

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD052322AL\
 Data File : FD042623.D
 Signal(s) : FID2B.CH
 Acq On : 23 May 2022 12:17
 Operator : UA/NP
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 53 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: May 24 01:10:19 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 051922.M
 Quant Title : GC Extractables
 QLast Update : Thu May 19 05:18:51 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)	11.202	3001813	17.913 ug/ml
Spiked Amount 50.000		Recovery =	35.83%
12) S 1-chlorooctadecane (S...	12.641	2303483	17.865 ug/ml
Spiked Amount 50.000		Recovery =	35.73%
Target Compounds			
1) T n-Nonane (C9)	3.079	2790553	18.375 ug/ml
2) T n-Decane (C10)	4.122	2796319	18.587 ug/ml
3) T A~Naphthalene (C11.7)	5.671	2832549	18.388 ug/ml
4) T n-Dodecane (C12)	6.113	2886071	18.367 ug/ml
5) T A~2-methylnaphthalene...	6.716	2821309	18.334 ug/ml
6) T n-Tetradecane (C14)	7.889	2887303	18.324 ug/ml
7) T n-Hexadecane (C16)	9.475	2880170	18.235 ug/ml
8) T n-Octadecane (C18)	10.904	2867274	18.179 ug/ml
10) T n-Eicosane (C20)	12.204	2792757	18.131 ug/ml
11) T n-Heneicosane (C21)	12.811	2734663	17.885 ug/ml
13) T n-Docosane (C22)	13.394	2843445	18.989 ug/ml
14) T n-Tetracosane (C24)	14.490	2947942	20.437 ug/ml
15) T n-Hexacosane (C26)	15.504	3042206	21.723 ug/ml
16) T n-Octacosane (C28)	16.446	3213063	23.570 ug/ml
17) T n-Tricontane (C30)	17.329	3315634	24.904 ug/ml
18) T n-Dotriacontane (C32)	18.157	3166121	24.882 ug/ml
19) T n-Tetratriacontane (C34)	18.934	2925144	24.237 ug/mlm
20) T n-Hexatriacontane (C36)	19.671	2661849	23.504 ug/mlm
21) T n-Octatriacontane (C38)	20.369	2685230	24.866 ug/ml
22) T n-Tetracontane (C40)	21.140	2482838	23.275 ug/mlm

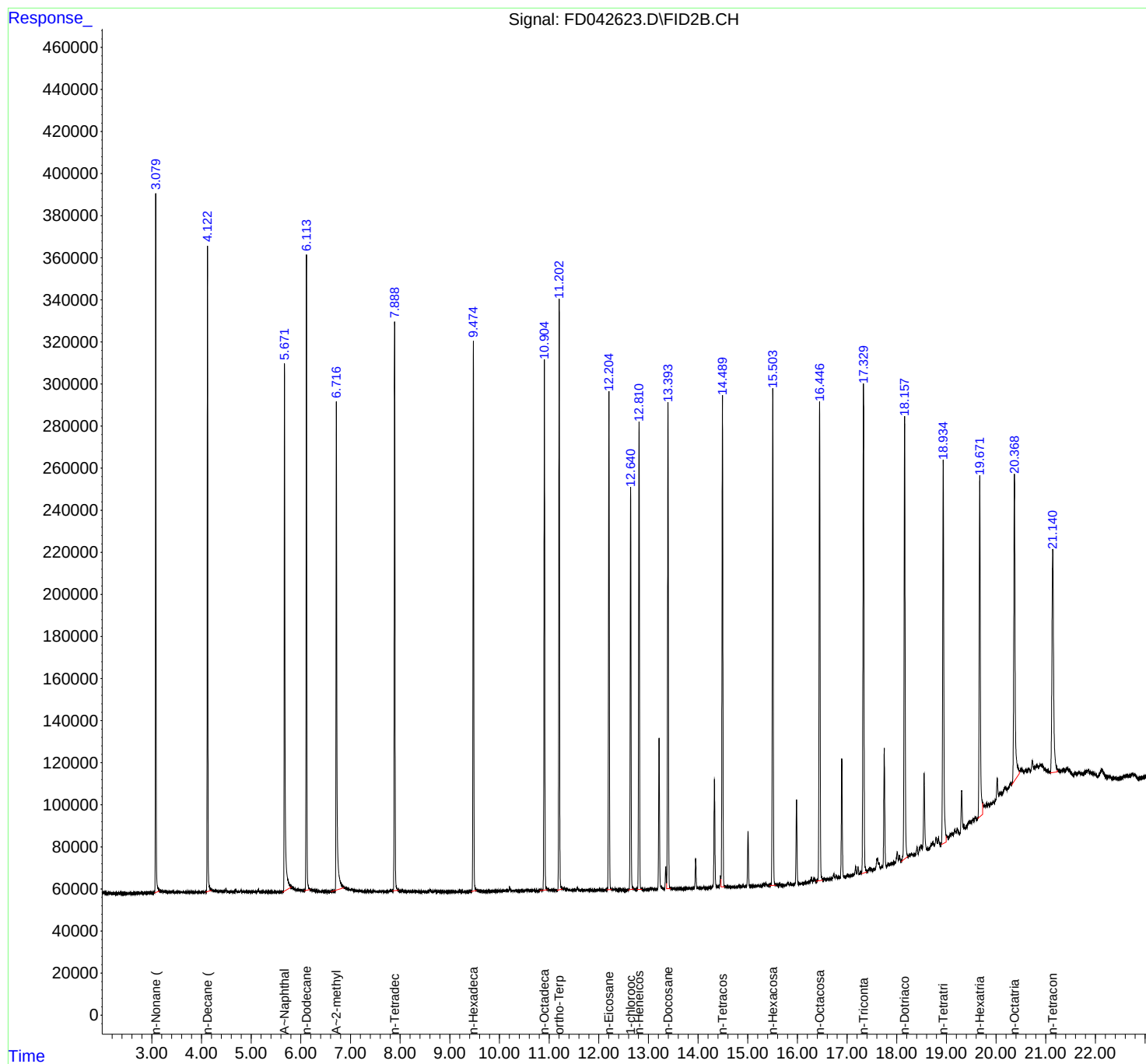
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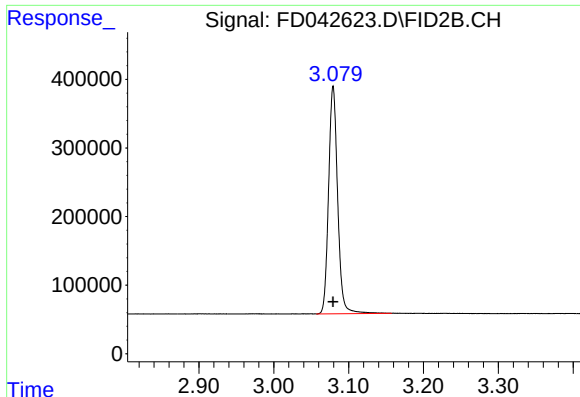
(m)=manual int.

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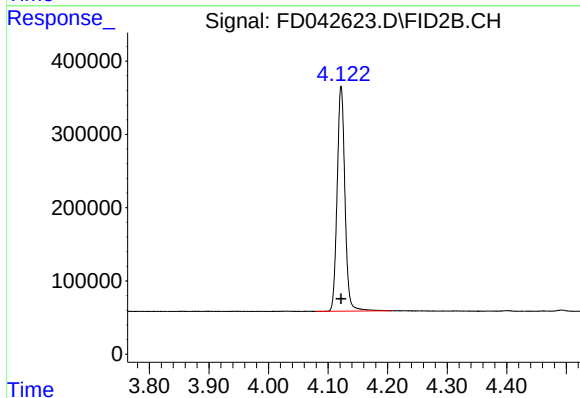
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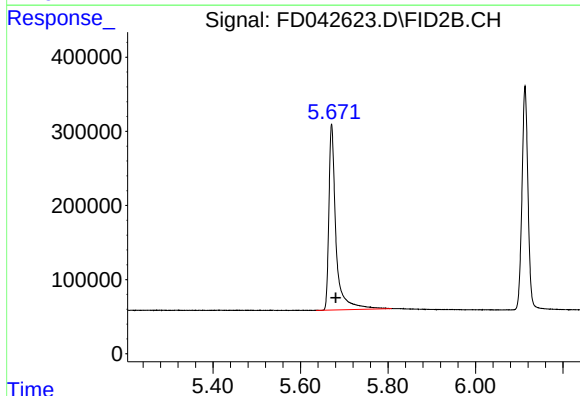
#1 n-Nonane (C9)

R.T.: 3.079 min
Delta R.T.: 0.000 min
Response: 2790553
Conc: 18.38 ug/ml



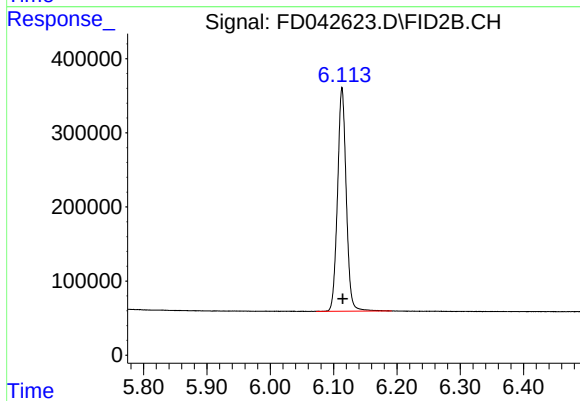
#2 n-Decane (C10)

R.T.: 4.122 min
Delta R.T.: 0.000 min
Response: 2796319
Conc: 18.59 ug/ml



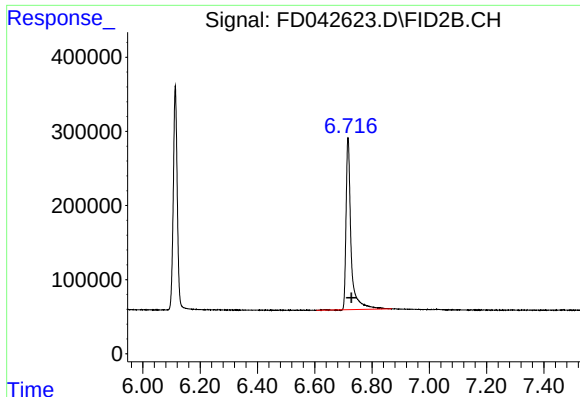
#3 A~Naphthalene (C11.7)

R.T.: 5.671 min
Delta R.T.: -0.009 min
Response: 2832549
Conc: 18.39 ug/ml



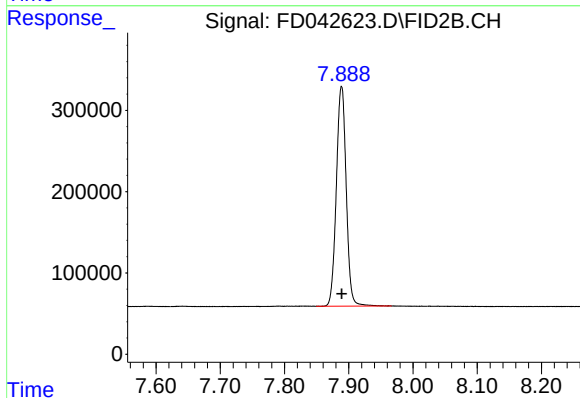
#4 n-Dodecane (C12)

R.T.: 6.113 min
Delta R.T.: -0.001 min
Response: 2886071
Conc: 18.37 ug/ml



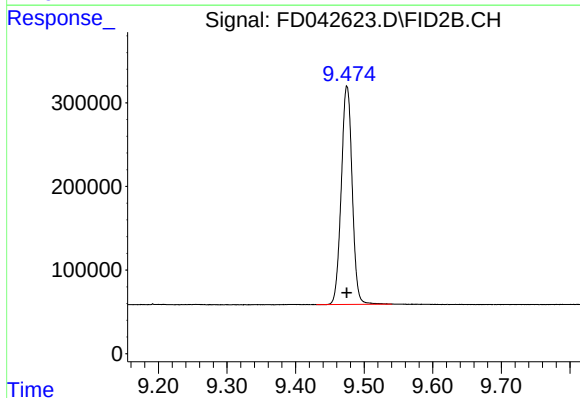
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.716 min
Delta R.T.: -0.011 min
Response: 2821309
Conc: 18.33 ug/ml



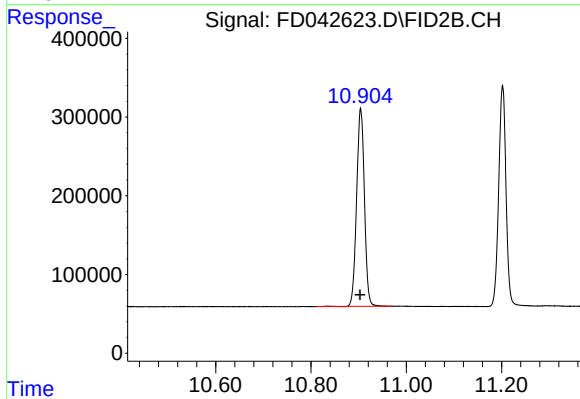
#6 n-Tetradecane (C14)

R.T.: 7.889 min
Delta R.T.: 0.000 min
Response: 2887303
Conc: 18.32 ug/ml



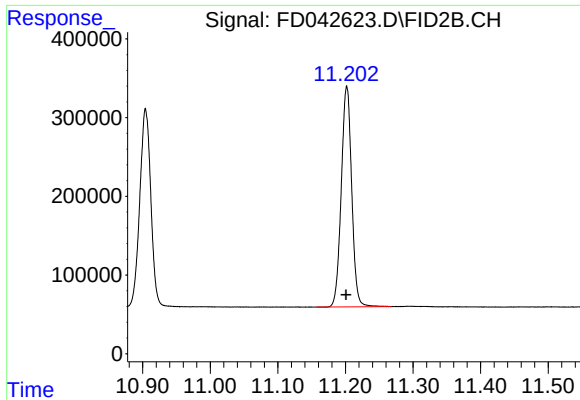
#7 n-Hexadecane (C16)

R.T.: 9.475 min
Delta R.T.: 0.000 min
Response: 2880170
Conc: 18.24 ug/ml



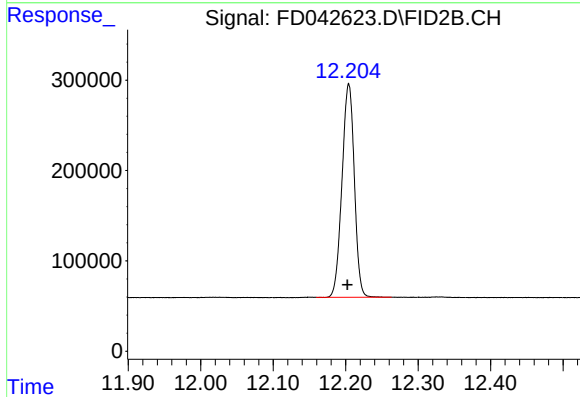
#8 n-Octadecane (C18)

R.T.: 10.904 min
Delta R.T.: 0.001 min
Response: 2867274
Conc: 18.18 ug/ml



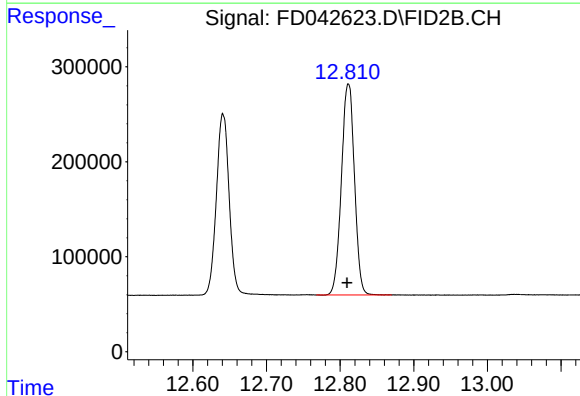
#9 ortho-Terphenyl (SURR)

R.T.: 11.202 min
Delta R.T.: 0.001 min
Response: 3001813
Conc: 17.91 ug/ml



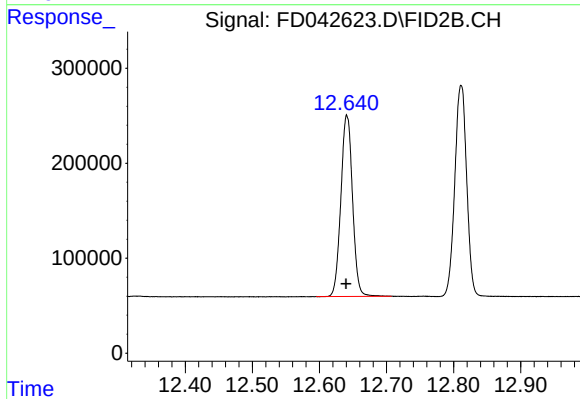
#10 n-Eicosane (C20)

R.T.: 12.204 min
Delta R.T.: 0.002 min
Response: 2792757
Conc: 18.13 ug/ml



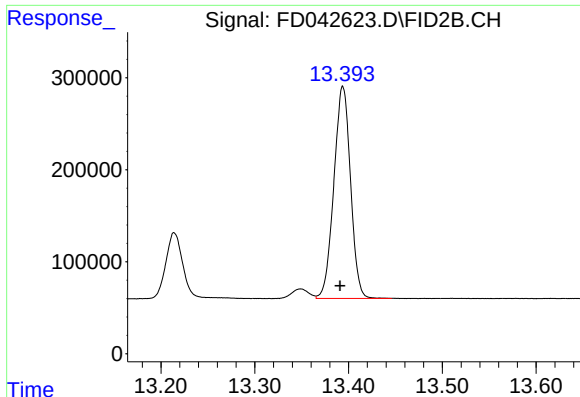
#11 n-Heneicosane (C21)

R.T.: 12.811 min
Delta R.T.: 0.002 min
Response: 2734663
Conc: 17.89 ug/ml



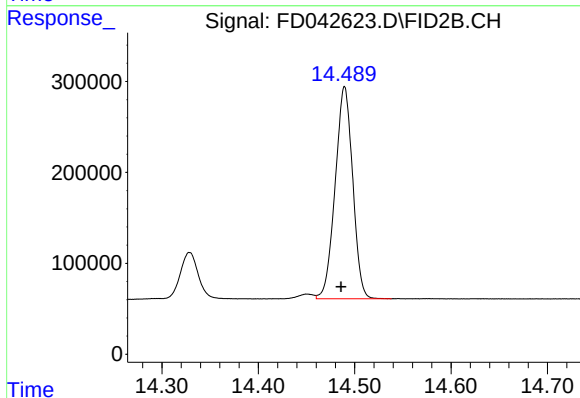
#12 1-chlorooctadecane (SURR)

R.T.: 12.641 min
Delta R.T.: 0.001 min
Response: 2303483
Conc: 17.86 ug/ml



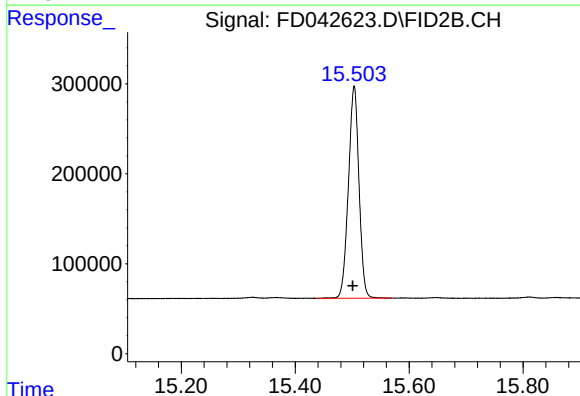
#13 n-Docosane (C22)

R.T.: 13.394 min
Delta R.T.: 0.003 min
Response: 2843445
Conc: 18.99 ug/ml



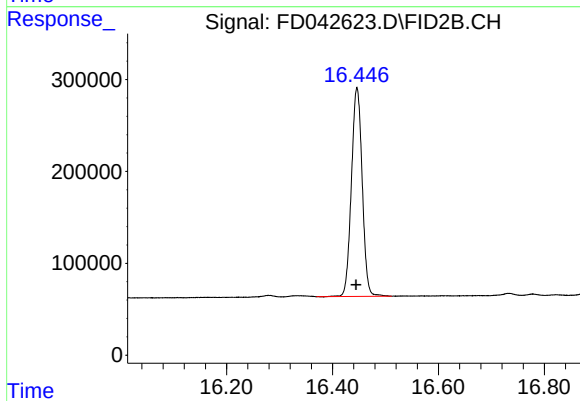
#14 n-Tetracosane (C24)

R.T.: 14.490 min
Delta R.T.: 0.004 min
Response: 2947942
Conc: 20.44 ug/ml



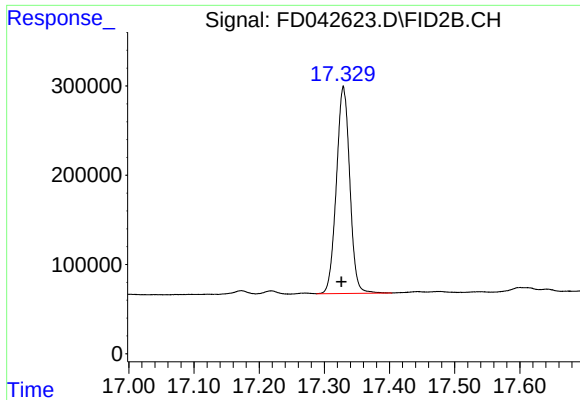
#15 n-Hexacosane (C26)

R.T.: 15.504 min
Delta R.T.: 0.003 min
Response: 3042206
Conc: 21.72 ug/ml



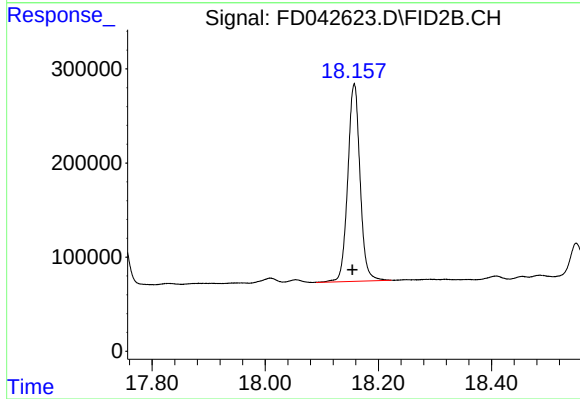
#16 n-Octacosane (C28)

R.T.: 16.446 min
Delta R.T.: 0.002 min
Response: 3213063
Conc: 23.57 ug/ml



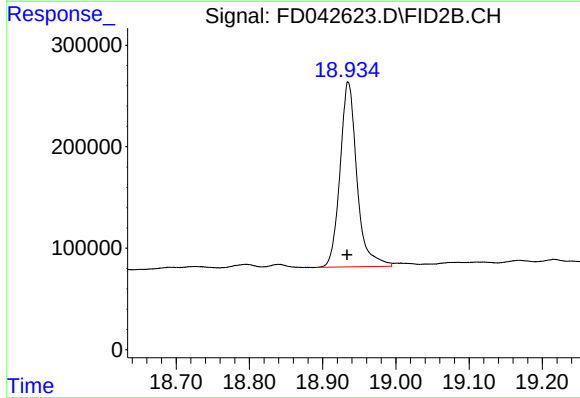
#17 n-Tricontane (C30)

R.T.: 17.329 min
Delta R.T.: 0.003 min
Response: 3315634
Conc: 24.90 ug/ml



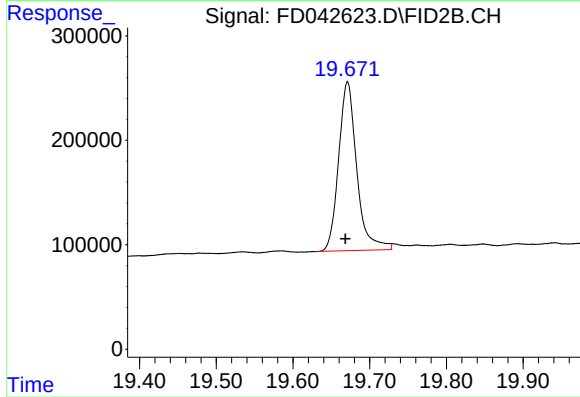
#18 n-Dotriacontane (C32)

R.T.: 18.157 min
Delta R.T.: 0.003 min
Response: 3166121
Conc: 24.88 ug/ml



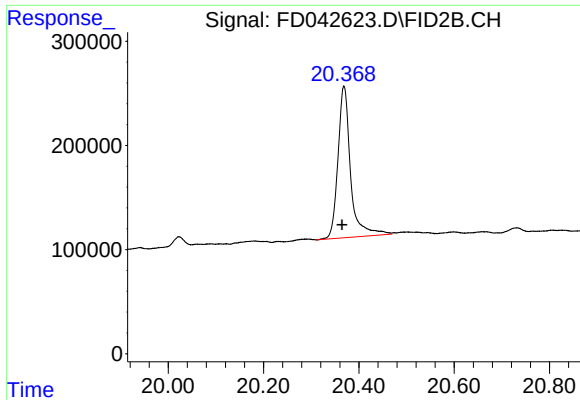
#19 n-Tetratriacontane (C34)

R.T.: 18.934 min
Delta R.T.: 0.000 min
Response: 2925144
Conc: 24.24 ug/ml m



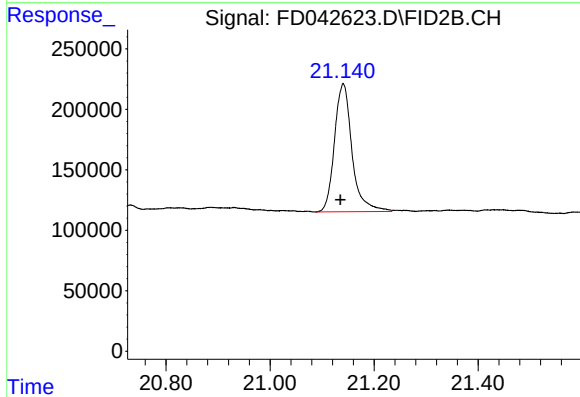
#20 n-Hexatriacontane (C36)

R.T.: 19.671 min
Delta R.T.: 0.003 min
Response: 2661849
Conc: 23.50 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 20.369 min
Delta R.T.: 0.004 min
Response: 2685230
Conc: 24.87 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.140 min
Delta R.T.: 0.005 min
Response: 2482838
Conc: 23.27 ug/ml m