

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD021622AL\
 Data File : FD041047.D
 Signal(s) : FID2B.CH
 Acq On : 15 Feb 2022 23:27
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Feb 16 01:10:29 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 020822.M
 Quant Title : GC Extractables
 QLast Update : Wed Feb 09 03:32:15 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)	11.228	537549	19.233 ug/ml
Spiked Amount 50.000		Recovery =	38.47%
12) S 1-chlorooctadecane (S...	12.669	403524	19.275 ug/ml
Spiked Amount 50.000		Recovery =	38.55%
Target Compounds			
1) T n-Nonane (C9)	3.079	440448	19.555 ug/ml
2) T n-Decane (C10)	4.138	447369	19.878 ug/ml
3) T A~Naphthalene (C11.7)	5.695	422127	18.996 ug/ml
4) T n-Dodecane (C12)	6.139	447918	19.508 ug/ml
5) T A~2-methylnaphthalene...	6.740	415827	19.358 ug/ml
6) T n-Tetradecane (C14)	7.916	453799	19.270 ug/ml
7) T n-Hexadecane (C16)	9.503	464592	19.324 ug/ml
8) T n-Octadecane (C18)	10.932	483828	19.280 ug/ml
10) T n-Eicosane (C20)	12.232	480242	19.175 ug/ml
11) T n-Heneicosane (C21)	12.839	486507	19.157 ug/ml
13) T n-Docosane (C22)	13.421	482141	19.262 ug/ml
14) T n-Tetracosane (C24)	14.517	497133	20.017 ug/ml
15) T n-Hexacosane (C26)	15.530	495961	20.458 ug/ml
16) T n-Octacosane (C28)	16.474	517917	21.509 ug/ml
17) T n-Tricontane (C30)	17.356	546020	22.915 ug/ml
18) T n-Dotriacontane (C32)	18.184	528879	23.581 ug/ml
19) T n-Tetratriacontane (C34)	18.964	476881	22.129 ug/ml
20) T n-Hexatriacontane (C36)	19.698	419278	21.087 ug/ml
21) T n-Octatriacontane (C38)	20.395	379966	20.055 ug/ml
22) T n-Tetracontane (C40)	21.174	360614	18.630 ug/ml

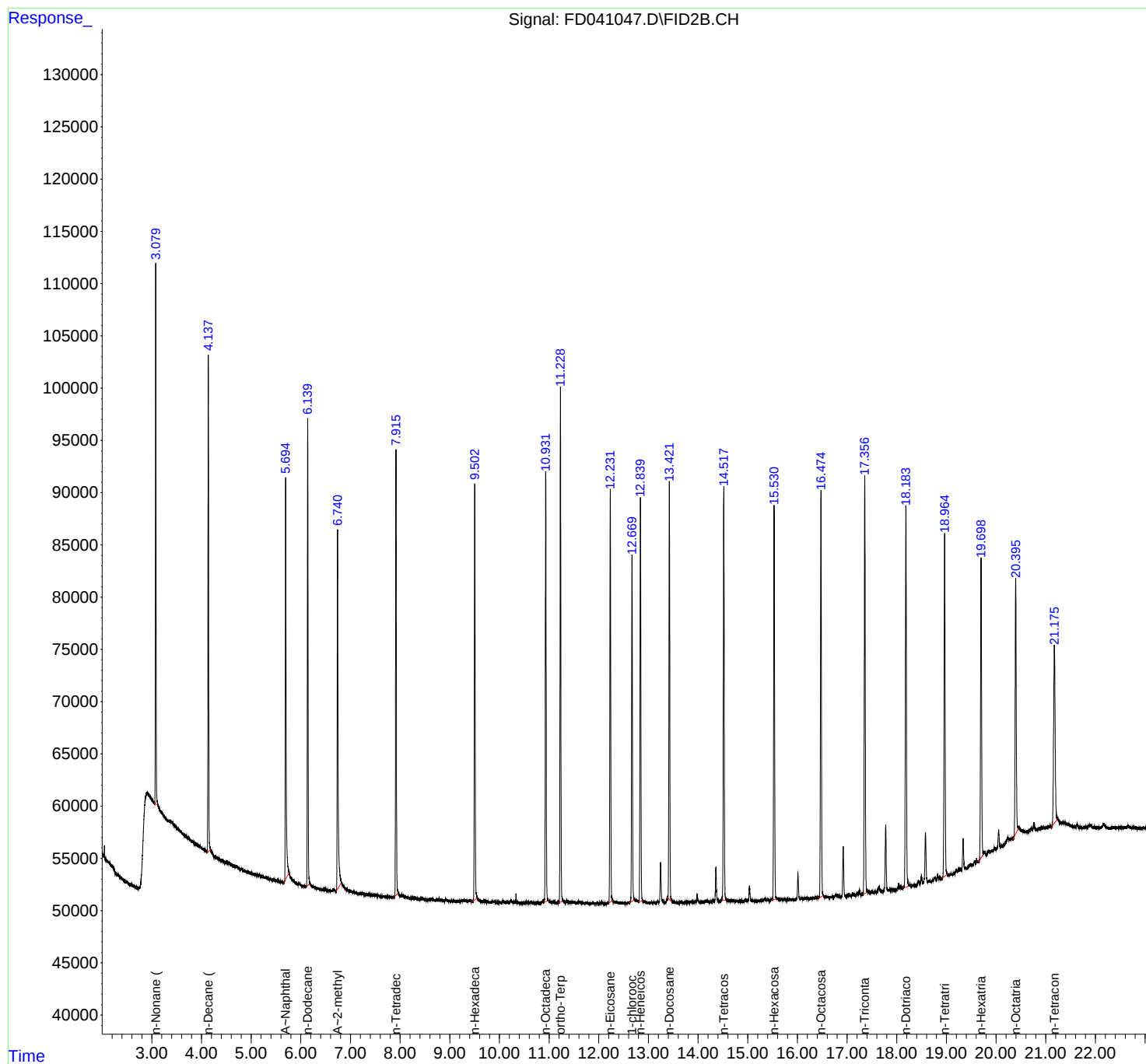
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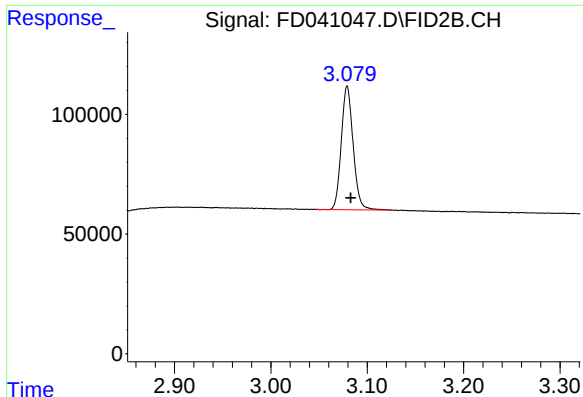
(m)=manual int.

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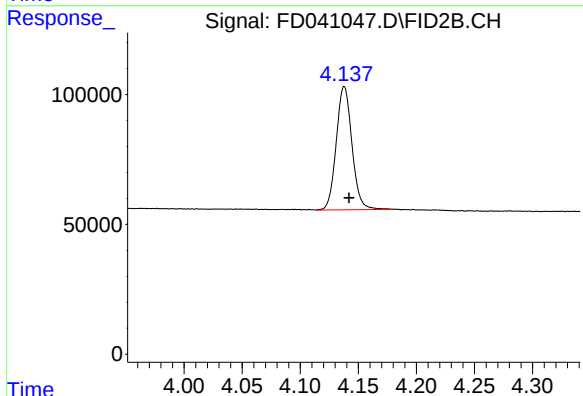
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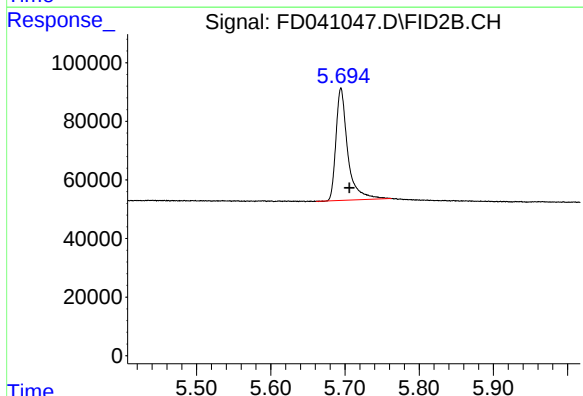
#1 n-Nonane (C9)

R.T.: 3.079 min
Delta R.T.: -0.004 min
Response: 440448
Conc: 19.56 ug/ml



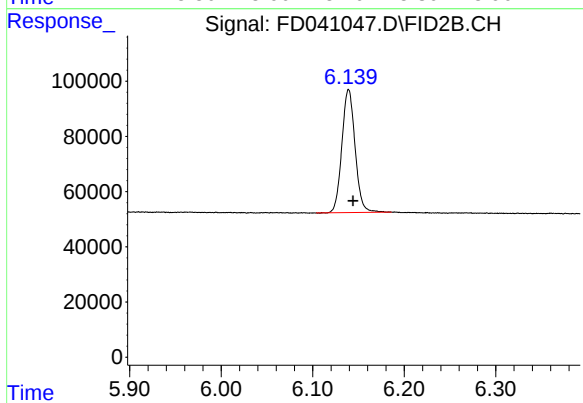
#2 n-Decane (C10)

R.T.: 4.138 min
Delta R.T.: -0.004 min
Response: 447369
Conc: 19.88 ug/ml



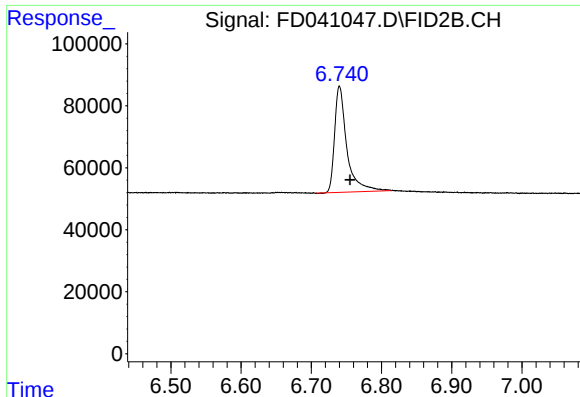
#3 A~Naphthalene (C11.7)

R.T.: 5.695 min
Delta R.T.: -0.011 min
Response: 422127
Conc: 19.00 ug/ml



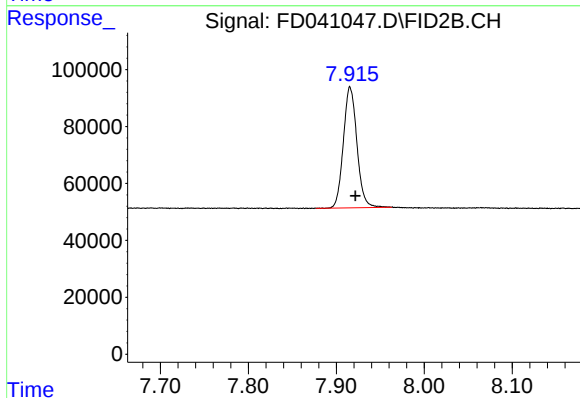
#4 n-Dodecane (C12)

R.T.: 6.139 min
Delta R.T.: -0.005 min
Response: 447918
Conc: 19.51 ug/ml



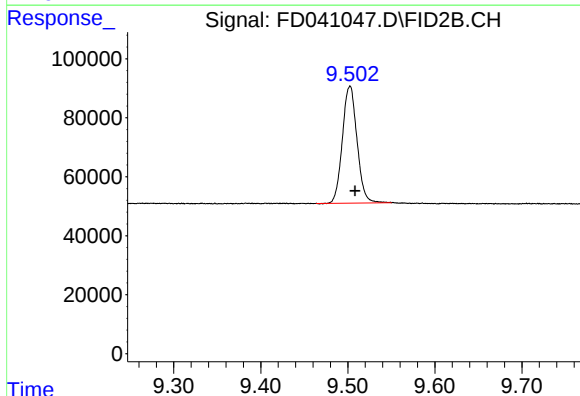
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.740 min
Delta R.T.: -0.015 min
Response: 415827
Conc: 19.36 ug/ml



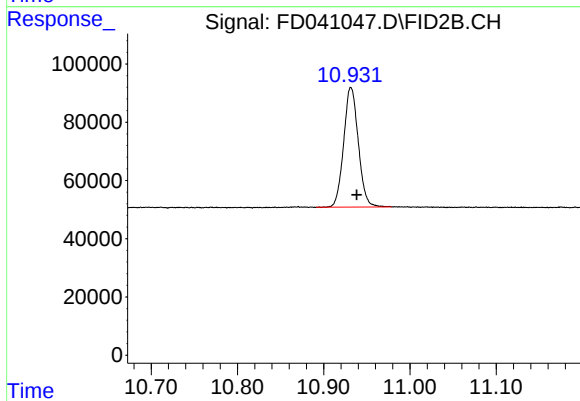
#6 n-Tetradecane (C14)

R.T.: 7.916 min
Delta R.T.: -0.006 min
Response: 453799
Conc: 19.27 ug/ml



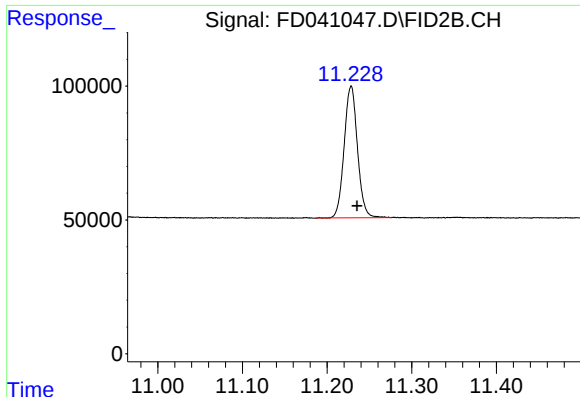
#7 n-Hexadecane (C16)

R.T.: 9.503 min
Delta R.T.: -0.006 min
Response: 464592
Conc: 19.32 ug/ml



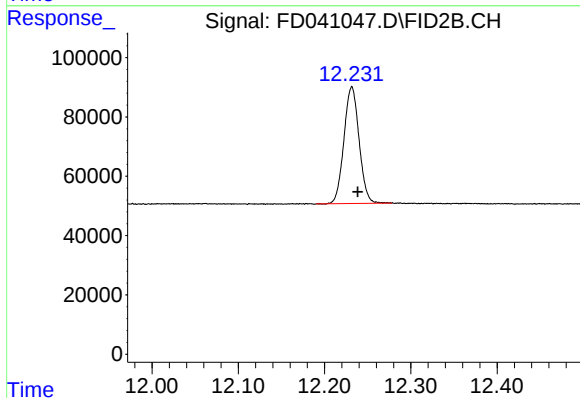
#8 n-Octadecane (C18)

R.T.: 10.932 min
Delta R.T.: -0.007 min
Response: 483828
Conc: 19.28 ug/ml



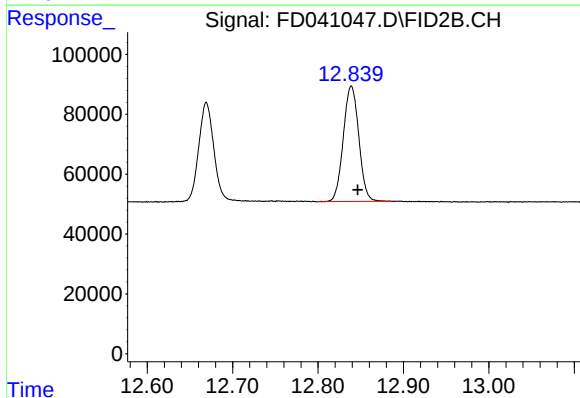
#9 ortho-Terphenyl (SURR)

R.T.: 11.228 min
Delta R.T.: -0.007 min
Response: 537549
Conc: 19.23 ug/ml



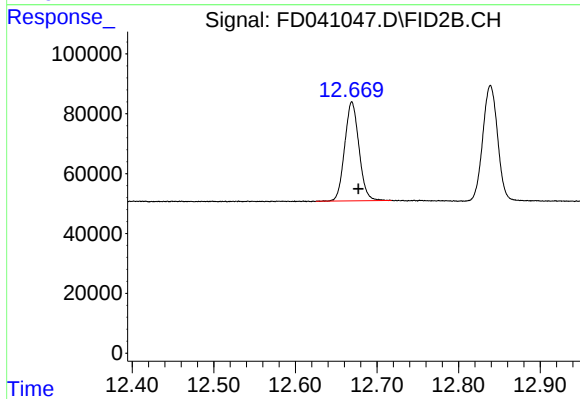
#10 n-Eicosane (C20)

R.T.: 12.232 min
Delta R.T.: -0.007 min
Response: 480242
Conc: 19.17 ug/ml



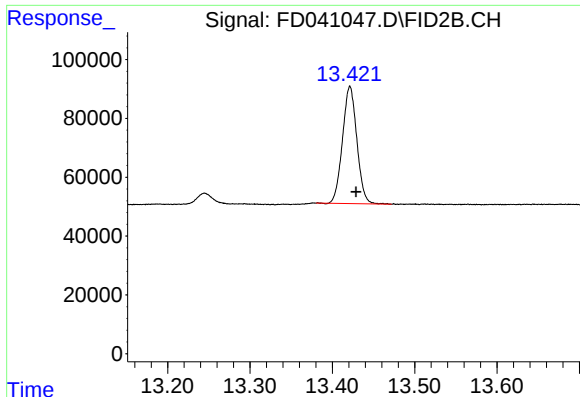
#11 n-Heneicosane (C21)

R.T.: 12.839 min
Delta R.T.: -0.007 min
Response: 486507
Conc: 19.16 ug/ml



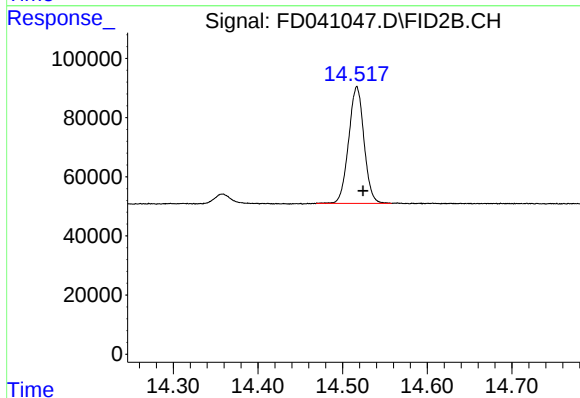
#12 1-chlorooctadecane (SURR)

R.T.: 12.669 min
Delta R.T.: -0.008 min
Response: 403524
Conc: 19.27 ug/ml



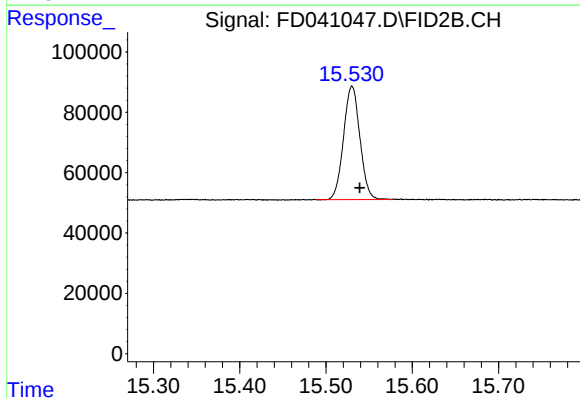
#13 n-Docosane (C22)

R.T.: 13.421 min
Delta R.T.: -0.007 min
Response: 482141
Conc: 19.26 ug/ml



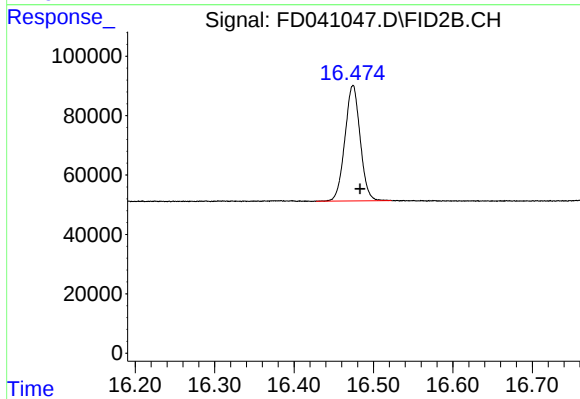
#14 n-Tetracosane (C24)

R.T.: 14.517 min
Delta R.T.: -0.007 min
Response: 497133
Conc: 20.02 ug/ml



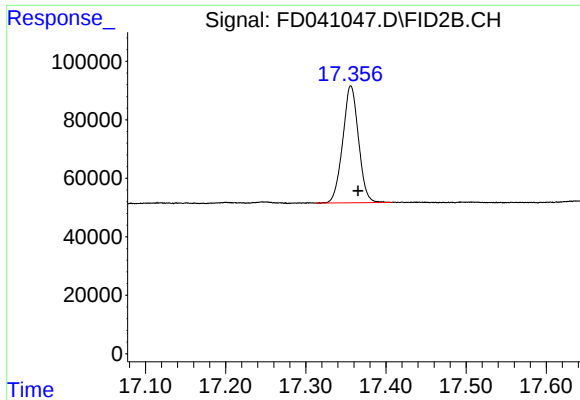
#15 n-Hexacosane (C26)

R.T.: 15.530 min
Delta R.T.: -0.009 min
Response: 495961
Conc: 20.46 ug/ml



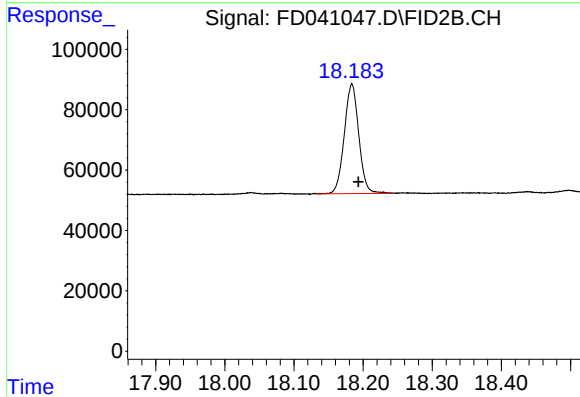
#16 n-Octacosane (C28)

R.T.: 16.474 min
Delta R.T.: -0.009 min
Response: 517917
Conc: 21.51 ug/ml



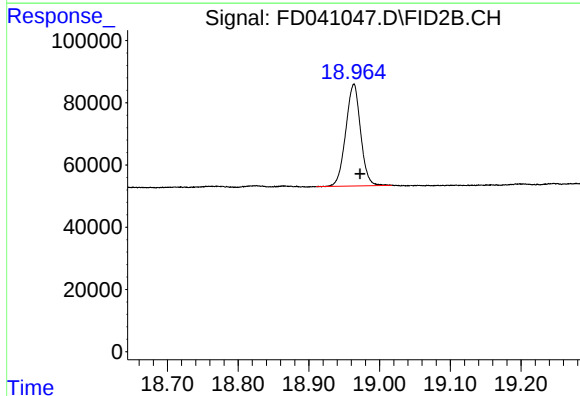
#17 n-Tricontane (C30)

R.T.: 17.356 min
Delta R.T.: -0.009 min
Response: 546020
Conc: 22.91 ug/ml



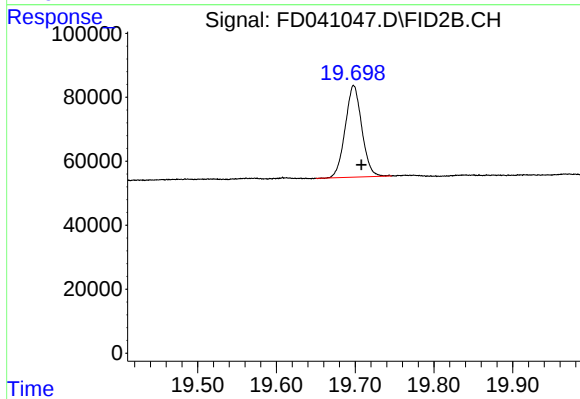
#18 n-Dotriacontane (C32)

R.T.: 18.184 min
Delta R.T.: -0.009 min
Response: 528879
Conc: 23.58 ug/ml



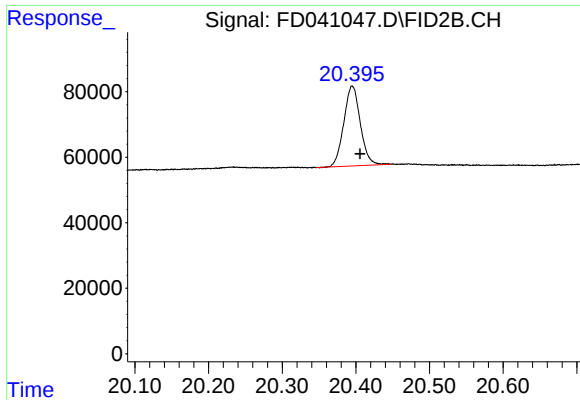
#19 n-Tetratriacontane (C34)

R.T.: 18.964 min
Delta R.T.: -0.008 min
Response: 476881
Conc: 22.13 ug/ml



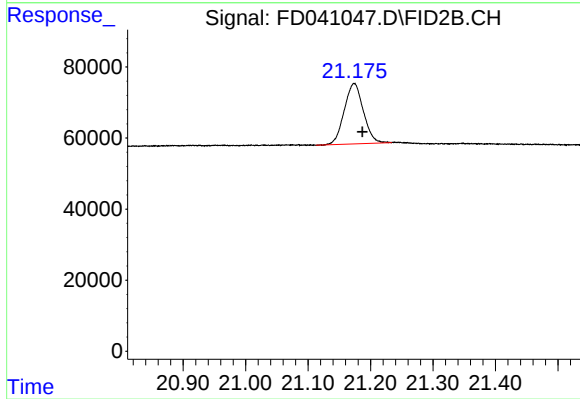
#20 n-Hexatriacontane (C36)

R.T.: 19.698 min
Delta R.T.: -0.010 min
Response: 419278
Conc: 21.09 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.395 min
Delta R.T.: -0.011 min
Response: 379966
Conc: 20.06 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.174 min
Delta R.T.: -0.013 min
Response: 360614
Conc: 18.63 ug/ml