

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD102119AL\
 Data File : FD031156.D
 Signal(s) : FID2B.CH
 Acq On : 22 Oct 2019 6:10
 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: sample.E
 Quant Time: Oct 22 07:02:52 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Alaphatic EPH 101419.M
 Quant Title : GC Extractables
 QLast Update : Tue Oct 15 07:46:23 2019
 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)	11.433	2512541	20.034 ug/ml
Spiked Amount 50.000		Recovery =	40.07%
12) S 1-chlorooctadecane (S...	12.863	1878612	20.064 ug/ml
Spiked Amount 50.000		Recovery =	40.13%
Target Compounds			
1) T n-Nonane (C9)	3.260	2348557	22.452 ug/ml
2) T n-Decane (C10)	4.315	2369393	22.603 ug/ml
3) T A-Naphthalene (C11.7)	5.884	2581139	22.526 ug/ml
4) T n-Dodecane (C12)	6.317	2393386	22.377 ug/ml
5) T A~2-methylnaphthalene...	6.934	2561296	22.219 ug/ml
6) T n-Tetradecane (C14)	8.100	2358508	21.929 ug/ml
7) T n-Hexadecane (C16)	9.690	2317340	21.518 ug/ml
8) T n-Octadecane (C18)	11.122	2269094	20.755 ug/ml
10) T n-Eicosane (C20)	12.422	2210020	20.211 ug/ml
11) T n-Heneicosane (C21)	13.030	2195357	19.974 ug/ml
13) T n-Docosane (C22)	13.612	2153343	19.690 ug/ml
14) T n-Tetracosane (C24)	14.707	2124653	19.455 ug/ml
15) T n-Hexacosane (C26)	15.719	2036939	18.822 ug/ml
16) T n-Octacosane (C28)	16.661	1988448	18.522 ug/ml
17) T n-Tricontane (C30)	17.543	2017176	18.937 ug/ml
18) T n-Dotriacontane (C32)	18.368	1965473	19.093 ug/ml
19) T n-Tetratriacontane (C34)	19.144	1928462	19.623 ug/ml
20) T n-Hexatriacontane (C36)	19.878	1881847	20.429 ug/ml
21) T n-Octatriacontane (C38)	20.580	1821082	21.043 ug/ml
22) T n-Tetracontane (C40)	21.410	1909253	21.487 ug/ml

(f)=RT Delta > 1/2 Window

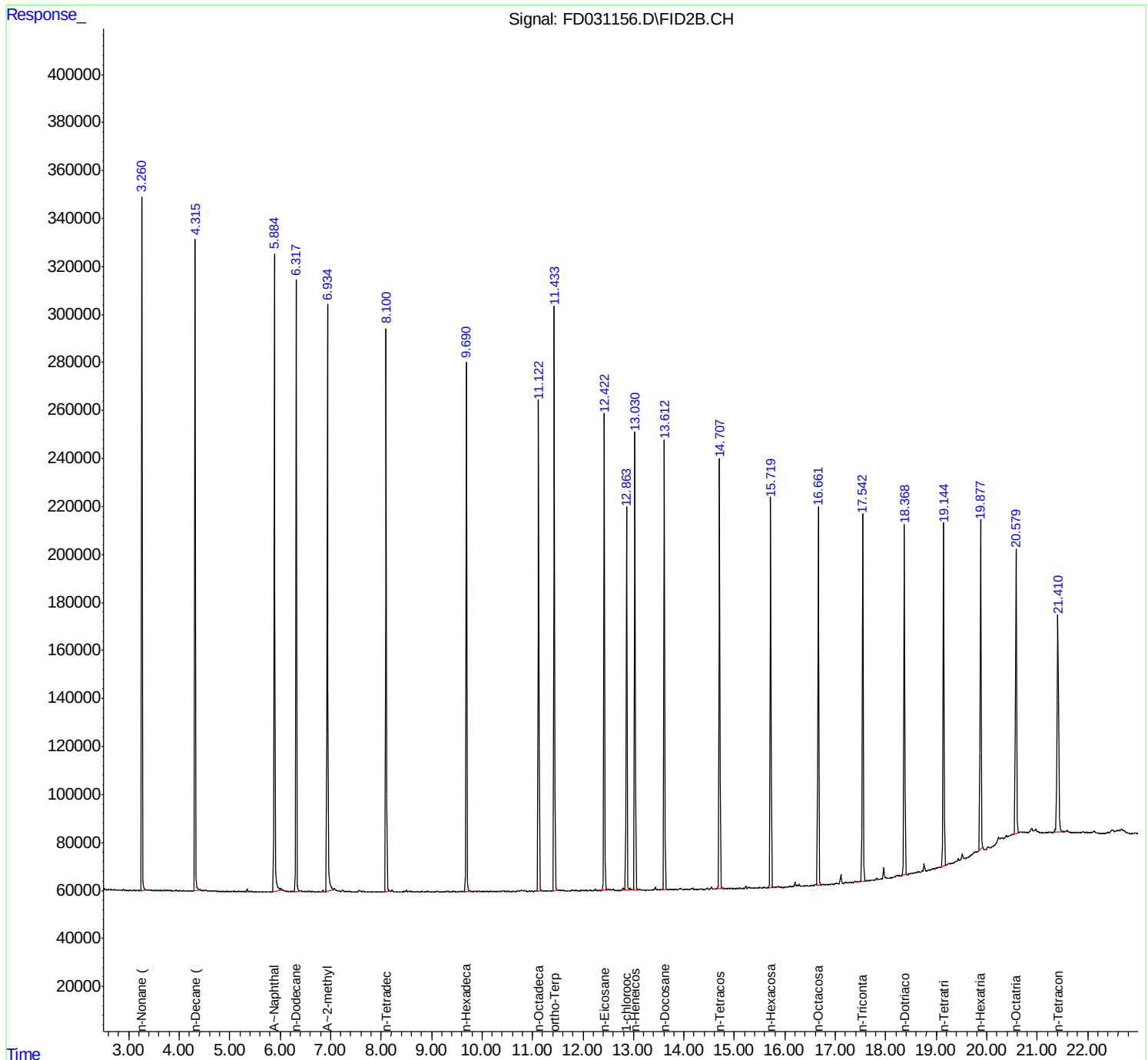
(m)=manual int.

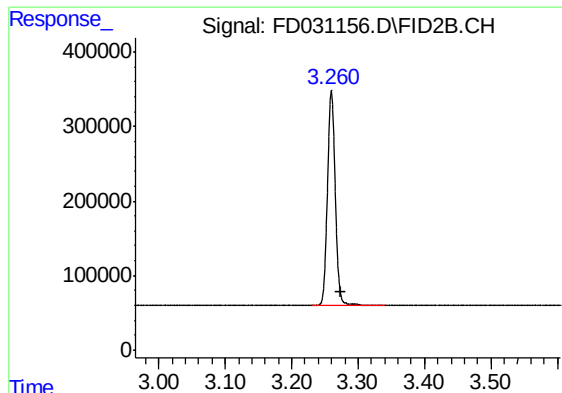
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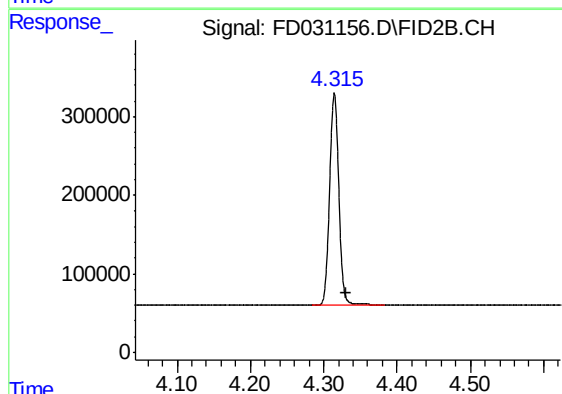




#1 n-Nonane (C9)

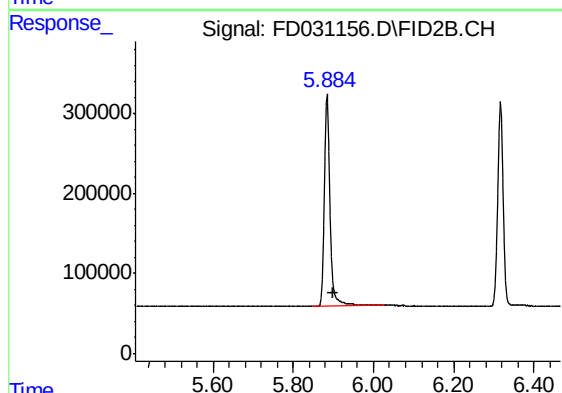
R.T.: 3.260 min
Delta R.T.: -0.014 min
Response: 2348557
Conc: 22.45 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM ALIPHATIC HC STD



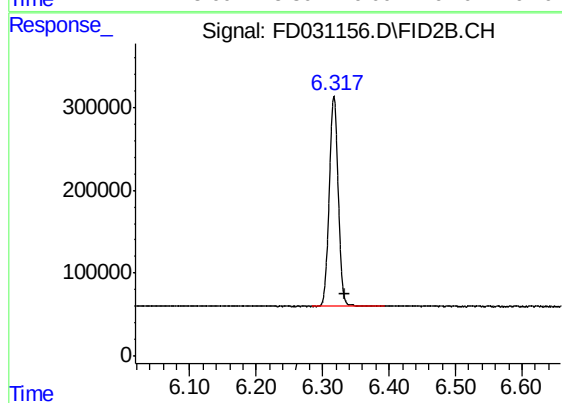
#2 n-Decane (C10)

R.T.: 4.315 min
Delta R.T.: -0.016 min
Response: 2369393
Conc: 22.60 ug/ml



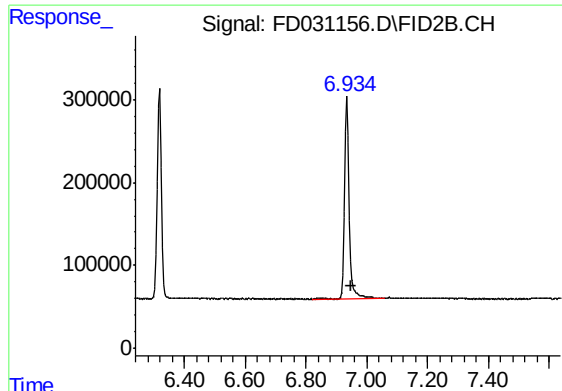
#3 A~Naphthalene (C11.7)

R.T.: 5.884 min
Delta R.T.: -0.016 min
Response: 2581139
Conc: 22.53 ug/ml



#4 n-Dodecane (C12)

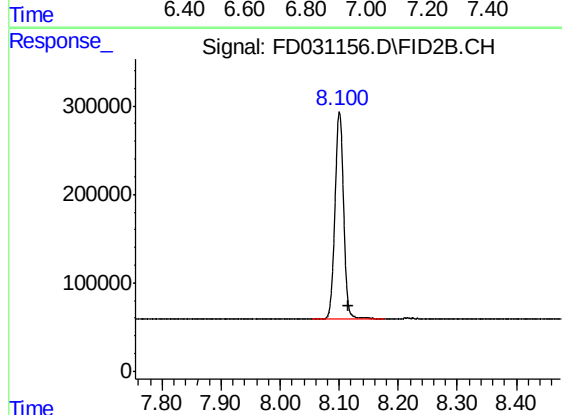
R.T.: 6.317 min
Delta R.T.: -0.017 min
Response: 2393386
Conc: 22.38 ug/ml



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

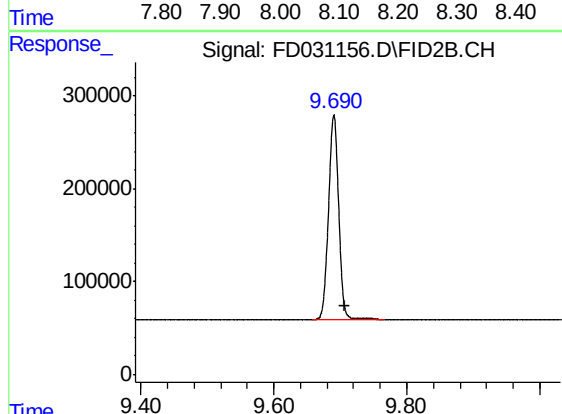
R.T.: 6.934 min
Delta R.T.: -0.016 min
Response: 2561296
Conc: 22.22 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



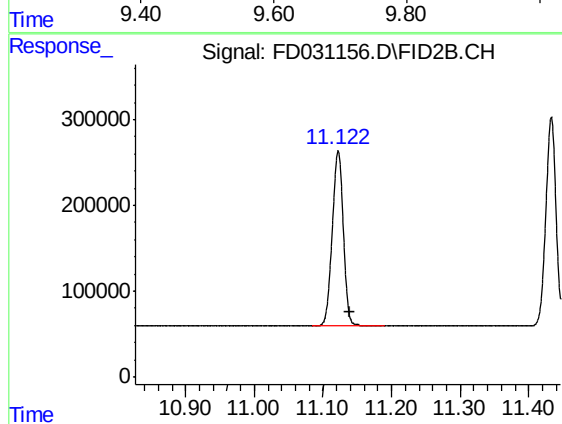
#6 n-Tetradecane (C14)

R.T.: 8.100 min
Delta R.T.: -0.016 min
Response: 2358508
Conc: 21.93 ug/ml



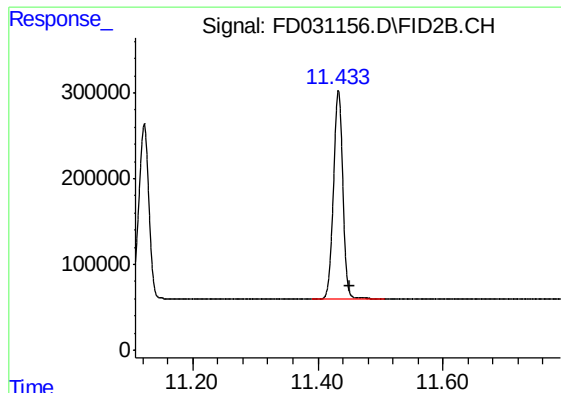
#7 n-Hexadecane (C16)

R.T.: 9.690 min
Delta R.T.: -0.016 min
Response: 2317340
Conc: 21.52 ug/ml



#8 n-Octadecane (C18)

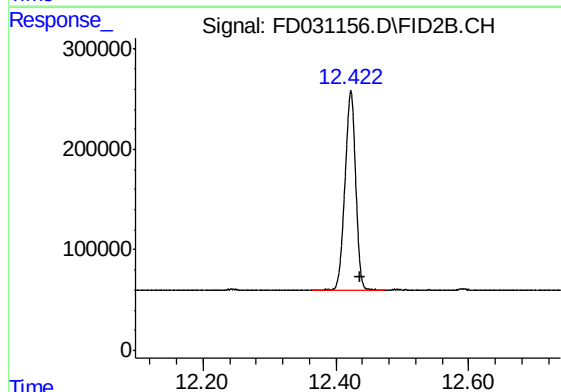
R.T.: 11.122 min
Delta R.T.: -0.017 min
Response: 2269094
Conc: 20.75 ug/ml



#9 ortho-Terphenyl (SURR)

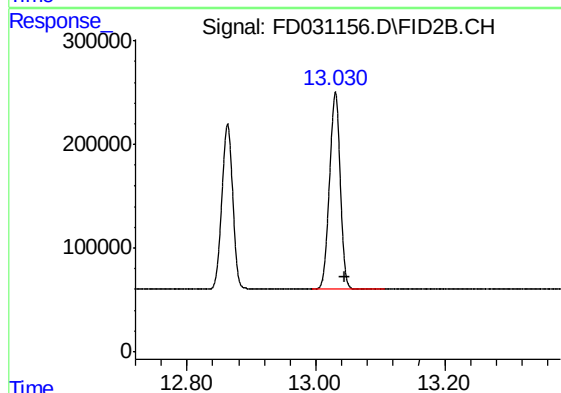
R.T.: 11.433 min
Delta R.T.: -0.018 min
Response: 2512541
Conc: 20.03 ug/ml

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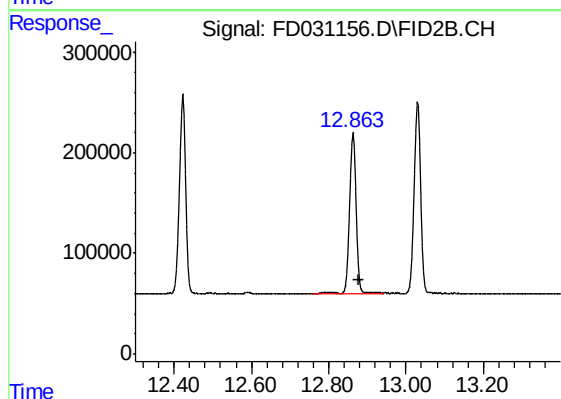
#10 n-Eicosane (C20)

R.T.: 12.422 min
Delta R.T.: -0.014 min
Response: 2210020
Conc: 20.21 ug/ml



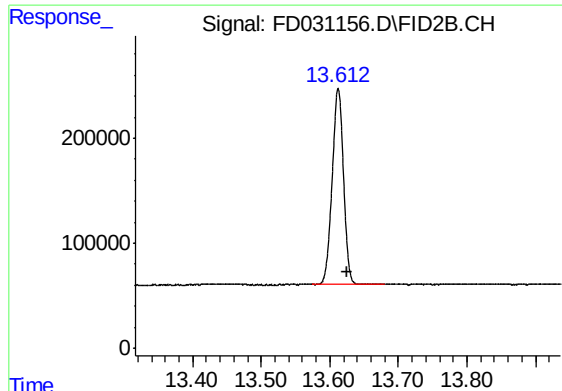
#11 n-Heneicosane (C21)

R.T.: 13.030 min
Delta R.T.: -0.014 min
Response: 2195357
Conc: 19.97 ug/ml



#12 1-chlorooctadecane (SURR)

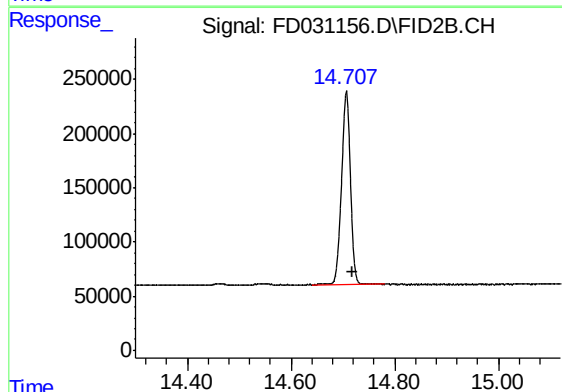
R.T.: 12.863 min
Delta R.T.: -0.013 min
Response: 1878612
Conc: 20.06 ug/ml



#13 n-Docosane (C22)

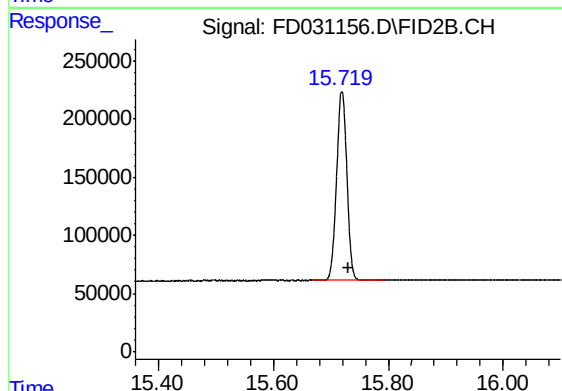
R.T.: 13.612 min
Delta R.T.: -0.013 min
Response: 2153343
Conc: 19.69 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



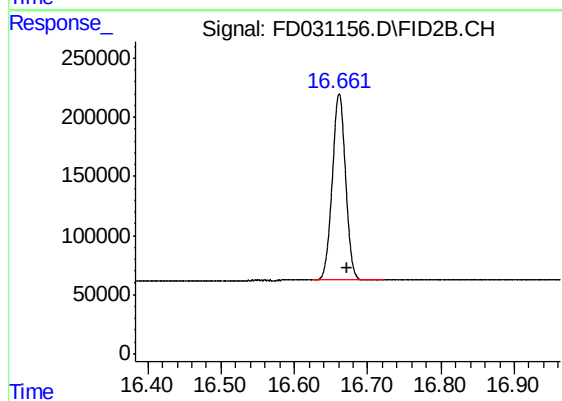
#14 n-Tetracosane (C24)

R.T.: 14.707 min
Delta R.T.: -0.012 min
Response: 2124653
Conc: 19.45 ug/ml



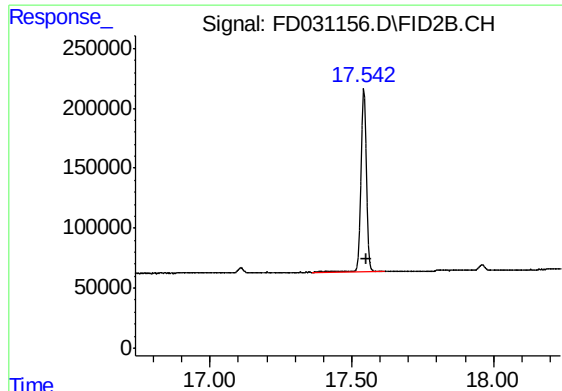
#15 n-Hexacosane (C26)

R.T.: 15.719 min
Delta R.T.: -0.011 min
Response: 2036939
Conc: 18.82 ug/ml



#16 n-Octacosane (C28)

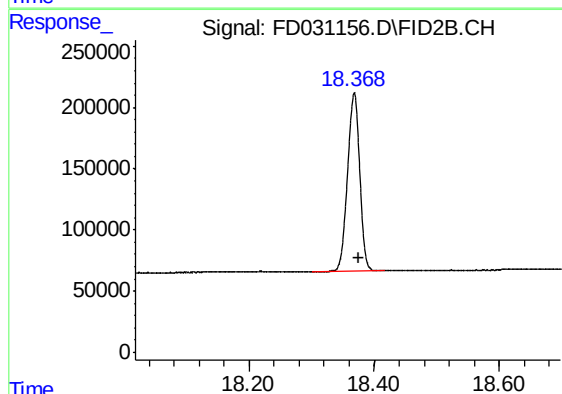
R.T.: 16.661 min
Delta R.T.: -0.010 min
Response: 1988448
Conc: 18.52 ug/ml



#17 n-Tricontane (C30)

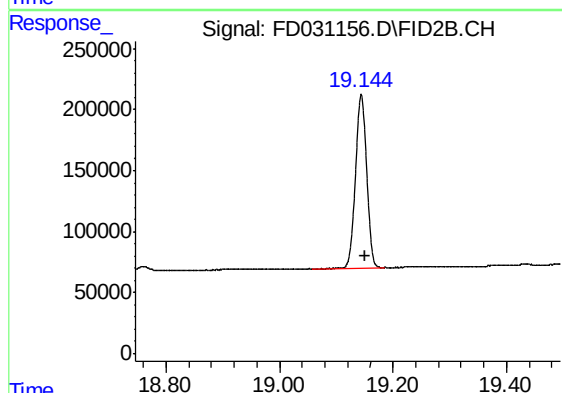
R.T.: 17.543 min
Delta R.T.: -0.009 min
Response: 2017176
Conc: 18.94 ug/ml

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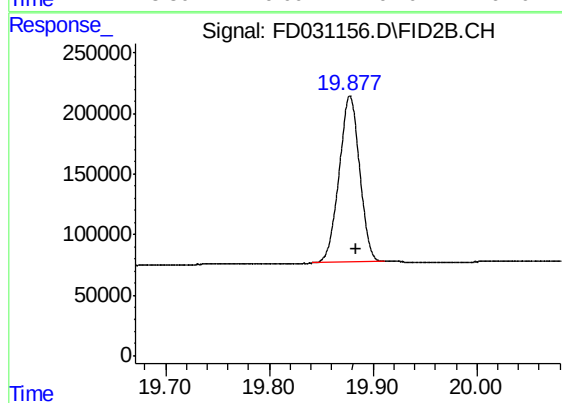
#18 n-Dotriacontane (C32)

R.T.: 18.368 min
Delta R.T.: -0.007 min
Response: 1965473
Conc: 19.09 ug/ml



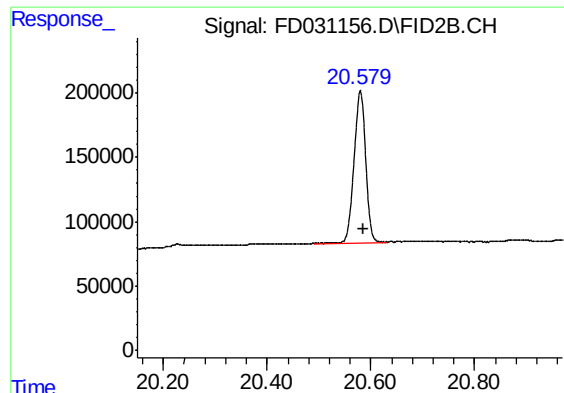
#19 n-Tetatriacontane (C34)

R.T.: 19.144 min
Delta R.T.: -0.008 min
Response: 1928462
Conc: 19.62 ug/ml



#20 n-Hexatriacontane (C36)

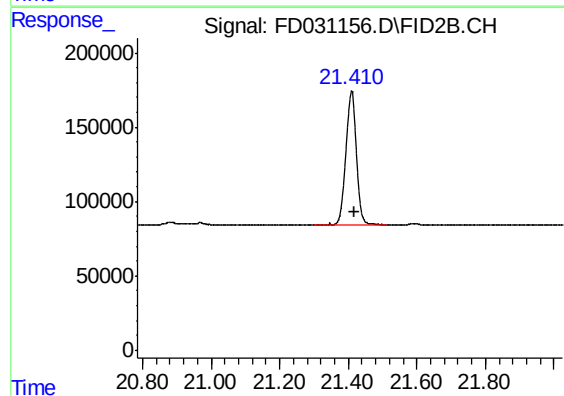
R.T.: 19.878 min
Delta R.T.: -0.006 min
Response: 1881847
Conc: 20.43 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.580 min
Delta R.T.: -0.006 min
Response: 1821082
Conc: 21.04 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.410 min
Delta R.T.: -0.008 min
Response: 1909253
Conc: 21.49 ug/ml