

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD042321AL\
 Data File : FD037114.D
 Signal(s) : FID2B.CH
 Acq On : 23 Apr 2021 15:32
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Apr 24 00:42:32 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	2270872	19.448 ug/ml
Spiked Amount 50.000		Recovery =	38.90%
12) S 1-chlorooctadecane (S...	12.908	1675560	19.805 ug/ml
Spiked Amount 50.000		Recovery =	39.61%
Target Compounds			
1) T n-Nonane (C9)	3.276	2329547	19.771 ug/ml
2) T n-Decane (C10)	4.337	2343744	19.763 ug/ml
3) T A~Naphthalene (C11.7)	5.910	2567210	19.562 ug/ml
4) T n-Dodecane (C12)	6.347	2338271	19.691 ug/ml
5) T A~2-methylnaphthalene...	6.962	2561701	19.536 ug/ml
6) T n-Tetradecane (C14)	8.135	2272031	19.628 ug/ml
7) T n-Hexadecane (C16)	9.728	2145759	19.517 ug/ml
8) T n-Octadecane (C18)	11.164	2149417	19.603 ug/ml
10) T n-Eicosane (C20)	12.467	2075731	19.568 ug/ml
11) T n-Heneicosane (C21)	13.076	2034309	19.364 ug/ml
13) T n-Docosane (C22)	13.659	2033160	19.778 ug/ml
14) T n-Tetracosane (C24)	14.756	2056619	20.304 ug/ml
15) T n-Hexacosane (C26)	15.771	2019361	20.675 ug/ml
16) T n-Octacosane (C28)	16.716	2021227	21.027 ug/ml
17) T n-Tricontane (C30)	17.599	2026644	21.074 ug/ml
18) T n-Dotriacontane (C32)	18.426	1995488	20.289 ug/ml
19) T n-Tetratriacontane (C34)	19.205	1921837	20.247 ug/ml
20) T n-Hexatriacontane (C36)	19.941	1815921	19.282 ug/ml
21) T n-Octatriacontane (C38)	20.652	1743939	20.256 ug/ml
22) T n-Tetracontane (C40)	21.500	1804727	18.809 ug/ml

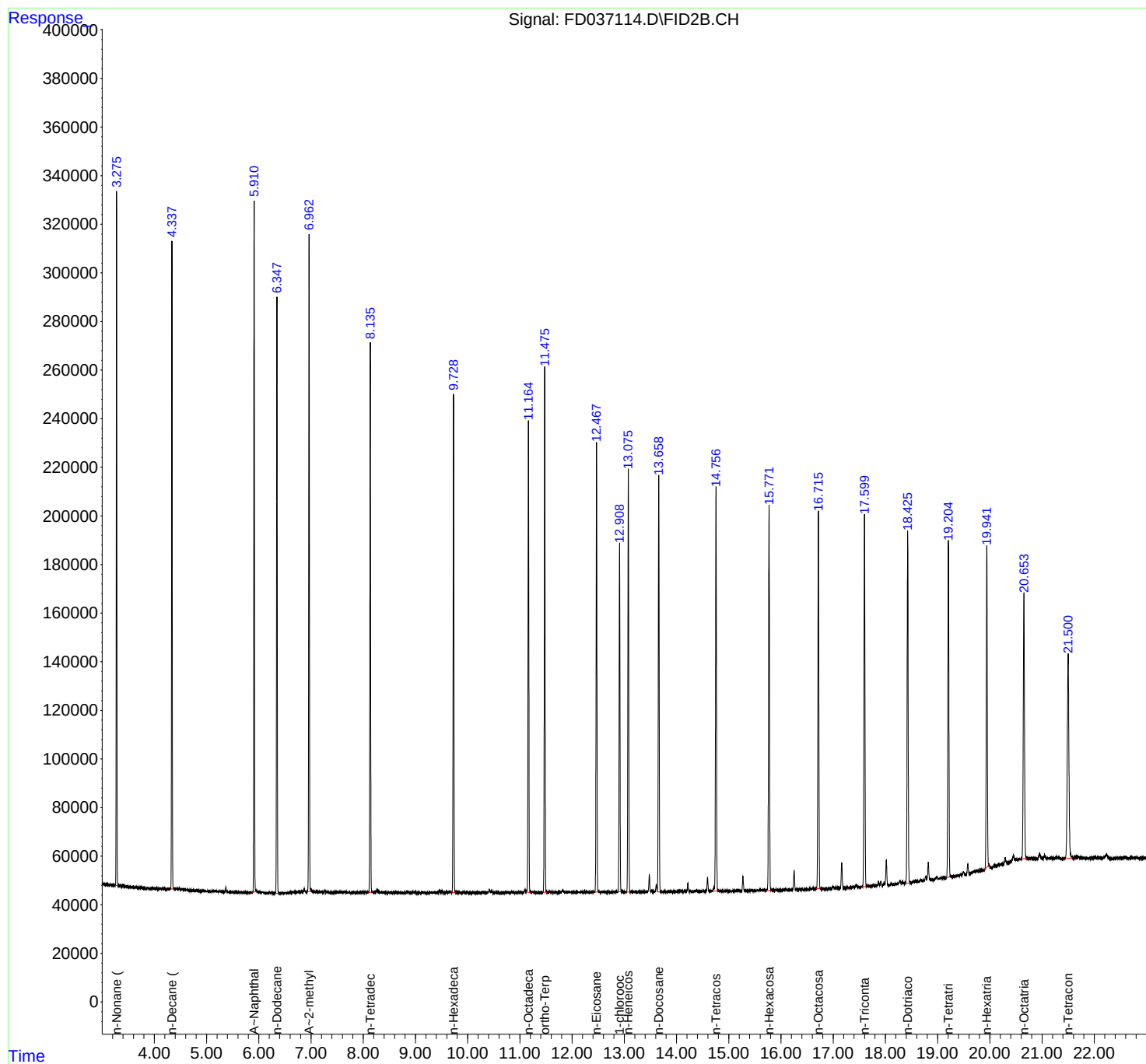
(f)=RT Delta > 1/2 Window

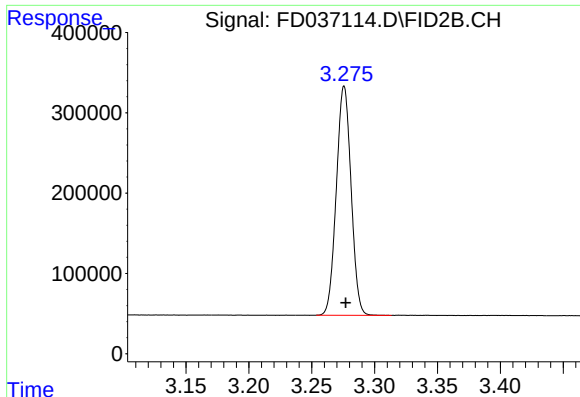
(m)=manual int.

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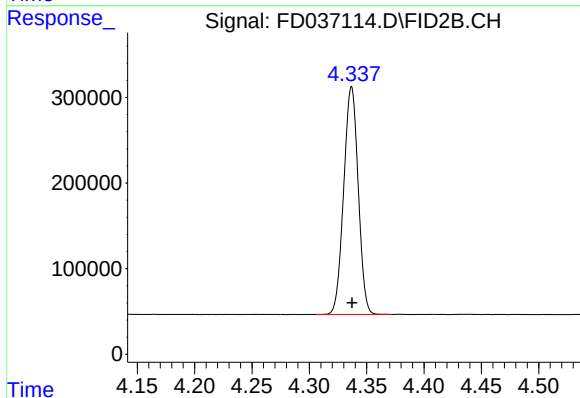
Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um





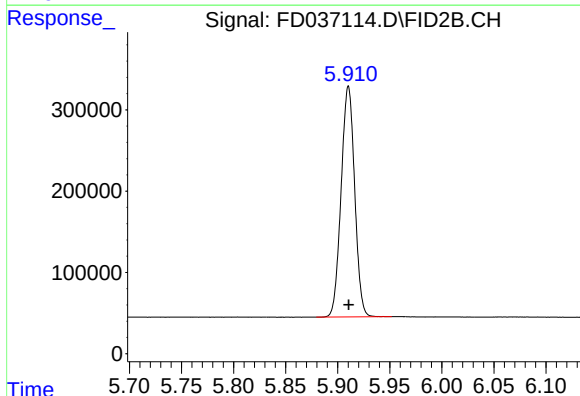
#1 n-Nonane (C9)

R.T.: 3.276 min
Delta R.T.: -0.001 min
Response: 2329547
Conc: 19.77 ug/ml



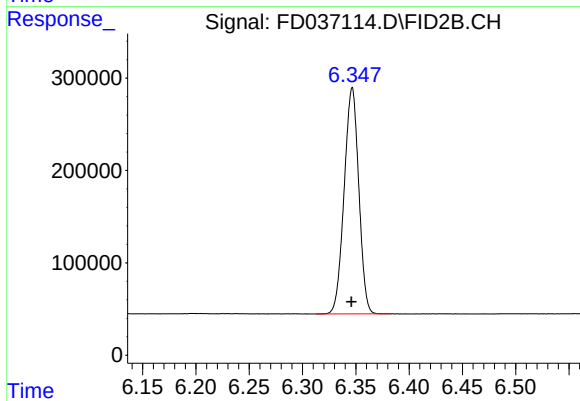
#2 n-Decane (C10)

R.T.: 4.337 min
Delta R.T.: 0.000 min
Response: 2343744
Conc: 19.76 ug/ml



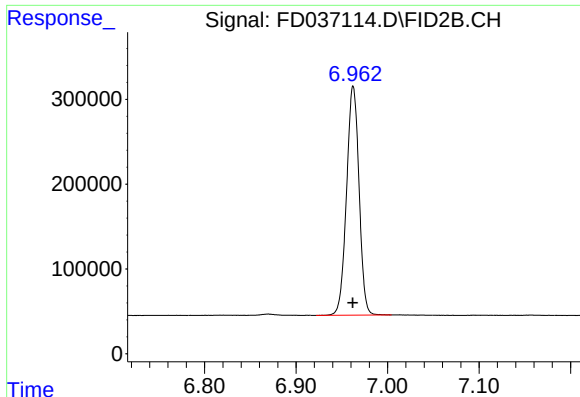
#3 A~Naphthalene (C11.7)

R.T.: 5.910 min
Delta R.T.: 0.000 min
Response: 2567210
Conc: 19.56 ug/ml



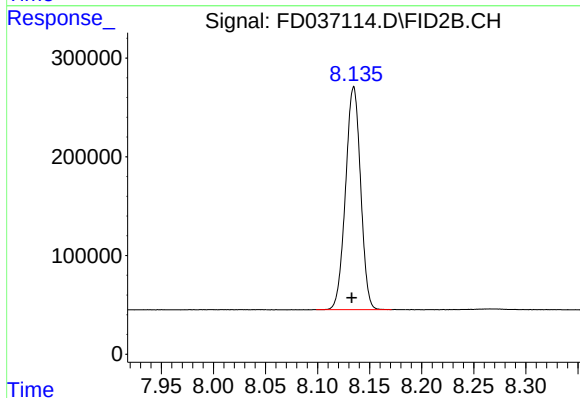
#4 n-Dodecane (C12)

R.T.: 6.347 min
Delta R.T.: 0.000 min
Response: 2338271
Conc: 19.69 ug/ml



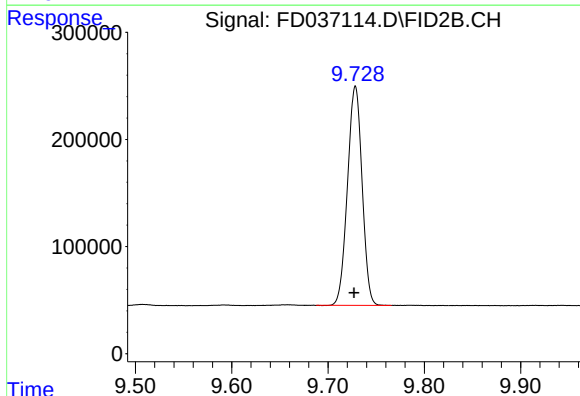
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.962 min
Delta R.T.: 0.000 min
Response: 2561701
Conc: 19.54 ug/ml



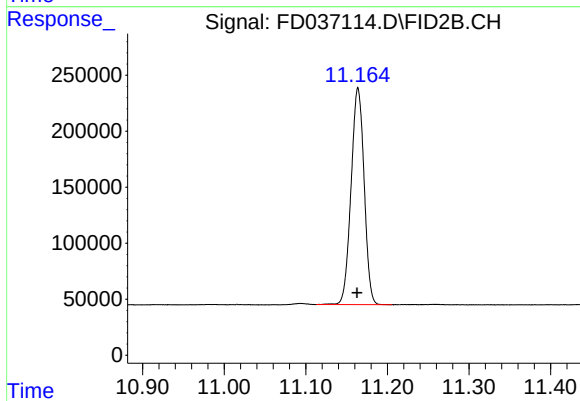
#6 n-Tetradecane (C14)

R.T.: 8.135 min
Delta R.T.: 0.002 min
Response: 2272031
Conc: 19.63 ug/ml



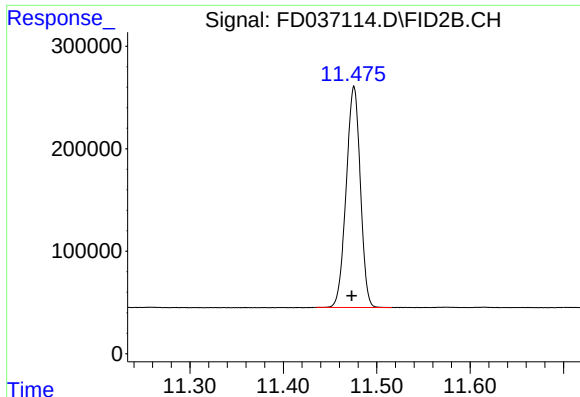
#7 n-Hexadecane (C16)

R.T.: 9.728 min
Delta R.T.: 0.001 min
Response: 2145759
Conc: 19.52 ug/ml



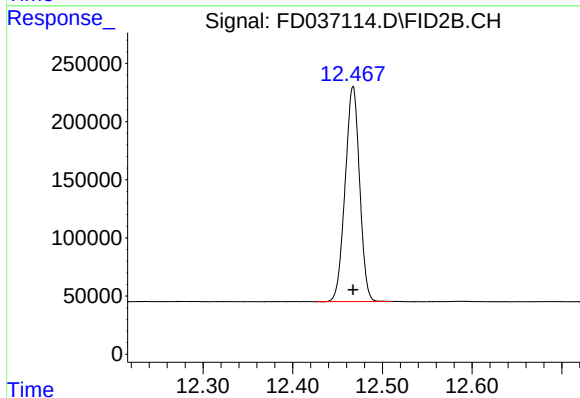
#8 n-Octadecane (C18)

R.T.: 11.164 min
Delta R.T.: 0.001 min
Response: 2149417
Conc: 19.60 ug/ml



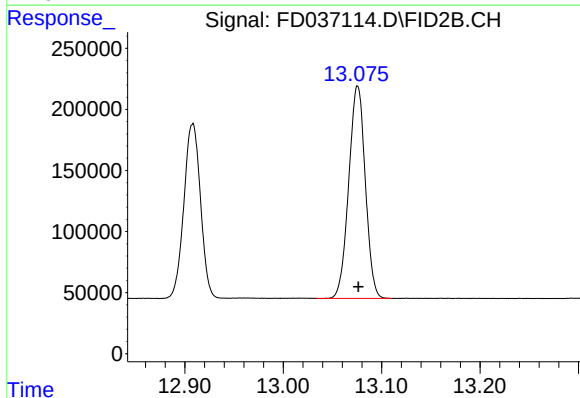
#9 ortho-Terphenyl (SURR)

R.T.: 11.476 min
Delta R.T.: 0.002 min
Response: 2270872
Conc: 19.45 ug/ml



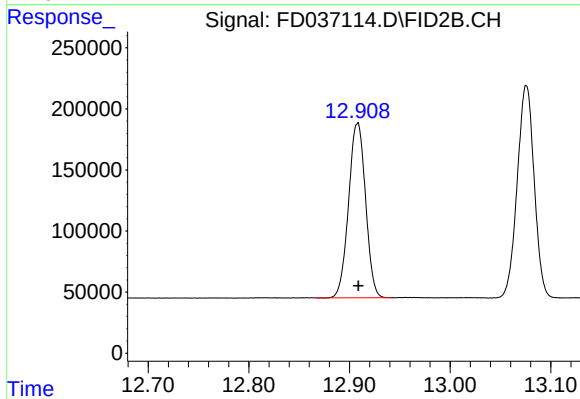
#10 n-Eicosane (C20)

R.T.: 12.467 min
Delta R.T.: 0.000 min
Response: 2075731
Conc: 19.57 ug/ml



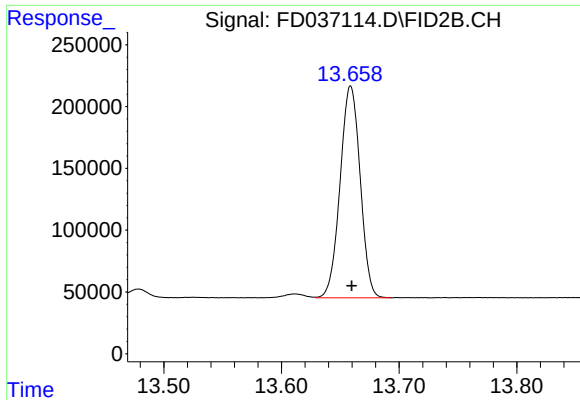
#11 n-Heneicosane (C21)

R.T.: 13.076 min
Delta R.T.: 0.000 min
Response: 2034309
Conc: 19.36 ug/ml



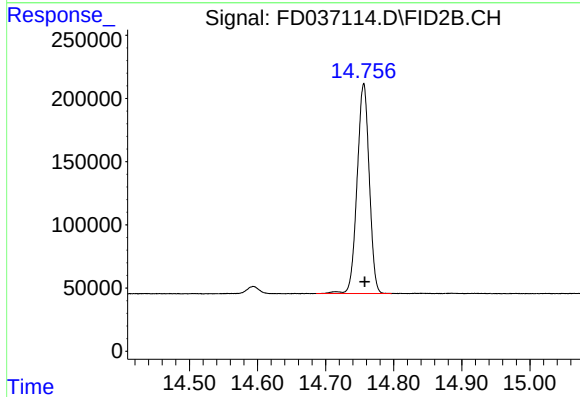
#12 1-chlorooctadecane (SURR)

R.T.: 12.908 min
Delta R.T.: 0.000 min
Response: 1675560
Conc: 19.81 ug/ml



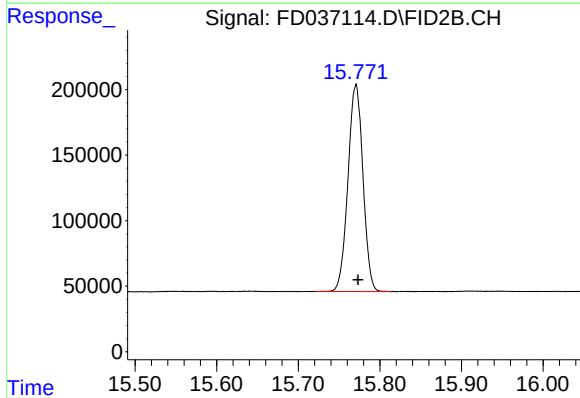
#13 n-Docosane (C22)

R.T.: 13.659 min
Delta R.T.: 0.000 min
Response: 2033160
Conc: 19.78 ug/ml



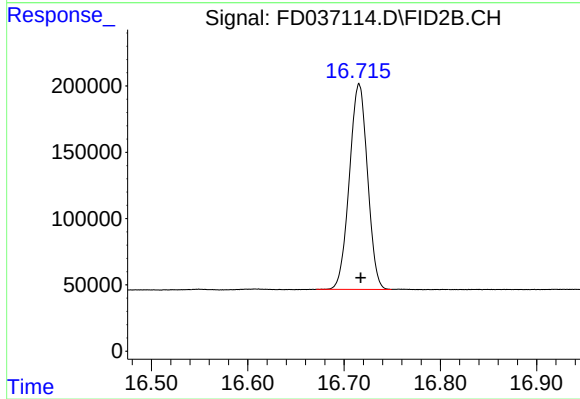
#14 n-Tetracosane (C24)

R.T.: 14.756 min
Delta R.T.: -0.001 min
Response: 2056619
Conc: 20.30 ug/ml



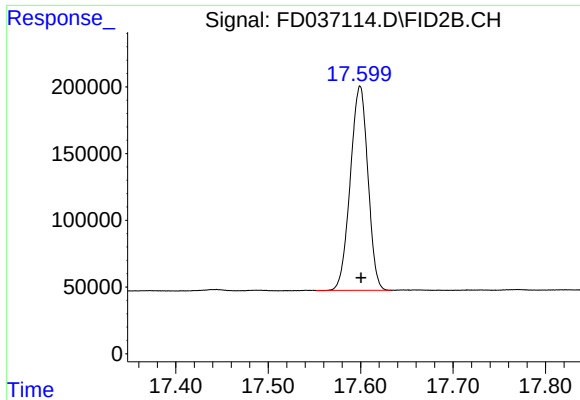
#15 n-Hexacosane (C26)

R.T.: 15.771 min
Delta R.T.: -0.002 min
Response: 2019361
Conc: 20.68 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.716 min
Delta R.T.: -0.002 min
Response: 2021227
Conc: 21.03 ug/ml



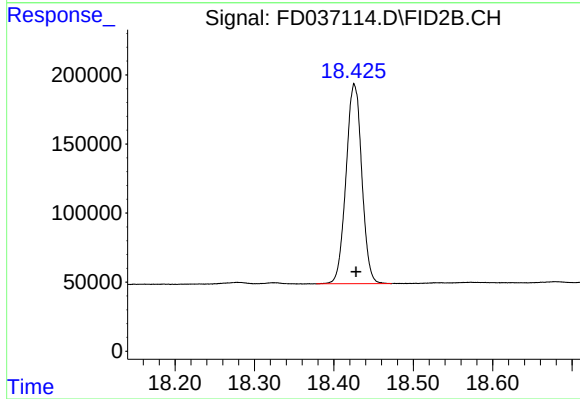
#17 n-Tricontane (C30)

R.T.: 17.599 min

Delta R.T.: 0.000 min

Response: 2026644

Conc: 21.07 ug/ml



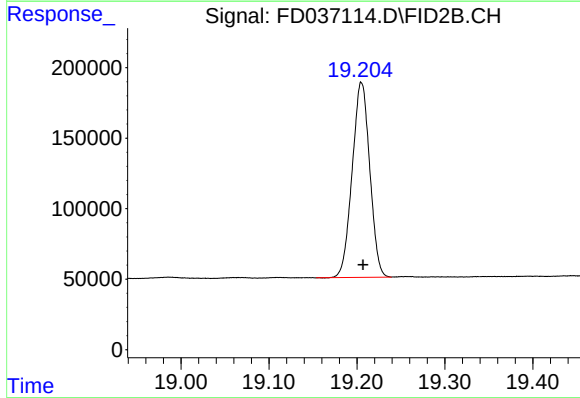
#18 n-Dotriacontane (C32)

R.T.: 18.426 min

Delta R.T.: -0.002 min

Response: 1995488

Conc: 20.29 ug/ml



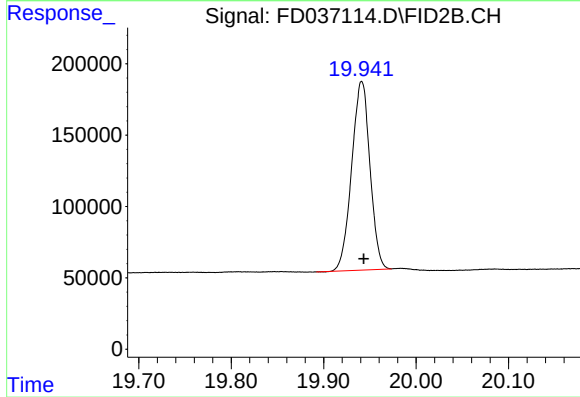
#19 n-Tetratriacontane (C34)

R.T.: 19.205 min

Delta R.T.: -0.002 min

Response: 1921837

Conc: 20.25 ug/ml



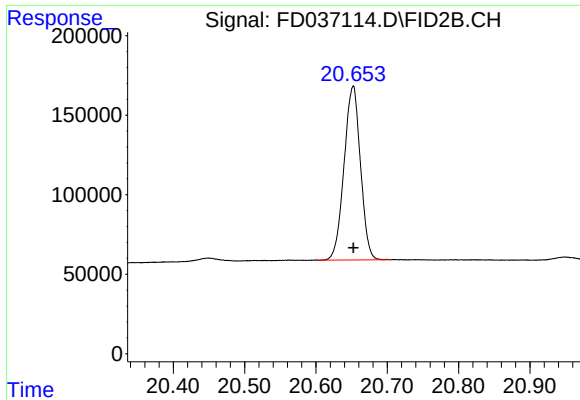
#20 n-Hexatriacontane (C36)

R.T.: 19.941 min

Delta R.T.: -0.002 min

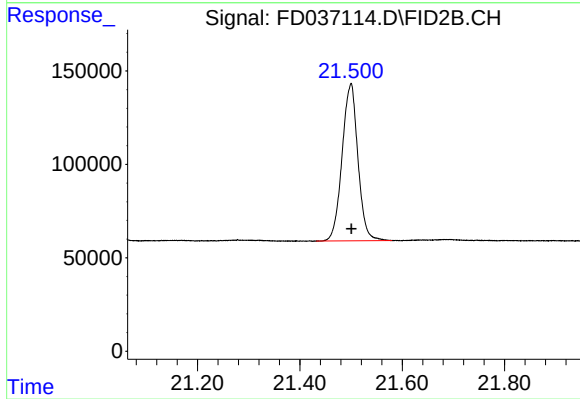
Response: 1815921

Conc: 19.28 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.652 min
Delta R.T.: 0.000 min
Response: 1743939
Conc: 20.26 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.500 min
Delta R.T.: 0.000 min
Response: 1804727
Conc: 18.81 ug/ml