

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD021422AL\
 Data File : FD040999.D
 Signal(s) : FID2B.CH
 Acq On : 14 Feb 2022 10:56
 Operator : YP\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: Feb 14 11:19:42 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 020822.M
 Quant Title : GC Extractables
 QLast Update : Wed Feb 09 03:32:15 2022
 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)	11.232	604406	21.625 ug/ml
Spiked Amount 50.000		Recovery =	43.25%
12) S 1-chlorooctadecane (S...	12.673	462256	22.080 ug/ml
Spiked Amount 50.000		Recovery =	44.16%
Target Compounds			
1) T n-Nonane (C9)	3.079	500357	22.215 ug/ml
2) T n-Decane (C10)	4.137	507176	22.535 ug/ml
3) T A~Naphthalene (C11.7)	5.694	496433	22.340 ug/ml
4) T n-Dodecane (C12)	6.139	517457	22.537 ug/ml
5) T A~2-methylnaphthalene...	6.740	499934	23.273 ug/ml
6) T n-Tetradecane (C14)	7.917	533351	22.649 ug/ml
7) T n-Hexadecane (C16)	9.505	542310	22.557 ug/ml
8) T n-Octadecane (C18)	10.935	561285	22.367 ug/ml
10) T n-Eicosane (C20)	12.236	554242	22.129 ug/ml
11) T n-Heneicosane (C21)	12.843	558298	21.984 ug/ml
13) T n-Docosane (C22)	13.426	550903	22.010 ug/ml
14) T n-Tetracosane (C24)	14.522	556223	22.396 ug/ml
15) T n-Hexacosane (C26)	15.536	551708	22.758 ug/ml
16) T n-Octacosane (C28)	16.481	567561	23.571 ug/ml
17) T n-Tricontane (C30)	17.363	580071	24.344 ug/ml
18) T n-Dotriacontane (C32)	18.191	552624	24.639 ug/ml
19) T n-Tetratriacontane (C34)	18.971	503963	23.386 ug/ml
20) T n-Hexatriacontane (C36)	19.707	458984	23.084 ug/ml
21) T n-Octatriacontane (C38)	20.405	432979	22.854 ug/ml
22) T n-Tetracontane (C40)	21.186	424306	21.921 ug/ml

(f)=RT Delta > 1/2 Window

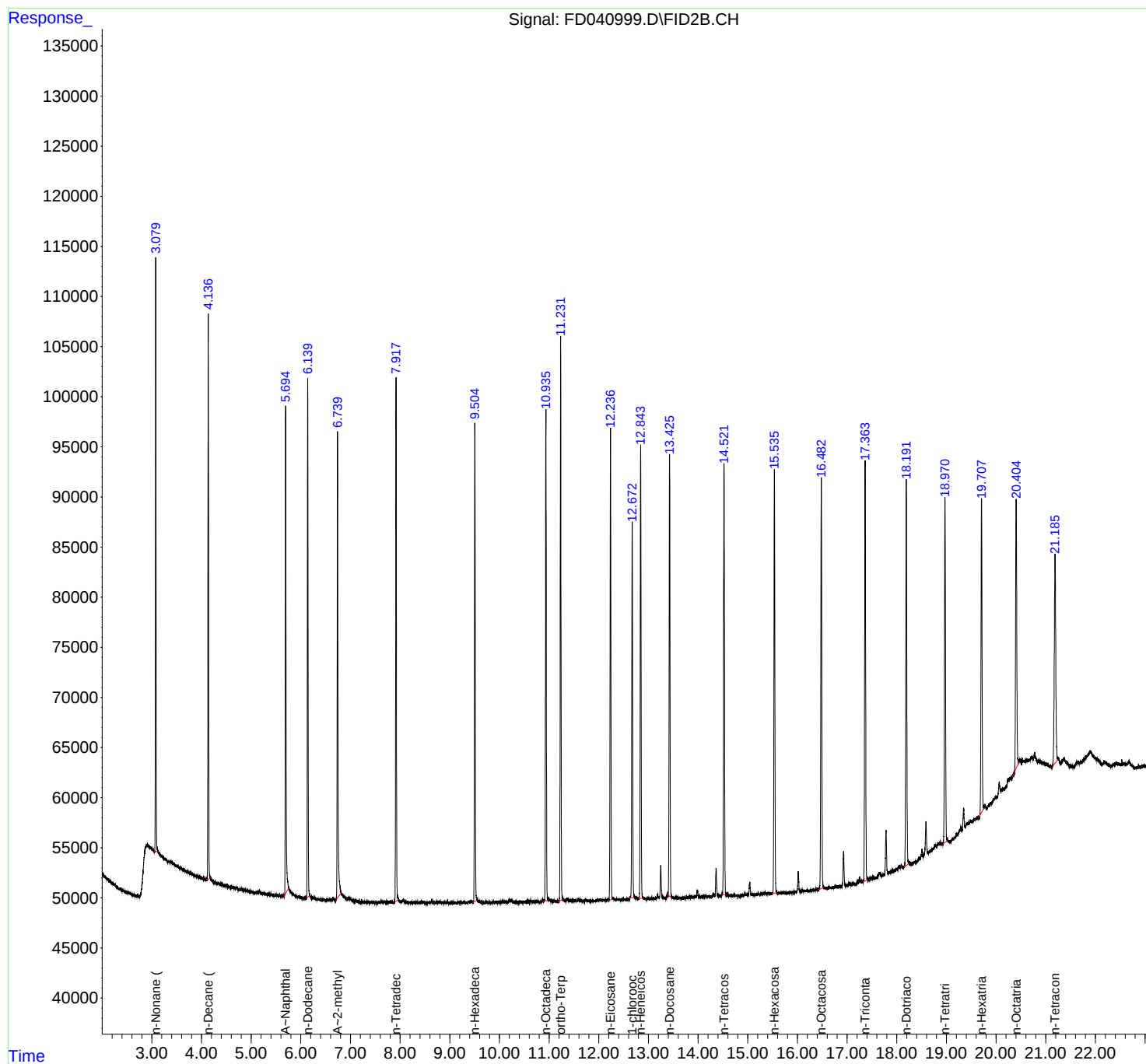
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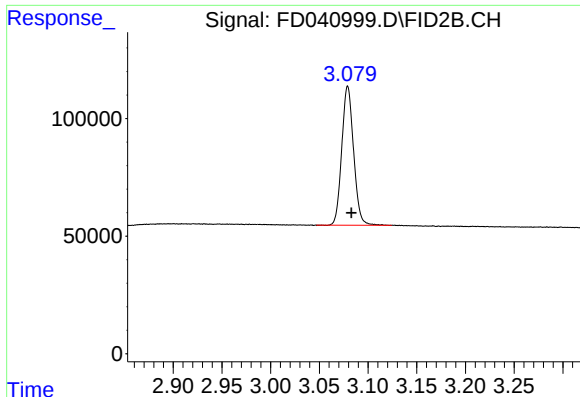
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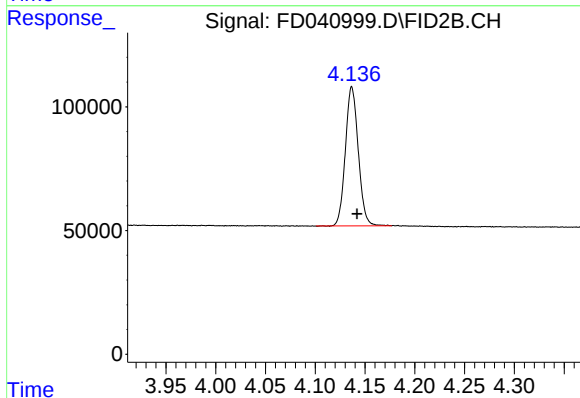




#1 n-Nonane (C9)

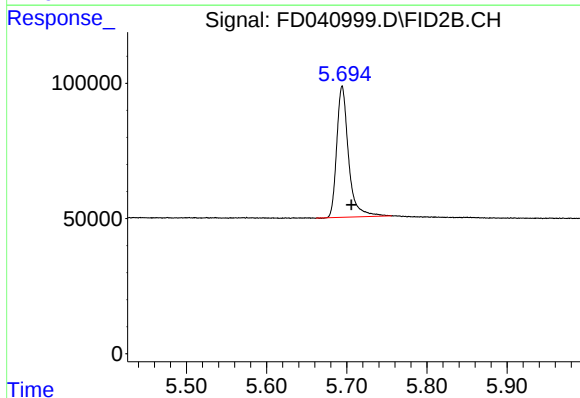
R.T.: 3.079 min
Delta R.T.: -0.004 min
Response: 500357
Conc: 22.22 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM ALIPHATIC HC STD



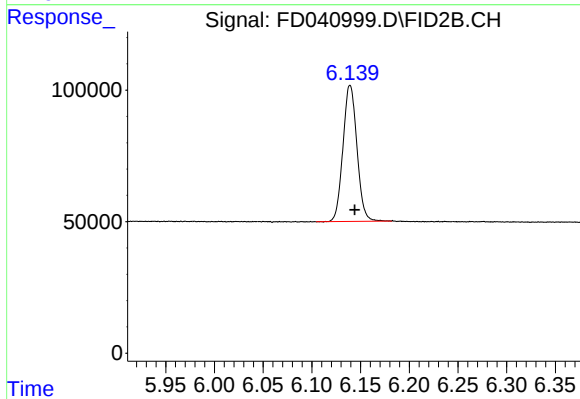
#2 n-Decane (C10)

R.T.: 4.137 min
Delta R.T.: -0.005 min
Response: 507176
Conc: 22.54 ug/ml



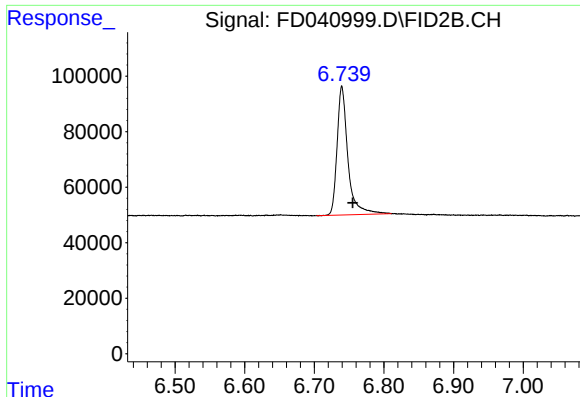
#3 A~Naphthalene (C11.7)

R.T.: 5.694 min
Delta R.T.: -0.011 min
Response: 496433
Conc: 22.34 ug/ml



#4 n-Dodecane (C12)

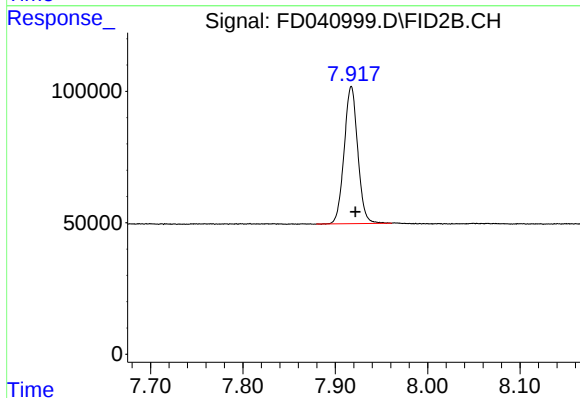
R.T.: 6.139 min
Delta R.T.: -0.005 min
Response: 517457
Conc: 22.54 ug/ml



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

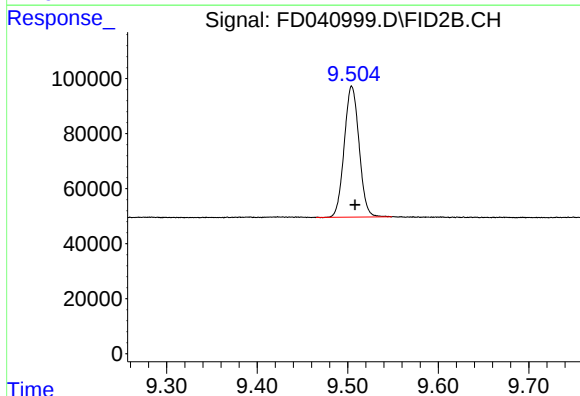
R.T.: 6.740 min
Delta R.T.: -0.015 min
Response: 499934
Conc: 23.27 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM ALIPHATIC HC STD



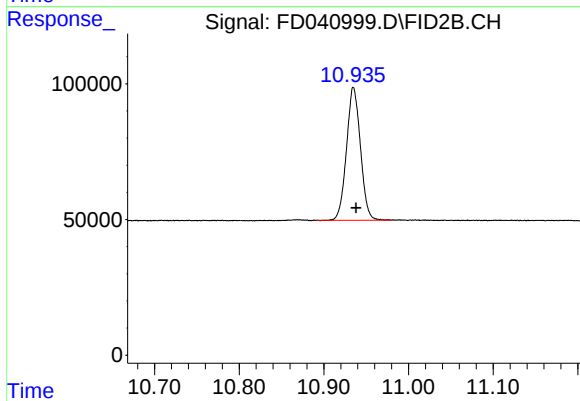
#6 n-Tetradecane (C14)

R.T.: 7.917 min
Delta R.T.: -0.004 min
Response: 533351
Conc: 22.65 ug/ml



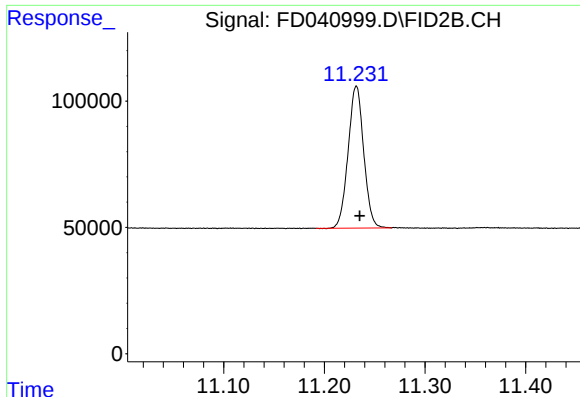
#7 n-Hexadecane (C16)

R.T.: 9.505 min
Delta R.T.: -0.004 min
Response: 542310
Conc: 22.56 ug/ml



#8 n-Octadecane (C18)

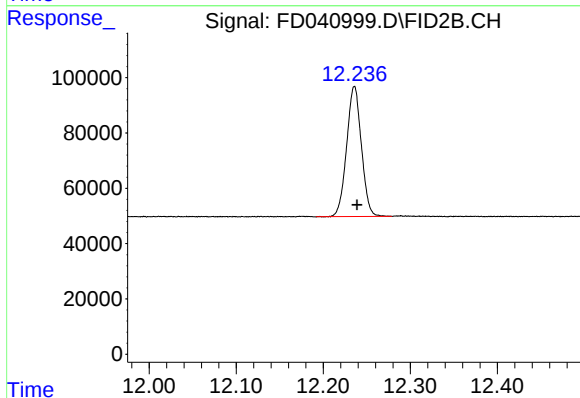
R.T.: 10.935 min
Delta R.T.: -0.003 min
Response: 561285
Conc: 22.37 ug/ml



#9 ortho-Terphenyl (SURR)

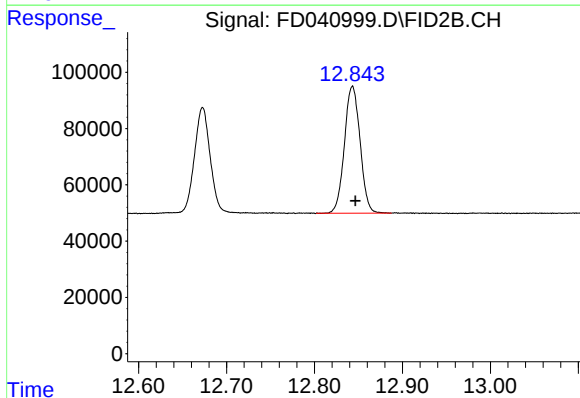
R.T.: 11.232 min
Delta R.T.: -0.003 min
Response: 604406
Conc: 21.62 ug/ml

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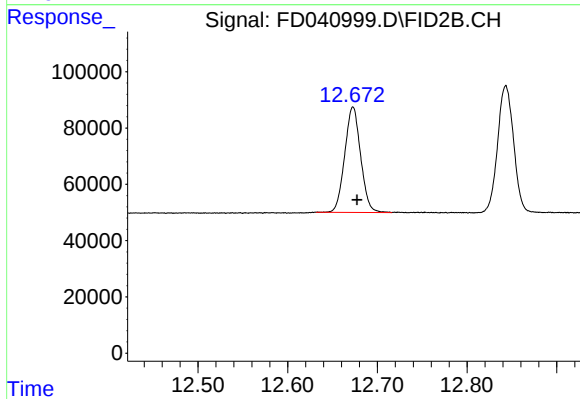
#10 n-Eicosane (C20)

R.T.: 12.236 min
Delta R.T.: -0.003 min
Response: 554242
Conc: 22.13 ug/ml



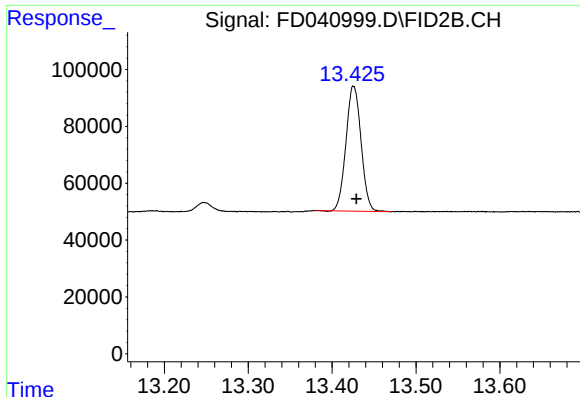
#11 n-Heneicosane (C21)

R.T.: 12.843 min
Delta R.T.: -0.003 min
Response: 558298
Conc: 21.98 ug/ml



#12 1-chlorooctadecane (SURR)

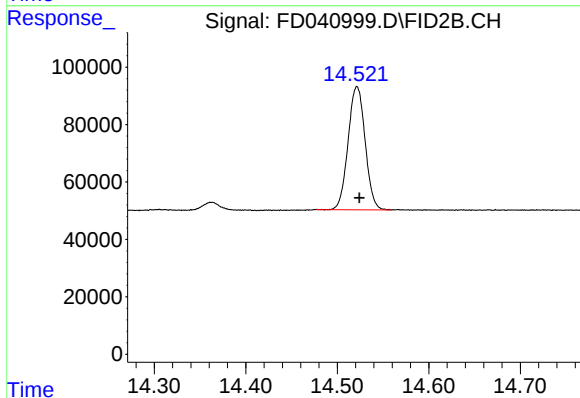
R.T.: 12.673 min
Delta R.T.: -0.004 min
Response: 462256
Conc: 22.08 ug/ml



#13 n-Docosane (C22)

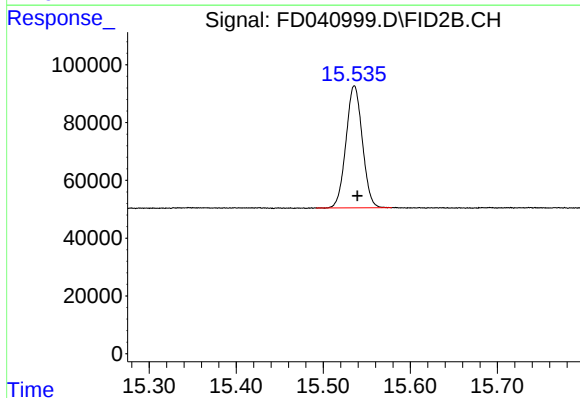
R.T.: 13.426 min
Delta R.T.: -0.003 min
Response: 550903
Conc: 22.01 ug/ml

Instrument :
FID_D
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20 PPM ALIPHATIC HC STD



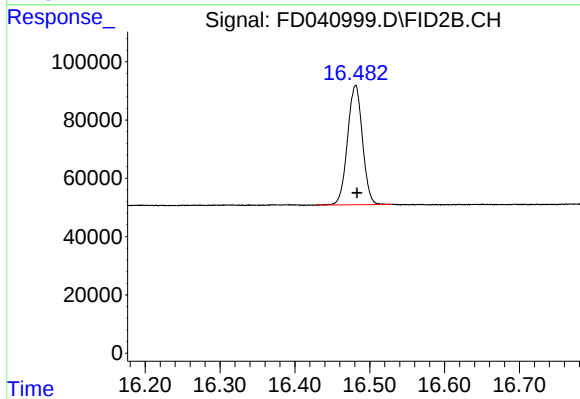
#14 n-Tetracosane (C24)

R.T.: 14.522 min
Delta R.T.: -0.002 min
Response: 556223
Conc: 22.40 ug/ml



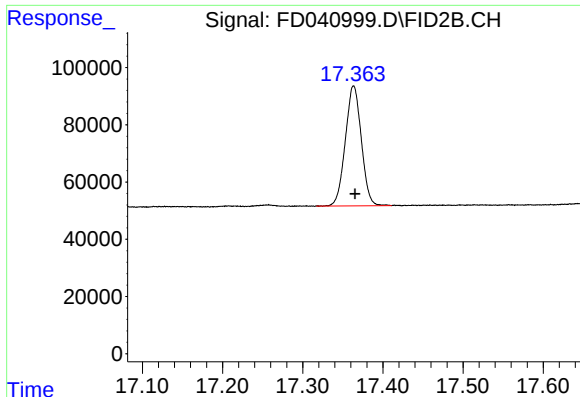
#15 n-Hexacosane (C26)

R.T.: 15.536 min
Delta R.T.: -0.003 min
Response: 551708
Conc: 22.76 ug/ml



#16 n-Octacosane (C28)

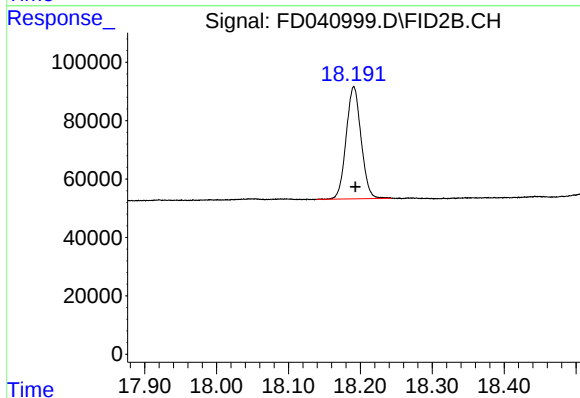
R.T.: 16.481 min
Delta R.T.: -0.002 min
Response: 567561
Conc: 23.57 ug/ml



#17 n-Tricontane (C30)

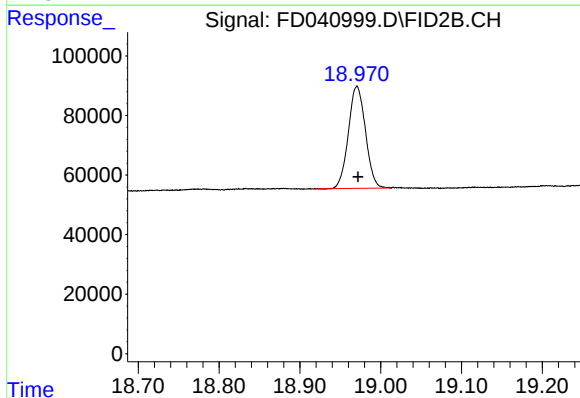
R.T.: 17.363 min
Delta R.T.: -0.002 min
Response: 580071
Conc: 24.34 ug/ml

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20 PPM ALIPHATIC HC STD



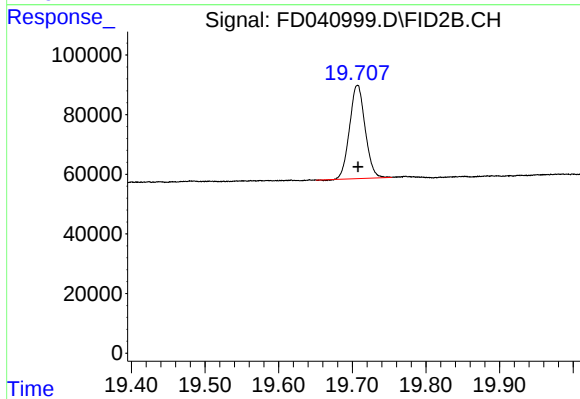
#18 n-Dotriacontane (C32)

R.T.: 18.191 min
Delta R.T.: -0.002 min
Response: 552624
Conc: 24.64 ug/ml



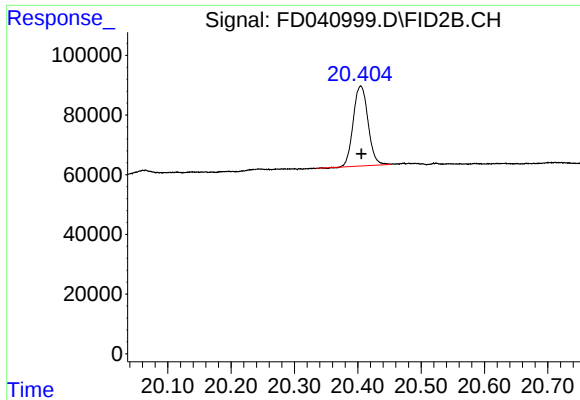
#19 n-Tetratriacontane (C34)

R.T.: 18.971 min
Delta R.T.: -0.002 min
Response: 503963
Conc: 23.39 ug/ml



#20 n-Hexatriacontane (C36)

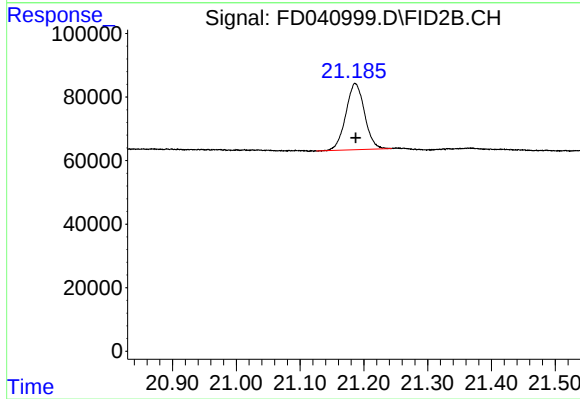
R.T.: 19.707 min
Delta R.T.: -0.001 min
Response: 458984
Conc: 23.08 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.405 min
Delta R.T.: -0.001 min
Response: 432979
Conc: 22.85 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.186 min
Delta R.T.: 0.000 min
Response: 424306
Conc: 21.92 ug/ml