

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD021422AL\
 Data File : FD041014.D
 Signal(s) : FID2B.CH
 Acq On : 14 Feb 2022 21:05
 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 15 01:01:11 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	585220	20.939 ug/ml
Spiked Amount 50.000		Recovery =	41.88%
12) S 1-chlorooctadecane (S...	12.672	443770	21.197 ug/ml
Spiked Amount 50.000		Recovery =	42.39%
Target Compounds			
1) T n-Nonane (C9)	3.081	484257	21.500 ug/ml
2) T n-Decane (C10)	4.139	491896	21.856 ug/ml
3) T A~Naphthalene (C11.7)	5.696	479661	21.586 ug/ml
4) T n-Dodecane (C12)	6.141	495150	21.565 ug/ml
5) T A~2-methylnaphthalene...	6.742	466614	21.722 ug/ml
6) T n-Tetradecane (C14)	7.918	511199	21.708 ug/ml
7) T n-Hexadecane (C16)	9.505	515938	21.460 ug/ml
8) T n-Octadecane (C18)	10.935	536944	21.397 ug/ml
10) T n-Eicosane (C20)	12.235	530842	21.195 ug/ml
11) T n-Heneicosane (C21)	12.843	537420	21.162 ug/ml
13) T n-Docosane (C22)	13.424	544010	21.734 ug/ml
14) T n-Tetracosane (C24)	14.520	539923	21.740 ug/ml
15) T n-Hexacosane (C26)	15.535	539313	22.246 ug/ml
16) T n-Octacosane (C28)	16.480	558251	23.184 ug/ml
17) T n-Tricontane (C30)	17.362	576043	24.175 ug/ml
18) T n-Dotriacontane (C32)	18.190	551761	24.601 ug/ml
19) T n-Tetratriacontane (C34)	18.968	514002	23.852 ug/ml
20) T n-Hexatriacontane (C36)	19.705	465064	23.390 ug/ml
21) T n-Octatriacontane (C38)	20.400	428772	22.632 ug/ml
22) T n-Tetracontane (C40)	21.182	429161	22.172 ug/ml

(f)=RT Delta > 1/2 Window

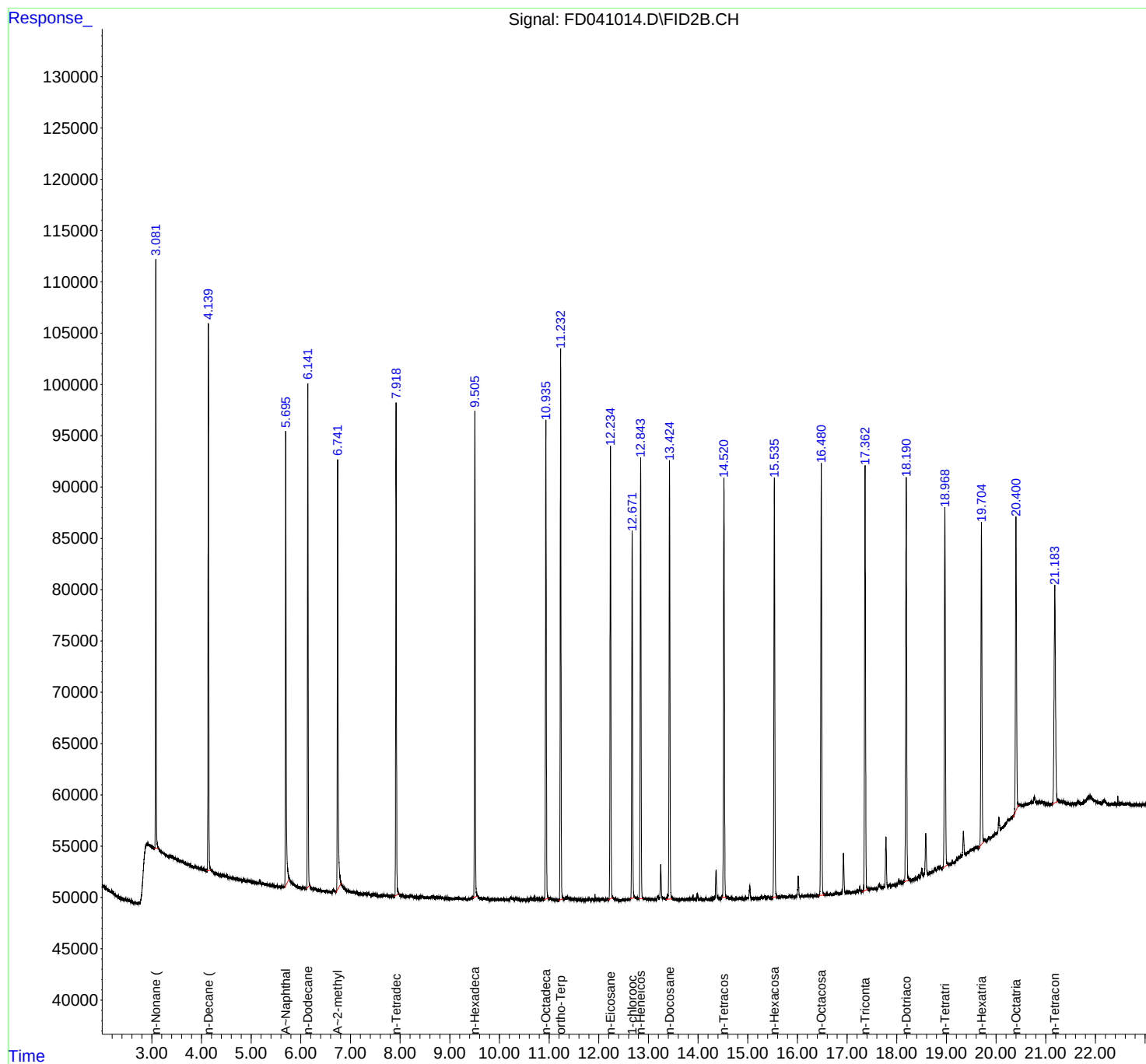
(m)=manual int.

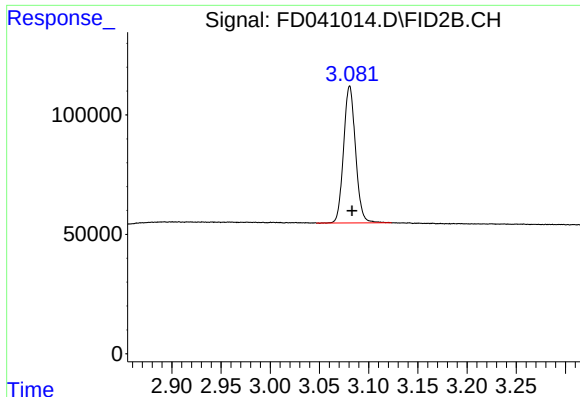
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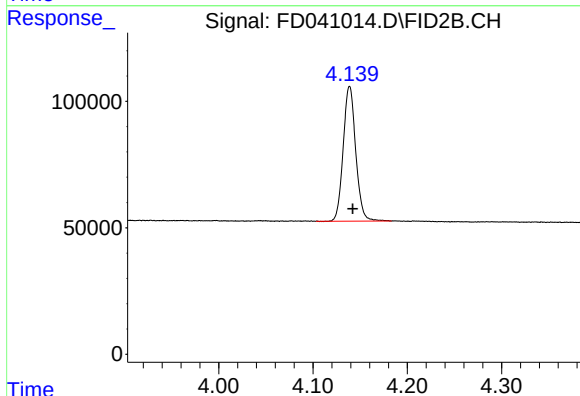




#1 n-Nonane (C9)

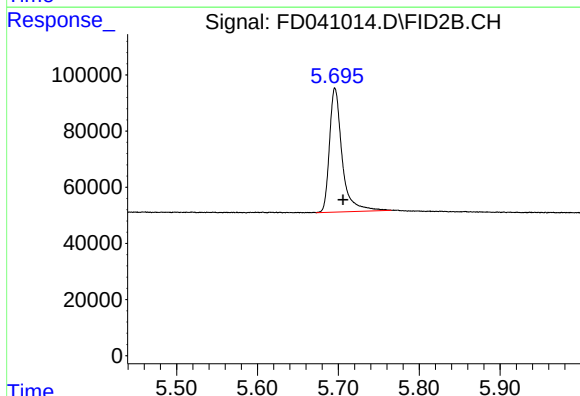
R.T.: 3.081 min
Delta R.T.: -0.002 min
Response: 484257
Conc: 21.50 ug/ml

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20 PPM ALIPHATIC HC STD



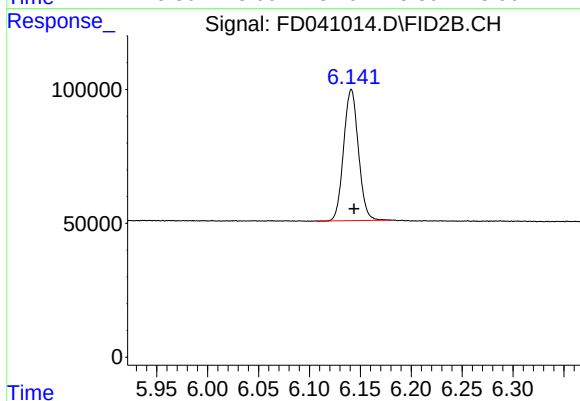
#2 n-Decane (C10)

R.T.: 4.139 min
Delta R.T.: -0.003 min
Response: 491896
Conc: 21.86 ug/ml



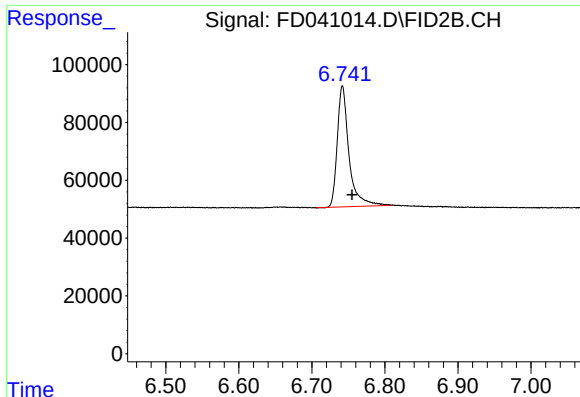
#3 A~Naphthalene (C11.7)

R.T.: 5.696 min
Delta R.T.: -0.010 min
Response: 479661
Conc: 21.59 ug/ml



#4 n-Dodecane (C12)

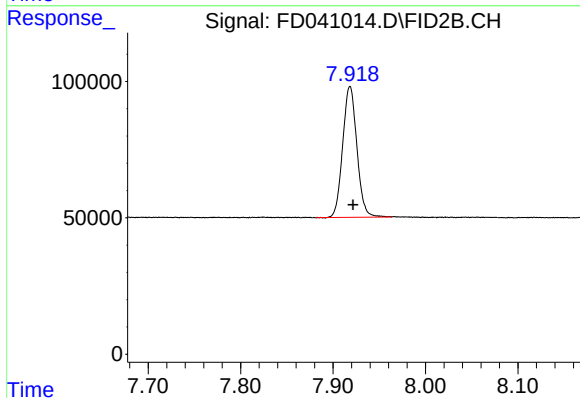
R.T.: 6.141 min
Delta R.T.: -0.003 min
Response: 495150
Conc: 21.57 ug/ml



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

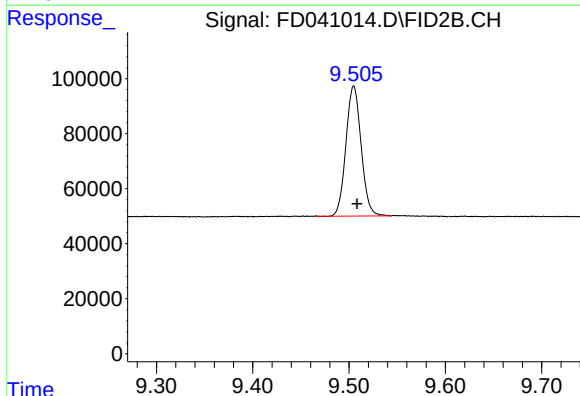
R.T.: 6.742 min
Delta R.T.: -0.013 min
Response: 466614
Conc: 21.72 ug/ml

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20 PPM ALIPHATIC HC STD



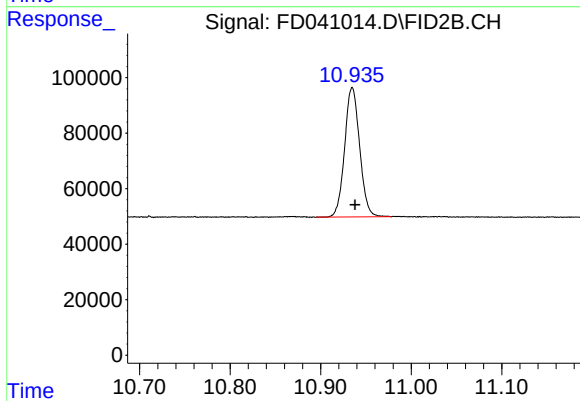
#6 n-Tetradecane (C14)

R.T.: 7.918 min
Delta R.T.: -0.003 min
Response: 511199
Conc: 21.71 ug/ml



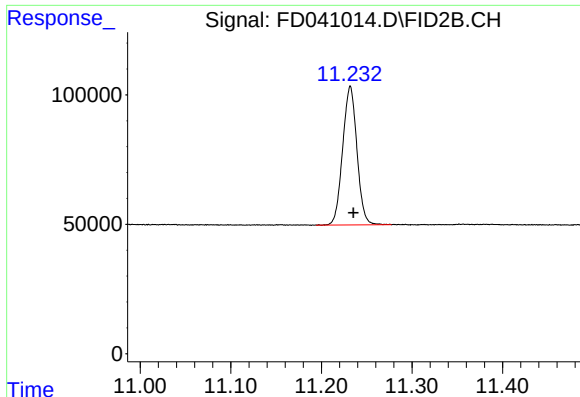
#7 n-Hexadecane (C16)

R.T.: 9.505 min
Delta R.T.: -0.003 min
Response: 515938
Conc: 21.46 ug/ml



#8 n-Octadecane (C18)

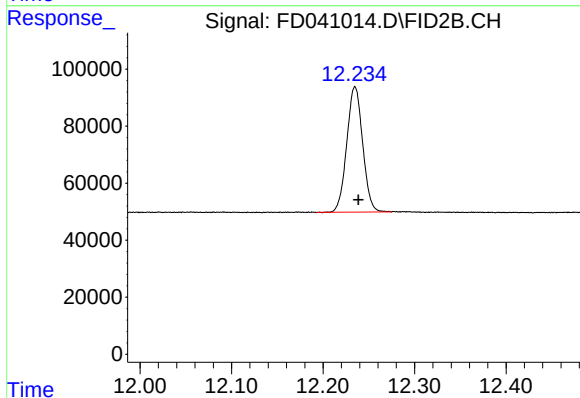
R.T.: 10.935 min
Delta R.T.: -0.003 min
Response: 536944
Conc: 21.40 ug/ml



#9 ortho-Terphenyl (SURR)

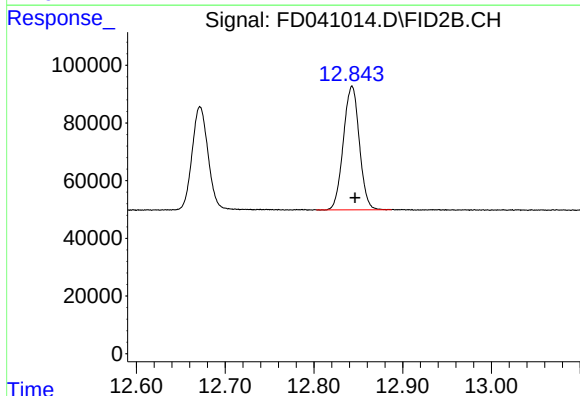
R.T.: 11.232 min
Delta R.T.: -0.003 min
Response: 585220
Conc: 20.94 ug/ml

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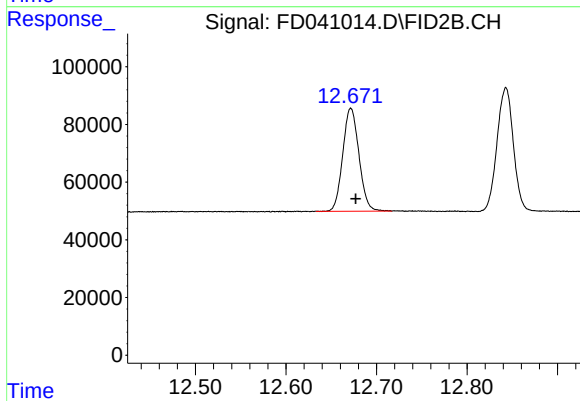
#10 n-Eicosane (C20)

R.T.: 12.235 min
Delta R.T.: -0.004 min
Response: 530842
Conc: 21.20 ug/ml



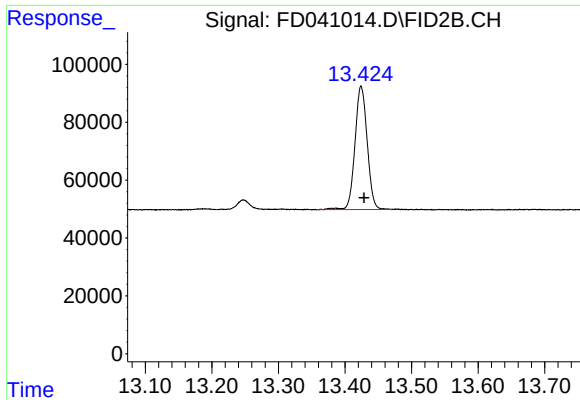
#11 n-Heneicosane (C21)

R.T.: 12.843 min
Delta R.T.: -0.003 min
Response: 537420
Conc: 21.16 ug/ml



#12 1-chlorooctadecane (SURR)

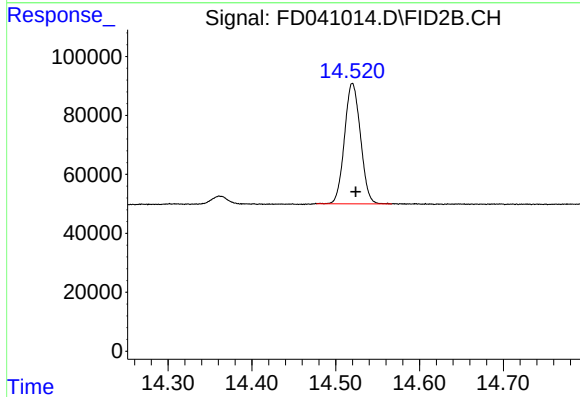
R.T.: 12.672 min
Delta R.T.: -0.006 min
Response: 443770
Conc: 21.20 ug/ml



#13 n-Docosane (C22)

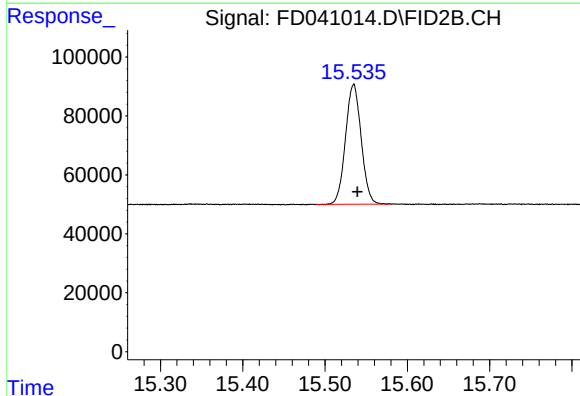
R.T.: 13.424 min
Delta R.T.: -0.005 min
Response: 544010
Conc: 21.73 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



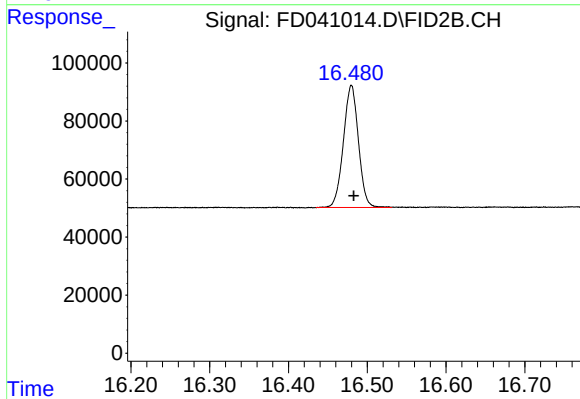
#14 n-Tetracosane (C24)

R.T.: 14.520 min
Delta R.T.: -0.004 min
Response: 539923
Conc: 21.74 ug/ml



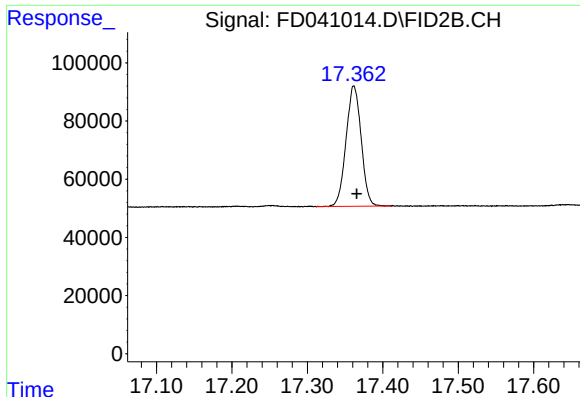
#15 n-Hexacosane (C26)

R.T.: 15.535 min
Delta R.T.: -0.004 min
Response: 539313
Conc: 22.25 ug/ml



#16 n-Octacosane (C28)

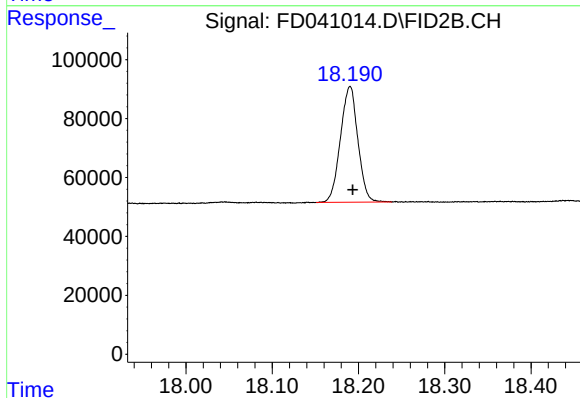
R.T.: 16.480 min
Delta R.T.: -0.003 min
Response: 558251
Conc: 23.18 ug/ml



#17 n-Tricontane (C30)

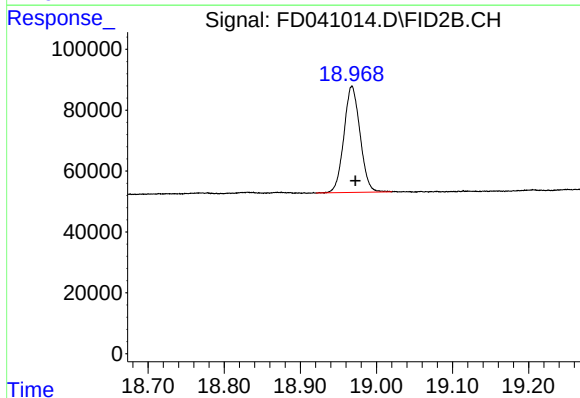
R.T.: 17.362 min
Delta R.T.: -0.004 min
Response: 576043
Conc: 24.17 ug/ml

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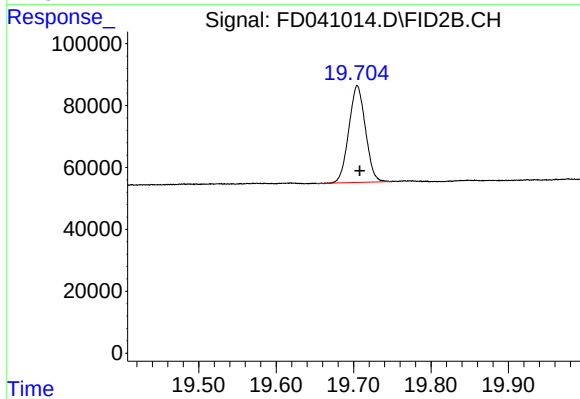
#18 n-Dotriacontane (C32)

R.T.: 18.190 min
Delta R.T.: -0.003 min
Response: 551761
Conc: 24.60 ug/ml



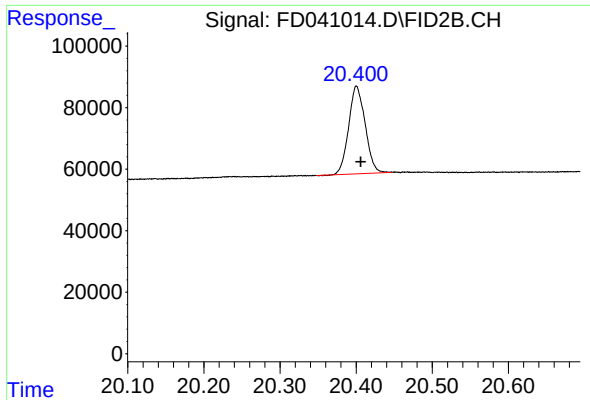
#19 n-Tetratriacontane (C34)

R.T.: 18.968 min
Delta R.T.: -0.005 min
Response: 514002
Conc: 23.85 ug/ml



#20 n-Hexatriacontane (C36)

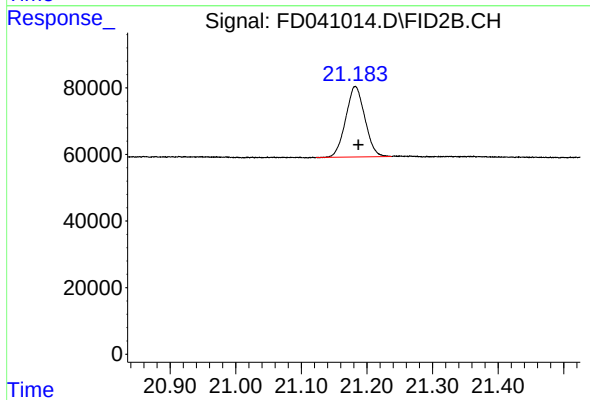
R.T.: 19.705 min
Delta R.T.: -0.003 min
Response: 465064
Conc: 23.39 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.400 min
Delta R.T.: -0.005 min
Response: 428772
Conc: 22.63 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.182 min
Delta R.T.: -0.005 min
Response: 429161
Conc: 22.17 ug/ml