

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD073119AL\
 Data File : FD029892.D
 Signal(s) : FID2B.CH
 Acq On : 31 Jul 2019 10:46
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Jul 31 17:38:37 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Alaphatic EPH 070919.M
 Quant Title : GC Extractables
 QLast Update : Wed Jul 10 08:45:46 2019
 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)	11.579	3016685	20.835 ug/ml
Spiked Amount 50.000		Recovery =	41.67%
12) S 1-chlorooctadecane (S...	13.003	2443045	20.572 ug/ml
Spiked Amount 50.000		Recovery =	41.14%
Target Compounds			
1) T n-Nonane (C9)	3.371	2736372	21.640 ug/ml
2) T n-Decane (C10)	4.436	2805703	21.843 ug/ml
3) T A~Naphthalene (C11.7)	6.017	3177549	21.708 ug/ml
4) T n-Dodecane (C12)	6.447	2824939	22.054 ug/ml
5) T A~2-methylnaphthalene...	7.069	3207012	21.792 ug/ml
6) T n-Tetradecane (C14)	8.233	2877861	22.337 ug/ml
7) T n-Hexadecane (C16)	9.826	2878719	22.098 ug/ml
8) T n-Octadecane (C18)	11.260	2868540	21.624 ug/ml
10) T n-Eicosane (C20)	12.561	2835244	21.018 ug/ml
11) T n-Heneicosane (C21)	13.169	2790608	20.670 ug/ml
13) T n-Docosane (C22)	13.751	2753907	20.294 ug/ml
14) T n-Tetracosane (C24)	14.846	2675938	19.636 ug/ml
15) T n-Hexacosane (C26)	15.860	2567544	19.024 ug/ml
16) T n-Octacosane (C28)	16.801	2499004	18.746 ug/ml
17) T n-Tricontane (C30)	17.681	2395171	18.813 ug/ml
18) T n-Dotriacontane (C32)	18.507	2209448	19.279 ug/ml
19) T n-Tetratriacontane (C34)	19.282	1877069	20.179 ug/ml
20) T n-Hexatriacontane (C36)	20.016	1694272	21.269 ug/ml
21) T n-Octatriacontane (C38)	20.733	1554433	22.079 ug/ml
22) T n-Tetracontane (C40)	21.612	1703523	21.739 ug/ml

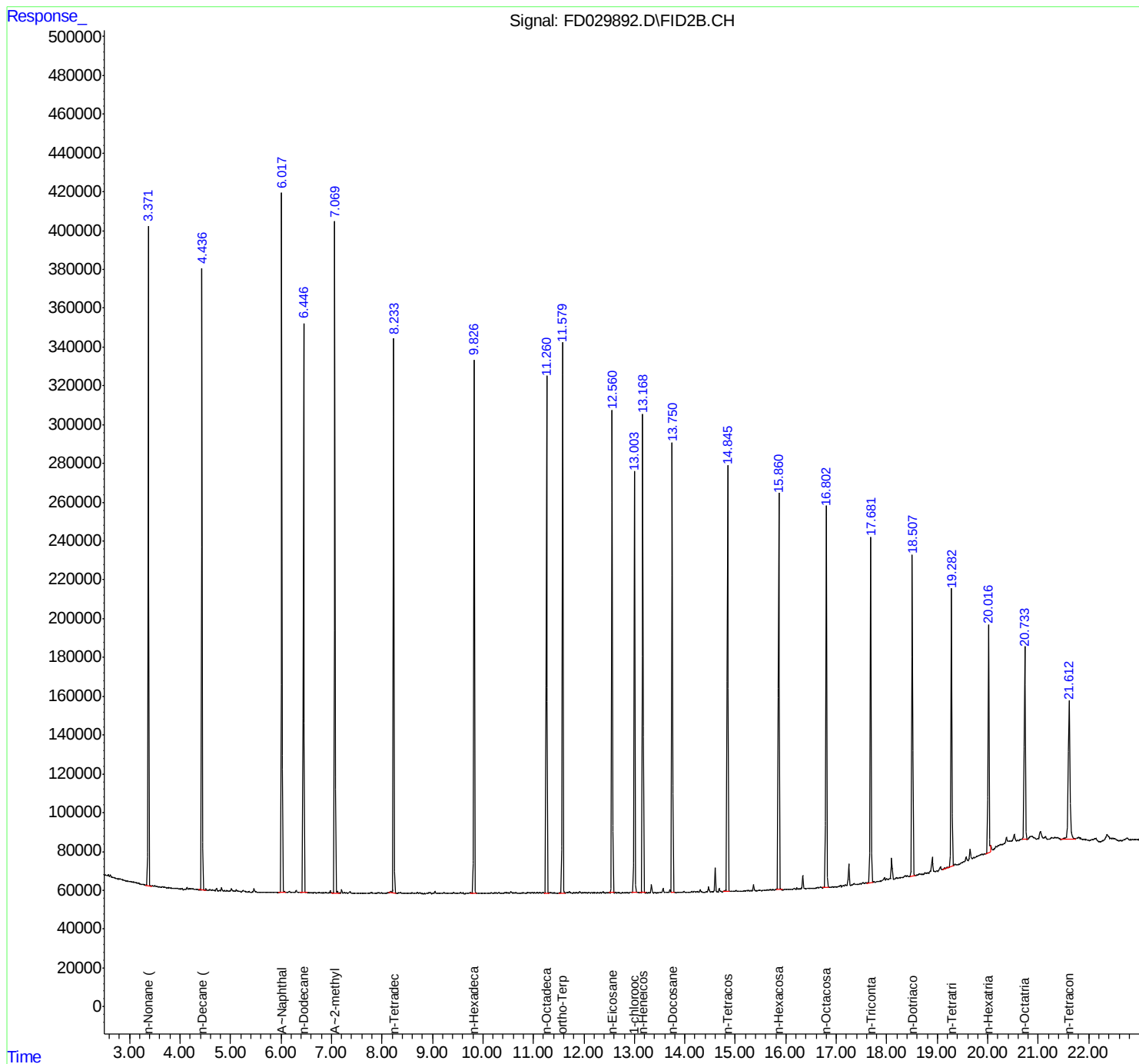
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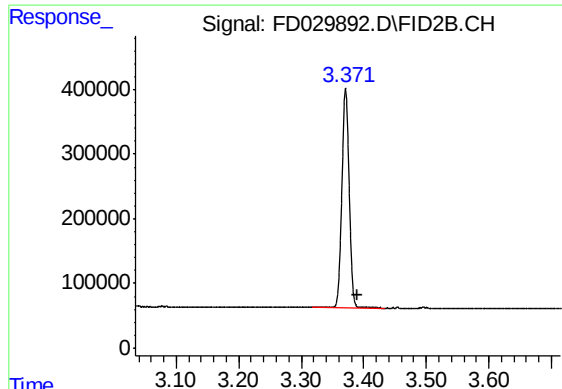
(m)=manual int.

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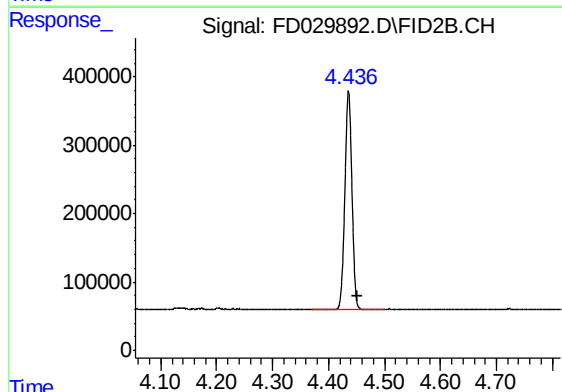
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Signal Info : 20M x 0.18mm x 0.18um





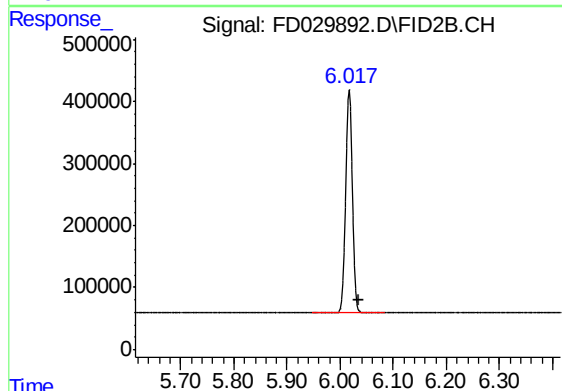
#1 n-Nonane (C9)

R.T.: 3.371 min
Delta R.T.: -0.018 min
Response: 2736372
Conc: 21.64 ug/ml



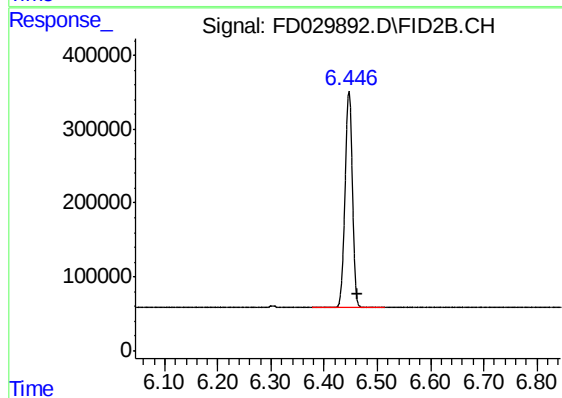
#2 n-Decane (C10)

R.T.: 4.436 min
Delta R.T.: -0.017 min
Response: 2805703
Conc: 21.84 ug/ml



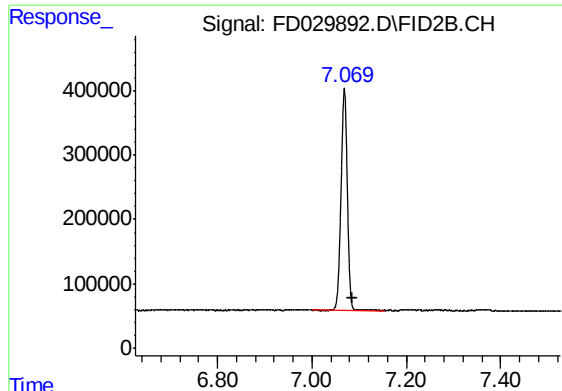
#3 A~Naphthalene (C11.7)

R.T.: 6.017 min
Delta R.T.: -0.018 min
Response: 3177549
Conc: 21.71 ug/ml



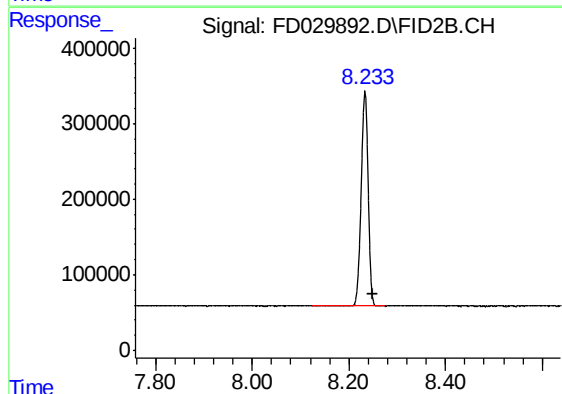
#4 n-Dodecane (C12)

R.T.: 6.447 min
Delta R.T.: -0.016 min
Response: 2824939
Conc: 22.05 ug/ml



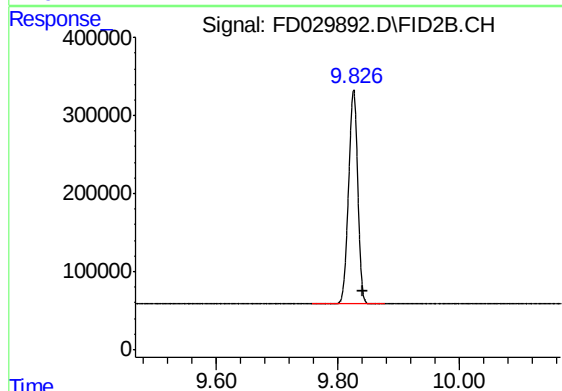
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.069 min
Delta R.T.: -0.016 min
Response: 3207012
Conc: 21.79 ug/ml



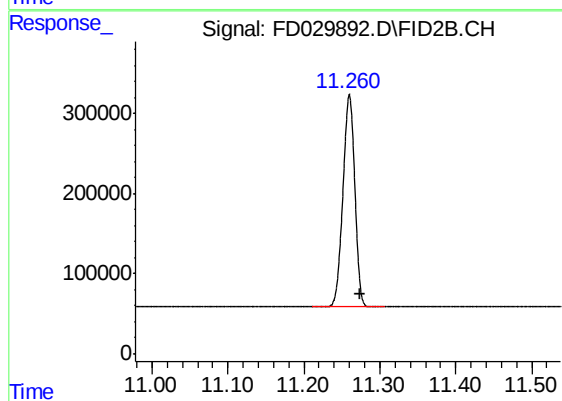
#6 n-Tetradecane (C14)

R.T.: 8.233 min
Delta R.T.: -0.015 min
Response: 2877861
Conc: 22.34 ug/ml



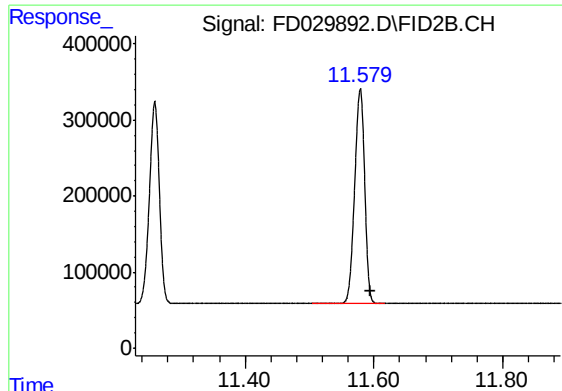
#7 n-Hexadecane (C16)

R.T.: 9.826 min
Delta R.T.: -0.015 min
Response: 2878719
Conc: 22.10 ug/ml



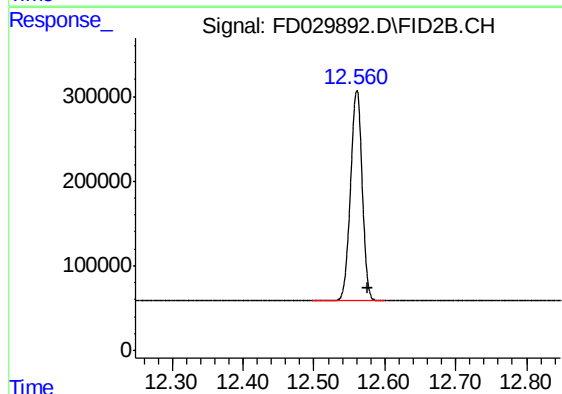
#8 n-Octadecane (C18)

R.T.: 11.260 min
Delta R.T.: -0.014 min
Response: 2868540
Conc: 21.62 ug/ml



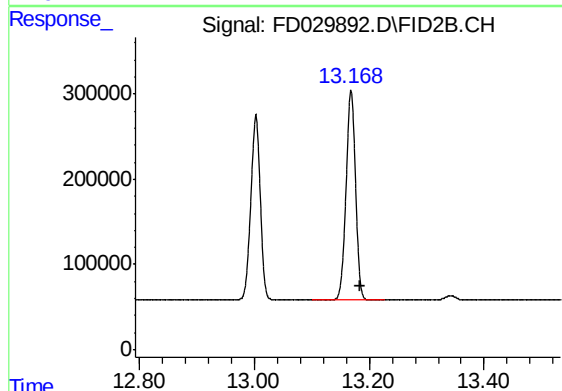
#9 ortho-Terphenyl (SURR)

R.T.: 11.579 min
Delta R.T.: -0.015 min
Response: 3016685
Conc: 20.83 ug/ml



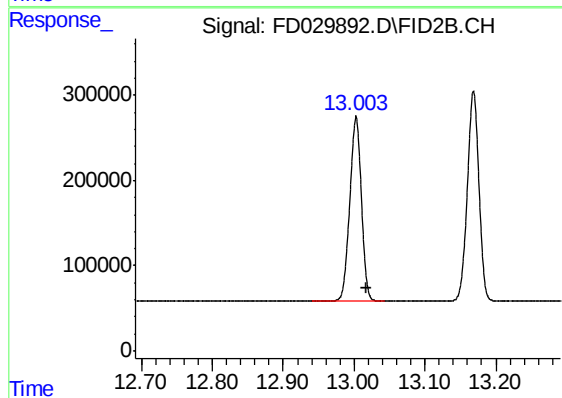
#10 n-Eicosane (C20)

R.T.: 12.561 min
Delta R.T.: -0.015 min
Response: 2835244
Conc: 21.02 ug/ml



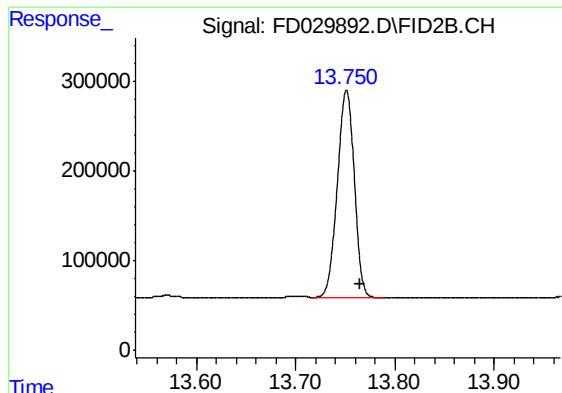
#11 n-Heneicosane (C21)

R.T.: 13.169 min
Delta R.T.: -0.015 min
Response: 2790608
Conc: 20.67 ug/ml



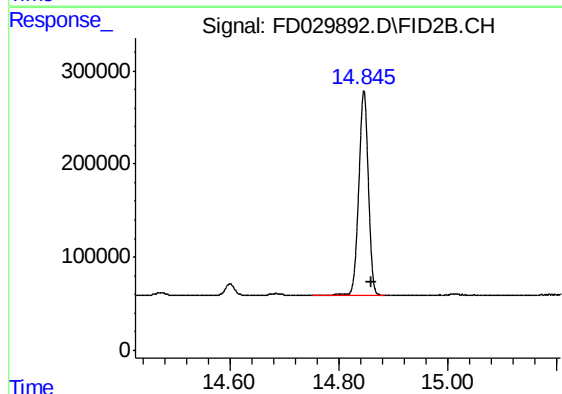
#12 1-chlorooctadecane (SURR)

R.T.: 13.003 min
Delta R.T.: -0.014 min
Response: 2443045
Conc: 20.57 ug/ml



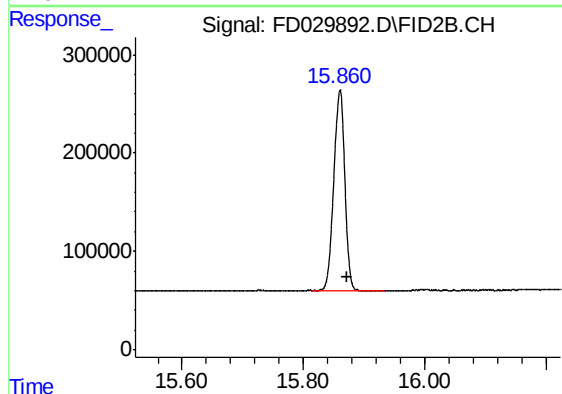
#13 n-Docosane (C22)

R.T.: 13.751 min
Delta R.T.: -0.014 min
Response: 2753907
Conc: 20.29 ug/ml



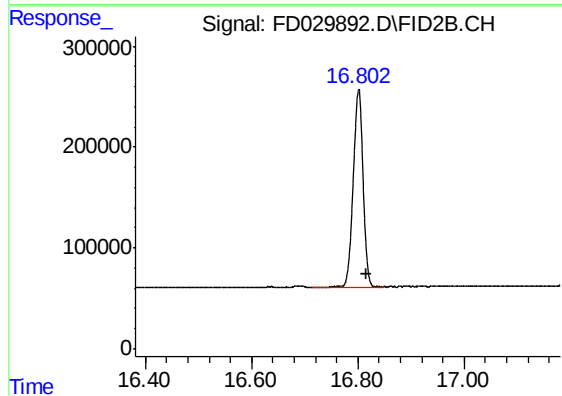
#14 n-Tetracosane (C24)

R.T.: 14.846 min
Delta R.T.: -0.014 min
Response: 2675938
Conc: 19.64 ug/ml



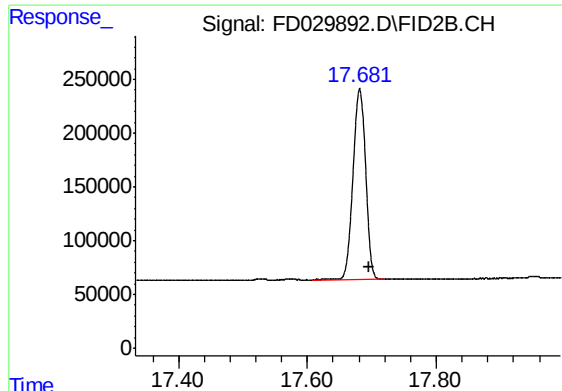
#15 n-Hexacosane (C26)

R.T.: 15.860 min
Delta R.T.: -0.013 min
Response: 2567544
Conc: 19.02 ug/ml



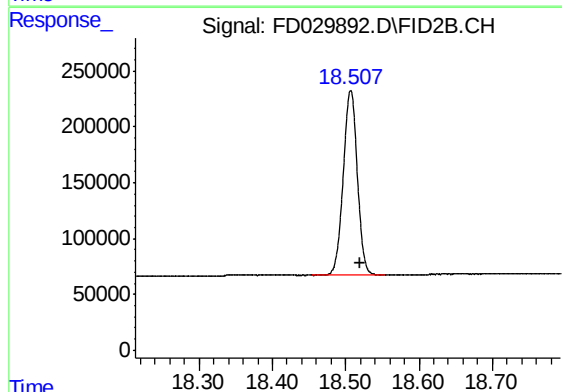
#16 n-Octacosane (C28)

R.T.: 16.801 min
Delta R.T.: -0.014 min
Response: 2499004
Conc: 18.75 ug/ml



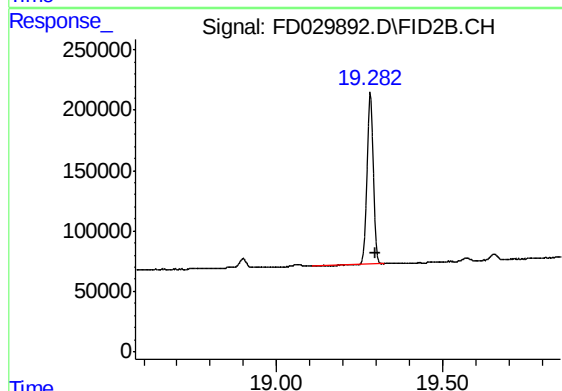
#17 n-Tricontane (C30)

R.T.: 17.681 min
Delta R.T.: -0.014 min
Response: 2395171
Conc: 18.81 ug/ml



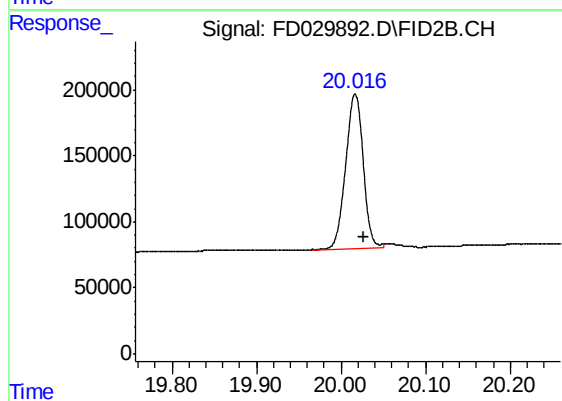
#18 n-Dotriacontane (C32)

R.T.: 18.507 min
Delta R.T.: -0.013 min
Response: 2209448
Conc: 19.28 ug/ml



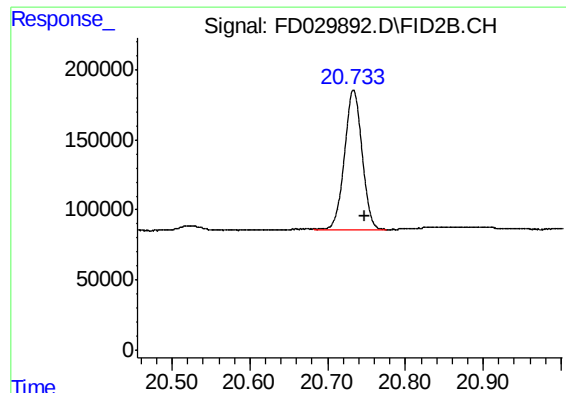
#19 n-Tetatriacontane (C34)

R.T.: 19.282 min
Delta R.T.: -0.014 min
Response: 1877069
Conc: 20.18 ug/ml



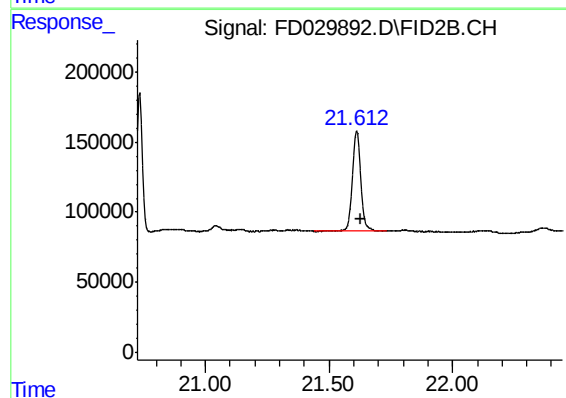
#20 n-Hexatriacontane (C36)

R.T.: 20.016 min
Delta R.T.: -0.012 min
Response: 1694272
Conc: 21.27 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 20.733 min
Delta R.T.: -0.015 min
Response: 1554433
Conc: 22.08 ug/ml m



#22 n-Tetracontane (C40)

R.T.: 21.612 min
Delta R.T.: -0.018 min
Response: 1703523
Conc: 21.74 ug/ml