

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD121121AL\
 Data File : FD039820.D
 Signal(s) : FID2B.CH
 Acq On : 11 Dec 2021 22:24
 Operator : AJ\MA
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: sample.E
 Quant Time: Dec 12 03:32:53 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 120921.M
 Quant Title : GC Extractables
 Qlast Update : Fri Dec 10 11:55:55 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)	11.465	2959592	21.443 ug/ml
Spiked Amount 50.000		Recovery =	42.89%
12) S 1-chlorooctadecane (S...	12.896	2338618	21.756 ug/ml
Spiked Amount 50.000		Recovery =	43.51%
Target Compounds			
1) T n-Nonane (C9)	3.270	2582894	21.529 ug/ml
2) T n-Decane (C10)	4.328	2605246	21.608 ug/ml
3) T A~Naphthalene (C11.7)	5.905	2853040	22.083 ug/ml
4) T n-Dodecane (C12)	6.335	2602708	21.612 ug/ml
5) T A~2-methylnaphthalene...	6.956	2865970	22.227 ug/ml
6) T n-Tetradecane (C14)	8.121	2627375	21.676 ug/ml
7) T n-Hexadecane (C16)	9.714	2660030	21.738 ug/ml
8) T n-Octadecane (C18)	11.151	2770585	21.699 ug/ml
10) T n-Eicosane (C20)	12.454	2776405	21.630 ug/ml
11) T n-Heneicosane (C21)	13.063	2816788	21.501 ug/ml
13) T n-Docosane (C22)	13.646	2807121	21.464 ug/ml
14) T n-Tetracosane (C24)	14.743	2847179	21.288 ug/ml
15) T n-Hexacosane (C26)	15.759	2796819	21.279 ug/ml
16) T n-Octacosane (C28)	16.704	2748910	21.204 ug/ml
17) T n-Tricontane (C30)	17.587	2675993	21.588 ug/ml
18) T n-Dotriacontane (C32)	18.416	2499907	21.782 ug/ml
19) T n-Tetratriacontane (C34)	19.193	2356422	22.106 ug/ml
20) T n-Hexatriacontane (C36)	19.931	2142231	21.880 ug/ml
21) T n-Octatriacontane (C38)	20.640	1981510	21.775 ug/mlm
22) T n-Tetracontane (C40)	21.492	1895072	23.792 ug/ml

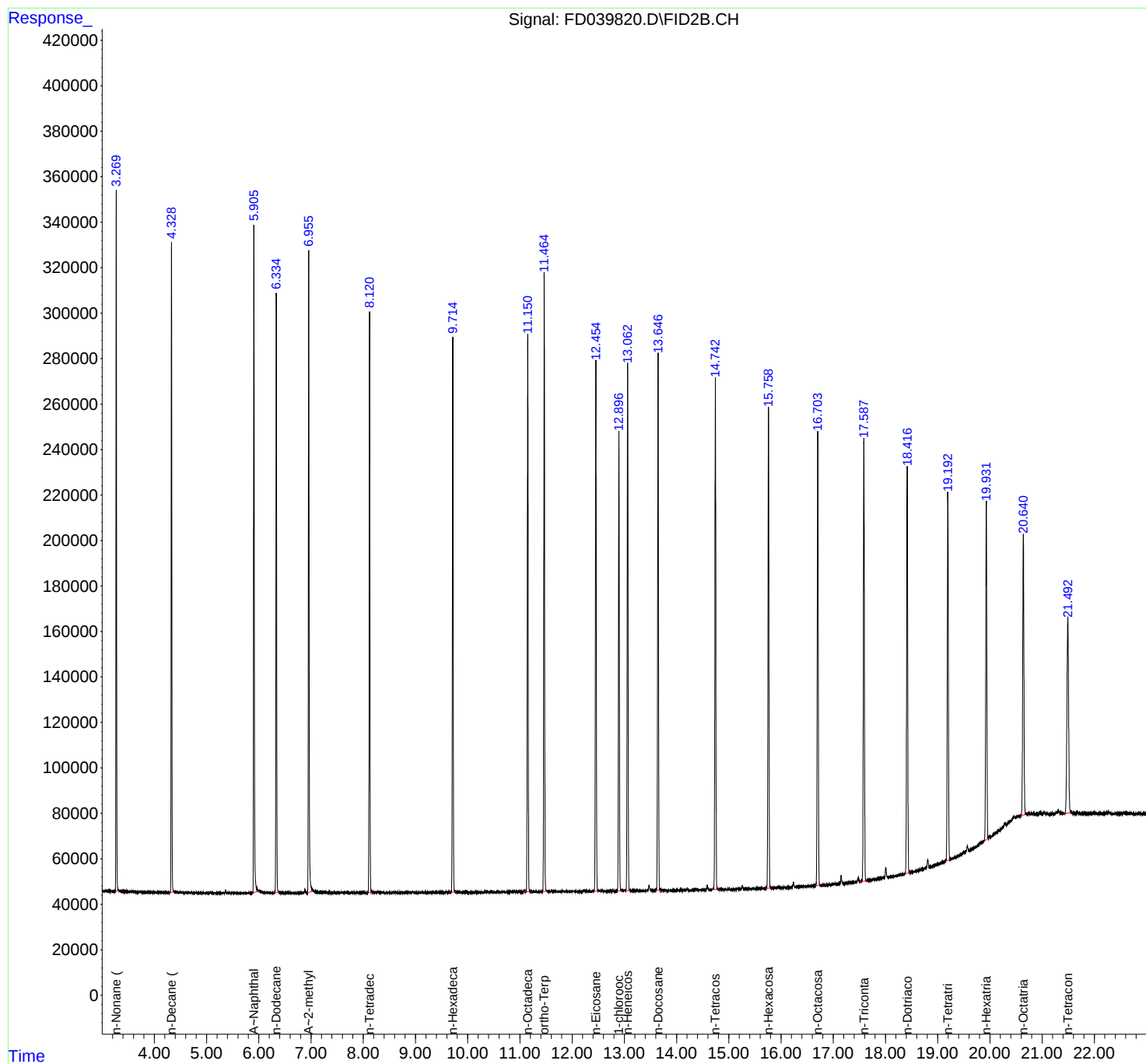
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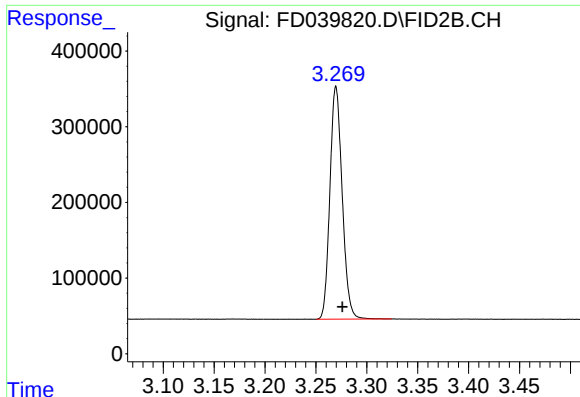
(m)=manual int.

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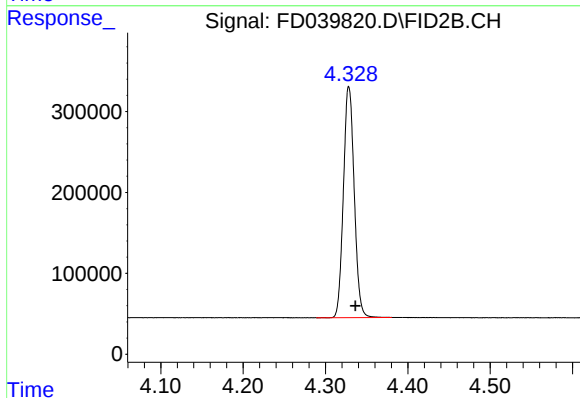
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Signal Info : 20M x 0.18mm x 0.18um





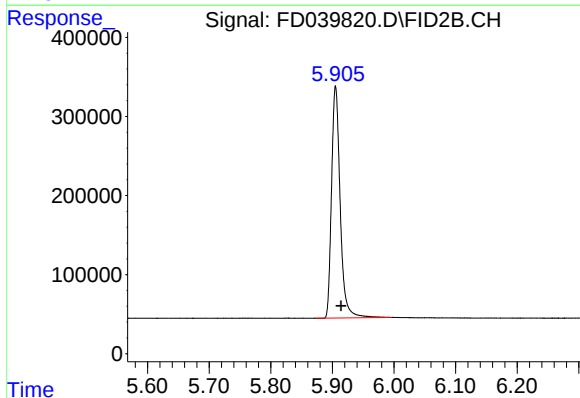
#1 n-Nonane (C9)

R.T.: 3.270 min
Delta R.T.: -0.006 min
Response: 2582894
Conc: 21.53 ug/ml



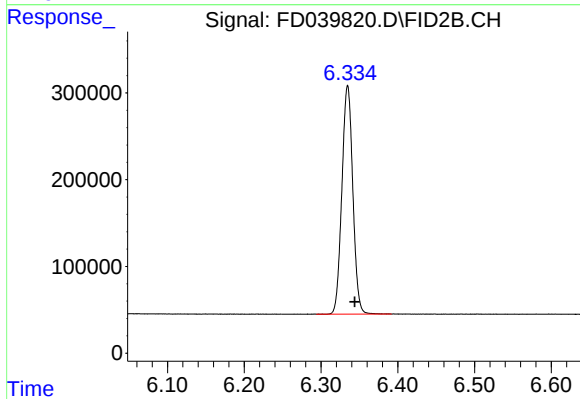
#2 n-Decane (C10)

R.T.: 4.328 min
Delta R.T.: -0.008 min
Response: 2605246
Conc: 21.61 ug/ml



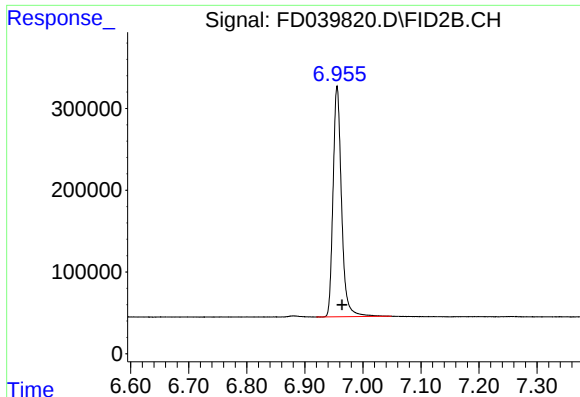
#3 A~Naphthalene (C11.7)

R.T.: 5.905 min
Delta R.T.: -0.009 min
Response: 2853040
Conc: 22.08 ug/ml



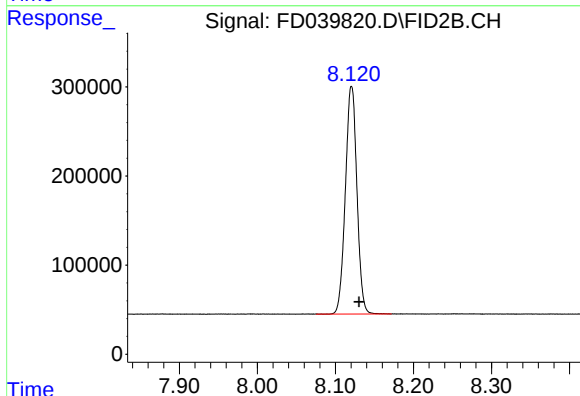
#4 n-Dodecane (C12)

R.T.: 6.335 min
Delta R.T.: -0.009 min
Response: 2602708
Conc: 21.61 ug/ml



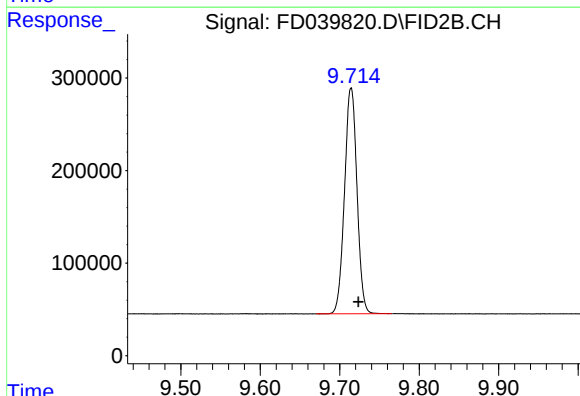
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.956 min
Delta R.T.: -0.009 min
Response: 2865970
Conc: 22.23 ug/ml



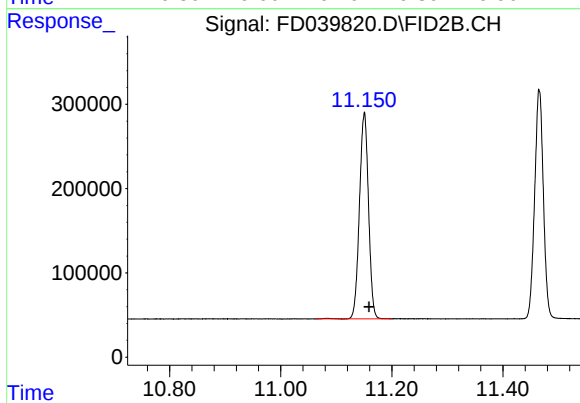
#6 n-Tetradecane (C14)

R.T.: 8.121 min
Delta R.T.: -0.010 min
Response: 2627375
Conc: 21.68 ug/ml



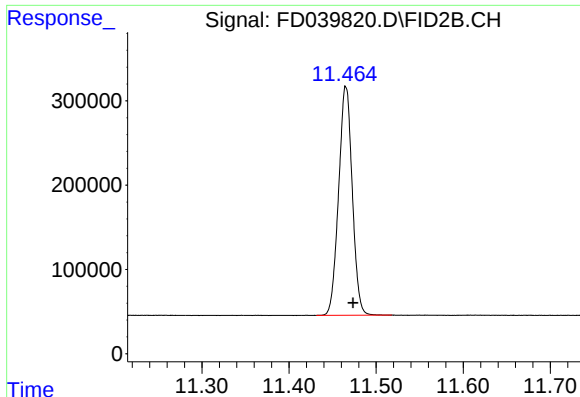
#7 n-Hexadecane (C16)

R.T.: 9.714 min
Delta R.T.: -0.009 min
Response: 2660030
Conc: 21.74 ug/ml



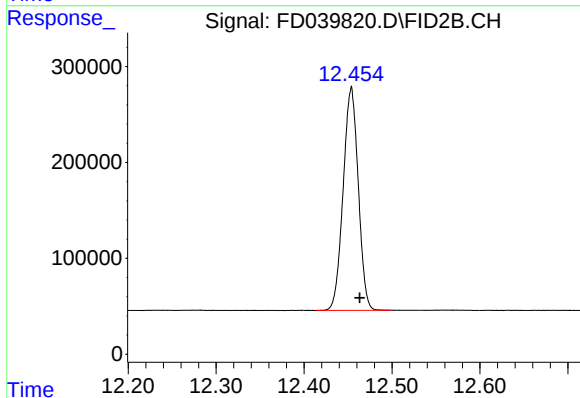
#8 n-Octadecane (C18)

R.T.: 11.151 min
Delta R.T.: -0.008 min
Response: 2770585
Conc: 21.70 ug/ml



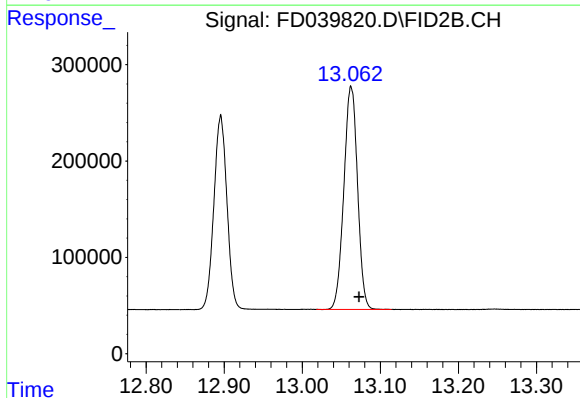
#9 ortho-Terphenyl (SURR)

R.T.: 11.465 min
Delta R.T.: -0.008 min
Response: 2959592
Conc: 21.44 ug/ml



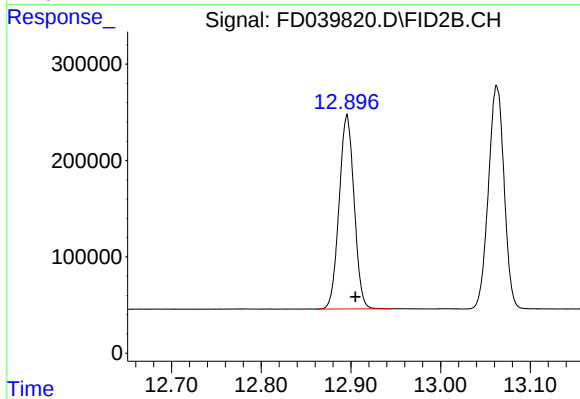
#10 n-Eicosane (C20)

R.T.: 12.454 min
Delta R.T.: -0.009 min
Response: 2776405
Conc: 21.63 ug/ml



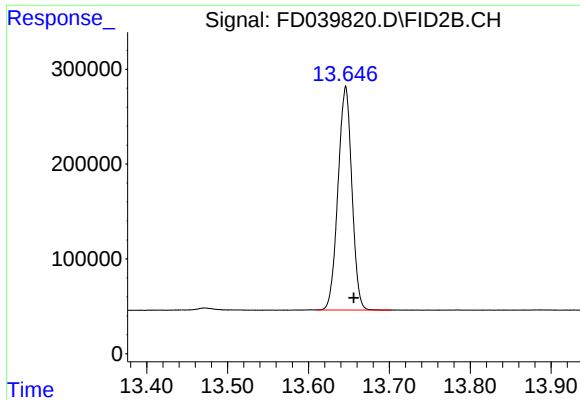
#11 n-Heneicosane (C21)

R.T.: 13.063 min
Delta R.T.: -0.010 min
Response: 2816788
Conc: 21.50 ug/ml



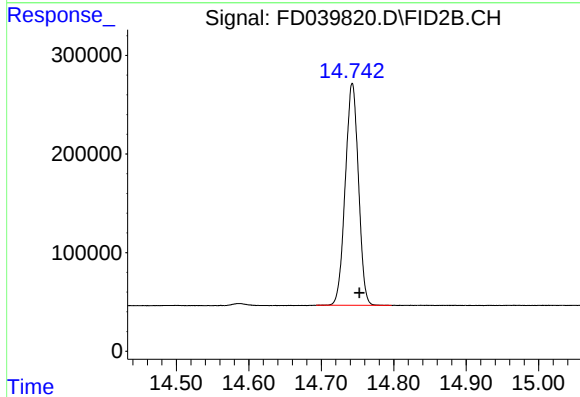
#12 1-chlorooctadecane (SURR)

R.T.: 12.896 min
Delta R.T.: -0.010 min
Response: 2338618
Conc: 21.76 ug/ml



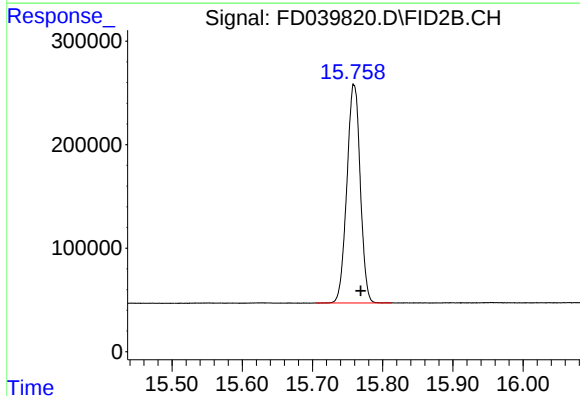
#13 n-Docosane (C22)

R.T.: 13.646 min
Delta R.T.: -0.010 min
Response: 2807121
Conc: 21.46 ug/ml



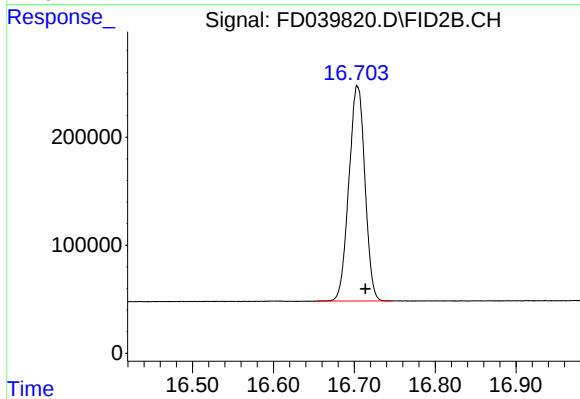
#14 n-Tetracosane (C24)

R.T.: 14.743 min
Delta R.T.: -0.010 min
Response: 2847179
Conc: 21.29 ug/ml



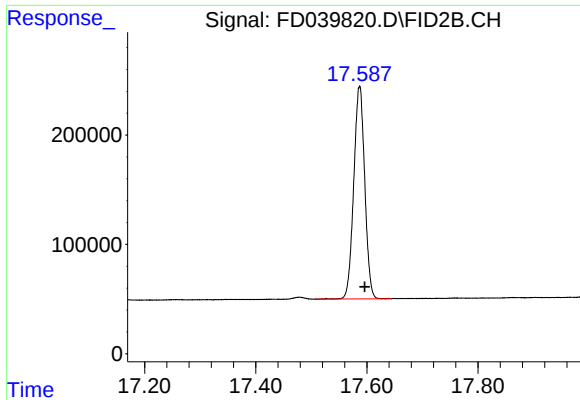
#15 n-Hexacosane (C26)

R.T.: 15.759 min
Delta R.T.: -0.010 min
Response: 2796819
Conc: 21.28 ug/ml



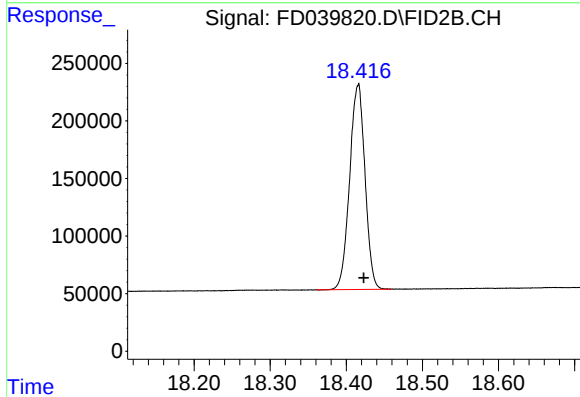
#16 n-Octacosane (C28)

R.T.: 16.704 min
Delta R.T.: -0.009 min
Response: 2748910
Conc: 21.20 ug/ml



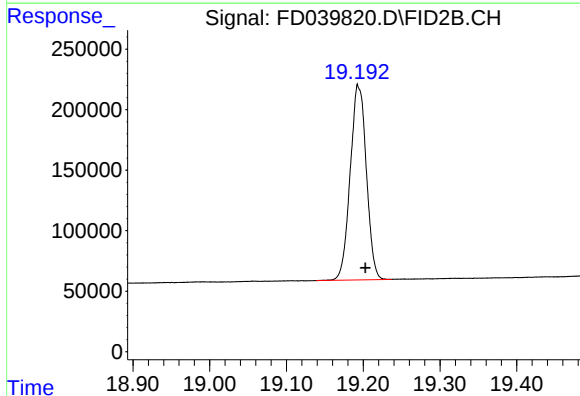
#17 n-Tricontane (C30)

R.T.: 17.587 min
Delta R.T.: -0.009 min
Response: 2675993
Conc: 21.59 ug/ml



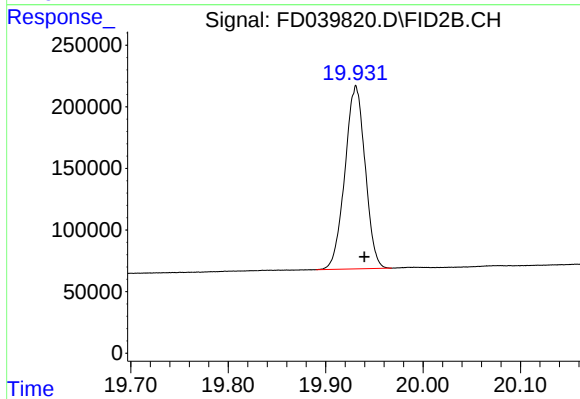
#18 n-Dotriacontane (C32)

R.T.: 18.416 min
Delta R.T.: -0.007 min
Response: 2499907
Conc: 21.78 ug/ml



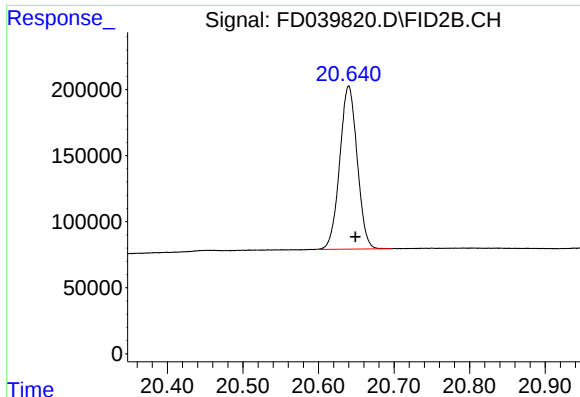
#19 n-Tetratriacontane (C34)

R.T.: 19.193 min
Delta R.T.: -0.010 min
Response: 2356422
Conc: 22.11 ug/ml



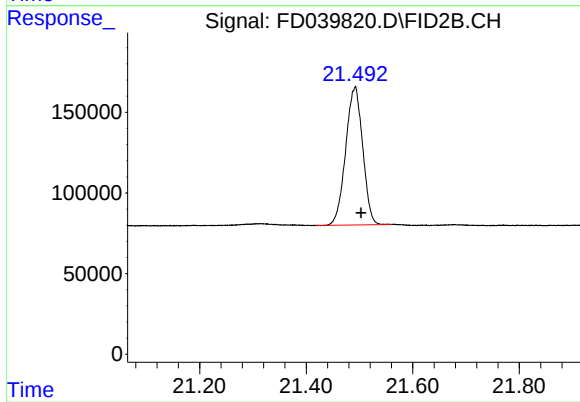
#20 n-Hexatriacontane (C36)

R.T.: 19.931 min
Delta R.T.: -0.009 min
Response: 2142231
Conc: 21.88 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.640 min
Delta R.T.: -0.009 min
Response: 1981510
Conc: 21.77 ug/ml m



#22 n-Tetracontane (C40)

R.T.: 21.492 min
Delta R.T.: -0.011 min
Response: 1895072
Conc: 23.79 ug/ml