

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE061722AL\
 Data File : FE036114.D
 Signal(s) : FID1B.CH
 Acq On : 17 Jun 2022 9:20
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Jun 17 14:03:47 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 060922.M
 Quant Title : GC Extractables
 QLast Update : Thu Jun 09 16:49:15 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)	10.874	2640415	19.331 ug/ml
Spiked Amount 50.000		Recovery =	38.66%
12) S 1-chlorooctadecane (S...	12.314	2057737	19.690 ug/ml
Spiked Amount 50.000		Recovery =	39.38%
Target Compounds			
1) T n-Nonane (C9)	2.727	2690376	21.309 ug/ml
2) T n-Decane (C10)	3.738	2611694	20.970 ug/ml
3) T A~Naphthalene (C11.7)	5.299	2794653	20.077 ug/ml
4) T n-Dodecane (C12)	5.728	2549820	20.273 ug/ml
5) T A~2-methylnaphthalene...	6.348	2771083	19.829 ug/ml
6) T n-Tetradecane (C14)	7.520	2479077	19.835 ug/ml
7) T n-Hexadecane (C16)	9.120	2437075	19.912 ug/ml
8) T n-Octadecane (C18)	10.561	2423846	19.913 ug/ml
10) T n-Eicosane (C20)	11.870	2378038	19.690 ug/ml
11) T n-Heneicosane (C21)	12.482	2373496	19.600 ug/ml
13) T n-Docosane (C22)	13.069	2359224	19.531 ug/ml
14) T n-Tetracosane (C24)	14.172	2338503	19.264 ug/ml
15) T n-Hexacosane (C26)	15.192	2316123	19.069 ug/ml
16) T n-Octacosane (C28)	16.142	2325172	19.110 ug/ml
17) T n-Tricontane (C30)	17.031	2358470	19.477 ug/ml
18) T n-Dotriacontane (C32)	17.863	2298724	19.676 ug/ml
19) T n-Tetratriacontane (C34)	18.648	2179101	19.915 ug/ml
20) T n-Hexatriacontane (C36)	19.388	2212862	21.689 ug/ml
21) T n-Octatriacontane (C38)	20.118	2095636	21.305 ug/ml
22) T n-Tetracontane (C40)	21.012	2016036	20.703 ug/ml

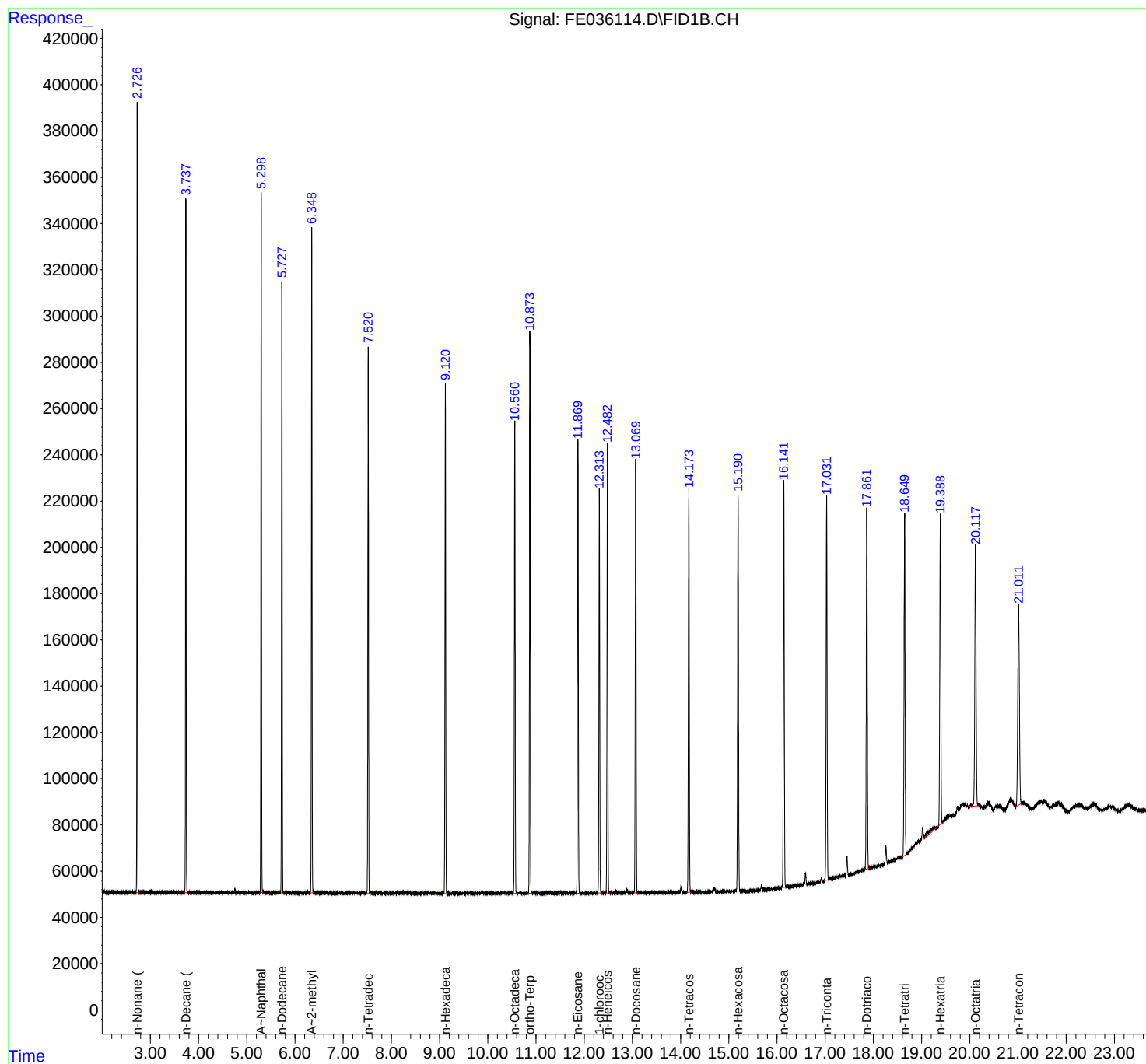
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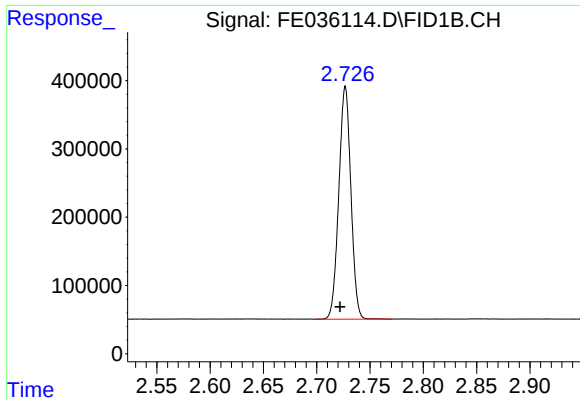
(m)=manual int.

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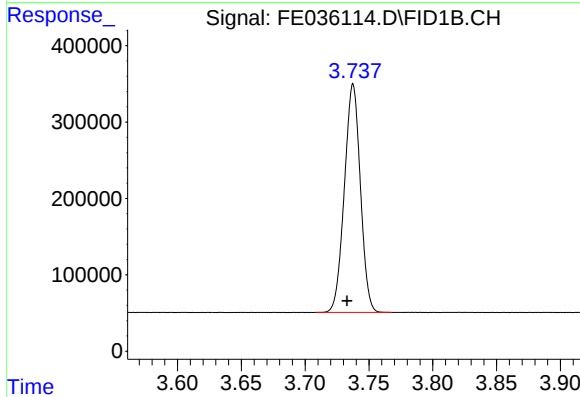
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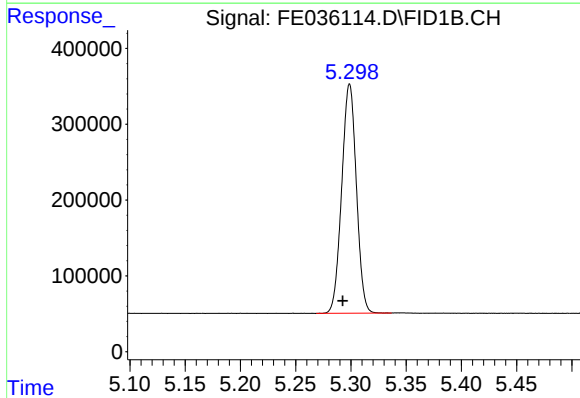
#1 n-Nonane (C9)

R.T.: 2.727 min
Delta R.T.: 0.005 min
Response: 2690376
Conc: 21.31 ug/ml



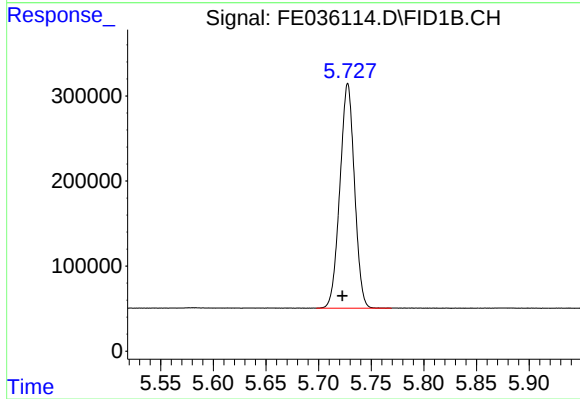
#2 n-Decane (C10)

R.T.: 3.738 min
Delta R.T.: 0.005 min
Response: 2611694
Conc: 20.97 ug/ml



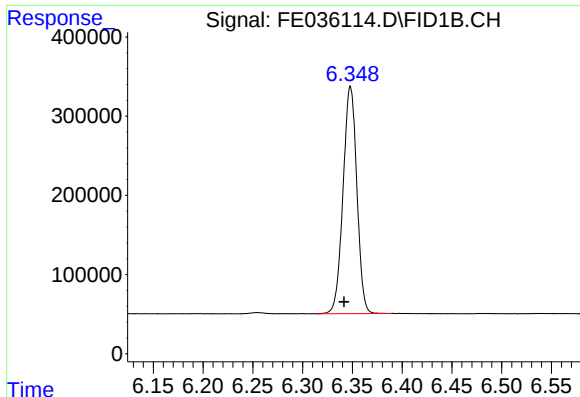
#3 A~Naphthalene (C11.7)

R.T.: 5.299 min
Delta R.T.: 0.006 min
Response: 2794653
Conc: 20.08 ug/ml



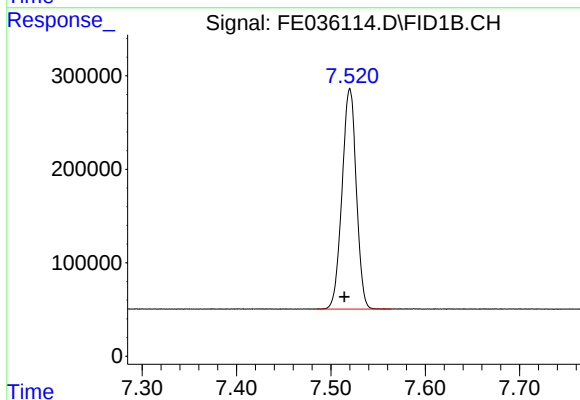
#4 n-Dodecane (C12)

R.T.: 5.728 min
Delta R.T.: 0.005 min
Response: 2549820
Conc: 20.27 ug/ml



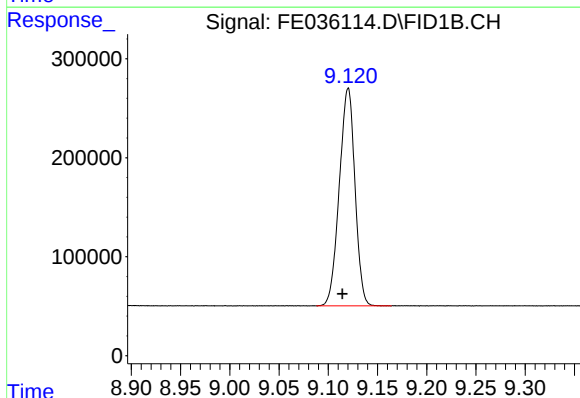
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.348 min
Delta R.T.: 0.006 min
Response: 2771083
Conc: 19.83 ug/ml



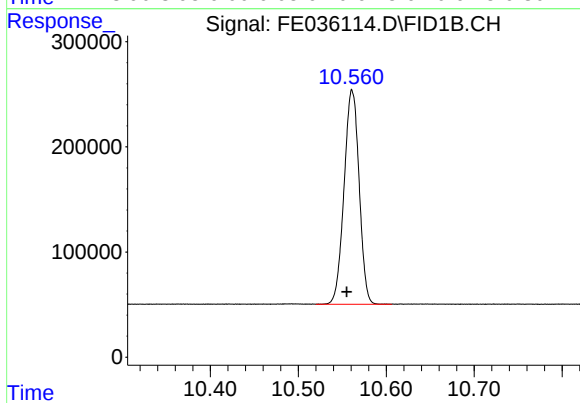
#6 n-Tetradecane (C14)

R.T.: 7.520 min
Delta R.T.: 0.006 min
Response: 2479077
Conc: 19.84 ug/ml



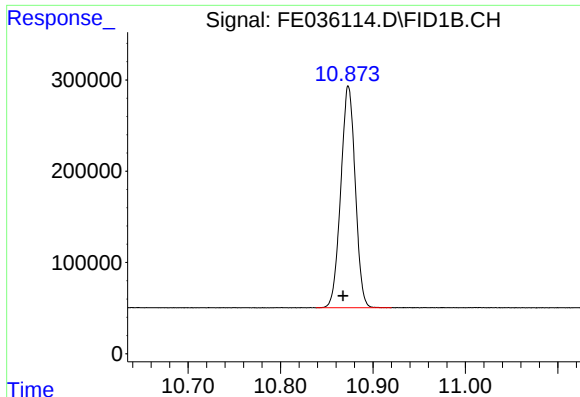
#7 n-Hexadecane (C16)

R.T.: 9.120 min
Delta R.T.: 0.006 min
Response: 2437075
Conc: 19.91 ug/ml



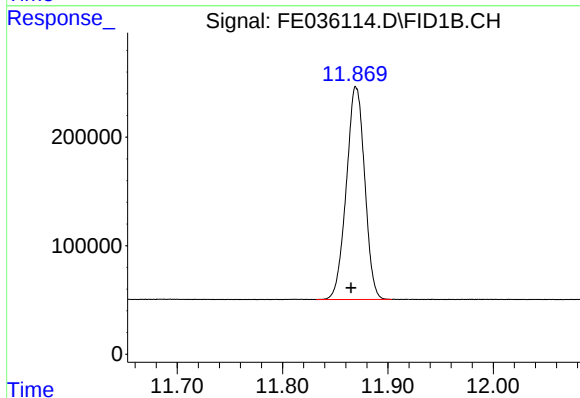
#8 n-Octadecane (C18)

R.T.: 10.561 min
Delta R.T.: 0.006 min
Response: 2423846
Conc: 19.91 ug/ml



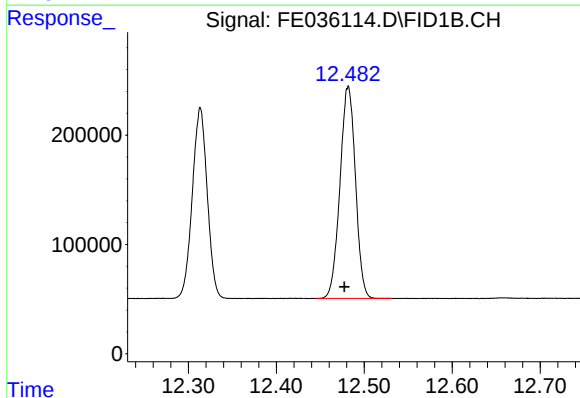
#9 ortho-Terphenyl (SURR)

R.T.: 10.874 min
Delta R.T.: 0.006 min
Response: 2640415
Conc: 19.33 ug/ml



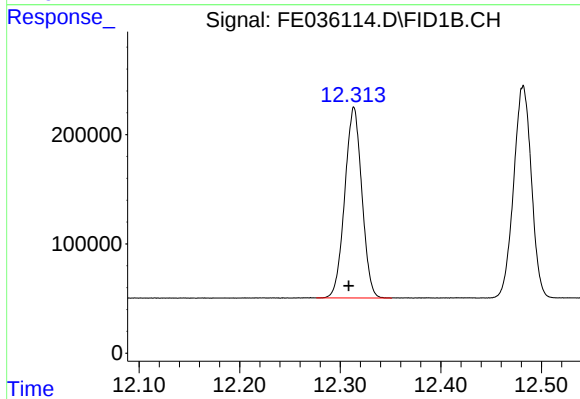
#10 n-Eicosane (C20)

R.T.: 11.870 min
Delta R.T.: 0.005 min
Response: 2378038
Conc: 19.69 ug/ml



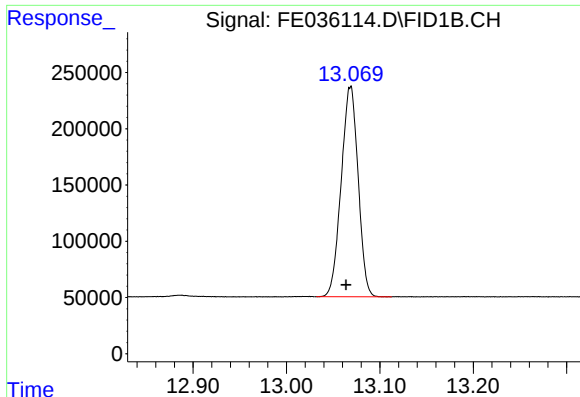
#11 n-Heneicosane (C21)

R.T.: 12.482 min
Delta R.T.: 0.004 min
Response: 2373496
Conc: 19.60 ug/ml



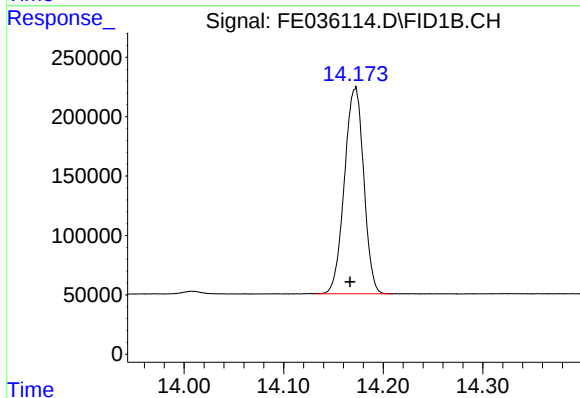
#12 1-chlorooctadecane (SURR)

R.T.: 12.314 min
Delta R.T.: 0.005 min
Response: 2057737
Conc: 19.69 ug/ml



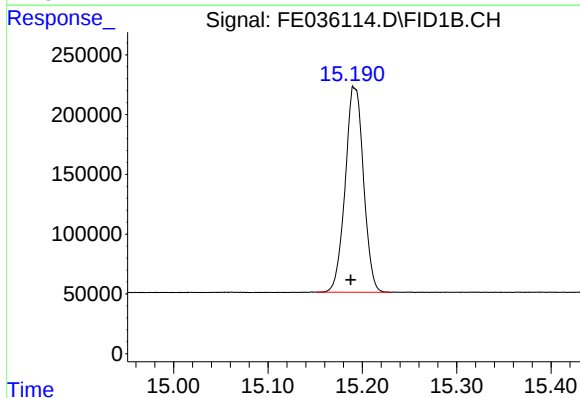
#13 n-Docosane (C22)

R.T.: 13.069 min
Delta R.T.: 0.005 min
Response: 2359224
Conc: 19.53 ug/ml



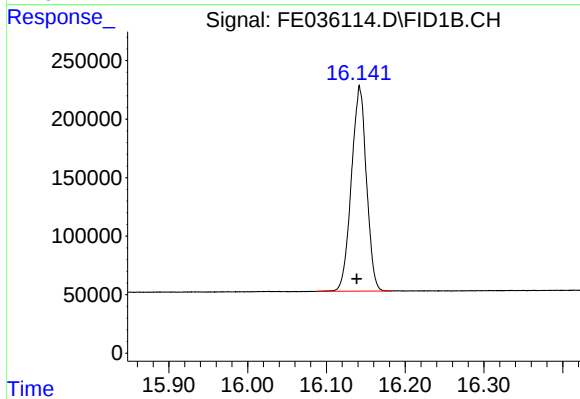
#14 n-Tetracosane (C24)

R.T.: 14.172 min
Delta R.T.: 0.005 min
Response: 2338503
Conc: 19.26 ug/ml



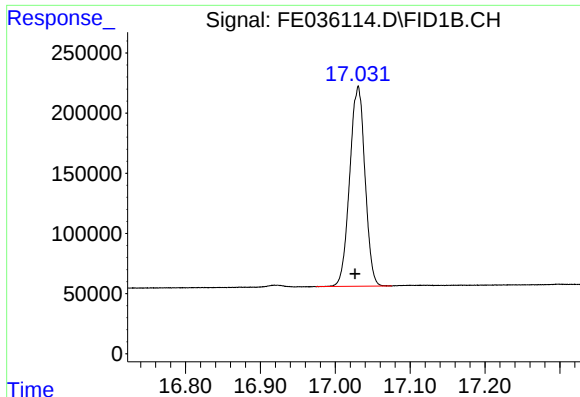
#15 n-Hexacosane (C26)

R.T.: 15.192 min
Delta R.T.: 0.004 min
Response: 2316123
Conc: 19.07 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.142 min
Delta R.T.: 0.004 min
Response: 2325172
Conc: 19.11 ug/ml



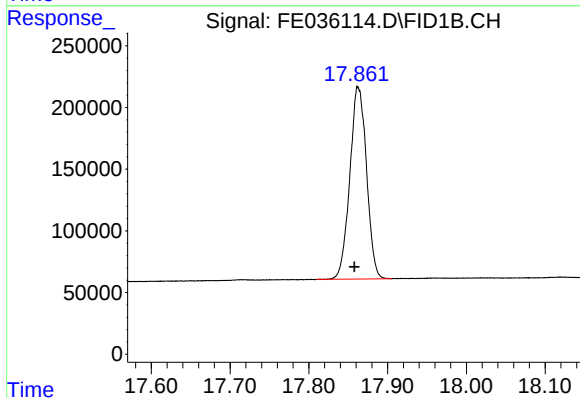
#17 n-Tricontane (C30)

R.T.: 17.031 min

Delta R.T.: 0.004 min

Response: 2358470

Conc: 19.48 ug/ml



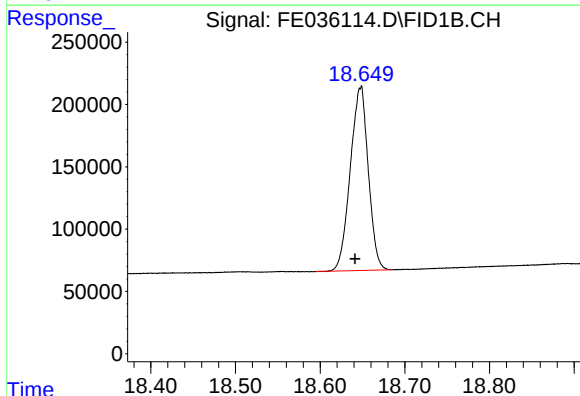
#18 n-Dotriacontane (C32)

R.T.: 17.863 min

Delta R.T.: 0.005 min

Response: 2298724

Conc: 19.68 ug/ml



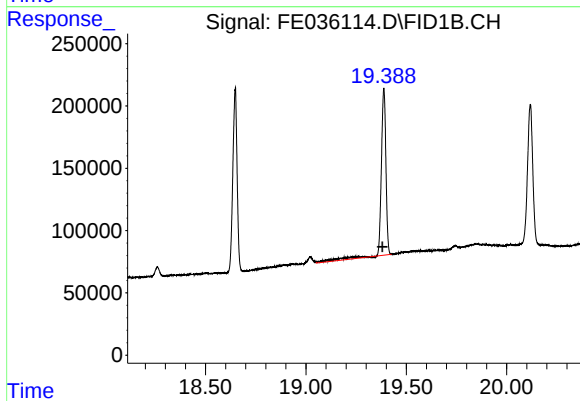
#19 n-Tetratriacontane (C34)

R.T.: 18.648 min

Delta R.T.: 0.007 min

Response: 2179101

Conc: 19.91 ug/ml



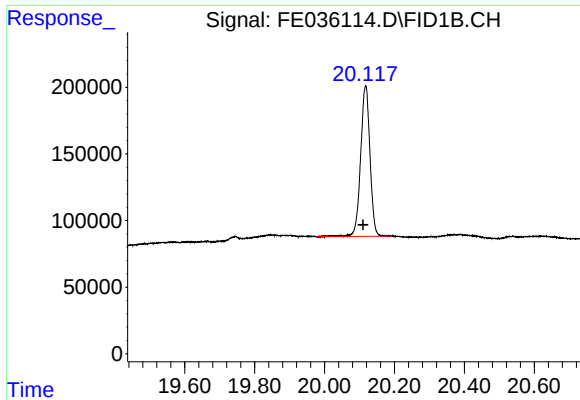
#20 n-Hexatriacontane (C36)

R.T.: 19.388 min

Delta R.T.: 0.008 min

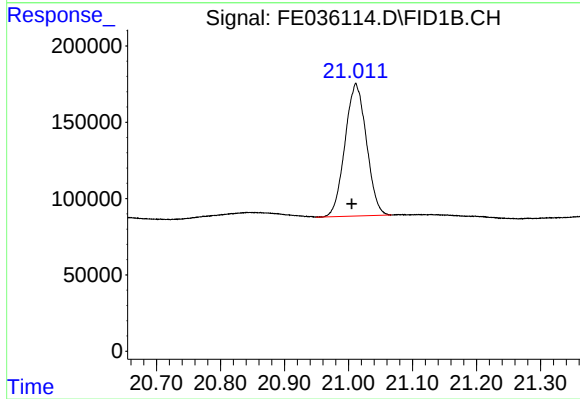
Response: 2212862

Conc: 21.69 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.118 min
Delta R.T.: 0.007 min
Response: 2095636
Conc: 21.31 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.012 min
Delta R.T.: 0.007 min
Response: 2016036
Conc: 20.70 ug/ml