

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD040220AL\
 Data File : FD032789.D
 Signal(s) : FID2B.CH
 Acq On : 03 Apr 2020 00:22
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: Apr 03 02:39:03 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Alaphatic EPH 030420.M
 Quant Title : GC Extractables
 QLast Update : Thu Mar 05 10:06:03 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)	11.505	2632424	18.351 ug/ml
Spiked Amount 50.000		Recovery =	36.70%
12) S 1-chlorooctadecane (S...	12.936	1999163	17.897 ug/ml
Spiked Amount 50.000		Recovery =	35.79%
Target Compounds			
1) T n-Nonane (C9)	3.315	2718738	21.413 ug/ml
2) T n-Decane (C10)	4.374	2720303	21.360 ug/ml
3) T A~Naphthalene (C11.7)	5.949	2901371	20.446 ug/ml
4) T n-Dodecane (C12)	6.380	2725984	20.944 ug/ml
5) T A~2-methylnaphthalene...	6.999	2871671	19.848 ug/ml
6) T n-Tetradecane (C14)	8.165	2674826	20.323 ug/ml
7) T n-Hexadecane (C16)	9.757	2599741	19.628 ug/ml
8) T n-Octadecane (C18)	11.191	2539436	19.099 ug/ml
10) T n-Eicosane (C20)	12.494	2460163	18.619 ug/ml
11) T n-Heneicosane (C21)	13.103	2394886	18.071 ug/ml
13) T n-Docosane (C22)	13.686	2337582	17.823 ug/ml
14) T n-Tetracosane (C24)	14.784	2277951	17.497 ug/ml
15) T n-Hexacosane (C26)	15.801	2217379	17.407 ug/ml
16) T n-Octacosane (C28)	16.745	2158532	17.451 ug/ml
17) T n-Tricontane (C30)	17.628	2095346	17.799 ug/ml
18) T n-Dotriacontane (C32)	18.456	1812471	18.151 ug/ml
19) T n-Tetratriacontane (C34)	19.235	1595272	18.842 ug/ml
20) T n-Hexatriacontane (C36)	19.972	1502488	19.320 ug/ml
21) T n-Octatriacontane (C38)	20.686	1482211	20.035 ug/ml
22) T n-Tetracontane (C40)	21.544	1542399	19.033 ug/ml

(f)=RT Delta > 1/2 Window

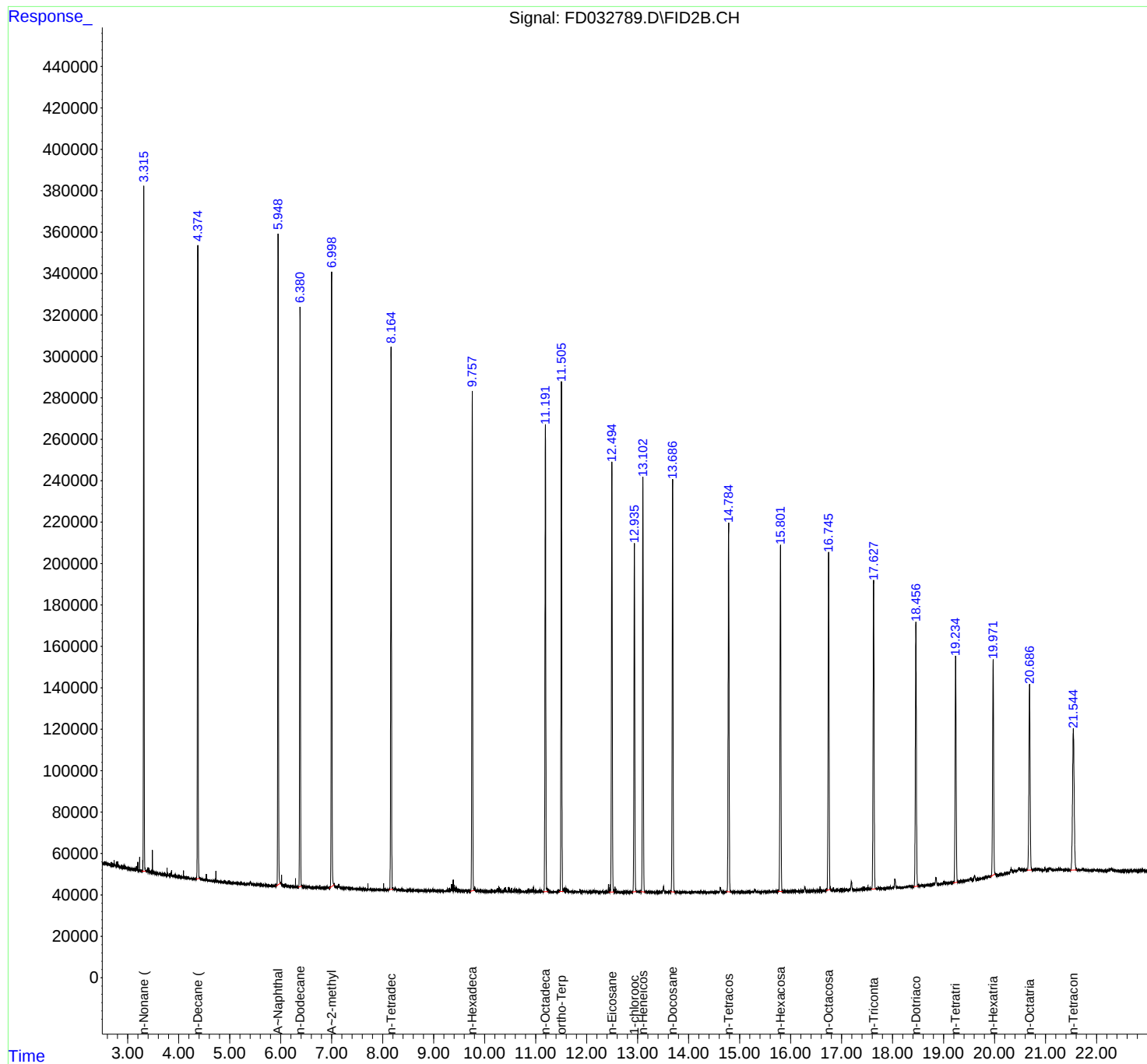
(m)=manual int.

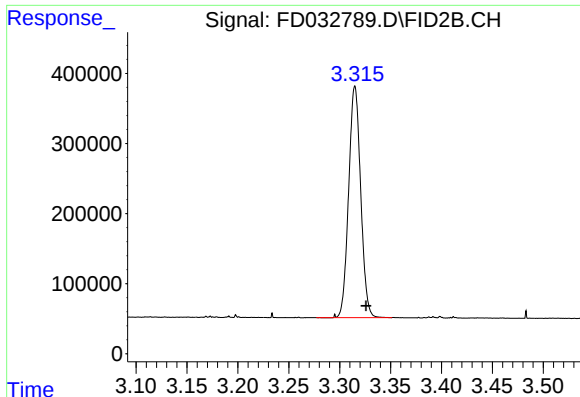
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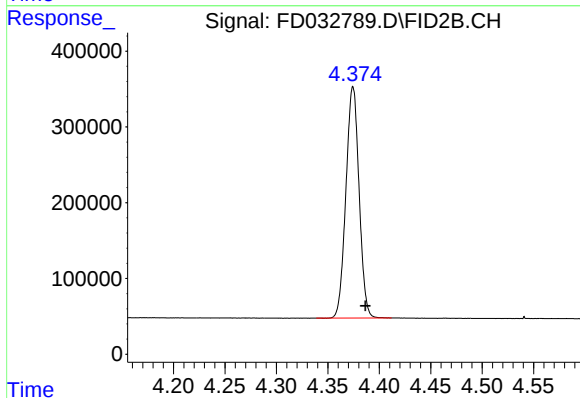




#1 n-Nonane (C9)

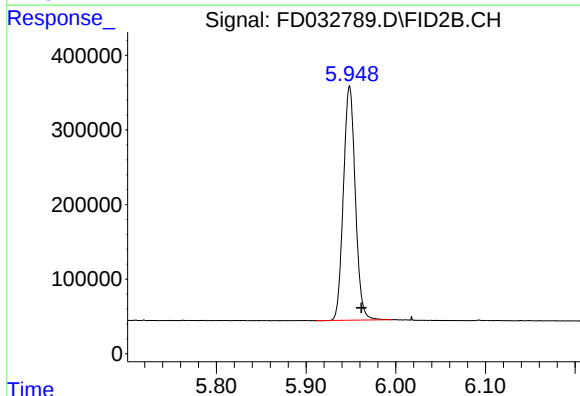
R.T.: 3.315 min
Delta R.T.: -0.011 min
Response: 2718738
Conc: 21.41 ug/ml

Instrument :
FID_D
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20 PPM ALIPHATIC HC STD



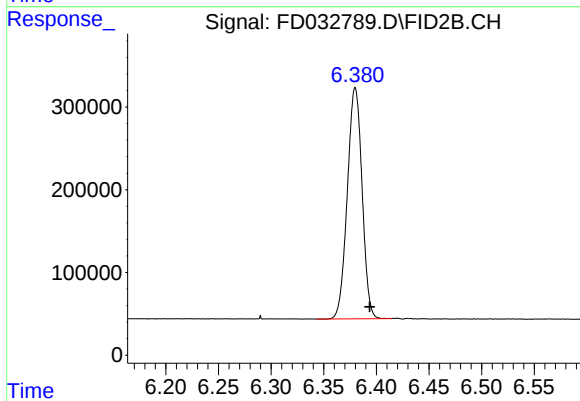
#2 n-Decane (C10)

R.T.: 4.374 min
Delta R.T.: -0.012 min
Response: 2720303
Conc: 21.36 ug/ml



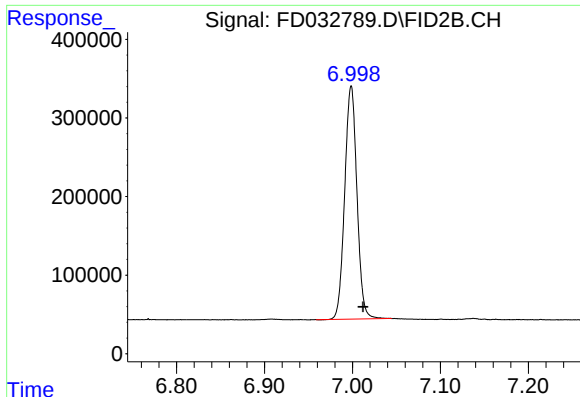
#3 A~Naphthalene (C11.7)

R.T.: 5.949 min
Delta R.T.: -0.013 min
Response: 2901371
Conc: 20.45 ug/ml



#4 n-Dodecane (C12)

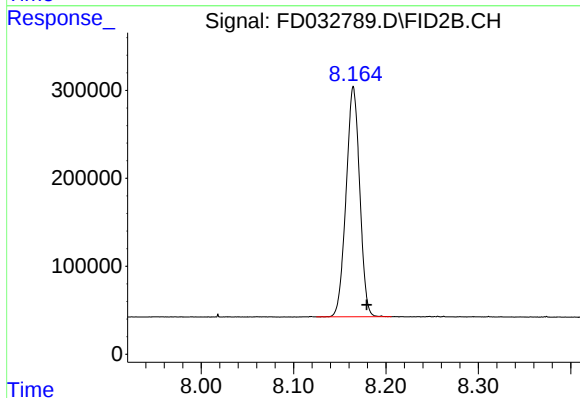
R.T.: 6.380 min
Delta R.T.: -0.014 min
Response: 2725984
Conc: 20.94 ug/ml



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

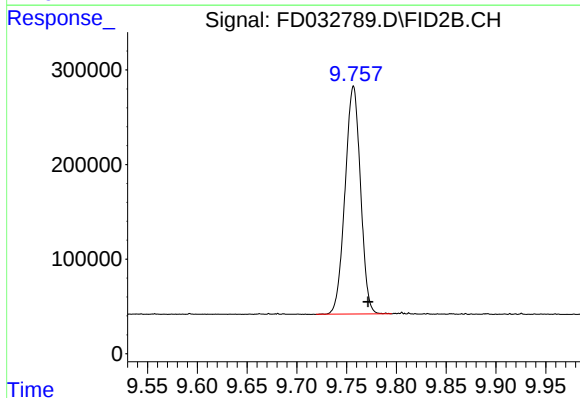
R.T.: 6.999 min
Delta R.T.: -0.014 min
Response: 2871671
Conc: 19.85 ug/ml

Instrument :
FID_D
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20 PPM ALIPHATIC HC STD



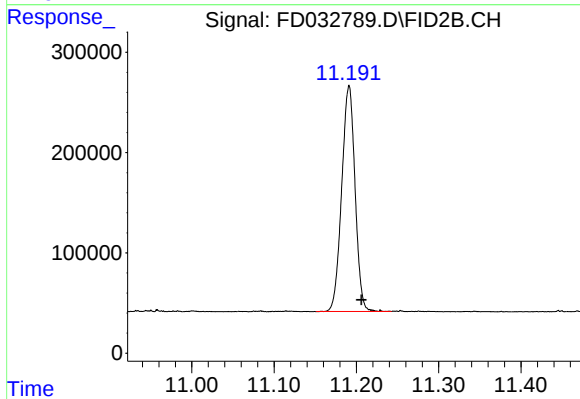
#6 n-Tetradecane (C14)

R.T.: 8.165 min
Delta R.T.: -0.015 min
Response: 2674826
Conc: 20.32 ug/ml



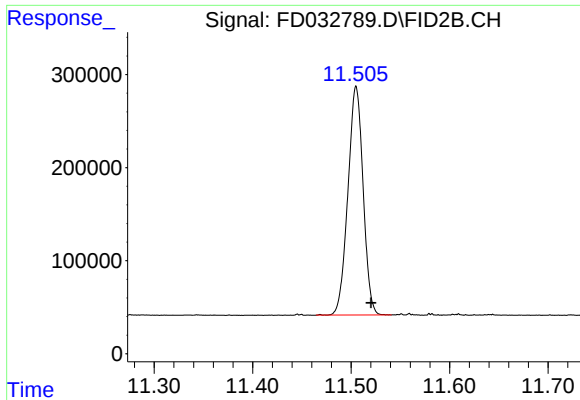
#7 n-Hexadecane (C16)

R.T.: 9.757 min
Delta R.T.: -0.015 min
Response: 2599741
Conc: 19.63 ug/ml



#8 n-Octadecane (C18)

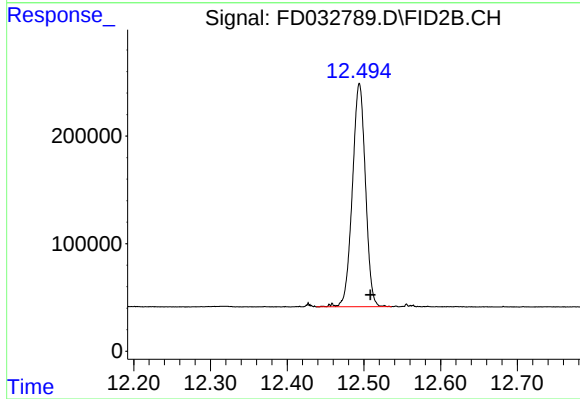
R.T.: 11.191 min
Delta R.T.: -0.015 min
Response: 2539436
Conc: 19.10 ug/ml



#9 ortho-Terphenyl (SURR)

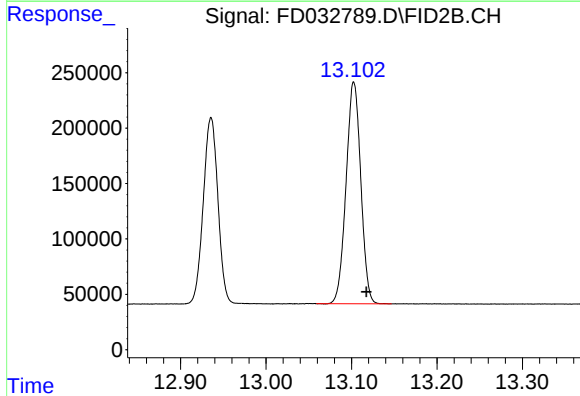
R.T.: 11.505 min
Delta R.T.: -0.015 min
Response: 2632424
Conc: 18.35 ug/ml

Instrument :
FID_D
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20 PPM ALIPHATIC HC STD



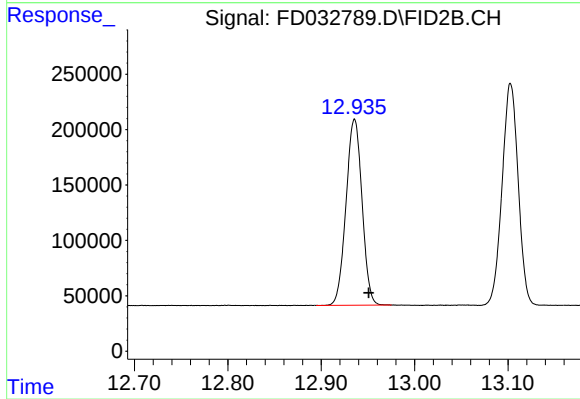
#10 n-Eicosane (C20)

R.T.: 12.494 min
Delta R.T.: -0.014 min
Response: 2460163
Conc: 18.62 ug/ml



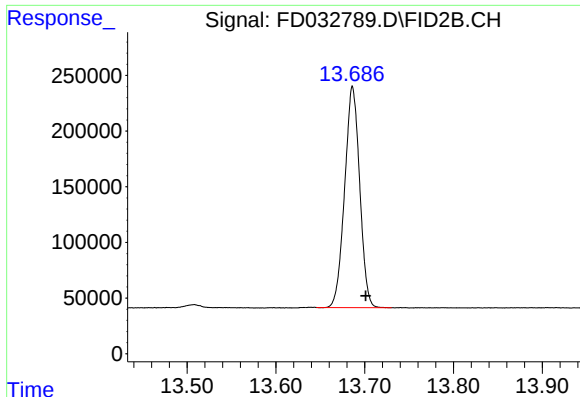
#11 n-Heneicosane (C21)

R.T.: 13.103 min
Delta R.T.: -0.015 min
Response: 2394886
Conc: 18.07 ug/ml



#12 1-chlorooctadecane (SURR)

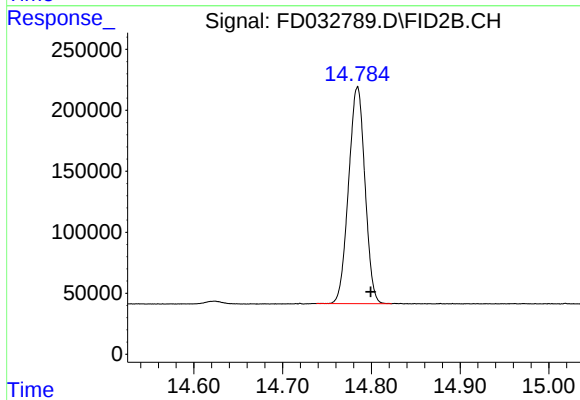
R.T.: 12.936 min
Delta R.T.: -0.015 min
Response: 1999163
Conc: 17.90 ug/ml



#13 n-Docosane (C22)

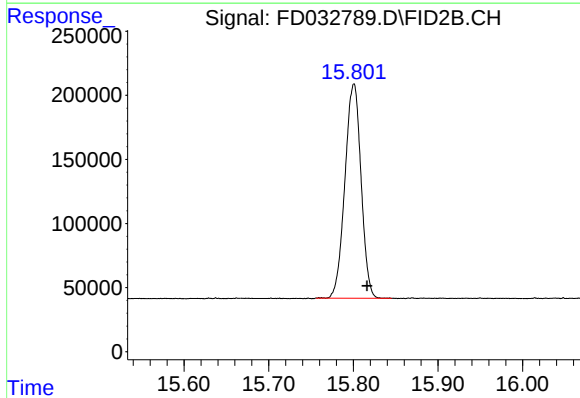
R.T.: 13.686 min
Delta R.T.: -0.015 min
Response: 2337582
Conc: 17.82 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM ALIPHATIC HC STD



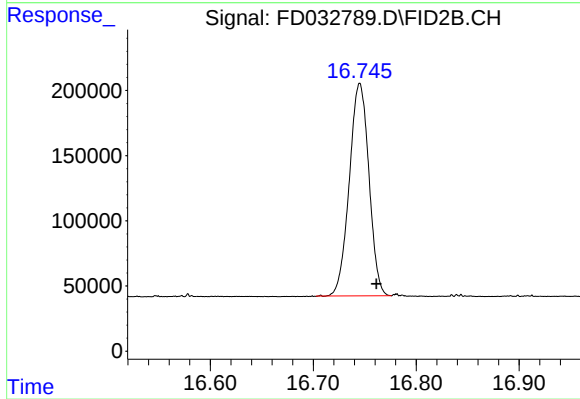
#14 n-Tetracosane (C24)

R.T.: 14.784 min
Delta R.T.: -0.015 min
Response: 2277951
Conc: 17.50 ug/ml



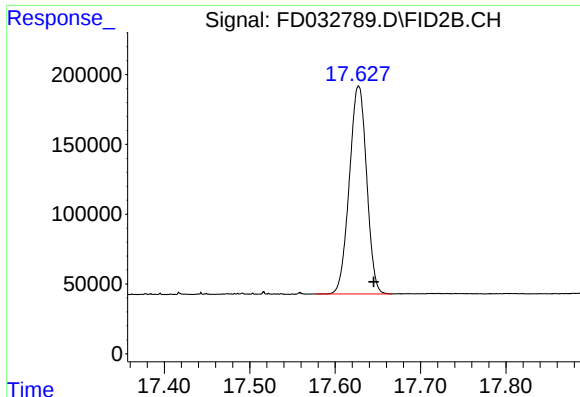
#15 n-Hexacosane (C26)

R.T.: 15.801 min
Delta R.T.: -0.016 min
Response: 2217379
Conc: 17.41 ug/ml



#16 n-Octacosane (C28)

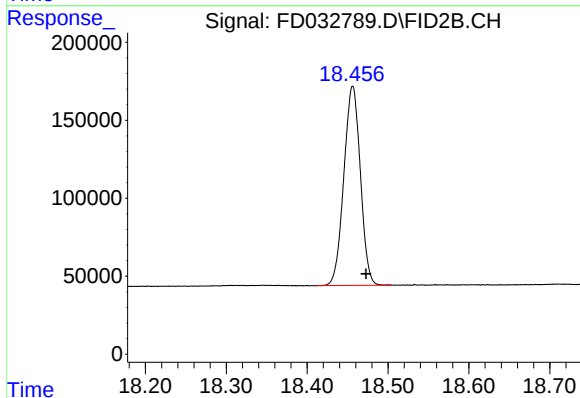
R.T.: 16.745 min
Delta R.T.: -0.016 min
Response: 2158532
Conc: 17.45 ug/ml



#17 n-Tricontane (C30)

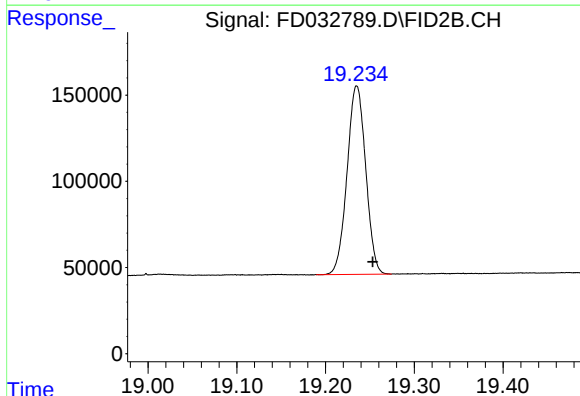
R.T.: 17.628 min
Delta R.T.: -0.018 min
Response: 2095346
Conc: 17.80 ug/ml

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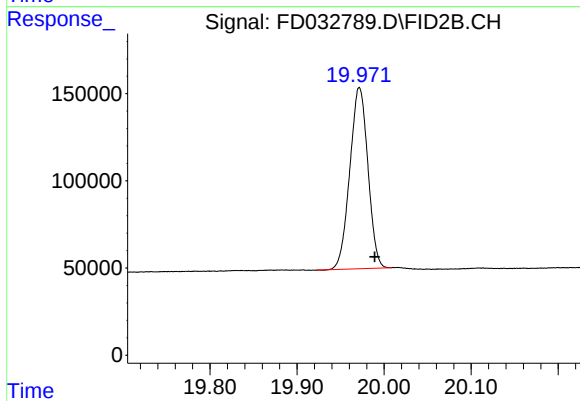
#18 n-Dotriacontane (C32)

R.T.: 18.456 min
Delta R.T.: -0.017 min
Response: 1812471
Conc: 18.15 ug/ml



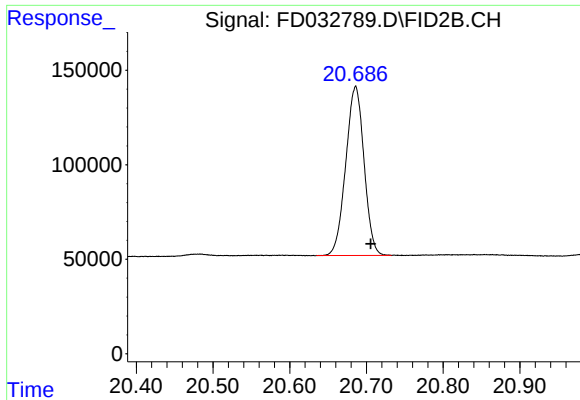
#19 n-Tetratriacontane (C34)

R.T.: 19.235 min
Delta R.T.: -0.018 min
Response: 1595272
Conc: 18.84 ug/ml



#20 n-Hexatriacontane (C36)

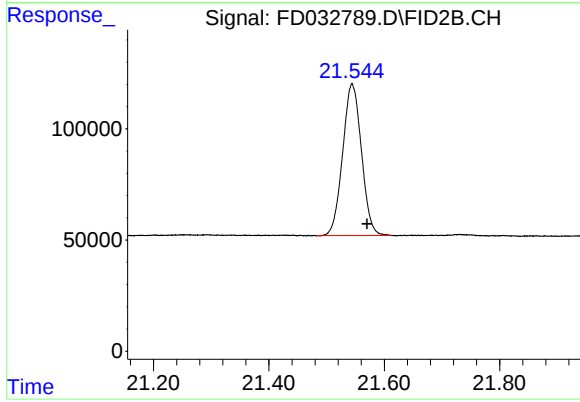
R.T.: 19.972 min
Delta R.T.: -0.018 min
Response: 1502488
Conc: 19.32 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.686 min
Delta R.T.: -0.020 min
Response: 1482211
Conc: 20.04 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 21.544 min
Delta R.T.: -0.026 min
Response: 1542399
Conc: 19.03 ug/ml