

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC070721AL\
 Data File : FC054596.D
 Signal(s) : FID1A.CH
 Acq On : 08 Jul 2021 15:26
 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: sample.E
 Quant Time: Jul 08 22:04:10 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 062521.M
 Quant Title : GC Extractables
 QLast Update : Sat Jun 26 02:10:35 2021
 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)	11.327	2811489	19.859 ug/ml
Spiked Amount 50.000		Recovery =	39.72%
12) S 1-chlorooctadecane (S...	12.770	2198877	19.725 ug/ml
Spiked Amount 50.000		Recovery =	39.45%
Target Compounds			
1) T n-Nonane (C9)	3.143	2364969	20.111 ug/ml
2) T n-Decane (C10)	4.197	2418299	20.366 ug/ml
3) T A~Naphthalene (C11.7)	5.762	2613784	19.881 ug/ml
4) T n-Dodecane (C12)	6.203	2456868	20.499 ug/ml
5) T A~2-methylnaphthalene...	6.814	2628970	19.913 ug/ml
6) T n-Tetradecane (C14)	7.990	2517156	20.660 ug/ml
7) T n-Hexadecane (C16)	9.586	2555683	20.518 ug/ml
8) T n-Octadecane (C18)	11.024	2618301	20.272 ug/ml
10) T n-Eicosane (C20)	12.330	2604546	20.016 ug/ml
11) T n-Heneicosane (C21)	12.940	2630507	19.813 ug/ml
13) T n-Docosane (C22)	13.525	2611283	19.711 ug/ml
14) T n-Tetracosane (C24)	14.626	2602895	19.228 ug/ml
15) T n-Hexacosane (C26)	15.644	2537805	18.728 ug/ml
16) T n-Octacosane (C28)	16.593	2507187	18.266 ug/ml
17) T n-Tricontane (C30)	17.479	2446860	17.666 ug/ml
18) T n-Dotriacontane (C32)	18.311	2356621	17.225 ug/ml
19) T n-Tetratriacontane (C34)	19.094	2265237	16.765 ug/ml
20) T n-Hexatriacontane (C36)	19.832	2133129	17.281 ug/ml
21) T n-Octatriacontane (C38)	20.538	2050992	18.132 ug/ml
22) T n-Tetracontane (C40)	21.356	2098609	18.567 ug/ml

(f)=RT Delta > 1/2 Window

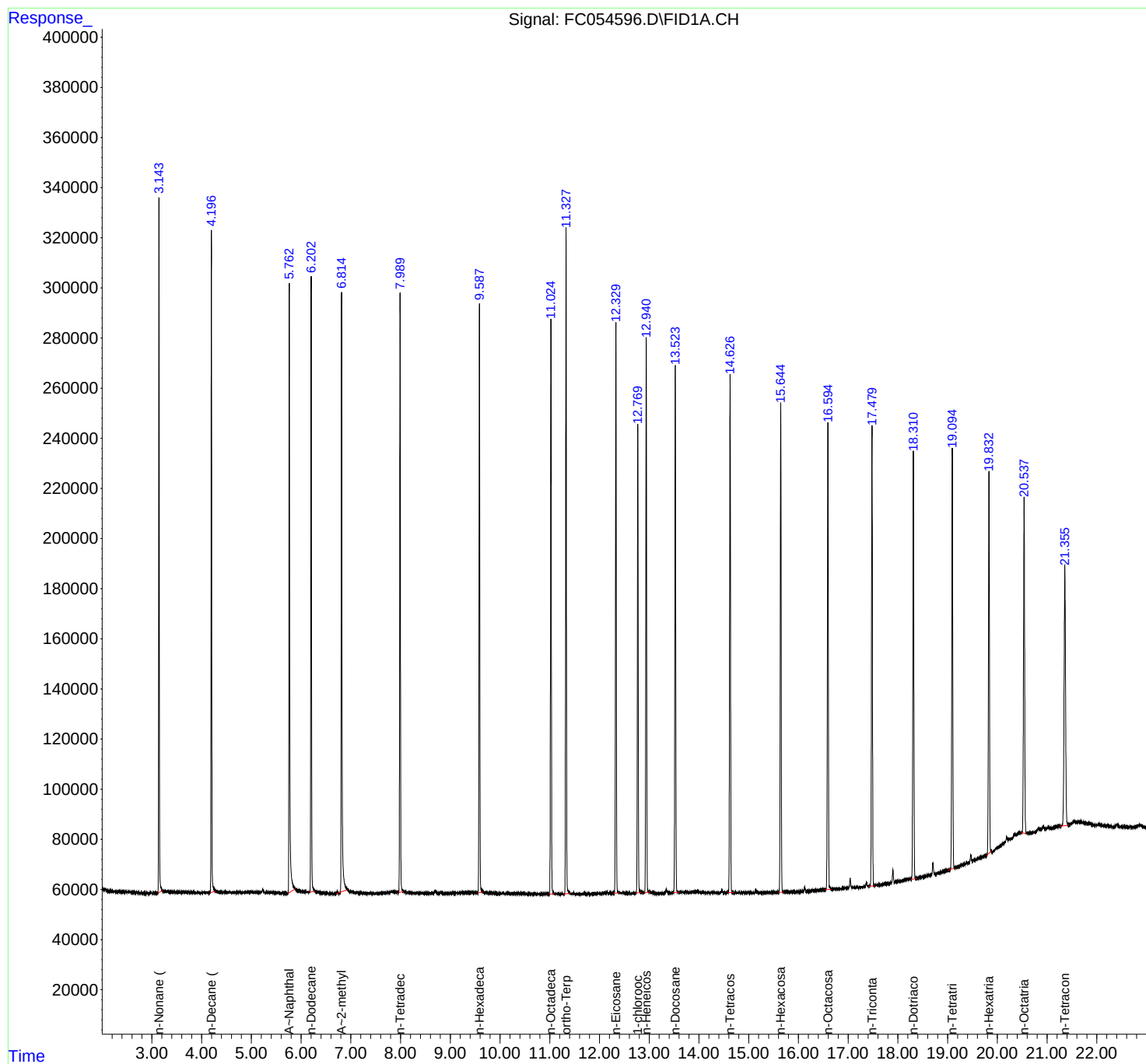
(m)=manual int.

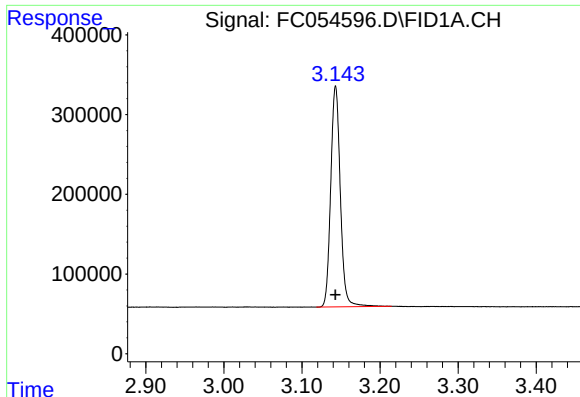
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC070721AL\
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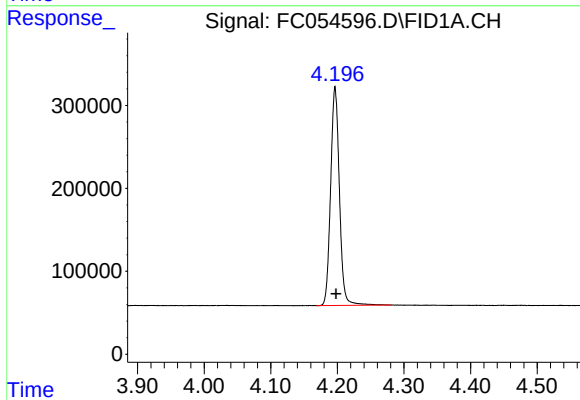




#1 n-Nonane (C9)

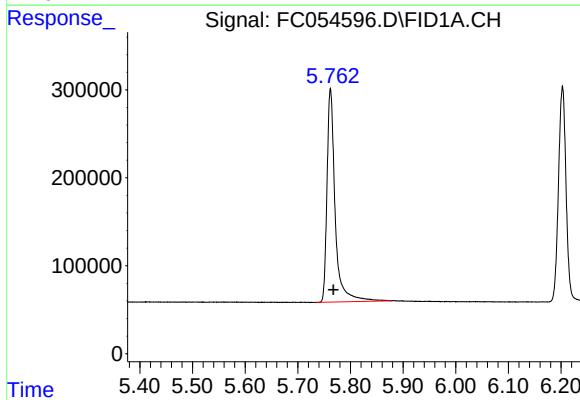
R.T.: 3.143 min
Delta R.T.: 0.000 min
Response: 2364969
Conc: 20.11 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



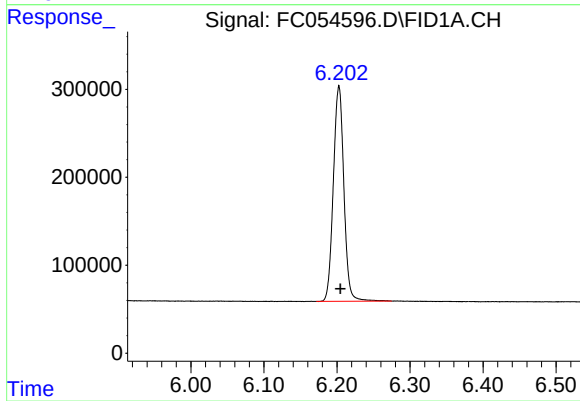
#2 n-Decane (C10)

R.T.: 4.197 min
Delta R.T.: -0.001 min
Response: 2418299
Conc: 20.37 ug/ml



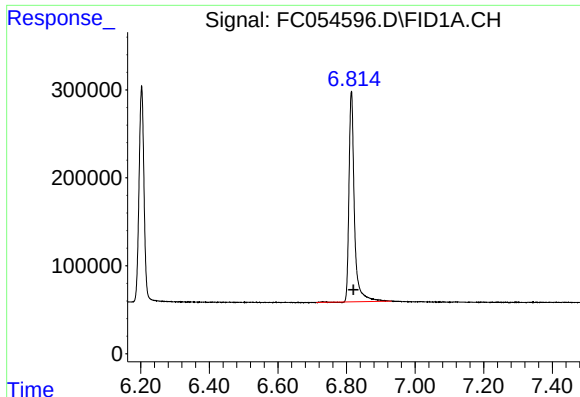
#3 A~Naphthalene (C11.7)

R.T.: 5.762 min
Delta R.T.: -0.005 min
Response: 2613784
Conc: 19.88 ug/ml



#4 n-Dodecane (C12)

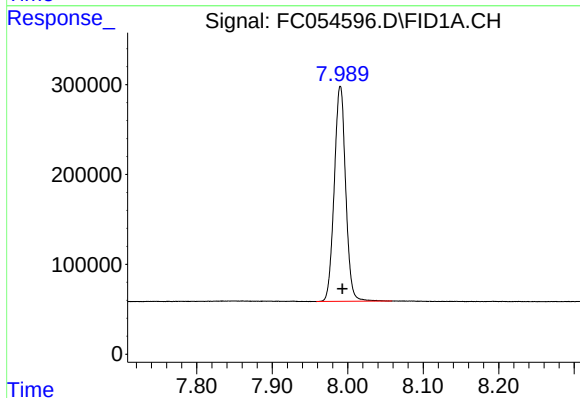
R.T.: 6.203 min
Delta R.T.: -0.002 min
Response: 2456868
Conc: 20.50 ug/ml



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

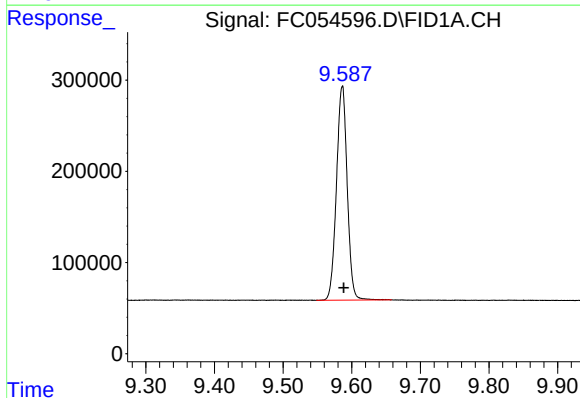
R.T.: 6.814 min
Delta R.T.: -0.005 min
Response: 2628970
Conc: 19.91 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



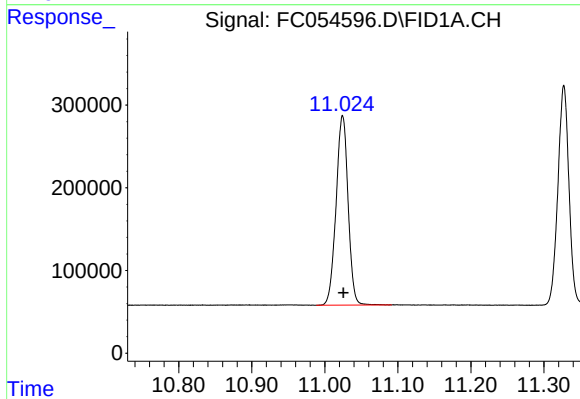
#6 n-Tetradecane (C14)

R.T.: 7.990 min
Delta R.T.: -0.003 min
Response: 2517156
Conc: 20.66 ug/ml



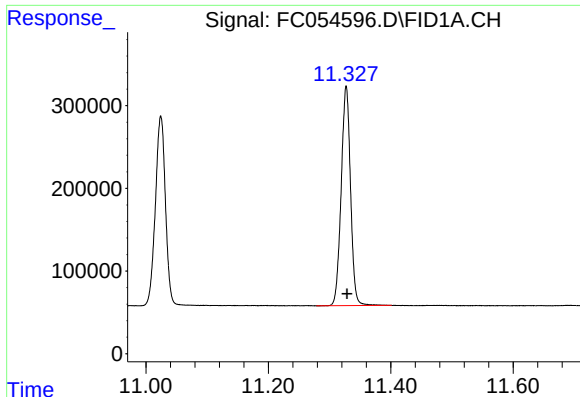
#7 n-Hexadecane (C16)

R.T.: 9.586 min
Delta R.T.: -0.002 min
Response: 2555683
Conc: 20.52 ug/ml



#8 n-Octadecane (C18)

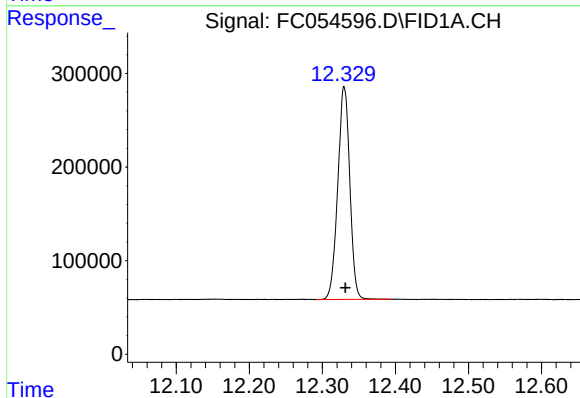
R.T.: 11.024 min
Delta R.T.: -0.001 min
Response: 2618301
Conc: 20.27 ug/ml



#9 ortho-Terphenyl (SURR)

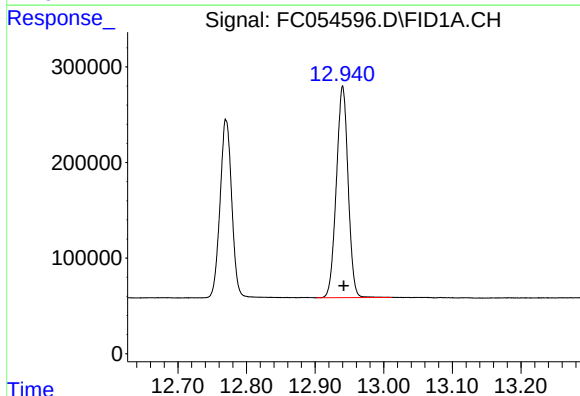
R.T.: 11.327 min
Delta R.T.: -0.002 min
Response: 2811489
Conc: 19.86 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



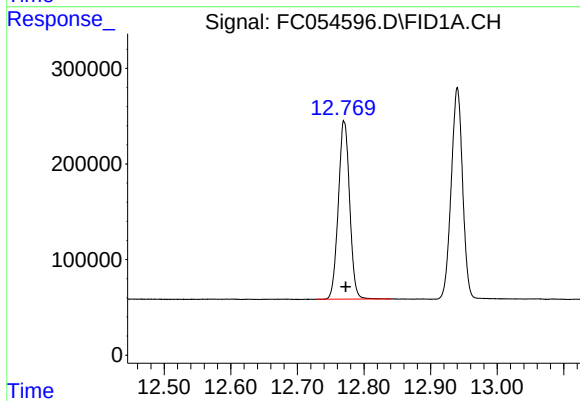
#10 n-Eicosane (C20)

R.T.: 12.330 min
Delta R.T.: -0.002 min
Response: 2604546
Conc: 20.02 ug/ml



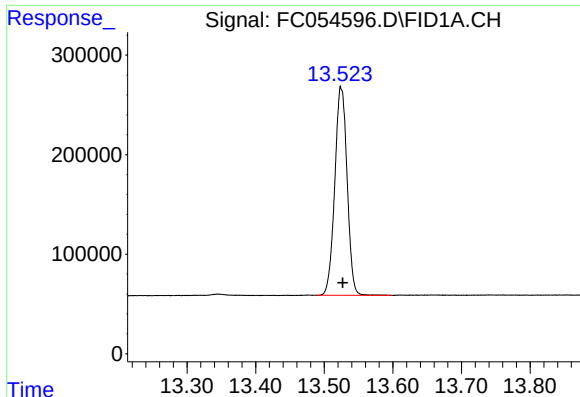
#11 n-Heneicosane (C21)

R.T.: 12.940 min
Delta R.T.: -0.001 min
Response: 2630507
Conc: 19.81 ug/ml



#12 1-chlorooctadecane (SURR)

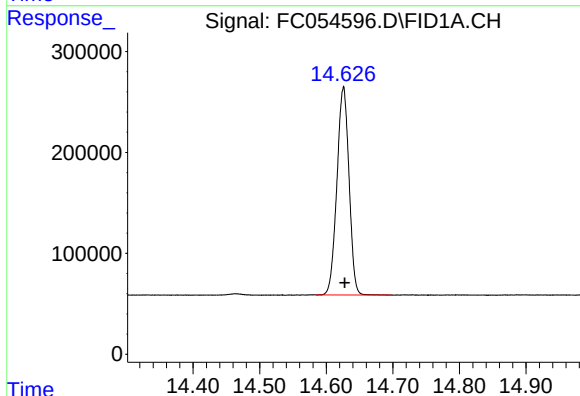
R.T.: 12.770 min
Delta R.T.: -0.002 min
Response: 2198877
Conc: 19.73 ug/ml



#13 n-Docosane (C22)

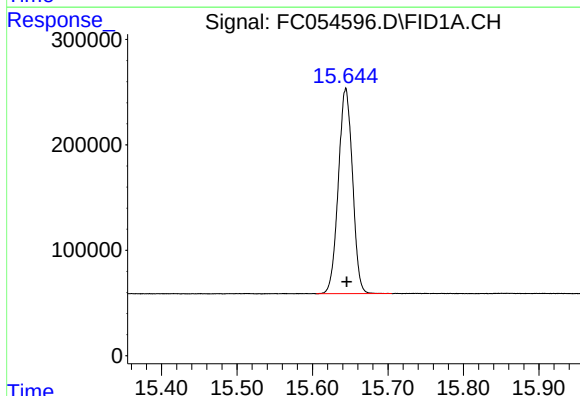
R.T.: 13.525 min
Delta R.T.: -0.002 min
Response: 2611283
Conc: 19.71 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



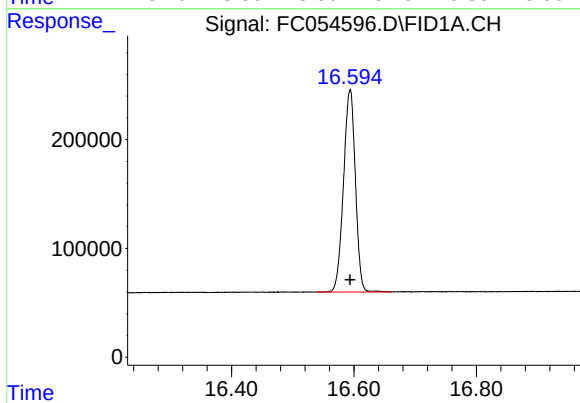
#14 n-Tetracosane (C24)

R.T.: 14.626 min
Delta R.T.: -0.002 min
Response: 2602895
Conc: 19.23 ug/ml



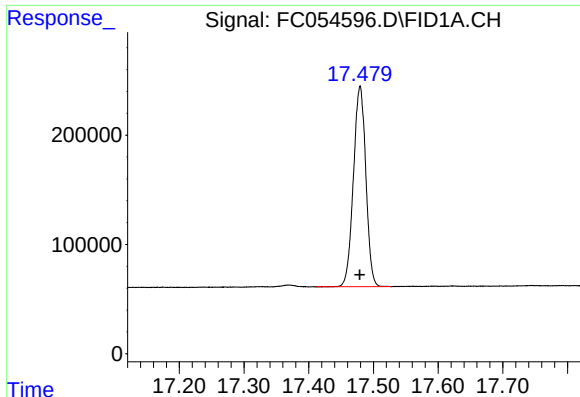
#15 n-Hexacosane (C26)

R.T.: 15.644 min
Delta R.T.: -0.001 min
Response: 2537805
Conc: 18.73 ug/ml



#16 n-Octacosane (C28)

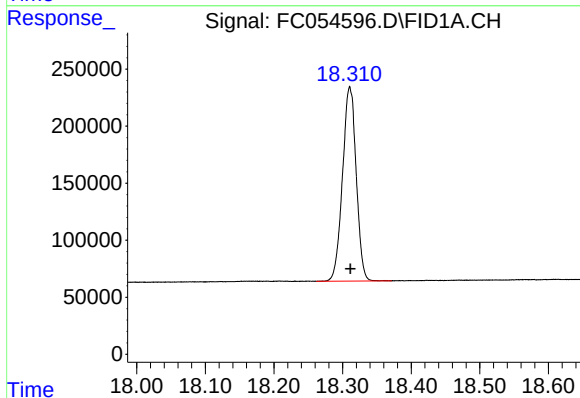
R.T.: 16.593 min
Delta R.T.: 0.000 min
Response: 2507187
Conc: 18.27 ug/ml



#17 n-Tricontane (C30)

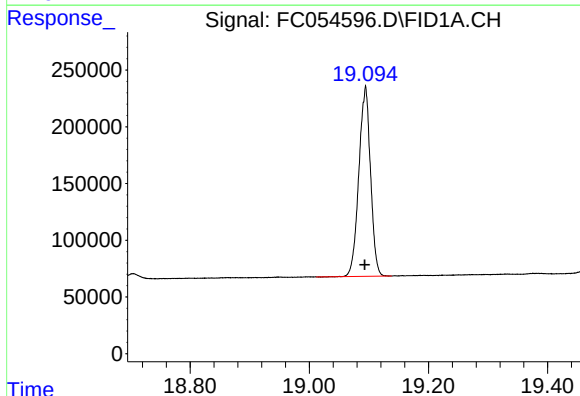
R.T.: 17.479 min
Delta R.T.: 0.000 min
Response: 2446860
Conc: 17.67 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



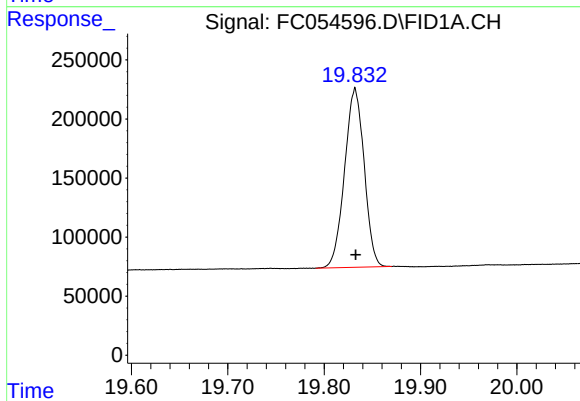
#18 n-Dotriacontane (C32)

R.T.: 18.311 min
Delta R.T.: 0.000 min
Response: 2356621
Conc: 17.23 ug/ml



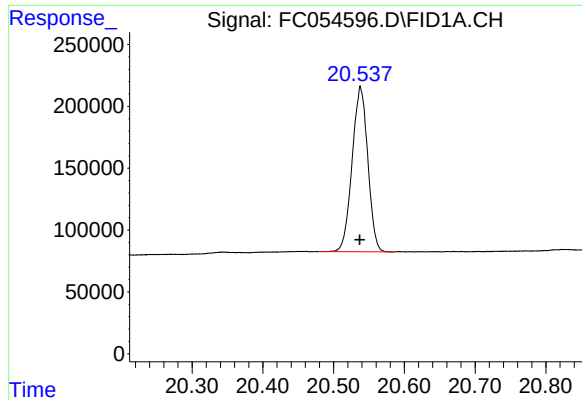
#19 n-Tetratriacontane (C34)

R.T.: 19.094 min
Delta R.T.: 0.000 min
Response: 2265237
Conc: 16.76 ug/ml



#20 n-Hexatriacontane (C36)

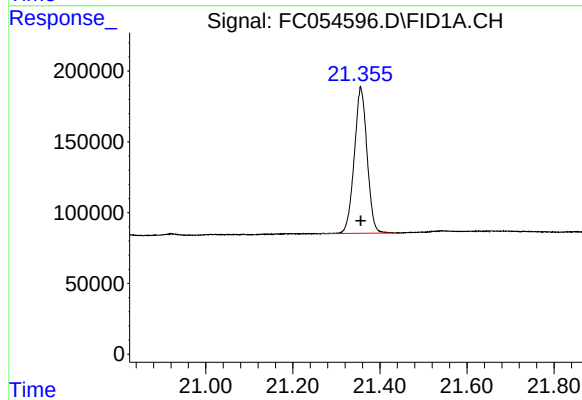
R.T.: 19.832 min
Delta R.T.: 0.000 min
Response: 2133129
Conc: 17.28 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.538 min
Delta R.T.: 0.001 min
Response: 2050992
Conc: 18.13 ug/ml

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FID_C
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20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 21.356 min
Delta R.T.: 0.000 min
Response: 2098609
Conc: 18.57 ug/ml