

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD011521AL\
 Data File : FD036075.D
 Signal(s) : FID2B.CH
 Acq On : 16 Jan 2021 00:32
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Jan 16 01:57:32 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Alaphatic EPH 011121.M
 Quant Title : GC Extractables
 QLast Update : Tue Jan 12 02:11:59 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)	11.536	2803224	18.911 ug/ml
Spiked Amount 50.000		Recovery =	37.82%
12) S 1-chlorooctadecane (S...	12.969	2173785	18.480 ug/ml
Spiked Amount 50.000		Recovery =	36.96%
Target Compounds			
1) T n-Nonane (C9)	3.318	2768644	21.476 ug/ml
2) T n-Decane (C10)	4.383	2801874	21.533 ug/ml
3) T A~Naphthalene (C11.7)	5.964	3123864	21.330 ug/ml
4) T n-Dodecane (C12)	6.397	2840843	21.363 ug/ml
5) T A~2-methylnaphthalene...	7.018	3164021	21.066 ug/ml
6) T n-Tetradecane (C14)	8.188	2802725	20.974 ug/ml
7) T n-Hexadecane (C16)	9.784	2695865	20.370 ug/ml
8) T n-Octadecane (C18)	11.221	2716018	19.740 ug/ml
10) T n-Eicosane (C20)	12.526	2622236	18.978 ug/ml
11) T n-Heneicosane (C21)	13.137	2559019	18.518 ug/ml
13) T n-Docosane (C22)	13.720	2514886	18.318 ug/ml
14) T n-Tetracosane (C24)	14.819	2390901	17.588 ug/ml
15) T n-Hexacosane (C26)	15.835	2291101	17.258 ug/ml
16) T n-Octacosane (C28)	16.781	2240972	17.320 ug/ml
17) T n-Tricontane (C30)	17.664	2202022	17.860 ug/ml
18) T n-Dotriacontane (C32)	18.493	2074217	18.819 ug/ml
19) T n-Tetratriacontane (C34)	19.272	1975543	19.928 ug/ml
20) T n-Hexatriacontane (C36)	20.007	1930627	21.465 ug/mlm
21) T n-Octatriacontane (C38)	20.725	1816840	21.868 ug/mlm
22) T n-Tetracontane (C40)	21.595	1852771	22.029 ug/mlm

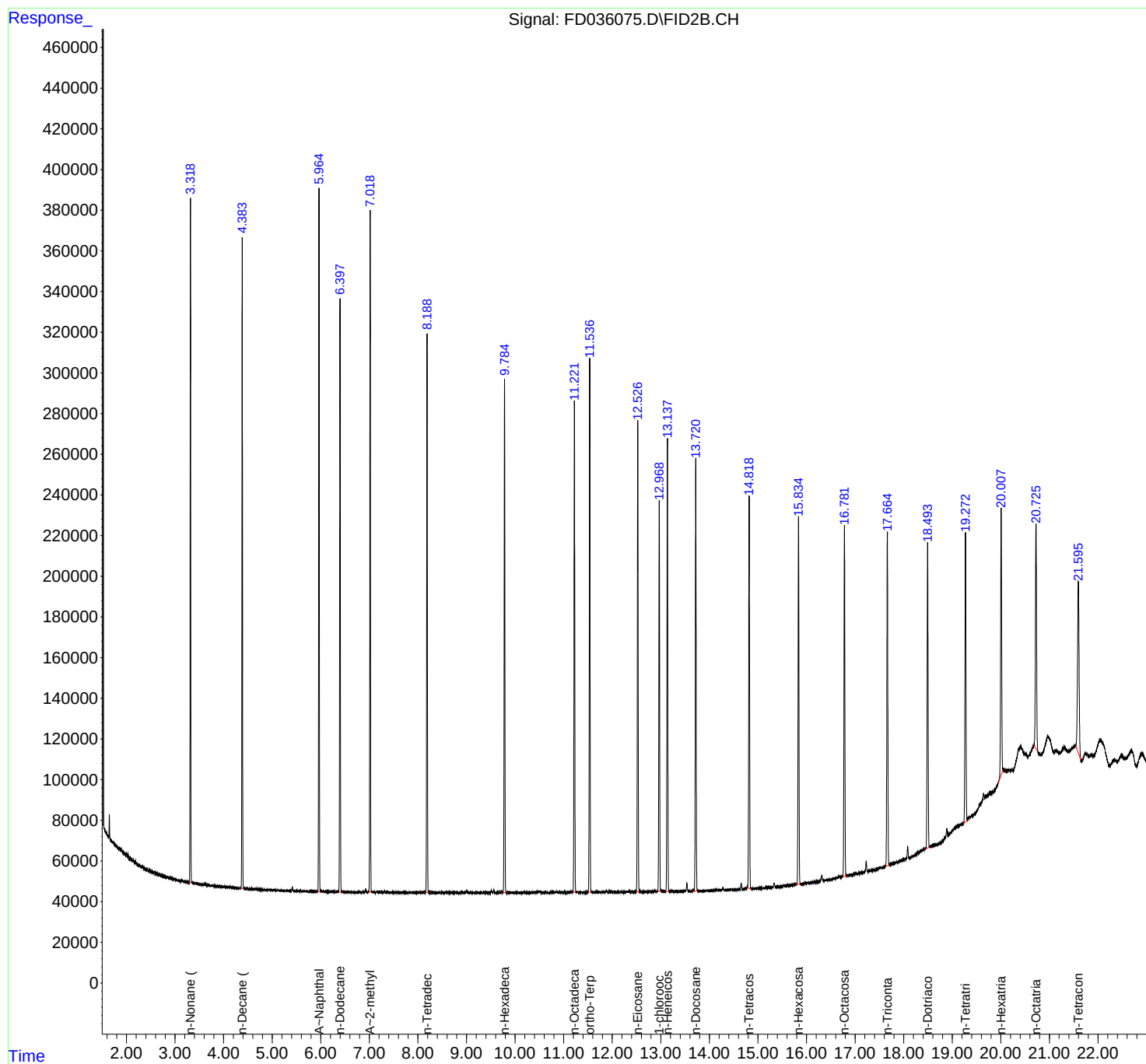
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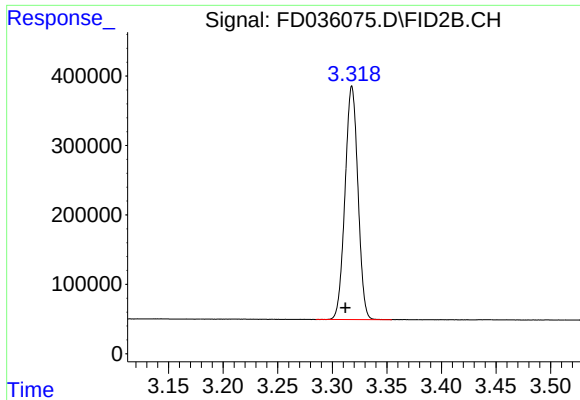
(m)=manual int.

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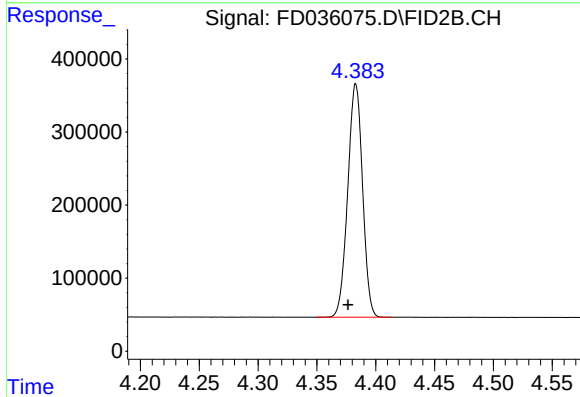
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Signal Info : 20M x 0.18mm x 0.18um





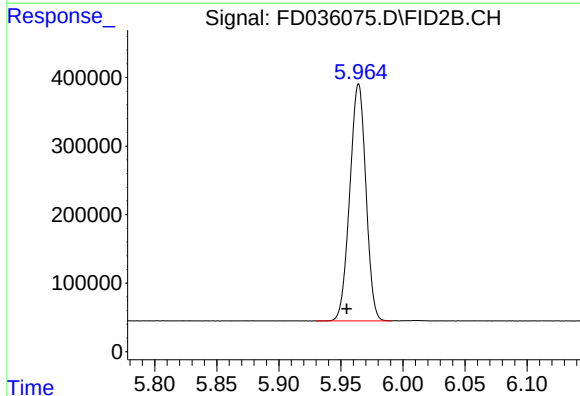
#1 n-Nonane (C9)

R.T.: 3.318 min
Delta R.T.: 0.006 min
Response: 2768644
Conc: 21.48 ug/ml



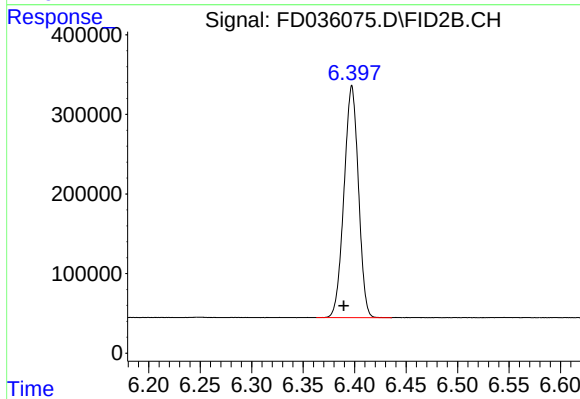
#2 n-Decane (C10)

R.T.: 4.383 min
Delta R.T.: 0.006 min
Response: 2801874
Conc: 21.53 ug/ml



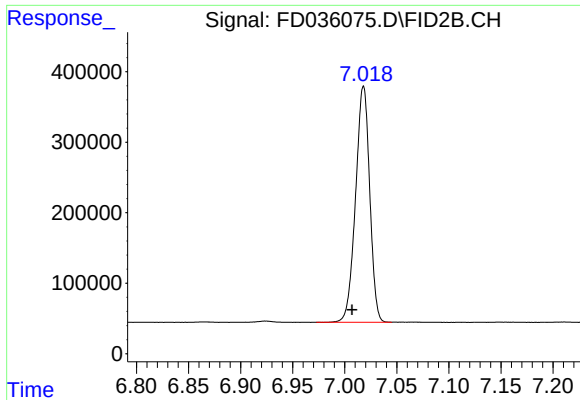
#3 A~Naphthalene (C11.7)

R.T.: 5.964 min
Delta R.T.: 0.010 min
Response: 3123864
Conc: 21.33 ug/ml



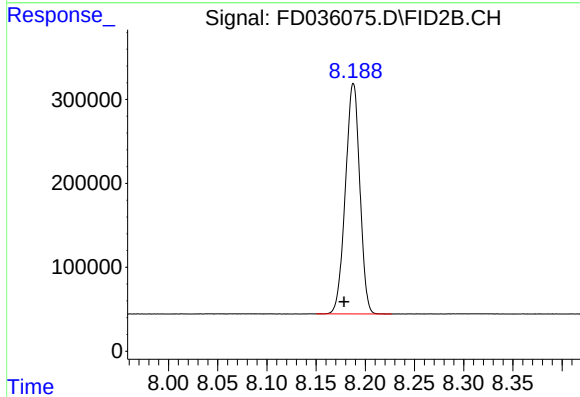
#4 n-Dodecane (C12)

R.T.: 6.397 min
Delta R.T.: 0.008 min
Response: 2840843
Conc: 21.36 ug/ml



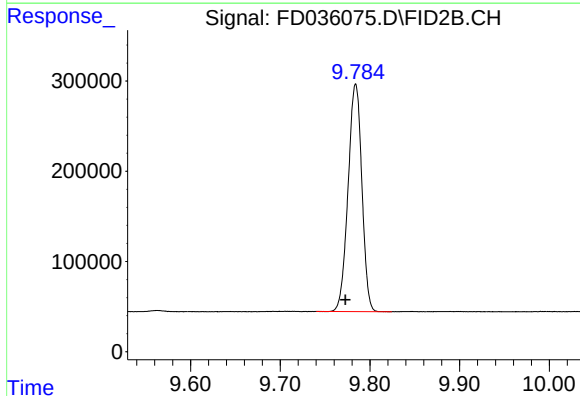
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.018 min
Delta R.T.: 0.011 min
Response: 3164021
Conc: 21.07 ug/ml



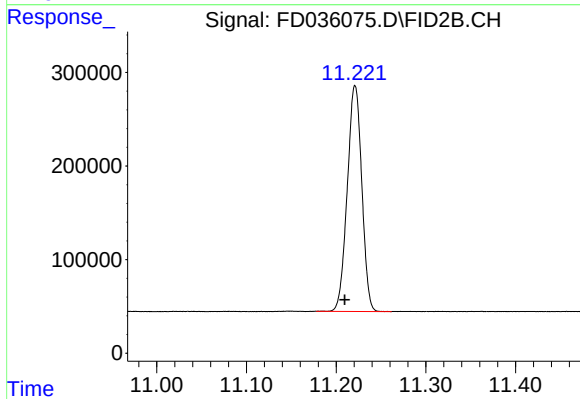
#6 n-Tetradecane (C14)

R.T.: 8.188 min
Delta R.T.: 0.010 min
Response: 2802725
Conc: 20.97 ug/ml



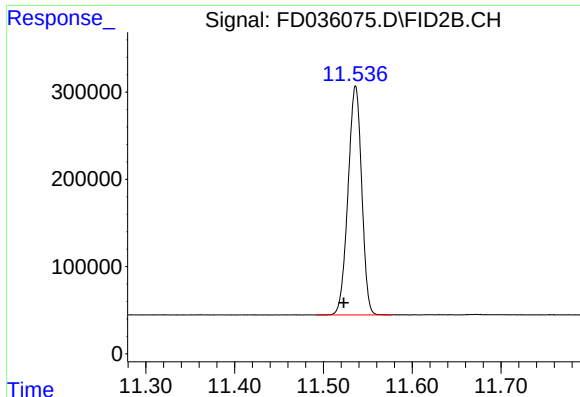
#7 n-Hexadecane (C16)

R.T.: 9.784 min
Delta R.T.: 0.011 min
Response: 2695865
Conc: 20.37 ug/ml



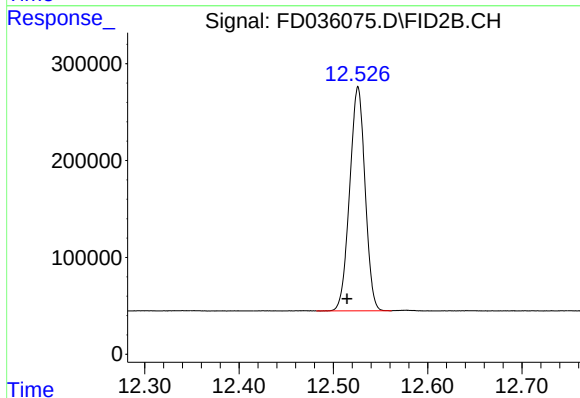
#8 n-Octadecane (C18)

R.T.: 11.221 min
Delta R.T.: 0.011 min
Response: 2716018
Conc: 19.74 ug/ml



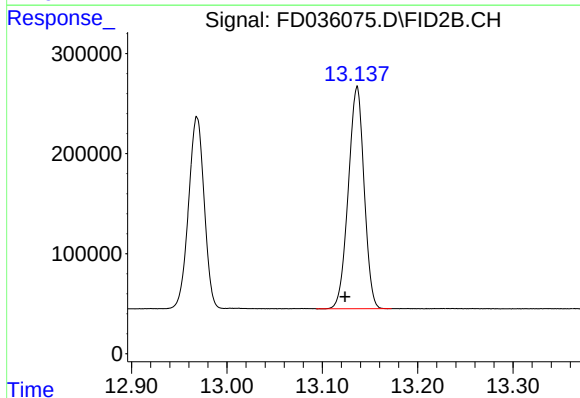
#9 ortho-Terphenyl (SURR)

R.T.: 11.536 min
Delta R.T.: 0.013 min
Response: 2803224
Conc: 18.91 ug/ml



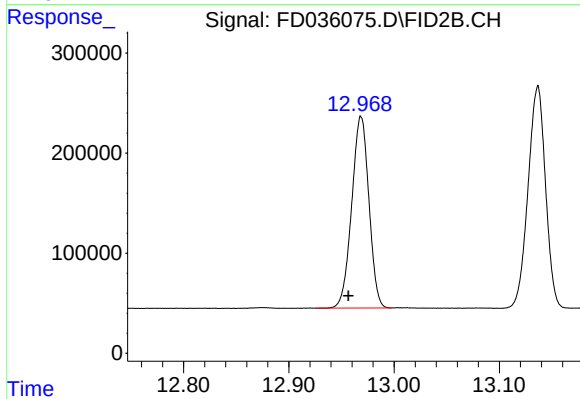
#10 n-Eicosane (C20)

R.T.: 12.526 min
Delta R.T.: 0.012 min
Response: 2622236
Conc: 18.98 ug/ml



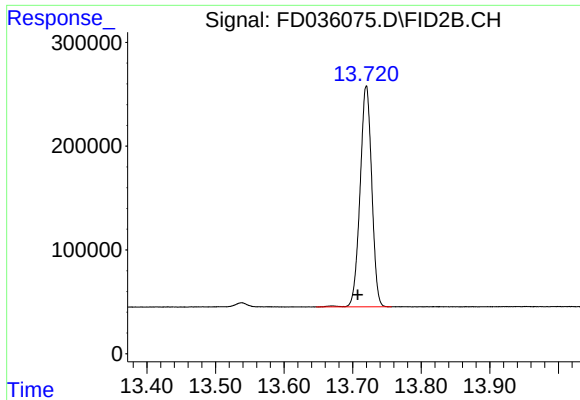
#11 n-Heneicosane (C21)

R.T.: 13.137 min
Delta R.T.: 0.013 min
Response: 2559019
Conc: 18.52 ug/ml



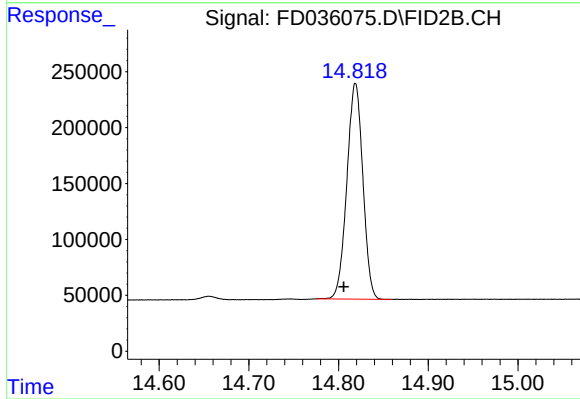
#12 1-chlorooctadecane (SURR)

R.T.: 12.969 min
Delta R.T.: 0.012 min
Response: 2173785
Conc: 18.48 ug/ml



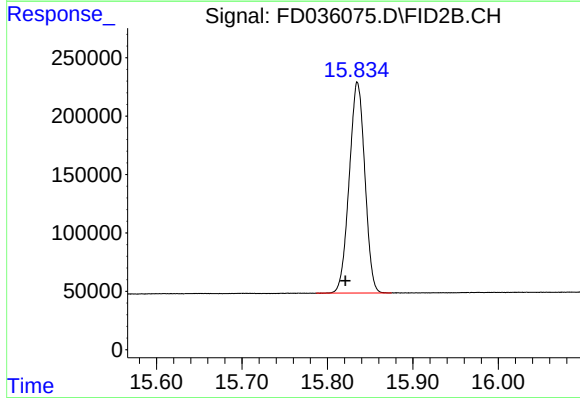
#13 n-Docosane (C22)

R.T.: 13.720 min
Delta R.T.: 0.013 min
Response: 2514886
Conc: 18.32 ug/ml



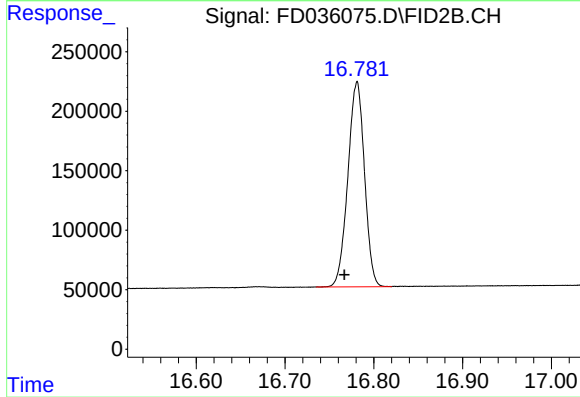
#14 n-Tetracosane (C24)

R.T.: 14.819 min
Delta R.T.: 0.013 min
Response: 2390901
Conc: 17.59 ug/ml



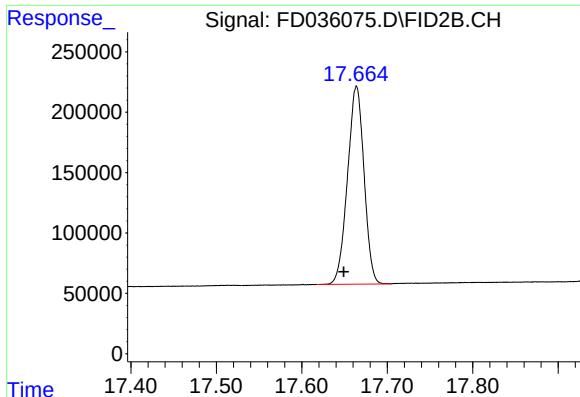
#15 n-Hexacosane (C26)

R.T.: 15.835 min
Delta R.T.: 0.014 min
Response: 2291101
Conc: 17.26 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.781 min
Delta R.T.: 0.014 min
Response: 2240972
Conc: 17.32 ug/ml



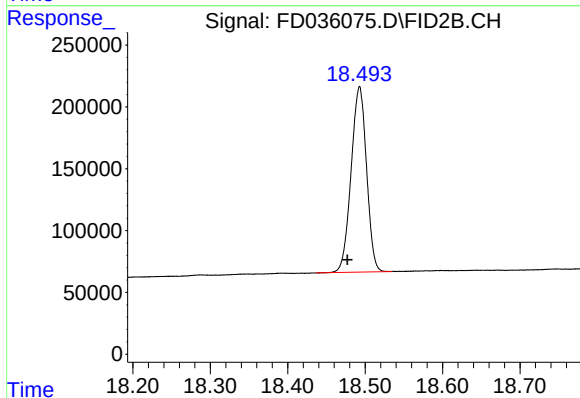
#17 n-Tricontane (C30)

R.T.: 17.664 min

Delta R.T.: 0.015 min

Response: 2202022

Conc: 17.86 ug/ml



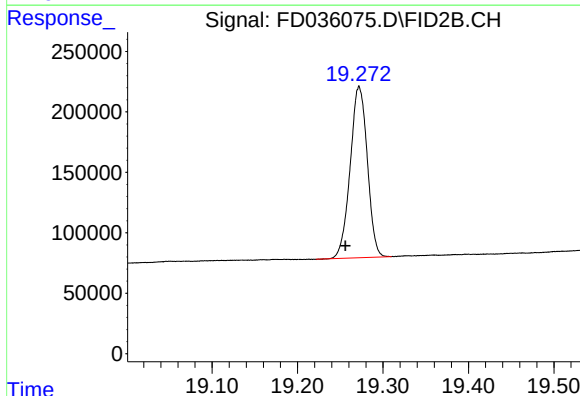
#18 n-Dotriacontane (C32)

R.T.: 18.493 min

Delta R.T.: 0.016 min

Response: 2074217

Conc: 18.82 ug/ml



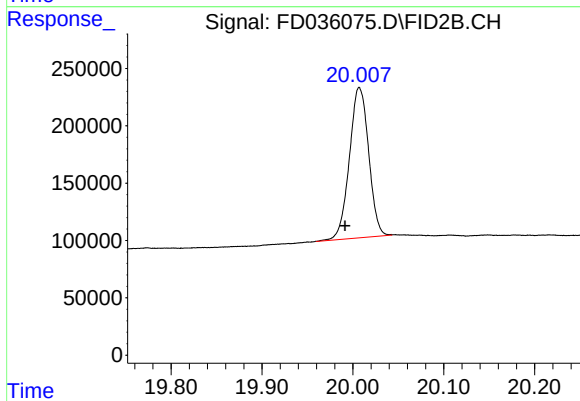
#19 n-Tetratriacontane (C34)

R.T.: 19.272 min

Delta R.T.: 0.016 min

Response: 1975543

Conc: 19.93 ug/ml



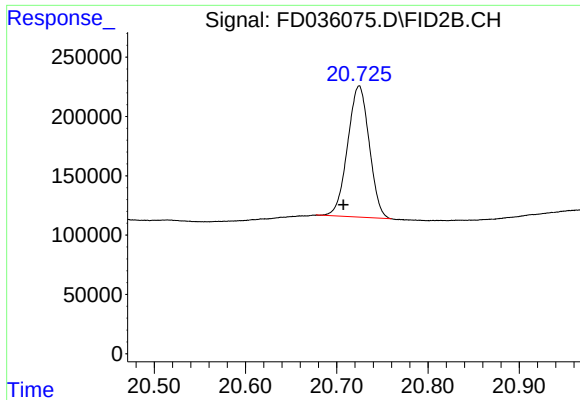
#20 n-Hexatriacontane (C36)

R.T.: 20.007 min

Delta R.T.: 0.015 min

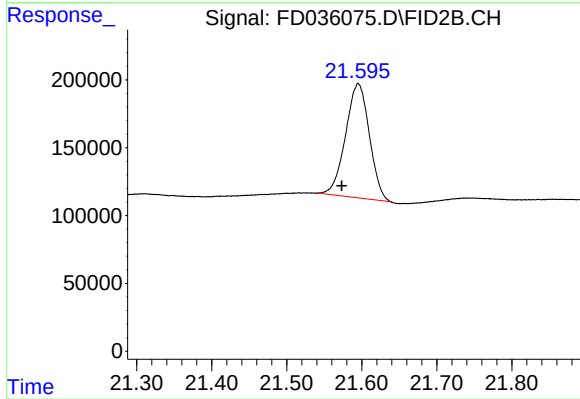
Response: 1930627

Conc: 21.46 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 20.725 min
Delta R.T.: 0.017 min
Response: 1816840
Conc: 21.87 ug/ml m



#22 n-Tetracontane (C40)

R.T.: 21.595 min
Delta R.T.: 0.021 min
Response: 1852771
Conc: 22.03 ug/ml m