

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD051121AL\
 Data File : FD037465.D
 Signal(s) : FID2B.CH
 Acq On : 11 May 2021 18:57
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 55 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: May 12 04:22:23 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)	11.462	2376455	20.352 ug/ml
Spiked Amount 50.000		Recovery =	40.70%
12) S 1-chlorooctadecane (S...	12.897	1742152	20.592 ug/ml
Spiked Amount 50.000		Recovery =	41.18%
Target Compounds			
1) T n-Nonane (C9)	3.264	2435760	20.672 ug/ml
2) T n-Decane (C10)	4.324	2467753	20.808 ug/ml
3) T A~Naphthalene (C11.7)	5.896	2694631	20.533 ug/ml
4) T n-Dodecane (C12)	6.333	2483190	20.911 ug/ml
5) T A~2-methylnaphthalene...	6.949	2681200	20.448 ug/ml
6) T n-Tetradecane (C14)	8.122	2433894	21.026 ug/ml
7) T n-Hexadecane (C16)	9.715	2304280	20.959 ug/ml
8) T n-Octadecane (C18)	11.151	2292079	20.905 ug/ml
10) T n-Eicosane (C20)	12.455	2194500	20.688 ug/ml
11) T n-Heneicosane (C21)	13.064	2143624	20.404 ug/ml
13) T n-Docosane (C22)	13.648	2122686	20.649 ug/ml
14) T n-Tetracosane (C24)	14.746	2124014	20.969 ug/ml
15) T n-Hexacosane (C26)	15.761	2097701	21.478 ug/ml
16) T n-Octacosane (C28)	16.705	2119710	22.052 ug/ml
17) T n-Tricontane (C30)	17.588	2156675	22.426 ug/ml
18) T n-Dotriacontane (C32)	18.417	2143871	21.798 ug/ml
19) T n-Tetratriacontane (C34)	19.196	2084887	21.965 ug/ml
20) T n-Hexatriacontane (C36)	19.932	1981894	21.045 ug/ml
21) T n-Octatriacontane (C38)	20.642	1856083	21.559 ug/ml
22) T n-Tetracontane (C40)	21.485	1866511	19.453 ug/ml

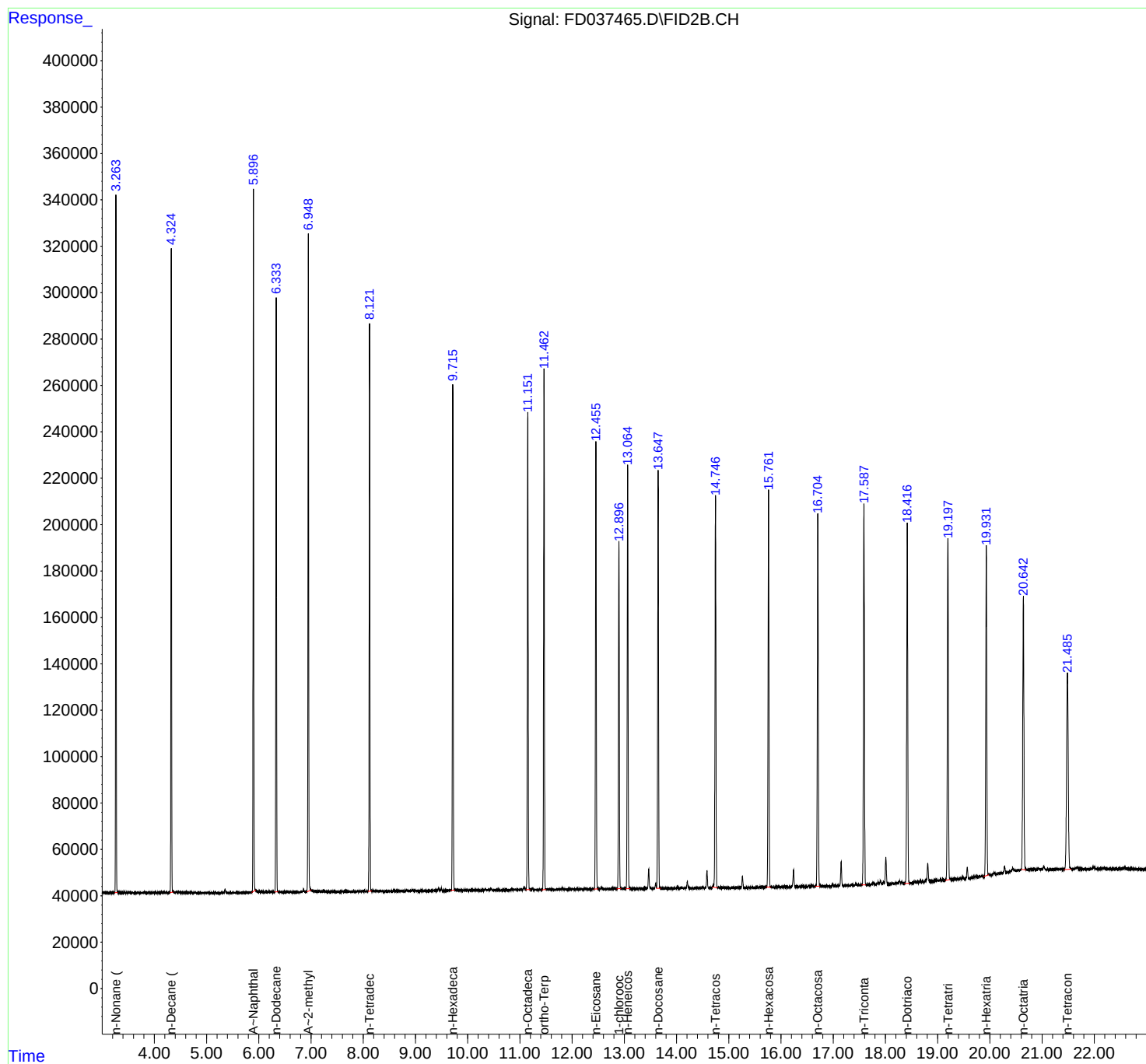
(f)=RT Delta > 1/2 Window

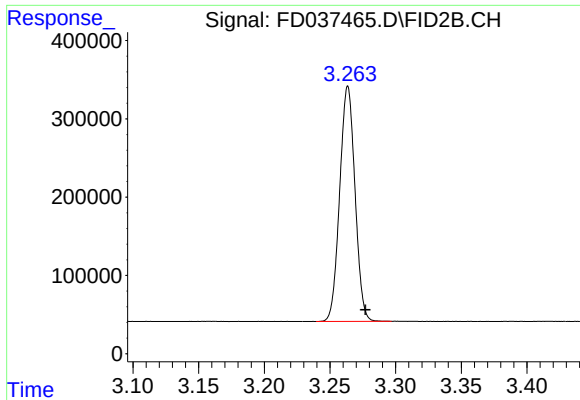
(m)=manual int.

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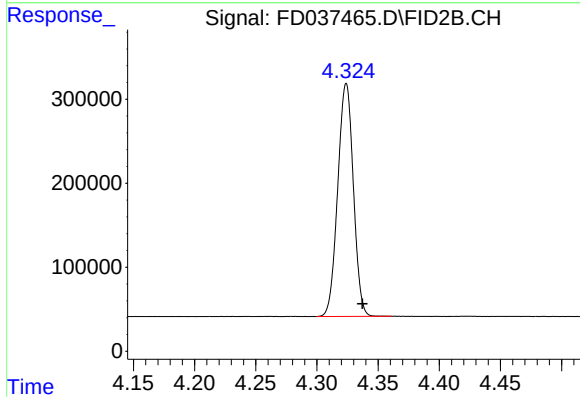
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Signal Info : 20M x 0.18mm x 0.18um





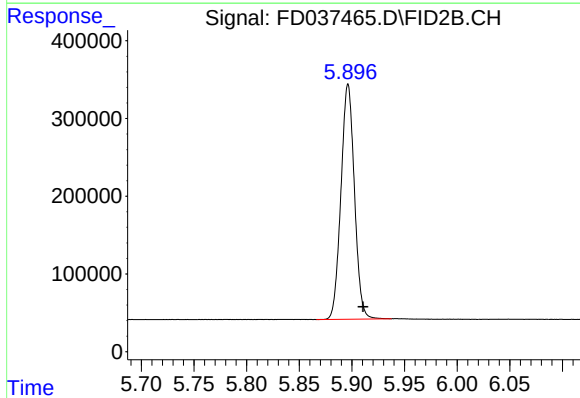
#1 n-Nonane (C9)

R.T.: 3.264 min
Delta R.T.: -0.013 min
Response: 2435760
Conc: 20.67 ug/ml



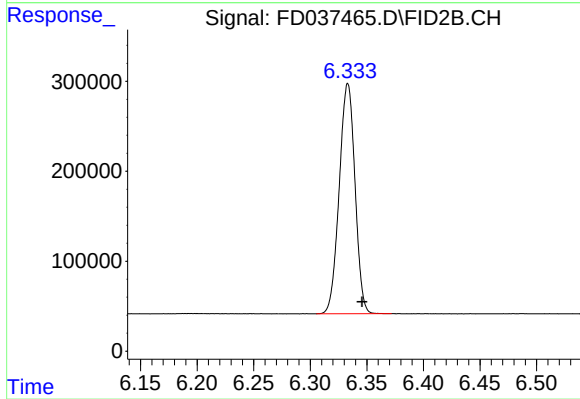
#2 n-Decane (C10)

R.T.: 4.324 min
Delta R.T.: -0.013 min
Response: 2467753
Conc: 20.81 ug/ml



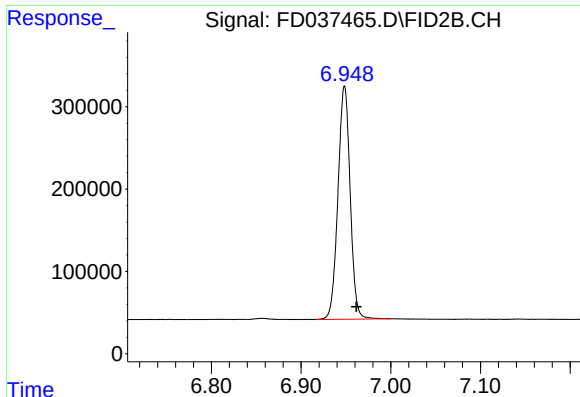
#3 A~Naphthalene (C11.7)

R.T.: 5.896 min
Delta R.T.: -0.014 min
Response: 2694631
Conc: 20.53 ug/ml



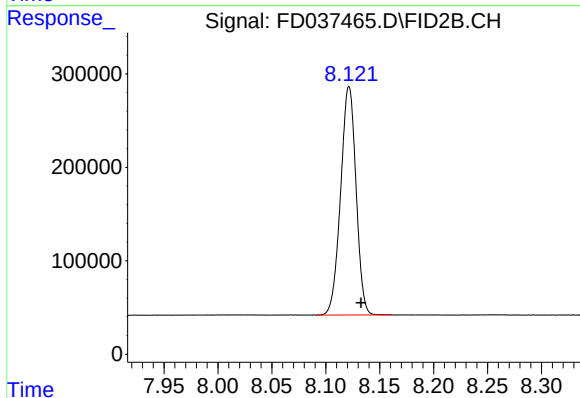
#4 n-Dodecane (C12)

R.T.: 6.333 min
Delta R.T.: -0.013 min
Response: 2483190
Conc: 20.91 ug/ml



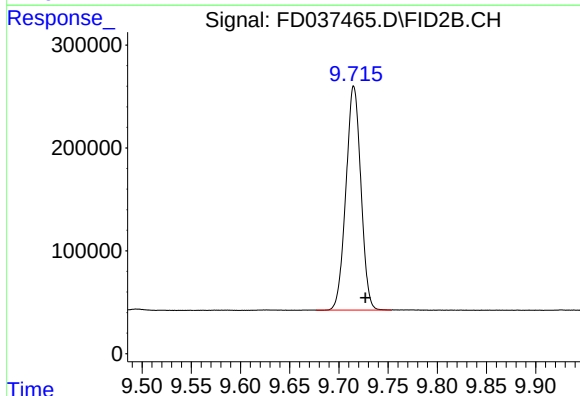
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.949 min
Delta R.T.: -0.013 min
Response: 2681200
Conc: 20.45 ug/ml



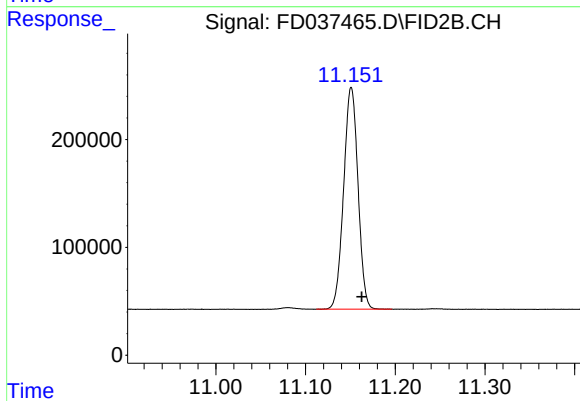
#6 n-Tetradecane (C14)

R.T.: 8.122 min
Delta R.T.: -0.011 min
Response: 2433894
Conc: 21.03 ug/ml



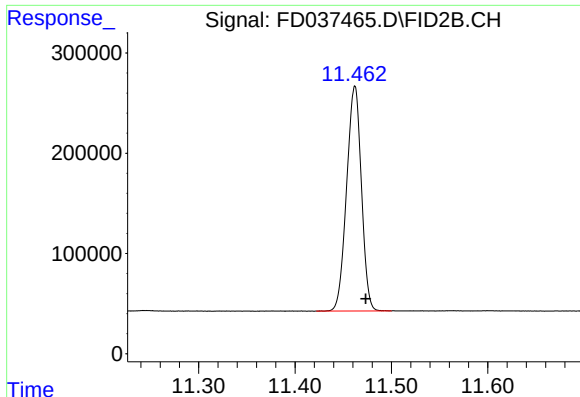
#7 n-Hexadecane (C16)

R.T.: 9.715 min
Delta R.T.: -0.012 min
Response: 2304280
Conc: 20.96 ug/ml



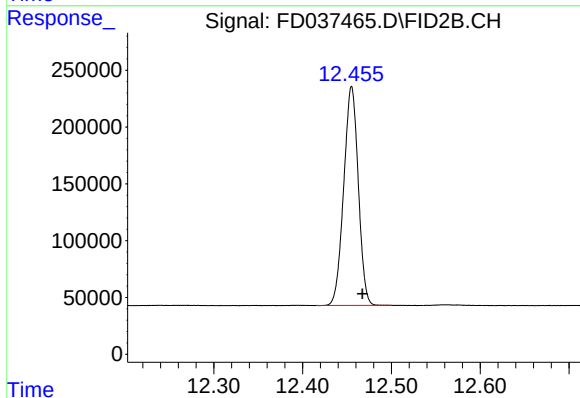
#8 n-Octadecane (C18)

R.T.: 11.151 min
Delta R.T.: -0.012 min
Response: 2292079
Conc: 20.90 ug/ml



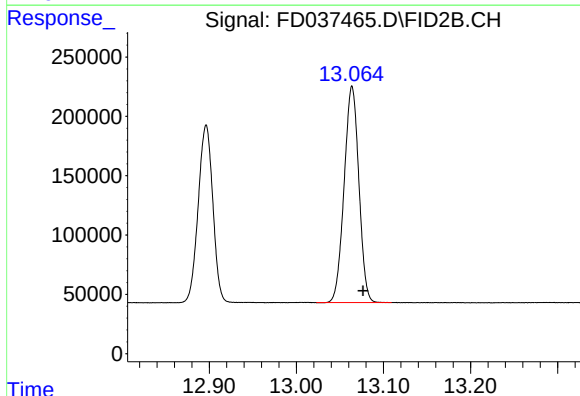
#9 ortho-Terphenyl (SURR)

R.T.: 11.462 min
Delta R.T.: -0.011 min
Response: 2376455
Conc: 20.35 ug/ml



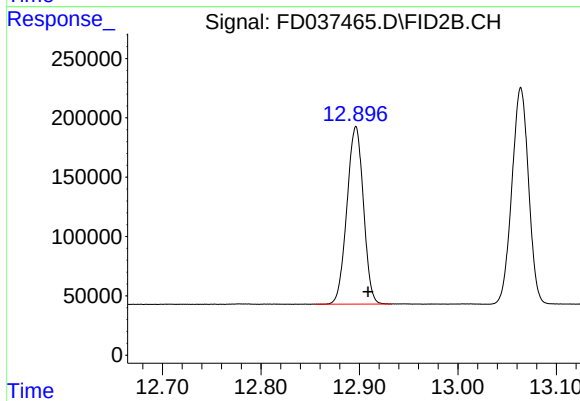
#10 n-Eicosane (C20)

R.T.: 12.455 min
Delta R.T.: -0.012 min
Response: 2194500
Conc: 20.69 ug/ml



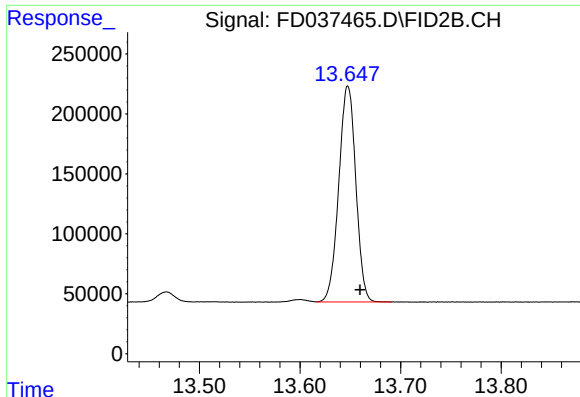
#11 n-Heneicosane (C21)

R.T.: 13.064 min
Delta R.T.: -0.012 min
Response: 2143624
Conc: 20.40 ug/ml



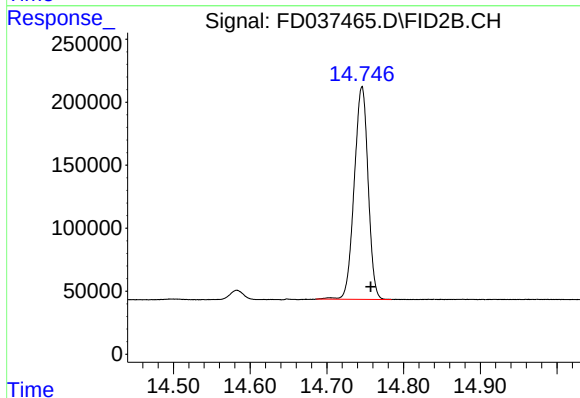
#12 1-chlorooctadecane (SURR)

R.T.: 12.897 min
Delta R.T.: -0.012 min
Response: 1742152
Conc: 20.59 ug/ml



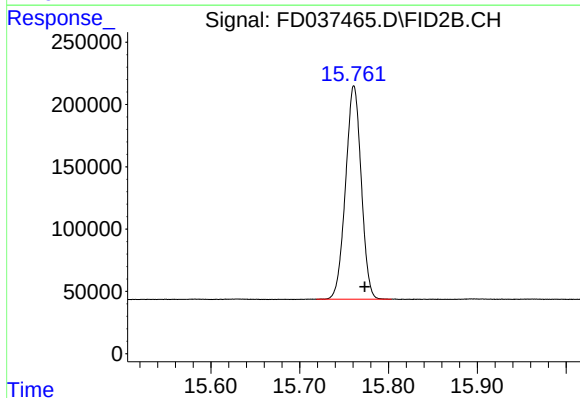
#13 n-Docosane (C22)

R.T.: 13.648 min
Delta R.T.: -0.012 min
Response: 2122686
Conc: 20.65 ug/ml



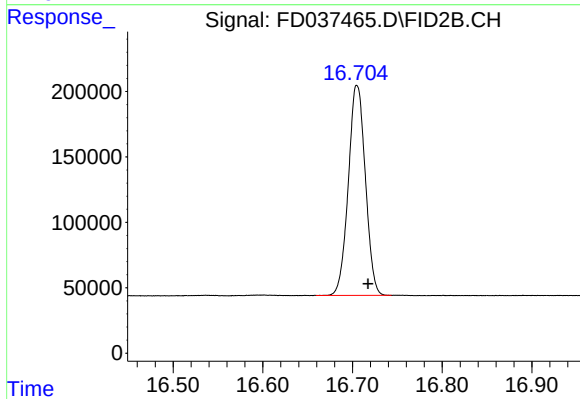
#14 n-Tetracosane (C24)

R.T.: 14.746 min
Delta R.T.: -0.011 min
Response: 2124014
Conc: 20.97 ug/ml



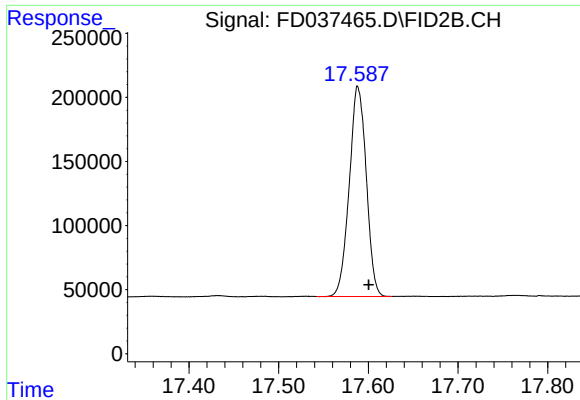
#15 n-Hexacosane (C26)

R.T.: 15.761 min
Delta R.T.: -0.012 min
Response: 2097701
Conc: 21.48 ug/ml



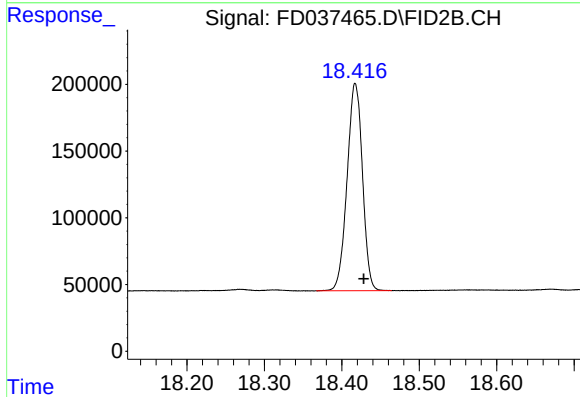
#16 n-Octacosane (C28)

R.T.: 16.705 min
Delta R.T.: -0.012 min
Response: 2119710
Conc: 22.05 ug/ml



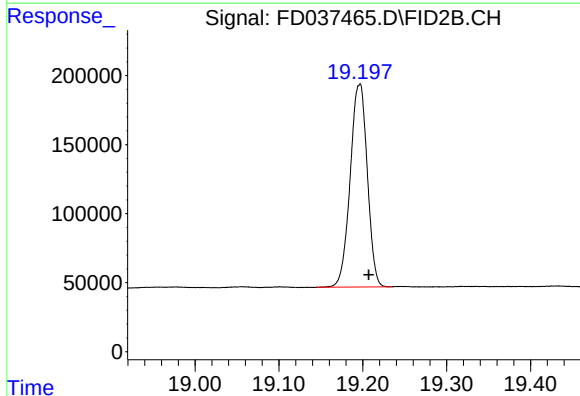
#17 n-Tricontane (C30)

R.T.: 17.588 min
Delta R.T.: -0.012 min
Response: 2156675
Conc: 22.43 ug/ml



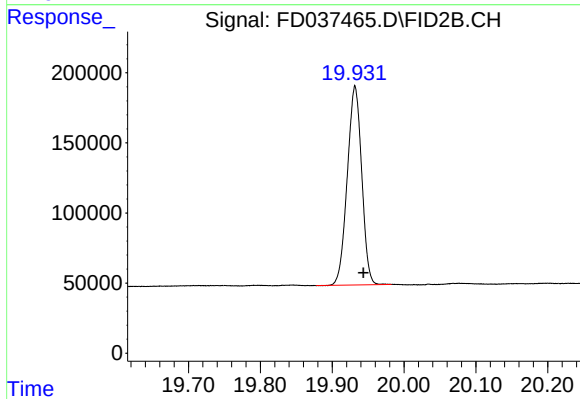
#18 n-Dotriacontane (C32)

R.T.: 18.417 min
Delta R.T.: -0.011 min
Response: 2143871
Conc: 21.80 ug/ml



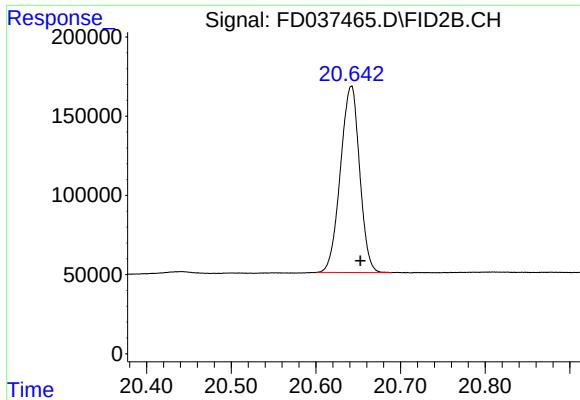
#19 n-Tetratriacontane (C34)

R.T.: 19.196 min
Delta R.T.: -0.011 min
Response: 2084887
Conc: 21.97 ug/ml



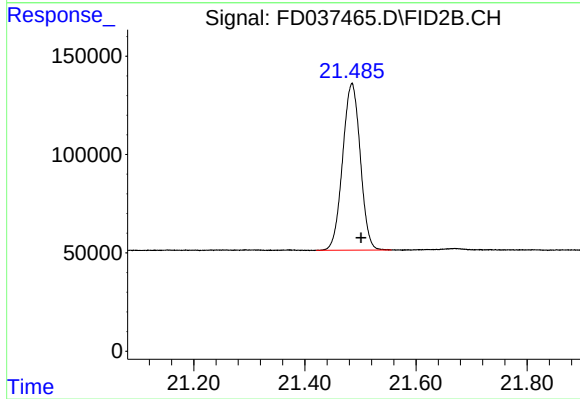
#20 n-Hexatriacontane (C36)

R.T.: 19.932 min
Delta R.T.: -0.012 min
Response: 1981894
Conc: 21.04 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.642 min
Delta R.T.: -0.011 min
Response: 1856083
Conc: 21.56 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.485 min
Delta R.T.: -0.016 min
Response: 1866511
Conc: 19.45 ug/ml