

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD092921AL\
 Data File : FD038955.D
 Signal(s) : FID2B.CH
 Acq On : 29 Sep 2021 17:28
 Operator : AJ\MA
 Sample : 50 PPM ALIPHATIC HC STD2
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 50 PPM ALIPHATIC HC STD2

Integration File: autoint1.e
 Quant Time: Sep 30 02:02:03 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 092921.M
 Quant Title : GC Extractables
 QLast Update : Thu Sep 30 02:00:42 2021
 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)	11.683	7132524	50.643 ug/ml
Spiked Amount 50.000		Recovery =	101.29%
12) S 1-chlorooctadecane (S...	13.109	5644288	50.609 ug/ml
Spiked Amount 50.000		Recovery =	101.22%
Target Compounds			
1) T n-Nonane (C9)	3.441	6346829	50.533 ug/ml
2) T n-Decane (C10)	4.511	6415068	50.517 ug/ml
3) T A~Naphthalene (C11.7)	6.103	7161658	50.565 ug/ml
4) T n-Dodecane (C12)	6.526	6436007	50.554 ug/ml
5) T A~2-methylnaphthalene...	7.159	7214037	50.667 ug/ml
6) T n-Tetradecane (C14)	8.319	6521616	50.586 ug/ml
7) T n-Hexadecane (C16)	9.917	6553655	50.588 ug/ml
8) T n-Octadecane (C18)	11.358	6715530	50.574 ug/ml
10) T n-Eicosane (C20)	12.663	6651819	50.525 ug/ml
11) T n-Heneicosane (C21)	13.274	6709120	50.488 ug/ml
13) T n-Docosane (C22)	13.858	6647419	50.510 ug/ml
14) T n-Tetracosane (C24)	14.957	6637884	50.399 ug/ml
15) T n-Hexacosane (C26)	15.974	6471420	50.508 ug/ml
16) T n-Octacosane (C28)	16.921	6341691	50.328 ug/ml
17) T n-Tricontane (C30)	17.804	6138899	50.383 ug/ml
18) T n-Dotriacontane (C32)	18.633	5841085	50.698 ug/ml
19) T n-Tetratriacontane (C34)	19.413	5537316	51.545 ug/ml
20) T n-Hexatriacontane (C36)	20.149	5084262	53.142 ug/ml
21) T n-Octatriacontane (C38)	20.891	4716810	54.408 ug/ml
22) T n-Tetracontane (C40)	21.821	4606124	55.808 ug/ml

(f)=RT Delta > 1/2 Window

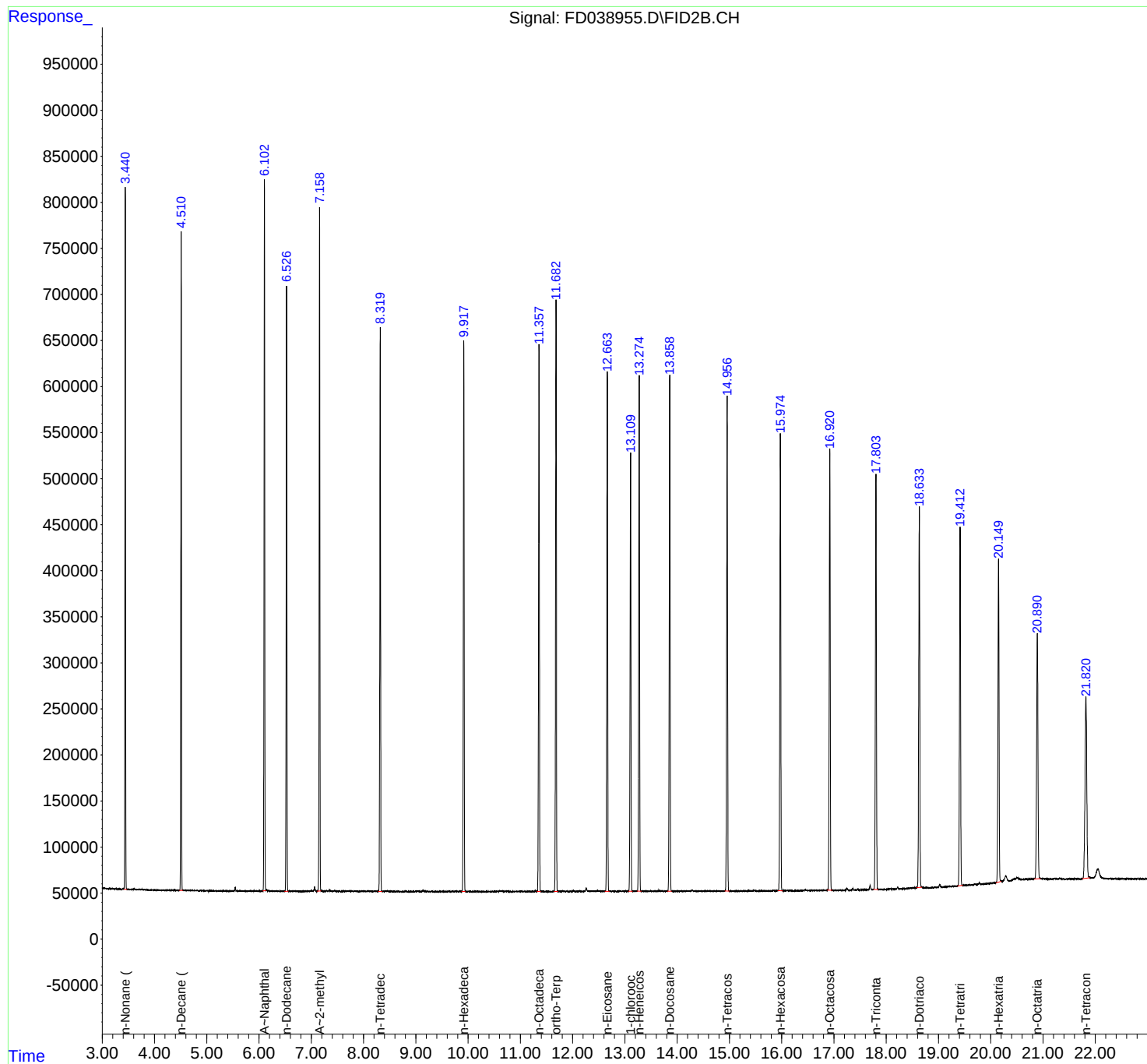
(m)=manual int.

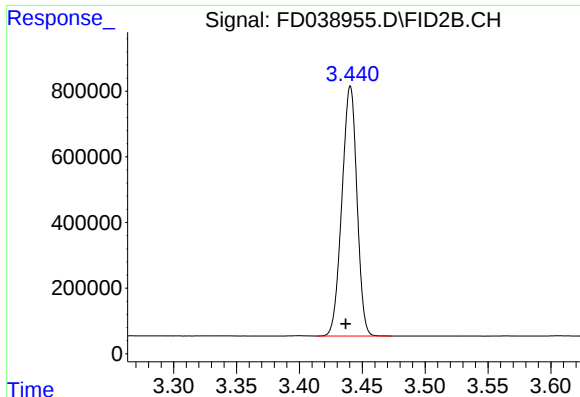
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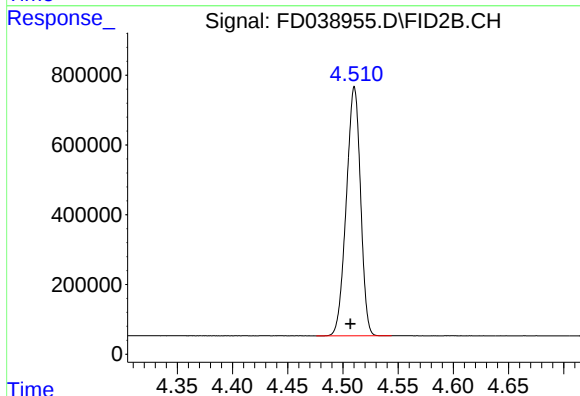




#1 n-Nonane (C9)

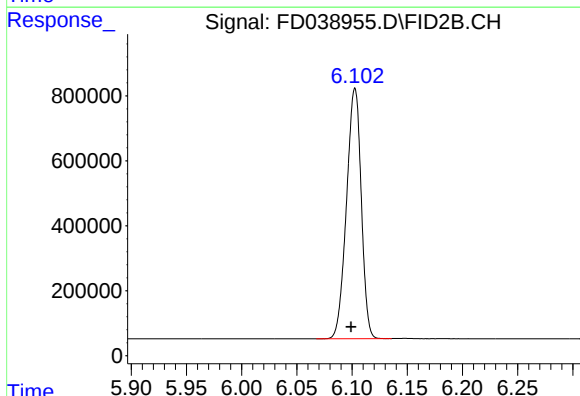
R.T.: 3.441 min
Delta R.T.: 0.004 min
Response: 6346829
Conc: 50.53 ug/ml

Instrument :
FID_D
ClientSampleId :
50 PPM ALIPHATIC HC STD2



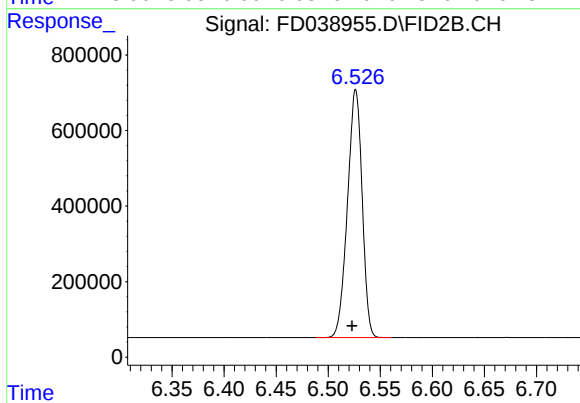
#2 n-Decane (C10)

R.T.: 4.511 min
Delta R.T.: 0.004 min
Response: 6415068
Conc: 50.52 ug/ml



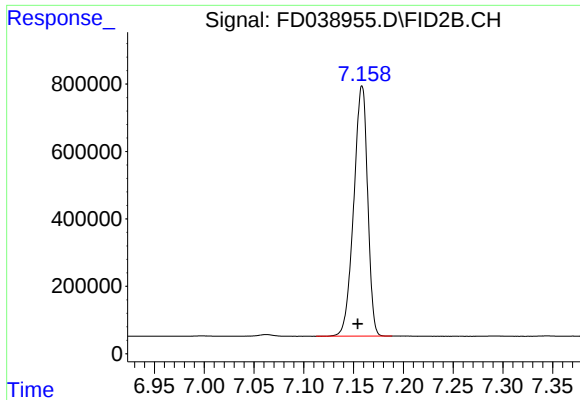
#3 A~Naphthalene (C11.7)

R.T.: 6.103 min
Delta R.T.: 0.004 min
Response: 7161658
Conc: 50.57 ug/ml



#4 n-Dodecane (C12)

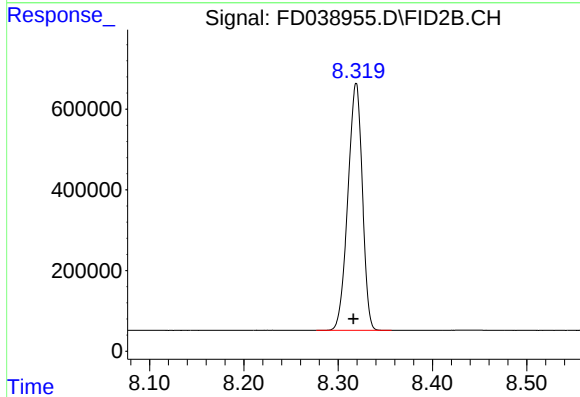
R.T.: 6.526 min
Delta R.T.: 0.003 min
Response: 6436007
Conc: 50.55 ug/ml



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

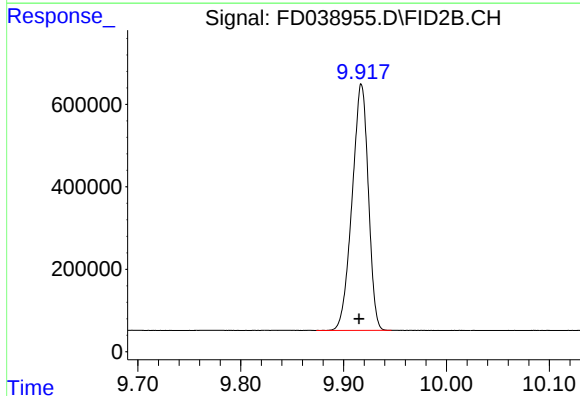
R.T.: 7.159 min
Delta R.T.: 0.004 min
Response: 7214037
Conc: 50.67 ug/ml

Instrument :
FID_D
ClientSampleId :
50 PPM ALIPHATIC HC STD2



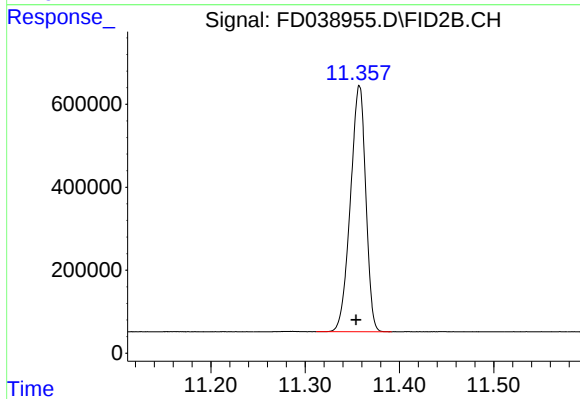
#6 n-Tetradecane (C14)

R.T.: 8.319 min
Delta R.T.: 0.003 min
Response: 6521616
Conc: 50.59 ug/ml



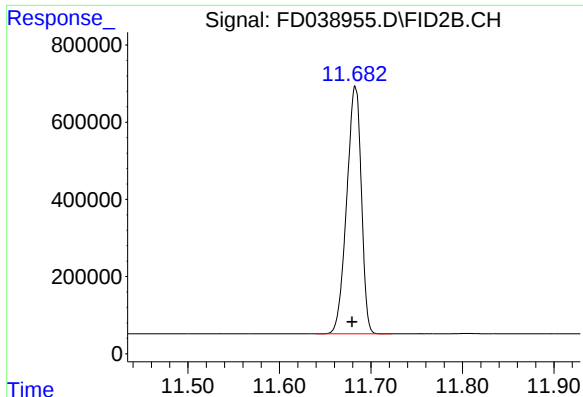
#7 n-Hexadecane (C16)

R.T.: 9.917 min
Delta R.T.: 0.002 min
Response: 6553655
Conc: 50.59 ug/ml



#8 n-Octadecane (C18)

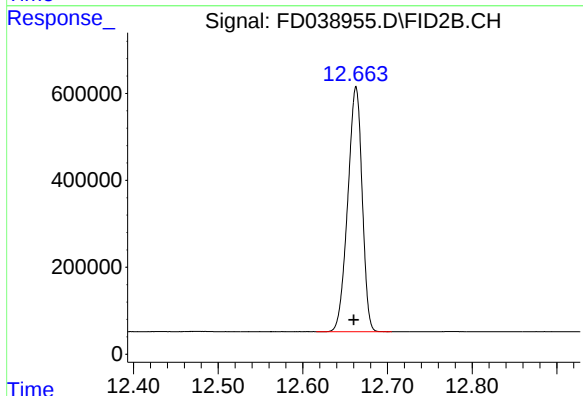
R.T.: 11.358 min
Delta R.T.: 0.003 min
Response: 6715530
Conc: 50.57 ug/ml



#9 ortho-Terphenyl (SURR)

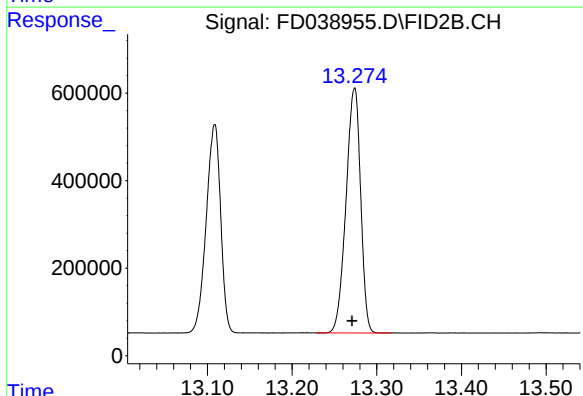
R.T.: 11.683 min
Delta R.T.: 0.004 min
Response: 7132524
Conc: 50.64 ug/ml

Instrument :
FID_D
ClientSampleId :
50 PPM ALIPHATIC HC STD2



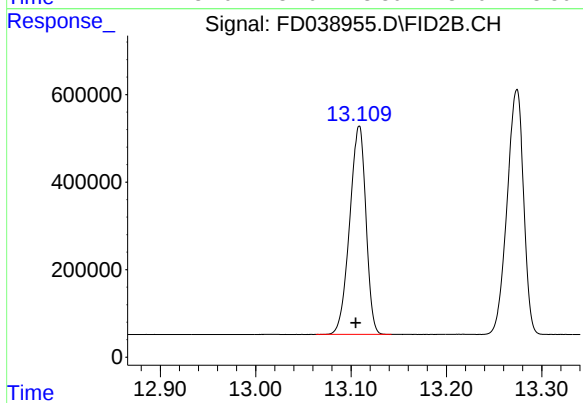
#10 n-Eicosane (C20)

R.T.: 12.663 min
Delta R.T.: 0.003 min
Response: 6651819
Conc: 50.52 ug/ml



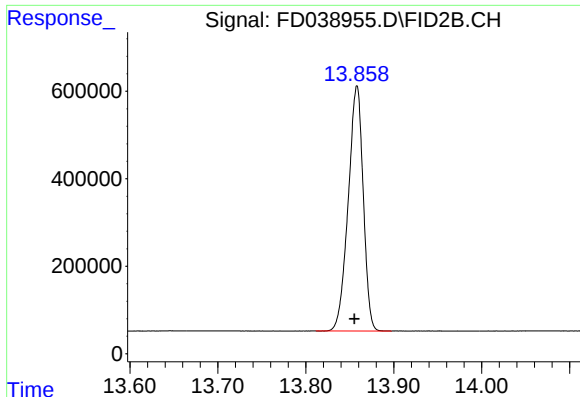
#11 n-Heneicosane (C21)

R.T.: 13.274 min
Delta R.T.: 0.003 min
Response: 6709120
Conc: 50.49 ug/ml



#12 1-chlorooctadecane (SURR)

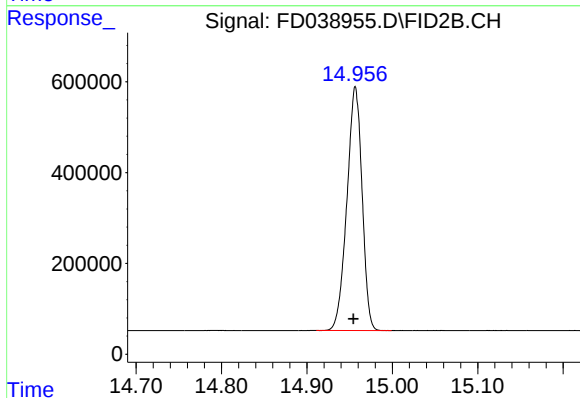
R.T.: 13.109 min
Delta R.T.: 0.004 min
Response: 5644288
Conc: 50.61 ug/ml



#13 n-Docosane (C22)

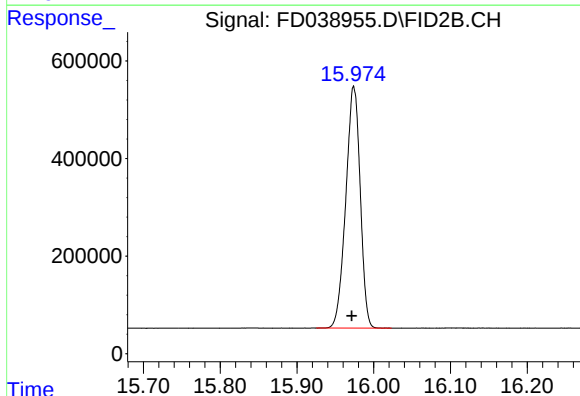
R.T.: 13.858 min
Delta R.T.: 0.003 min
Response: 6647419
Conc: 50.51 ug/ml

Instrument :
FID_D
ClientSampleId :
50 PPM ALIPHATIC HC STD2



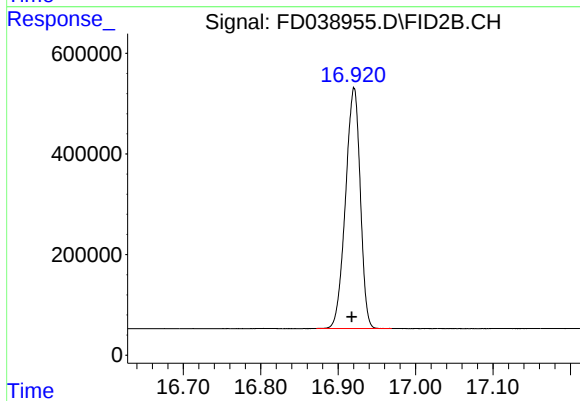
#14 n-Tetracosane (C24)

R.T.: 14.957 min
Delta R.T.: 0.002 min
Response: 6637884
Conc: 50.40 ug/ml



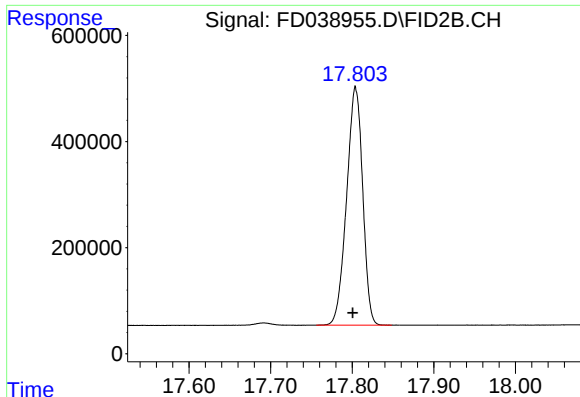
#15 n-Hexacosane (C26)

R.T.: 15.974 min
Delta R.T.: 0.003 min
Response: 6471420
Conc: 50.51 ug/ml



#16 n-Octacosane (C28)

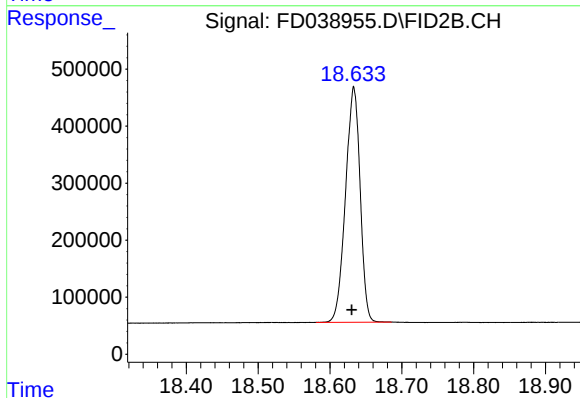
R.T.: 16.921 min
Delta R.T.: 0.003 min
Response: 6341691
Conc: 50.33 ug/ml



#17 n-Tricontane (C30)

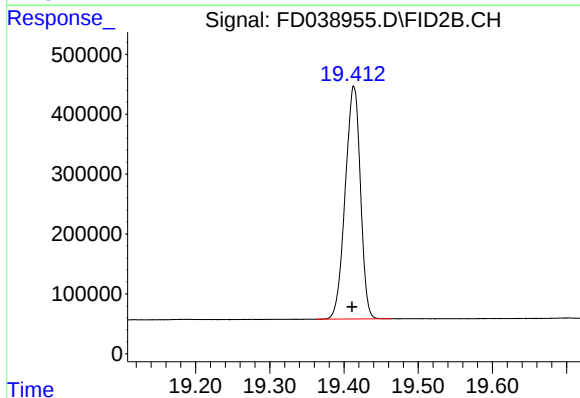
R.T.: 17.804 min
Delta R.T.: 0.003 min
Response: 6138899
Conc: 50.38 ug/ml

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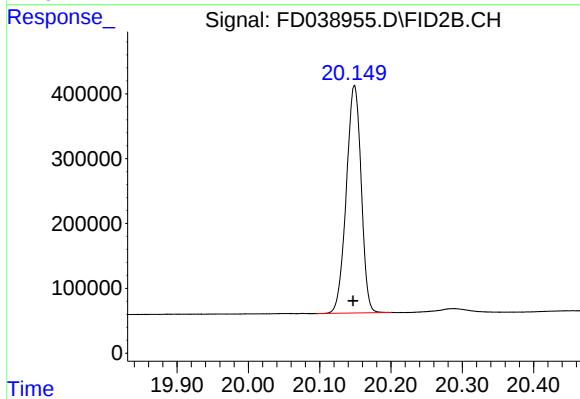
#18 n-Dotriacontane (C32)

R.T.: 18.633 min
Delta R.T.: 0.003 min
Response: 5841085
Conc: 50.70 ug/ml



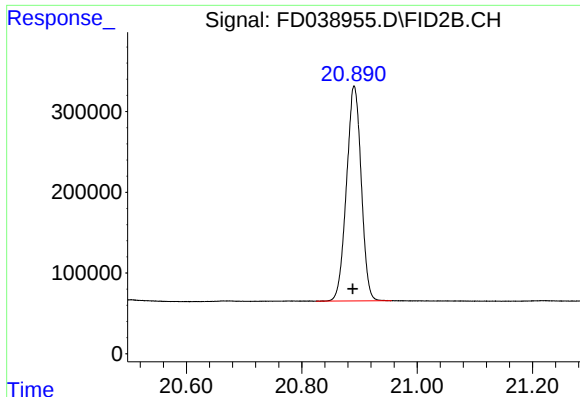
#19 n-Tetratriacontane (C34)

R.T.: 19.413 min
Delta R.T.: 0.003 min
Response: 5537316
Conc: 51.54 ug/ml



#20 n-Hexatriacontane (C36)

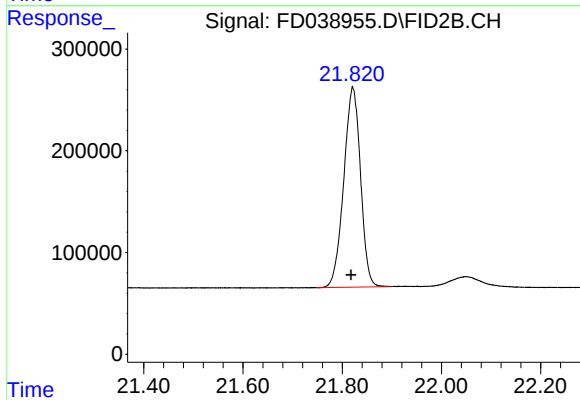
R.T.: 20.149 min
Delta R.T.: 0.002 min
Response: 5084262
Conc: 53.14 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.891 min
Delta R.T.: 0.003 min
Response: 4716810
Conc: 54.41 ug/ml

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FID_D
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50 PPM ALIPHATIC HC STD2



#22 n-Tetracontane (C40)

R.T.: 21.821 min
Delta R.T.: 0.003 min
Response: 4606124
Conc: 55.81 ug/ml