

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD042321AL\
 Data File : FD037130.D
 Signal(s) : FID2B.CH
 Acq On : 24 Apr 2021 10:48
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Apr 25 22:31:20 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)	11.478	2208516	18.914 ug/ml
Spiked Amount 50.000		Recovery =	37.83%
12) S 1-chlorooctadecane (S...	12.911	1628714	19.252 ug/ml
Spiked Amount 50.000		Recovery =	38.50%
Target Compounds			
1) T n-Nonane (C9)	3.276	2286588	19.406 ug/ml
2) T n-Decane (C10)	4.338	2303518	19.423 ug/ml
3) T A~Naphthalene (C11.7)	5.912	2520951	19.210 ug/ml
4) T n-Dodecane (C12)	6.348	2297180	19.344 ug/ml
5) T A~2-methylnaphthalene...	6.965	2510633	19.147 ug/ml
6) T n-Tetradecane (C14)	8.137	2228132	19.248 ug/ml
7) T n-Hexadecane (C16)	9.730	2098145	19.084 ug/ml
8) T n-Octadecane (C18)	11.166	2086476	19.029 ug/ml
10) T n-Eicosane (C20)	12.469	2018681	19.031 ug/ml
11) T n-Heneicosane (C21)	13.078	1975886	18.807 ug/ml
13) T n-Docosane (C22)	13.662	1969835	19.162 ug/ml
14) T n-Tetracosane (C24)	14.759	1988806	19.634 ug/ml
15) T n-Hexacosane (C26)	15.774	1959644	20.064 ug/ml
16) T n-Octacosane (C28)	16.718	1963297	20.425 ug/ml
17) T n-Tricontane (C30)	17.601	1987709	20.669 ug/ml
18) T n-Dotriacontane (C32)	18.428	1963568	19.965 ug/ml
19) T n-Tetratriacontane (C34)	19.206	1912162	20.146 ug/ml
20) T n-Hexatriacontane (C36)	19.941	1791281	19.021 ug/ml
21) T n-Octatriacontane (C38)	20.651	1831325	21.271 ug/ml
22) T n-Tetracontane (C40)	21.500	1825710	19.028 ug/ml

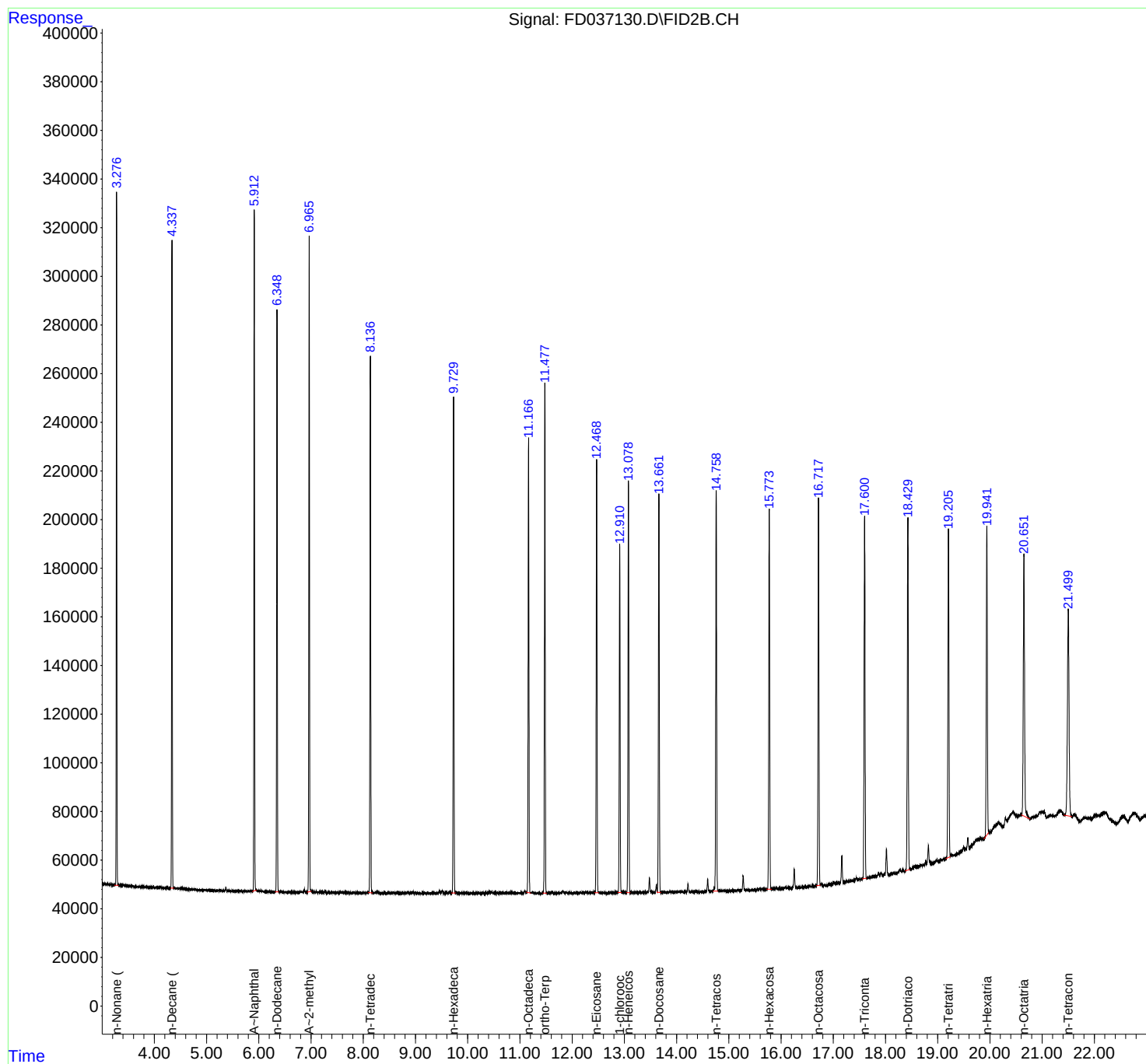
(f)=RT Delta > 1/2 Window

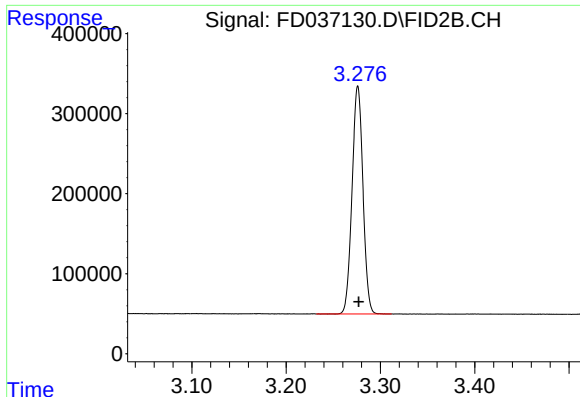
(m)=manual int.

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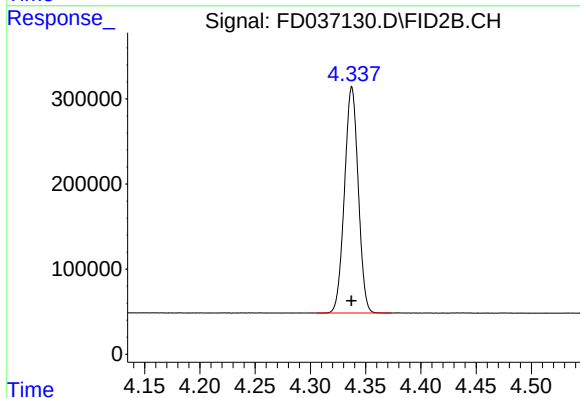
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Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um





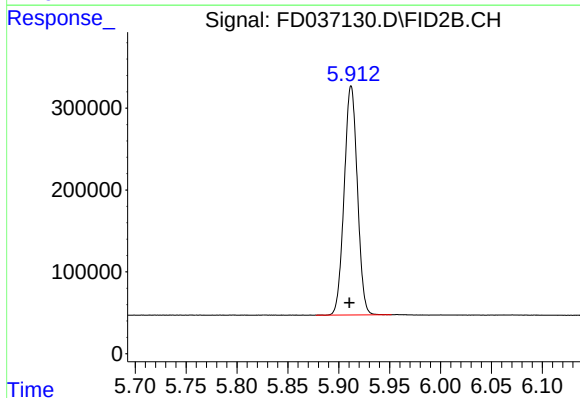
#1 n-Nonane (C9)

R.T.: 3.276 min
Delta R.T.: 0.000 min
Response: 2286588
Conc: 19.41 ug/ml



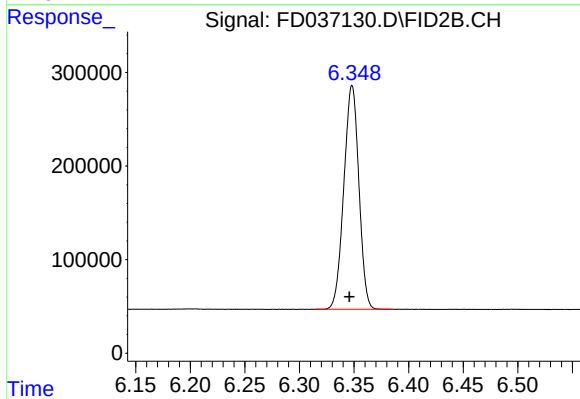
#2 n-Decane (C10)

R.T.: 4.338 min
Delta R.T.: 0.000 min
Response: 2303518
Conc: 19.42 ug/ml



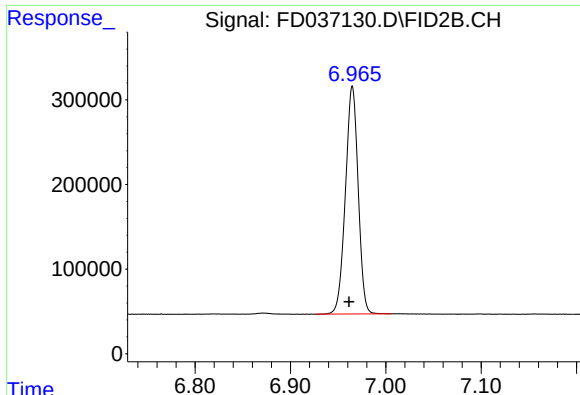
#3 A~Naphthalene (C11.7)

R.T.: 5.912 min
Delta R.T.: 0.002 min
Response: 2520951
Conc: 19.21 ug/ml



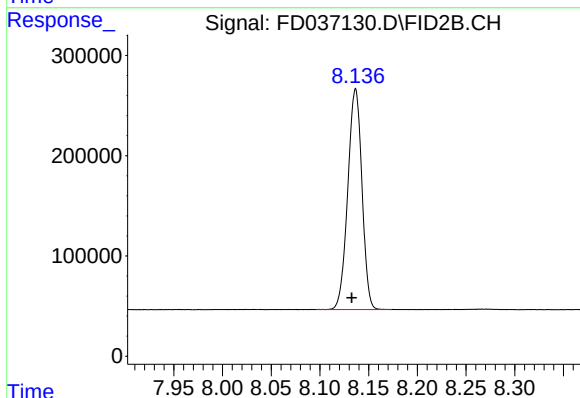
#4 n-Dodecane (C12)

R.T.: 6.348 min
Delta R.T.: 0.002 min
Response: 2297180
Conc: 19.34 ug/ml



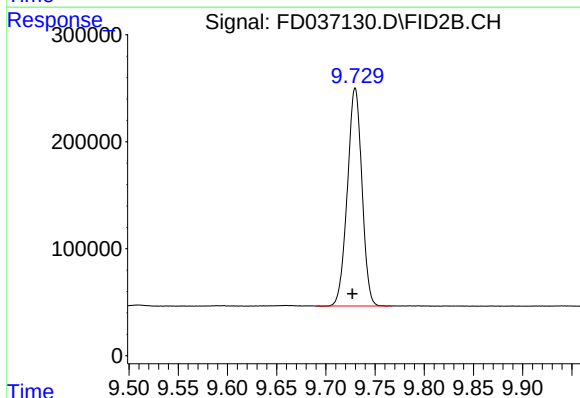
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.965 min
Delta R.T.: 0.003 min
Response: 2510633
Conc: 19.15 ug/ml



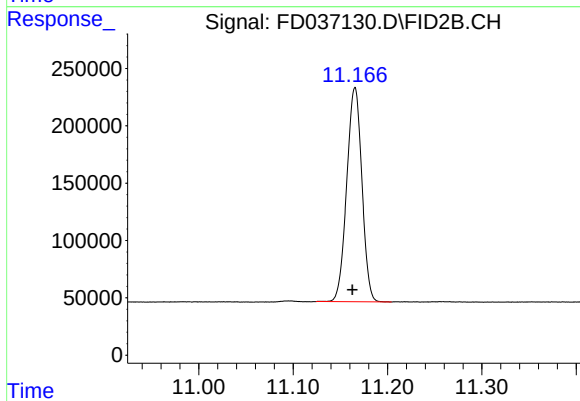
#6 n-Tetradecane (C14)

R.T.: 8.137 min
Delta R.T.: 0.004 min
Response: 2228132
Conc: 19.25 ug/ml



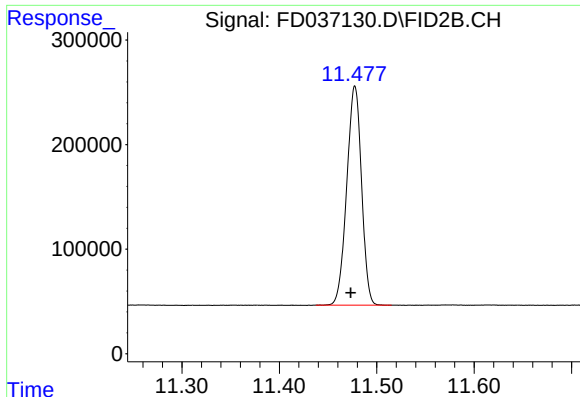
#7 n-Hexadecane (C16)

R.T.: 9.730 min
Delta R.T.: 0.003 min
Response: 2098145
Conc: 19.08 ug/ml



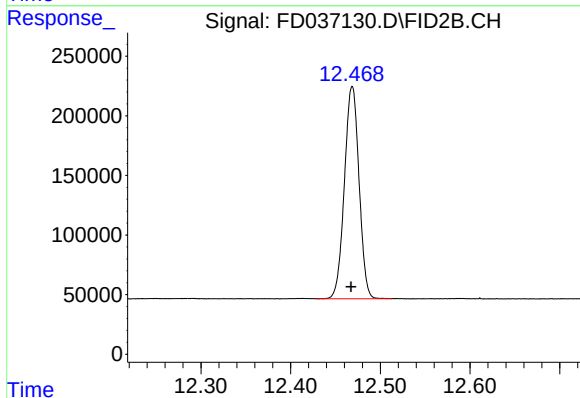
#8 n-Octadecane (C18)

R.T.: 11.166 min
Delta R.T.: 0.003 min
Response: 2086476
Conc: 19.03 ug/ml



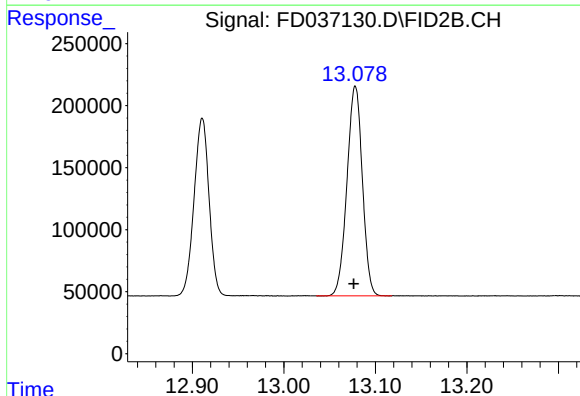
#9 ortho-Terphenyl (SURR)

R.T.: 11.478 min
Delta R.T.: 0.004 min
Response: 2208516
Conc: 18.91 ug/ml



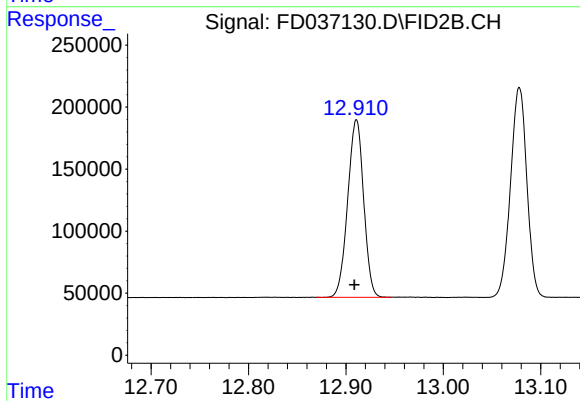
#10 n-Eicosane (C20)

R.T.: 12.469 min
Delta R.T.: 0.001 min
Response: 2018681
Conc: 19.03 ug/ml



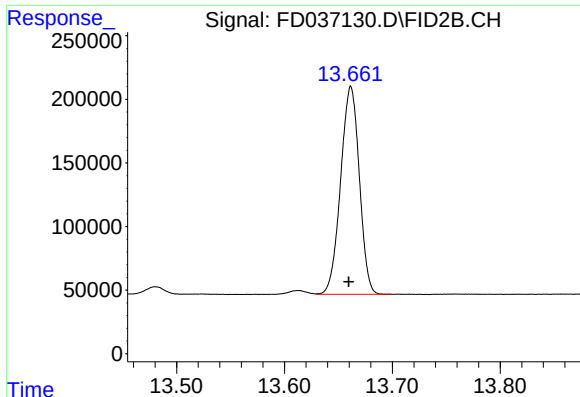
#11 n-Heneicosane (C21)

R.T.: 13.078 min
Delta R.T.: 0.002 min
Response: 1975886
Conc: 18.81 ug/ml



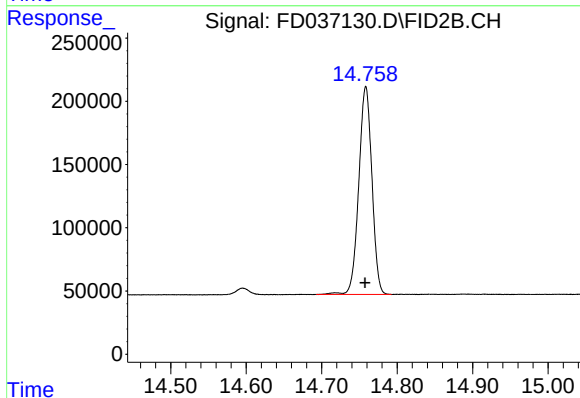
#12 1-chlorooctadecane (SURR)

R.T.: 12.911 min
Delta R.T.: 0.002 min
Response: 1628714
Conc: 19.25 ug/ml



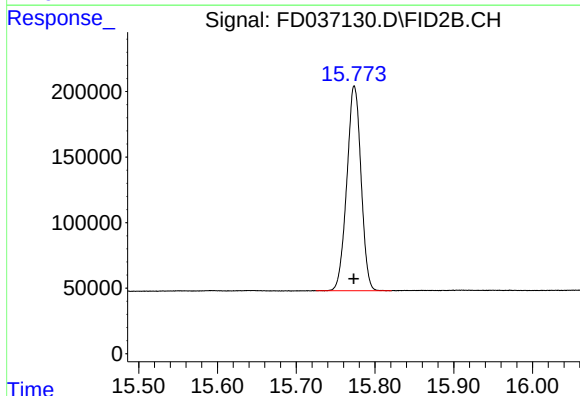
#13 n-Docosane (C22)

R.T.: 13.662 min
Delta R.T.: 0.002 min
Response: 1969835
Conc: 19.16 ug/ml



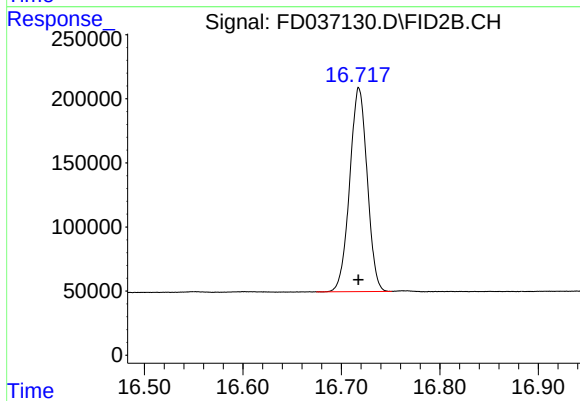
#14 n-Tetracosane (C24)

R.T.: 14.759 min
Delta R.T.: 0.001 min
Response: 1988806
Conc: 19.63 ug/ml



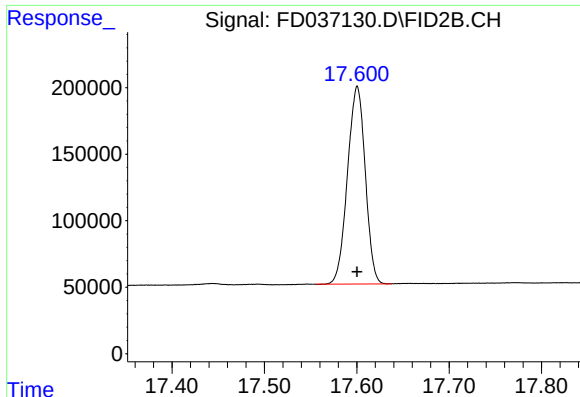
#15 n-Hexacosane (C26)

R.T.: 15.774 min
Delta R.T.: 0.000 min
Response: 1959644
Conc: 20.06 ug/ml



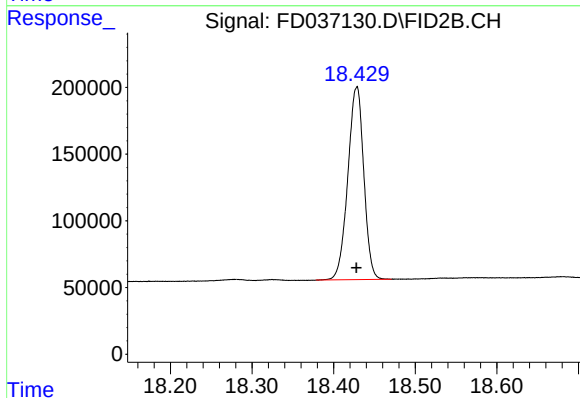
#16 n-Octacosane (C28)

R.T.: 16.718 min
Delta R.T.: 0.000 min
Response: 1963297
Conc: 20.42 ug/ml



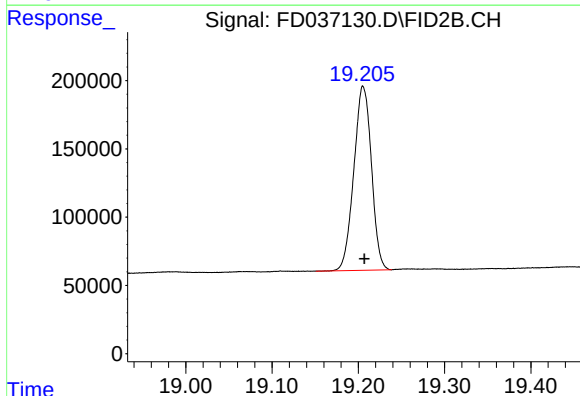
#17 n-Tricontane (C30)

R.T.: 17.601 min
Delta R.T.: 0.000 min
Response: 1987709
Conc: 20.67 ug/ml



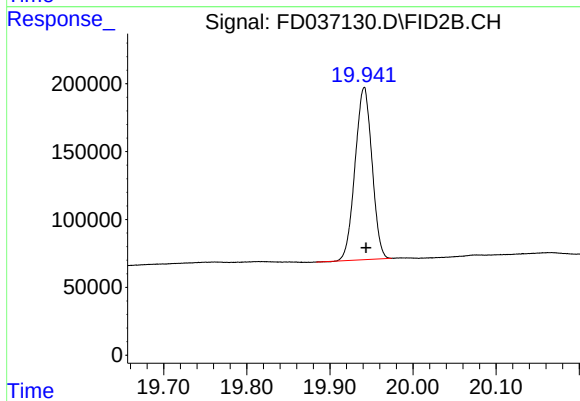
#18 n-Dotriacontane (C32)

R.T.: 18.428 min
Delta R.T.: 0.000 min
Response: 1963568
Conc: 19.96 ug/ml



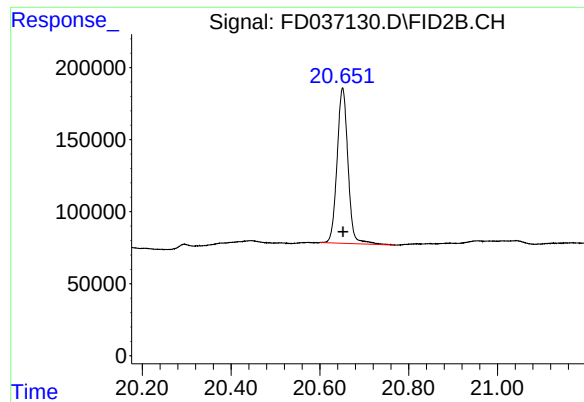
#19 n-Tetratriacontane (C34)

R.T.: 19.206 min
Delta R.T.: -0.001 min
Response: 1912162
Conc: 20.15 ug/ml



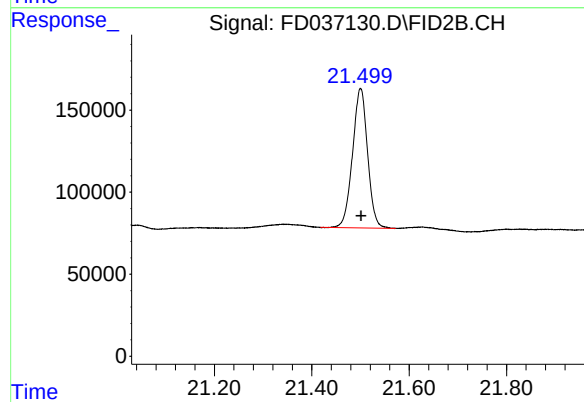
#20 n-Hexatriacontane (C36)

R.T.: 19.941 min
Delta R.T.: -0.002 min
Response: 1791281
Conc: 19.02 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.651 min
Delta R.T.: -0.001 min
Response: 1831325
Conc: 21.27 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.500 min
Delta R.T.: 0.000 min
Response: 1825710
Conc: 19.03 ug/ml