

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD041122AL\
 Data File : FD041936.D
 Signal(s) : FID2B.CH
 Acq On : 11 Apr 2022 17:34
 Operator : UA/NP
 Sample : PB144023BS
 Misc :
 ALS Vial : 55 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 PB144023BS

Integration File: autoint1.e
 Quant Time: Apr 12 02:38:37 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 032222.M
 Quant Title : GC Extractables
 QLast Update : Wed Mar 23 05:05:55 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)	11.217	7129518	40.204 ug/ml
Spiked Amount 50.000		Recovery =	80.41%
12) S 1-chlorooctadecane (S...	12.655	5750083	41.525 ug/ml
Spiked Amount 50.000		Recovery =	83.05%
Target Compounds			
1) T n-Nonane (C9)	3.100	6706257	45.589 ug/ml
2) T n-Decane (C10)	4.137	6966916	47.711 ug/ml
3) T A~Naphthalene (C11.7)	5.681	8431540	53.978 ug/ml
4) T n-Dodecane (C12)	6.126	8073017	53.594 ug/ml
5) T A~2-methylnaphthalene...	6.726	8690557	55.869 ug/ml
6) T n-Tetradecane (C14)	7.904	8607959	56.511 ug/ml
7) T n-Hexadecane (C16)	9.489	8751134	56.755 ug/ml
8) T n-Octadecane (C18)	10.920	9016507	57.229 ug/ml
10) T n-Eicosane (C20)	12.221	8713034	55.078 ug/ml
11) T n-Heneicosane (C21)	12.828	8468765	52.885 ug/ml
13) T n-Docosane (C22)	13.410	8310592	51.744 ug/ml
14) T n-Tetracosane (C24)	14.506	8541755	52.842 ug/ml
15) T n-Hexacosane (C26)	15.522	7627164	47.223 ug/ml
16) T n-Octacosane (C28)	16.465	7459637	46.341 ug/ml
17) T n-Tricontane (C30)	17.349	7060259	44.801 ug/ml
18) T n-Dotriacontane (C32)	18.174	6903940	46.525 ug/ml
19) T n-Tetratriacontane (C34)	18.954	6833325	51.001 ug/ml
20) T n-Hexatriacontane (C36)	19.689	6800773	56.795 ug/ml
21) T n-Octatriacontane (C38)	20.388	6708758	60.614 ug/ml
22) T n-Tetracontane (C40)	21.161	6762097	62.808 ug/ml

(f)=RT Delta > 1/2 Window

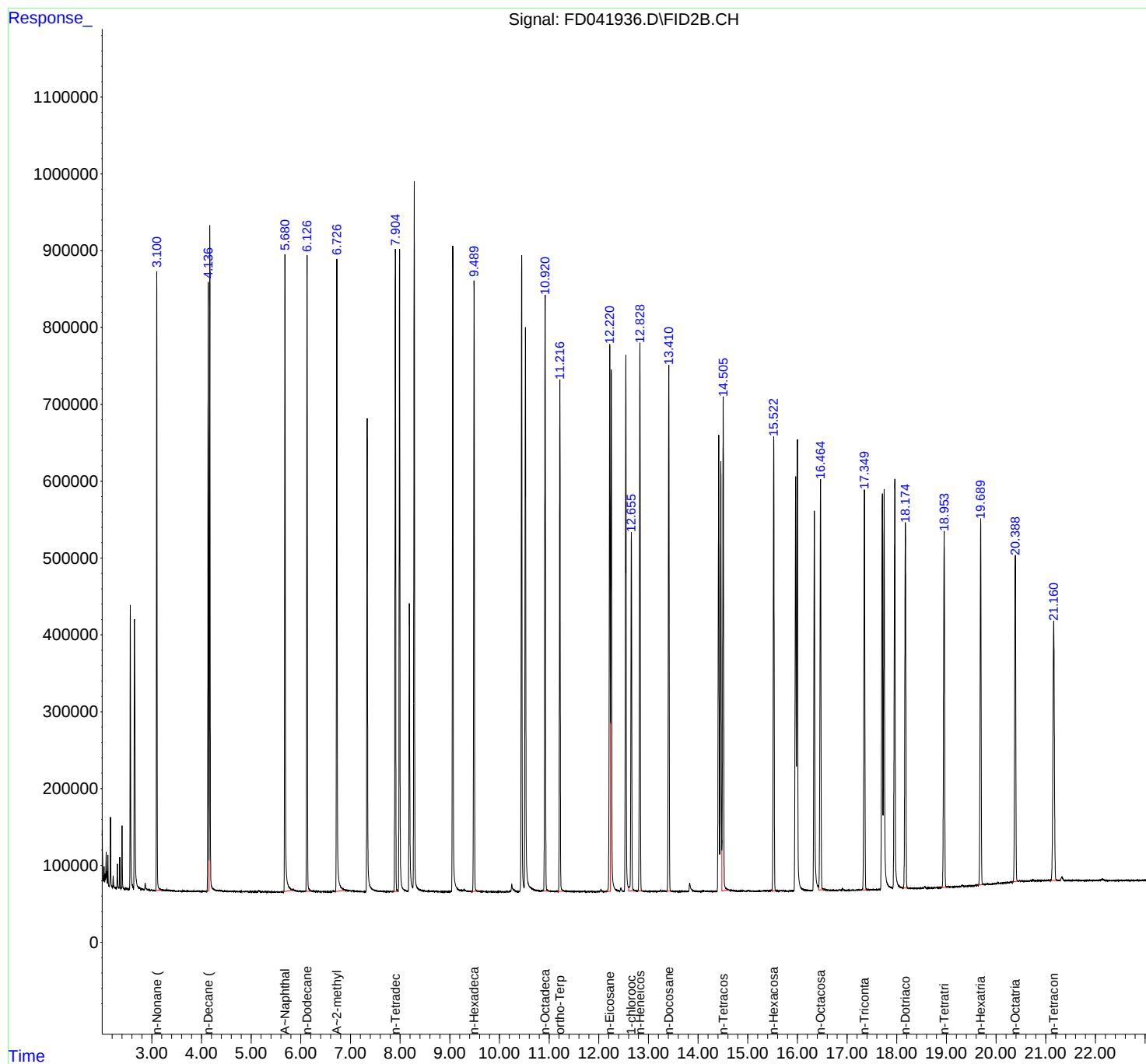
(m)=manual int.

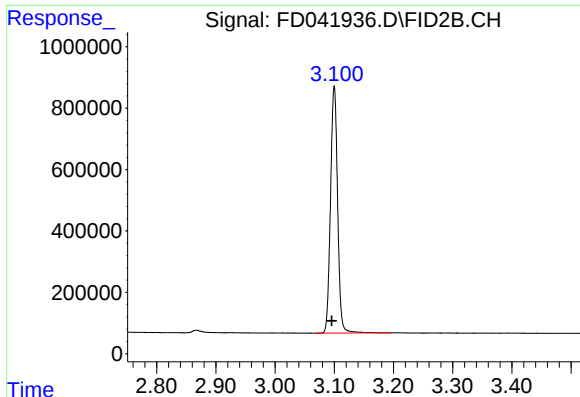
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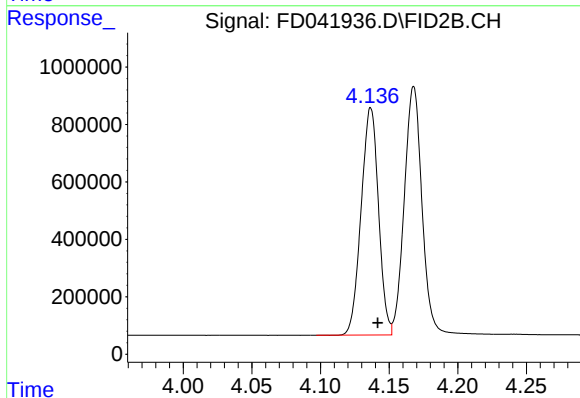




#1 n-Nonane (C9)

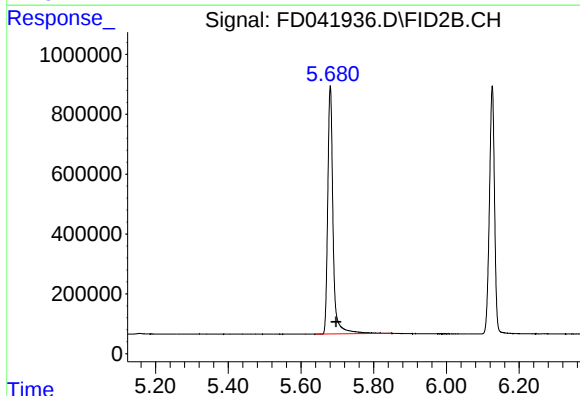
R.T.: 3.100 min
Delta R.T.: 0.004 min
Response: 6706257
Conc: 45.59 ug/ml

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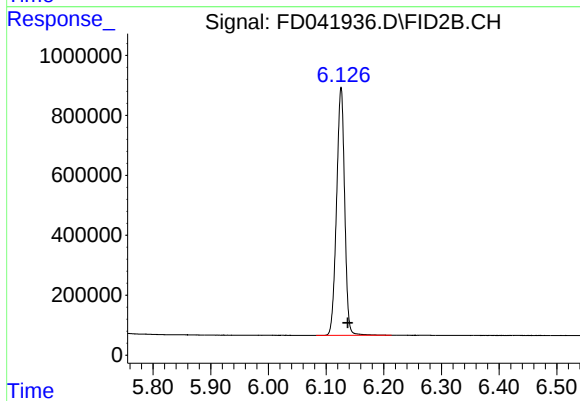
#2 n-Decane (C10)

R.T.: 4.137 min
Delta R.T.: -0.005 min
Response: 6966916
Conc: 47.71 ug/ml



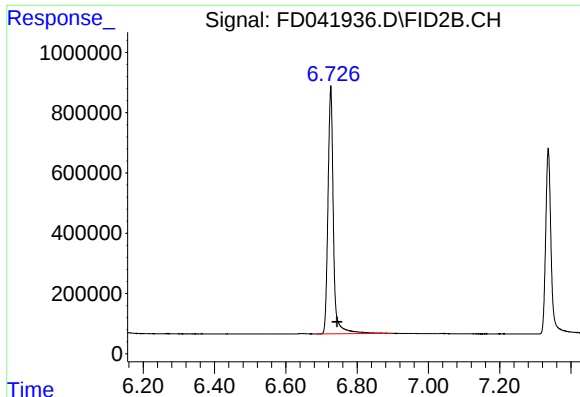
#3 A~Naphthalene (C11.7)

R.T.: 5.681 min
Delta R.T.: -0.016 min
Response: 8431540
Conc: 53.98 ug/ml



#4 n-Dodecane (C12)

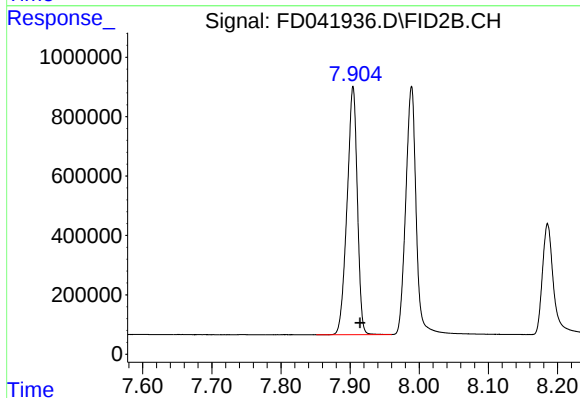
R.T.: 6.126 min
Delta R.T.: -0.011 min
Response: 8073017
Conc: 53.59 ug/ml



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

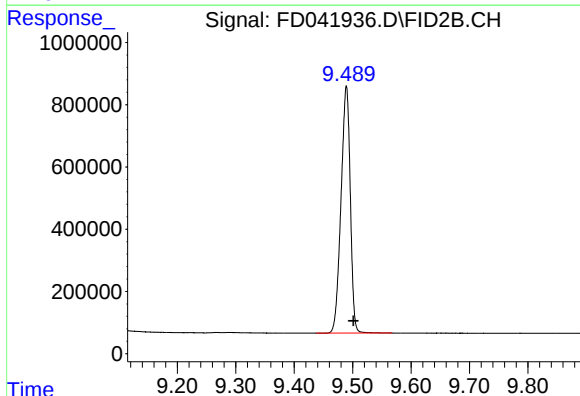
R.T.: 6.726 min
Delta R.T.: -0.017 min
Response: 8690557
Conc: 55.87 ug/ml

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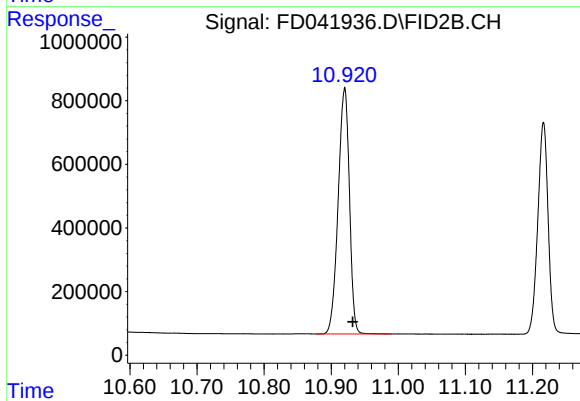
#6 n-Tetradecane (C14)

R.T.: 7.904 min
Delta R.T.: -0.010 min
Response: 8607959
Conc: 56.51 ug/ml



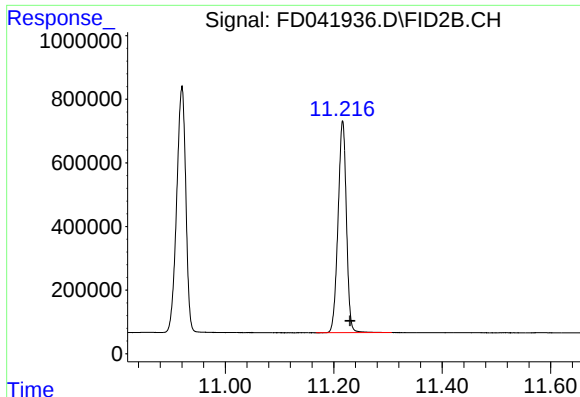
#7 n-Hexadecane (C16)

R.T.: 9.489 min
Delta R.T.: -0.012 min
Response: 8751134
Conc: 56.76 ug/ml



#8 n-Octadecane (C18)

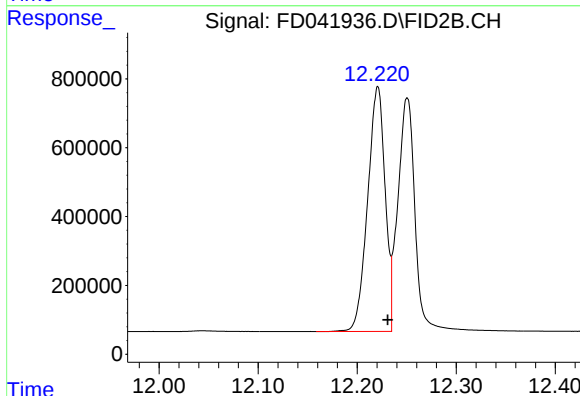
R.T.: 10.920 min
Delta R.T.: -0.012 min
Response: 9016507
Conc: 57.23 ug/ml



#9 ortho-Terphenyl (SURR)

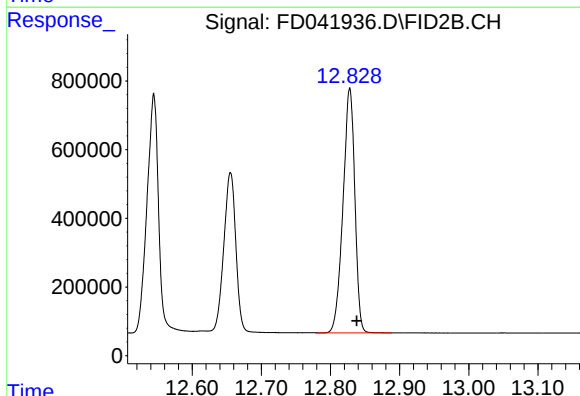
R.T.: 11.217 min
Delta R.T.: -0.013 min
Response: 7129518
Conc: 40.20 ug/ml

Instrument :
FID_D
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PB144023BS



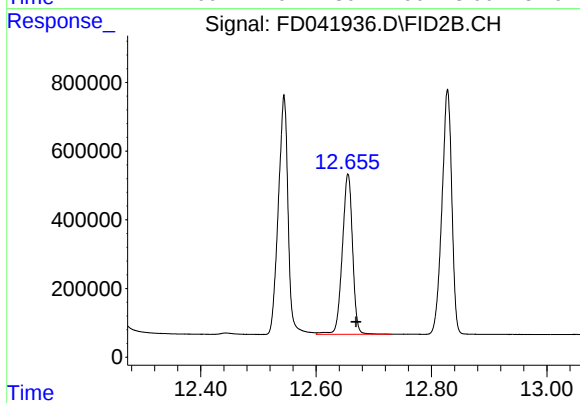
#10 n-Eicosane (C20)

R.T.: 12.221 min
Delta R.T.: -0.010 min
Response: 8713034
Conc: 55.08 ug/ml



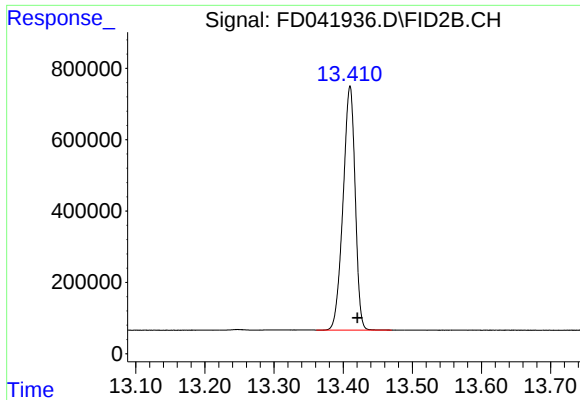
#11 n-Heneicosane (C21)

R.T.: 12.828 min
Delta R.T.: -0.010 min
Response: 8468765
Conc: 52.88 ug/ml



#12 1-chlorooctadecane (SURR)

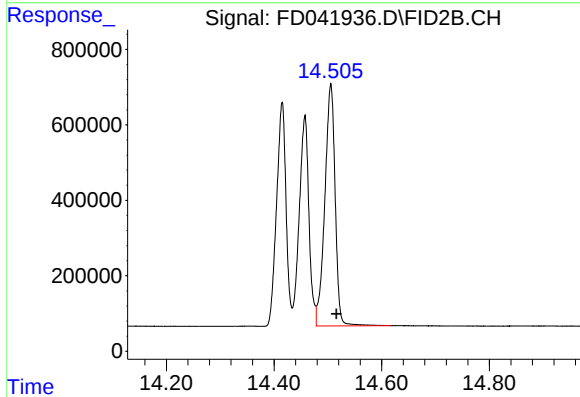
R.T.: 12.655 min
Delta R.T.: -0.014 min
Response: 5750083
Conc: 41.53 ug/ml



#13 n-Docosane (C22)

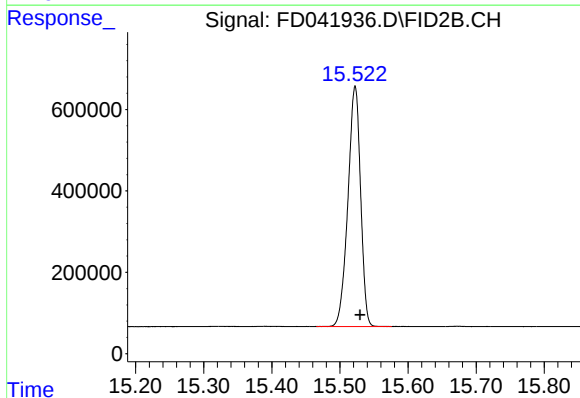
R.T.: 13.410 min
Delta R.T.: -0.011 min
Response: 8310592
Conc: 51.74 ug/ml

Instrument :
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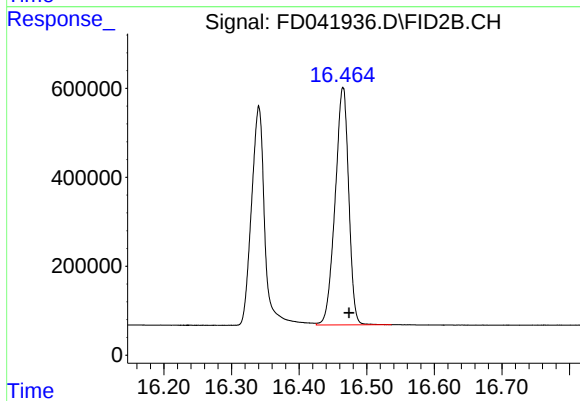
#14 n-Tetracosane (C24)

R.T.: 14.506 min
Delta R.T.: -0.010 min
Response: 8541755
Conc: 52.84 ug/ml



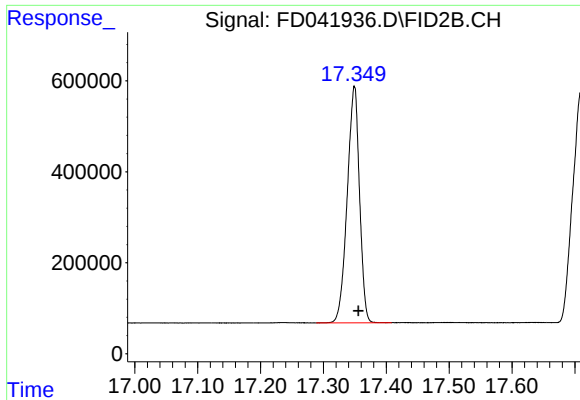
#15 n-Hexacosane (C26)

R.T.: 15.522 min
Delta R.T.: -0.007 min
Response: 7627164
Conc: 47.22 ug/ml



#16 n-Octacosane (C28)

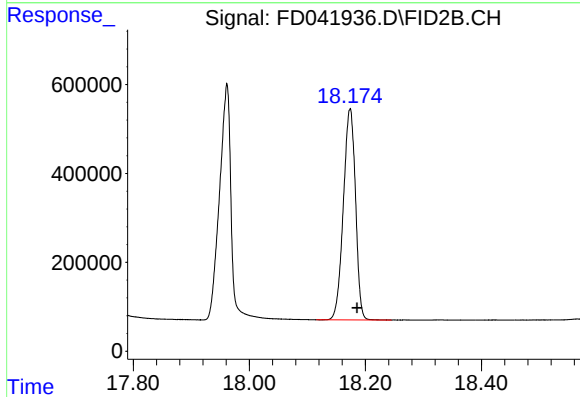
R.T.: 16.465 min
Delta R.T.: -0.009 min
Response: 7459637
Conc: 46.34 ug/ml



#17 n-Tricontane (C30)

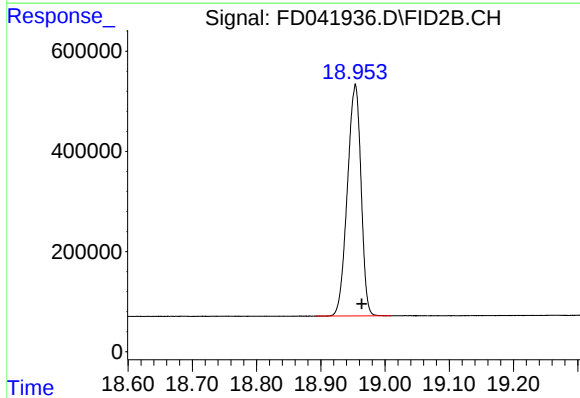
R.T.: 17.349 min
Delta R.T.: -0.006 min
Response: 7060259
Conc: 44.80 ug/ml

Instrument :
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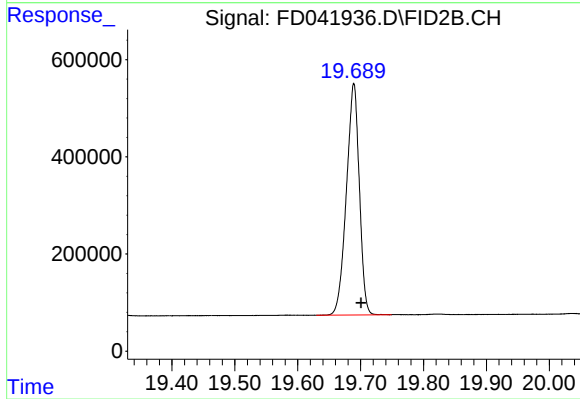
#18 n-Dotriacontane (C32)

R.T.: 18.174 min
Delta R.T.: -0.012 min
Response: 6903940
Conc: 46.52 ug/ml



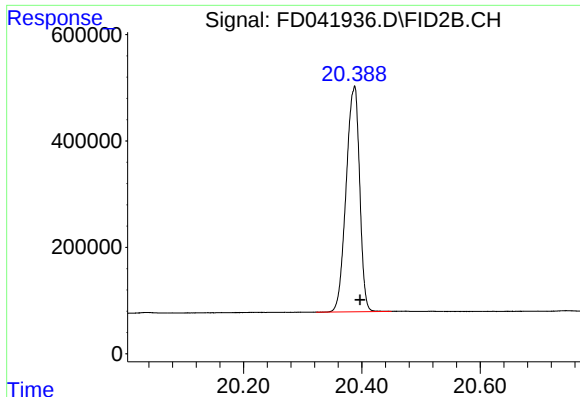
#19 n-Tetratriacontane (C34)

R.T.: 18.954 min
Delta R.T.: -0.010 min
Response: 6833325
Conc: 51.00 ug/ml



#20 n-Hexatriacontane (C36)

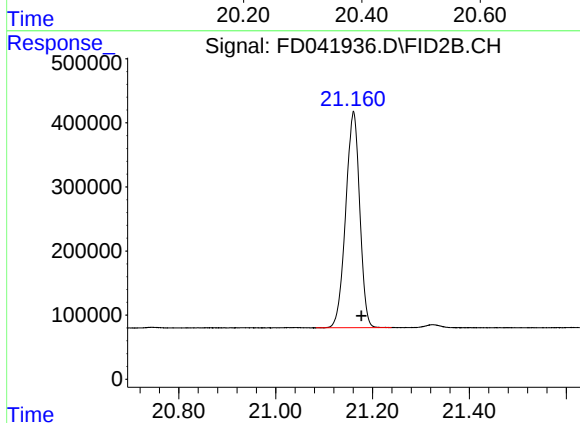
R.T.: 19.689 min
Delta R.T.: -0.011 min
Response: 6800773
Conc: 56.80 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.388 min
Delta R.T.: -0.009 min
Response: 6708758
Conc: 60.61 ug/ml

Instrument :
FID_D
ClientSampleId :
PB144023BS



#22 n-Tetracontane (C40)

R.T.: 21.161 min
Delta R.T.: -0.016 min
Response: 6762097
Conc: 62.81 ug/ml