

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD030822AL\
 Data File : FD041433.D
 Signal(s) : FID2B.CH
 Acq On : 08 Mar 2022 14:17
 Operator : UA/NP
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Mar 09 00:34:40 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 022322.M
 Quant Title : GC Extractables
 QLast Update : Thu Feb 24 01:21:33 2022
 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)	11.239	3182513	18.347 ug/ml
Spiked Amount 50.000		Recovery =	36.69%
12) S 1-chlorooctadecane (S...	12.679	2468336	18.232 ug/ml
Spiked Amount 50.000		Recovery =	36.46%
Target Compounds			
1) T n-Nonane (C9)	3.102	2803370	19.251 ug/ml
2) T n-Decane (C10)	4.148	2790883	19.328 ug/ml
3) T A~Naphthalene (C11.7)	5.697	3096191	19.382 ug/ml
4) T n-Dodecane (C12)	6.144	2885621	19.484 ug/ml
5) T A~2-methylnaphthalene...	6.743	3128978	19.552 ug/ml
6) T n-Tetradecane (C14)	7.921	2905025	19.405 ug/ml
7) T n-Hexadecane (C16)	9.509	2929978	19.247 ug/ml
8) T n-Octadecane (C18)	10.941	2938675	18.907 ug/ml
10) T n-Eicosane (C20)	12.242	2877534	18.536 ug/ml
11) T n-Heneicosane (C21)	12.849	2861983	18.278 ug/ml
13) T n-Docosane (C22)	13.432	2828399	18.060 ug/ml
14) T n-Tetracosane (C24)	14.529	2749338	17.528 ug/ml
15) T n-Hexacosane (C26)	15.544	2627729	17.103 ug/ml
16) T n-Octacosane (C28)	16.488	2521373	16.942 ug/ml
17) T n-Tricontane (C30)	17.371	2413630	17.154 ug/ml
18) T n-Dotriacontane (C32)	18.199	2259358	17.759 ug/ml
19) T n-Tetratriacontane (C34)	18.978	2117709	18.593 ug/ml
20) T n-Hexatriacontane (C36)	19.713	1989145	19.408 ug/ml
21) T n-Octatriacontane (C38)	20.411	1921387	20.237 ug/ml
22) T n-Tetracontane (C40)	21.195	1932350	20.389 ug/ml

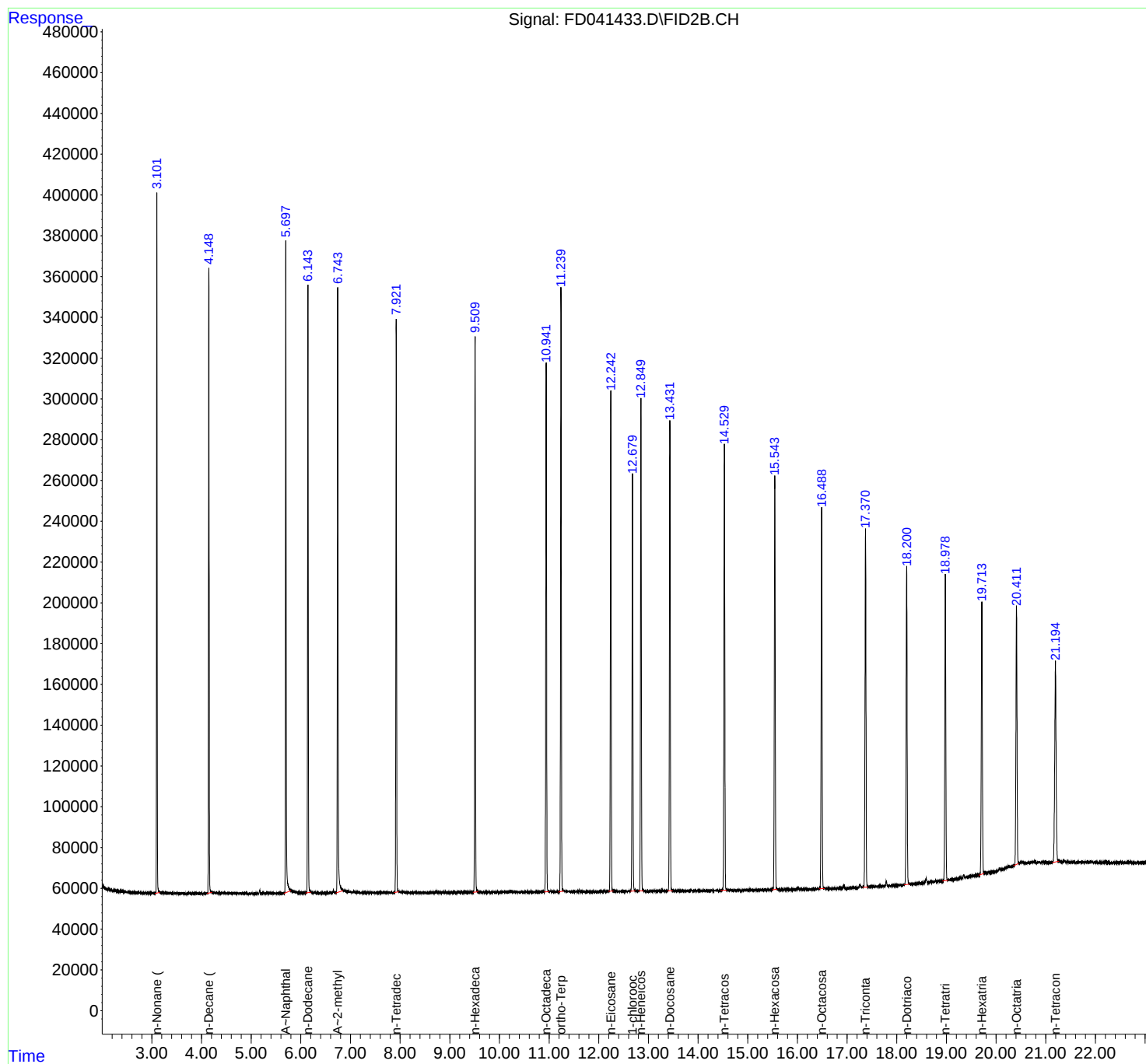
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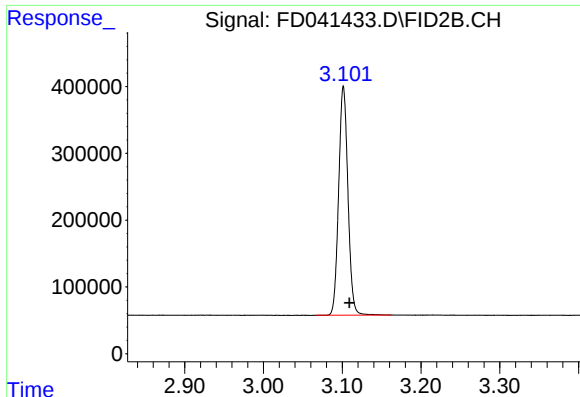
(m)=manual int.

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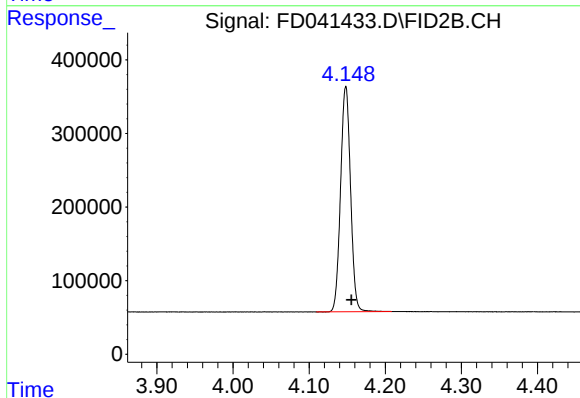
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Signal Info : 20M x 0.18mm x 0.18um





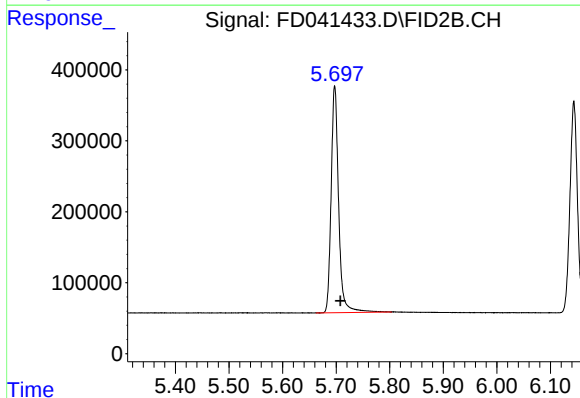
#1 n-Nonane (C9)

R.T.: 3.102 min
Delta R.T.: -0.007 min
Response: 2803370
Conc: 19.25 ug/ml



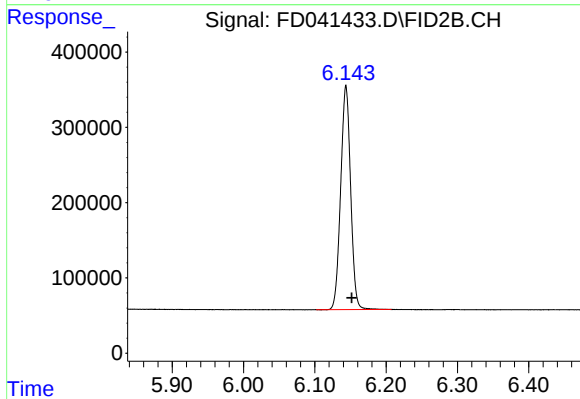
#2 n-Decane (C10)

R.T.: 4.148 min
Delta R.T.: -0.007 min
Response: 2790883
Conc: 19.33 ug/ml



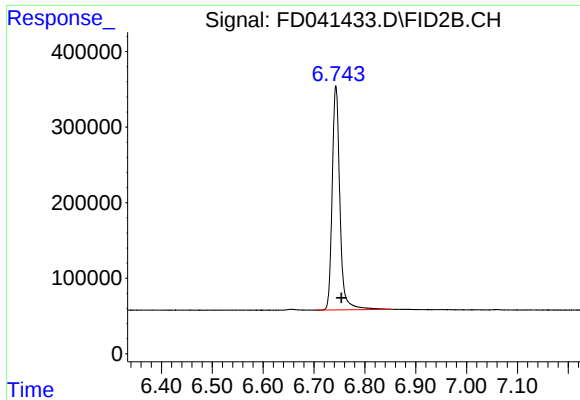
#3 A~Naphthalene (C11.7)

R.T.: 5.697 min
Delta R.T.: -0.010 min
Response: 3096191
Conc: 19.38 ug/ml



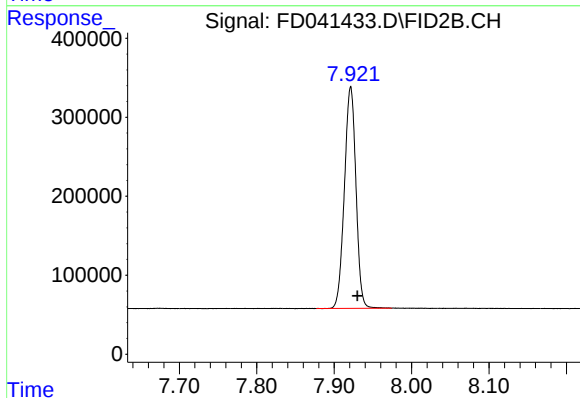
#4 n-Dodecane (C12)

R.T.: 6.144 min
Delta R.T.: -0.008 min
Response: 2885621
Conc: 19.48 ug/ml



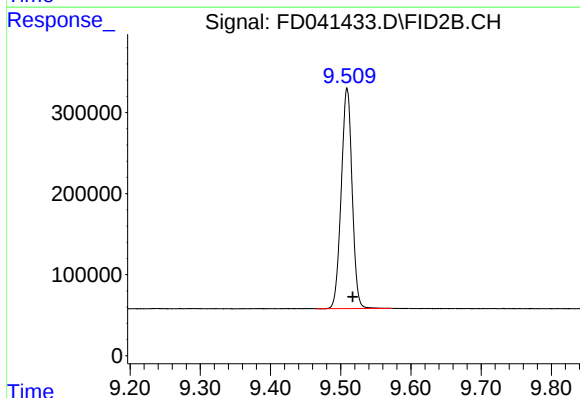
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.743 min
Delta R.T.: -0.011 min
Response: 3128978
Conc: 19.55 ug/ml



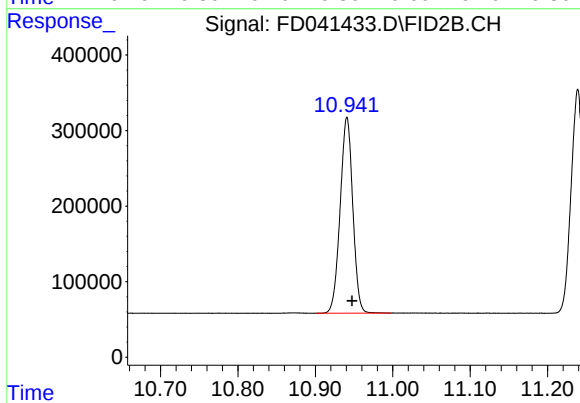
#6 n-Tetradecane (C14)

R.T.: 7.921 min
Delta R.T.: -0.009 min
Response: 2905025
Conc: 19.40 ug/ml



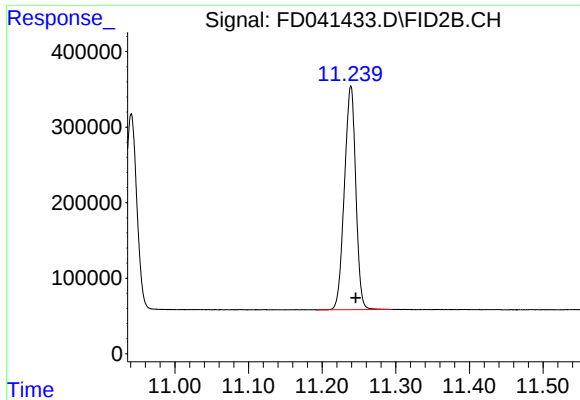
#7 n-Hexadecane (C16)

R.T.: 9.509 min
Delta R.T.: -0.008 min
Response: 2929978
Conc: 19.25 ug/ml



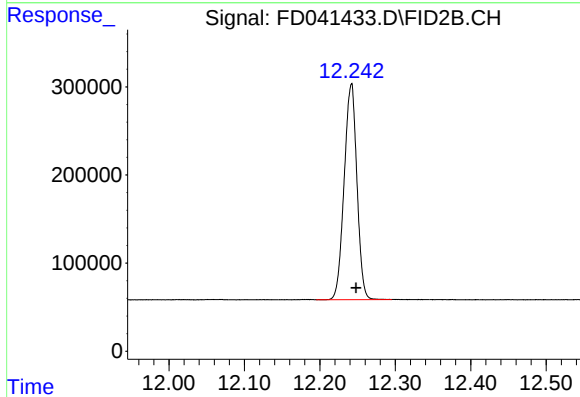
#8 n-Octadecane (C18)

R.T.: 10.941 min
Delta R.T.: -0.006 min
Response: 2938675
Conc: 18.91 ug/ml



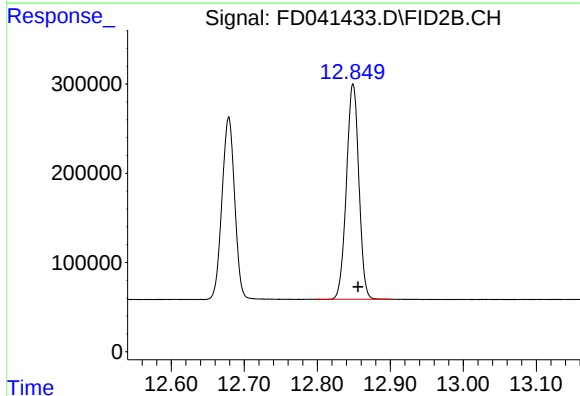
#9 ortho-Terphenyl (SURR)

R.T.: 11.239 min
Delta R.T.: -0.007 min
Response: 3182513
Conc: 18.35 ug/ml



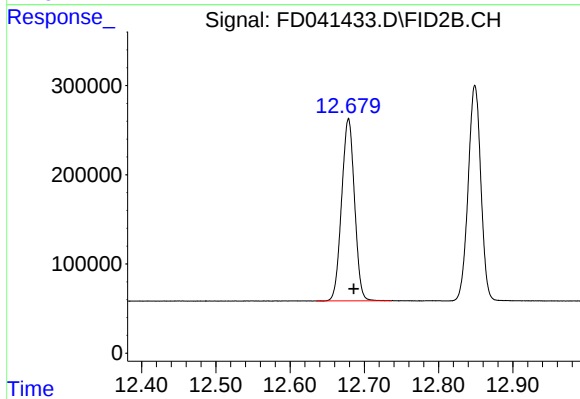
#10 n-Eicosane (C20)

R.T.: 12.242 min
Delta R.T.: -0.006 min
Response: 2877534
Conc: 18.54 ug/ml



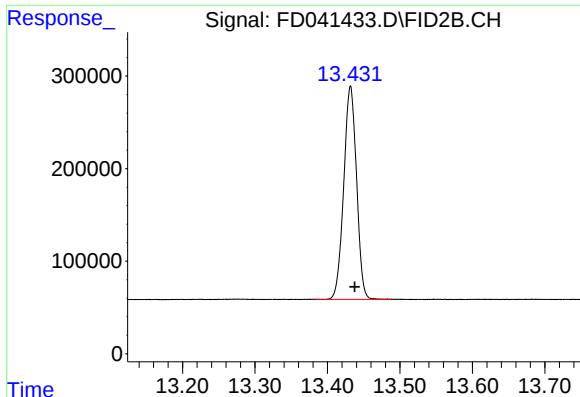
#11 n-Heneicosane (C21)

R.T.: 12.849 min
Delta R.T.: -0.007 min
Response: 2861983
Conc: 18.28 ug/ml



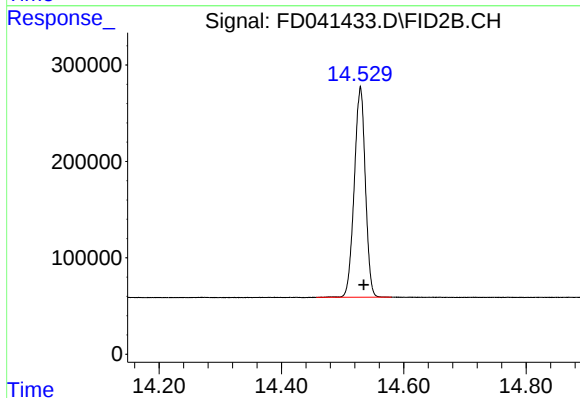
#12 1-chlorooctadecane (SURR)

R.T.: 12.679 min
Delta R.T.: -0.007 min
Response: 2468336
Conc: 18.23 ug/ml



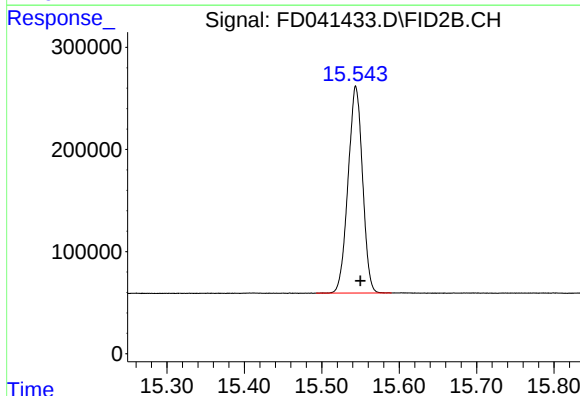
#13 n-Docosane (C22)

R.T.: 13.432 min
Delta R.T.: -0.006 min
Response: 2828399
Conc: 18.06 ug/ml



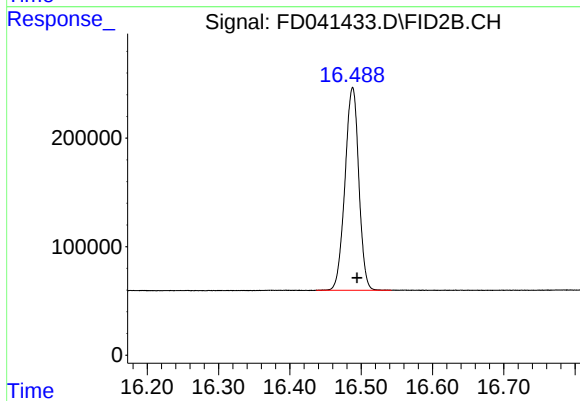
#14 n-Tetracosane (C24)

R.T.: 14.529 min
Delta R.T.: -0.005 min
Response: 2749338
Conc: 17.53 ug/ml



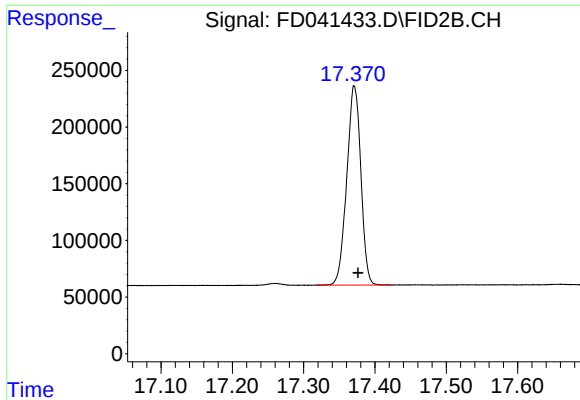
#15 n-Hexacosane (C26)

R.T.: 15.544 min
Delta R.T.: -0.006 min
Response: 2627729
Conc: 17.10 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.488 min
Delta R.T.: -0.006 min
Response: 2521373
Conc: 16.94 ug/ml



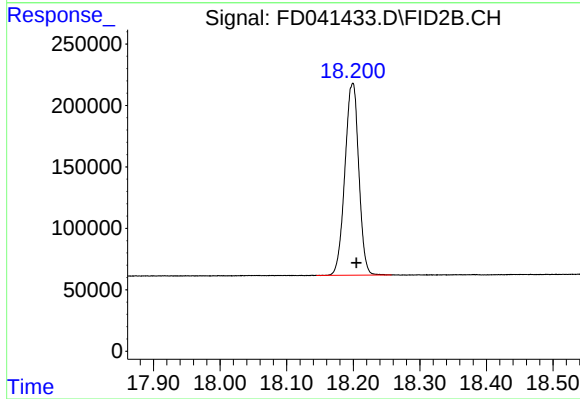
#17 n-Tricontane (C30)

R.T.: 17.371 min

Delta R.T.: -0.005 min

Response: 2413630

Conc: 17.15 ug/ml



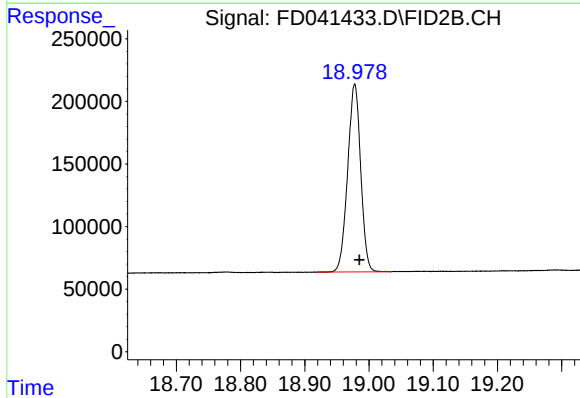
#18 n-Dotriacontane (C32)

R.T.: 18.199 min

Delta R.T.: -0.006 min

Response: 2259358

Conc: 17.76 ug/ml



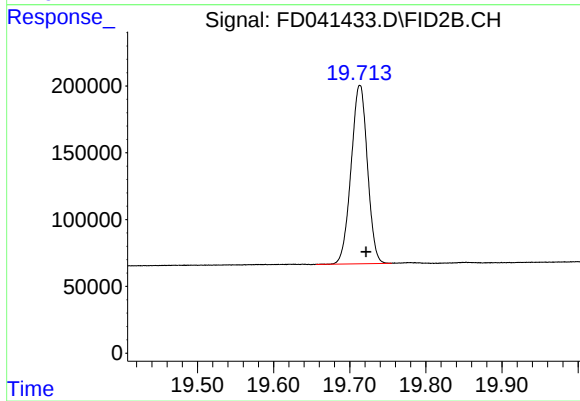
#19 n-Tetratriacontane (C34)

R.T.: 18.978 min

Delta R.T.: -0.007 min

Response: 2117709

Conc: 18.59 ug/ml



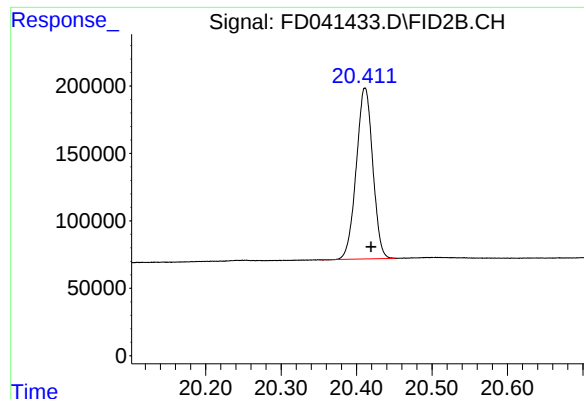
#20 n-Hexatriacontane (C36)

R.T.: 19.713 min

Delta R.T.: -0.008 min

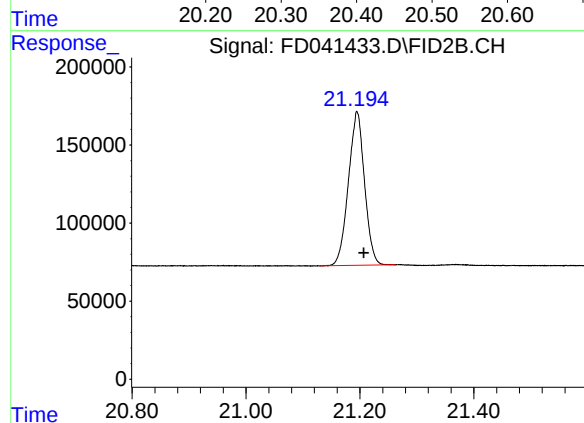
Response: 1989145

Conc: 19.41 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.411 min
Delta R.T.: -0.008 min
Response: 1921387
Conc: 20.24 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.195 min
Delta R.T.: -0.011 min
Response: 1932350
Conc: 20.39 ug/ml