

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC120318AL\
 Data File : FC037965.D
 Signal(s) : FID1A.CH
 Acq On : 03 Dec 2018 22:55
 Operator : AJ\SJ
 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: Dec 04 03:00:49 2018
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 111318.M
 Quant Title : GC Extractables
 QLast Update : Wed Nov 14 03:04:33 2018
 Response via : Initial Calibration
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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)	11.294	2626350	24.072 ug/ml
Spiked Amount 50.000		Recovery =	48.14%
12) S 1-chlorooctadecane (S...	12.736	1895503	22.108 ug/ml
Spiked Amount 50.000		Recovery =	44.22%
Target Compounds			
1) T n-Nonane (C9)	3.124	1707272	20.815 ug/ml
2) T n-Decane (C10)	4.185	1836397	22.287 ug/ml
3) T A~Naphthalene (C11.7)	5.748	2281502	24.452 ug/mlm
4) T n-Dodecane (C12)	6.192	2009727	23.652 ug/ml
5) T A~2-methylnaphthalene...	6.796	2373300	24.983 ug/mlm
6) T n-Tetradecane (C14)	7.974	2127204	23.788 ug/ml
7) T n-Hexadecane (C16)	9.563	2177716	23.475 ug/ml
8) T n-Octadecane (C18)	10.996	2189034	22.282 ug/ml
10) T n-Eicosane (C20)	12.298	2191808	21.936 ug/ml
11) T n-Heneicosane (C21)	12.905	2169260	21.947 ug/ml
13) T n-Docosane (C22)	13.490	2168288	21.618 ug/ml
14) T n-Tetracosane (C24)	14.589	2157211	21.231 ug/ml
15) T n-Hexacosane (C26)	15.605	2121369	20.971 ug/ml
16) T n-Octacosane (C28)	16.549	2149304	21.483 ug/mlm
17) T n-Tricontane (C30)	17.435	2221416	22.619 ug/mlm
18) T n-Dotriacontane (C32)	18.263	2122033	23.095 ug/ml
19) T n-Tetratriacontane (C34)	19.045	1782288	22.284 ug/ml
20) T n-Hexatriacontane (C36)	19.780	1532774	21.312 ug/mlm
21) T n-Octatriacontane (C38)	20.481	1406677	19.991 ug/mlm
22) T n-Tetracontane (C40)	21.288	1376518	19.225 ug/ml

(f)=RT Delta > 1/2 Window

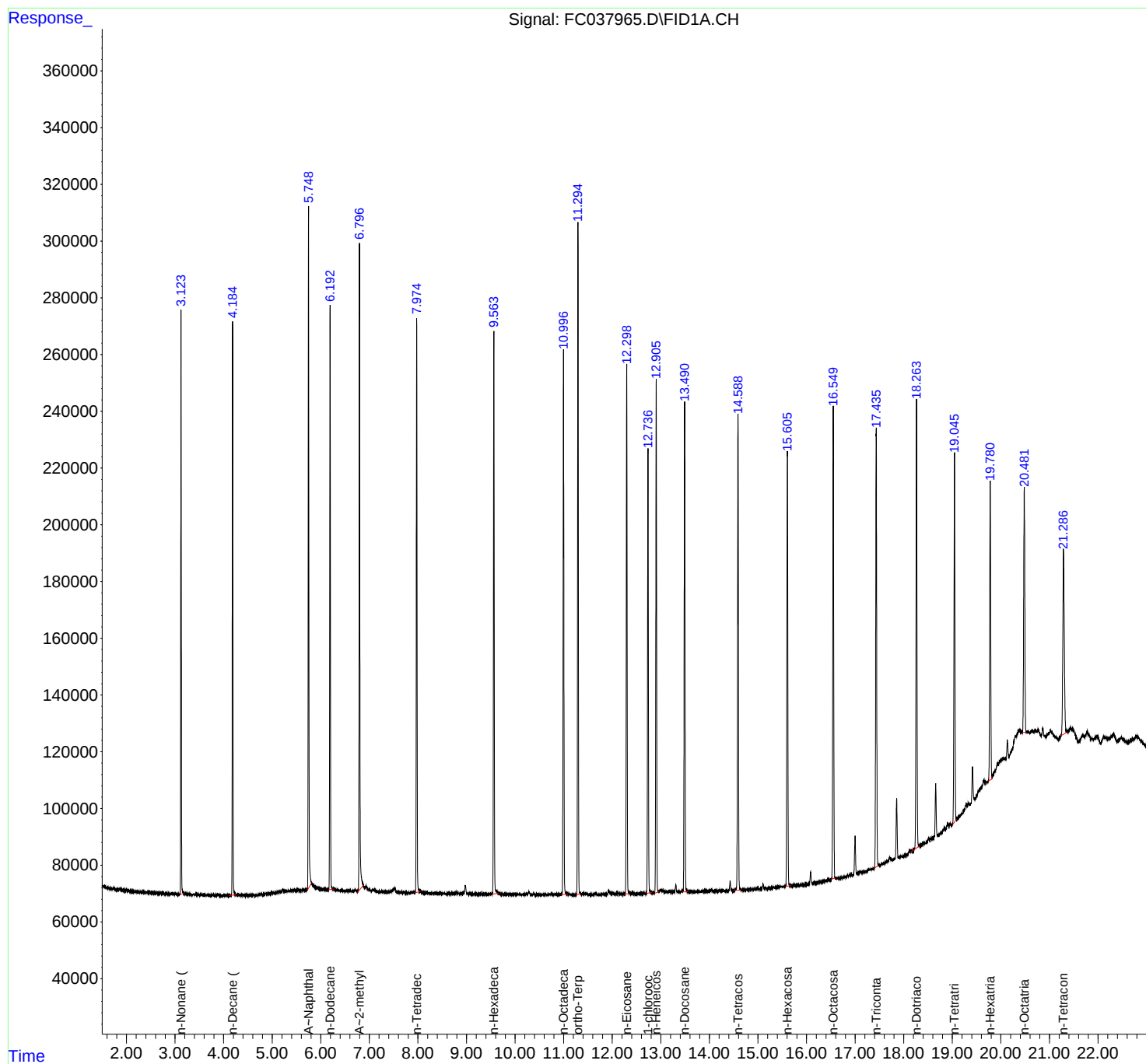
(m)=manual int.

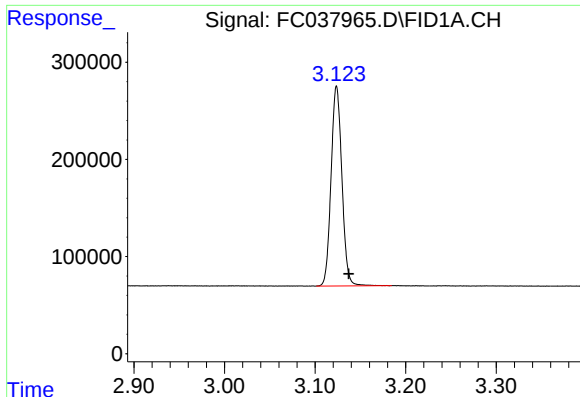
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC120318AL\
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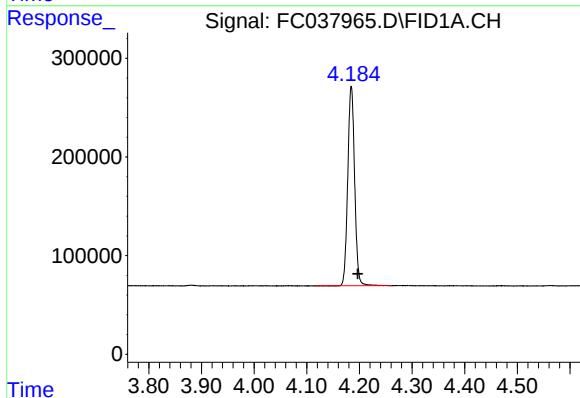




#1 n-Nonane (C9)

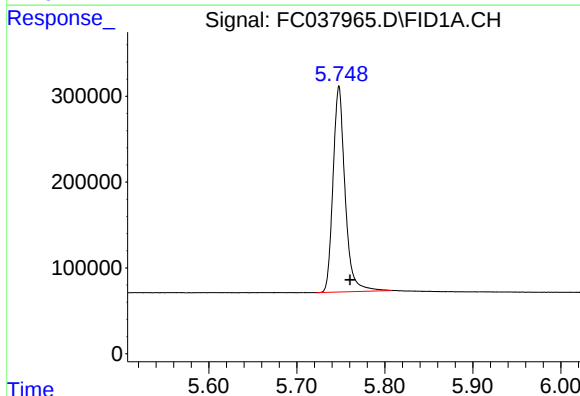
R.T.: 3.124 min
Delta R.T.: -0.013 min
Response: 1707272
Conc: 20.81 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



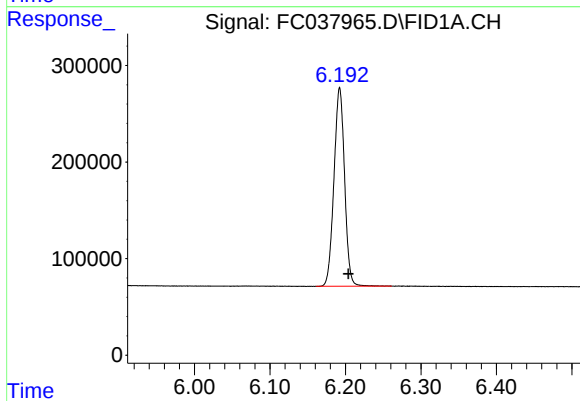
#2 n-Decane (C10)

R.T.: 4.185 min
Delta R.T.: -0.012 min
Response: 1836397
Conc: 22.29 ug/ml



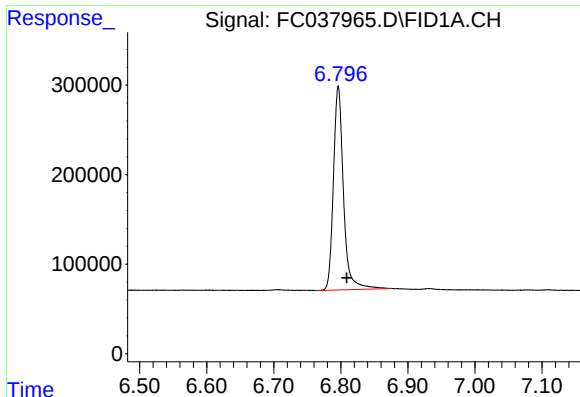
#3 A~Naphthalene (C11.7)

R.T.: 5.748 min
Delta R.T.: -0.013 min
Response: 2281502
Conc: 24.45 ug/ml m



#4 n-Dodecane (C12)

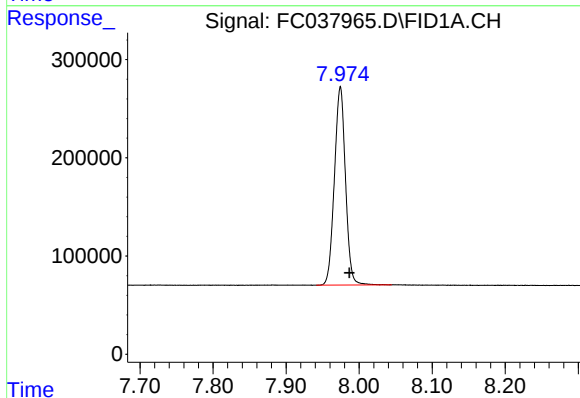
R.T.: 6.192 min
Delta R.T.: -0.012 min
Response: 2009727
Conc: 23.65 ug/ml



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

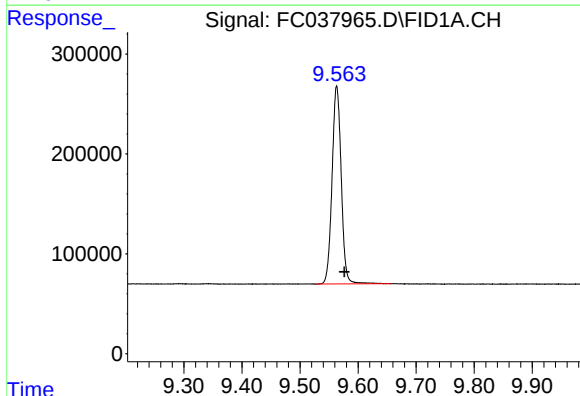
R.T.: 6.796 min
Delta R.T.: -0.013 min
Response: 2373300
Conc: 24.98 ug/ml m

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



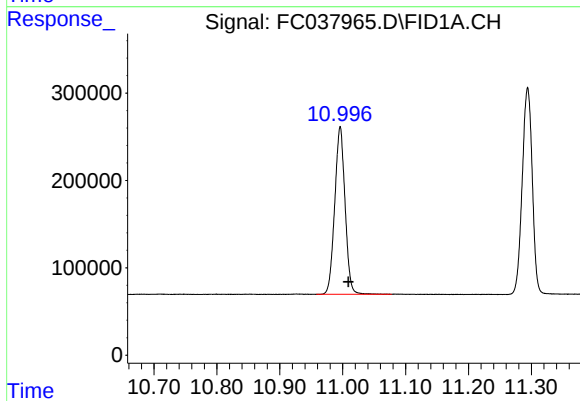
#6 n-Tetradecane (C14)

R.T.: 7.974 min
Delta R.T.: -0.012 min
Response: 2127204
Conc: 23.79 ug/ml



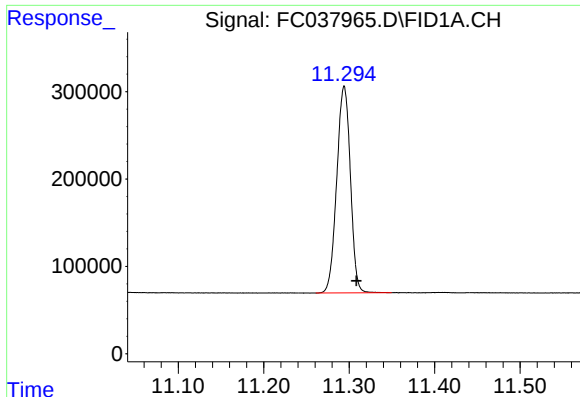
#7 n-Hexadecane (C16)

R.T.: 9.563 min
Delta R.T.: -0.013 min
Response: 2177716
Conc: 23.47 ug/ml



#8 n-Octadecane (C18)

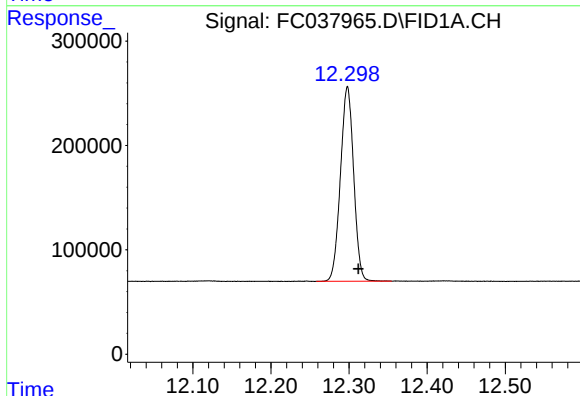
R.T.: 10.996 min
Delta R.T.: -0.013 min
Response: 2189034
Conc: 22.28 ug/ml



#9 ortho-Terphenyl (SURR)

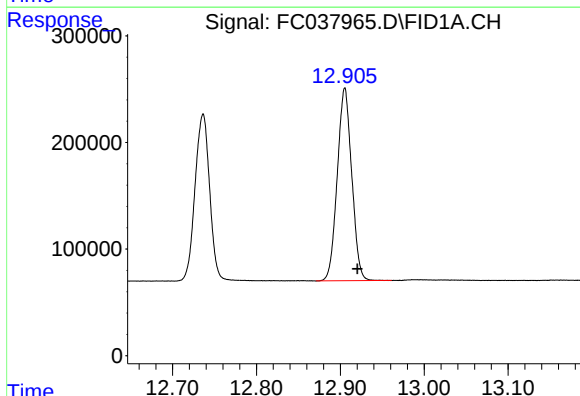
R.T.: 11.294 min
Delta R.T.: -0.014 min
Response: 2626350
Conc: 24.07 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



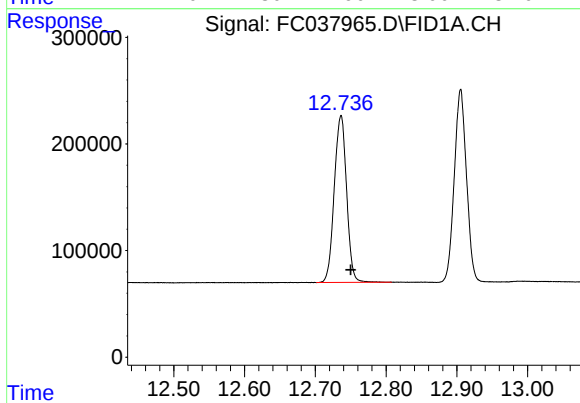
#10 n-Eicosane (C20)

R.T.: 12.298 min
Delta R.T.: -0.014 min
Response: 2191808
Conc: 21.94 ug/ml



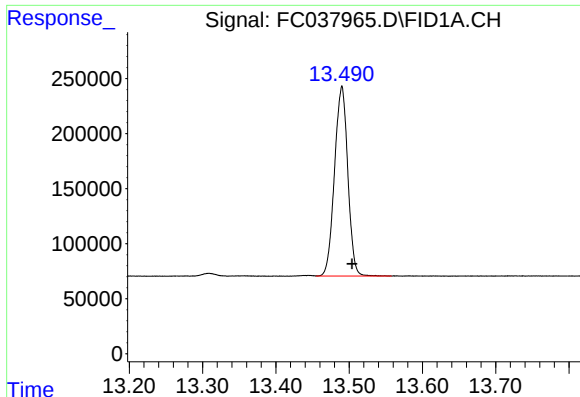
#11 n-Heneicosane (C21)

R.T.: 12.905 min
Delta R.T.: -0.015 min
Response: 2169260
Conc: 21.95 ug/ml



#12 1-chlorooctadecane (SURR)

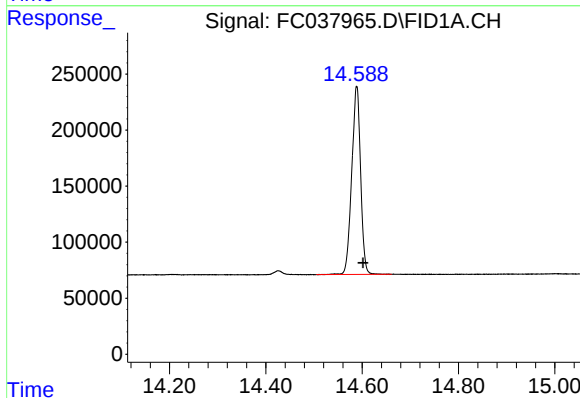
R.T.: 12.736 min
Delta R.T.: -0.014 min
Response: 1895503
Conc: 22.11 ug/ml



#13 n-Docosane (C22)

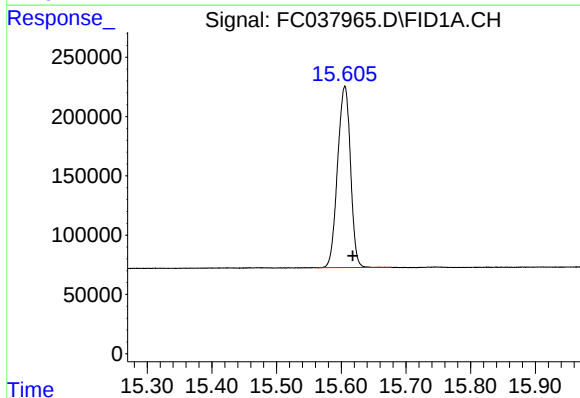
R.T.: 13.490 min
Delta R.T.: -0.014 min
Response: 2168288
Conc: 21.62 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



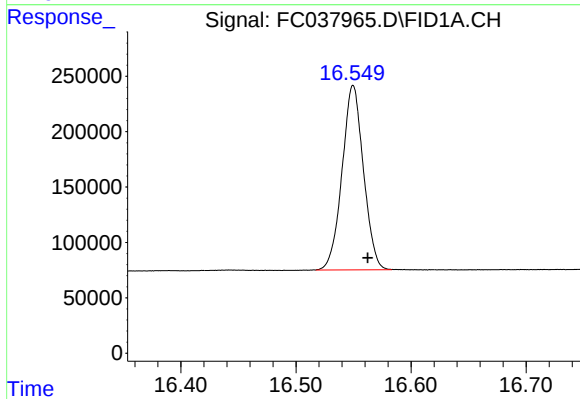
#14 n-Tetracosane (C24)

R.T.: 14.589 min
Delta R.T.: -0.013 min
Response: 2157211
Conc: 21.23 ug/ml



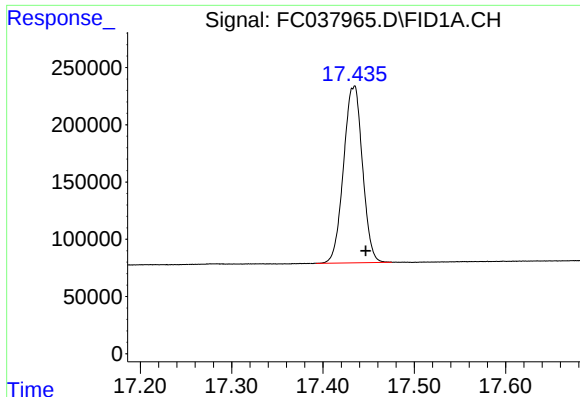
#15 n-Hexacosane (C26)

R.T.: 15.605 min
Delta R.T.: -0.012 min
Response: 2121369
Conc: 20.97 ug/ml



#16 n-Octacosane (C28)

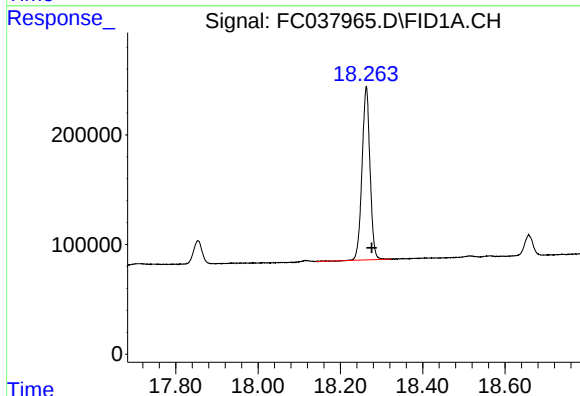
R.T.: 16.549 min
Delta R.T.: -0.013 min
Response: 2149304
Conc: 21.48 ug/ml m



#17 n-Tricontane (C30)

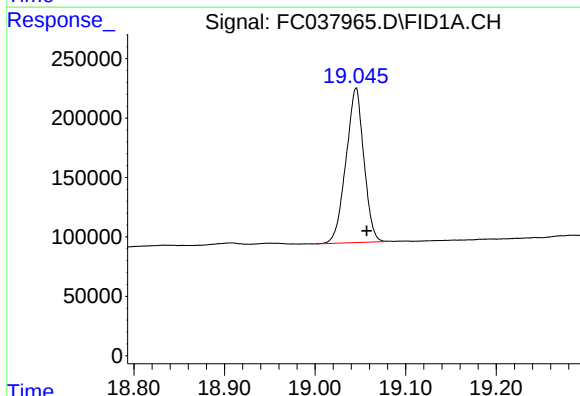
R.T.: 17.435 min
Delta R.T.: -0.012 min
Response: 2221416
Conc: 22.62 ug/ml m

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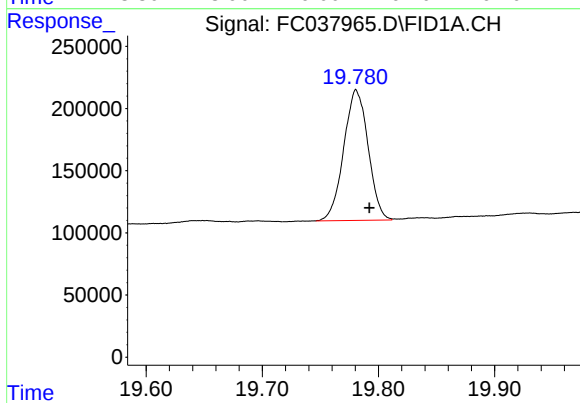
#18 n-Dotriacontane (C32)

R.T.: 18.263 min
Delta R.T.: -0.013 min
Response: 2122033
Conc: 23.09 ug/ml



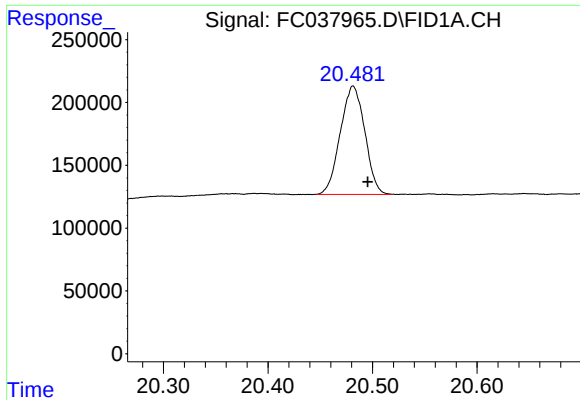
#19 n-Tetratriacontane (C34)

R.T.: 19.045 min
Delta R.T.: -0.012 min
Response: 1782288
Conc: 22.28 ug/ml



#20 n-Hexatriacontane (C36)

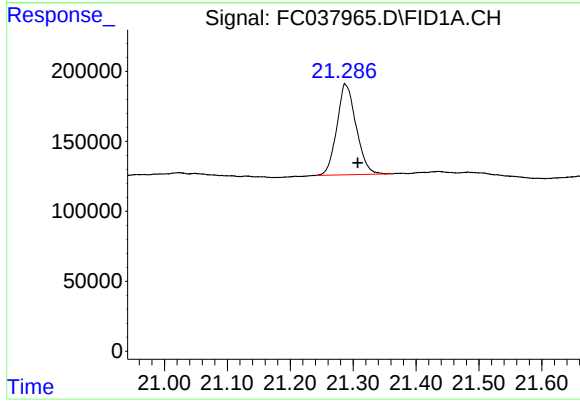
R.T.: 19.780 min
Delta R.T.: -0.012 min
Response: 1532774
Conc: 21.31 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 20.481 min
Delta R.T.: -0.014 min
Response: 1406677
Conc: 19.99 ug/ml m

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FID_C
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20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 21.288 min
Delta R.T.: -0.019 min
Response: 1376518
Conc: 19.23 ug/ml