

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD022522AL\
 Data File : FD041304.D
 Signal(s) : FID2B.CH
 Acq On : 26 Feb 2022 13:14
 Operator : UA/NP
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Feb 28 00:11:30 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)	11.244	3552778	20.482 ug/ml
Spiked Amount 50.000		Recovery =	40.96%
12) S 1-chlorooctadecane (S...	12.684	2829269	20.898 ug/ml
Spiked Amount 50.000		Recovery =	41.80%
Target Compounds			
1) T n-Nonane (C9)	3.108	3068288	21.071 ug/ml
2) T n-Decane (C10)	4.154	3073853	21.288 ug/ml
3) T A~Naphthalene (C11.7)	5.703	3329057	20.840 ug/ml
4) T n-Dodecane (C12)	6.150	3098467	20.921 ug/ml
5) T A~2-methylnaphthalene...	6.749	3349781	20.932 ug/ml
6) T n-Tetradecane (C14)	7.928	3109117	20.768 ug/ml
7) T n-Hexadecane (C16)	9.515	3121230	20.503 ug/ml
8) T n-Octadecane (C18)	10.947	3138051	20.190 ug/ml
10) T n-Eicosane (C20)	12.246	3160692	20.360 ug/ml
11) T n-Heneicosane (C21)	12.853	3148987	20.110 ug/ml
13) T n-Docosane (C22)	13.436	3145054	20.082 ug/ml
14) T n-Tetracosane (C24)	14.532	3119732	19.890 ug/ml
15) T n-Hexacosane (C26)	15.547	3022278	19.671 ug/ml
16) T n-Octacosane (C28)	16.491	2960751	19.894 ug/ml
17) T n-Tricontane (C30)	17.374	2909680	20.679 ug/ml
18) T n-Dotriacontane (C32)	18.201	2771243	21.782 ug/ml
19) T n-Tetratriacontane (C34)	18.980	2486157	21.828 ug/ml
20) T n-Hexatriacontane (C36)	19.716	2314167	22.579 ug/ml
21) T n-Octatriacontane (C38)	20.414	2126804	22.401 ug/ml
22) T n-Tetracontane (C40)	21.197	2075641	21.901 ug/ml

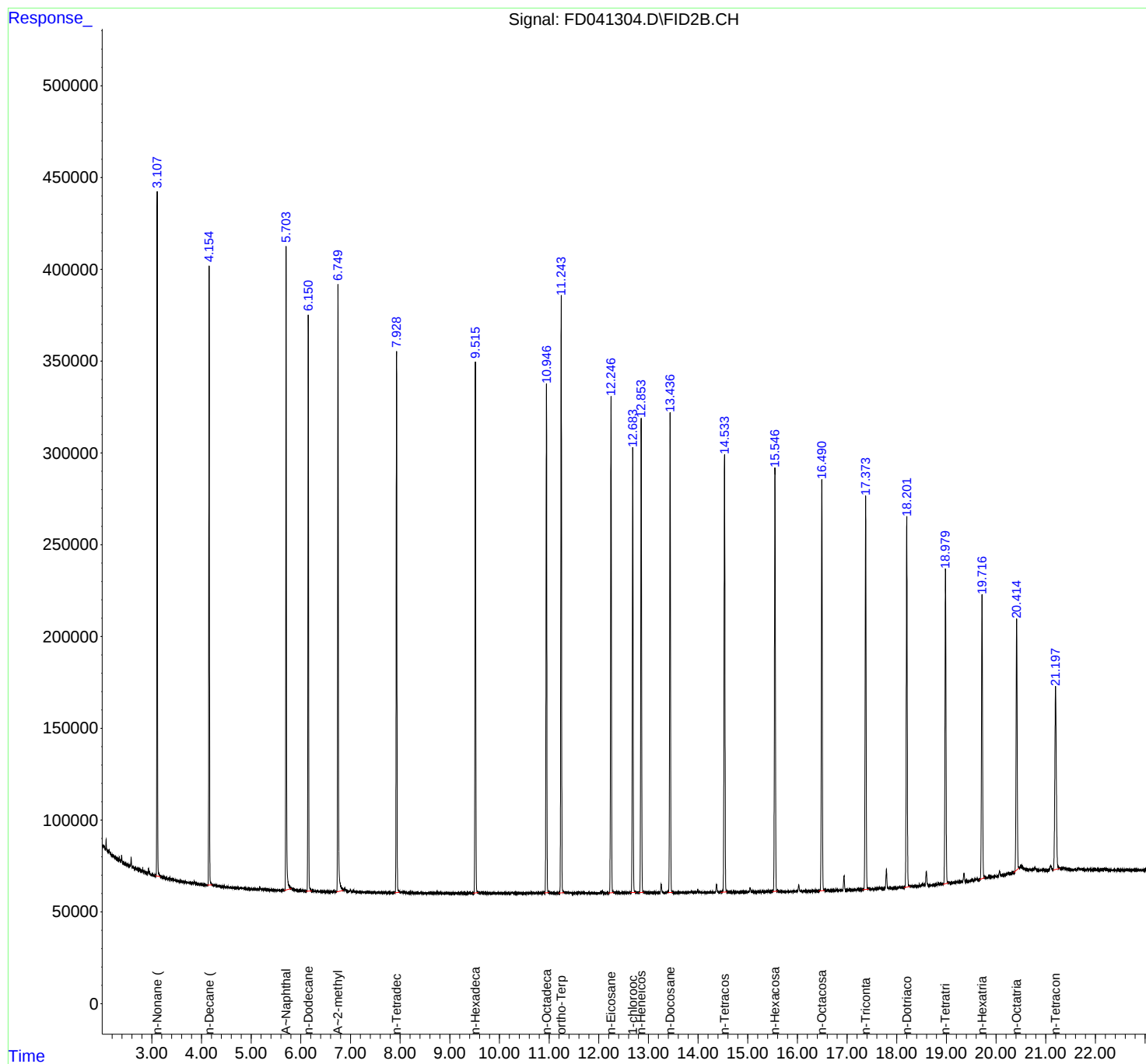
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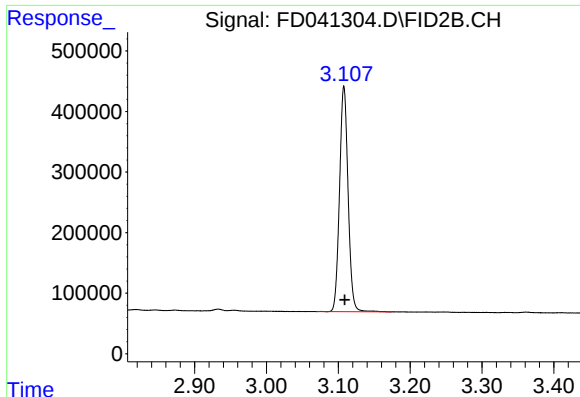
(m)=manual int.

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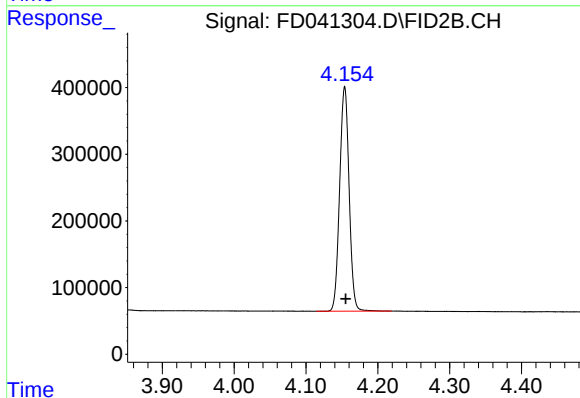
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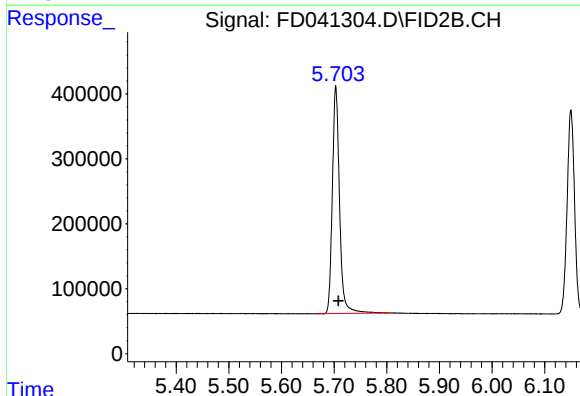
#1 n-Nonane (C9)

R.T.: 3.108 min
Delta R.T.: -0.001 min
Response: 3068288
Conc: 21.07 ug/ml



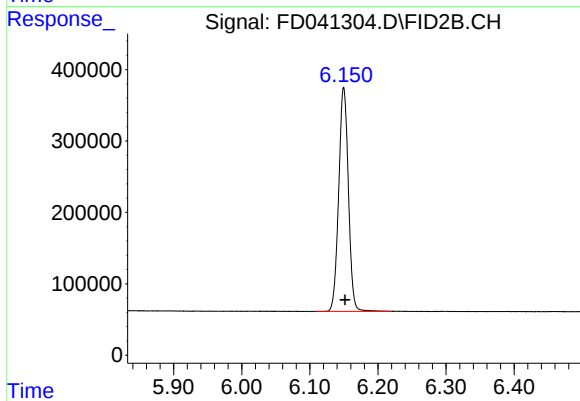
#2 n-Decane (C10)

R.T.: 4.154 min
Delta R.T.: -0.002 min
Response: 3073853
Conc: 21.29 ug/ml



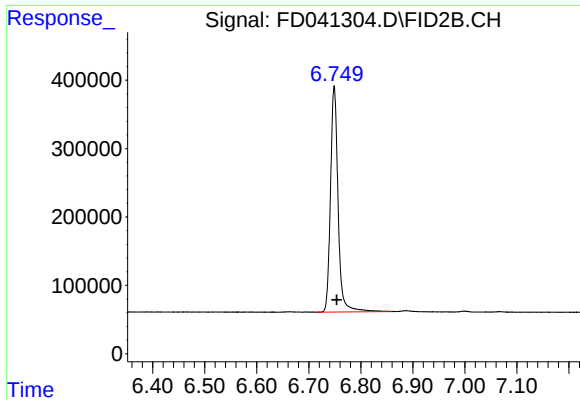
#3 A~Naphthalene (C11.7)

R.T.: 5.703 min
Delta R.T.: -0.005 min
Response: 3329057
Conc: 20.84 ug/ml



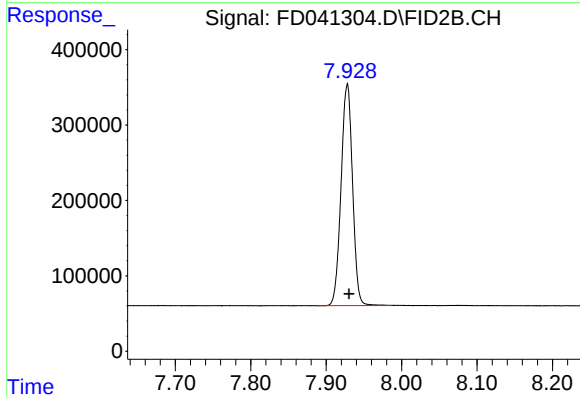
#4 n-Dodecane (C12)

R.T.: 6.150 min
Delta R.T.: -0.002 min
Response: 3098467
Conc: 20.92 ug/ml



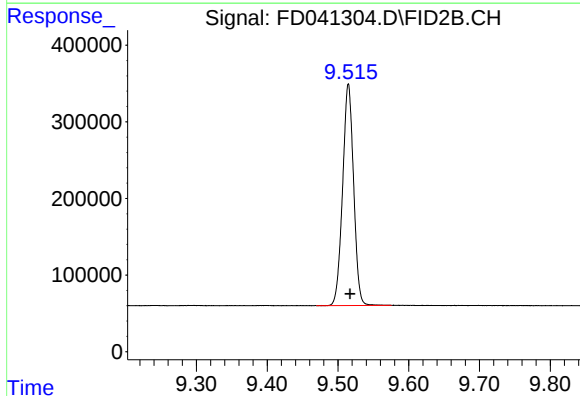
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.749 min
Delta R.T.: -0.005 min
Response: 3349781
Conc: 20.93 ug/ml



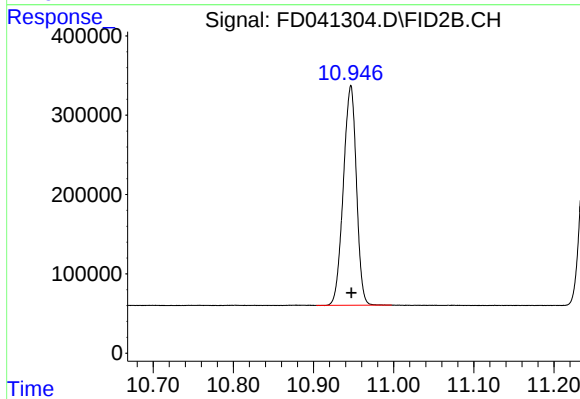
#6 n-Tetradecane (C14)

R.T.: 7.928 min
Delta R.T.: -0.002 min
Response: 3109117
Conc: 20.77 ug/ml



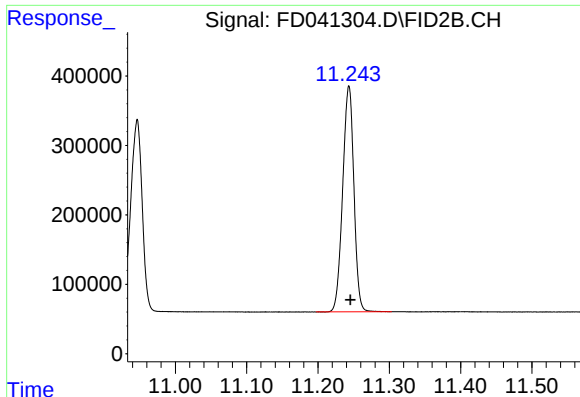
#7 n-Hexadecane (C16)

R.T.: 9.515 min
Delta R.T.: -0.002 min
Response: 3121230
Conc: 20.50 ug/ml



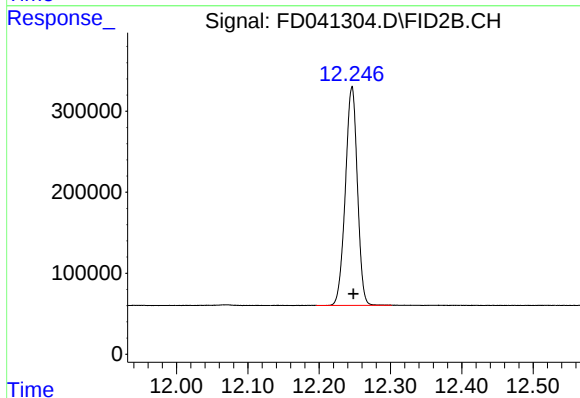
#8 n-Octadecane (C18)

R.T.: 10.947 min
Delta R.T.: 0.000 min
Response: 3138051
Conc: 20.19 ug/ml



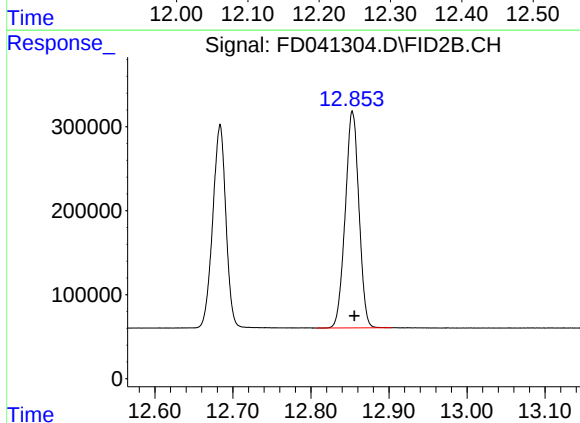
#9 ortho-Terphenyl (SURR)

R.T.: 11.244 min
Delta R.T.: -0.002 min
Response: 3552778
Conc: 20.48 ug/ml



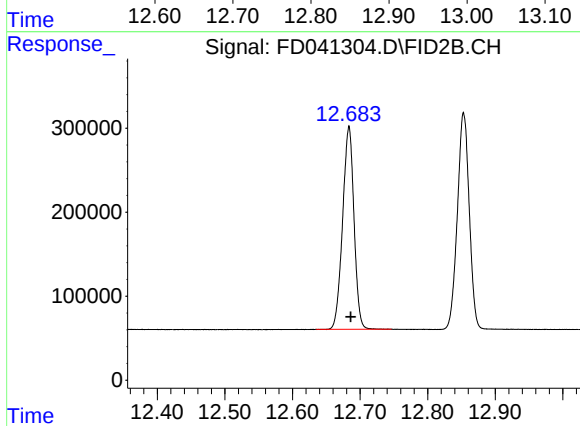
#10 n-Eicosane (C20)

R.T.: 12.246 min
Delta R.T.: -0.002 min
Response: 3160692
Conc: 20.36 ug/ml



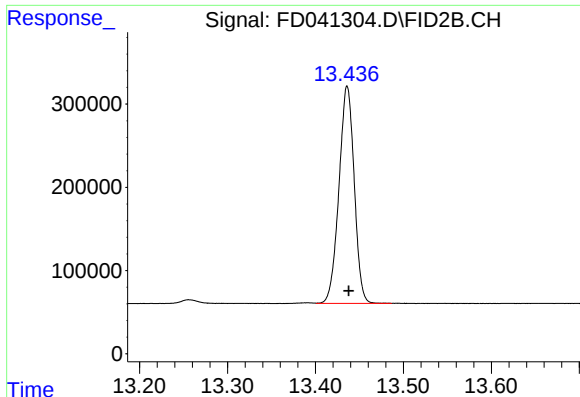
#11 n-Heneicosane (C21)

R.T.: 12.853 min
Delta R.T.: -0.003 min
Response: 3148987
Conc: 20.11 ug/ml



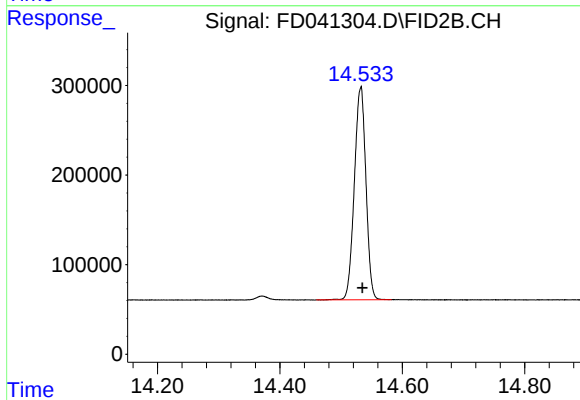
#12 1-chlorooctadecane (SURR)

R.T.: 12.684 min
Delta R.T.: -0.002 min
Response: 2829269
Conc: 20.90 ug/ml



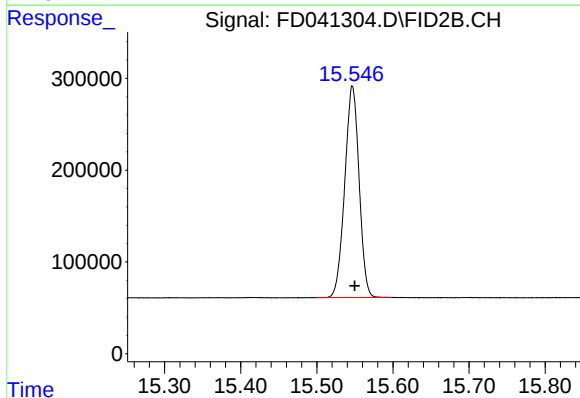
#13 n-Docosane (C22)

R.T.: 13.436 min
Delta R.T.: -0.002 min
Response: 3145054
Conc: 20.08 ug/ml



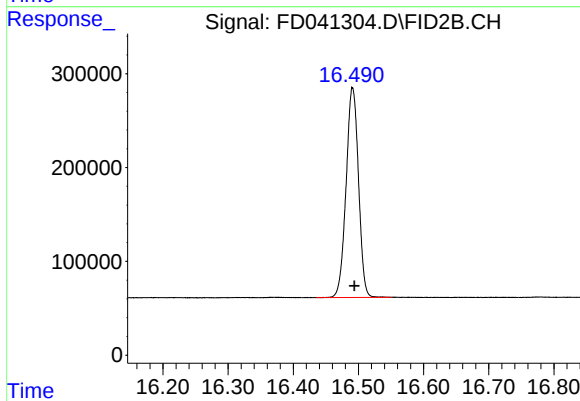
#14 n-Tetracosane (C24)

R.T.: 14.532 min
Delta R.T.: -0.003 min
Response: 3119732
Conc: 19.89 ug/ml



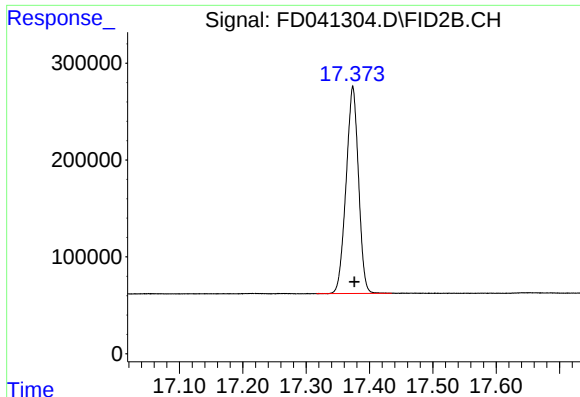
#15 n-Hexacosane (C26)

R.T.: 15.547 min
Delta R.T.: -0.003 min
Response: 3022278
Conc: 19.67 ug/ml



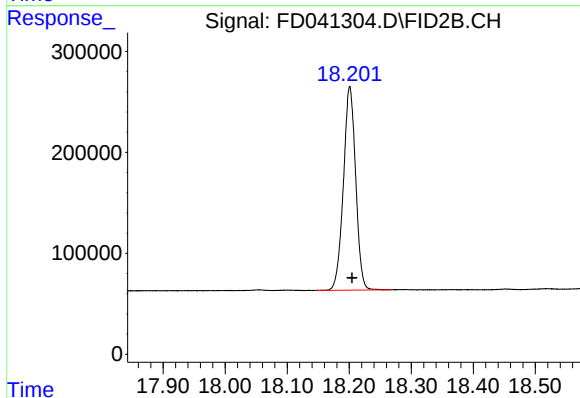
#16 n-Octacosane (C28)

R.T.: 16.491 min
Delta R.T.: -0.003 min
Response: 2960751
Conc: 19.89 ug/ml



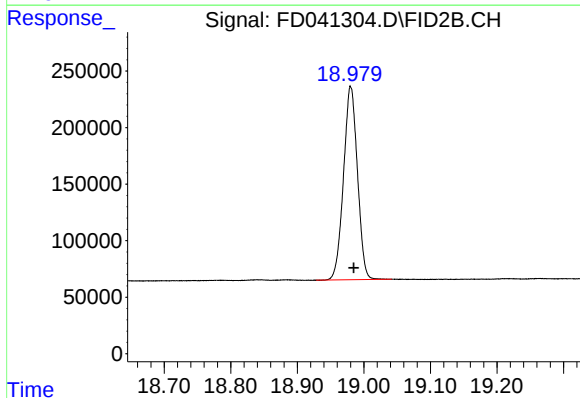
#17 n-Tricontane (C30)

R.T.: 17.374 min
Delta R.T.: -0.003 min
Response: 2909680
Conc: 20.68 ug/ml



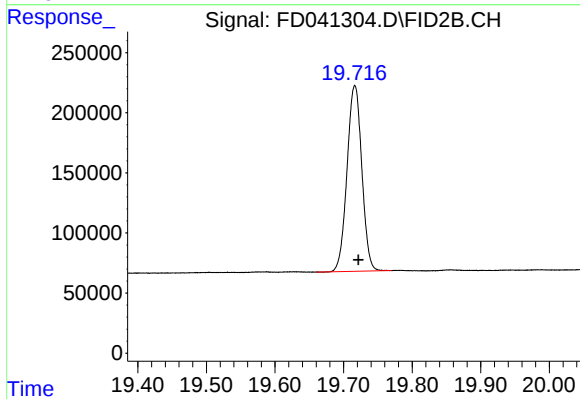
#18 n-Dotriacontane (C32)

R.T.: 18.201 min
Delta R.T.: -0.004 min
Response: 2771243
Conc: 21.78 ug/ml



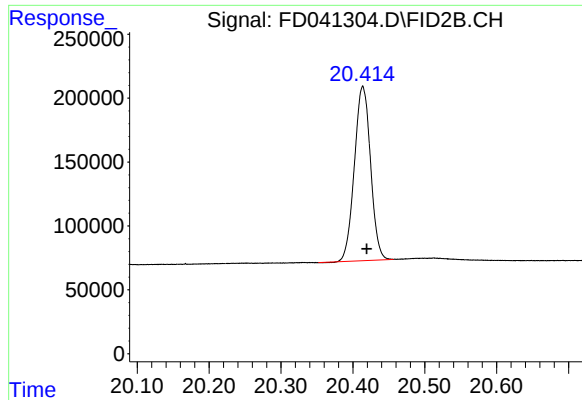
#19 n-Tetratriacontane (C34)

R.T.: 18.980 min
Delta R.T.: -0.005 min
Response: 2486157
Conc: 21.83 ug/ml



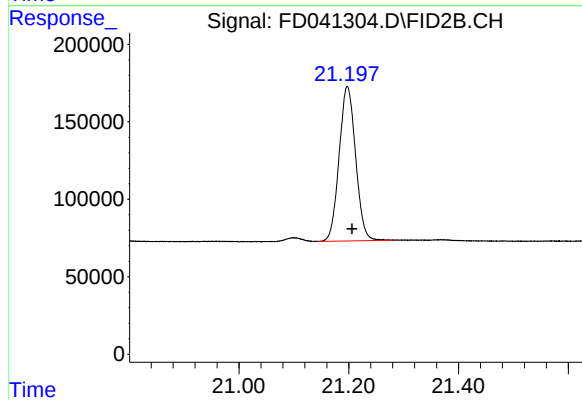
#20 n-Hexatriacontane (C36)

R.T.: 19.716 min
Delta R.T.: -0.005 min
Response: 2314167
Conc: 22.58 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.414 min
Delta R.T.: -0.005 min
Response: 2126804
Conc: 22.40 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.197 min
Delta R.T.: -0.009 min
Response: 2075641
Conc: 21.90 ug/ml