

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD112519AL\
 Data File : FD031702.D
 Signal(s) : FID2B.CH
 Acq On : 26 Nov 2019 4:47
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: sample.E
 Quant Time: Nov 26 06:00:55 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Alaphatic EPH 110519.M
 Quant Title : GC Extractables
 QLast Update : Wed Nov 06 06:45:13 2019
 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)	11.554	2951385	19.396 ug/ml
Spiked Amount 50.000		Recovery =	38.79%
12) S 1-chlorooctadecane (S...	12.983	2195358	19.319 ug/ml
Spiked Amount 50.000		Recovery =	38.64%
Target Compounds			
1) T n-Nonane (C9)	3.340	2985050	22.502 ug/ml
2) T n-Decane (C10)	4.410	2980952	22.350 ug/ml
3) T A~Naphthalene (C11.7)	5.993	3244239	21.660 ug/ml
4) T n-Dodecane (C12)	6.422	2937423	21.812 ug/ml
5) T A~2-methylnaphthalene...	7.045	3228702	21.302 ug/ml
6) T n-Tetradecane (C14)	8.209	2839695	21.074 ug/ml
7) T n-Hexadecane (C16)	9.802	2757821	20.569 ug/ml
8) T n-Octadecane (C18)	11.237	2672711	20.039 ug/ml
10) T n-Eicosane (C20)	12.540	2593222	19.659 ug/ml
11) T n-Heneicosane (C21)	13.149	2583449	19.523 ug/ml
13) T n-Docosane (C22)	13.733	2541465	19.355 ug/ml
14) T n-Tetracosane (C24)	14.830	2538738	19.401 ug/ml
15) T n-Hexacosane (C26)	15.845	2488819	19.265 ug/ml
16) T n-Octacosane (C28)	16.790	2487624	19.440 ug/ml
17) T n-Tricontane (C30)	17.674	2523641	19.785 ug/ml
18) T n-Dotriacontane (C32)	18.502	2503164	20.291 ug/mlm
19) T n-Tetratriacontane (C34)	19.280	2497949	20.883 ug/mlm
20) T n-Hexatriacontane (C36)	20.014	2425236	21.249 ug/ml
21) T n-Octatriacontane (C38)	20.735	2367613	22.543 ug/mlm
22) T n-Tetracontane (C40)	21.611	2473165	23.031 ug/ml

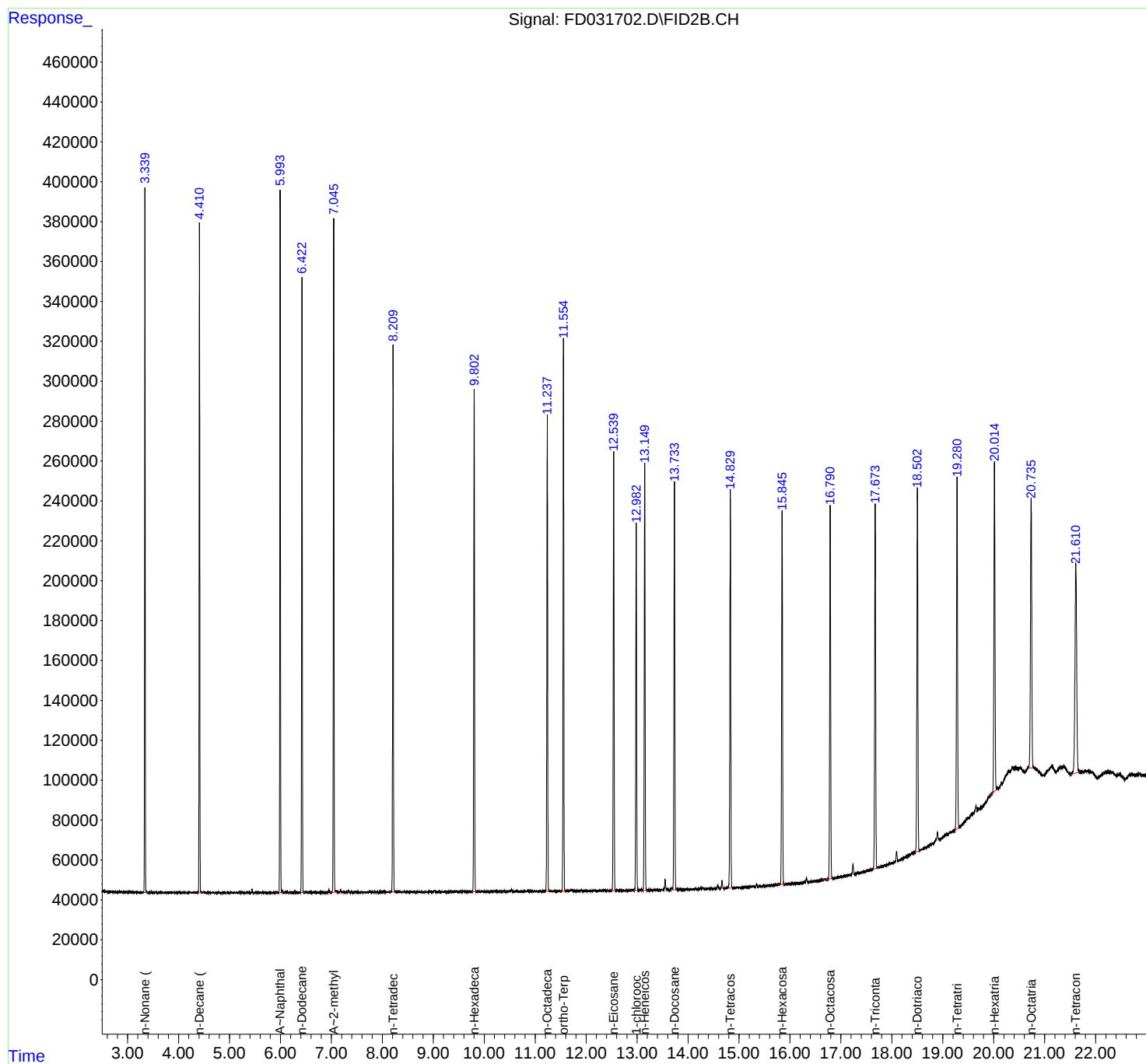
(f)=RT Delta > 1/2 Window

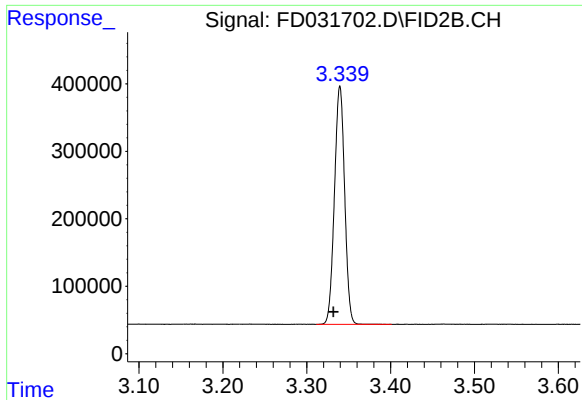
(m)=manual int.

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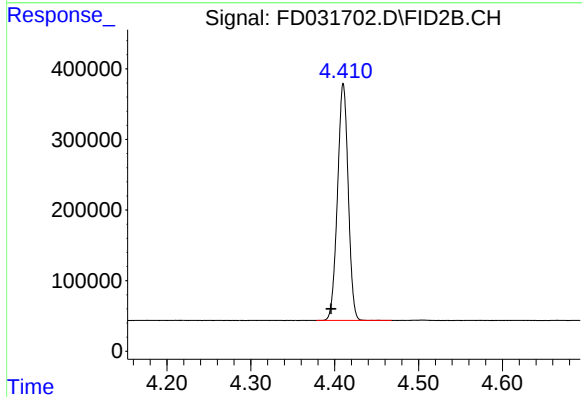
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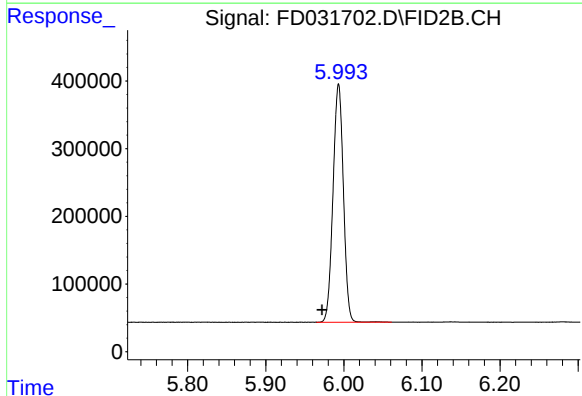
#1 n-Nonane (C9)

R.T.: 3.340 min
Delta R.T.: 0.008 min
Response: 2985050
Conc: 22.50 ug/ml



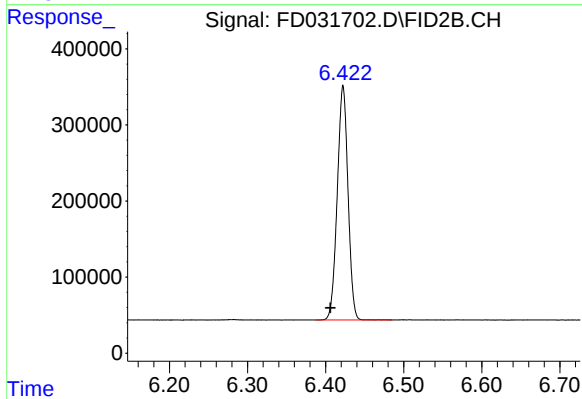
#2 n-Decane (C10)

R.T.: 4.410 min
Delta R.T.: 0.015 min
Response: 2980952
Conc: 22.35 ug/ml



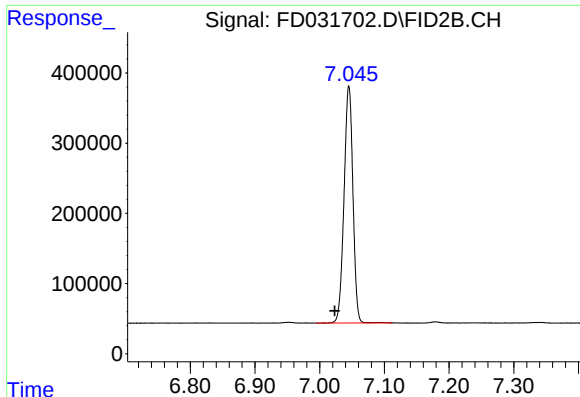
#3 A~Naphthalene (C11.7)

R.T.: 5.993 min
Delta R.T.: 0.021 min
Response: 3244239
Conc: 21.66 ug/ml



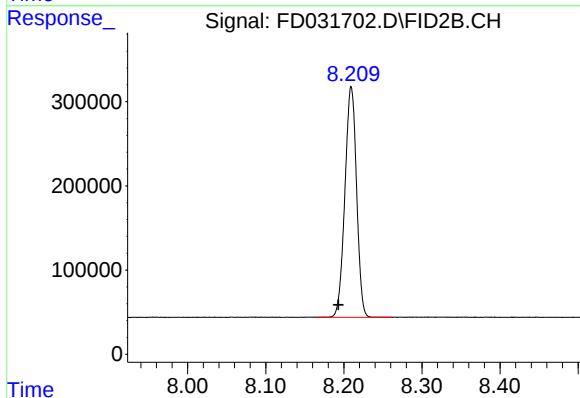
#4 n-Dodecane (C12)

R.T.: 6.422 min
Delta R.T.: 0.016 min
Response: 2937423
Conc: 21.81 ug/ml



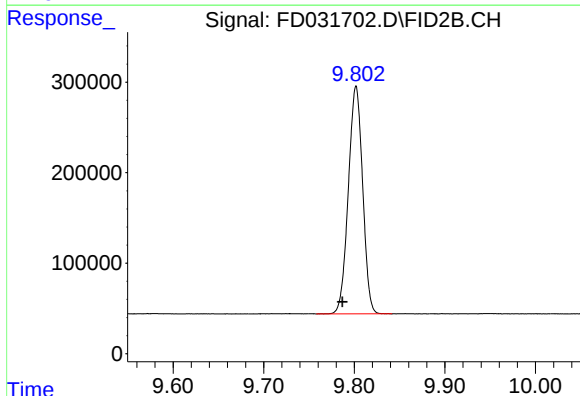
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.045 min
Delta R.T.: 0.022 min
Response: 3228702
Conc: 21.30 ug/ml



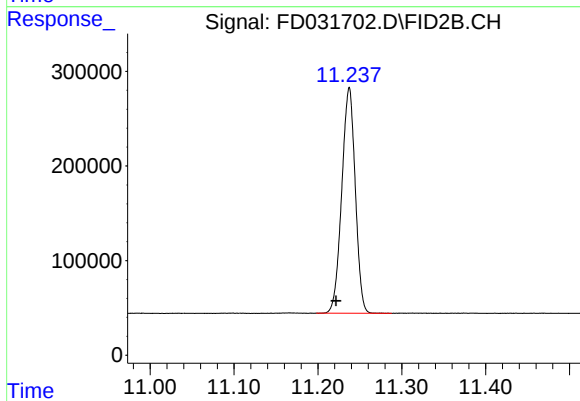
#6 n-Tetradecane (C14)

R.T.: 8.209 min
Delta R.T.: 0.016 min
Response: 2839695
Conc: 21.07 ug/ml



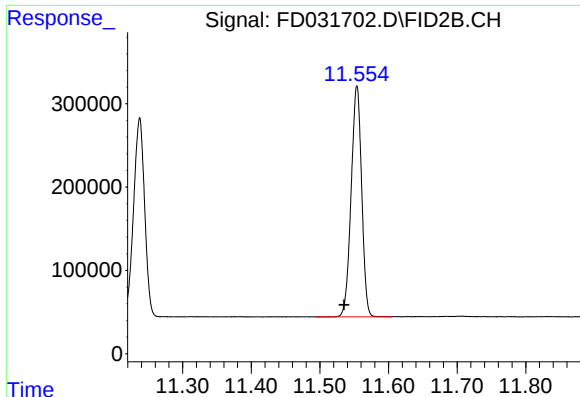
#7 n-Hexadecane (C16)

R.T.: 9.802 min
Delta R.T.: 0.015 min
Response: 2757821
Conc: 20.57 ug/ml



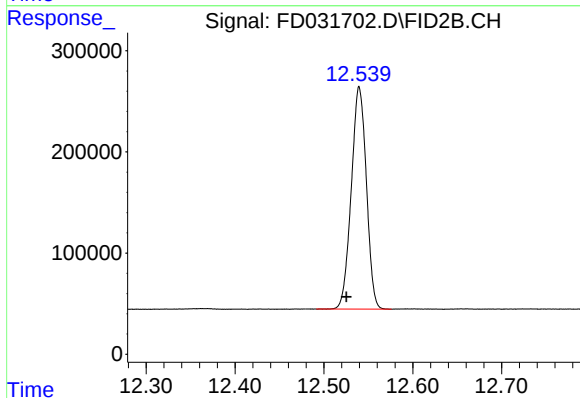
#8 n-Octadecane (C18)

R.T.: 11.237 min
Delta R.T.: 0.015 min
Response: 2672711
Conc: 20.04 ug/ml



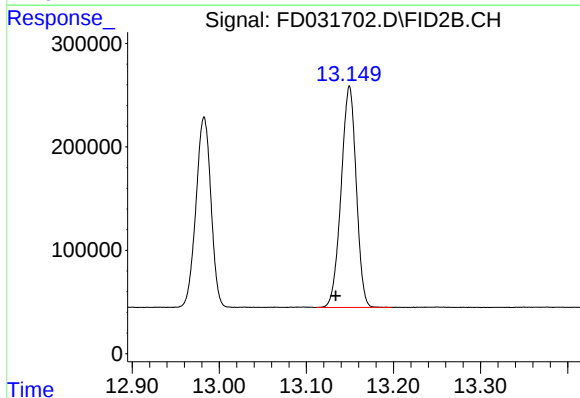
#9 ortho-Terphenyl (SURR)

R.T.: 11.554 min
Delta R.T.: 0.019 min
Response: 2951385
Conc: 19.40 ug/ml



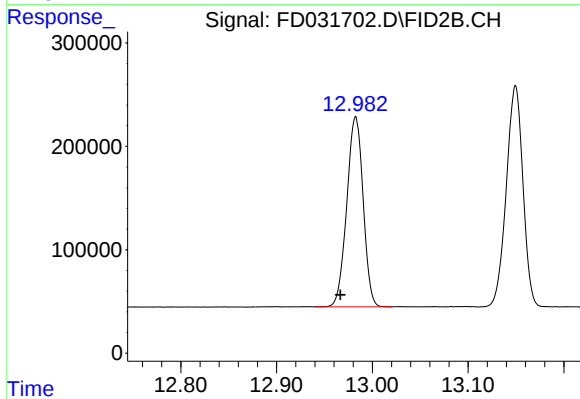
#10 n-Eicosane (C20)

R.T.: 12.540 min
Delta R.T.: 0.015 min
Response: 2593222
Conc: 19.66 ug/ml



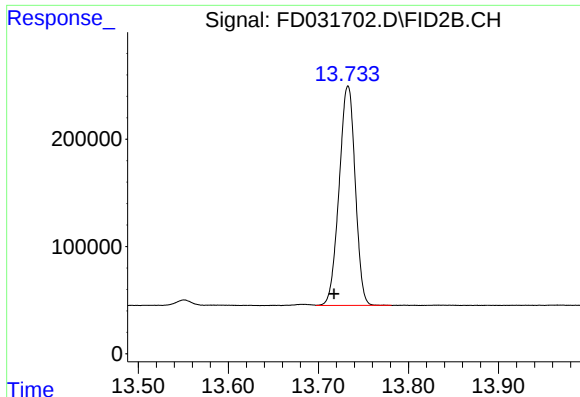
#11 n-Heneicosane (C21)

R.T.: 13.149 min
Delta R.T.: 0.015 min
Response: 2583449
Conc: 19.52 ug/ml



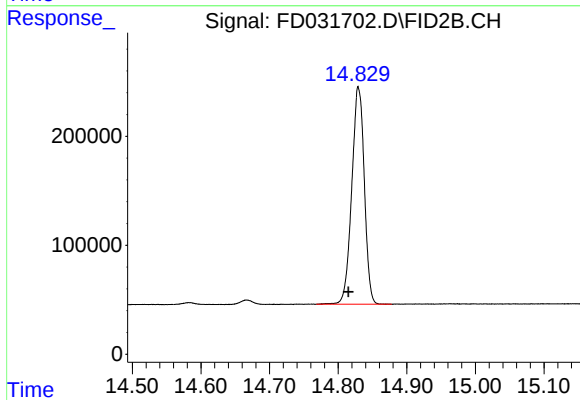
#12 1-chlorooctadecane (SURR)

R.T.: 12.983 min
Delta R.T.: 0.016 min
Response: 2195358
Conc: 19.32 ug/ml



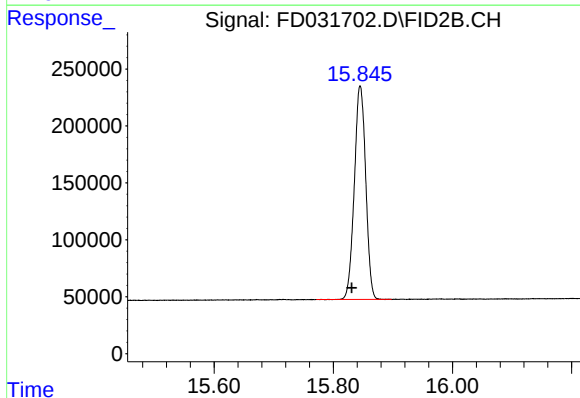
#13 n-Docosane (C22)

R.T.: 13.733 min
Delta R.T.: 0.015 min
Response: 2541465
Conc: 19.36 ug/ml



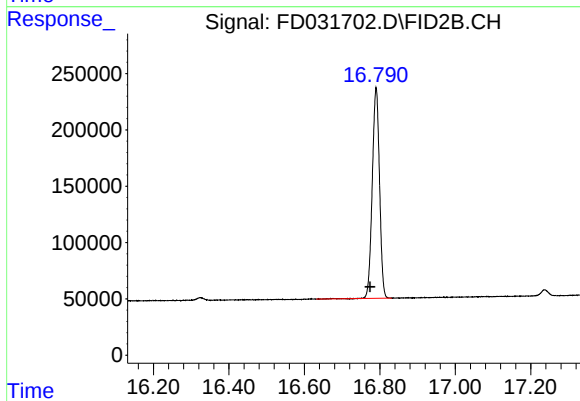
#14 n-Tetracosane (C24)

R.T.: 14.830 min
Delta R.T.: 0.015 min
Response: 2538738
Conc: 19.40 ug/ml



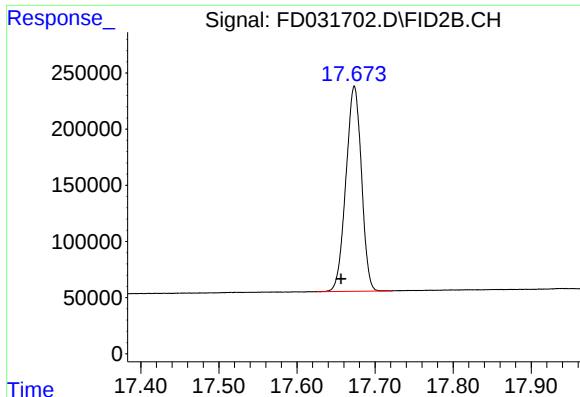
#15 n-Hexacosane (C26)

R.T.: 15.845 min
Delta R.T.: 0.015 min
Response: 2488819
Conc: 19.26 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.790 min
Delta R.T.: 0.016 min
Response: 2487624
Conc: 19.44 ug/ml



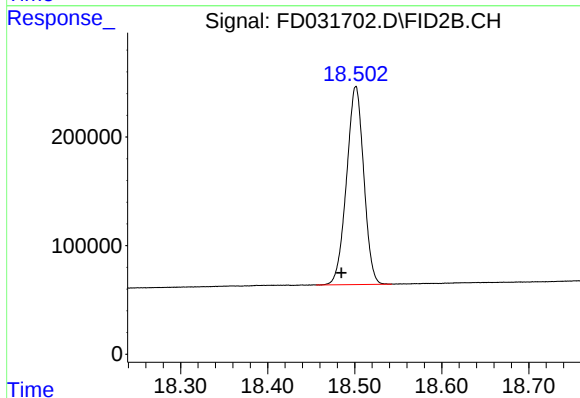
#17 n-Tricontane (C30)

R.T.: 17.674 min

Delta R.T.: 0.017 min

Response: 2523641

Conc: 19.78 ug/ml



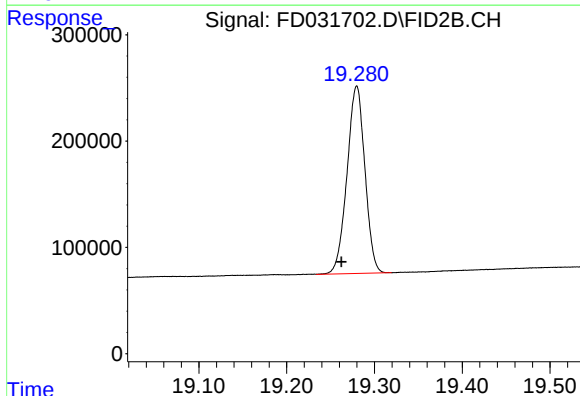
#18 n-Dotriacontane (C32)

R.T.: 18.502 min

Delta R.T.: 0.017 min

Response: 2503164

Conc: 20.29 ug/ml m



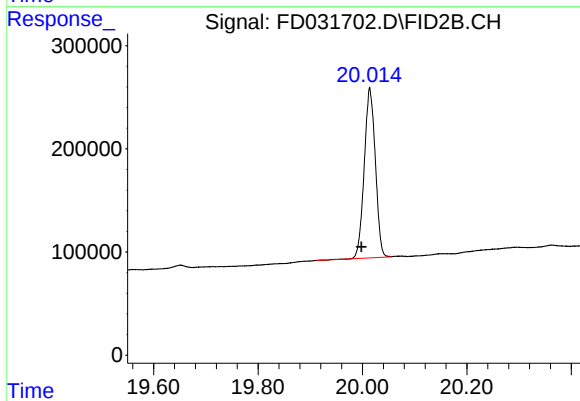
#19 n-Tetratriacontane (C34)

R.T.: 19.280 min

Delta R.T.: 0.017 min

Response: 2497949

Conc: 20.88 ug/ml m



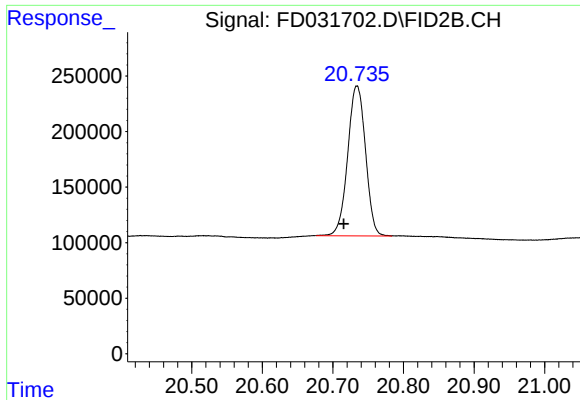
#20 n-Hexatriacontane (C36)

R.T.: 20.014 min

Delta R.T.: 0.016 min

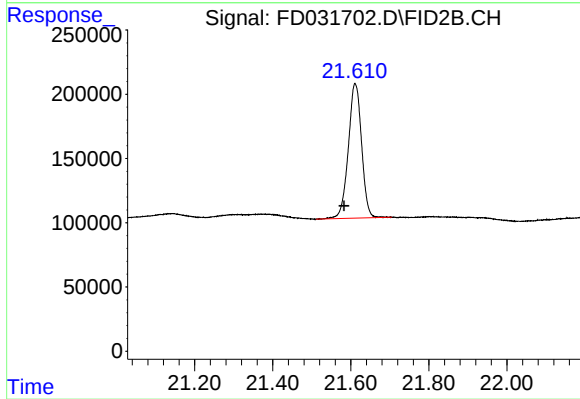
Response: 2425236

Conc: 21.25 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.735 min
Delta R.T.: 0.019 min
Response: 2367613
Conc: 22.54 ug/ml m



#22 n-Tetracontane (C40)

R.T.: 21.611 min
Delta R.T.: 0.029 min
Response: 2473165
Conc: 23.03 ug/ml