

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD082520AL\
 Data File : FD034515.D
 Signal(s) : FID2B.CH
 Acq On : 25 Aug 2020 14:42
 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 02:34:54 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)	11.602	2430623	18.542 ug/ml
Spiked Amount 50.000		Recovery =	37.08%
12) S 1-chlorooctadecane (S...	13.031	1940041	18.045 ug/ml
Spiked Amount 50.000		Recovery =	36.09%
Target Compounds			
1) T n-Nonane (C9)	3.375	2407388	20.789 ug/ml
2) T n-Decane (C10)	4.444	2429604	20.878 ug/ml
3) T A~Naphthalene (C11.7)	6.030	2638903	20.280 ug/ml
4) T n-Dodecane (C12)	6.459	2443712	20.715 ug/ml
5) T A~2-methylnaphthalene...	7.084	2670419	20.107 ug/ml
6) T n-Tetradecane (C14)	8.249	2383449	20.396 ug/ml
7) T n-Hexadecane (C16)	9.845	2300301	19.705 ug/ml
8) T n-Octadecane (C18)	11.283	2336430	19.170 ug/ml
10) T n-Eicosane (C20)	12.588	2290618	18.556 ug/ml
11) T n-Heneicosane (C21)	13.197	2248856	18.181 ug/ml
13) T n-Docosane (C22)	13.782	2220949	17.881 ug/ml
14) T n-Tetracosane (C24)	14.880	2179155	17.407 ug/ml
15) T n-Hexacosane (C26)	15.896	2169693	17.318 ug/ml
16) T n-Octacosane (C28)	16.841	2179677	17.257 ug/ml
17) T n-Tricontane (C30)	17.724	2133279	17.149 ug/ml
18) T n-Dotriacontane (C32)	18.551	1975750	17.157 ug/ml
19) T n-Tetratriacontane (C34)	19.332	1861131	17.096 ug/ml
20) T n-Hexatriacontane (C36)	20.066	1786101	16.878 ug/ml
21) T n-Octatriacontane (C38)	20.797	1707903	17.758 ug/ml
22) T n-Tetracontane (C40)	21.699	1755106	18.194 ug/ml

(f)=RT Delta > 1/2 Window

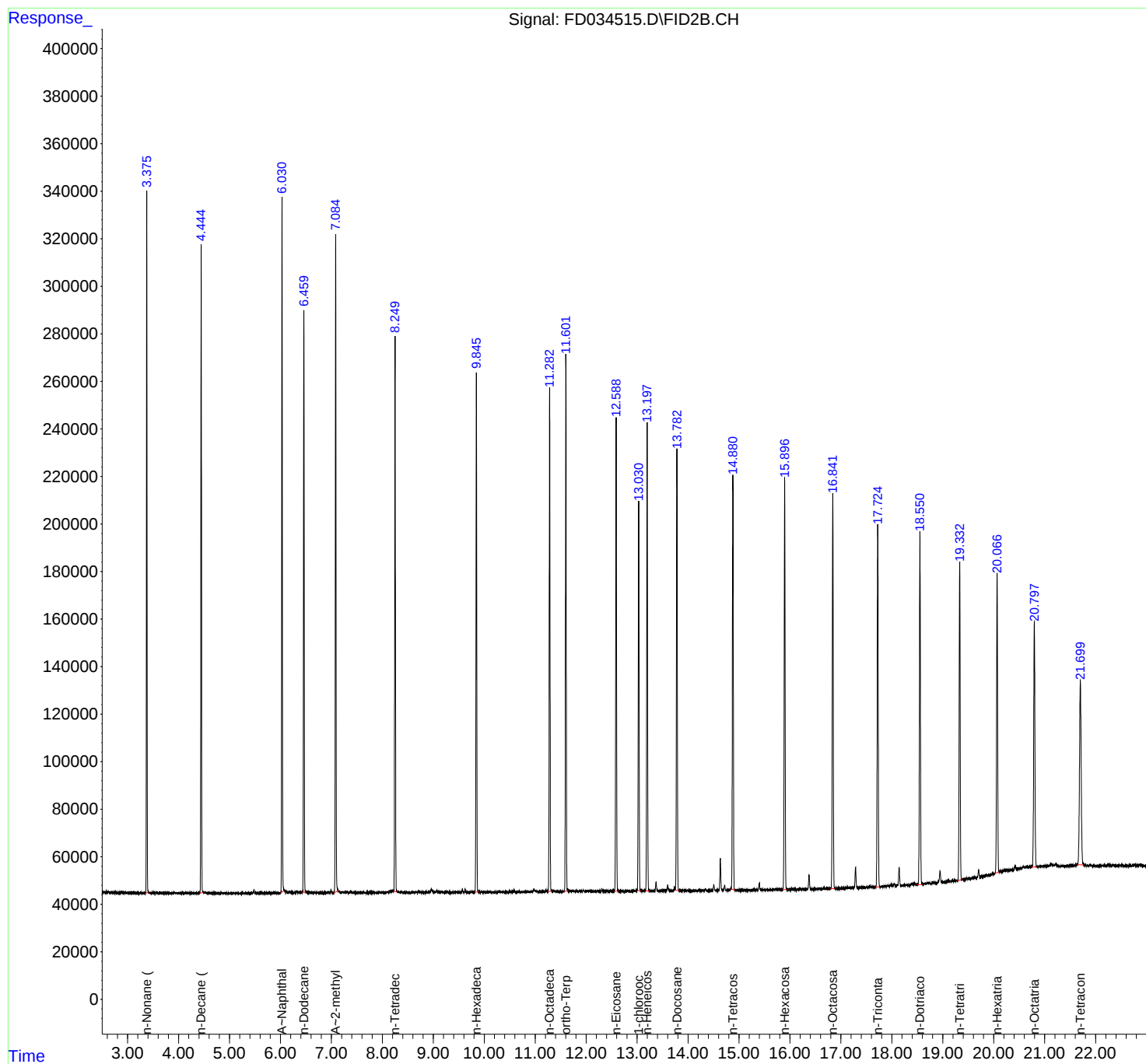
(m)=manual int.

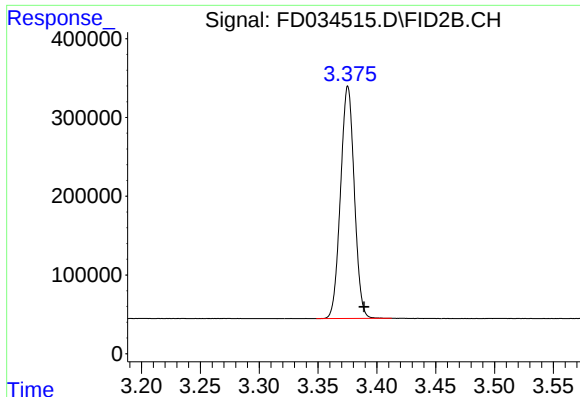
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Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Alaphatic EPH 073120.M
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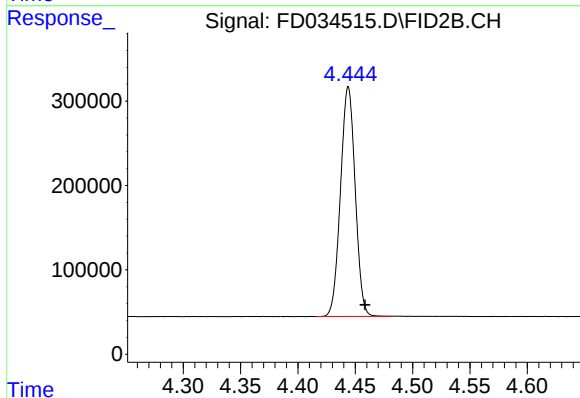




#1 n-Nonane (C9)

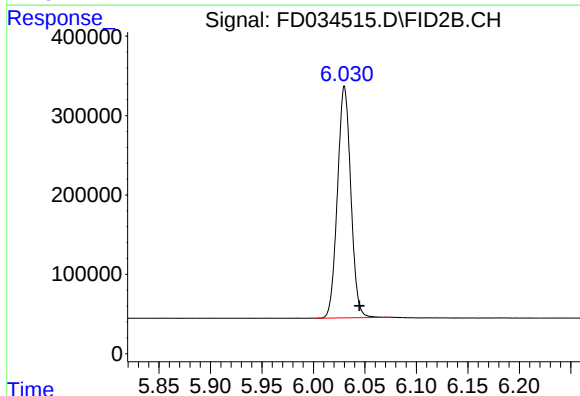
R.T.: 3.375 min
Delta R.T.: -0.014 min
Response: 2407388
Conc: 20.79 ug/ml

Instrument :
FID_D
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20 PPM ALIPHATIC HC STD



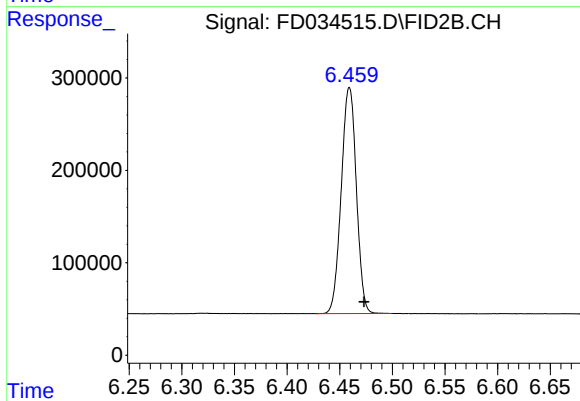
#2 n-Decane (C10)

R.T.: 4.444 min
Delta R.T.: -0.015 min
Response: 2429604
Conc: 20.88 ug/ml



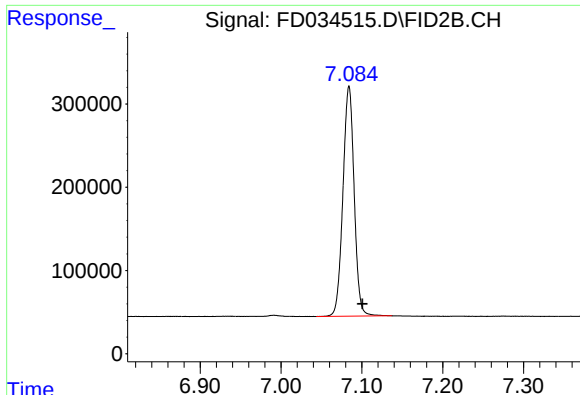
#3 A~Naphthalene (C11.7)

R.T.: 6.030 min
Delta R.T.: -0.015 min
Response: 2638903
Conc: 20.28 ug/ml



#4 n-Dodecane (C12)

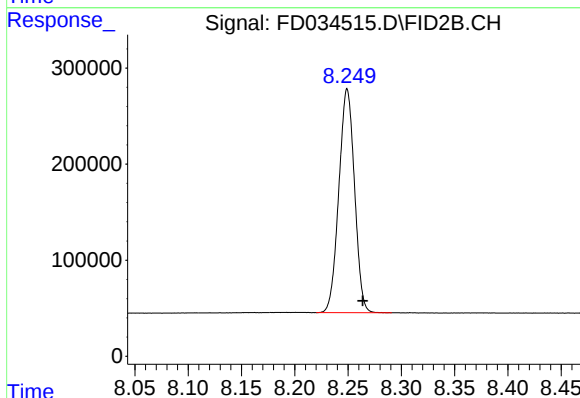
R.T.: 6.459 min
Delta R.T.: -0.014 min
Response: 2443712
Conc: 20.71 ug/ml



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

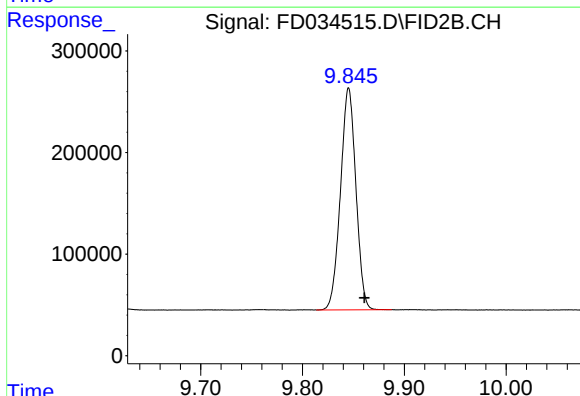
R.T.: 7.084 min
Delta R.T.: -0.017 min
Response: 2670419
Conc: 20.11 ug/ml

Instrument :
FID_D
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20 PPM ALIPHATIC HC STD



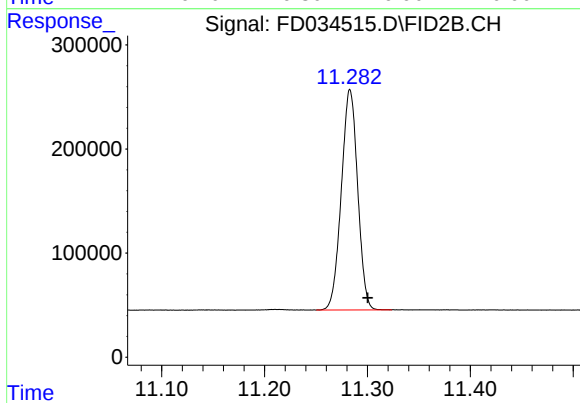
#6 n-Tetradecane (C14)

R.T.: 8.249 min
Delta R.T.: -0.015 min
Response: 2383449
Conc: 20.40 ug/ml



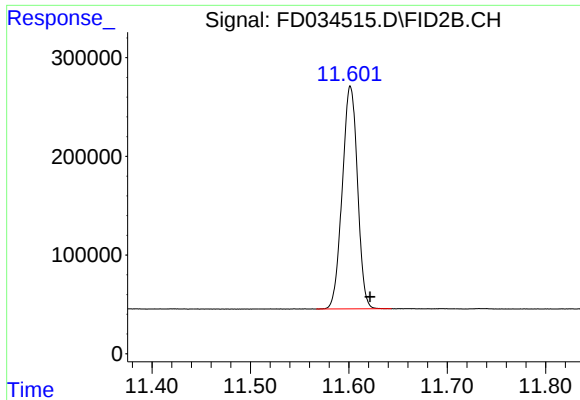
#7 n-Hexadecane (C16)

R.T.: 9.845 min
Delta R.T.: -0.015 min
Response: 2300301
Conc: 19.71 ug/ml



#8 n-Octadecane (C18)

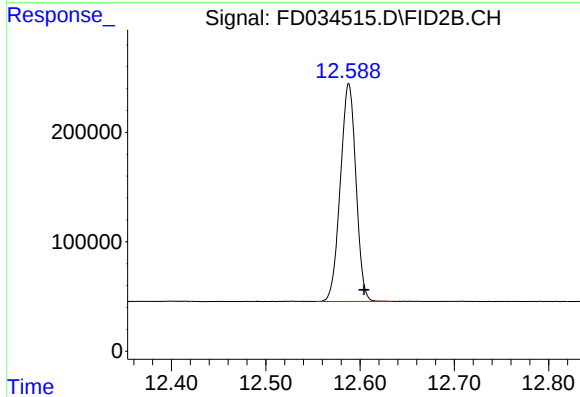
R.T.: 11.283 min
Delta R.T.: -0.017 min
Response: 2336430
Conc: 19.17 ug/ml



#9 ortho-Terphenyl (SURR)

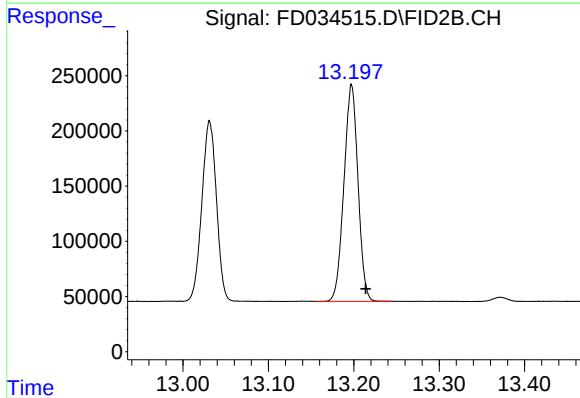
R.T.: 11.602 min
Delta R.T.: -0.020 min
Response: 2430623
Conc: 18.54 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM ALIPHATIC HC STD



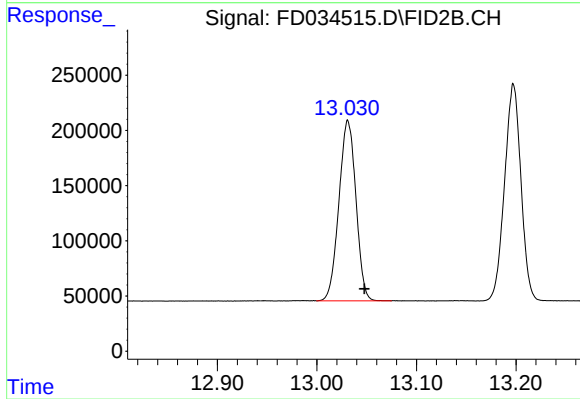
#10 n-Eicosane (C20)

R.T.: 12.588 min
Delta R.T.: -0.016 min
Response: 2290618
Conc: 18.56 ug/ml



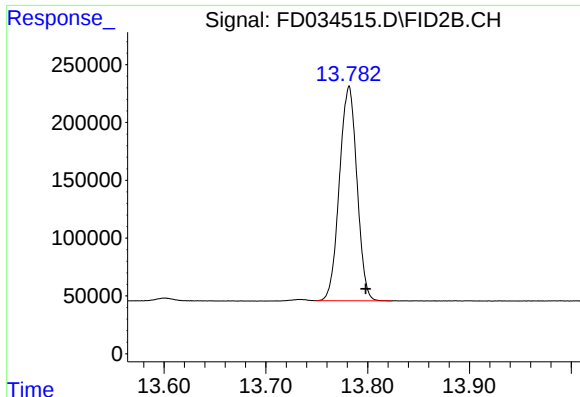
#11 n-Heneicosane (C21)

R.T.: 13.197 min
Delta R.T.: -0.017 min
Response: 2248856
Conc: 18.18 ug/ml



#12 1-chlorooctadecane (SURR)

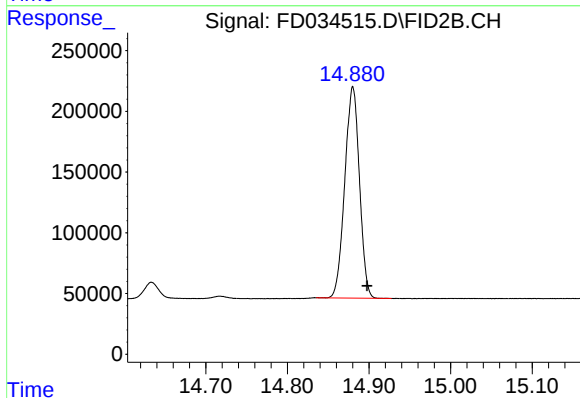
R.T.: 13.031 min
Delta R.T.: -0.017 min
Response: 1940041
Conc: 18.05 ug/ml



#13 n-Docosane (C22)

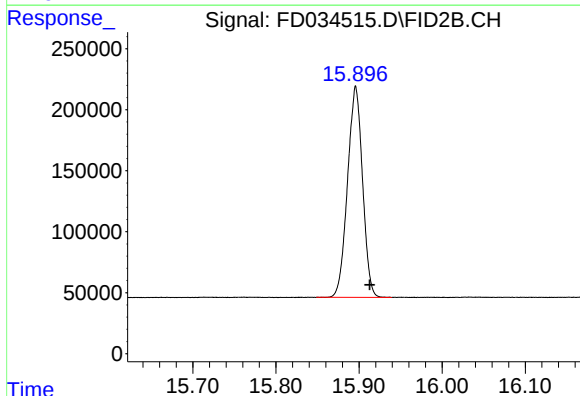
R.T.: 13.782 min
Delta R.T.: -0.016 min
Response: 2220949
Conc: 17.88 ug/ml

Instrument :
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ClientSampleId :
20 PPM ALIPHATIC HC STD



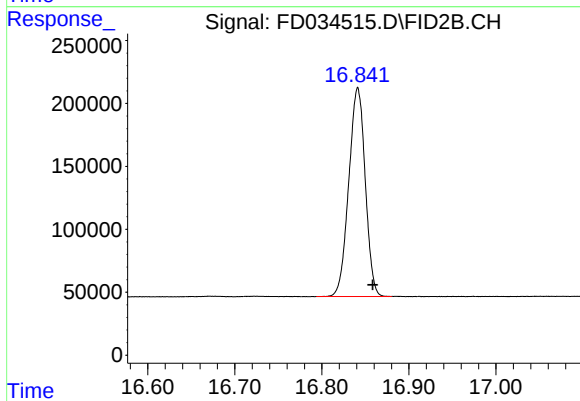
#14 n-Tetracosane (C24)

R.T.: 14.880 min
Delta R.T.: -0.017 min
Response: 2179155
Conc: 17.41 ug/ml



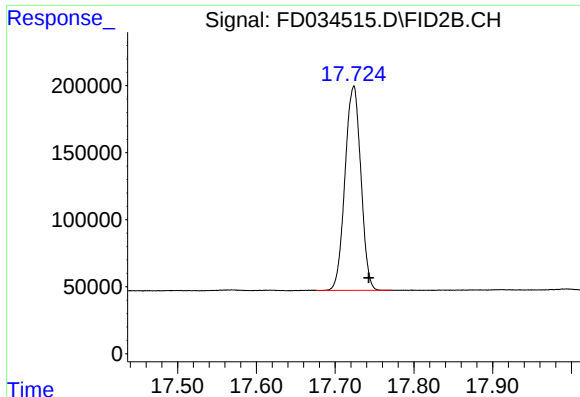
#15 n-Hexacosane (C26)

R.T.: 15.896 min
Delta R.T.: -0.017 min
Response: 2169693
Conc: 17.32 ug/ml



#16 n-Octacosane (C28)

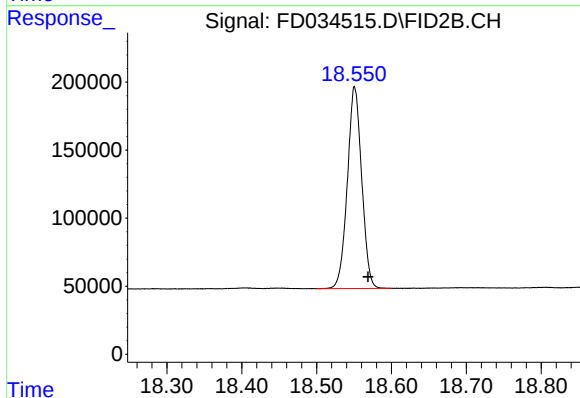
R.T.: 16.841 min
Delta R.T.: -0.017 min
Response: 2179677
Conc: 17.26 ug/ml



#17 n-Tricontane (C30)

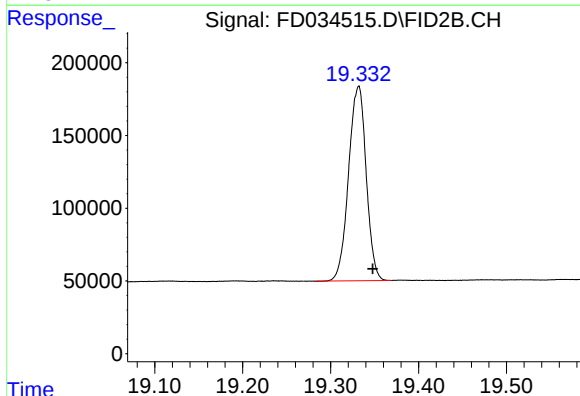
R.T.: 17.724 min
Delta R.T.: -0.019 min
Response: 2133279
Conc: 17.15 ug/ml

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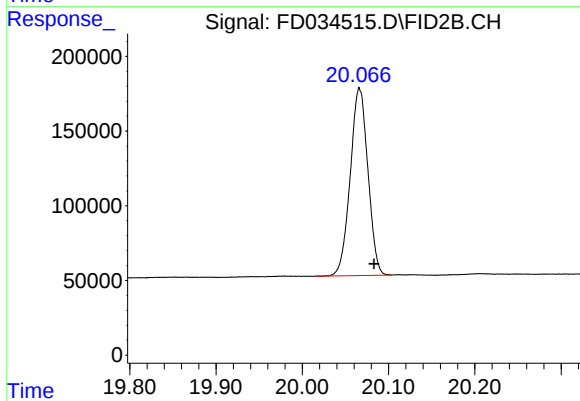
#18 n-Dotriacontane (C32)

R.T.: 18.551 min
Delta R.T.: -0.018 min
Response: 1975750
Conc: 17.16 ug/ml



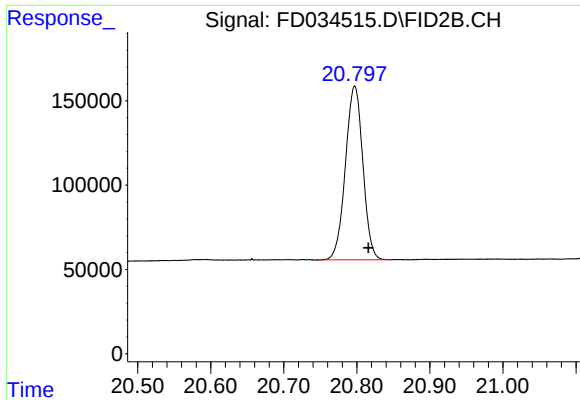
#19 n-Tetratriacontane (C34)

R.T.: 19.332 min
Delta R.T.: -0.016 min
Response: 1861131
Conc: 17.10 ug/ml



#20 n-Hexatriacontane (C36)

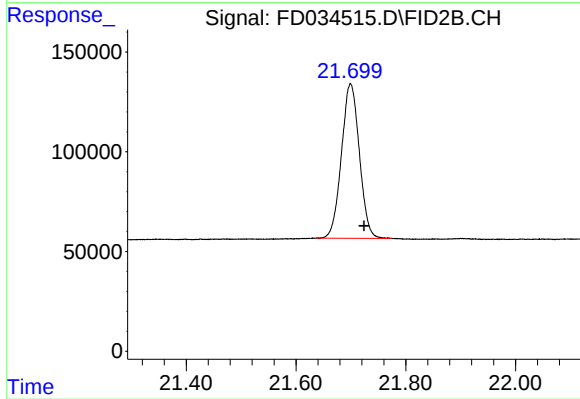
R.T.: 20.066 min
Delta R.T.: -0.017 min
Response: 1786101
Conc: 16.88 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.797 min
Delta R.T.: -0.018 min
Response: 1707903
Conc: 17.76 ug/ml

Instrument :
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#22 n-Tetracontane (C40)

R.T.: 21.699 min
Delta R.T.: -0.025 min
Response: 1755106
Conc: 18.19 ug/ml