

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD042621AL\
 Data File : FD037165.D
 Signal(s) : FID2B.CH
 Acq On : 26 Apr 2021 23:15
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Apr 27 02:02:43 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)	11.477	2230169	19.099 ug/ml
Spiked Amount 50.000		Recovery =	38.20%
12) S 1-chlorooctadecane (S...	12.911	1665125	19.682 ug/ml
Spiked Amount 50.000		Recovery =	39.36%
Target Compounds			
1) T n-Nonane (C9)	3.275	2340560	19.864 ug/ml
2) T n-Decane (C10)	4.337	2366148	19.952 ug/ml
3) T A~Naphthalene (C11.7)	5.912	2583488	19.686 ug/ml
4) T n-Dodecane (C12)	6.348	2360184	19.875 ug/ml
5) T A~2-methylnaphthalene...	6.965	2569395	19.595 ug/ml
6) T n-Tetradecane (C14)	8.136	2281872	19.713 ug/ml
7) T n-Hexadecane (C16)	9.730	2143440	19.496 ug/ml
8) T n-Octadecane (C18)	11.166	2116735	19.305 ug/ml
10) T n-Eicosane (C20)	12.469	2038016	19.213 ug/ml
11) T n-Heneicosane (C21)	13.078	1997516	19.013 ug/ml
13) T n-Docosane (C22)	13.661	1969890	19.162 ug/ml
14) T n-Tetracosane (C24)	14.759	1945886	19.210 ug/ml
15) T n-Hexacosane (C26)	15.775	1927771	19.738 ug/ml
16) T n-Octacosane (C28)	16.719	1924458	20.021 ug/ml
17) T n-Tricontane (C30)	17.601	1949533	20.272 ug/ml
18) T n-Dotriacontane (C32)	18.429	1950222	19.829 ug/ml
19) T n-Tetratriacontane (C34)	19.208	1921484	20.244 ug/ml
20) T n-Hexatriacontane (C36)	19.944	1866281	19.817 ug/ml
21) T n-Octatriacontane (C38)	20.654	1824854	21.196 ug/ml
22) T n-Tetracontane (C40)	21.502	1832339	19.097 ug/ml

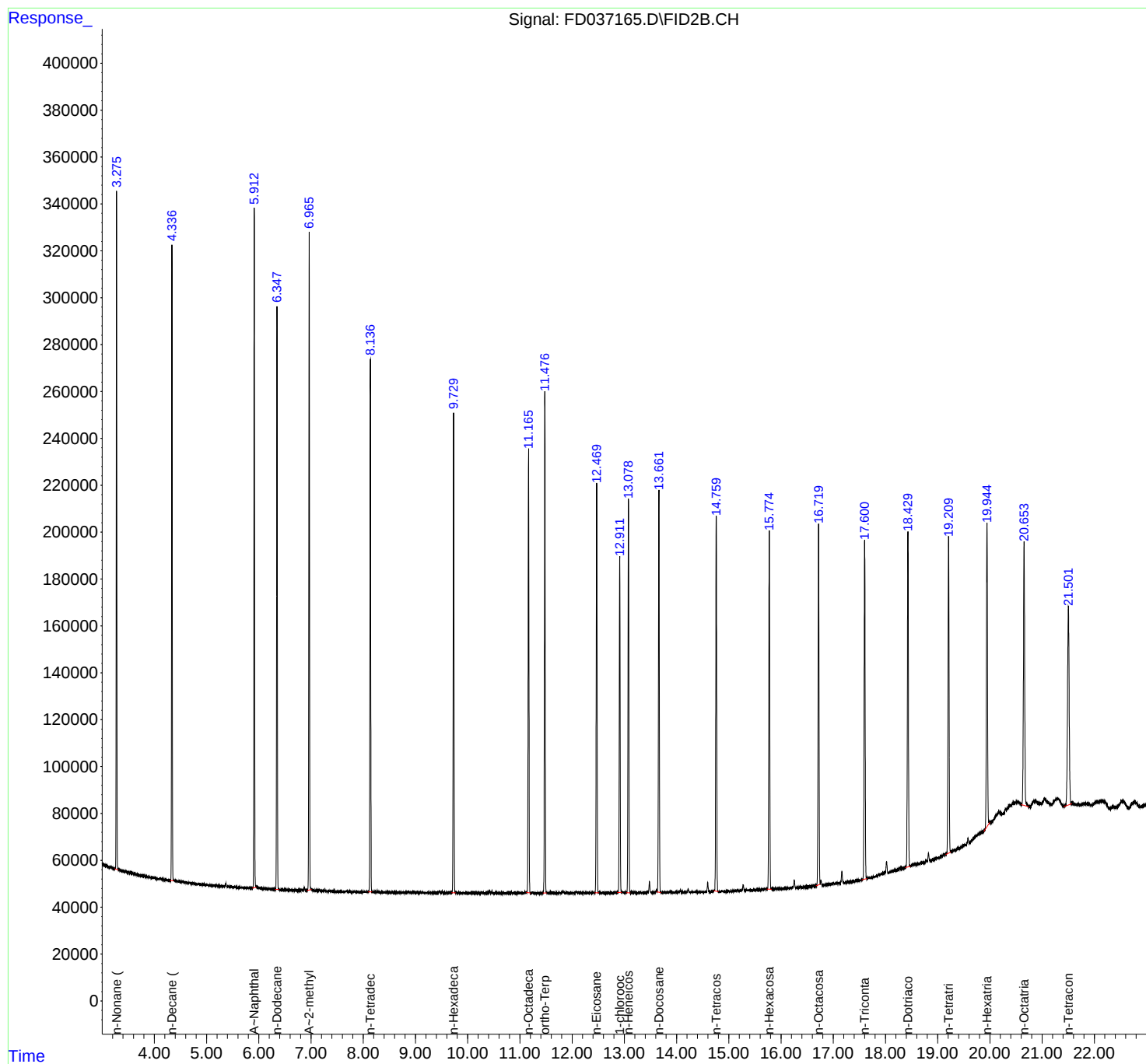
(f)=RT Delta > 1/2 Window

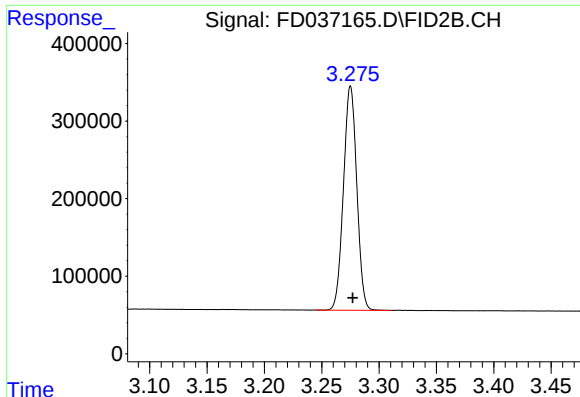
(m)=manual int.

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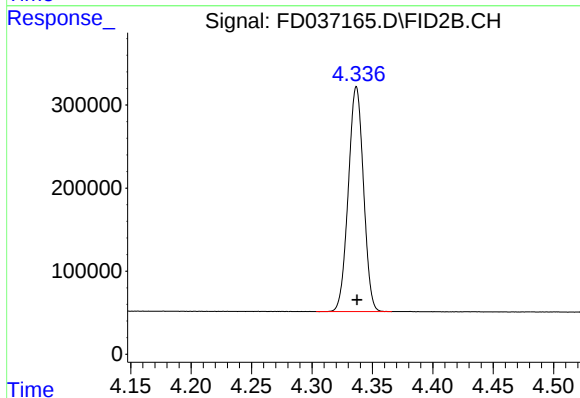
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Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um





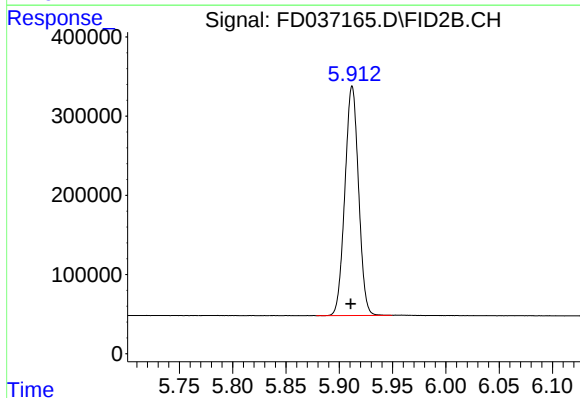
#1 n-Nonane (C9)

R.T.: 3.275 min
Delta R.T.: -0.002 min
Response: 2340560
Conc: 19.86 ug/ml



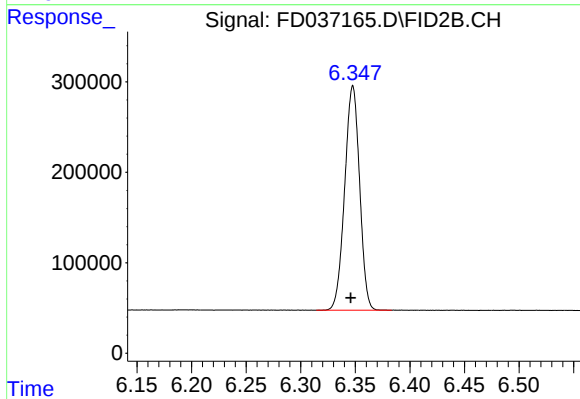
#2 n-Decane (C10)

R.T.: 4.337 min
Delta R.T.: 0.000 min
Response: 2366148
Conc: 19.95 ug/ml



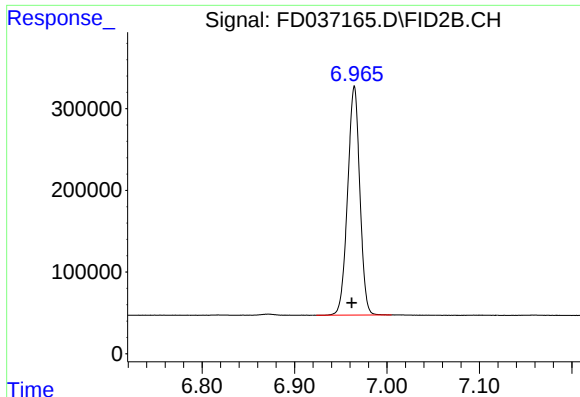
#3 A~Naphthalene (C11.7)

R.T.: 5.912 min
Delta R.T.: 0.001 min
Response: 2583488
Conc: 19.69 ug/ml



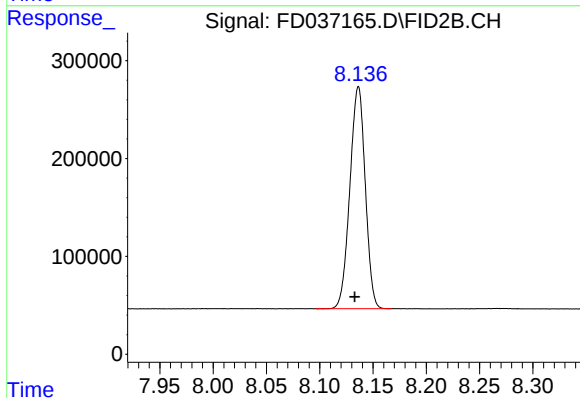
#4 n-Dodecane (C12)

R.T.: 6.348 min
Delta R.T.: 0.002 min
Response: 2360184
Conc: 19.88 ug/ml



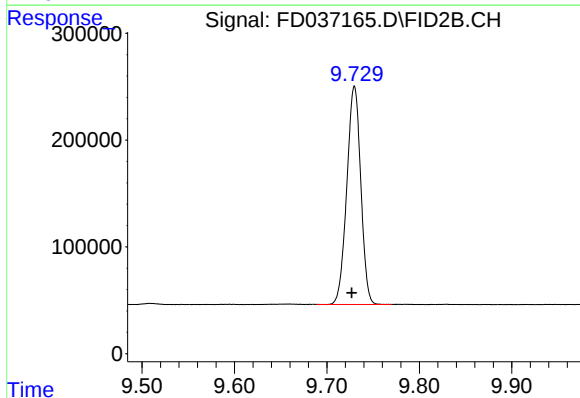
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.965 min
Delta R.T.: 0.003 min
Response: 2569395
Conc: 19.59 ug/ml



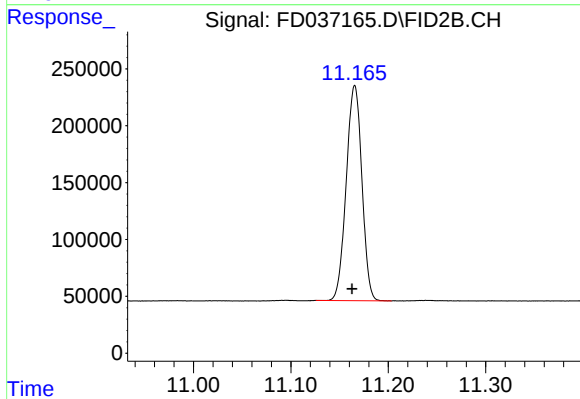
#6 n-Tetradecane (C14)

R.T.: 8.136 min
Delta R.T.: 0.004 min
Response: 2281872
Conc: 19.71 ug/ml



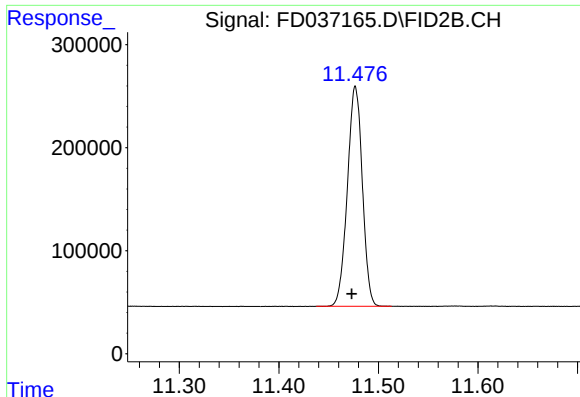
#7 n-Hexadecane (C16)

R.T.: 9.730 min
Delta R.T.: 0.003 min
Response: 2143440
Conc: 19.50 ug/ml



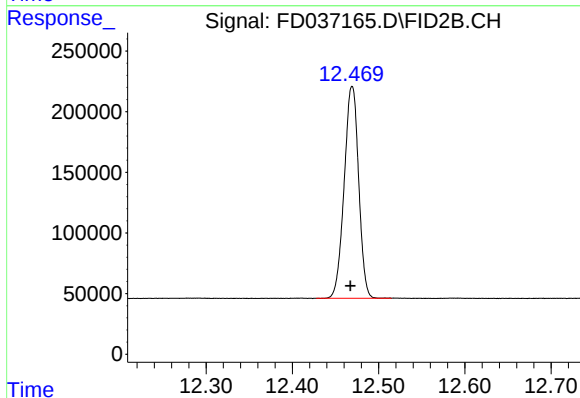
#8 n-Octadecane (C18)

R.T.: 11.166 min
Delta R.T.: 0.003 min
Response: 2116735
Conc: 19.31 ug/ml



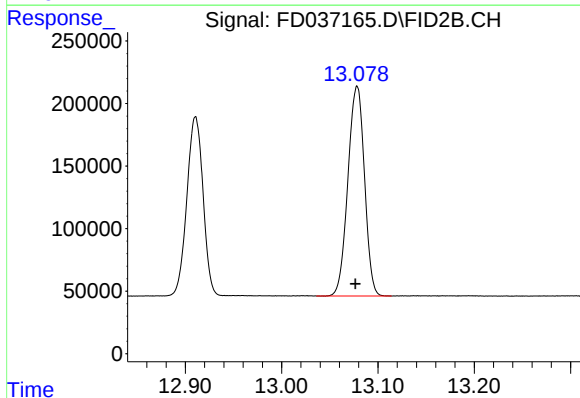
#9 ortho-Terphenyl (SURR)

R.T.: 11.477 min
Delta R.T.: 0.004 min
Response: 2230169
Conc: 19.10 ug/ml



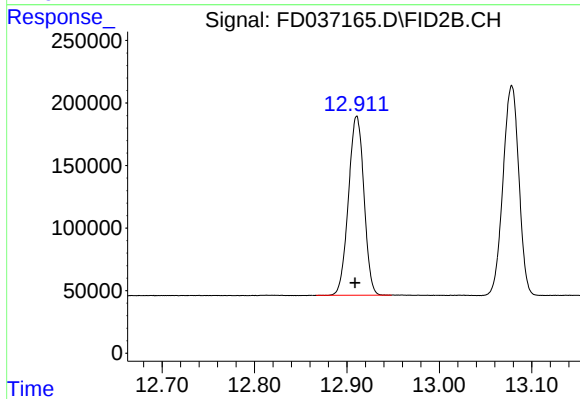
#10 n-Eicosane (C20)

R.T.: 12.469 min
Delta R.T.: 0.002 min
Response: 2038016
Conc: 19.21 ug/ml



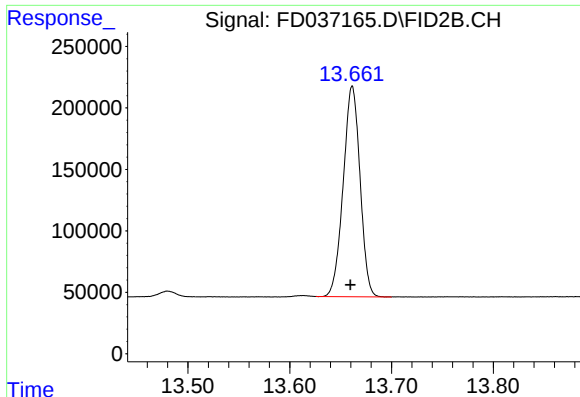
#11 n-Heneicosane (C21)

R.T.: 13.078 min
Delta R.T.: 0.002 min
Response: 1997516
Conc: 19.01 ug/ml



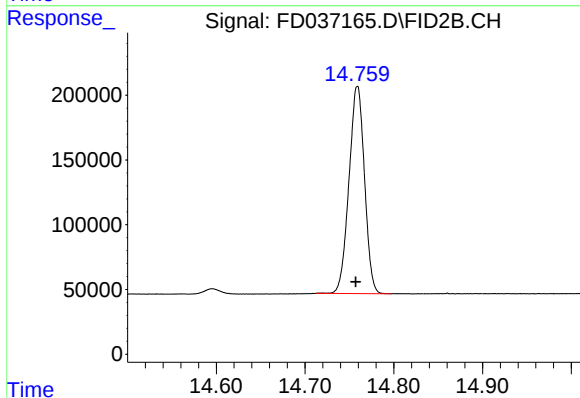
#12 1-chlorooctadecane (SURR)

R.T.: 12.911 min
Delta R.T.: 0.002 min
Response: 1665125
Conc: 19.68 ug/ml



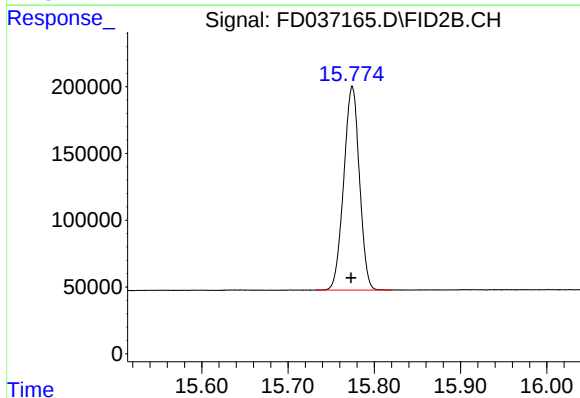
#13 n-Docosane (C22)

R.T.: 13.661 min
Delta R.T.: 0.002 min
Response: 1969890
Conc: 19.16 ug/ml



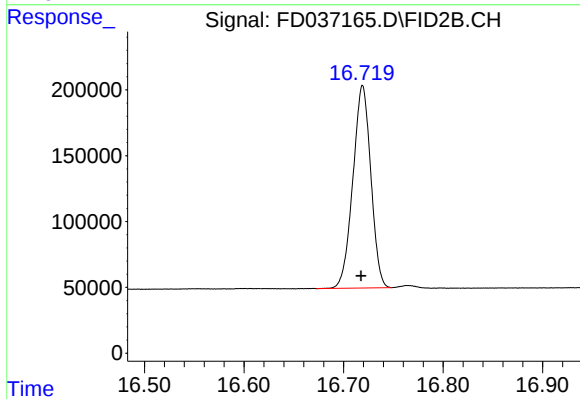
#14 n-Tetracosane (C24)

R.T.: 14.759 min
Delta R.T.: 0.002 min
Response: 1945886
Conc: 19.21 ug/ml



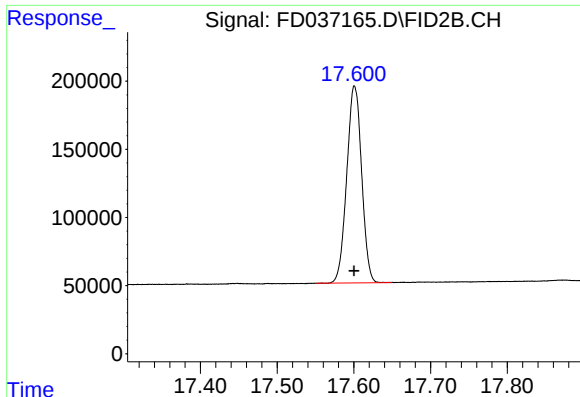
#15 n-Hexacosane (C26)

R.T.: 15.775 min
Delta R.T.: 0.001 min
Response: 1927771
Conc: 19.74 ug/ml



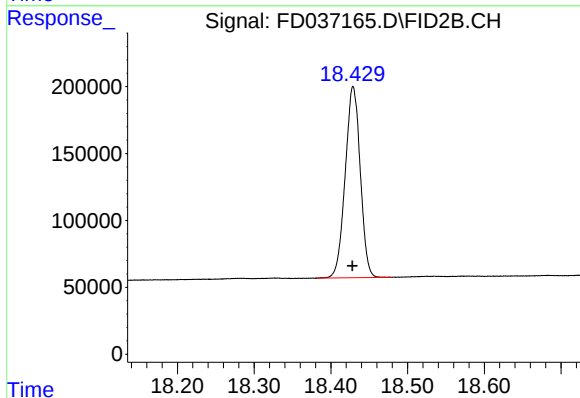
#16 n-Octacosane (C28)

R.T.: 16.719 min
Delta R.T.: 0.002 min
Response: 1924458
Conc: 20.02 ug/ml



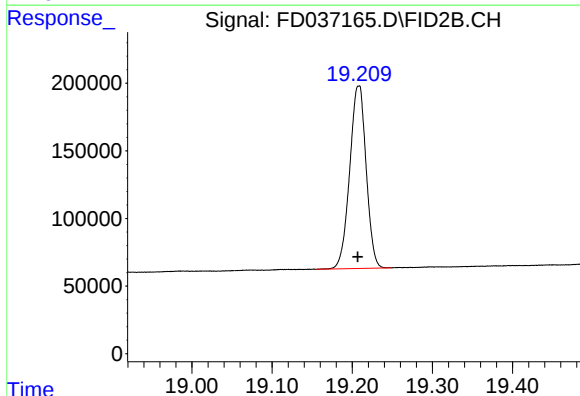
#17 n-Tricontane (C30)

R.T.: 17.601 min
Delta R.T.: 0.000 min
Response: 1949533
Conc: 20.27 ug/ml



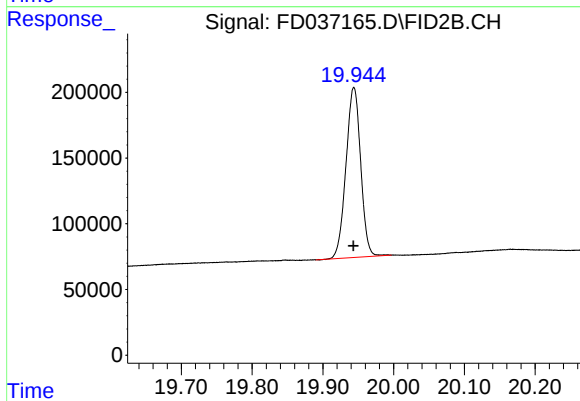
#18 n-Dotriacontane (C32)

R.T.: 18.429 min
Delta R.T.: 0.000 min
Response: 1950222
Conc: 19.83 ug/ml



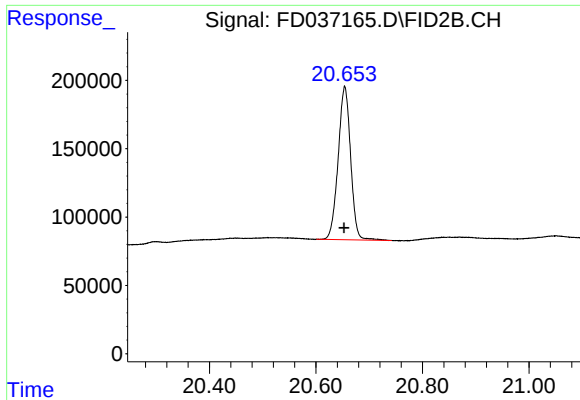
#19 n-Tetratriacontane (C34)

R.T.: 19.208 min
Delta R.T.: 0.001 min
Response: 1921484
Conc: 20.24 ug/ml



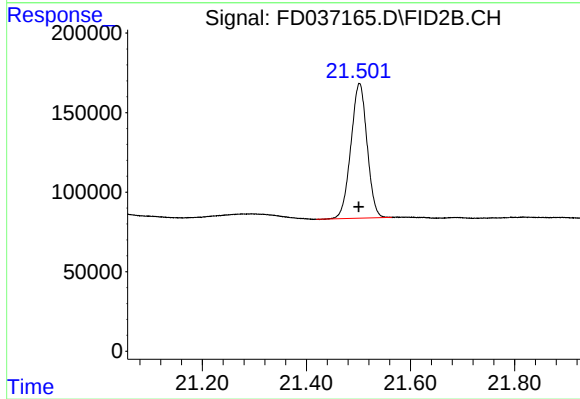
#20 n-Hexatriacontane (C36)

R.T.: 19.944 min
Delta R.T.: 0.000 min
Response: 1866281
Conc: 19.82 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.654 min
Delta R.T.: 0.002 min
Response: 1824854
Conc: 21.20 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.502 min
Delta R.T.: 0.001 min
Response: 1832339
Conc: 19.10 ug/ml