

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD042221AL\
 Data File : FD037111.D
 Signal(s) : FID2B.CH
 Acq On : 23 Apr 2021 12:20
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 54 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: Apr 23 12:46:44 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Alaphatic EPH 042121.M
 Quant Title : GC Extractables
 QLast Update : Thu Apr 22 03:31:40 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)	11.476	2303622	19.729 ug/ml
Spiked Amount 50.000		Recovery =	39.46%
12) S 1-chlorooctadecane (S...	12.910	1724345	20.382 ug/ml
Spiked Amount 50.000		Recovery =	40.76%
Target Compounds			
1) T n-Nonane (C9)	3.279	2321609	19.704 ug/ml
2) T n-Decane (C10)	4.339	2341335	19.742 ug/ml
3) T A~Naphthalene (C11.7)	5.911	2573886	19.613 ug/ml
4) T n-Dodecane (C12)	6.347	2340234	19.707 ug/ml
5) T A~2-methylnaphthalene...	6.963	2576357	19.648 ug/ml
6) T n-Tetradecane (C14)	8.135	2282364	19.717 ug/ml
7) T n-Hexadecane (C16)	9.729	2167697	19.717 ug/ml
8) T n-Octadecane (C18)	11.164	2176028	19.846 ug/ml
10) T n-Eicosane (C20)	12.468	2116492	19.953 ug/ml
11) T n-Heneicosane (C21)	13.077	2080200	19.800 ug/ml
13) T n-Docosane (C22)	13.660	2077231	20.207 ug/ml
14) T n-Tetracosane (C24)	14.758	2098036	20.712 ug/ml
15) T n-Hexacosane (C26)	15.773	2055939	21.050 ug/ml
16) T n-Octacosane (C28)	16.718	2053282	21.361 ug/ml
17) T n-Tricontane (C30)	17.600	2045392	21.269 ug/ml
18) T n-Dotriacontane (C32)	18.428	2004189	20.378 ug/ml
19) T n-Tetratriacontane (C34)	19.205	1924046	20.271 ug/ml
20) T n-Hexatriacontane (C36)	19.940	1831742	19.450 ug/ml
21) T n-Octatriacontane (C38)	20.651	1744850	20.267 ug/ml
22) T n-Tetracontane (C40)	21.499	1807787	18.841 ug/ml

(f)=RT Delta > 1/2 Window

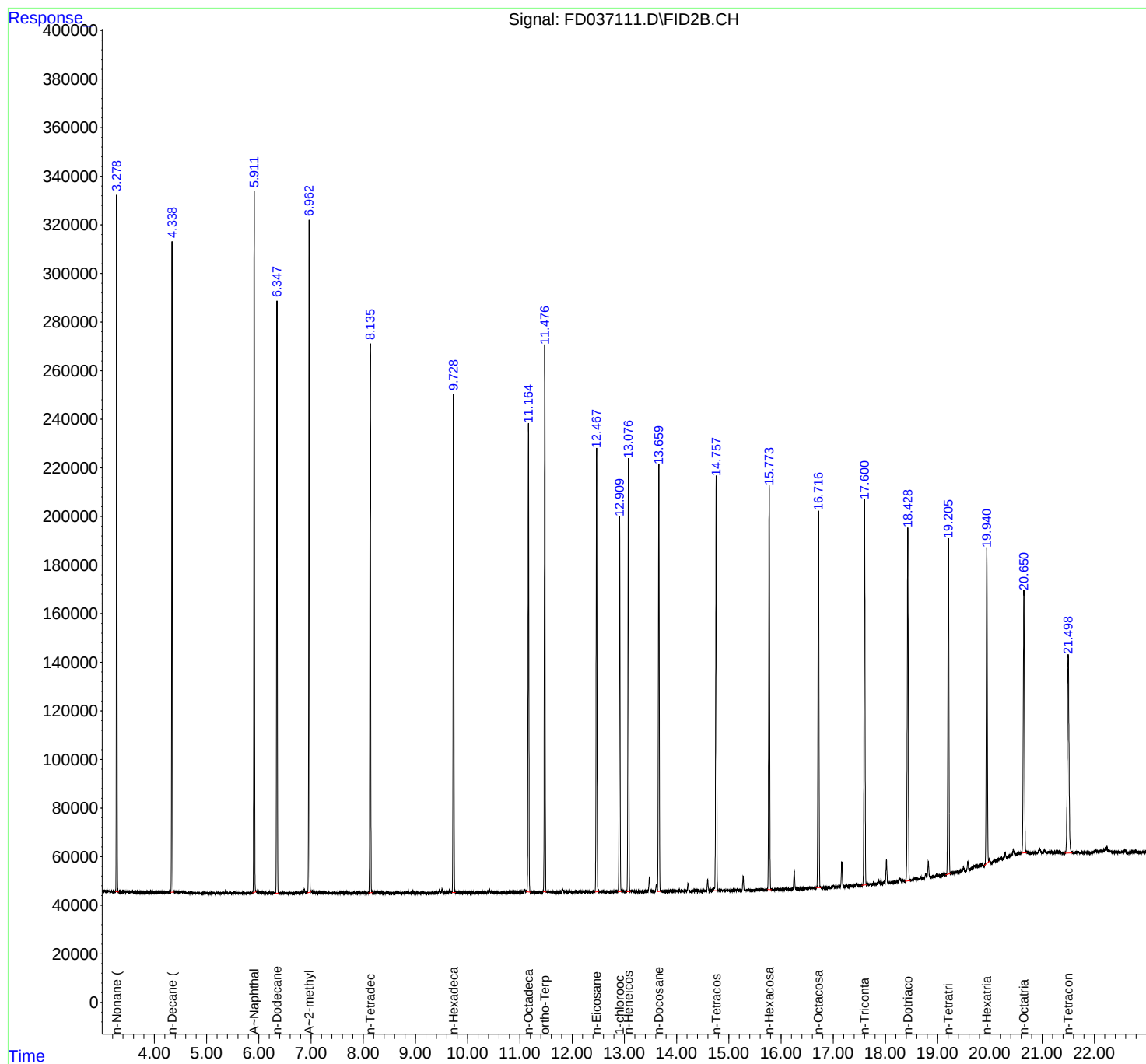
(m)=manual int.

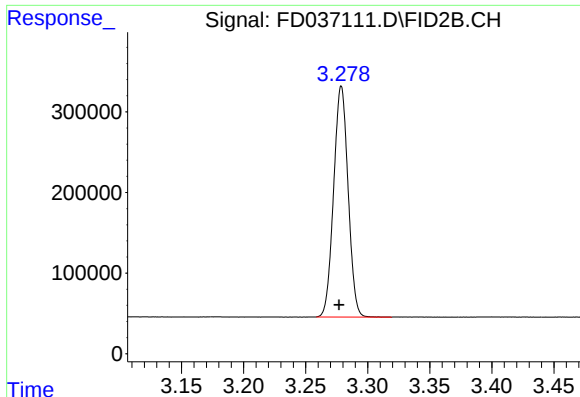
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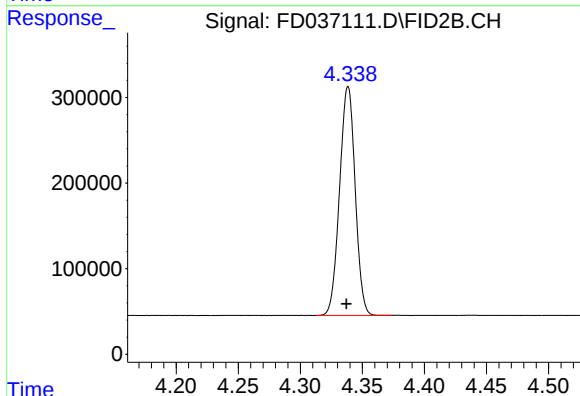




#1 n-Nonane (C9)

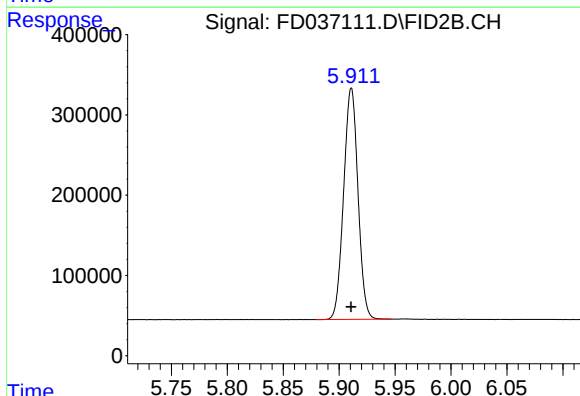
R.T.: 3.279 min
Delta R.T.: 0.002 min
Response: 2321609
Conc: 19.70 ug/ml

Instrument :
FID_D
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20 PPM ALIPHATIC HC STD



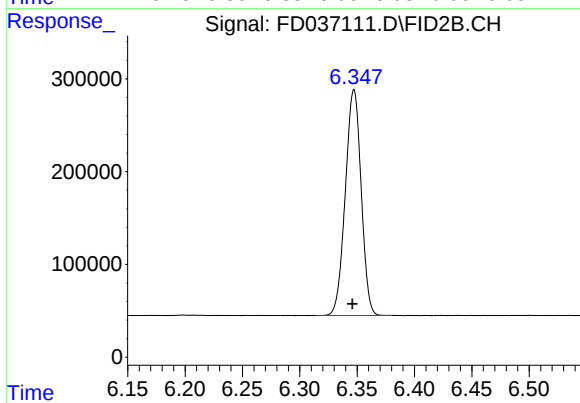
#2 n-Decane (C10)

R.T.: 4.339 min
Delta R.T.: 0.001 min
Response: 2341335
Conc: 19.74 ug/ml



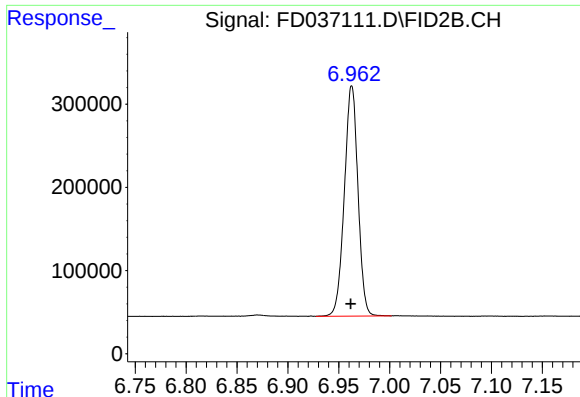
#3 A~Naphthalene (C11.7)

R.T.: 5.911 min
Delta R.T.: 0.000 min
Response: 2573886
Conc: 19.61 ug/ml



#4 n-Dodecane (C12)

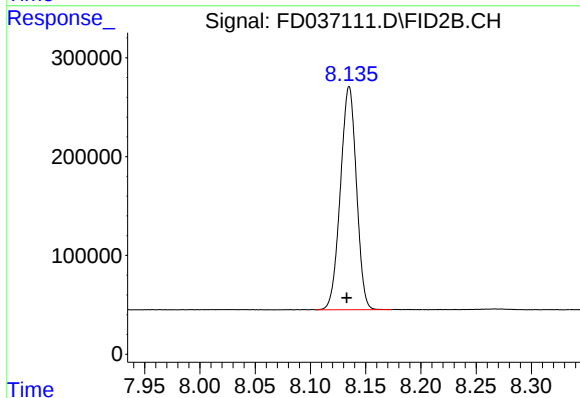
R.T.: 6.347 min
Delta R.T.: 0.002 min
Response: 2340234
Conc: 19.71 ug/ml



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

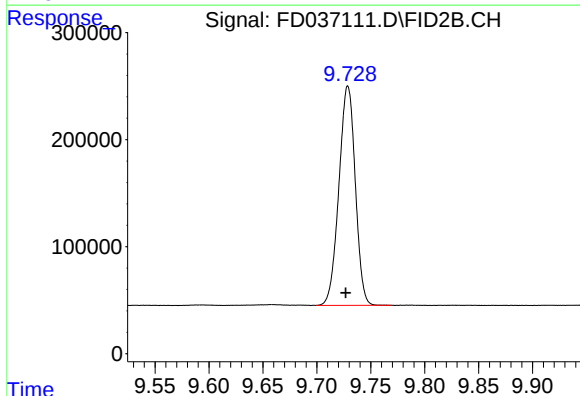
R.T.: 6.963 min
Delta R.T.: 0.001 min
Response: 2576357
Conc: 19.65 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM ALIPHATIC HC STD



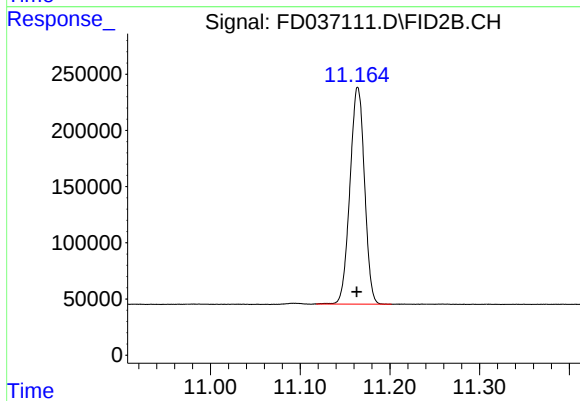
#6 n-Tetradecane (C14)

R.T.: 8.135 min
Delta R.T.: 0.002 min
Response: 2282364
Conc: 19.72 ug/ml



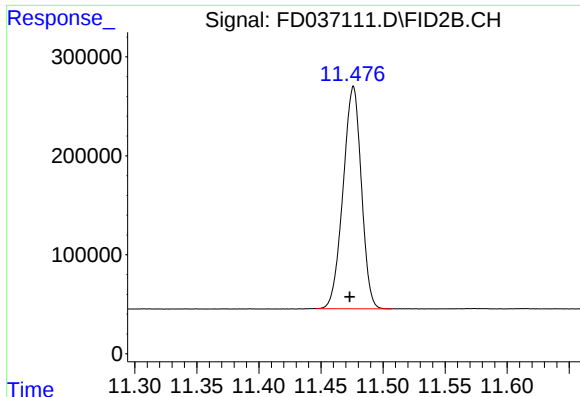
#7 n-Hexadecane (C16)

R.T.: 9.729 min
Delta R.T.: 0.002 min
Response: 2167697
Conc: 19.72 ug/ml



#8 n-Octadecane (C18)

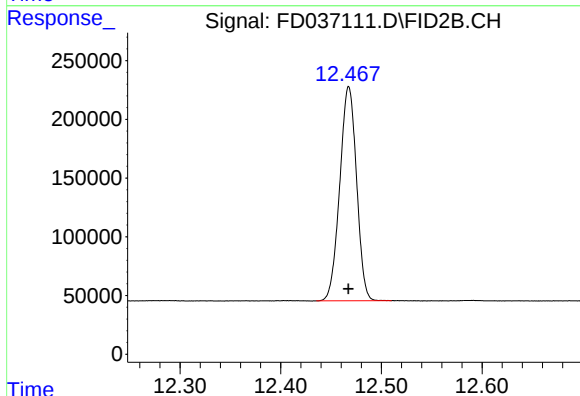
R.T.: 11.164 min
Delta R.T.: 0.001 min
Response: 2176028
Conc: 19.85 ug/ml



#9 ortho-Terphenyl (SURR)

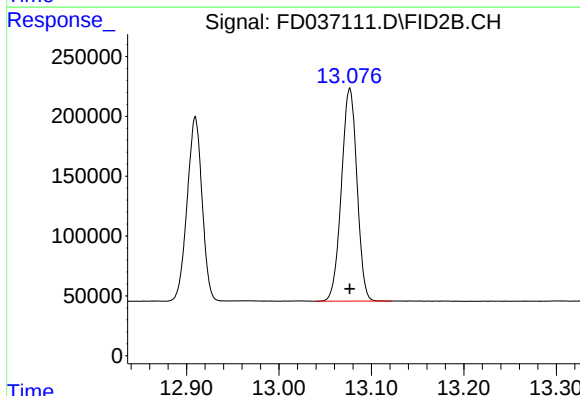
R.T.: 11.476 min
Delta R.T.: 0.003 min
Response: 2303622
Conc: 19.73 ug/ml

Instrument :
FID_D
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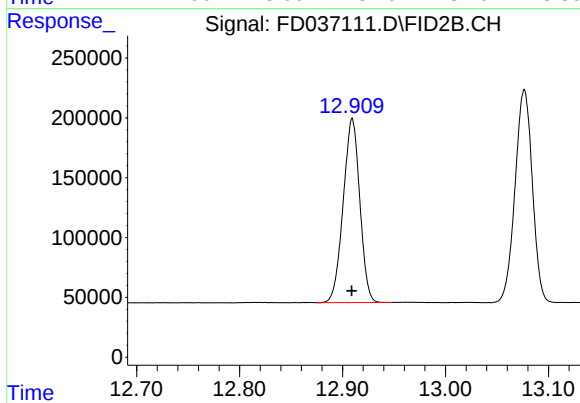
#10 n-Eicosane (C20)

R.T.: 12.468 min
Delta R.T.: 0.000 min
Response: 2116492
Conc: 19.95 ug/ml



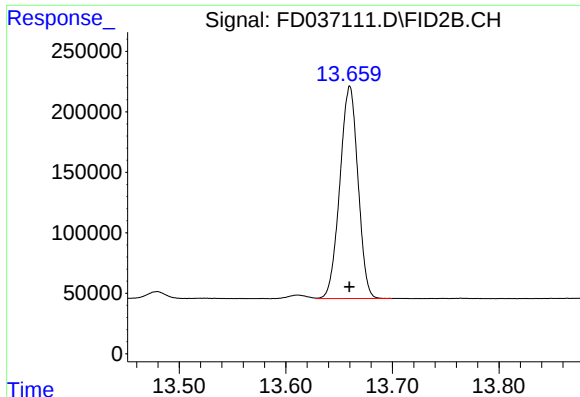
#11 n-Heneicosane (C21)

R.T.: 13.077 min
Delta R.T.: 0.000 min
Response: 2080200
Conc: 19.80 ug/ml



#12 1-chlorooctadecane (SURR)

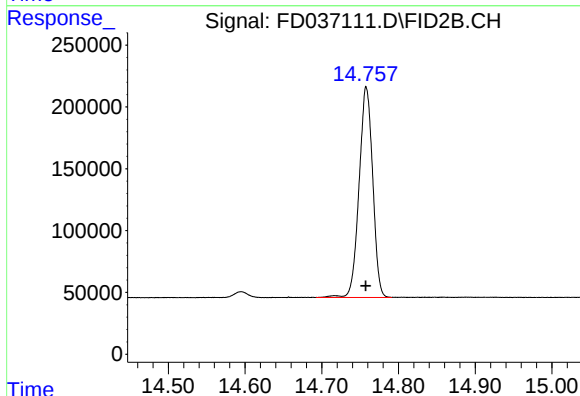
R.T.: 12.910 min
Delta R.T.: 0.000 min
Response: 1724345
Conc: 20.38 ug/ml



#13 n-Docosane (C22)

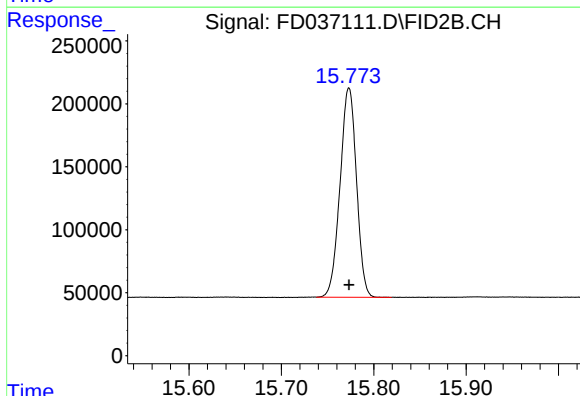
R.T.: 13.660 min
Delta R.T.: 0.000 min
Response: 2077231
Conc: 20.21 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM ALIPHATIC HC STD



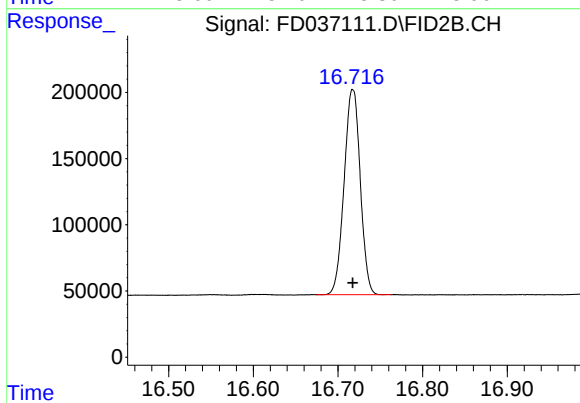
#14 n-Tetracosane (C24)

R.T.: 14.758 min
Delta R.T.: 0.000 min
Response: 2098036
Conc: 20.71 ug/ml



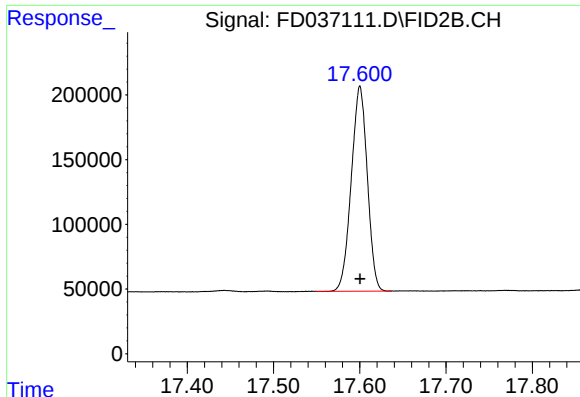
#15 n-Hexacosane (C26)

R.T.: 15.773 min
Delta R.T.: 0.000 min
Response: 2055939
Conc: 21.05 ug/ml



#16 n-Octacosane (C28)

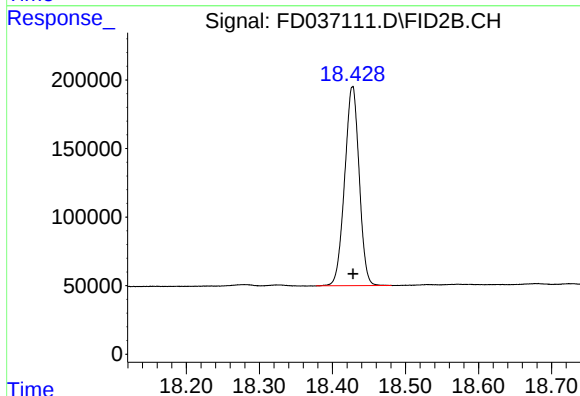
R.T.: 16.718 min
Delta R.T.: 0.000 min
Response: 2053282
Conc: 21.36 ug/ml



#17 n-Tricontane (C30)

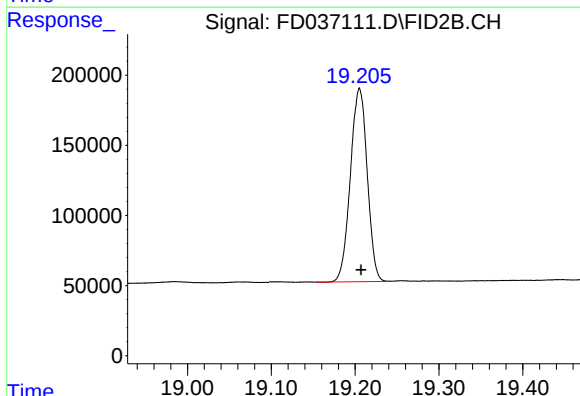
R.T.: 17.600 min
Delta R.T.: 0.000 min
Response: 2045392
Conc: 21.27 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



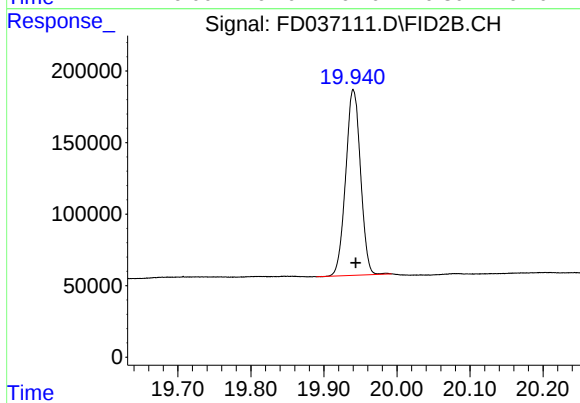
#18 n-Dotriacontane (C32)

R.T.: 18.428 min
Delta R.T.: 0.000 min
Response: 2004189
Conc: 20.38 ug/ml



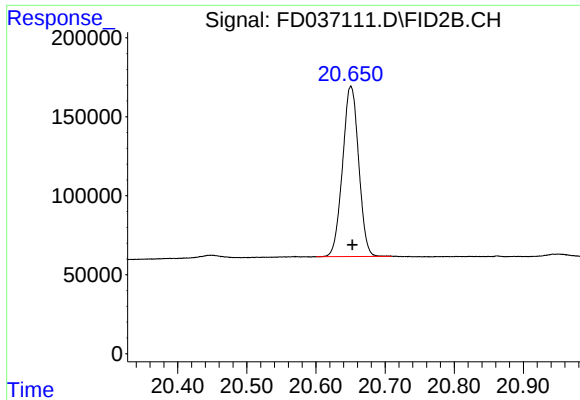
#19 n-Tetratriacontane (C34)

R.T.: 19.205 min
Delta R.T.: -0.002 min
Response: 1924046
Conc: 20.27 ug/ml



#20 n-Hexatriacontane (C36)

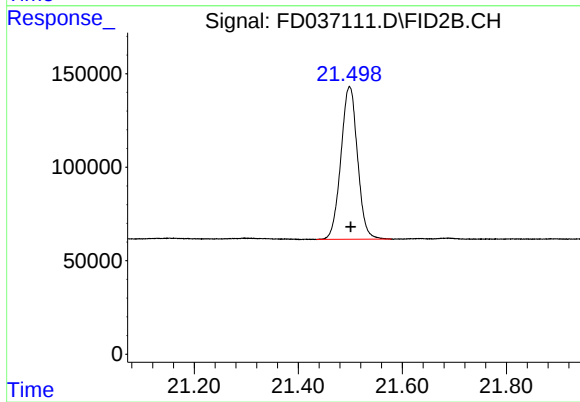
R.T.: 19.940 min
Delta R.T.: -0.003 min
Response: 1831742
Conc: 19.45 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.651 min
Delta R.T.: -0.002 min
Response: 1744850
Conc: 20.27 ug/ml

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FID_D
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20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 21.499 min
Delta R.T.: -0.002 min
Response: 1807787
Conc: 18.84 ug/ml