

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD102920AL\
 Data File : FD035233.D
 Signal(s) : FID2B.CH
 Acq On : 30 Oct 2020 9:40
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 69 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: Oct 30 14:54:26 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Alaphatic EPH 102220.M
 Quant Title : GC Extractables
 QLast Update : Fri Oct 23 03:14:17 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)	11.546	2790010	21.514 ug/ml
Spiked Amount 50.000		Recovery =	43.03%
12) S 1-chlorooctadecane (S...	12.978	2209581	21.351 ug/ml
Spiked Amount 50.000		Recovery =	42.70%
Target Compounds			
1) T n-Nonane (C9)	3.336	2421838	21.497 ug/ml
2) T n-Decane (C10)	4.400	2446589	21.615 ug/ml
3) T A~Naphthalene (C11.7)	5.979	2665601	21.571 ug/ml
4) T n-Dodecane (C12)	6.410	2512064	21.761 ug/ml
5) T A~2-methylnaphthalene...	7.032	2725764	21.702 ug/ml
6) T n-Tetradecane (C14)	8.199	2529257	22.066 ug/ml
7) T n-Hexadecane (C16)	9.794	2500782	21.728 ug/ml
8) T n-Octadecane (C18)	11.231	2617944	21.644 ug/ml
10) T n-Eicosane (C20)	12.535	2628785	21.449 ug/ml
11) T n-Heneicosane (C21)	13.145	2611604	21.324 ug/ml
13) T n-Docosane (C22)	13.729	2593849	21.218 ug/ml
14) T n-Tetracosane (C24)	14.825	2547840	21.011 ug/ml
15) T n-Hexacosane (C26)	15.843	2456787	20.761 ug/ml
16) T n-Octacosane (C28)	16.788	2375746	20.536 ug/ml
17) T n-Tricontane (C30)	17.671	2277380	20.608 ug/ml
18) T n-Dotriacontane (C32)	18.498	2075355	20.660 ug/ml
19) T n-Tetratriacontane (C34)	19.278	1912928	20.808 ug/ml
20) T n-Hexatriacontane (C36)	20.013	1768726	21.102 ug/ml
21) T n-Octatriacontane (C38)	20.735	1676049	21.234 ug/ml
22) T n-Tetracontane (C40)	21.617	1703942	20.954 ug/ml

(f)=RT Delta > 1/2 Window

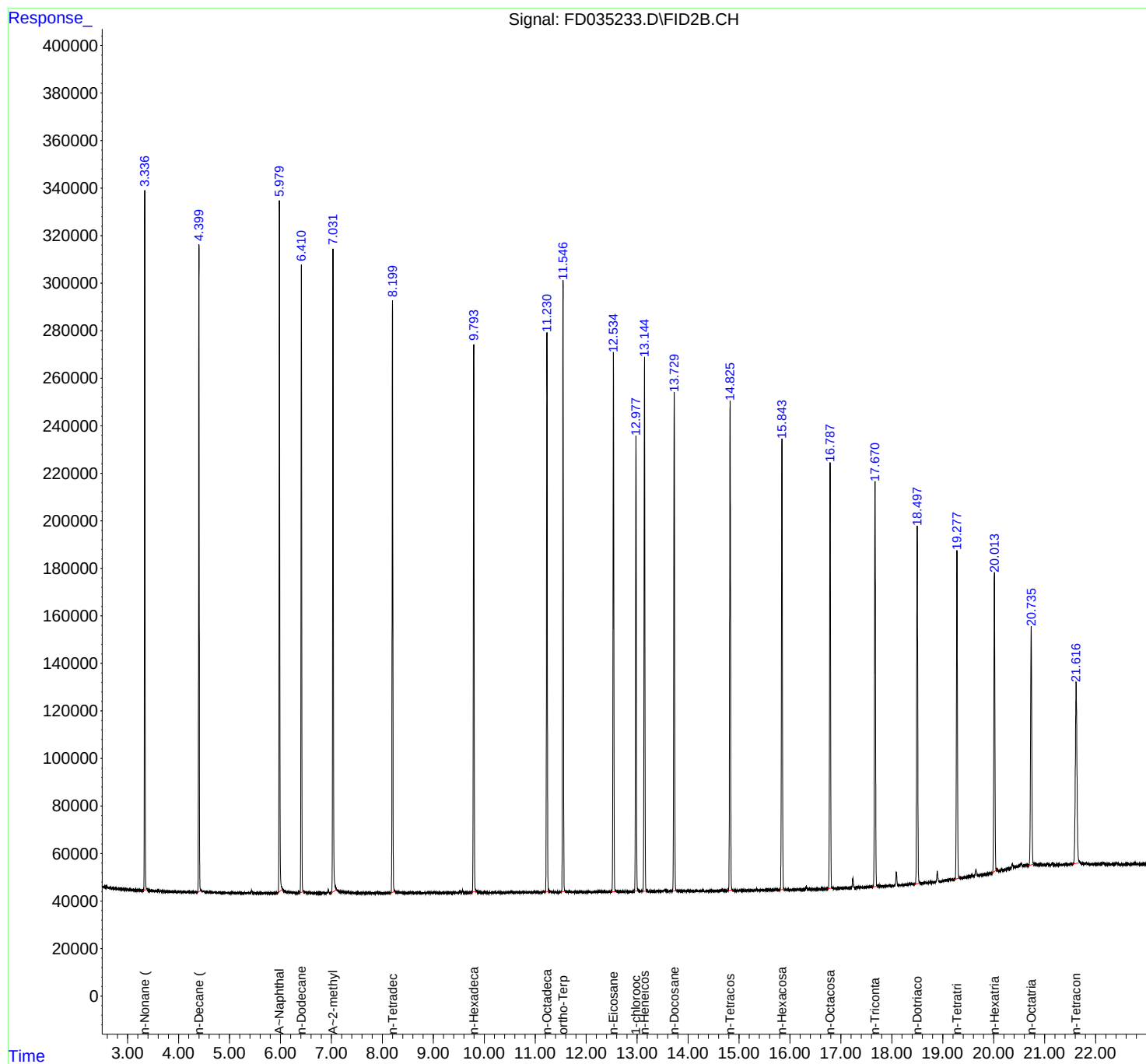
(m)=manual int.

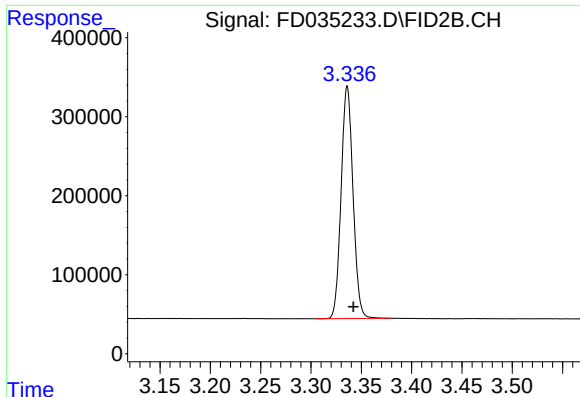
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD102920AL\
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20 PPM ALIPHATIC HC STD

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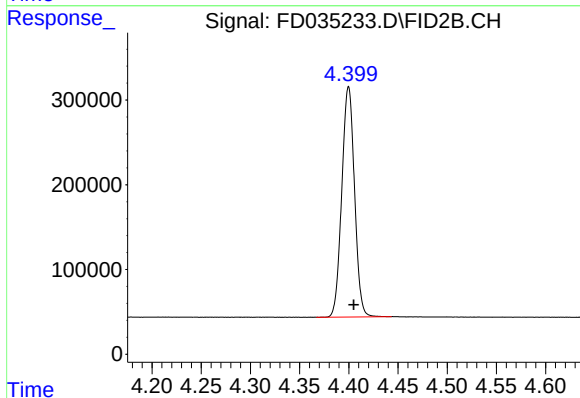




#1 n-Nonane (C9)

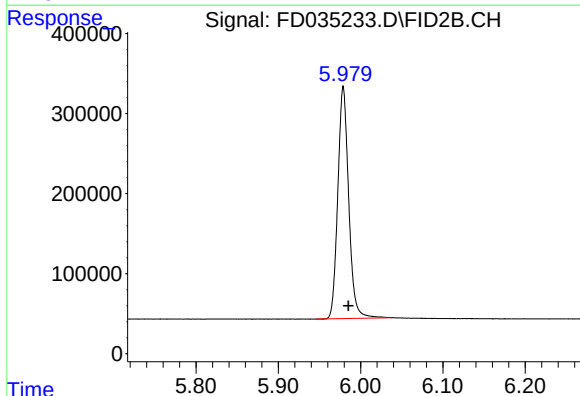
R.T.: 3.336 min
Delta R.T.: -0.006 min
Response: 2421838
Conc: 21.50 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM ALIPHATIC HC STD



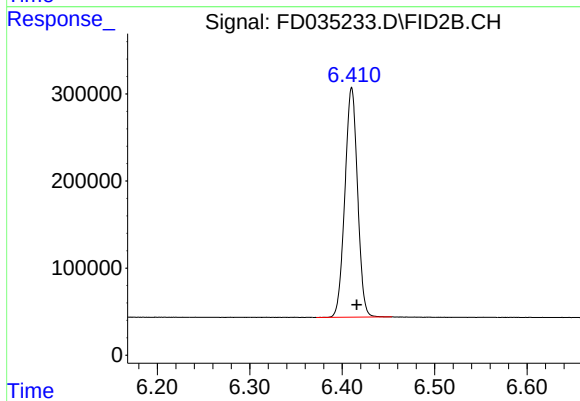
#2 n-Decane (C10)

R.T.: 4.400 min
Delta R.T.: -0.005 min
Response: 2446589
Conc: 21.61 ug/ml



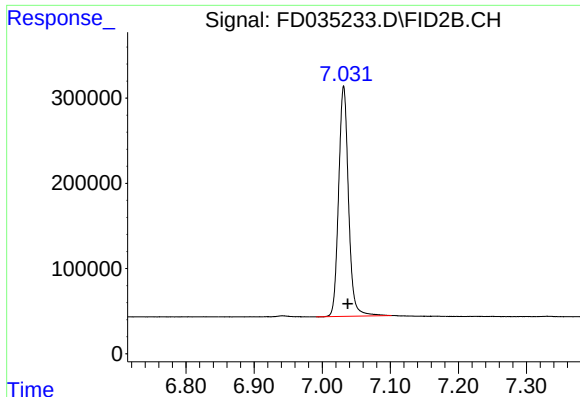
#3 A~Naphthalene (C11.7)

R.T.: 5.979 min
Delta R.T.: -0.006 min
Response: 2665601
Conc: 21.57 ug/ml



#4 n-Dodecane (C12)

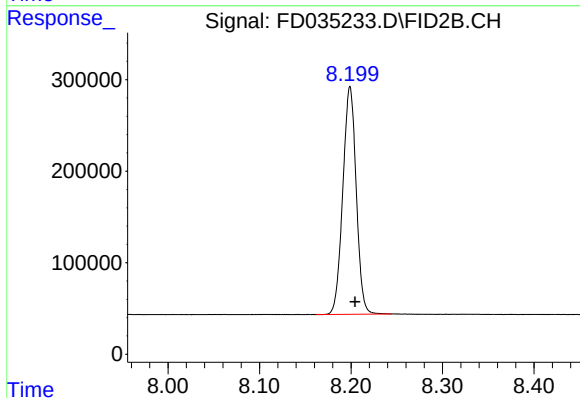
R.T.: 6.410 min
Delta R.T.: -0.005 min
Response: 2512064
Conc: 21.76 ug/ml



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

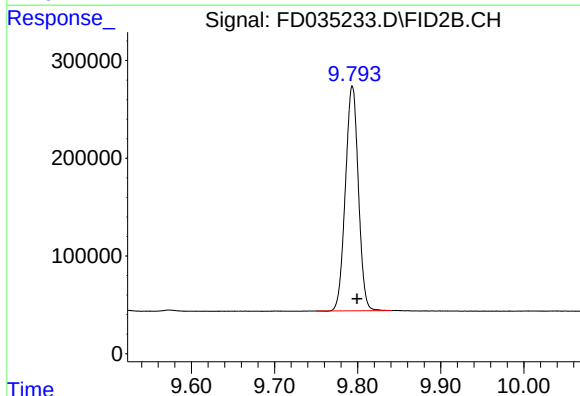
R.T.: 7.032 min
Delta R.T.: -0.006 min
Response: 2725764
Conc: 21.70 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM ALIPHATIC HC STD



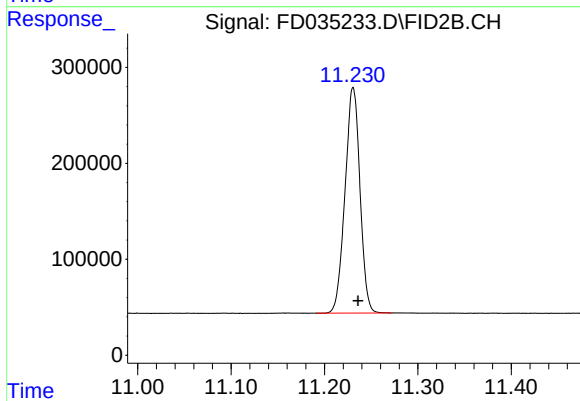
#6 n-Tetradecane (C14)

R.T.: 8.199 min
Delta R.T.: -0.006 min
Response: 2529257
Conc: 22.07 ug/ml



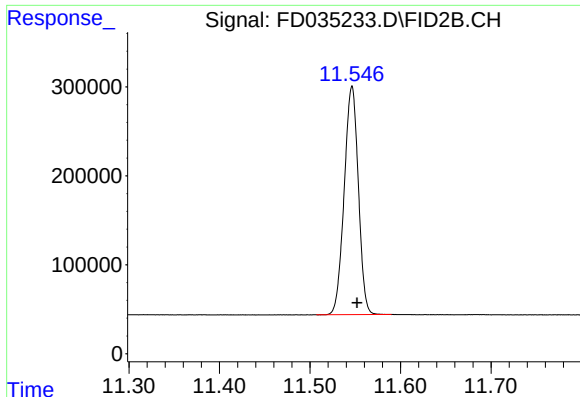
#7 n-Hexadecane (C16)

R.T.: 9.794 min
Delta R.T.: -0.006 min
Response: 2500782
Conc: 21.73 ug/ml



#8 n-Octadecane (C18)

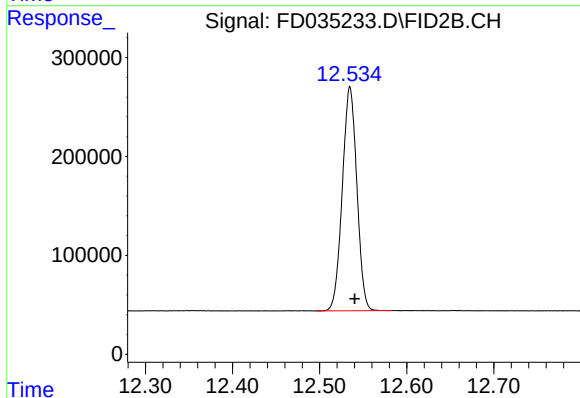
R.T.: 11.231 min
Delta R.T.: -0.005 min
Response: 2617944
Conc: 21.64 ug/ml



#9 ortho-Terphenyl (SURR)

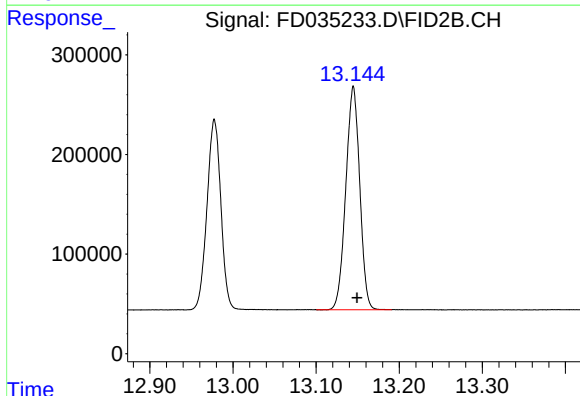
R.T.: 11.546 min
Delta R.T.: -0.006 min
Response: 2790010
Conc: 21.51 ug/ml

Instrument :
FID_D
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20 PPM ALIPHATIC HC STD



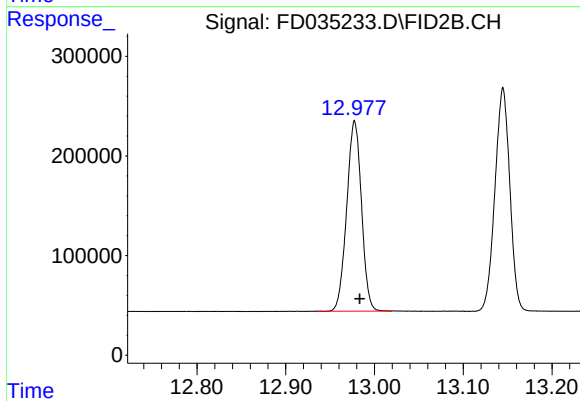
#10 n-Eicosane (C20)

R.T.: 12.535 min
Delta R.T.: -0.006 min
Response: 2628785
Conc: 21.45 ug/ml



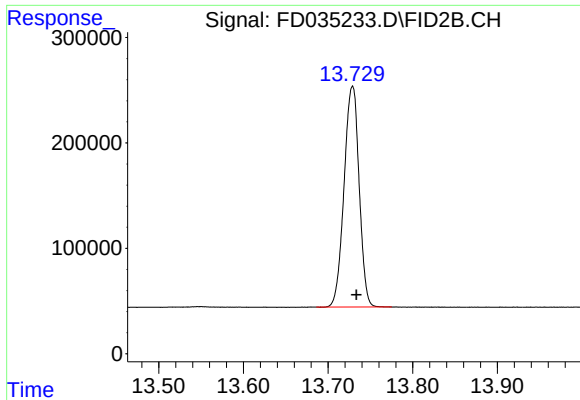
#11 n-Heneicosane (C21)

R.T.: 13.145 min
Delta R.T.: -0.005 min
Response: 2611604
Conc: 21.32 ug/ml



#12 1-chlorooctadecane (SURR)

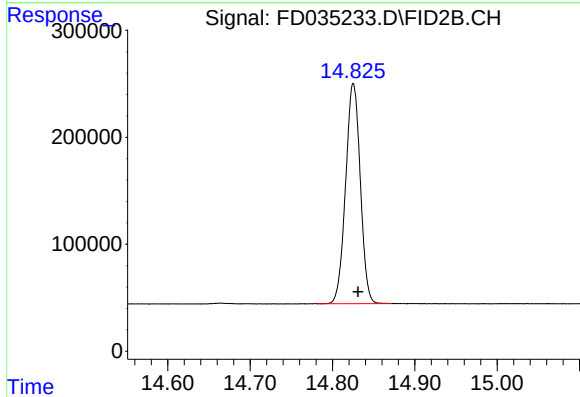
R.T.: 12.978 min
Delta R.T.: -0.006 min
Response: 2209581
Conc: 21.35 ug/ml



#13 n-Docosane (C22)

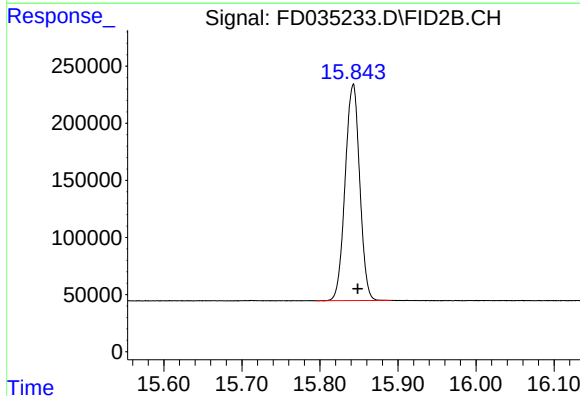
R.T.: 13.729 min
Delta R.T.: -0.004 min
Response: 2593849
Conc: 21.22 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM ALIPHATIC HC STD



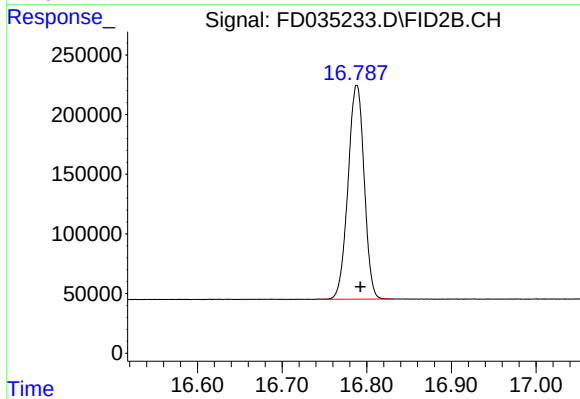
#14 n-Tetracosane (C24)

R.T.: 14.825 min
Delta R.T.: -0.006 min
Response: 2547840
Conc: 21.01 ug/ml



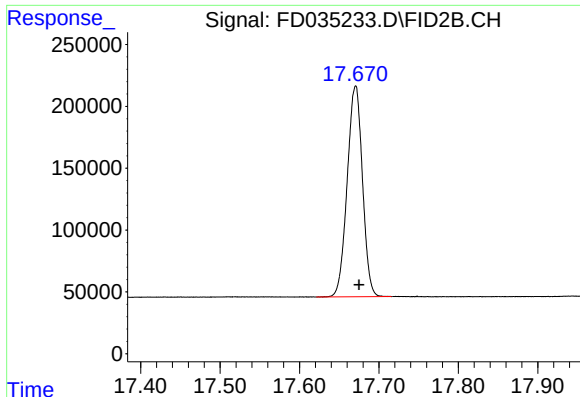
#15 n-Hexacosane (C26)

R.T.: 15.843 min
Delta R.T.: -0.006 min
Response: 2456787
Conc: 20.76 ug/ml



#16 n-Octacosane (C28)

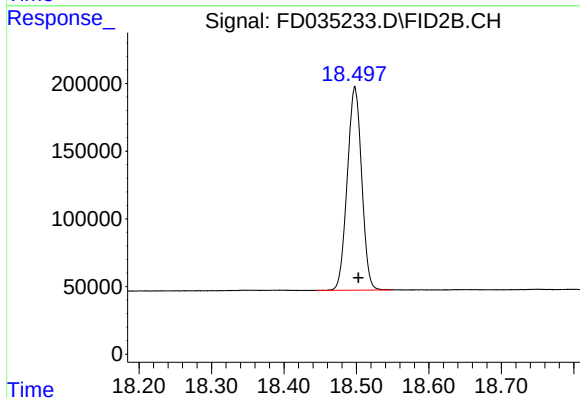
R.T.: 16.788 min
Delta R.T.: -0.004 min
Response: 2375746
Conc: 20.54 ug/ml



#17 n-Tricontane (C30)

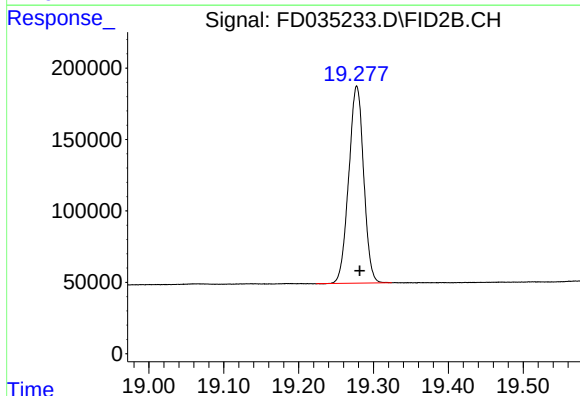
R.T.: 17.671 min
Delta R.T.: -0.004 min
Response: 2277380
Conc: 20.61 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



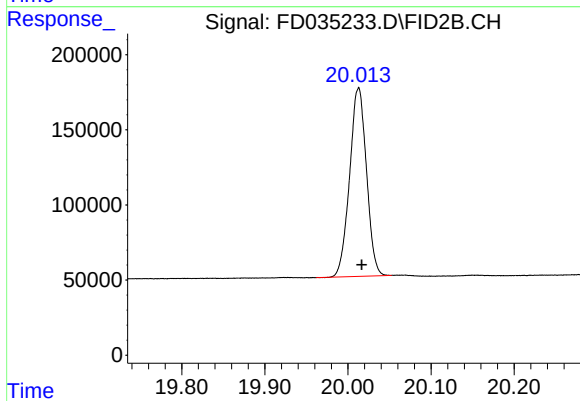
#18 n-Dotriacontane (C32)

R.T.: 18.498 min
Delta R.T.: -0.005 min
Response: 2075355
Conc: 20.66 ug/ml



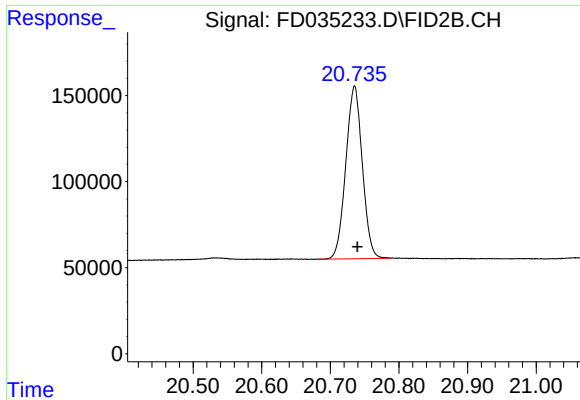
#19 n-Tetratriacontane (C34)

R.T.: 19.278 min
Delta R.T.: -0.004 min
Response: 1912928
Conc: 20.81 ug/ml



#20 n-Hexatriacontane (C36)

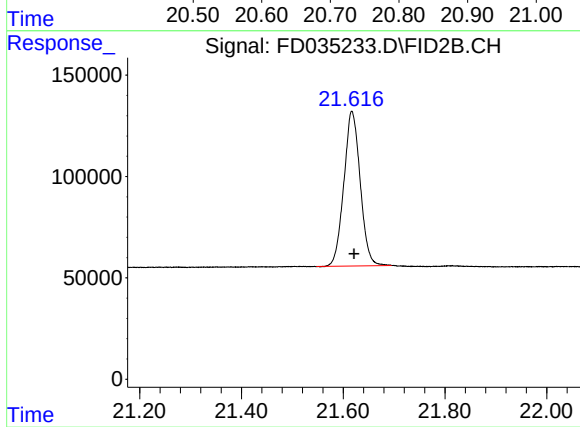
R.T.: 20.013 min
Delta R.T.: -0.004 min
Response: 1768726
Conc: 21.10 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.735 min
Delta R.T.: -0.004 min
Response: 1676049
Conc: 21.23 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.617 min
Delta R.T.: -0.005 min
Response: 1703942
Conc: 20.95 ug/ml