

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD050321AL\
 Data File : FD037314.D
 Signal(s) : FID2B.CH
 Acq On : 04 May 2021 8:13
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: May 04 08:38:46 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)	11.479	2227619	19.078 ug/ml
Spiked Amount 50.000		Recovery =	38.16%
12) S 1-chlorooctadecane (S...	12.914	1676658	19.818 ug/ml
Spiked Amount 50.000		Recovery =	39.64%
Target Compounds			
1) T n-Nonane (C9)	3.273	2364035	20.064 ug/ml
2) T n-Decane (C10)	4.334	2381584	20.082 ug/ml
3) T A~Naphthalene (C11.7)	5.911	2594165	19.768 ug/ml
4) T n-Dodecane (C12)	6.346	2384994	20.084 ug/ml
5) T A~2-methylnaphthalene...	6.964	2580618	19.681 ug/ml
6) T n-Tetradecane (C14)	8.136	2313437	19.985 ug/ml
7) T n-Hexadecane (C16)	9.731	2174371	19.778 ug/ml
8) T n-Octadecane (C18)	11.167	2141970	19.535 ug/ml
10) T n-Eicosane (C20)	12.472	2053561	19.359 ug/ml
11) T n-Heneicosane (C21)	13.081	2014056	19.171 ug/ml
13) T n-Docosane (C22)	13.664	1980256	19.263 ug/ml
14) T n-Tetracosane (C24)	14.763	1951685	19.268 ug/ml
15) T n-Hexacosane (C26)	15.779	1930375	19.764 ug/ml
16) T n-Octacosane (C28)	16.724	1954365	20.332 ug/ml
17) T n-Tricontane (C30)	17.608	1998411	20.780 ug/ml
18) T n-Dotriacontane (C32)	18.435	2000799	20.343 ug/ml
19) T n-Tetratriacontane (C34)	19.215	1978573	20.845 ug/ml
20) T n-Hexatriacontane (C36)	19.951	1890120	20.070 ug/ml
21) T n-Octatriacontane (C38)	20.662	1858269	21.584 ug/ml
22) T n-Tetracontane (C40)	21.510	1835519	19.130 ug/ml

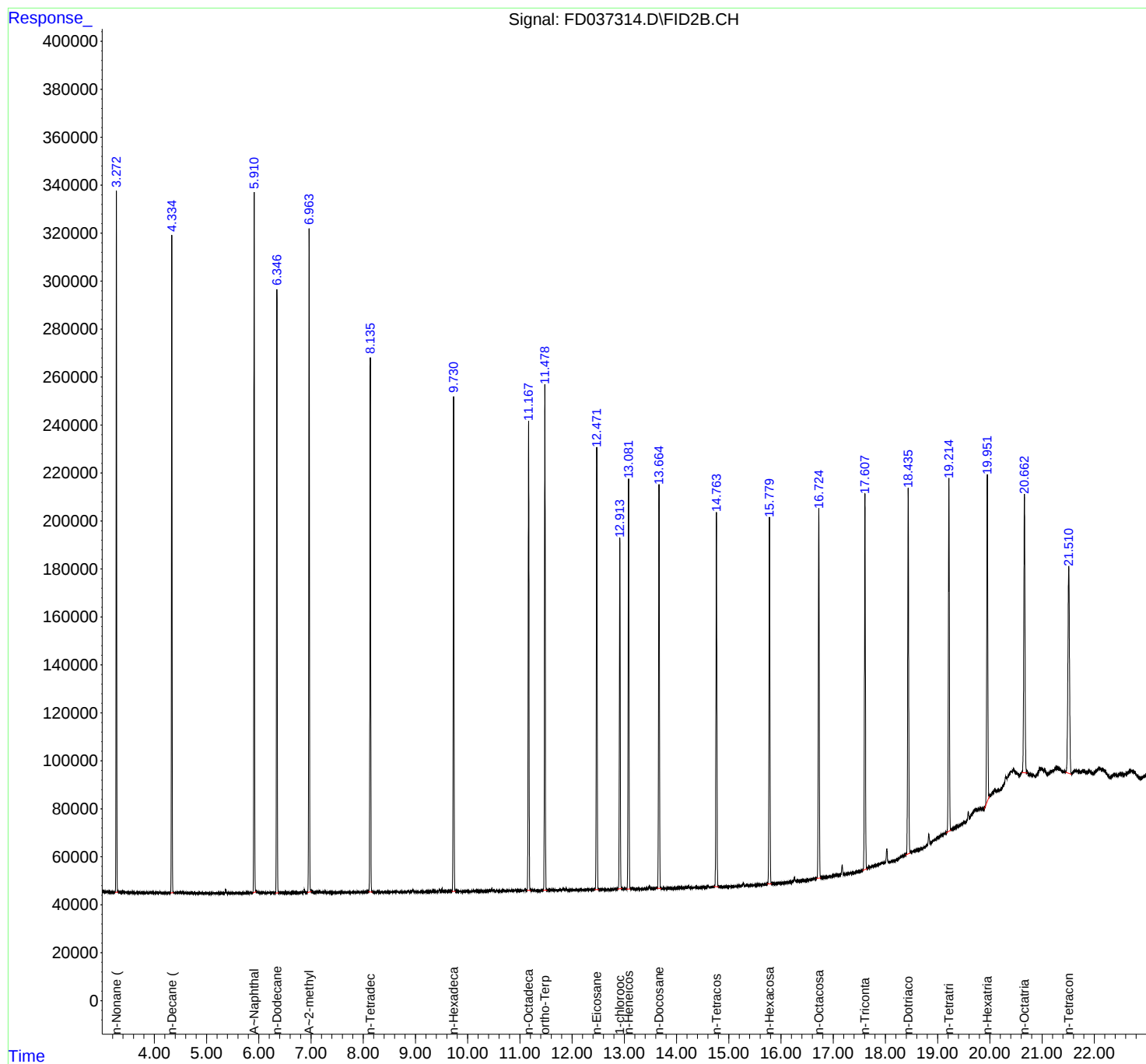
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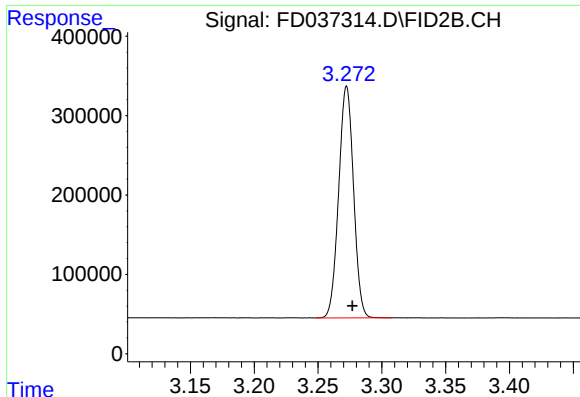
(m)=manual int.

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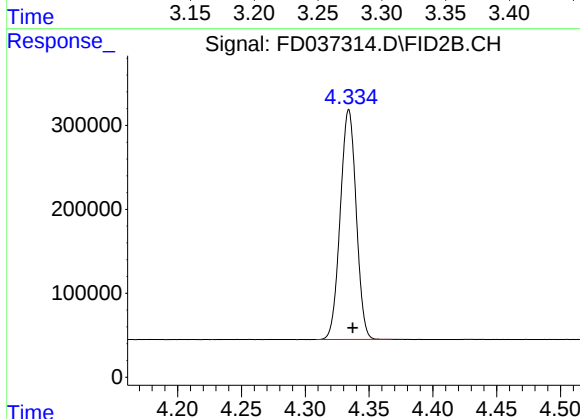
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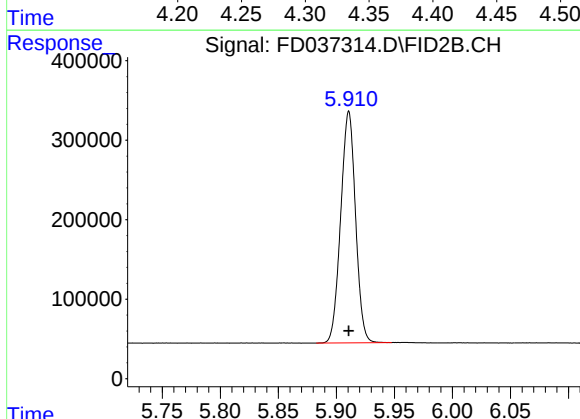
#1 n-Nonane (C9)

R.T.: 3.273 min
Delta R.T.: -0.005 min
Response: 2364035
Conc: 20.06 ug/ml



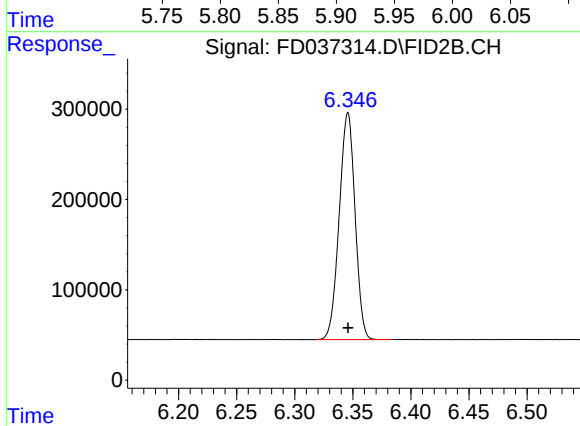
#2 n-Decane (C10)

R.T.: 4.334 min
Delta R.T.: -0.003 min
Response: 2381584
Conc: 20.08 ug/ml



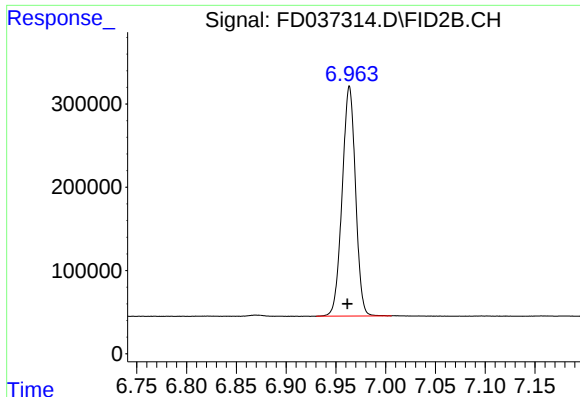
#3 A~Naphthalene (C11.7)

R.T.: 5.911 min
Delta R.T.: 0.000 min
Response: 2594165
Conc: 19.77 ug/ml



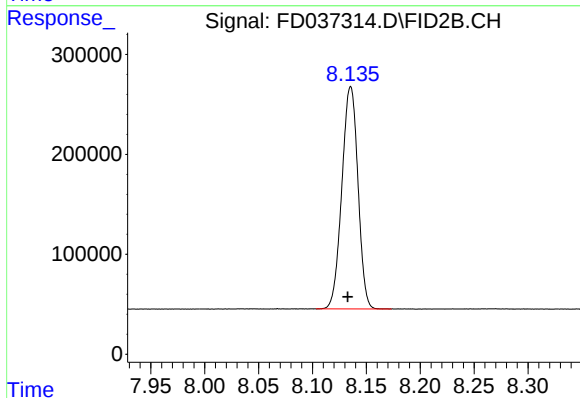
#4 n-Dodecane (C12)

R.T.: 6.346 min
Delta R.T.: 0.000 min
Response: 2384994
Conc: 20.08 ug/ml



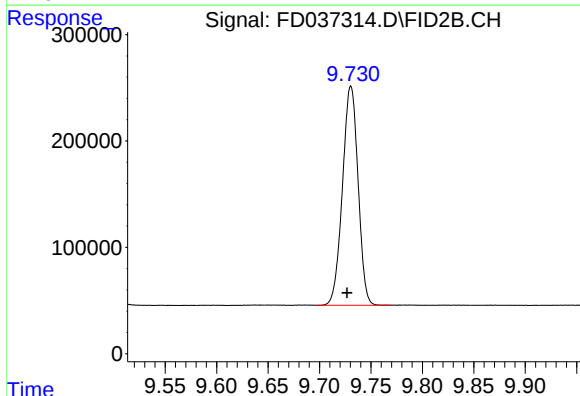
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.964 min
Delta R.T.: 0.002 min
Response: 2580618
Conc: 19.68 ug/ml



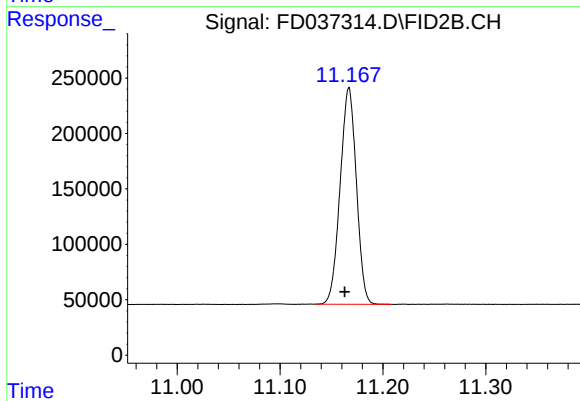
#6 n-Tetradecane (C14)

R.T.: 8.136 min
Delta R.T.: 0.003 min
Response: 2313437
Conc: 19.99 ug/ml



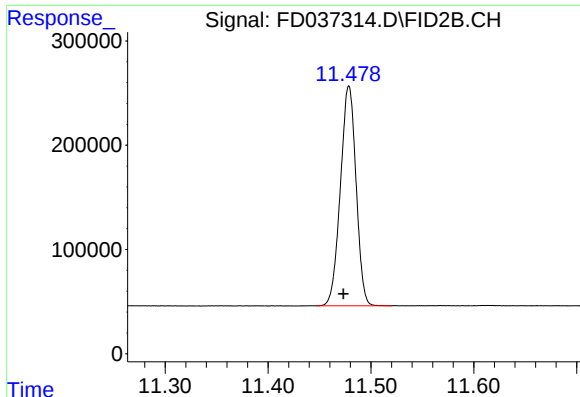
#7 n-Hexadecane (C16)

R.T.: 9.731 min
Delta R.T.: 0.004 min
Response: 2174371
Conc: 19.78 ug/ml



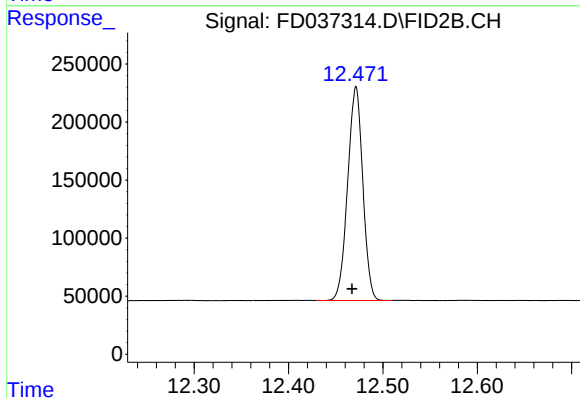
#8 n-Octadecane (C18)

R.T.: 11.167 min
Delta R.T.: 0.004 min
Response: 2141970
Conc: 19.54 ug/ml



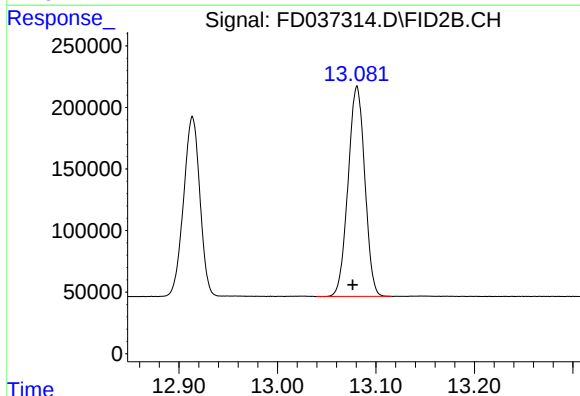
#9 ortho-Terphenyl (SURR)

R.T.: 11.479 min
Delta R.T.: 0.005 min
Response: 2227619
Conc: 19.08 ug/ml



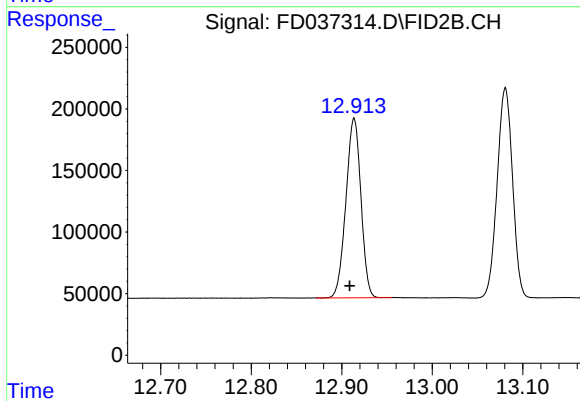
#10 n-Eicosane (C20)

R.T.: 12.472 min
Delta R.T.: 0.004 min
Response: 2053561
Conc: 19.36 ug/ml



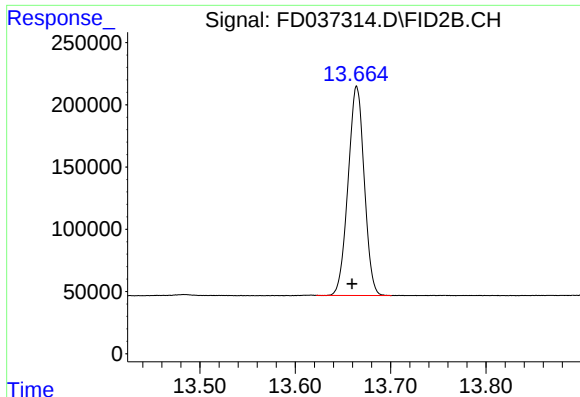
#11 n-Heneicosane (C21)

R.T.: 13.081 min
Delta R.T.: 0.004 min
Response: 2014056
Conc: 19.17 ug/ml



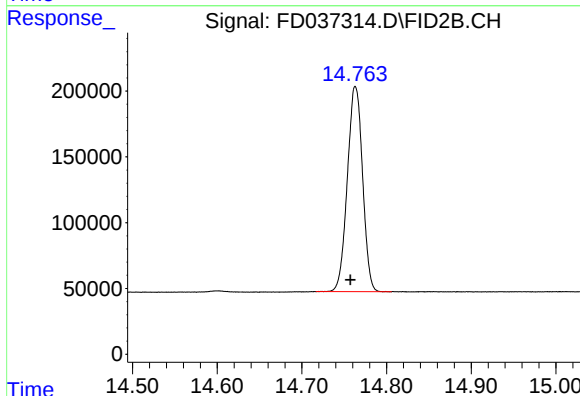
#12 1-chlorooctadecane (SURR)

R.T.: 12.914 min
Delta R.T.: 0.005 min
Response: 1676658
Conc: 19.82 ug/ml



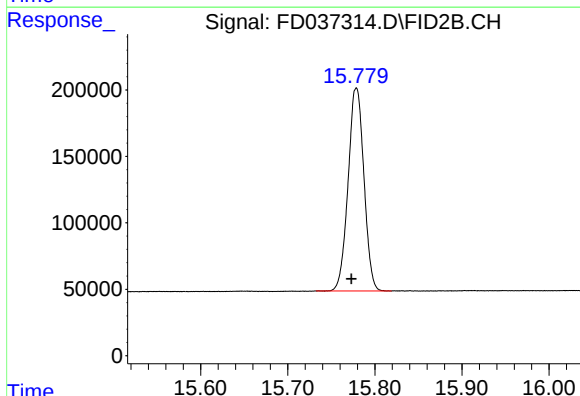
#13 n-Docosane (C22)

R.T.: 13.664 min
Delta R.T.: 0.005 min
Response: 1980256
Conc: 19.26 ug/ml



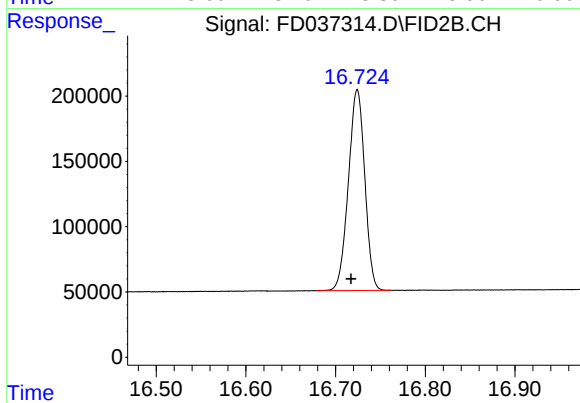
#14 n-Tetracosane (C24)

R.T.: 14.763 min
Delta R.T.: 0.006 min
Response: 1951685
Conc: 19.27 ug/ml



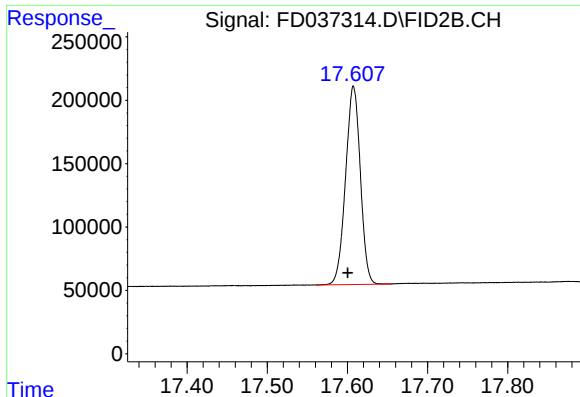
#15 n-Hexacosane (C26)

R.T.: 15.779 min
Delta R.T.: 0.006 min
Response: 1930375
Conc: 19.76 ug/ml



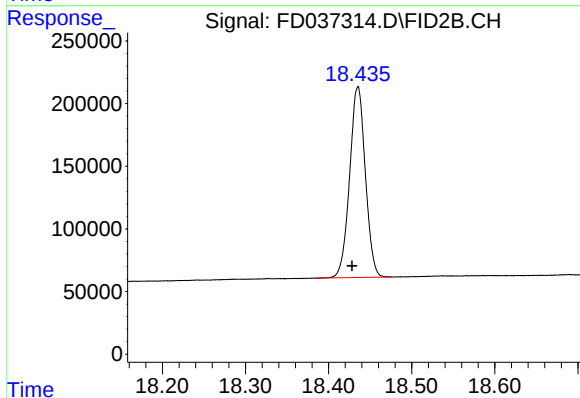
#16 n-Octacosane (C28)

R.T.: 16.724 min
Delta R.T.: 0.007 min
Response: 1954365
Conc: 20.33 ug/ml



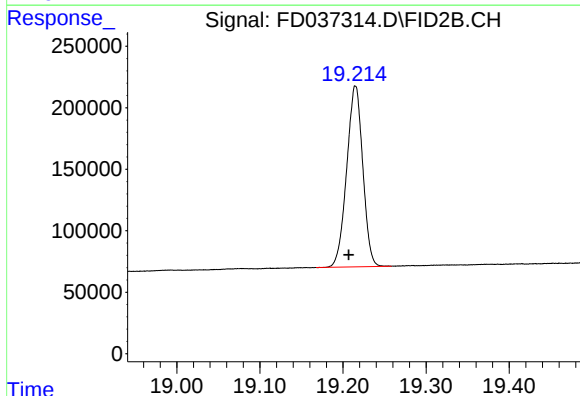
#17 n-Tricontane (C30)

R.T.: 17.608 min
Delta R.T.: 0.007 min
Response: 1998411
Conc: 20.78 ug/ml



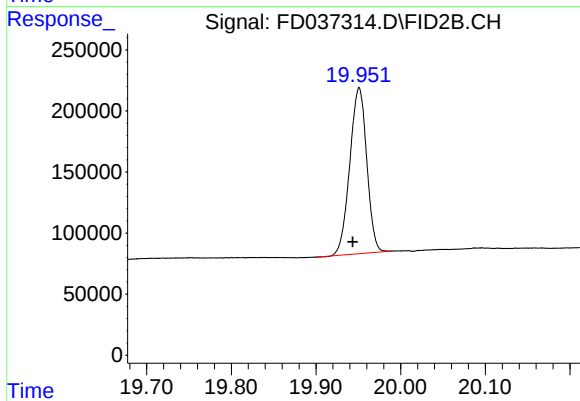
#18 n-Dotriacontane (C32)

R.T.: 18.435 min
Delta R.T.: 0.007 min
Response: 2000799
Conc: 20.34 ug/ml



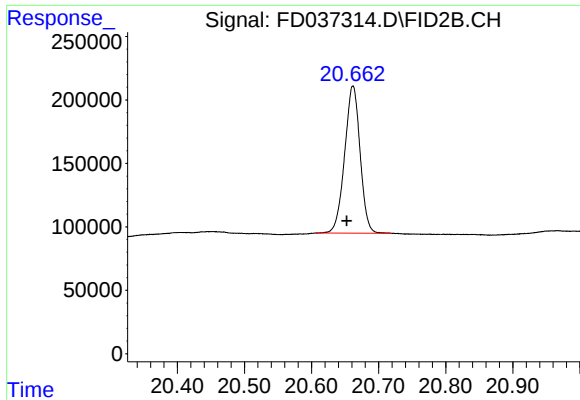
#19 n-Tetratriacontane (C34)

R.T.: 19.215 min
Delta R.T.: 0.008 min
Response: 1978573
Conc: 20.85 ug/ml



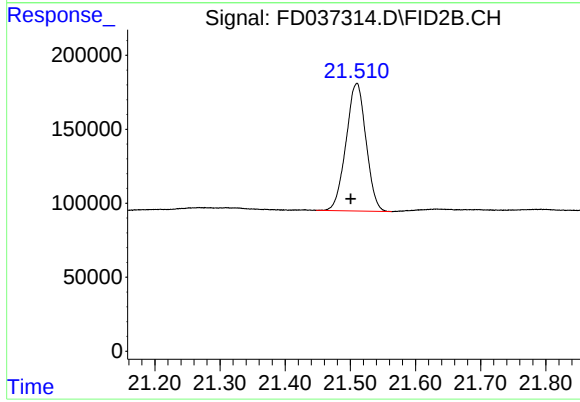
#20 n-Hexatriacontane (C36)

R.T.: 19.951 min
Delta R.T.: 0.008 min
Response: 1890120
Conc: 20.07 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.662 min
Delta R.T.: 0.009 min
Response: 1858269
Conc: 21.58 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.510 min
Delta R.T.: 0.009 min
Response: 1835519
Conc: 19.13 ug/ml