

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD032122AL\
 Data File : FD041650.D
 Signal(s) : FID2B.CH
 Acq On : 21 Mar 2022 21:37
 Operator : UA/NP
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: sample.E
 Quant Time: Mar 22 03:56:20 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)	11.237	3497677	20.164 ug/ml
Spiked Amount 50.000		Recovery =	40.33%
12) S 1-chlorooctadecane (S...	12.676	2689348	19.864 ug/ml
Spiked Amount 50.000		Recovery =	39.73%
Target Compounds			
1) T n-Nonane (C9)	3.098	3160839	21.706 ug/ml
2) T n-Decane (C10)	4.145	3146274	21.790 ug/ml
3) T A~Naphthalene (C11.7)	5.697	3414745	21.376 ug/ml
4) T n-Dodecane (C12)	6.142	3247594	21.928 ug/ml
5) T A~2-methylnaphthalene...	6.743	3421116	21.378 ug/ml
6) T n-Tetradecane (C14)	7.919	3265397	21.812 ug/ml
7) T n-Hexadecane (C16)	9.507	3268549	21.471 ug/ml
8) T n-Octadecane (C18)	10.939	3259592	20.972 ug/ml
10) T n-Eicosane (C20)	12.239	3170414	20.422 ug/ml
11) T n-Heneicosane (C21)	12.846	3142903	20.072 ug/ml
13) T n-Docosane (C22)	13.430	3091257	19.738 ug/ml
14) T n-Tetracosane (C24)	14.525	2986917	19.043 ug/ml
15) T n-Hexacosane (C26)	15.539	2855340	18.584 ug/ml
16) T n-Octacosane (C28)	16.483	2770898	18.618 ug/ml
17) T n-Tricontane (C30)	17.365	2693256	19.141 ug/mlm
18) T n-Dotriacontane (C32)	18.194	2681026	21.073 ug/ml
19) T n-Tetratriacontane (C34)	18.973	2485297	21.820 ug/ml
20) T n-Hexatriacontane (C36)	19.711	2385987	23.279 ug/mlm
21) T n-Octatriacontane (C38)	20.407	2246946	23.666 ug/mlm
22) T n-Tetracontane (C40)	21.189	2349278	24.789 ug/ml

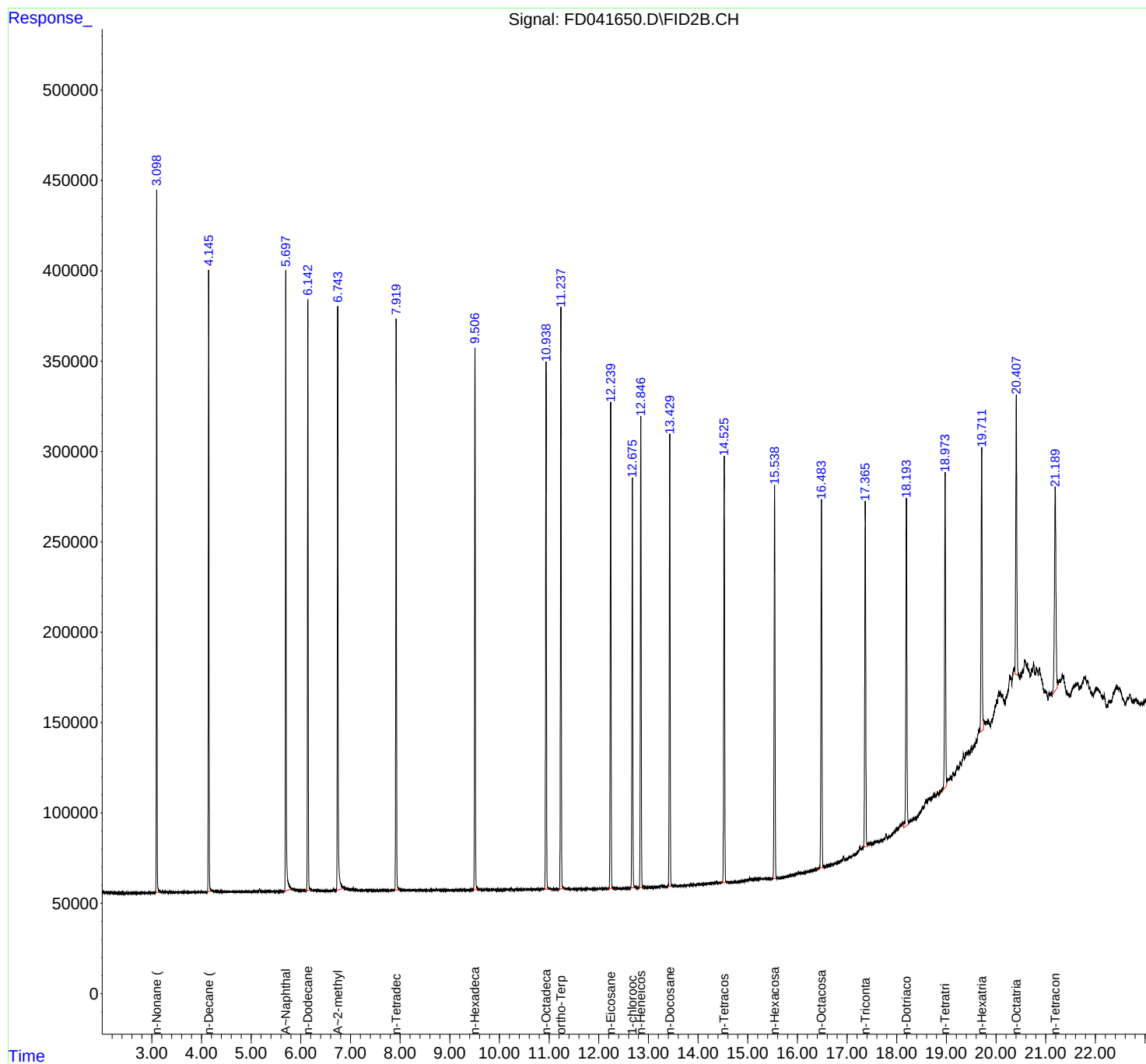
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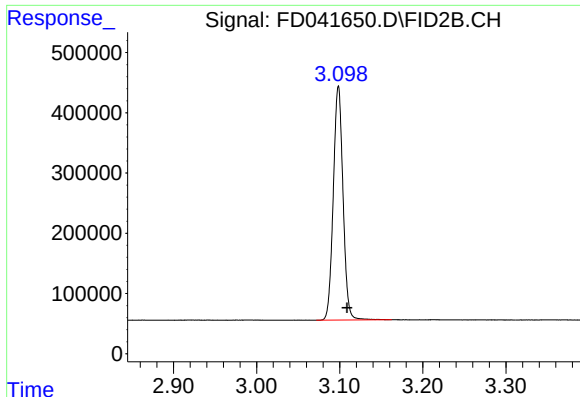
(m)=manual int.

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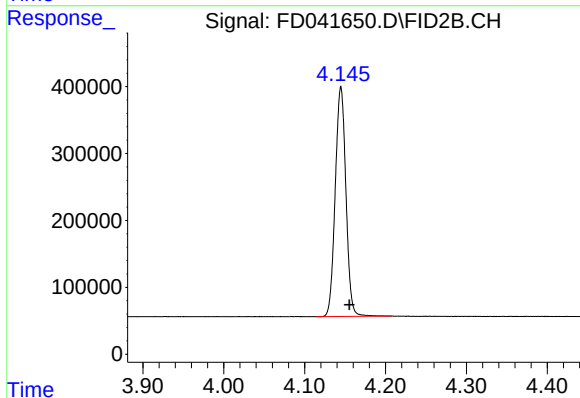
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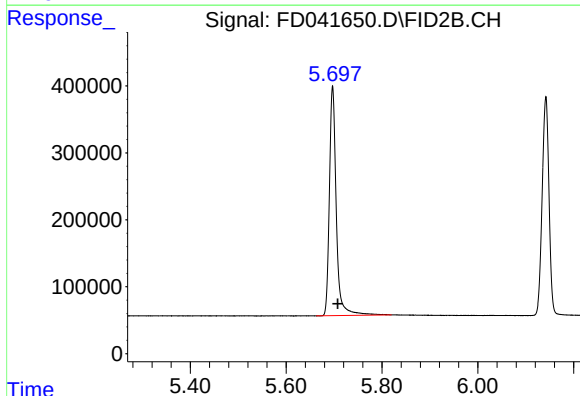
#1 n-Nonane (C9)

R.T.: 3.098 min
Delta R.T.: -0.011 min
Response: 3160839
Conc: 21.71 ug/ml



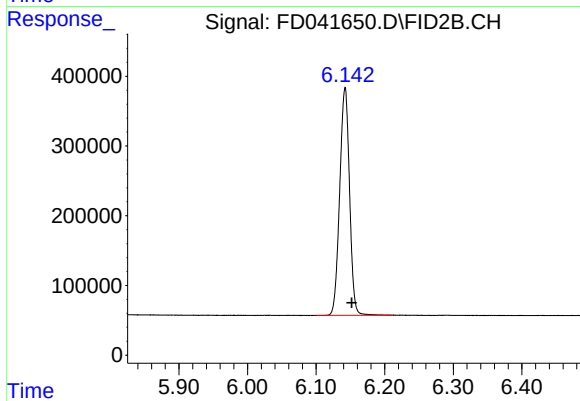
#2 n-Decane (C10)

R.T.: 4.145 min
Delta R.T.: -0.011 min
Response: 3146274
Conc: 21.79 ug/ml



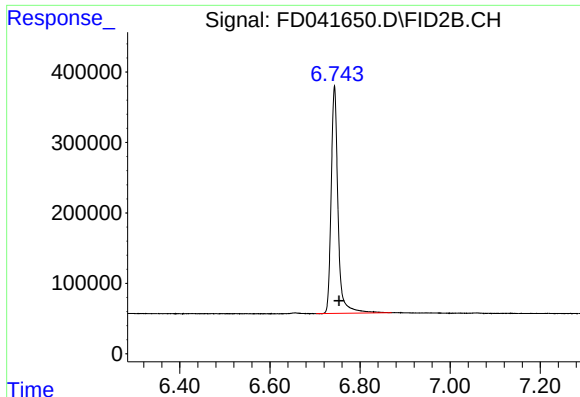
#3 A~Naphthalene (C11.7)

R.T.: 5.697 min
Delta R.T.: -0.011 min
Response: 3414745
Conc: 21.38 ug/ml



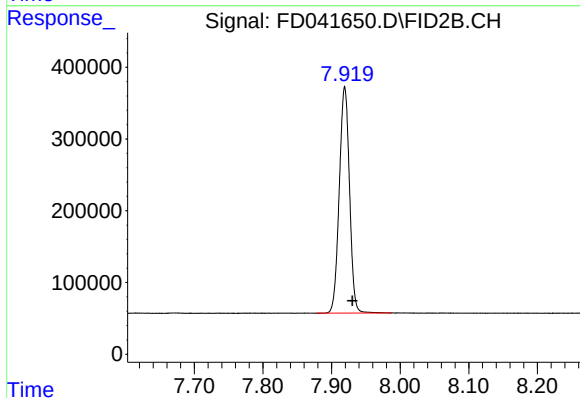
#4 n-Dodecane (C12)

R.T.: 6.142 min
Delta R.T.: -0.009 min
Response: 3247594
Conc: 21.93 ug/ml



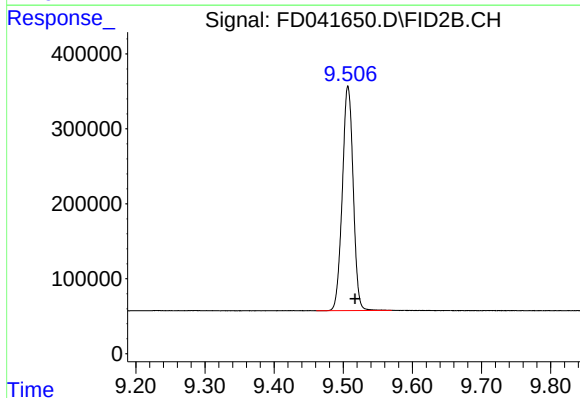
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.743 min
Delta R.T.: -0.010 min
Response: 3421116
Conc: 21.38 ug/ml



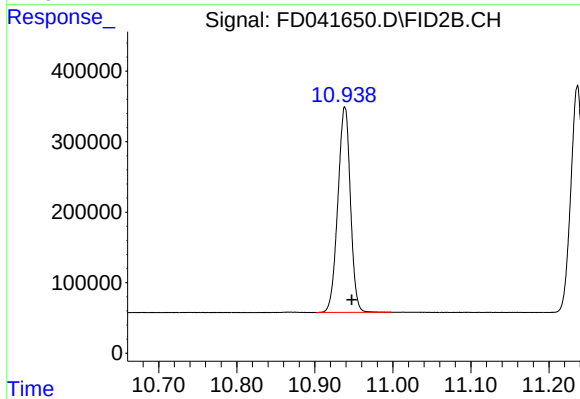
#6 n-Tetradecane (C14)

R.T.: 7.919 min
Delta R.T.: -0.011 min
Response: 3265397
Conc: 21.81 ug/ml



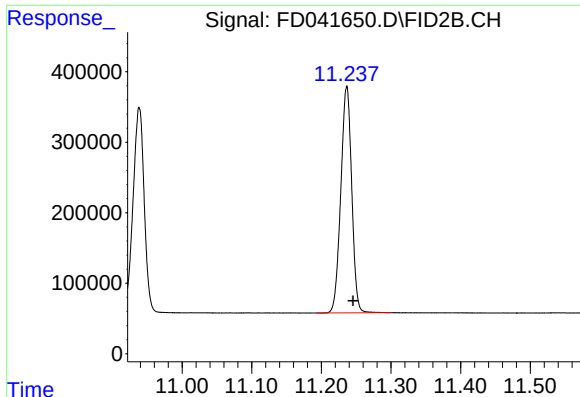
#7 n-Hexadecane (C16)

R.T.: 9.507 min
Delta R.T.: -0.010 min
Response: 3268549
Conc: 21.47 ug/ml



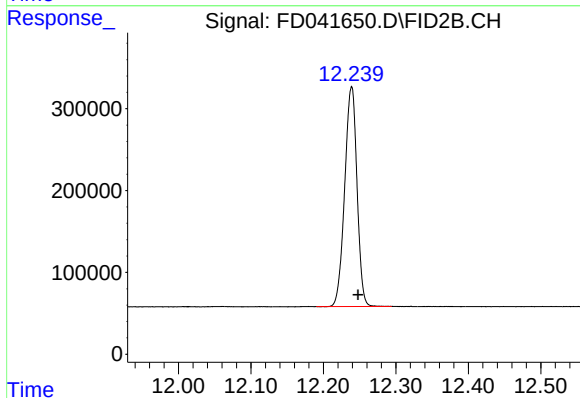
#8 n-Octadecane (C18)

R.T.: 10.939 min
Delta R.T.: -0.009 min
Response: 3259592
Conc: 20.97 ug/ml



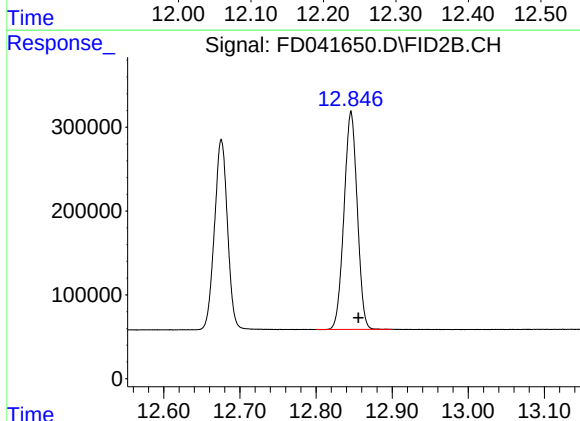
#9 ortho-Terphenyl (SURR)

R.T.: 11.237 min
Delta R.T.: -0.009 min
Response: 3497677
Conc: 20.16 ug/ml



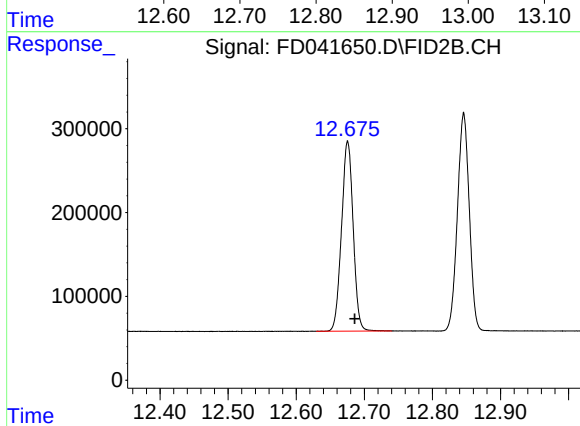
#10 n-Eicosane (C20)

R.T.: 12.239 min
Delta R.T.: -0.009 min
Response: 3170414
Conc: 20.42 ug/ml



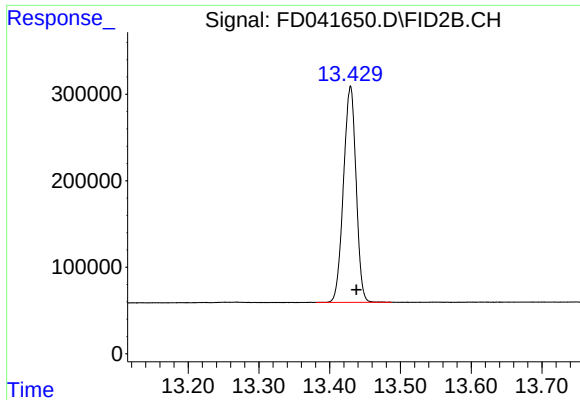
#11 n-Heneicosane (C21)

R.T.: 12.846 min
Delta R.T.: -0.010 min
Response: 3142903
Conc: 20.07 ug/ml



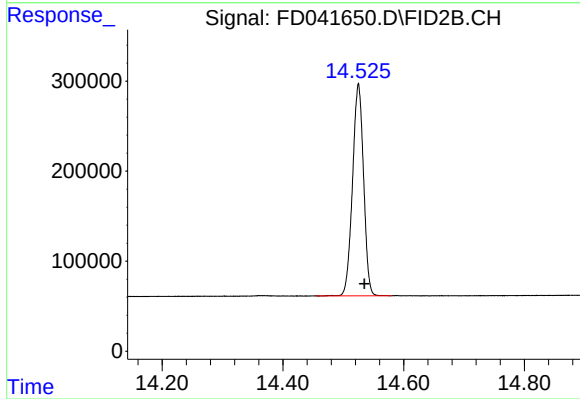
#12 1-chlorooctadecane (SURR)

R.T.: 12.676 min
Delta R.T.: -0.010 min
Response: 2689348
Conc: 19.86 ug/ml



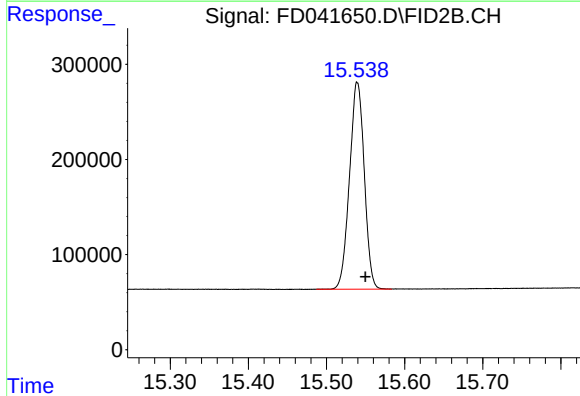
#13 n-Docosane (C22)

R.T.: 13.430 min
Delta R.T.: -0.008 min
Response: 3091257
Conc: 19.74 ug/ml



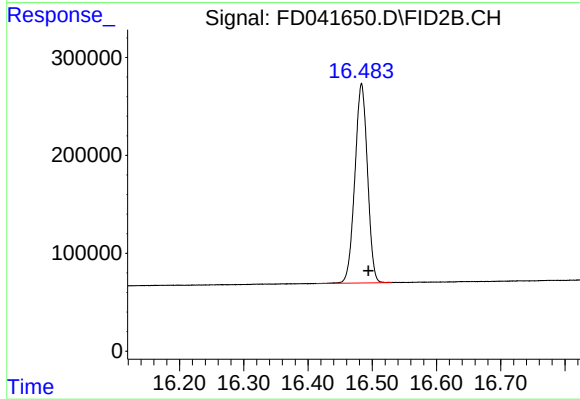
#14 n-Tetracosane (C24)

R.T.: 14.525 min
Delta R.T.: -0.010 min
Response: 2986917
Conc: 19.04 ug/ml



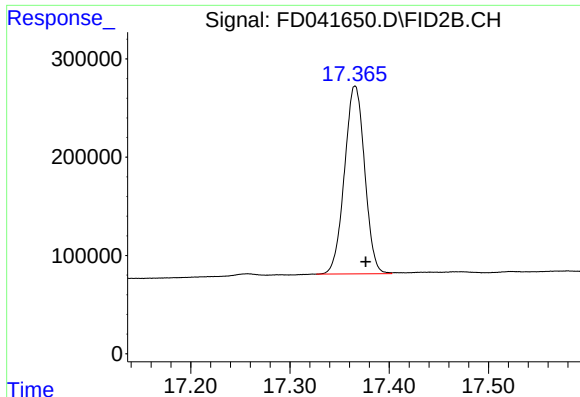
#15 n-Hexacosane (C26)

R.T.: 15.539 min
Delta R.T.: -0.011 min
Response: 2855340
Conc: 18.58 ug/ml



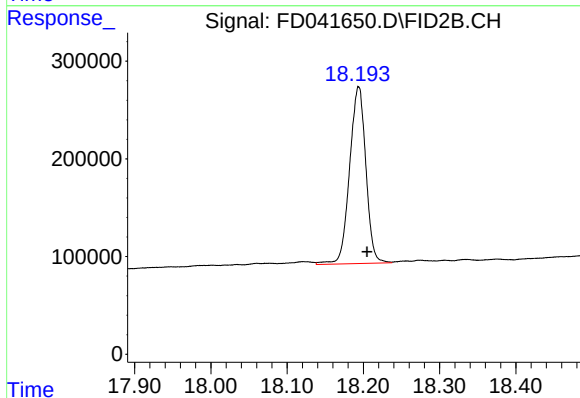
#16 n-Octacosane (C28)

R.T.: 16.483 min
Delta R.T.: -0.011 min
Response: 2770898
Conc: 18.62 ug/ml



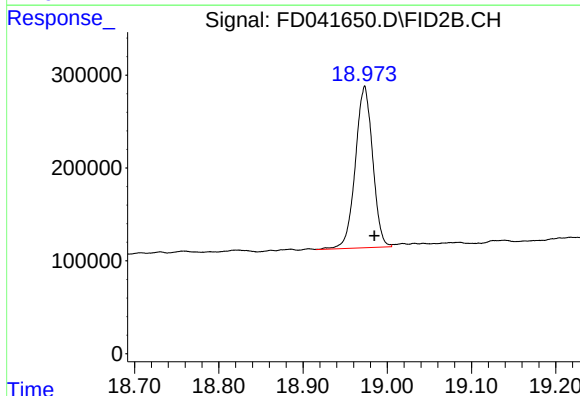
#17 n-Tricontane (C30)

R.T.: 17.365 min
Delta R.T.: -0.011 min
Response: 2693256
Conc: 19.14 ug/ml m



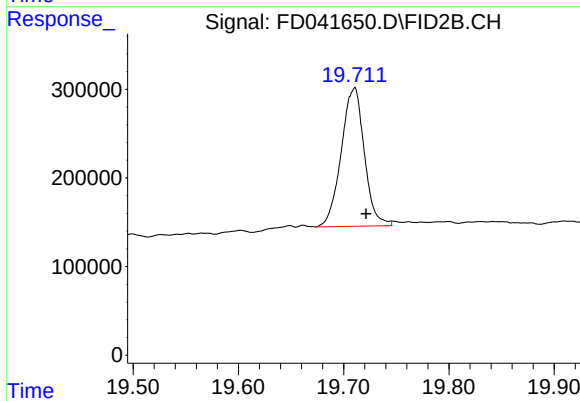
#18 n-Dotriacontane (C32)

R.T.: 18.194 min
Delta R.T.: -0.011 min
Response: 2681026
Conc: 21.07 ug/ml



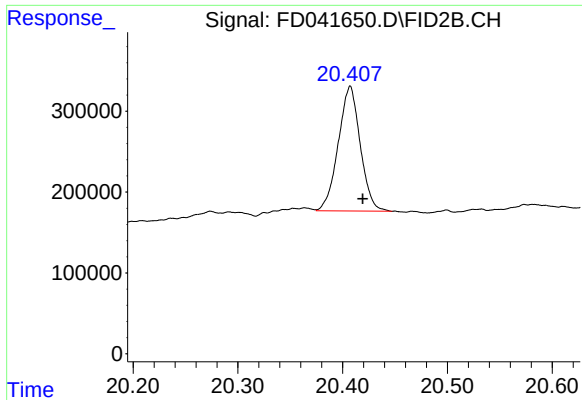
#19 n-Tetratriacontane (C34)

R.T.: 18.973 min
Delta R.T.: -0.012 min
Response: 2485297
Conc: 21.82 ug/ml



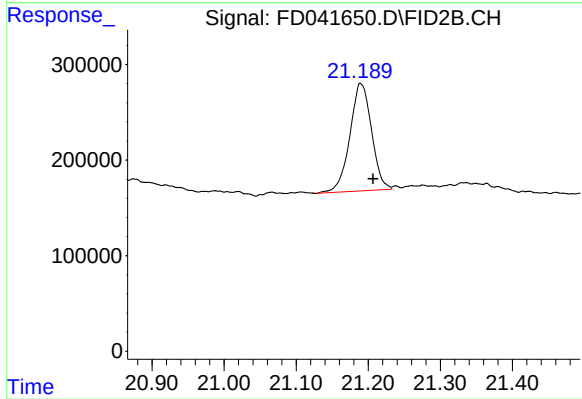
#20 n-Hexatriacontane (C36)

R.T.: 19.711 min
Delta R.T.: -0.011 min
Response: 2385987
Conc: 23.28 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 20.407 min
Delta R.T.: -0.012 min
Response: 2246946
Conc: 23.67 ug/ml m



#22 n-Tetracontane (C40)

R.T.: 21.189 min
Delta R.T.: -0.017 min
Response: 2349278
Conc: 24.79 ug/ml