

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC011923AL\
 Data File : FC062712.D
 Signal(s) : FID1A.ch
 Acq On : 19 Jan 2023 10:19
 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: Jan 20 00:21:07 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 010523.M
 Quant Title : GC Extractables
 QLast Update : Thu Jan 05 04:54:00 2023
 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)	11.554	2839463	20.097 ug/ml
Spiked Amount 50.000		Recovery =	40.19%
12) S 1-chlorooctadecane (S...	12.992	2125580	20.179 ug/ml
Spiked Amount 50.000		Recovery =	40.36%
Target Compounds			
1) T n-Nonane (C9)	3.314	2715324	20.306 ug/ml
2) T n-Decane (C10)	4.381	2635739	20.323 ug/ml
3) T A~Naphthalene (C11.7)	5.965	2958204	20.131 ug/ml
4) T n-Dodecane (C12)	6.401	2608447	20.296 ug/ml
5) T A~2-methylnaphthalene...	7.023	2734003	19.997 ug/ml
6) T n-Tetradecane (C14)	8.197	2612693	20.296 ug/ml
7) T n-Hexadecane (C16)	9.799	2618881	20.279 ug/ml
8) T n-Octadecane (C18)	11.240	2623853	20.262 ug/ml
10) T n-Eicosane (C20)	12.548	2505301	20.300 ug/ml
11) T n-Heneicosane (C21)	13.160	2489919	20.315 ug/ml
13) T n-Docosane (C22)	13.745	2418234	20.228 ug/ml
14) T n-Tetracosane (C24)	14.847	2383082	20.462 ug/ml
15) T n-Hexacosane (C26)	15.866	2318097	20.634 ug/ml
16) T n-Octacosane (C28)	16.816	2289627	20.853 ug/ml
17) T n-Tricontane (C30)	17.701	2297906	21.219 ug/ml
18) T n-Dotriacontane (C32)	18.531	2321306	21.263 ug/ml
19) T n-Tetratriacontane (C34)	19.312	2246023	20.659 ug/ml
20) T n-Hexatriacontane (C36)	20.050	2110713	18.975 ug/ml
21) T n-Octatriacontane (C38)	20.782	1976633	18.664 ug/ml
22) T n-Tetracontane (C40)	21.686	1937059	18.189 ug/ml

(f)=RT Delta > 1/2 Window

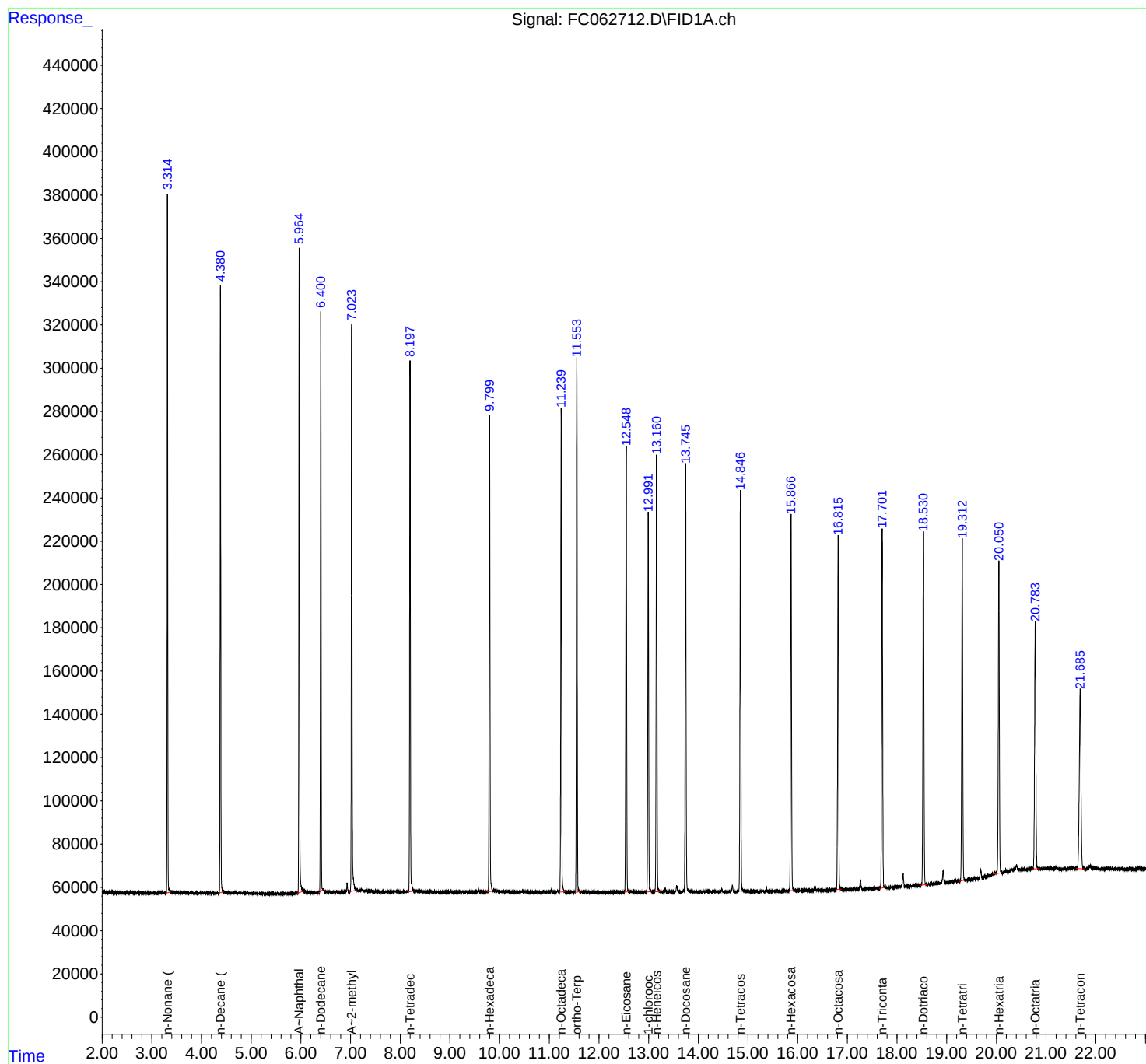
(m)=manual int.

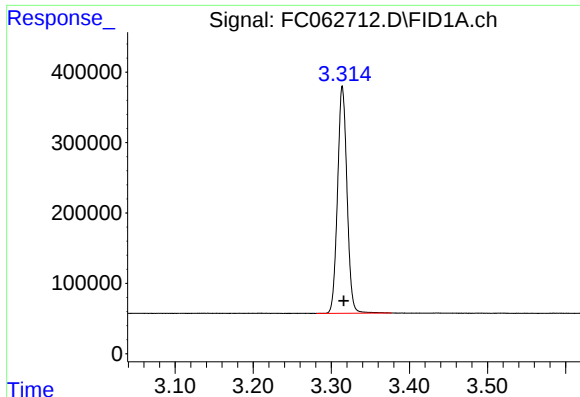
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC011923AL\
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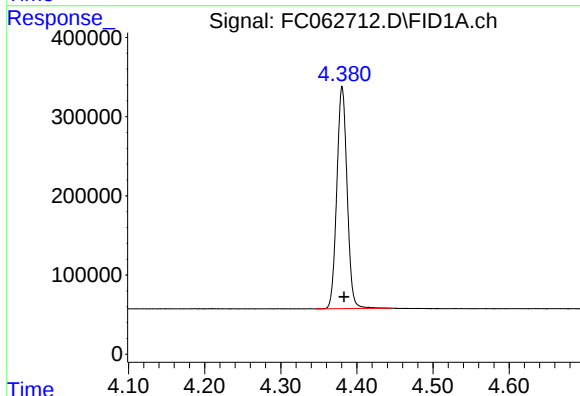




#1 n-Nonane (C9)

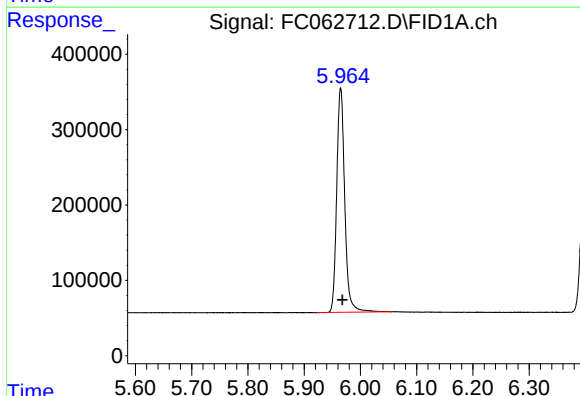
R.T.: 3.314 min
Delta R.T.: -0.002 min
Response: 2715324
Conc: 20.31 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



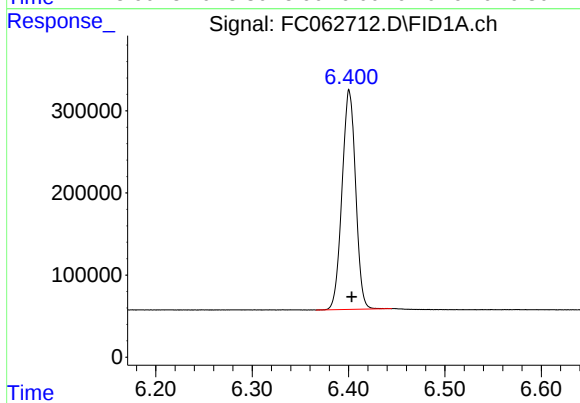
#2 n-Decane (C10)

R.T.: 4.381 min
Delta R.T.: -0.002 min
Response: 2635739
Conc: 20.32 ug/ml



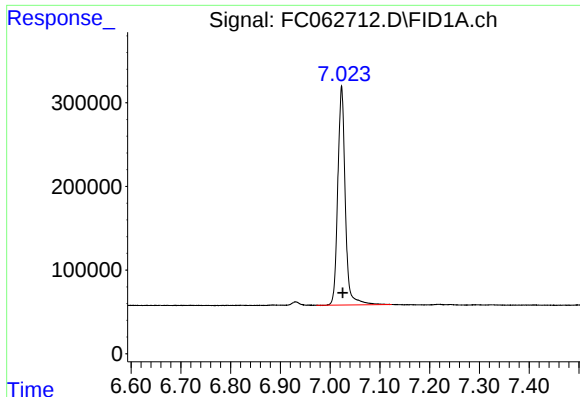
#3 A~Naphthalene (C11.7)

R.T.: 5.965 min
Delta R.T.: -0.003 min
Response: 2958204
Conc: 20.13 ug/ml



#4 n-Dodecane (C12)

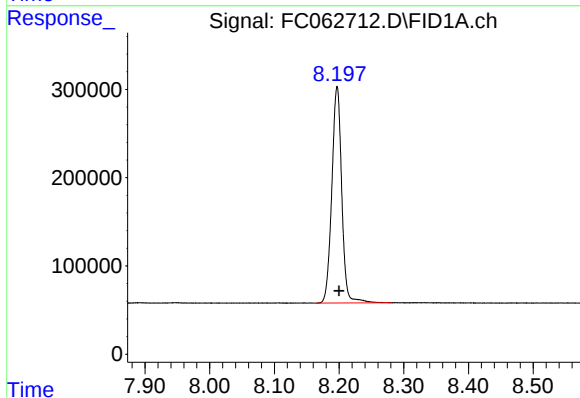
R.T.: 6.401 min
Delta R.T.: -0.002 min
Response: 2608447
Conc: 20.30 ug/ml



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

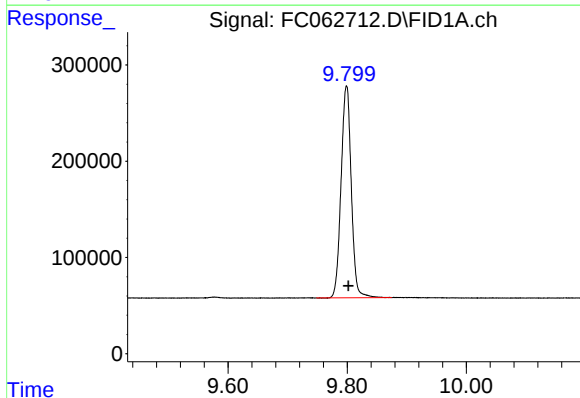
R.T.: 7.023 min
Delta R.T.: -0.002 min
Response: 2734003
Conc: 20.00 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



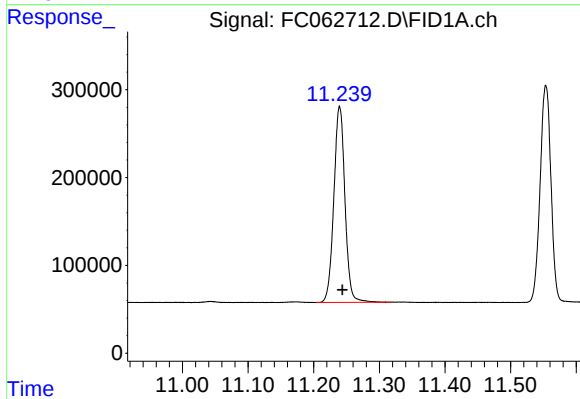
#6 n-Tetradecane (C14)

R.T.: 8.197 min
Delta R.T.: -0.003 min
Response: 2612693
Conc: 20.30 ug/ml



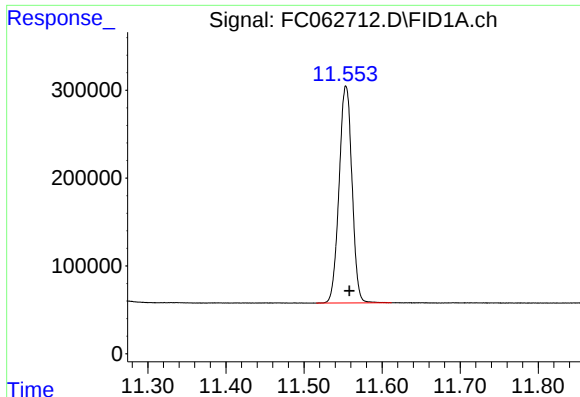
#7 n-Hexadecane (C16)

R.T.: 9.799 min
Delta R.T.: -0.003 min
Response: 2618881
Conc: 20.28 ug/ml



#8 n-Octadecane (C18)

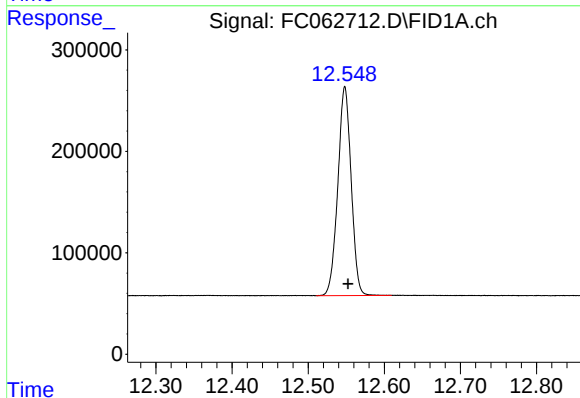
R.T.: 11.240 min
Delta R.T.: -0.004 min
Response: 2623853
Conc: 20.26 ug/ml



#9 ortho-Terphenyl (SURR)

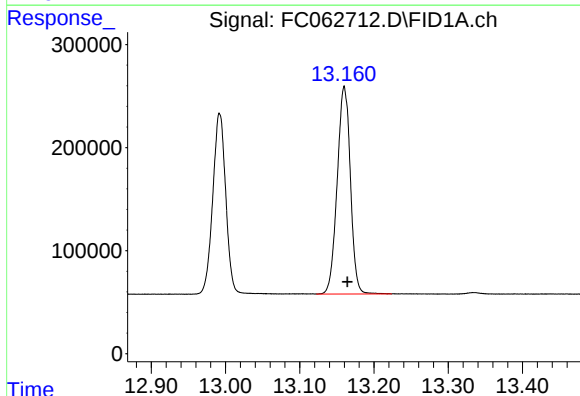
R.T.: 11.554 min
Delta R.T.: -0.005 min
Response: 2839463
Conc: 20.10 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



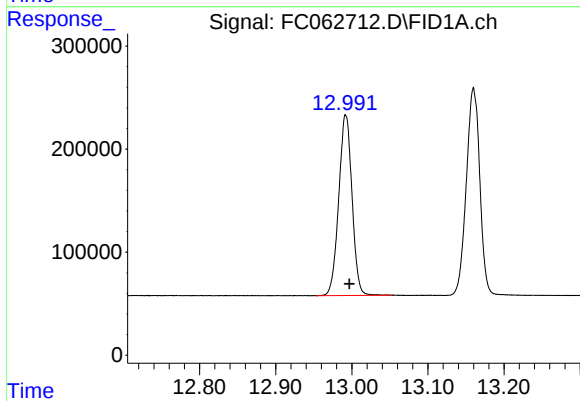
#10 n-Eicosane (C20)

R.T.: 12.548 min
Delta R.T.: -0.004 min
Response: 2505301
Conc: 20.30 ug/ml



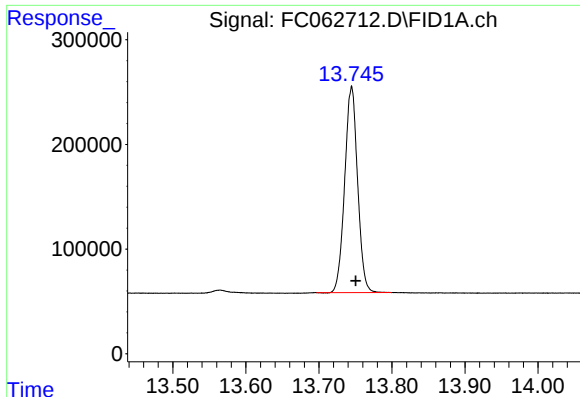
#11 n-Heneicosane (C21)

R.T.: 13.160 min
Delta R.T.: -0.004 min
Response: 2489919
Conc: 20.32 ug/ml



#12 1-chlorooctadecane (SURR)

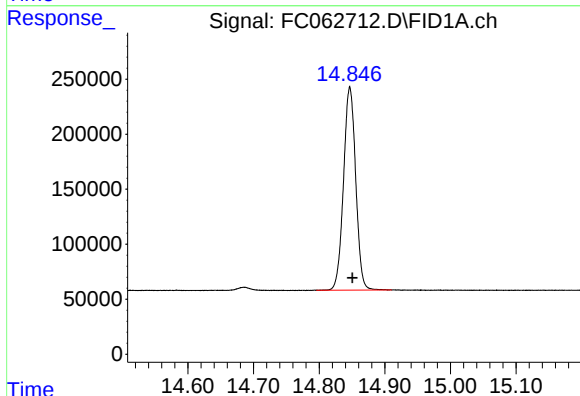
R.T.: 12.992 min
Delta R.T.: -0.004 min
Response: 2125580
Conc: 20.18 ug/ml



#13 n-Docosane (C22)

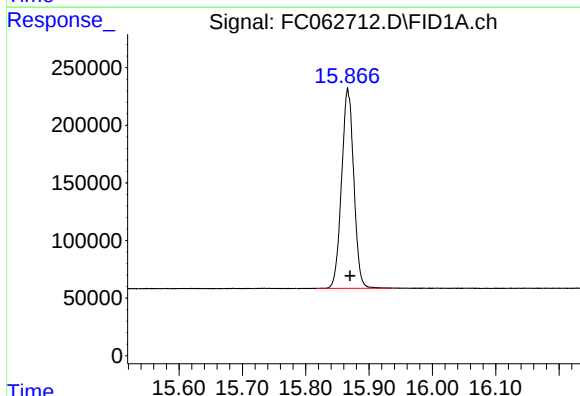
R.T.: 13.745 min
Delta R.T.: -0.005 min
Response: 2418234
Conc: 20.23 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



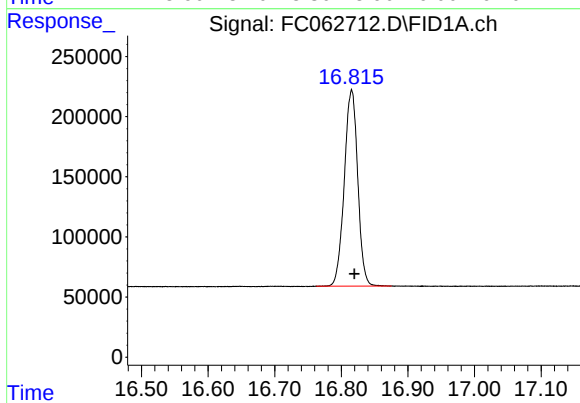
#14 n-Tetracosane (C24)

R.T.: 14.847 min
Delta R.T.: -0.004 min
Response: 2383082
Conc: 20.46 ug/ml



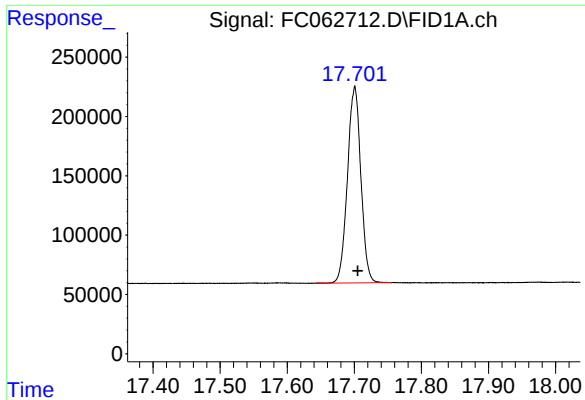
#15 n-Hexacosane (C26)

R.T.: 15.866 min
Delta R.T.: -0.004 min
Response: 2318097
Conc: 20.63 ug/ml



#16 n-Octacosane (C28)

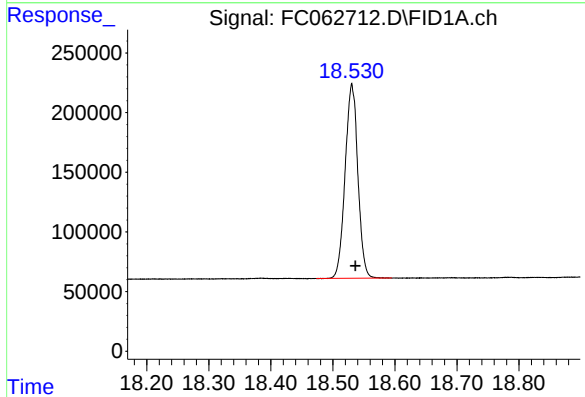
R.T.: 16.816 min
Delta R.T.: -0.004 min
Response: 2289627
Conc: 20.85 ug/ml



#17 n-Tricontane (C30)

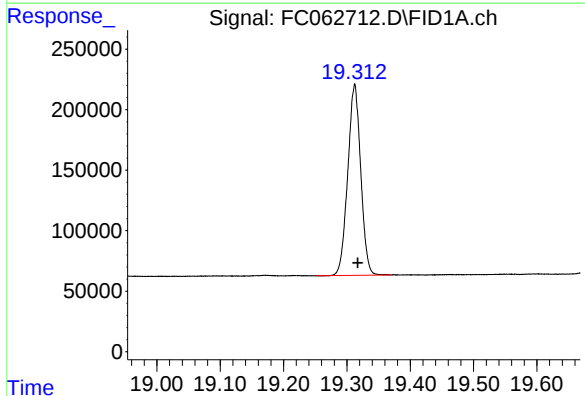
R.T.: 17.701 min
Delta R.T.: -0.004 min
Response: 2297906
Conc: 21.22 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



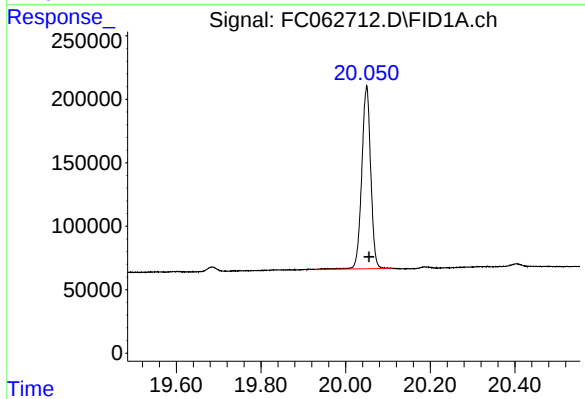
#18 n-Dotriacontane (C32)

R.T.: 18.531 min
Delta R.T.: -0.006 min
Response: 2321306
Conc: 21.26 ug/ml



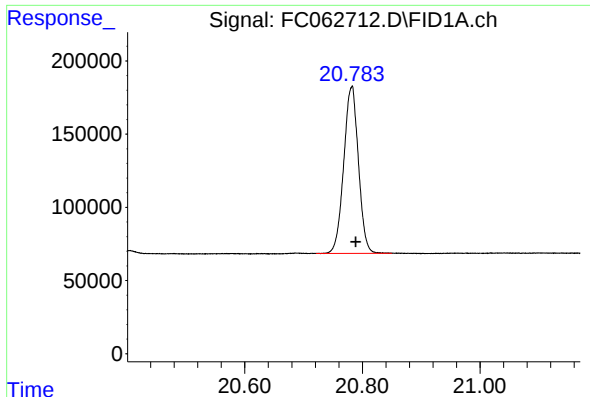
#19 n-Tetratriacontane (C34)

R.T.: 19.312 min
Delta R.T.: -0.005 min
Response: 2246023
Conc: 20.66 ug/ml



#20 n-Hexatriacontane (C36)

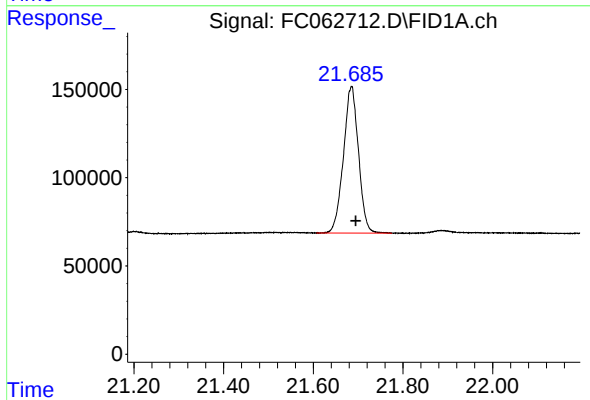
R.T.: 20.050 min
Delta R.T.: -0.006 min
Response: 2110713
Conc: 18.98 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.782 min
Delta R.T.: -0.006 min
Response: 1976633
Conc: 18.66 ug/ml

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FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 21.686 min
Delta R.T.: -0.009 min
Response: 1937059
Conc: 18.19 ug/ml