

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD060920AL\
 Data File : FD033686.D
 Signal(s) : FID2B.CH
 Acq On : 09 Jun 2020 21:40
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Jun 10 02:45:45 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Alaphatic EPH 051920.M
 Quant Title : GC Extractables
 QLast Update : Wed May 20 07:22:05 2020
 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)	11.464	2637613	19.397 ug/ml
Spiked Amount 50.000		Recovery =	38.79%
12) S 1-chlorooctadecane (S...	12.895	2098160	18.869 ug/ml
Spiked Amount 50.000		Recovery =	37.74%
Target Compounds			
1) T n-Nonane (C9)	3.284	2482496	21.622 ug/ml
2) T n-Decane (C10)	4.342	2513888	21.840 ug/ml
3) T A~Naphthalene (C11.7)	5.914	2671201	21.552 ug/ml
4) T n-Dodecane (C12)	6.344	2571065	21.579 ug/ml
5) T A~2-methylnaphthalene...	6.963	2694670	21.669 ug/ml
6) T n-Tetradecane (C14)	8.127	2547636	21.105 ug/ml
7) T n-Hexadecane (C16)	9.718	2466672	20.656 ug/ml
8) T n-Octadecane (C18)	11.151	2513596	19.821 ug/ml
10) T n-Eicosane (C20)	12.453	2469658	19.139 ug/ml
11) T n-Heneicosane (C21)	13.062	2436772	18.912 ug/ml
13) T n-Docosane (C22)	13.644	2404086	18.732 ug/ml
14) T n-Tetracosane (C24)	14.741	2334258	18.343 ug/ml
15) T n-Hexacosane (C26)	15.757	2255604	17.996 ug/ml
16) T n-Octacosane (C28)	16.702	2211611	17.792 ug/ml
17) T n-Tricontane (C30)	17.584	2137128	17.760 ug/ml
18) T n-Dotriacontane (C32)	18.411	1974602	18.031 ug/ml
19) T n-Tetratriacontane (C34)	19.191	1903944	18.577 ug/ml
20) T n-Hexatriacontane (C36)	19.926	1838940	19.206 ug/ml
21) T n-Octatriacontane (C38)	20.634	1828142	20.399 ug/mlm
22) T n-Tetracontane (C40)	21.478	2187664	24.635 ug/mlm

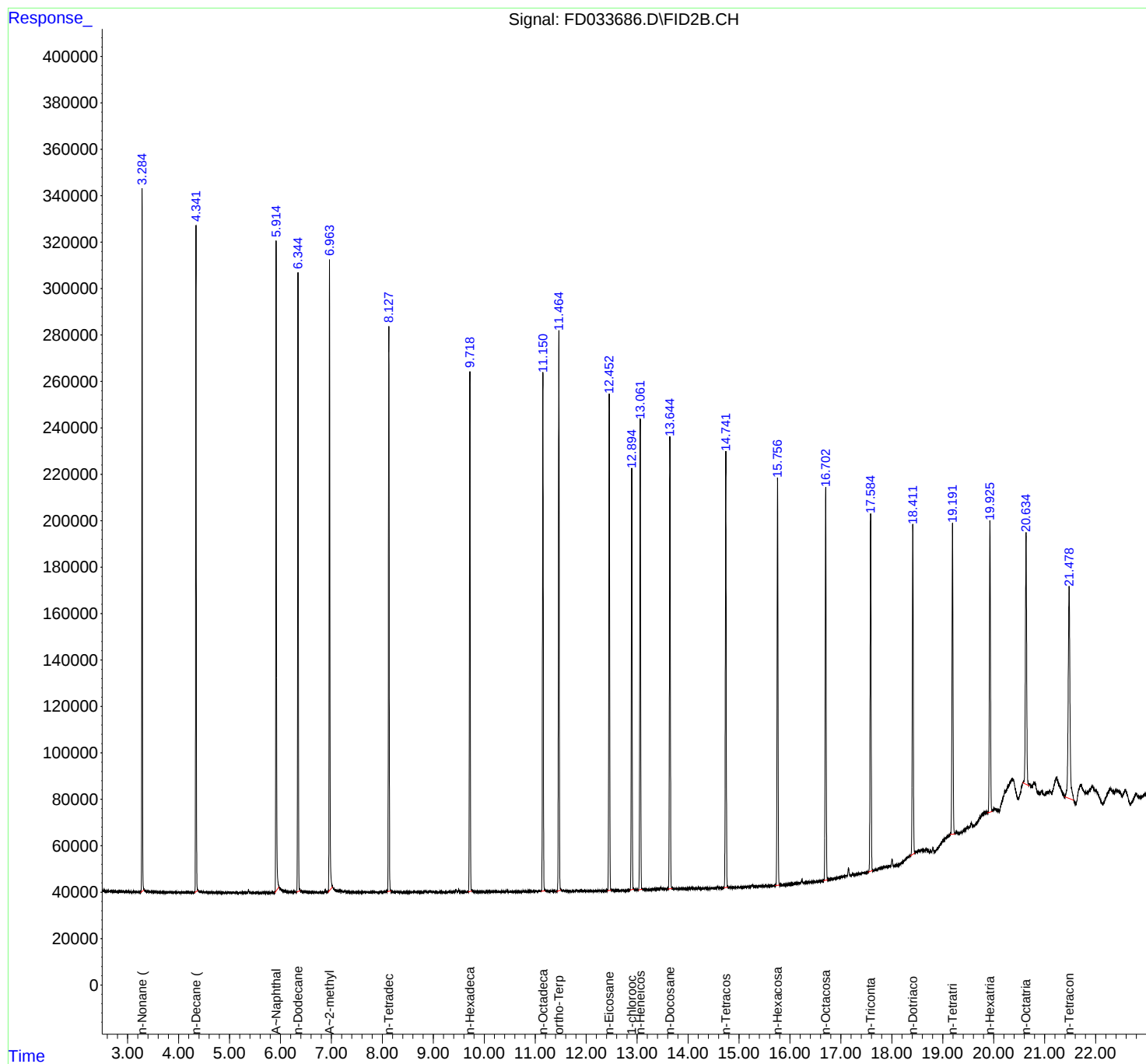
(f)=RT Delta > 1/2 Window

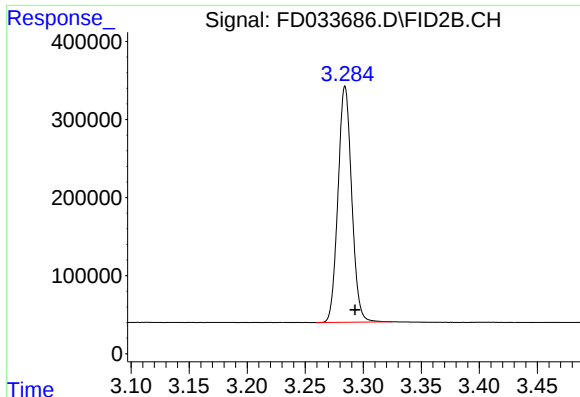
(m)=manual int.

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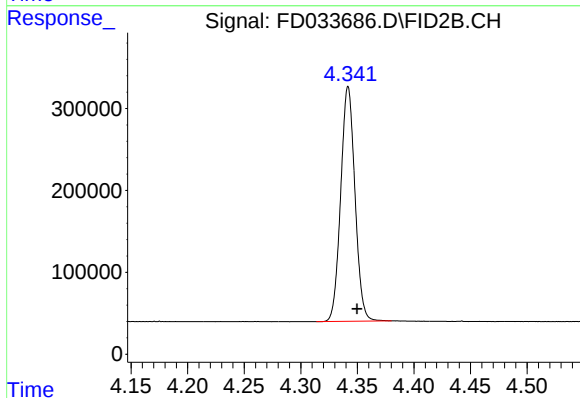
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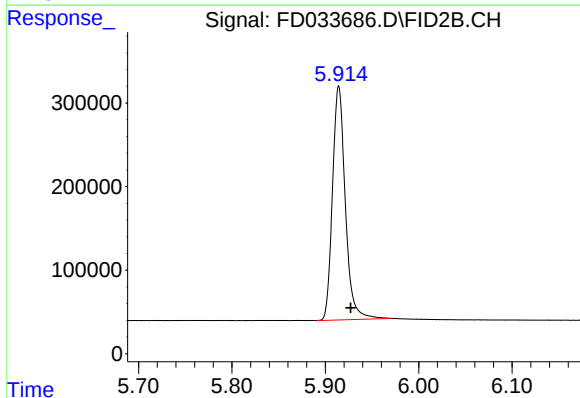
#1 n-Nonane (C9)

R.T.: 3.284 min
Delta R.T.: -0.009 min
Response: 2482496
Conc: 21.62 ug/ml



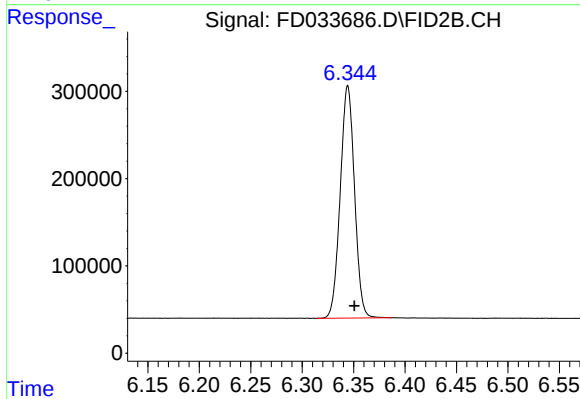
#2 n-Decane (C10)

R.T.: 4.342 min
Delta R.T.: -0.008 min
Response: 2513888
Conc: 21.84 ug/ml



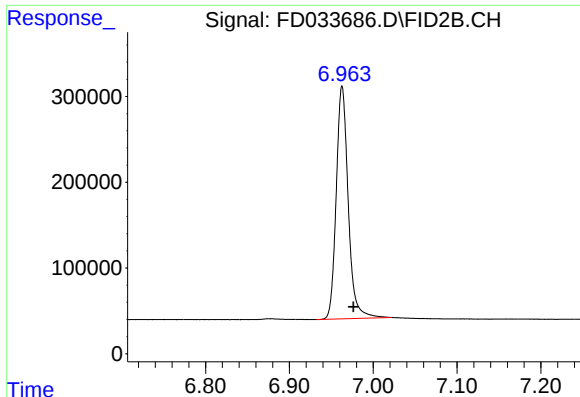
#3 A~Naphthalene (C11.7)

R.T.: 5.914 min
Delta R.T.: -0.013 min
Response: 2671201
Conc: 21.55 ug/ml



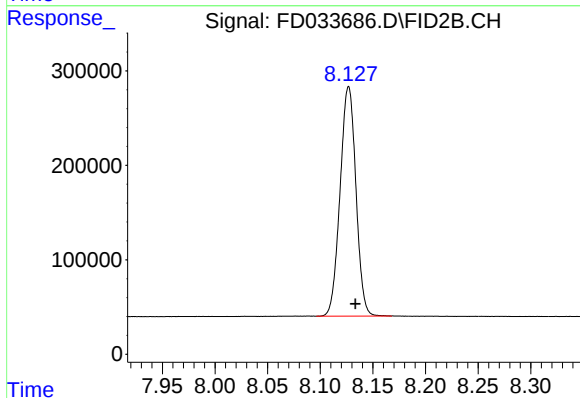
#4 n-Dodecane (C12)

R.T.: 6.344 min
Delta R.T.: -0.006 min
Response: 2571065
Conc: 21.58 ug/ml



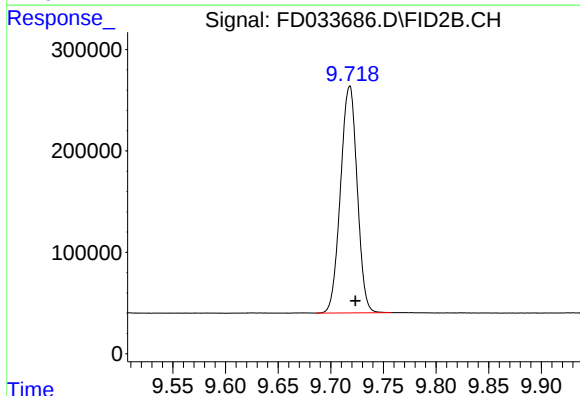
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.963 min
Delta R.T.: -0.014 min
Response: 2694670
Conc: 21.67 ug/ml



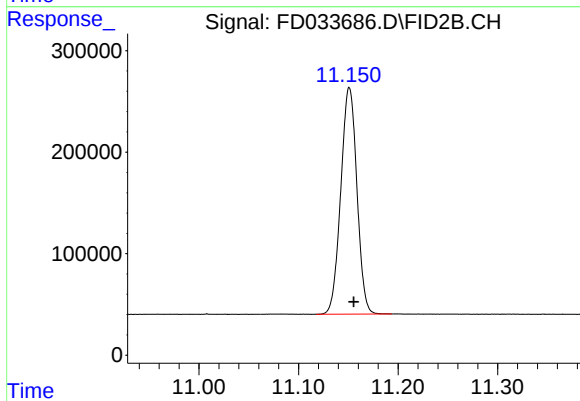
#6 n-Tetradecane (C14)

R.T.: 8.127 min
Delta R.T.: -0.006 min
Response: 2547636
Conc: 21.11 ug/ml



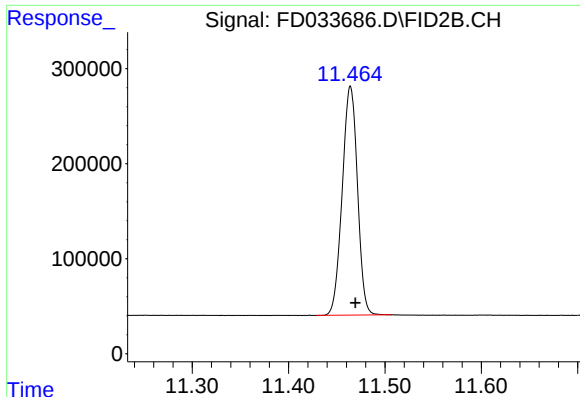
#7 n-Hexadecane (C16)

R.T.: 9.718 min
Delta R.T.: -0.005 min
Response: 2466672
Conc: 20.66 ug/ml



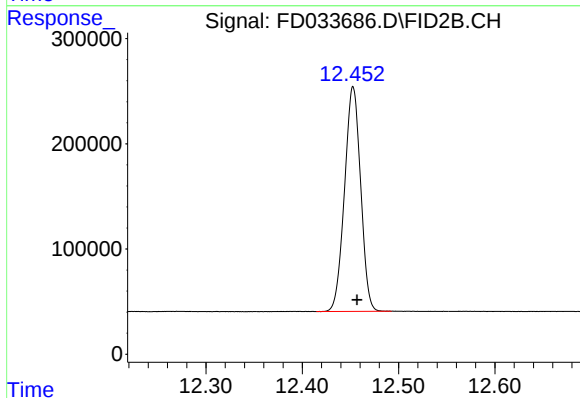
#8 n-Octadecane (C18)

R.T.: 11.151 min
Delta R.T.: -0.005 min
Response: 2513596
Conc: 19.82 ug/ml



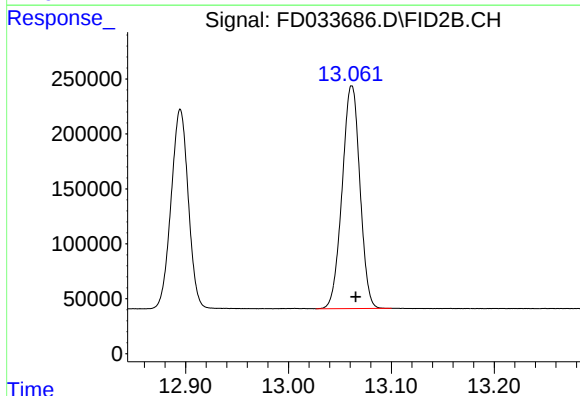
#9 ortho-Terphenyl (SURR)

R.T.: 11.464 min
Delta R.T.: -0.005 min
Response: 2637613
Conc: 19.40 ug/ml



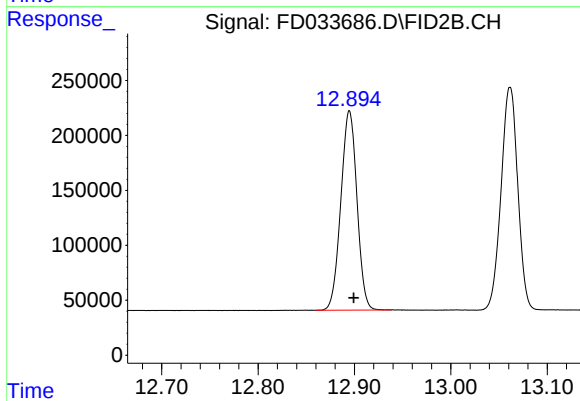
#10 n-Eicosane (C20)

R.T.: 12.453 min
Delta R.T.: -0.004 min
Response: 2469658
Conc: 19.14 ug/ml



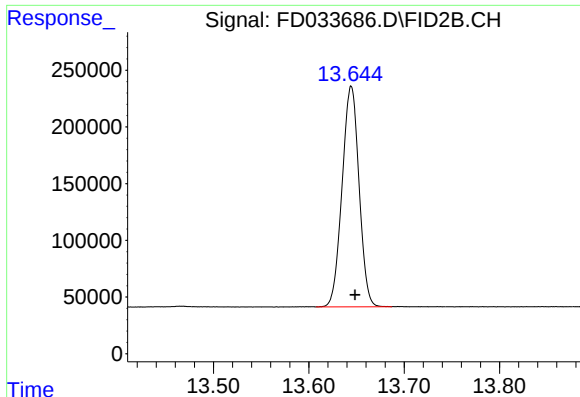
#11 n-Heneicosane (C21)

R.T.: 13.062 min
Delta R.T.: -0.004 min
Response: 2436772
Conc: 18.91 ug/ml



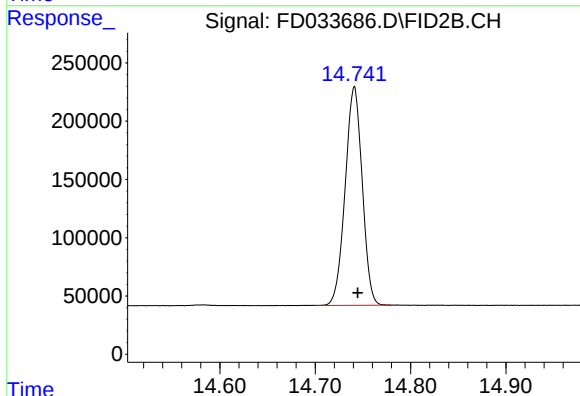
#12 1-chlorooctadecane (SURR)

R.T.: 12.895 min
Delta R.T.: -0.004 min
Response: 2098160
Conc: 18.87 ug/ml



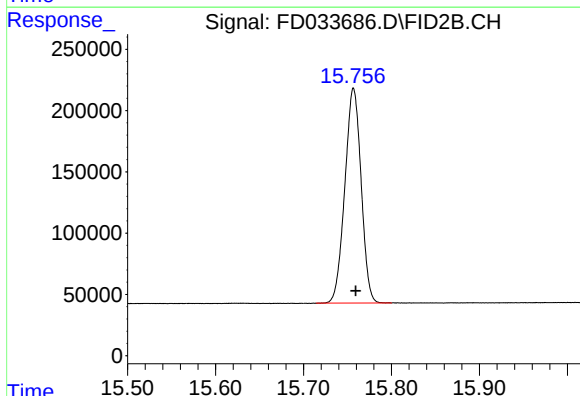
#13 n-Docosane (C22)

R.T.: 13.644 min
Delta R.T.: -0.004 min
Response: 2404086
Conc: 18.73 ug/ml



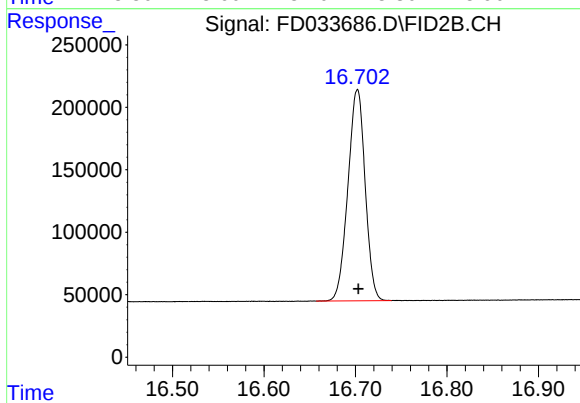
#14 n-Tetracosane (C24)

R.T.: 14.741 min
Delta R.T.: -0.004 min
Response: 2334258
Conc: 18.34 ug/ml



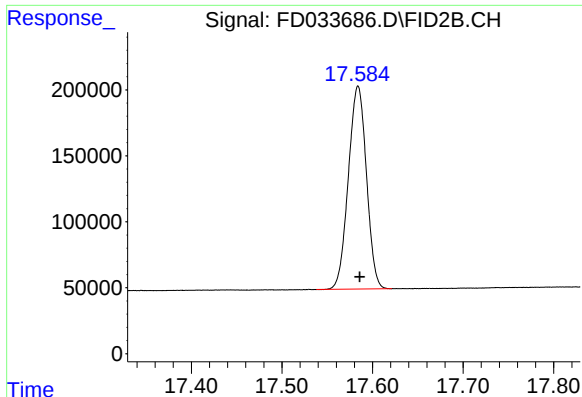
#15 n-Hexacosane (C26)

R.T.: 15.757 min
Delta R.T.: -0.002 min
Response: 2255604
Conc: 18.00 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.702 min
Delta R.T.: -0.001 min
Response: 2211611
Conc: 17.79 ug/ml



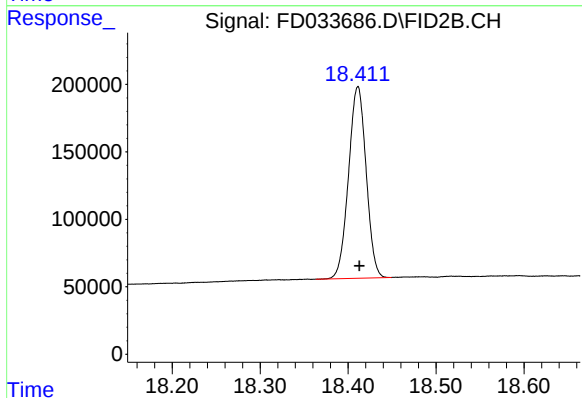
#17 n-Tricontane (C30)

R.T.: 17.584 min

Delta R.T.: -0.002 min

Response: 2137128

Conc: 17.76 ug/ml



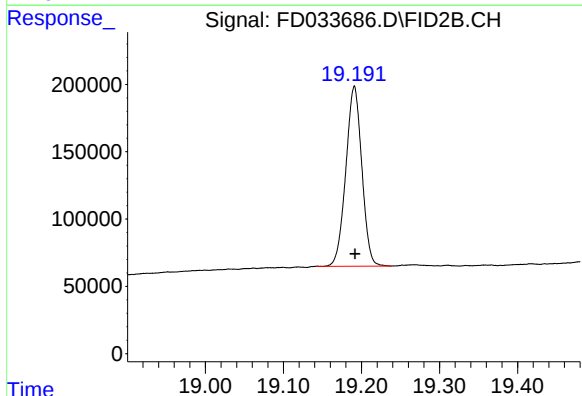
#18 n-Dotriacontane (C32)

R.T.: 18.411 min

Delta R.T.: -0.002 min

Response: 1974602

Conc: 18.03 ug/ml



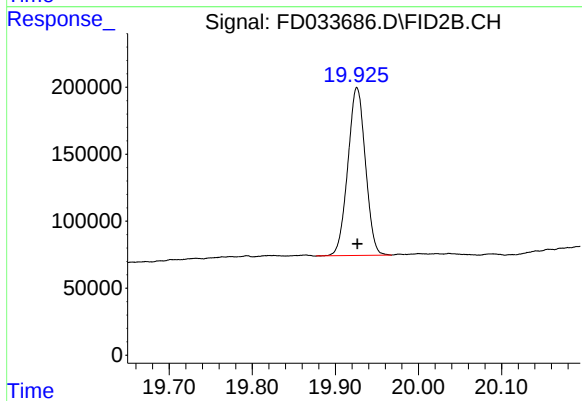
#19 n-Tetratriacontane (C34)

R.T.: 19.191 min

Delta R.T.: -0.001 min

Response: 1903944

Conc: 18.58 ug/ml



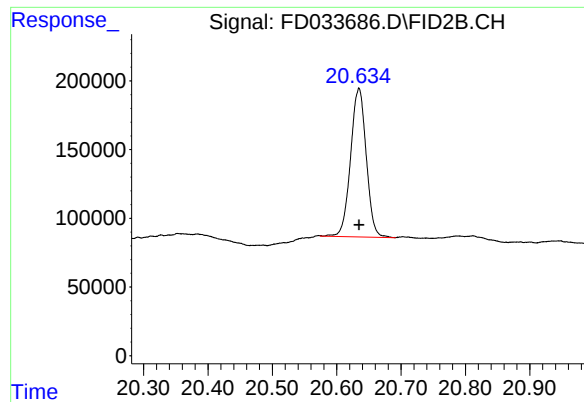
#20 n-Hexatriacontane (C36)

R.T.: 19.926 min

Delta R.T.: 0.000 min

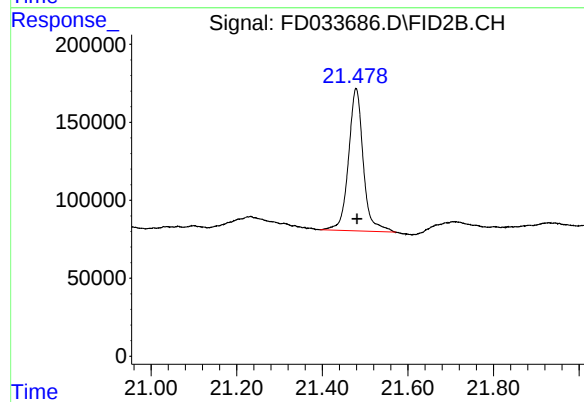
Response: 1838940

Conc: 19.21 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.634 min
Delta R.T.: 0.000 min
Response: 1828142
Conc: 20.40 ug/ml m



#22 n-Tetracontane (C40)

R.T.: 21.478 min
Delta R.T.: -0.003 min
Response: 2187664
Conc: 24.64 ug/ml m