

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD012120AL\
 Data File : FD032074.D
 Signal(s) : FID2B.CH
 Acq On : 21 Jan 2020 20:15
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 60 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Jan 22 01:26:02 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Alaphatic EPH 010620.M
 Quant Title : GC Extractables
 QLast Update : Tue Jan 07 01:05:13 2020
 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	2667495	19.309 ug/ml
Spiked Amount 50.000		Recovery =	38.62%
12) S 1-chlorooctadecane (S...	12.967	2036566	18.696 ug/ml
Spiked Amount 50.000		Recovery =	37.39%
Target Compounds			
1) T n-Nonane (C9)	3.334	2483359	21.129 ug/ml
2) T n-Decane (C10)	4.398	2508105	21.290 ug/ml
3) T A~Naphthalene (C11.7)	5.976	2812939	21.262 ug/ml
4) T n-Dodecane (C12)	6.408	2544197	21.377 ug/ml
5) T A~2-methylnaphthalene...	7.028	2832103	21.129 ug/ml
6) T n-Tetradecane (C14)	8.194	2550844	21.017 ug/ml
7) T n-Hexadecane (C16)	9.786	2543454	20.521 ug/ml
8) T n-Octadecane (C18)	11.221	2514515	19.912 ug/ml
10) T n-Eicosane (C20)	12.525	2464598	19.315 ug/ml
11) T n-Heneicosane (C21)	13.133	2434989	18.903 ug/ml
13) T n-Docosane (C22)	13.717	2434057	18.920 ug/ml
14) T n-Tetracosane (C24)	14.813	2452081	18.883 ug/ml
15) T n-Hexacosane (C26)	15.829	2553914	19.815 ug/ml
16) T n-Octacosane (C28)	16.774	2625081	20.594 ug/ml
17) T n-Tricontane (C30)	17.657	2515157	20.517 ug/ml
18) T n-Dotriacontane (C32)	18.484	2128263	20.330 ug/ml
19) T n-Tetratriacontane (C34)	19.264	1715150	19.394 ug/ml
20) T n-Hexatriacontane (C36)	19.999	1520054	19.287 ug/ml
21) T n-Octatriacontane (C38)	20.716	1419328	19.249 ug/ml
22) T n-Tetracontane (C40)	21.584	1421340	18.779 ug/ml

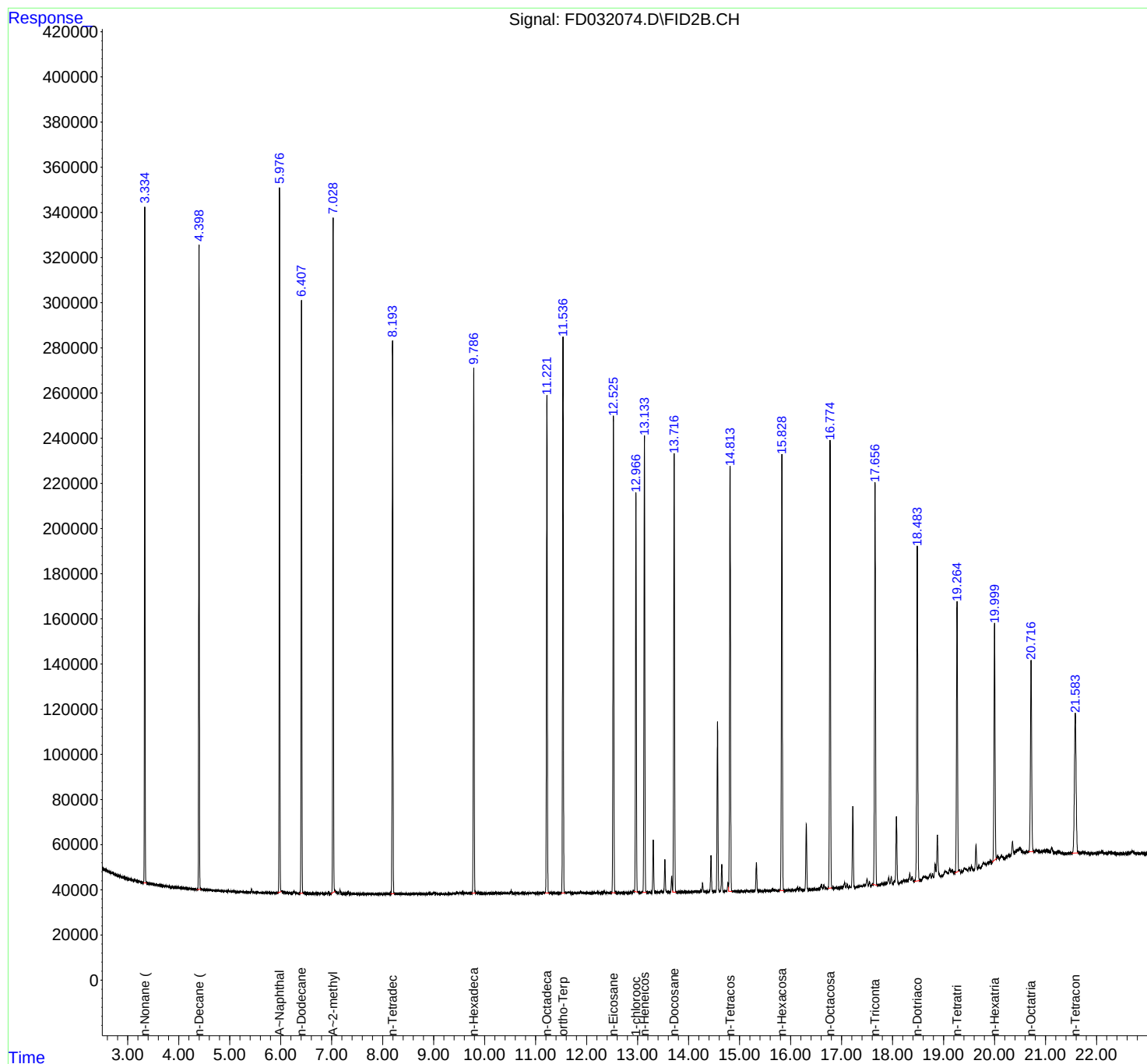
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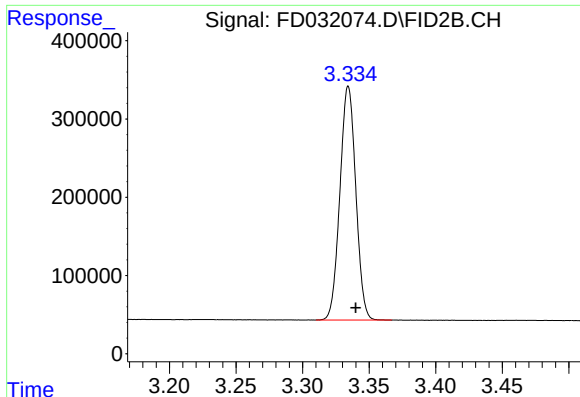
(m)=manual int.

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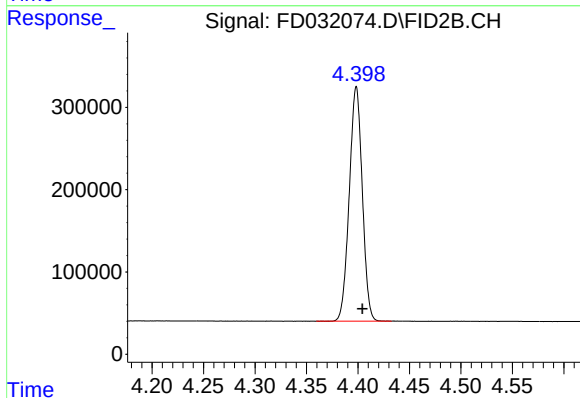
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Signal Info : 20M x 0.18mm x 0.18um





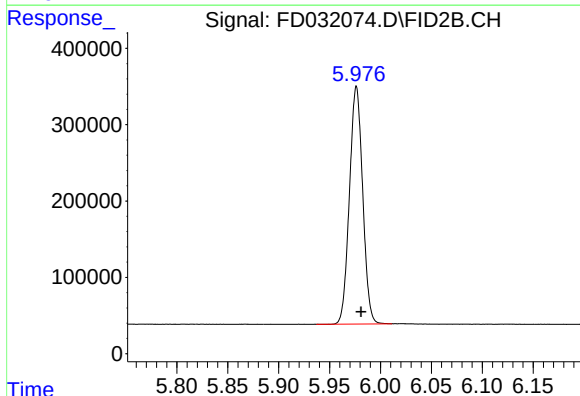
#1 n-Nonane (C9)

R.T.: 3.334 min
Delta R.T.: -0.006 min
Response: 2483359
Conc: 21.13 ug/ml



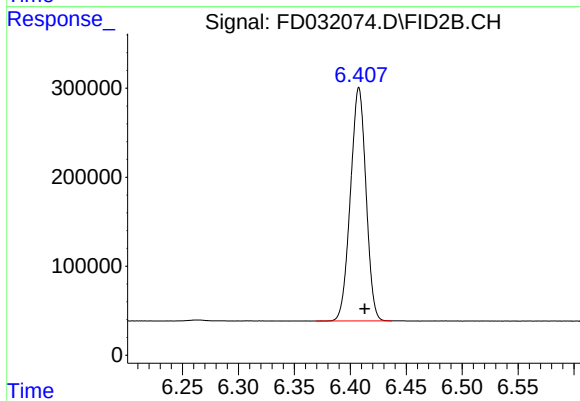
#2 n-Decane (C10)

R.T.: 4.398 min
Delta R.T.: -0.006 min
Response: 2508105
Conc: 21.29 ug/ml



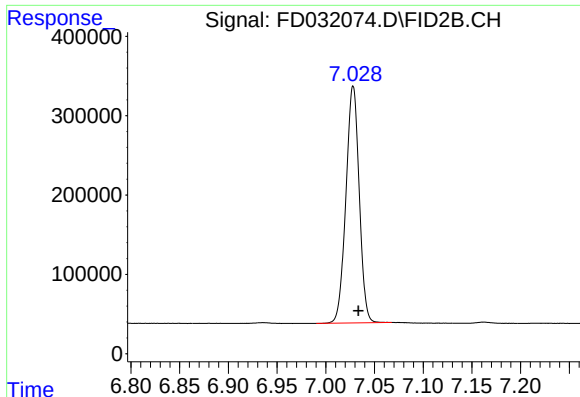
#3 A~Naphthalene (C11.7)

R.T.: 5.976 min
Delta R.T.: -0.005 min
Response: 2812939
Conc: 21.26 ug/ml



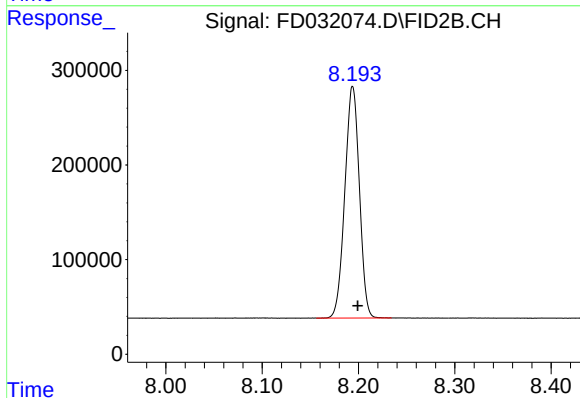
#4 n-Dodecane (C12)

R.T.: 6.408 min
Delta R.T.: -0.005 min
Response: 2544197
Conc: 21.38 ug/ml



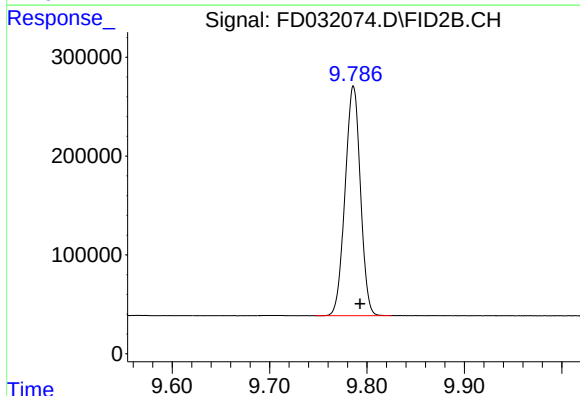
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.028 min
Delta R.T.: -0.005 min
Response: 2832103
Conc: 21.13 ug/ml



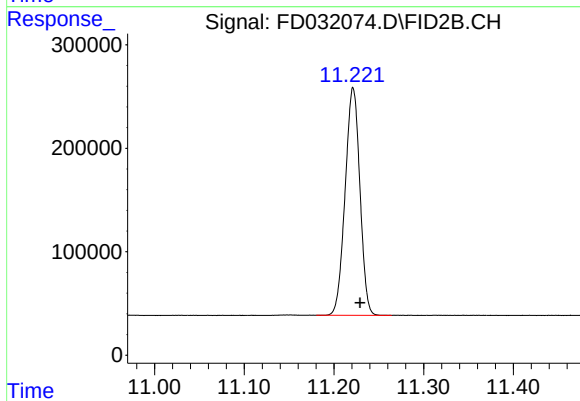
#6 n-Tetradecane (C14)

R.T.: 8.194 min
Delta R.T.: -0.005 min
Response: 2550844
Conc: 21.02 ug/ml



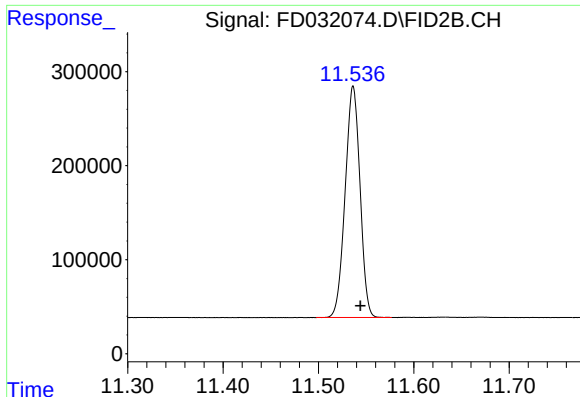
#7 n-Hexadecane (C16)

R.T.: 9.786 min
Delta R.T.: -0.007 min
Response: 2543454
Conc: 20.52 ug/ml



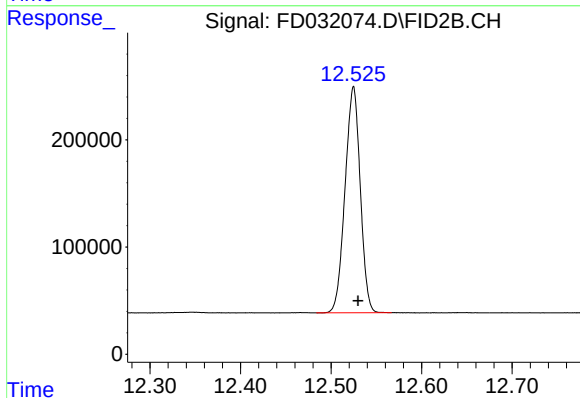
#8 n-Octadecane (C18)

R.T.: 11.221 min
Delta R.T.: -0.008 min
Response: 2514515
Conc: 19.91 ug/ml



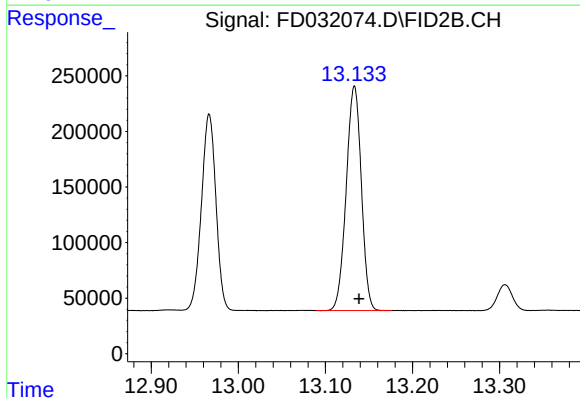
#9 ortho-Terphenyl (SURR)

R.T.: 11.536 min
Delta R.T.: -0.008 min
Response: 2667495
Conc: 19.31 ug/ml



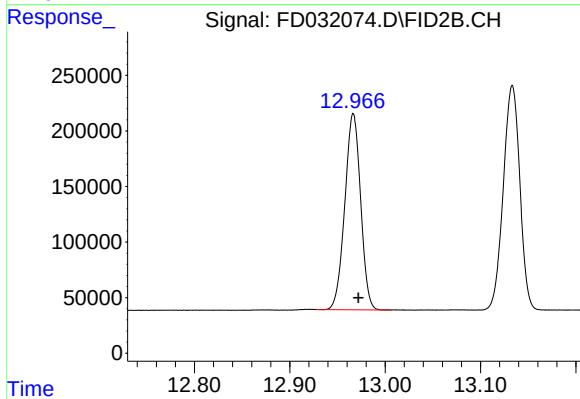
#10 n-Eicosane (C20)

R.T.: 12.525 min
Delta R.T.: -0.005 min
Response: 2464598
Conc: 19.31 ug/ml



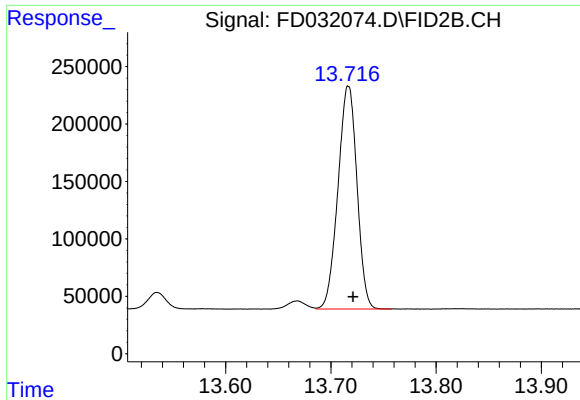
#11 n-Heneicosane (C21)

R.T.: 13.133 min
Delta R.T.: -0.005 min
Response: 2434989
Conc: 18.90 ug/ml



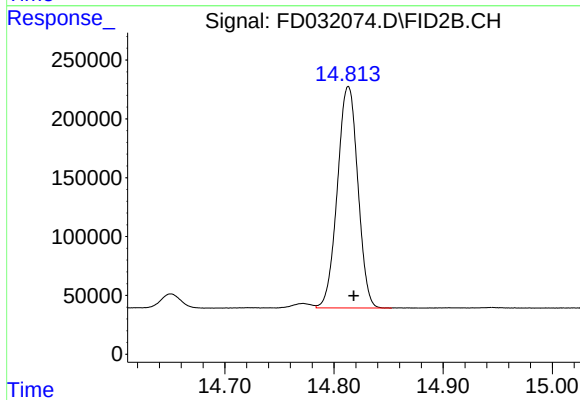
#12 1-chlorooctadecane (SURR)

R.T.: 12.967 min
Delta R.T.: -0.005 min
Response: 2036566
Conc: 18.70 ug/ml



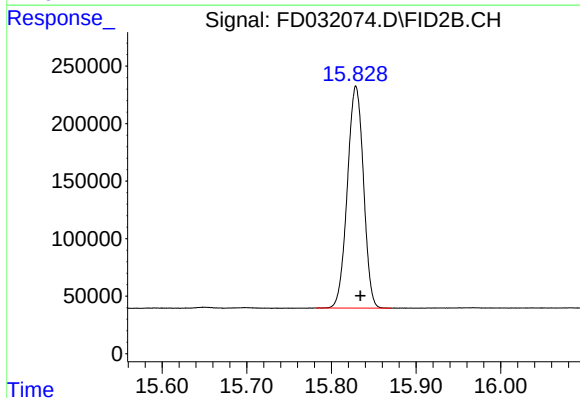
#13 n-Docosane (C22)

R.T.: 13.717 min
Delta R.T.: -0.004 min
Response: 2434057
Conc: 18.92 ug/ml



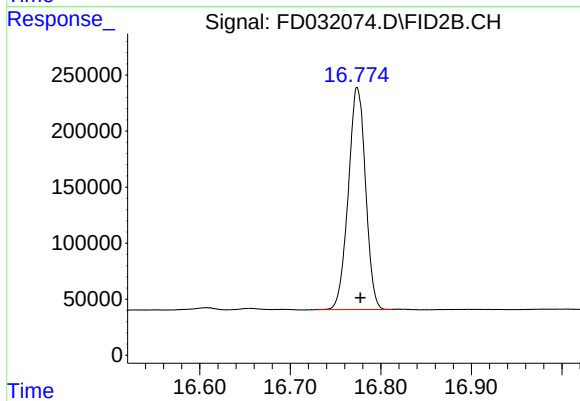
#14 n-Tetracosane (C24)

R.T.: 14.813 min
Delta R.T.: -0.005 min
Response: 2452081
Conc: 18.88 ug/ml



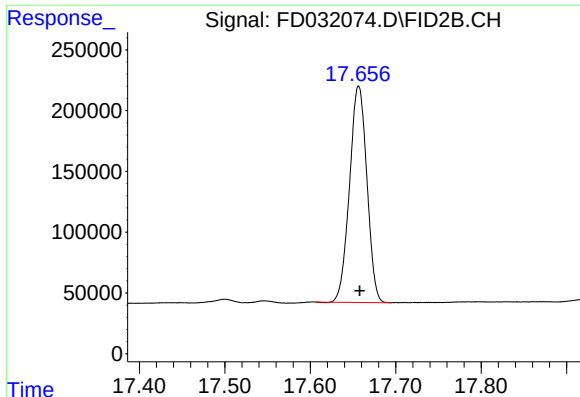
#15 n-Hexacosane (C26)

R.T.: 15.829 min
Delta R.T.: -0.005 min
Response: 2553914
Conc: 19.81 ug/ml



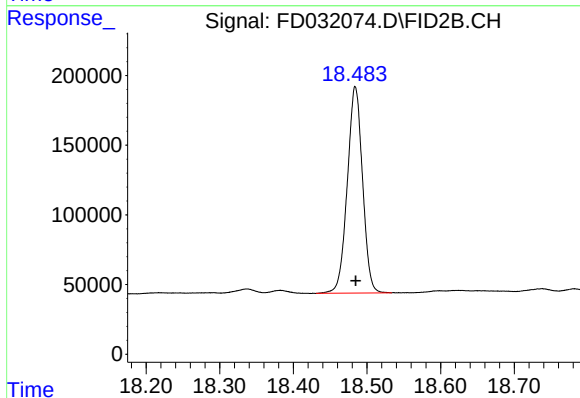
#16 n-Octacosane (C28)

R.T.: 16.774 min
Delta R.T.: -0.004 min
Response: 2625081
Conc: 20.59 ug/ml



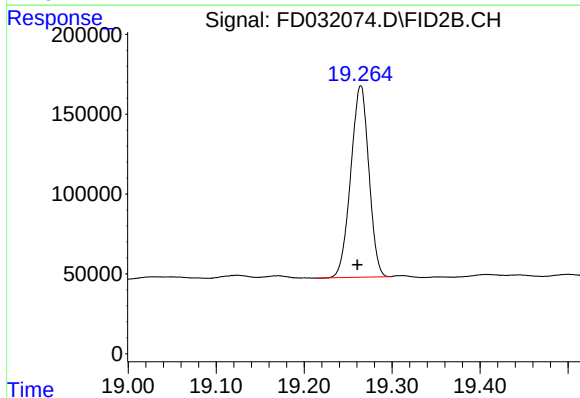
#17 n-Tricontane (C30)

R.T.: 17.657 min
Delta R.T.: -0.001 min
Response: 2515157
Conc: 20.52 ug/ml



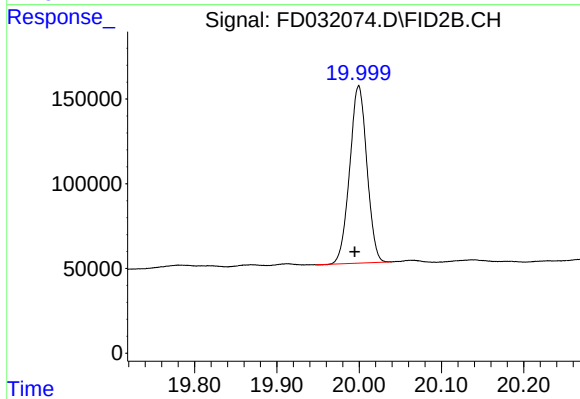
#18 n-Dotriacontane (C32)

R.T.: 18.484 min
Delta R.T.: 0.000 min
Response: 2128263
Conc: 20.33 ug/ml



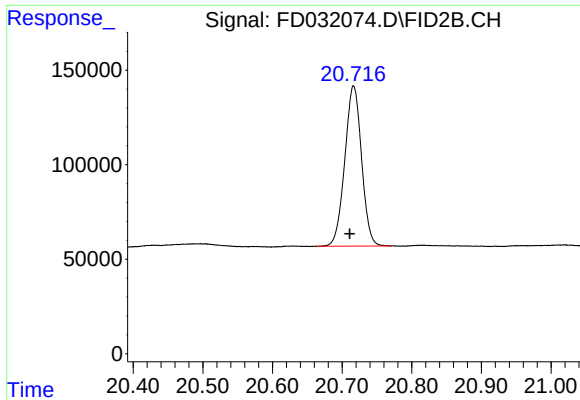
#19 n-Tetratriacontane (C34)

R.T.: 19.264 min
Delta R.T.: 0.004 min
Response: 1715150
Conc: 19.39 ug/ml



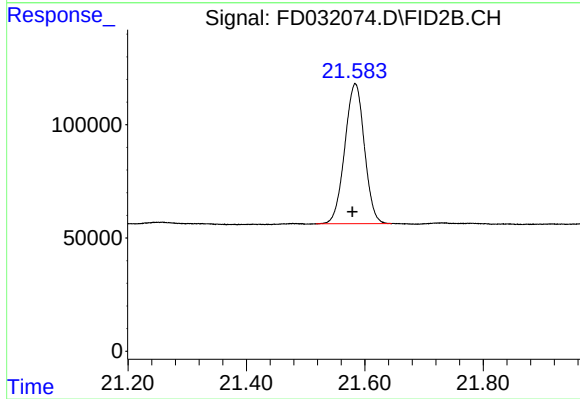
#20 n-Hexatriacontane (C36)

R.T.: 19.999 min
Delta R.T.: 0.005 min
Response: 1520054
Conc: 19.29 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.716 min
Delta R.T.: 0.006 min
Response: 1419328
Conc: 19.25 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.584 min
Delta R.T.: 0.005 min
Response: 1421340
Conc: 18.78 ug/ml