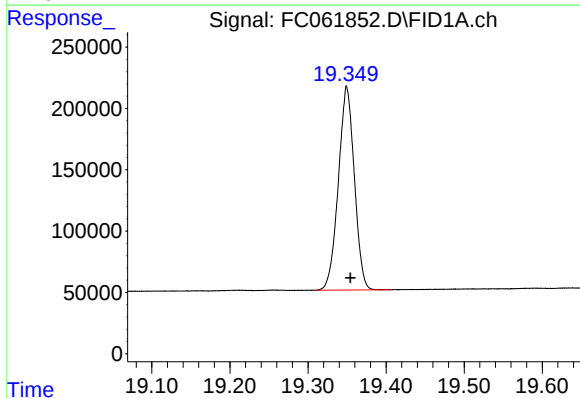
R.T.: 17.734 min
Delta R.T.: -0.004 min
Response: 2512352
Conc: 21.12 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



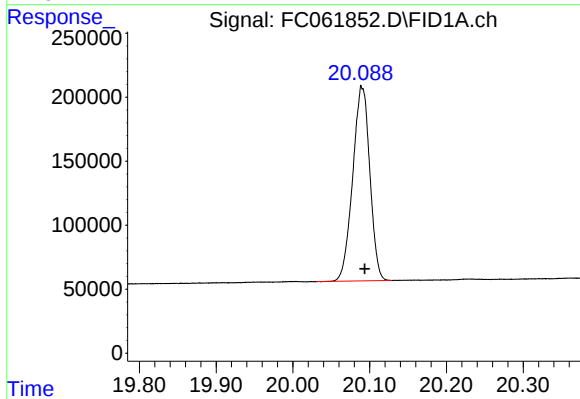
#18 n-Dotriacontane (C32)

R.T.: 18.566 min
Delta R.T.: -0.005 min
Response: 2472879
Conc: 20.99 ug/ml



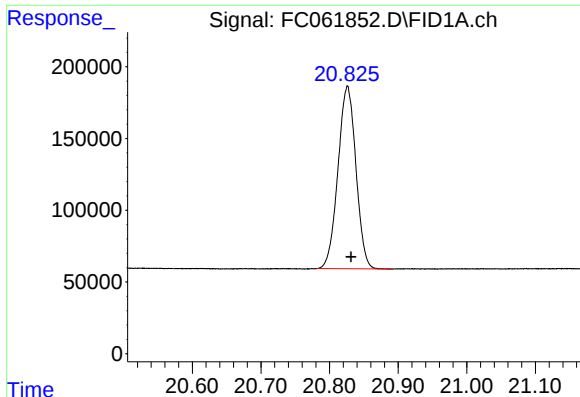
#19 n-Tetratriacontane (C34)

R.T.: 19.350 min
Delta R.T.: -0.005 min
Response: 2359677
Conc: 20.89 ug/ml



#20 n-Hexatriacontane (C36)

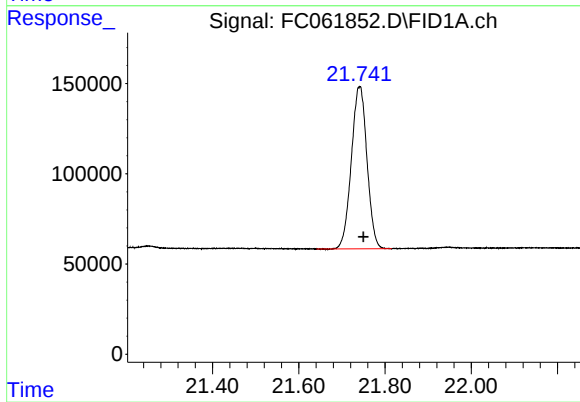
R.T.: 20.090 min
Delta R.T.: -0.003 min
Response: 2354767
Conc: 20.76 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.826 min
Delta R.T.: -0.005 min
Response: 2310979
Conc: 20.54 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 21.741 min
Delta R.T.: -0.009 min
Response: 2261650
Conc: 20.15 ug/ml