

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD082520AL\
 Data File : FD034542.D
 Signal(s) : FID2B.CH
 Acq On : 26 Aug 2020 7:23
 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: Aug 26 07:52:50 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Alaphatic EPH 073120.M
 Quant Title : GC Extractables
 QLast Update : Mon Aug 03 10:13:24 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)	11.601	2507801	19.131 ug/ml
Spiked Amount 50.000		Recovery =	38.26%
12) S 1-chlorooctadecane (S...	13.029	2006128	18.660 ug/ml
Spiked Amount 50.000		Recovery =	37.32%
Target Compounds			
1) T n-Nonane (C9)	3.376	2495705	21.551 ug/ml
2) T n-Decane (C10)	4.444	2519072	21.647 ug/ml
3) T A~Naphthalene (C11.7)	6.030	2728876	20.971 ug/ml
4) T n-Dodecane (C12)	6.458	2529737	21.444 ug/ml
5) T A~2-methylnaphthalene...	7.083	2755471	20.747 ug/ml
6) T n-Tetradecane (C14)	8.249	2473504	21.167 ug/ml
7) T n-Hexadecane (C16)	9.845	2374622	20.342 ug/ml
8) T n-Octadecane (C18)	11.281	2413374	19.801 ug/ml
10) T n-Eicosane (C20)	12.585	2361980	19.134 ug/ml
11) T n-Heneicosane (C21)	13.195	2321931	18.771 ug/ml
13) T n-Docosane (C22)	13.779	2291910	18.453 ug/ml
14) T n-Tetracosane (C24)	14.877	2247288	17.952 ug/ml
15) T n-Hexacosane (C26)	15.893	2243127	17.904 ug/ml
16) T n-Octacosane (C28)	16.837	2259765	17.892 ug/ml
17) T n-Tricontane (C30)	17.721	2209874	17.765 ug/ml
18) T n-Dotriacontane (C32)	18.549	2049942	17.802 ug/ml
19) T n-Tetratriacontane (C34)	19.329	1924695	17.680 ug/ml
20) T n-Hexatriacontane (C36)	20.063	1841216	17.398 ug/ml
21) T n-Octatriacontane (C38)	20.793	1764237	18.343 ug/ml
22) T n-Tetracontane (C40)	21.695	1812607	18.790 ug/ml

(f)=RT Delta > 1/2 Window

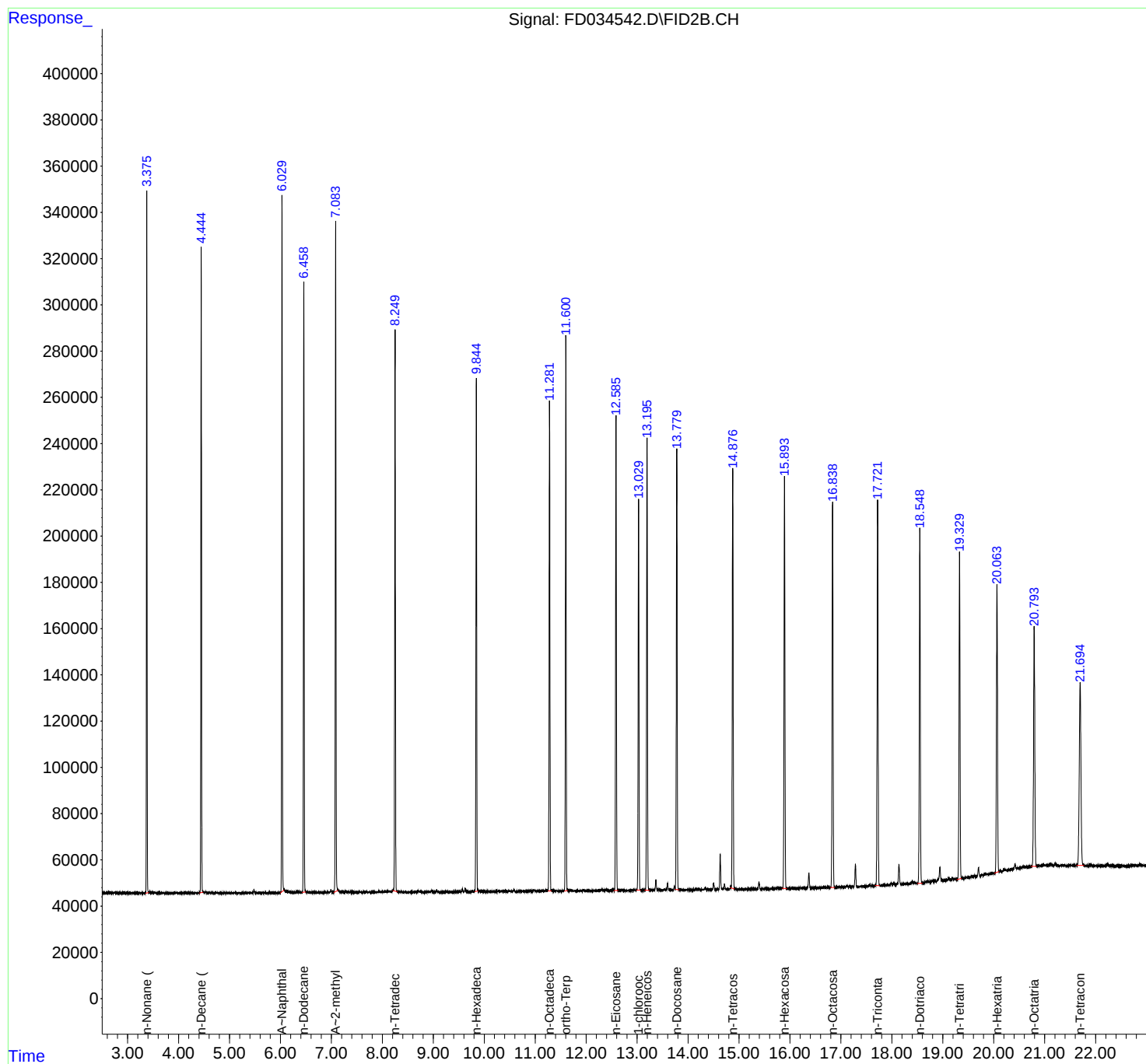
(m)=manual int.

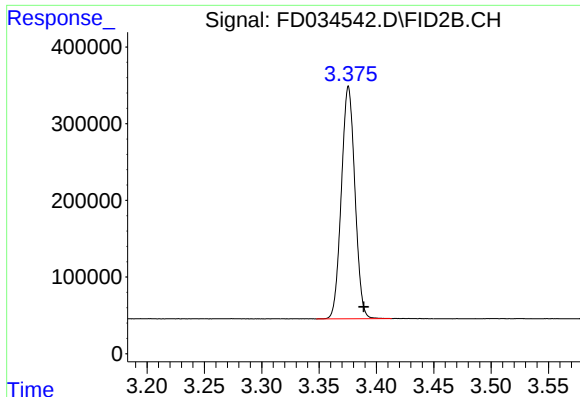
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Integration File: autoint1.e
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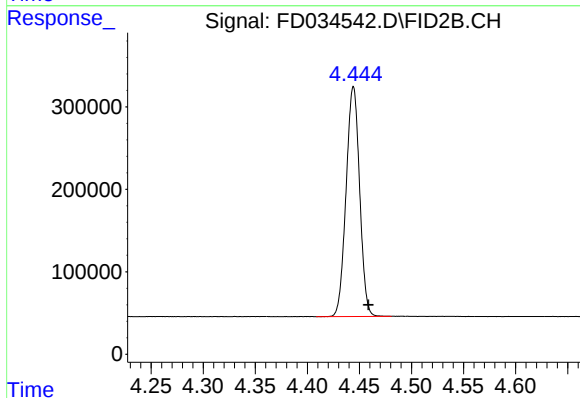




#1 n-Nonane (C9)

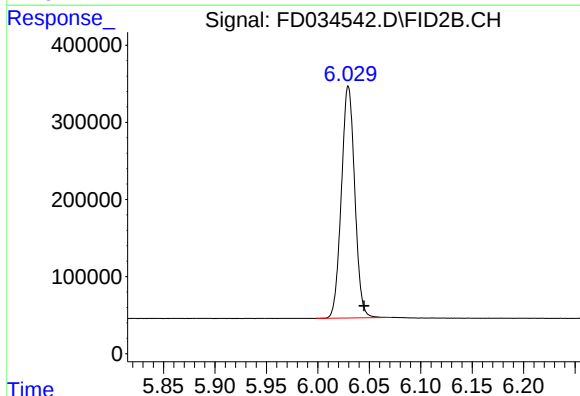
R.T.: 3.376 min
Delta R.T.: -0.013 min
Response: 2495705
Conc: 21.55 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



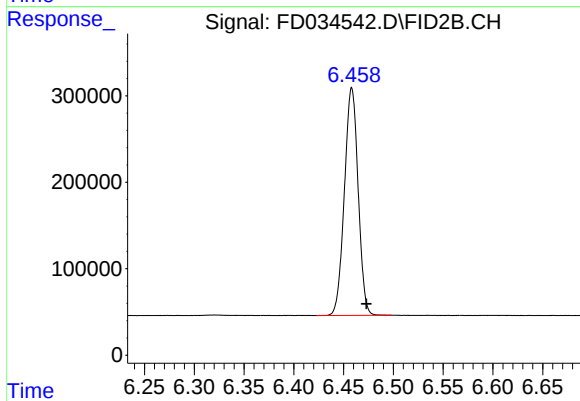
#2 n-Decane (C10)

R.T.: 4.444 min
Delta R.T.: -0.014 min
Response: 2519072
Conc: 21.65 ug/ml



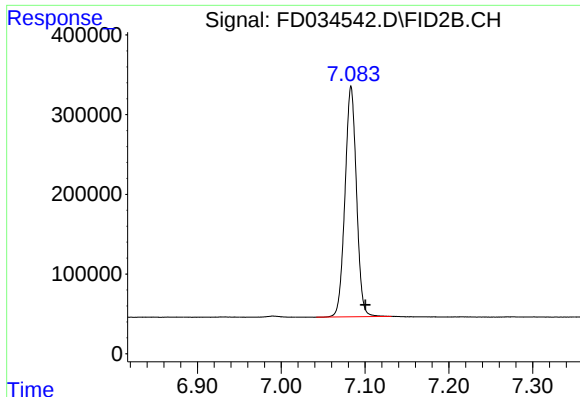
#3 A~Naphthalene (C11.7)

R.T.: 6.030 min
Delta R.T.: -0.015 min
Response: 2728876
Conc: 20.97 ug/ml



#4 n-Dodecane (C12)

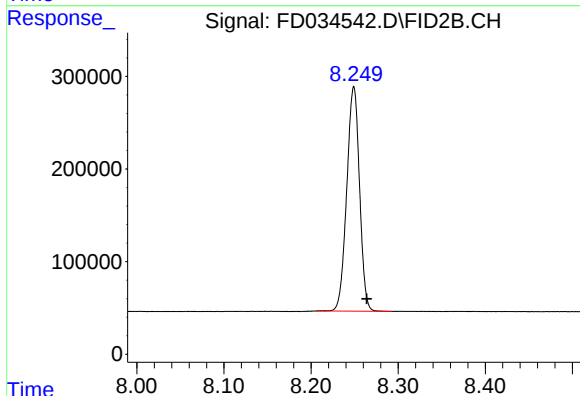
R.T.: 6.458 min
Delta R.T.: -0.015 min
Response: 2529737
Conc: 21.44 ug/ml



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

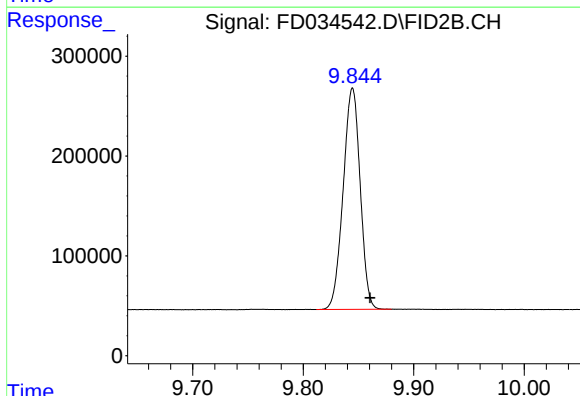
R.T.: 7.083 min
Delta R.T.: -0.017 min
Response: 2755471
Conc: 20.75 ug/ml

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20 PPM ALIPHATIC HC STD



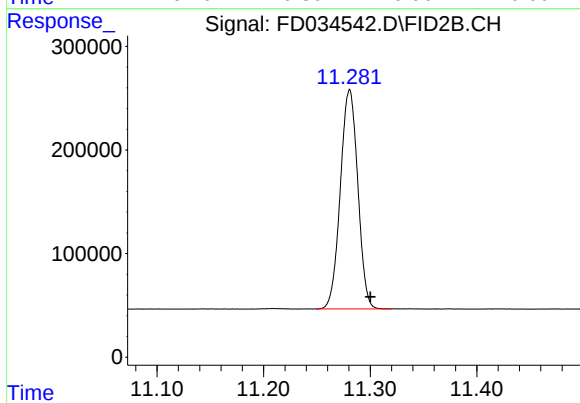
#6 n-Tetradecane (C14)

R.T.: 8.249 min
Delta R.T.: -0.015 min
Response: 2473504
Conc: 21.17 ug/ml



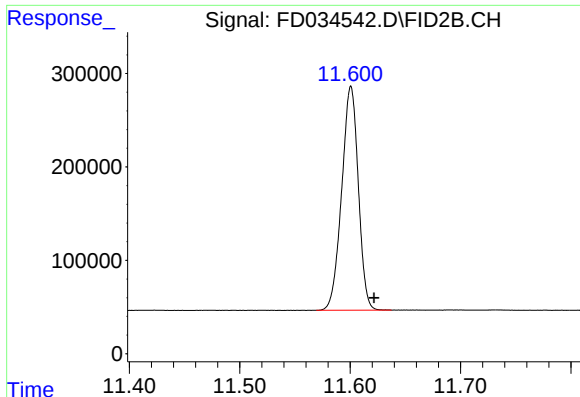
#7 n-Hexadecane (C16)

R.T.: 9.845 min
Delta R.T.: -0.016 min
Response: 2374622
Conc: 20.34 ug/ml



#8 n-Octadecane (C18)

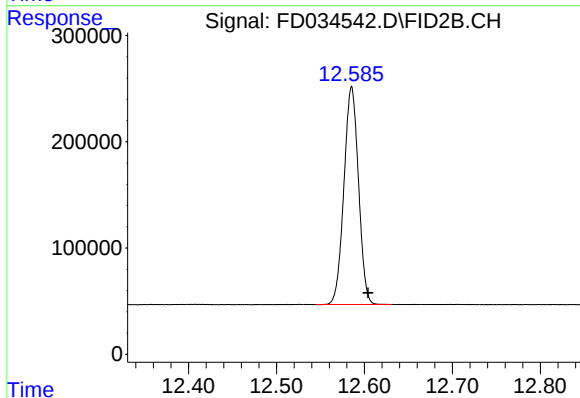
R.T.: 11.281 min
Delta R.T.: -0.020 min
Response: 2413374
Conc: 19.80 ug/ml



#9 ortho-Terphenyl (SURR)

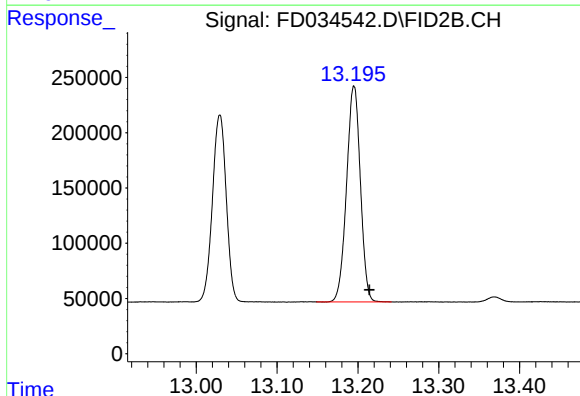
R.T.: 11.601 min
Delta R.T.: -0.021 min
Response: 2507801
Conc: 19.13 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



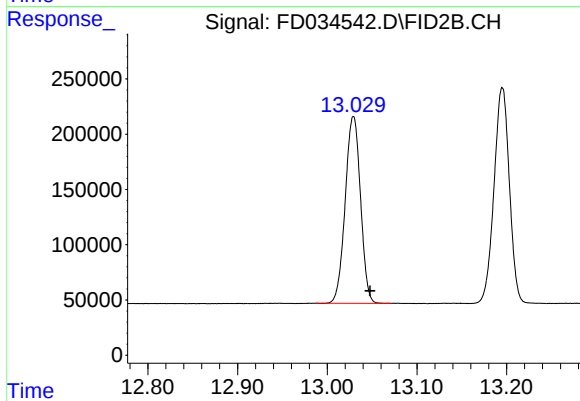
#10 n-Eicosane (C20)

R.T.: 12.585 min
Delta R.T.: -0.019 min
Response: 2361980
Conc: 19.13 ug/ml



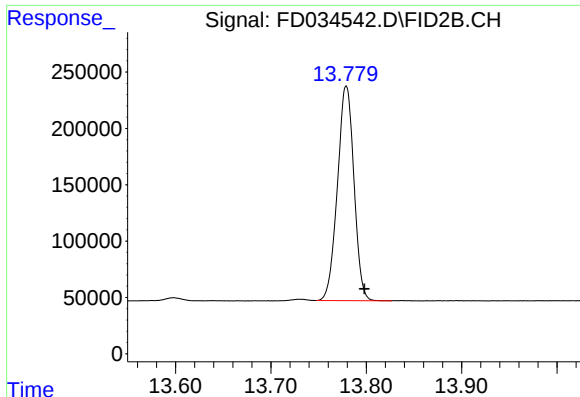
#11 n-Heneicosane (C21)

R.T.: 13.195 min
Delta R.T.: -0.019 min
Response: 2321931
Conc: 18.77 ug/ml



#12 1-chlorooctadecane (SURR)

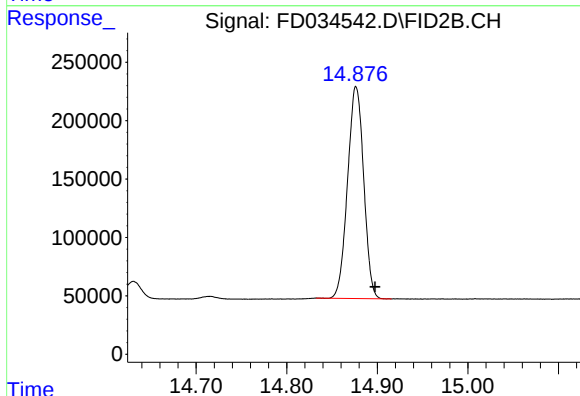
R.T.: 13.029 min
Delta R.T.: -0.018 min
Response: 2006128
Conc: 18.66 ug/ml



#13 n-Docosane (C22)

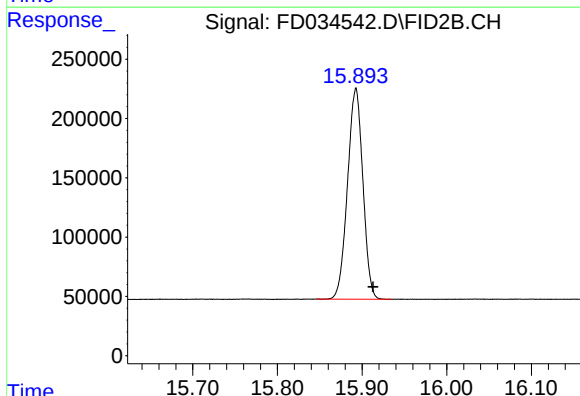
R.T.: 13.779 min
Delta R.T.: -0.019 min
Response: 2291910
Conc: 18.45 ug/ml

Instrument :
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ClientSampleId :
20 PPM ALIPHATIC HC STD



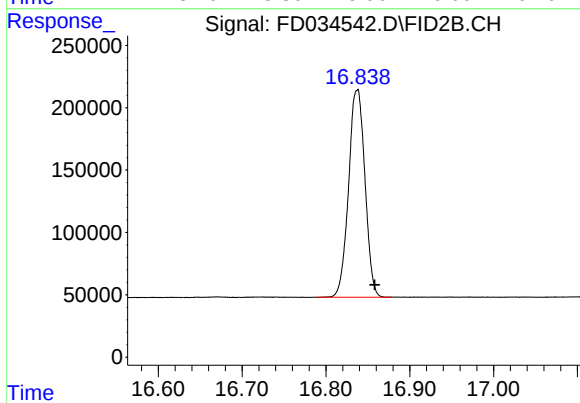
#14 n-Tetracosane (C24)

R.T.: 14.877 min
Delta R.T.: -0.021 min
Response: 2247288
Conc: 17.95 ug/ml



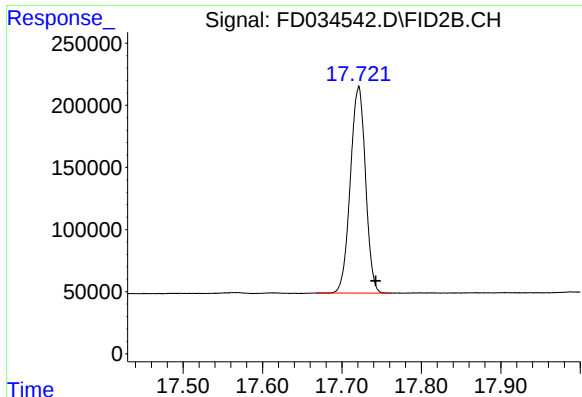
#15 n-Hexacosane (C26)

R.T.: 15.893 min
Delta R.T.: -0.020 min
Response: 2243127
Conc: 17.90 ug/ml



#16 n-Octacosane (C28)

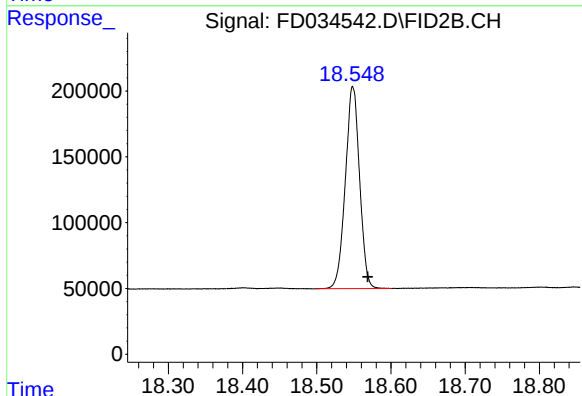
R.T.: 16.837 min
Delta R.T.: -0.021 min
Response: 2259765
Conc: 17.89 ug/ml



#17 n-Tricontane (C30)

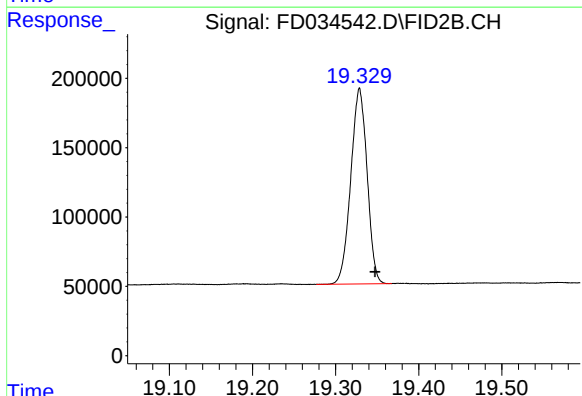
R.T.: 17.721 min
Delta R.T.: -0.021 min
Response: 2209874
Conc: 17.76 ug/ml

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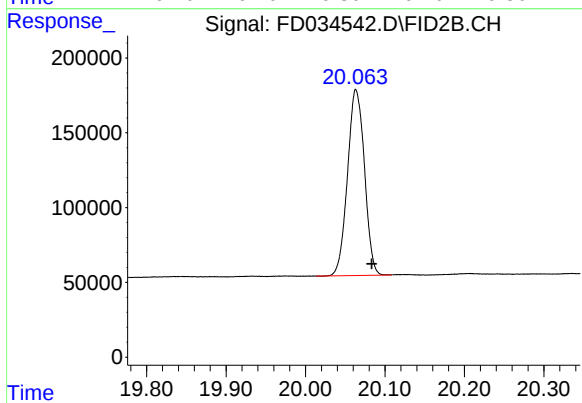
#18 n-Dotriacontane (C32)

R.T.: 18.549 min
Delta R.T.: -0.020 min
Response: 2049942
Conc: 17.80 ug/ml



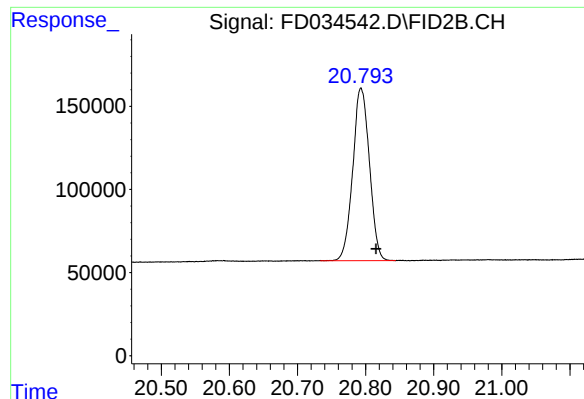
#19 n-Tetratriacontane (C34)

R.T.: 19.329 min
Delta R.T.: -0.019 min
Response: 1924695
Conc: 17.68 ug/ml



#20 n-Hexatriacontane (C36)

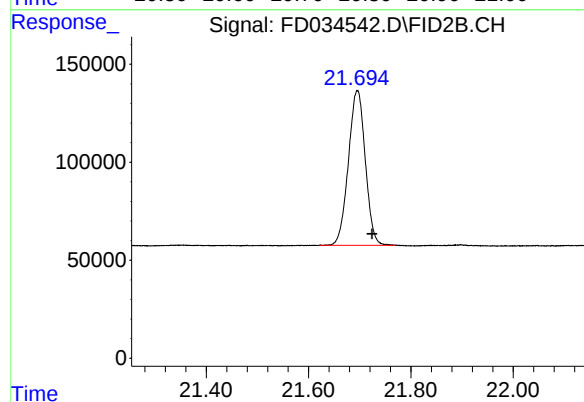
R.T.: 20.063 min
Delta R.T.: -0.020 min
Response: 1841216
Conc: 17.40 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.793 min
Delta R.T.: -0.022 min
Response: 1764237
Conc: 18.34 ug/ml

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20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 21.695 min
Delta R.T.: -0.029 min
Response: 1812607
Conc: 18.79 ug/ml