

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC041820AL\
 Data File : FC046928.D
 Signal(s) : FID1A.CH
 Acq On : 19 Apr 2020 21:05
 Operator : DD\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: Apr 19 22:36:44 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 032320.M
 Quant Title : GC Extractables
 QLast Update : Tue Mar 24 12:45:07 2020
 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)	11.758	2219038	20.299 ug/ml
Spiked Amount 50.000		Recovery =	40.60%
12) S 1-chlorooctadecane (S...	13.173	1745078	20.250 ug/ml
Spiked Amount 50.000		Recovery =	40.50%
Target Compounds			
1) T n-Nonane (C9)	3.549	2155171	22.441 ug/ml
2) T n-Decane (C10)	4.615	2216064	23.073 ug/ml
3) T A~Naphthalene (C11.7)	6.215	2257248	22.528 ug/ml
4) T n-Dodecane (C12)	6.620	2273724	23.294 ug/ml
5) T A~2-methylnaphthalene...	7.265	2294374	22.694 ug/ml
6) T n-Tetradecane (C14)	8.402	2238540	22.733 ug/ml
7) T n-Hexadecane (C16)	9.991	2204712	22.084 ug/ml
8) T n-Octadecane (C18)	11.424	2163767	21.319 ug/ml
10) T n-Eicosane (C20)	12.727	2111532	20.655 ug/ml
11) T n-Heneicosane (C21)	13.336	2078899	20.163 ug/ml
13) T n-Docosane (C22)	13.919	2082353	20.285 ug/ml
14) T n-Tetracosane (C24)	15.016	2129957	20.634 ug/ml
15) T n-Hexacosane (C26)	16.032	2074331	20.218 ug/ml
16) T n-Octacosane (C28)	16.977	2068448	20.324 ug/ml
17) T n-Tricontane (C30)	17.860	2015000	20.567 ug/ml
18) T n-Dotriacontane (C32)	18.689	1730186	20.637 ug/ml
19) T n-Tetratriacontane (C34)	19.469	1466870	20.474 ug/ml
20) T n-Hexatriacontane (C36)	20.204	1392783	19.882 ug/ml
21) T n-Octatriacontane (C38)	20.966	1304504	20.673 ug/ml
22) T n-Tetracontane (C40)	21.924	1412016	20.405 ug/ml

(f)=RT Delta > 1/2 Window

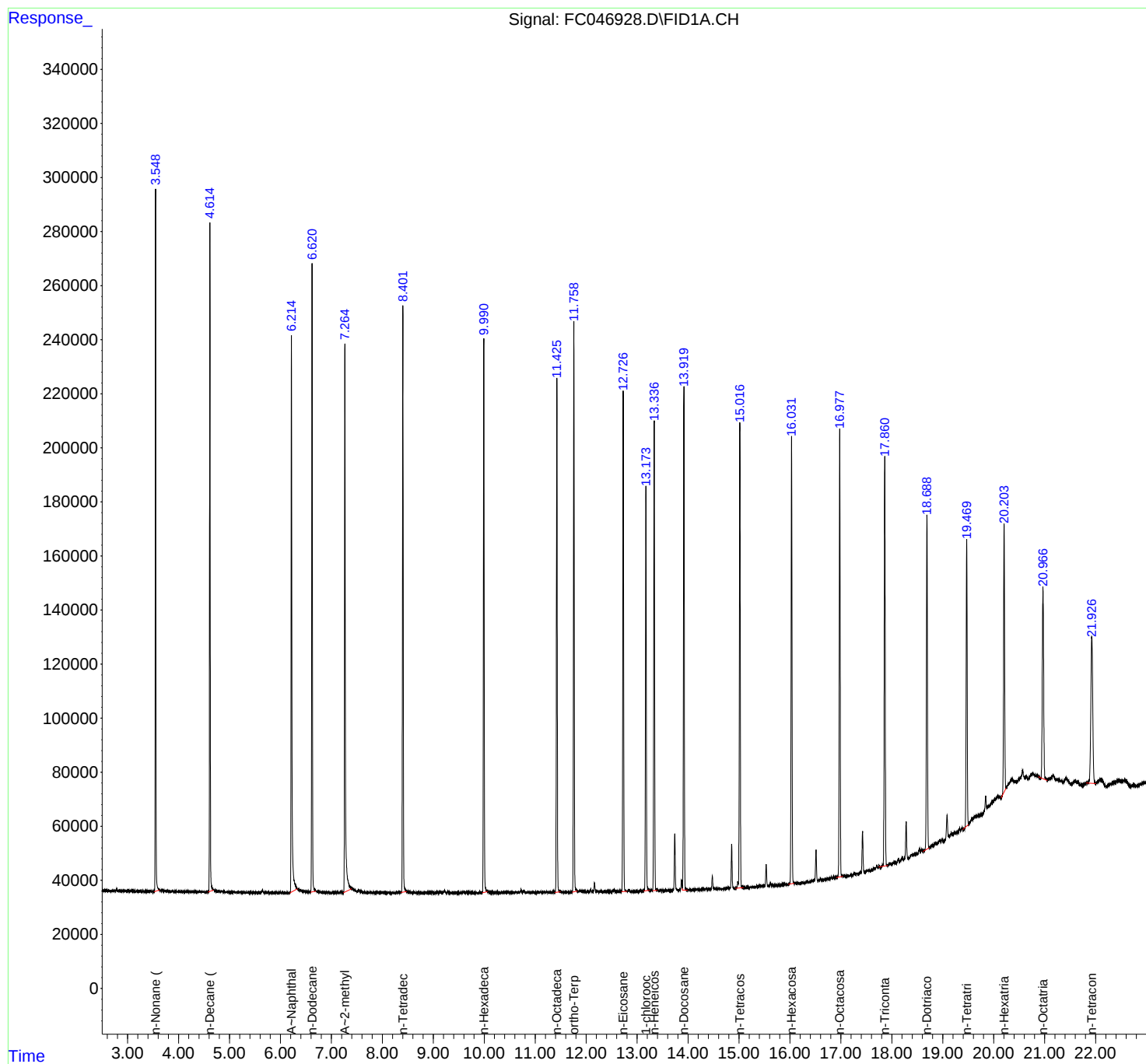
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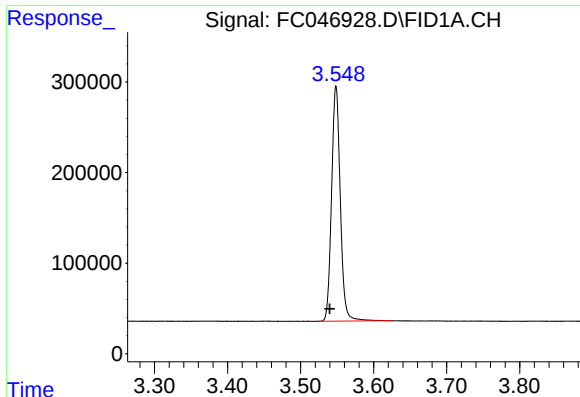
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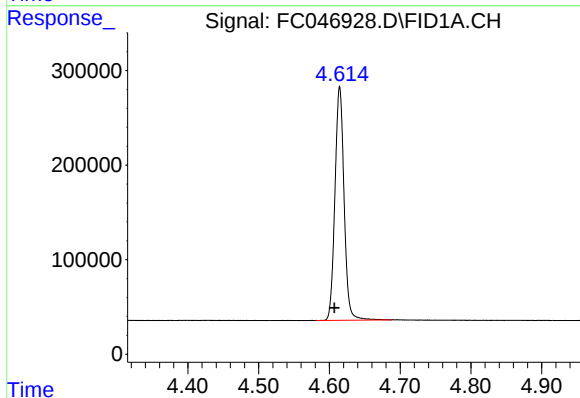




#1 n-Nonane (C9)

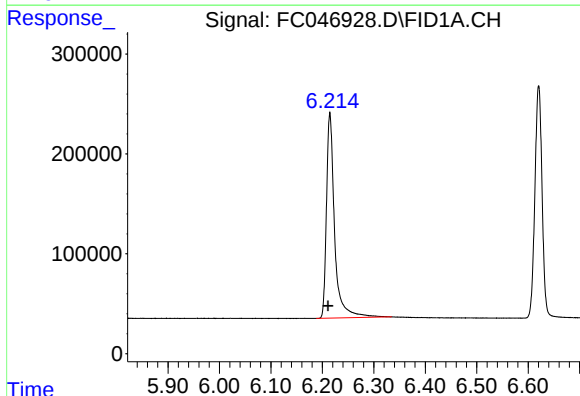
R.T.: 3.549 min
Delta R.T.: 0.009 min
Response: 2155171
Conc: 22.44 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



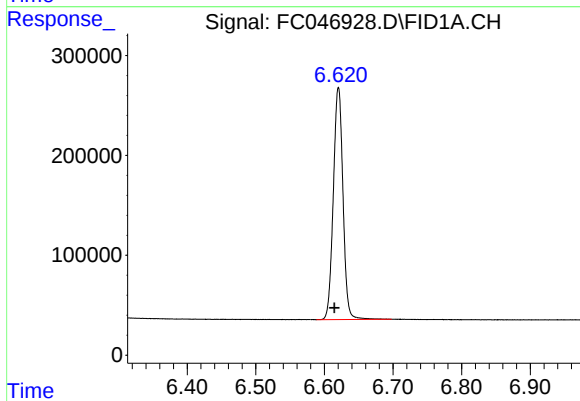
#2 n-Decane (C10)

R.T.: 4.615 min
Delta R.T.: 0.007 min
Response: 2216064
Conc: 23.07 ug/ml



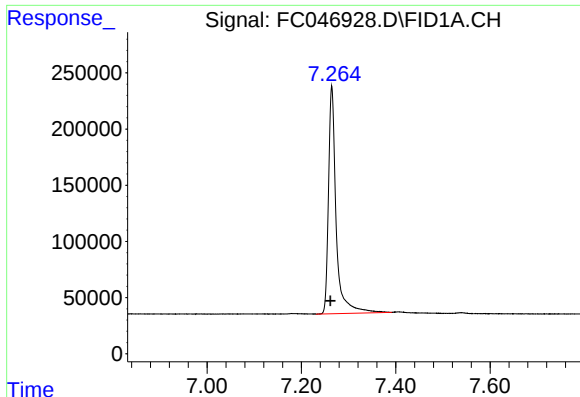
#3 A~Naphthalene (C11.7)

R.T.: 6.215 min
Delta R.T.: 0.004 min
Response: 2257248
Conc: 22.53 ug/ml



#4 n-Dodecane (C12)

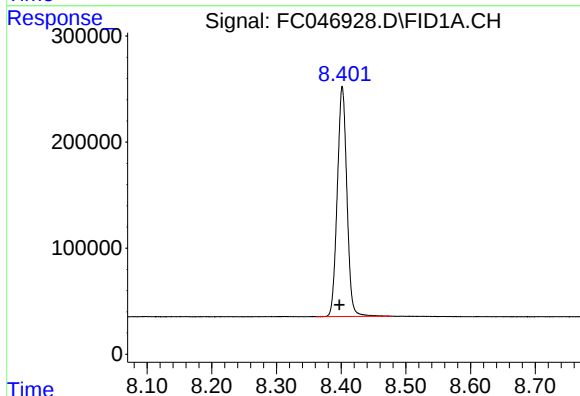
R.T.: 6.620 min
Delta R.T.: 0.006 min
Response: 2273724
Conc: 23.29 ug/ml



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

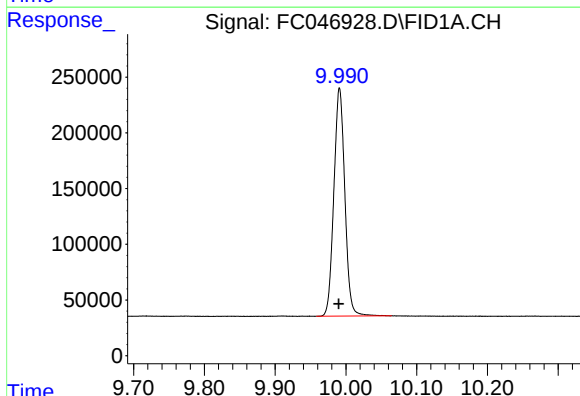
R.T.: 7.265 min
Delta R.T.: 0.003 min
Response: 2294374
Conc: 22.69 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



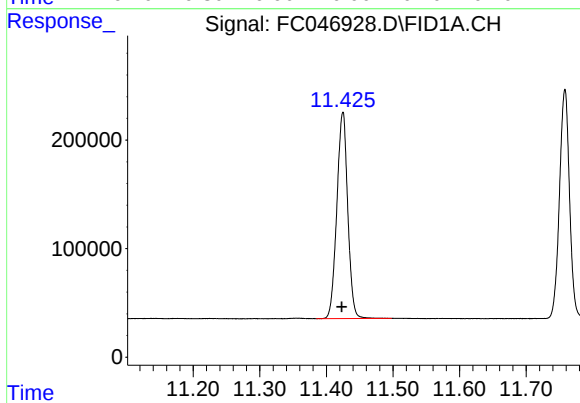
#6 n-Tetradecane (C14)

R.T.: 8.402 min
Delta R.T.: 0.005 min
Response: 2238540
Conc: 22.73 ug/ml



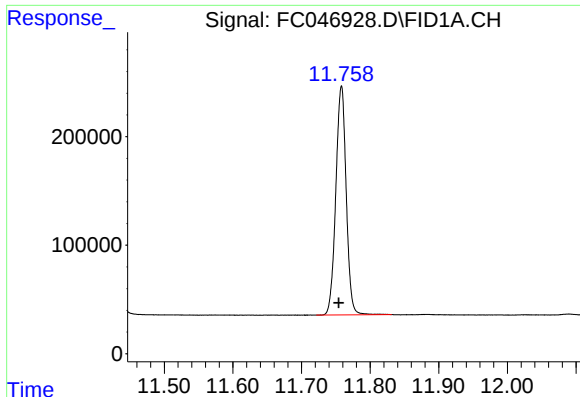
#7 n-Hexadecane (C16)

R.T.: 9.991 min
Delta R.T.: 0.001 min
Response: 2204712
Conc: 22.08 ug/ml



#8 n-Octadecane (C18)

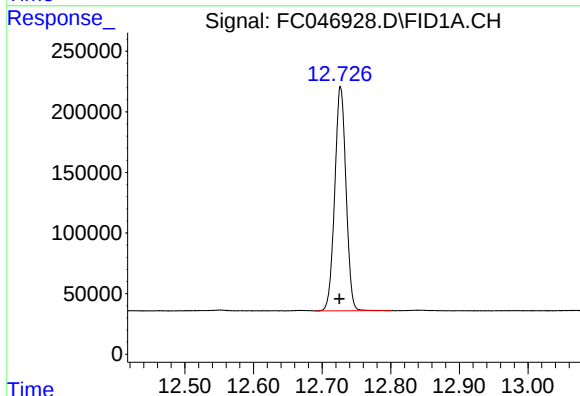
R.T.: 11.424 min
Delta R.T.: 0.001 min
Response: 2163767
Conc: 21.32 ug/ml



#9 ortho-Terphenyl (SURR)

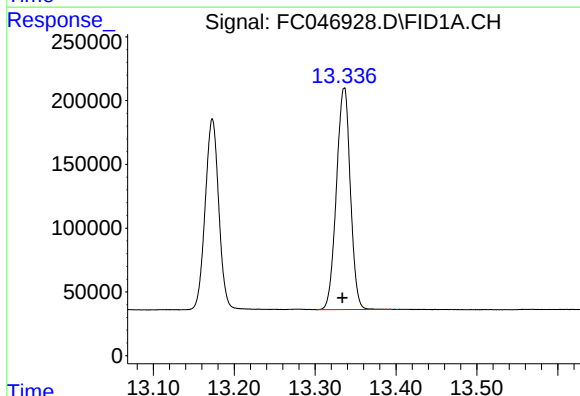
R.T.: 11.758 min
Delta R.T.: 0.004 min
Response: 2219038
Conc: 20.30 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



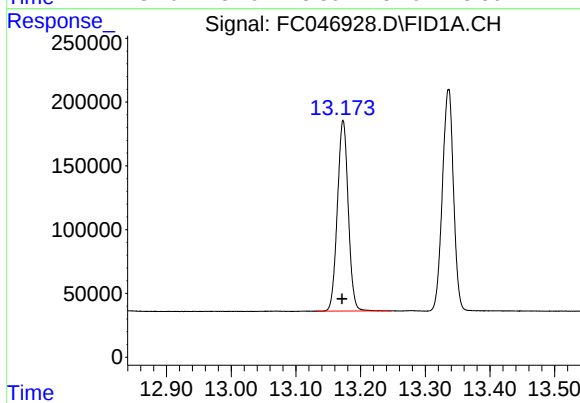
#10 n-Eicosane (C20)

R.T.: 12.727 min
Delta R.T.: 0.002 min
Response: 2111532
Conc: 20.65 ug/ml



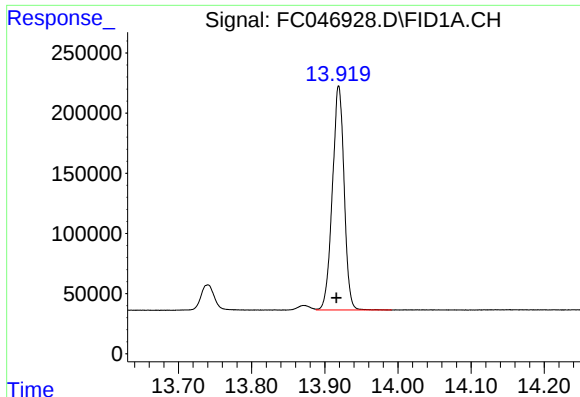
#11 n-Heneicosane (C21)

R.T.: 13.336 min
Delta R.T.: 0.002 min
Response: 2078899
Conc: 20.16 ug/ml



#12 1-chlorooctadecane (SURR)

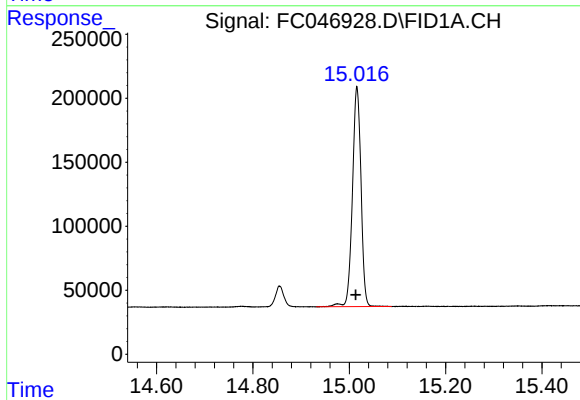
R.T.: 13.173 min
Delta R.T.: 0.002 min
Response: 1745078
Conc: 20.25 ug/ml



#13 n-Docosane (C22)

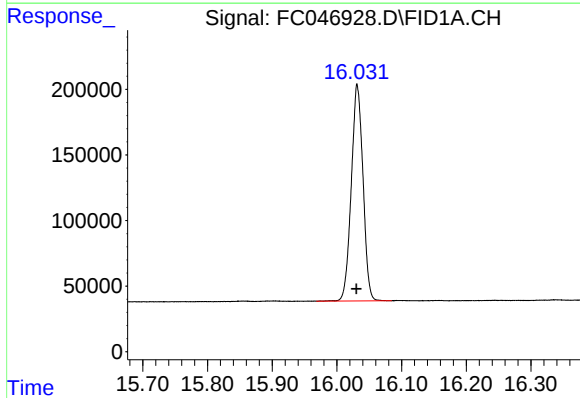
R.T.: 13.919 min
Delta R.T.: 0.003 min
Response: 2082353
Conc: 20.29 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



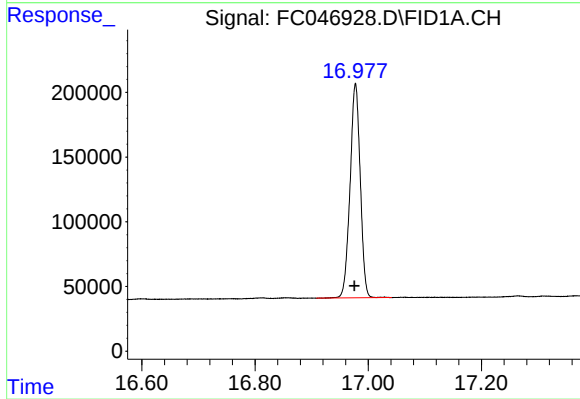
#14 n-Tetracosane (C24)

R.T.: 15.016 min
Delta R.T.: 0.003 min
Response: 2129957
Conc: 20.63 ug/ml



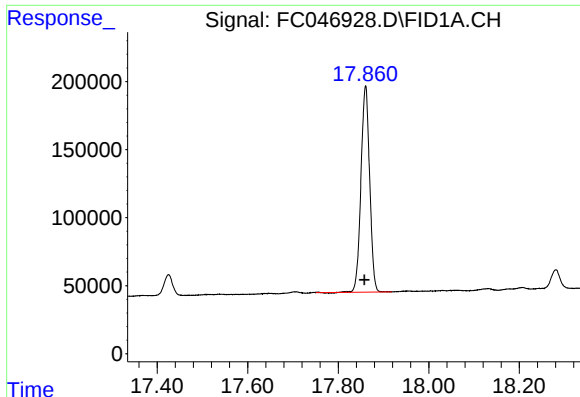
#15 n-Hexacosane (C26)

R.T.: 16.032 min
Delta R.T.: 0.002 min
Response: 2074331
Conc: 20.22 ug/ml



#16 n-Octacosane (C28)

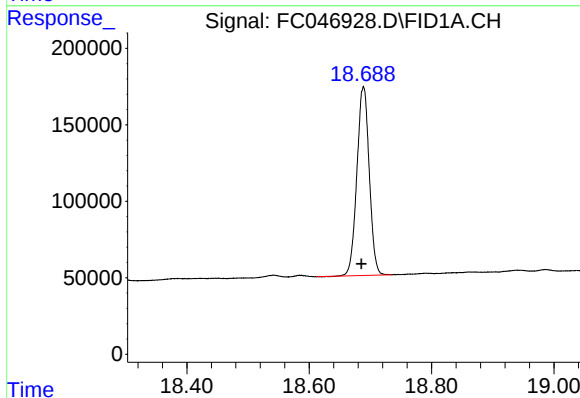
R.T.: 16.977 min
Delta R.T.: 0.002 min
Response: 2068448
Conc: 20.32 ug/ml



#17 n-Tricontane (C30)

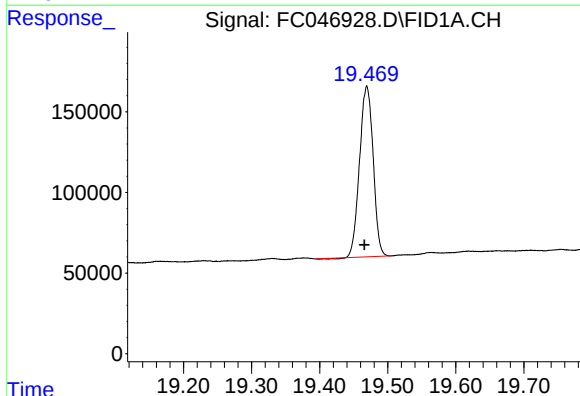
R.T.: 17.860 min
Delta R.T.: 0.002 min
Response: 2015000
Conc: 20.57 ug/ml

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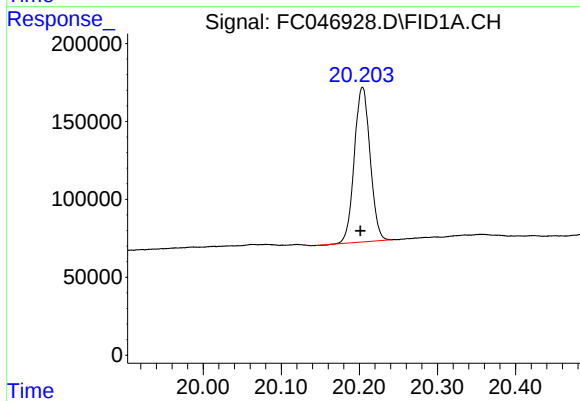
#18 n-Dotriacontane (C32)

R.T.: 18.689 min
Delta R.T.: 0.003 min
Response: 1730186
Conc: 20.64 ug/ml



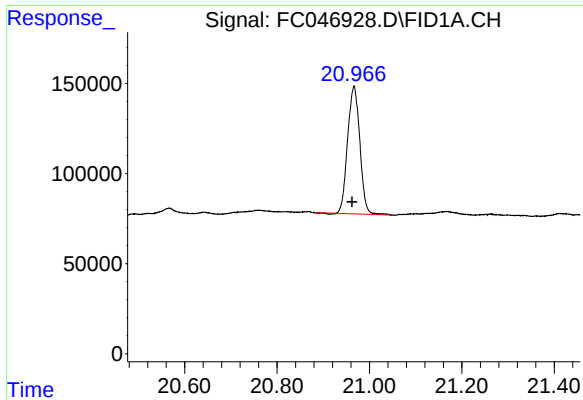
#19 n-Tetratriacontane (C34)

R.T.: 19.469 min
Delta R.T.: 0.004 min
Response: 1466870
Conc: 20.47 ug/ml



#20 n-Hexatriacontane (C36)

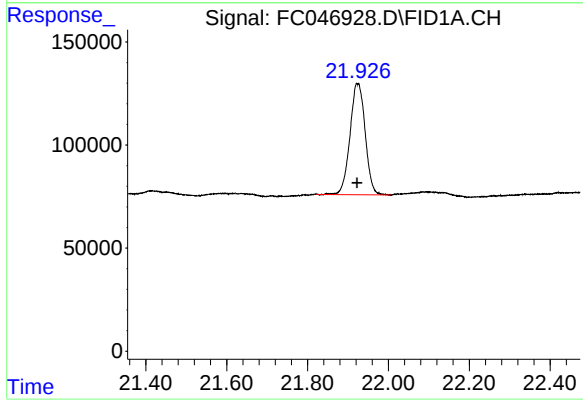
R.T.: 20.204 min
Delta R.T.: 0.003 min
Response: 1392783
Conc: 19.88 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.966 min
Delta R.T.: 0.004 min
Response: 1304504
Conc: 20.67 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 21.924 min
Delta R.T.: 0.001 min
Response: 1412016
Conc: 20.41 ug/ml