

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD010721AL\
 Data File : FD035952.D
 Signal(s) : FID2B.CH
 Acq On : 07 Jan 2021 20:44
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 56 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: Jan 08 02:03:00 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Alaphatic EPH 122120.M
 Quant Title : GC Extractables
 QLast Update : Tue Dec 22 01:48:46 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)	11.476	2603302	19.696 ug/ml
Spiked Amount 50.000		Recovery =	39.39%
12) S 1-chlorooctadecane (S...	12.908	2059917	19.467 ug/ml
Spiked Amount 50.000		Recovery =	38.93%
Target Compounds			
1) T n-Nonane (C9)	3.281	2376619	20.946 ug/ml
2) T n-Decane (C10)	4.340	2399687	21.014 ug/ml
3) T A~Naphthalene (C11.7)	5.918	2501029	20.582 ug/ml
4) T n-Dodecane (C12)	6.347	2488490	21.034 ug/ml
5) T A~2-methylnaphthalene...	6.970	2531019	20.512 ug/ml
6) T n-Tetradecane (C14)	8.133	2476809	20.801 ug/ml
7) T n-Hexadecane (C16)	9.728	2411813	20.590 ug/ml
8) T n-Octadecane (C18)	11.163	2491151	20.168 ug/ml
10) T n-Eicosane (C20)	12.466	2474928	19.765 ug/ml
11) T n-Heneicosane (C21)	13.075	2438567	19.514 ug/ml
13) T n-Docosane (C22)	13.658	2398636	19.284 ug/ml
14) T n-Tetracosane (C24)	14.755	2333844	18.927 ug/ml
15) T n-Hexacosane (C26)	15.771	2250428	18.717 ug/ml
16) T n-Octacosane (C28)	16.717	2182876	18.619 ug/ml
17) T n-Tricontane (C30)	17.599	2127207	18.996 ug/ml
18) T n-Dotriacontane (C32)	18.427	1987882	19.571 ug/ml
19) T n-Tetratriacontane (C34)	19.206	1906662	20.326 ug/ml
20) T n-Hexatriacontane (C36)	19.941	1826204	20.965 ug/ml
21) T n-Octatriacontane (C38)	20.655	1765771	21.387 ug/ml
22) T n-Tetracontane (C40)	21.508	1811263	21.713 ug/ml

(f)=RT Delta > 1/2 Window

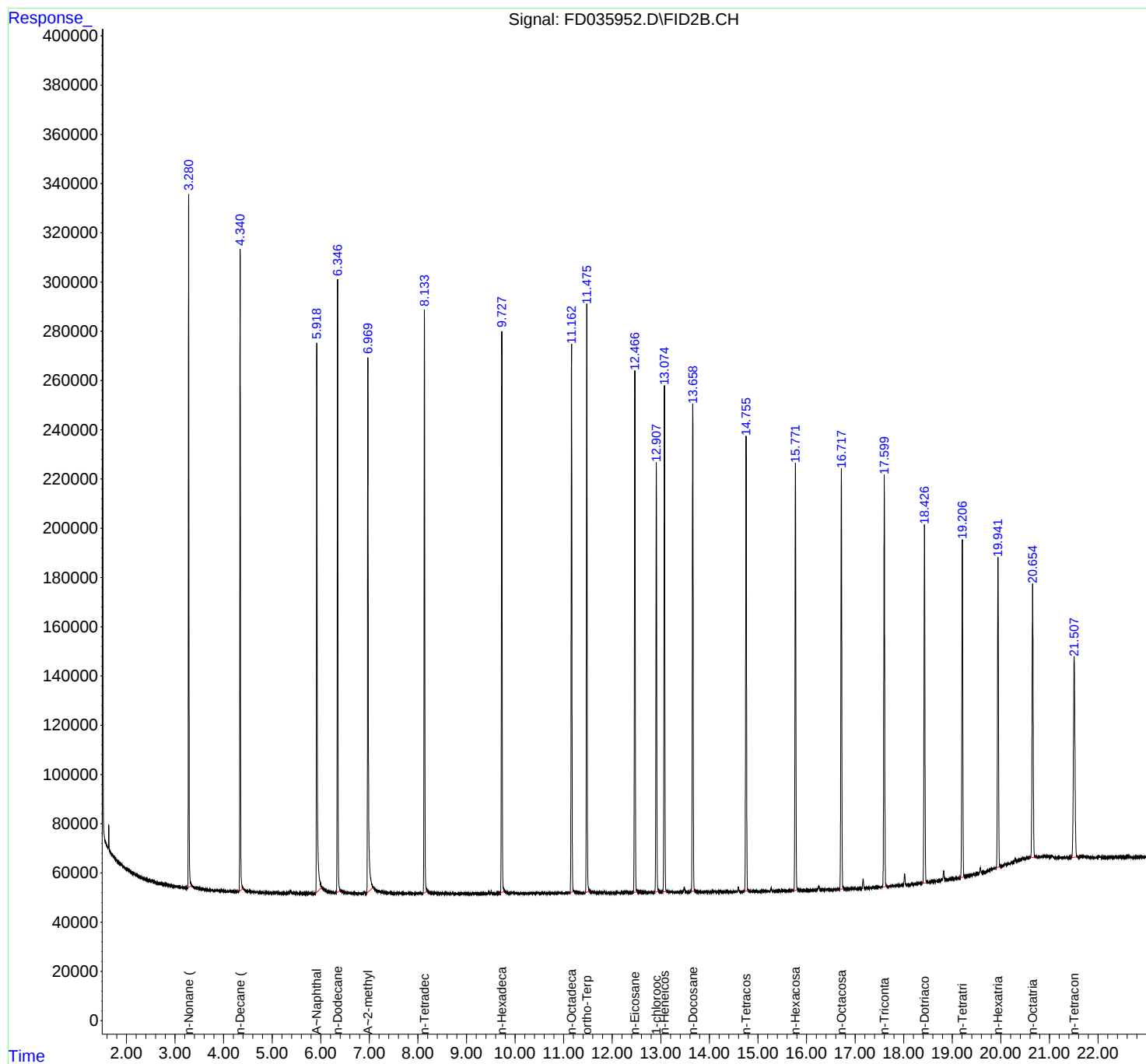
(m)=manual int.

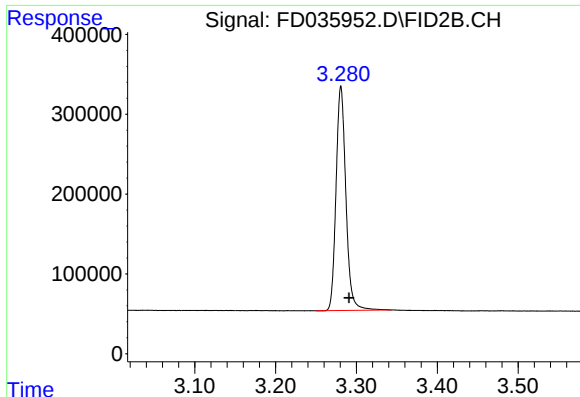
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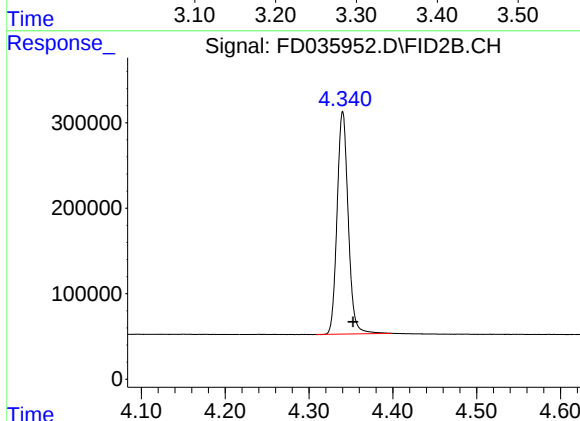




#1 n-Nonane (C9)

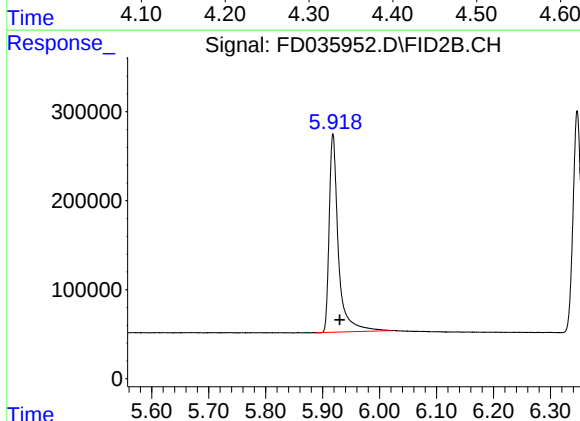
R.T.: 3.281 min
Delta R.T.: -0.010 min
Response: 2376619
Conc: 20.95 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



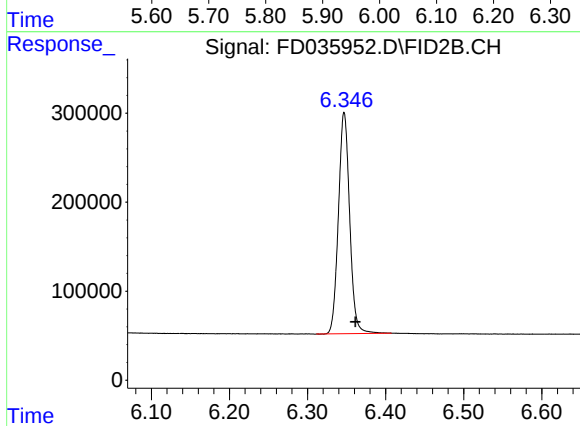
#2 n-Decane (C10)

R.T.: 4.340 min
Delta R.T.: -0.012 min
Response: 2399687
Conc: 21.01 ug/ml



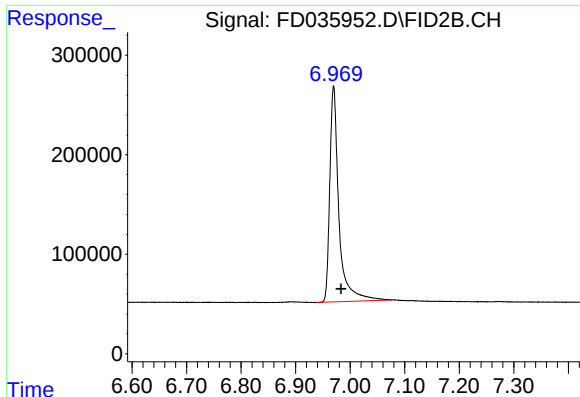
#3 A~Naphthalene (C11.7)

R.T.: 5.918 min
Delta R.T.: -0.012 min
Response: 2501029
Conc: 20.58 ug/ml



#4 n-Dodecane (C12)

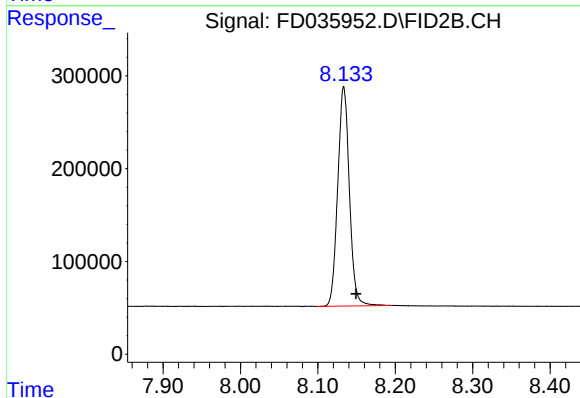
R.T.: 6.347 min
Delta R.T.: -0.015 min
Response: 2488490
Conc: 21.03 ug/ml



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

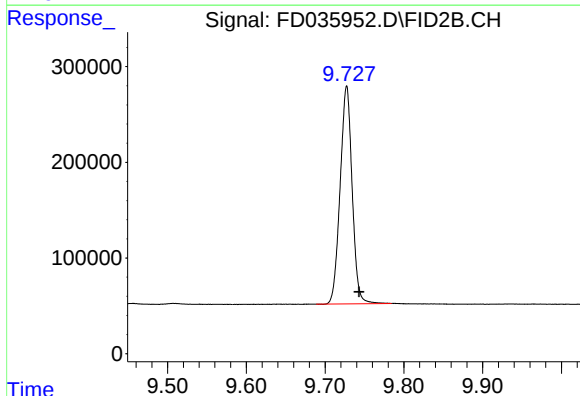
R.T.: 6.970 min
Delta R.T.: -0.014 min
Response: 2531019
Conc: 20.51 ug/ml

Instrument :
FID_D
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20 PPM ALIPHATIC HC STD



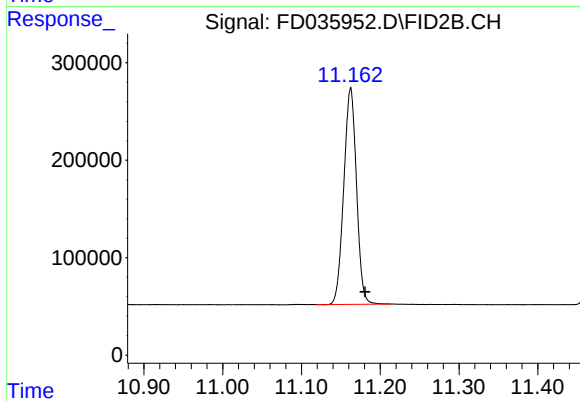
#6 n-Tetradecane (C14)

R.T.: 8.133 min
Delta R.T.: -0.016 min
Response: 2476809
Conc: 20.80 ug/ml



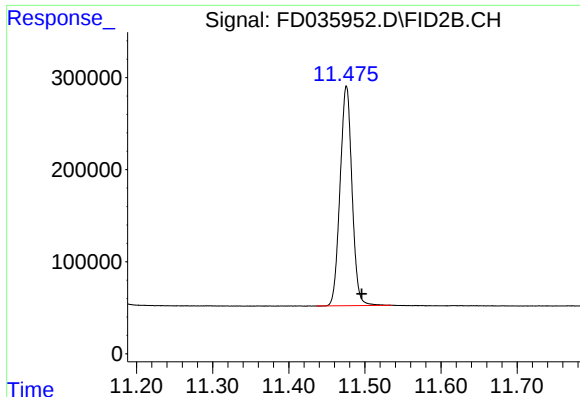
#7 n-Hexadecane (C16)

R.T.: 9.728 min
Delta R.T.: -0.016 min
Response: 2411813
Conc: 20.59 ug/ml



#8 n-Octadecane (C18)

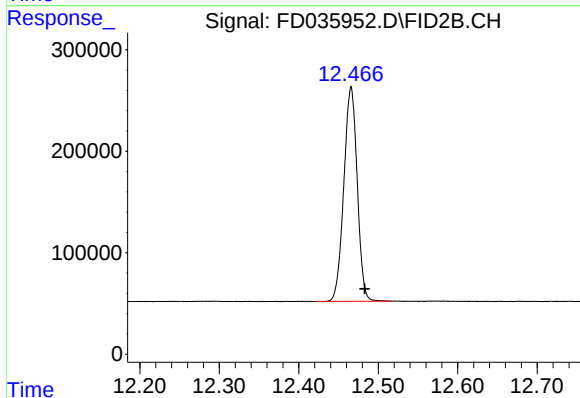
R.T.: 11.163 min
Delta R.T.: -0.018 min
Response: 2491151
Conc: 20.17 ug/ml



#9 ortho-Terphenyl (SURR)

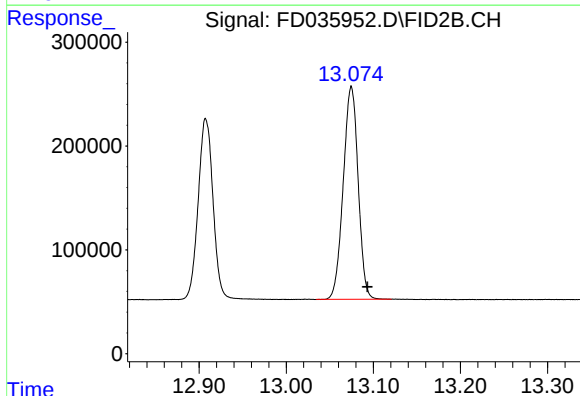
R.T.: 11.476 min
Delta R.T.: -0.020 min
Response: 2603302
Conc: 19.70 ug/ml

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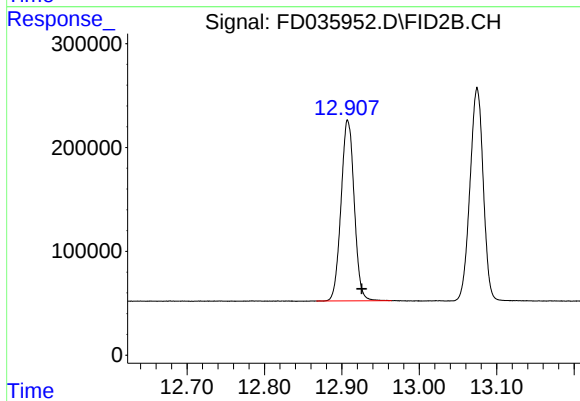
#10 n-Eicosane (C20)

R.T.: 12.466 min
Delta R.T.: -0.017 min
Response: 2474928
Conc: 19.77 ug/ml



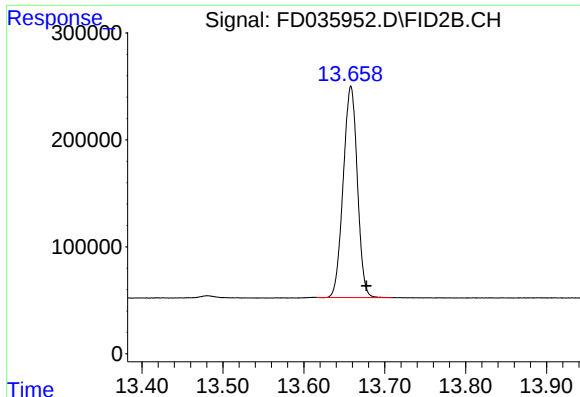
#11 n-Heneicosane (C21)

R.T.: 13.075 min
Delta R.T.: -0.019 min
Response: 2438567
Conc: 19.51 ug/ml



#12 1-chlorooctadecane (SURR)

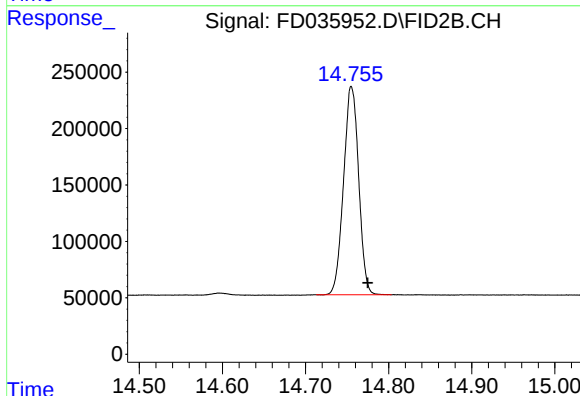
R.T.: 12.908 min
Delta R.T.: -0.018 min
Response: 2059917
Conc: 19.47 ug/ml



#13 n-Docosane (C22)

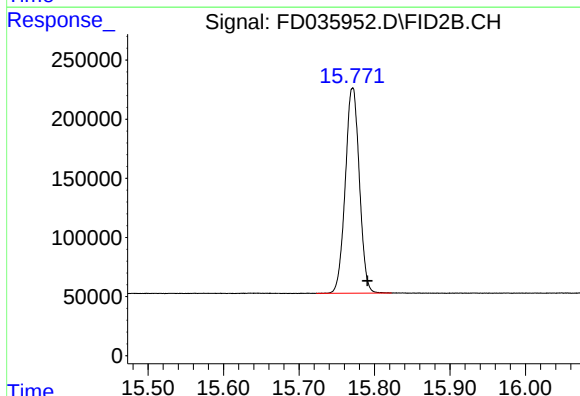
R.T.: 13.658 min
Delta R.T.: -0.019 min
Response: 2398636
Conc: 19.28 ug/ml

Instrument :
FID_D
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20 PPM ALIPHATIC HC STD



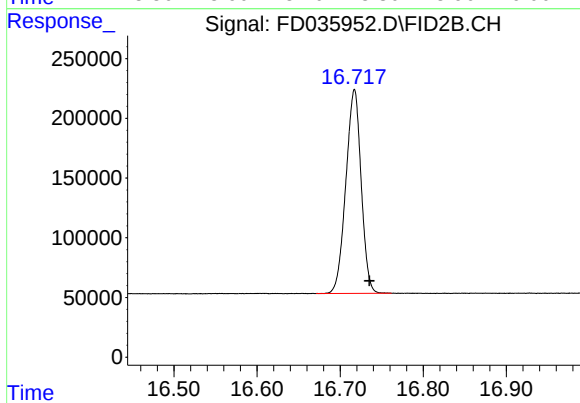
#14 n-Tetracosane (C24)

R.T.: 14.755 min
Delta R.T.: -0.020 min
Response: 2333844
Conc: 18.93 ug/ml



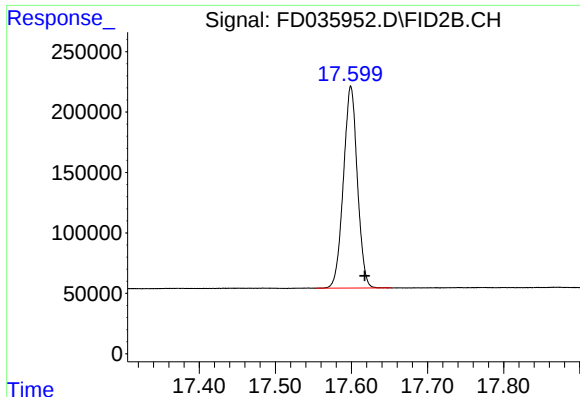
#15 n-Hexacosane (C26)

R.T.: 15.771 min
Delta R.T.: -0.020 min
Response: 2250428
Conc: 18.72 ug/ml



#16 n-Octacosane (C28)

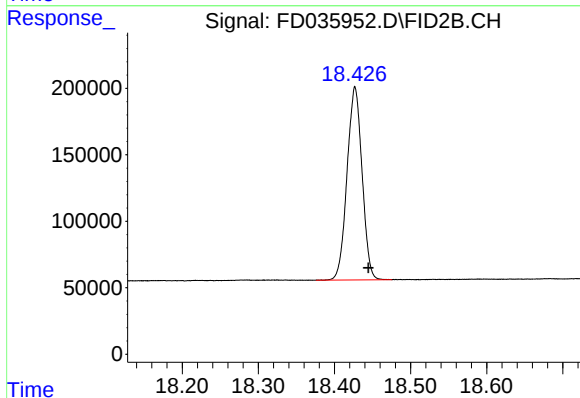
R.T.: 16.717 min
Delta R.T.: -0.018 min
Response: 2182876
Conc: 18.62 ug/ml



#17 n-Tricontane (C30)

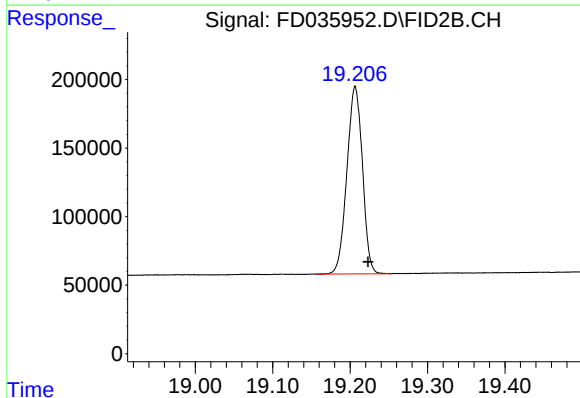
R.T.: 17.599 min
Delta R.T.: -0.018 min
Response: 2127207
Conc: 19.00 ug/ml

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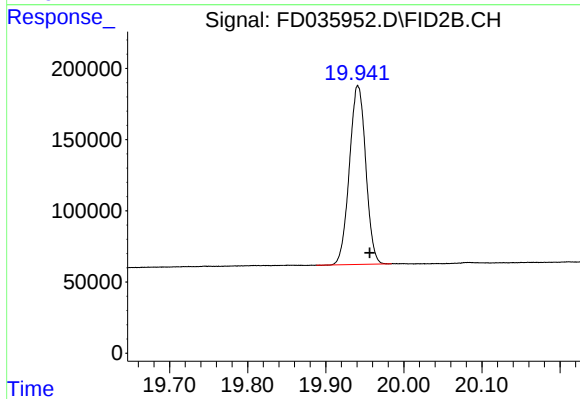
#18 n-Dotriacontane (C32)

R.T.: 18.427 min
Delta R.T.: -0.018 min
Response: 1987882
Conc: 19.57 ug/ml



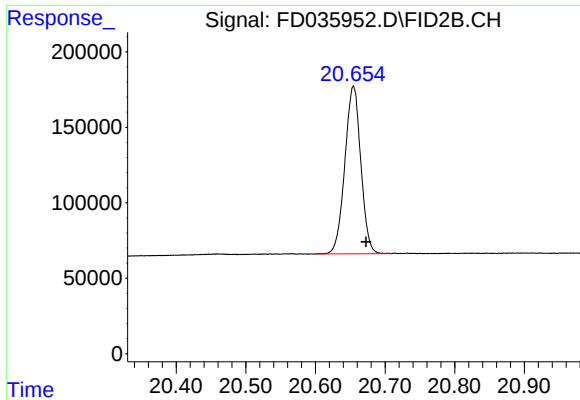
#19 n-Tetratriacontane (C34)

R.T.: 19.206 min
Delta R.T.: -0.017 min
Response: 1906662
Conc: 20.33 ug/ml



#20 n-Hexatriacontane (C36)

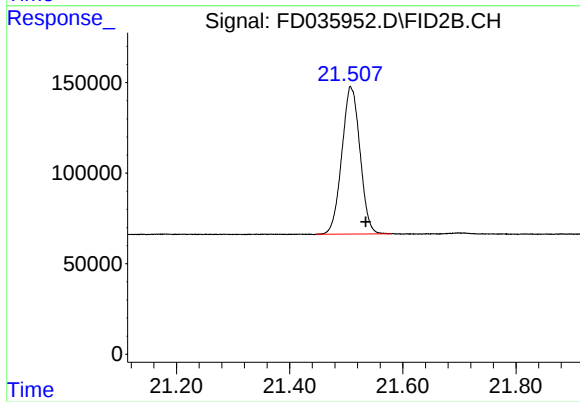
R.T.: 19.941 min
Delta R.T.: -0.015 min
Response: 1826204
Conc: 20.97 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.655 min
Delta R.T.: -0.018 min
Response: 1765771
Conc: 21.39 ug/ml

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20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 21.508 min
Delta R.T.: -0.027 min
Response: 1811263
Conc: 21.71 ug/ml