

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD052721AL\
 Data File : FD037619.D
 Signal(s) : FID2B.CH
 Acq On : 27 May 2021 11:25
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: sample.E
 Quant Time: May 28 01:16:07 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Alaphatic EPH 051321.M
 Quant Title : GC Extractables
 QLast Update : Fri May 14 02:07:09 2021
 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)	11.458	2407917	20.533 ug/ml
Spiked Amount 50.000		Recovery =	41.07%
12) S 1-chlorooctadecane (S...	12.893	1850173	20.361 ug/ml
Spiked Amount 50.000		Recovery =	40.72%
Target Compounds			
1) T n-Nonane (C9)	3.256	2246024	22.260 ug/ml
2) T n-Decane (C10)	4.319	2271754	22.391 ug/ml
3) T A~Naphthalene (C11.7)	5.894	2518463	22.117 ug/ml
4) T n-Dodecane (C12)	6.330	2299044	22.239 ug/ml
5) T A~2-methylnaphthalene...	6.947	2542966	21.966 ug/ml
6) T n-Tetradecane (C14)	8.117	2286291	21.936 ug/ml
7) T n-Hexadecane (C16)	9.711	2230697	21.619 ug/ml
8) T n-Octadecane (C18)	11.147	2284036	21.140 ug/ml
10) T n-Eicosane (C20)	12.451	2260522	20.742 ug/ml
11) T n-Heneicosane (C21)	13.060	2233641	20.518 ug/ml
13) T n-Docosane (C22)	13.643	2252355	20.734 ug/ml
14) T n-Tetracosane (C24)	14.742	2314422	21.360 ug/ml
15) T n-Hexacosane (C26)	15.758	2291960	21.517 ug/ml
16) T n-Octacosane (C28)	16.703	2325533	21.949 ug/ml
17) T n-Tricontane (C30)	17.586	2394294	22.742 ug/ml
18) T n-Dotriacontane (C32)	18.414	2368262	22.736 ug/ml
19) T n-Tetratriacontane (C34)	19.193	2253115	22.167 ug/ml
20) T n-Hexatriacontane (C36)	19.929	2141125	21.951 ug/mlm
21) T n-Octatriacontane (C38)	20.639	2035233	22.138 ug/ml
22) T n-Tetracontane (C40)	21.482	2063131	21.425 ug/ml

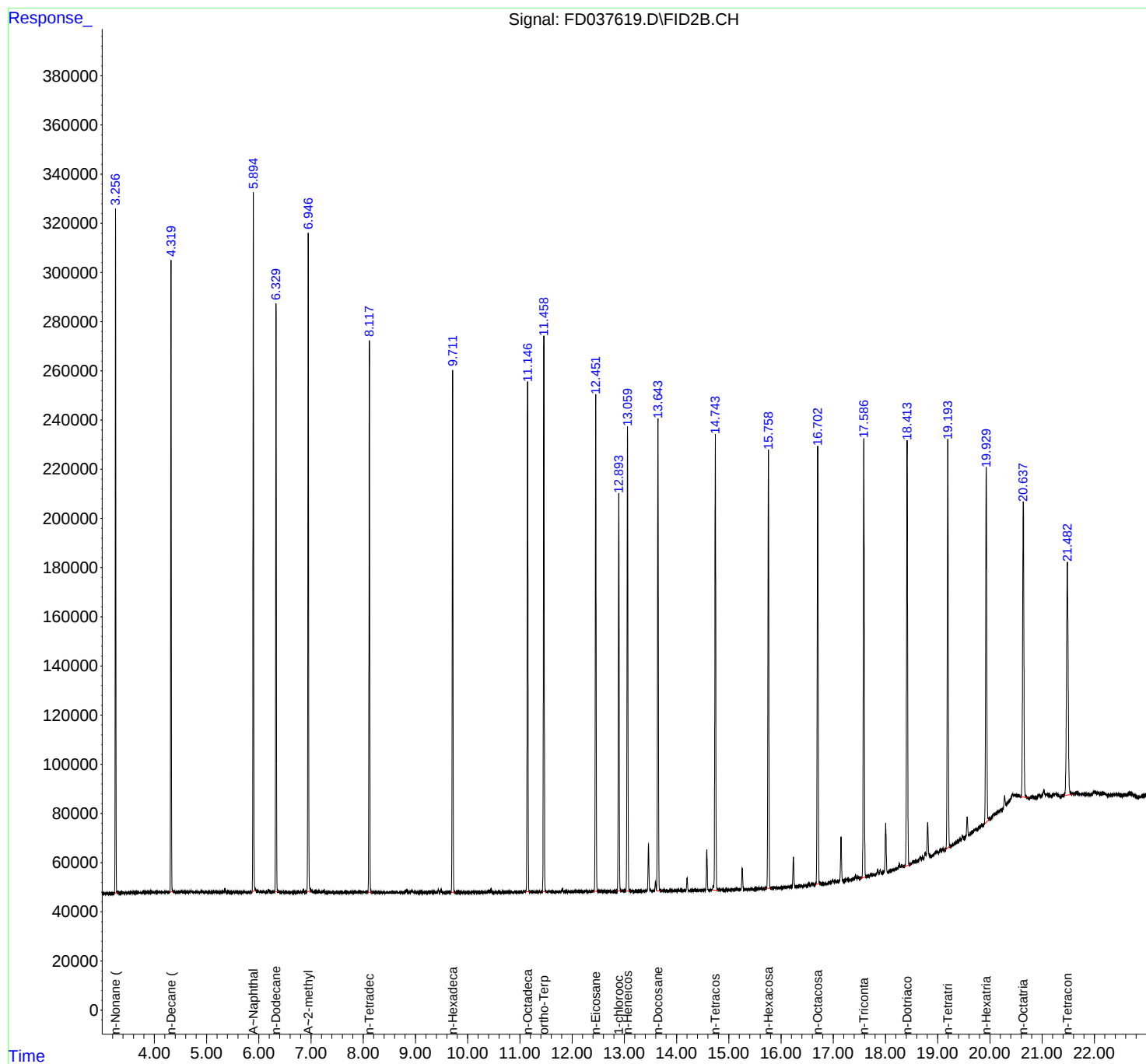
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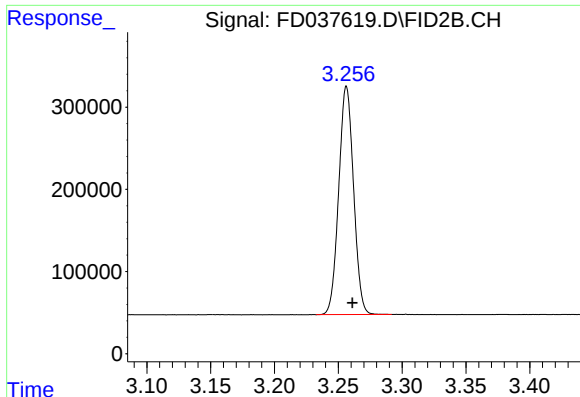
(m)=manual int.

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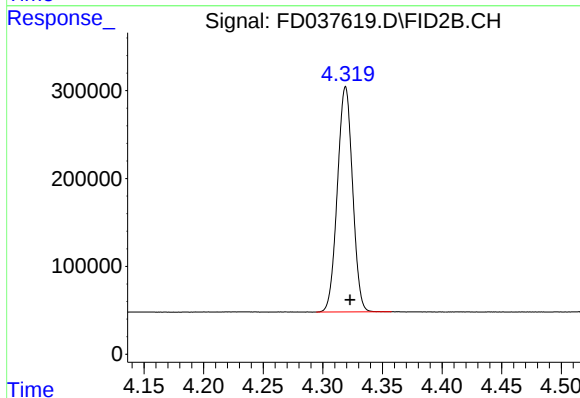
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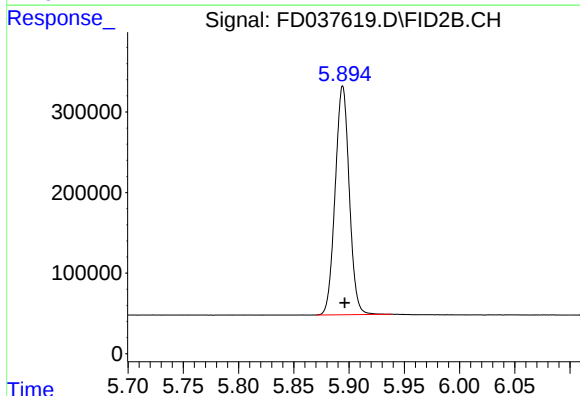
#1 n-Nonane (C9)

R.T.: 3.256 min
Delta R.T.: -0.005 min
Response: 2246024
Conc: 22.26 ug/ml



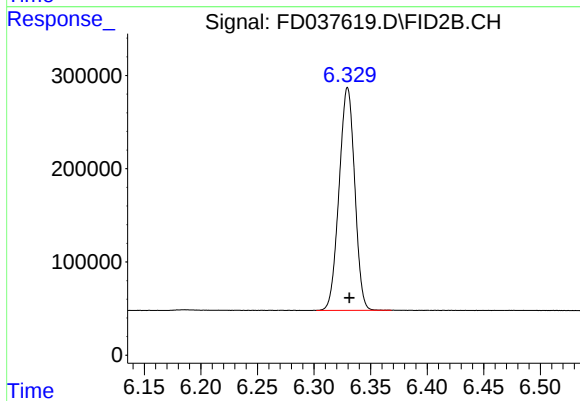
#2 n-Decane (C10)

R.T.: 4.319 min
Delta R.T.: -0.004 min
Response: 2271754
Conc: 22.39 ug/ml



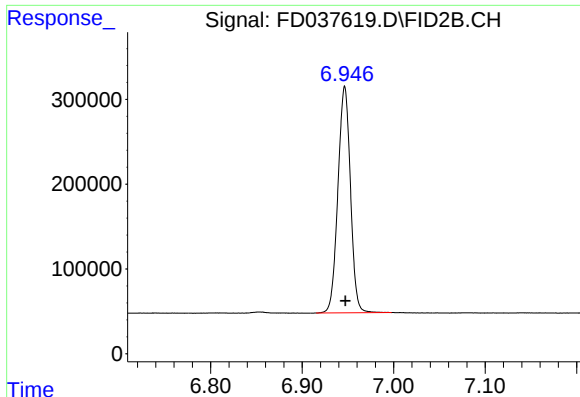
#3 A~Naphthalene (C11.7)

R.T.: 5.894 min
Delta R.T.: -0.002 min
Response: 2518463
Conc: 22.12 ug/ml



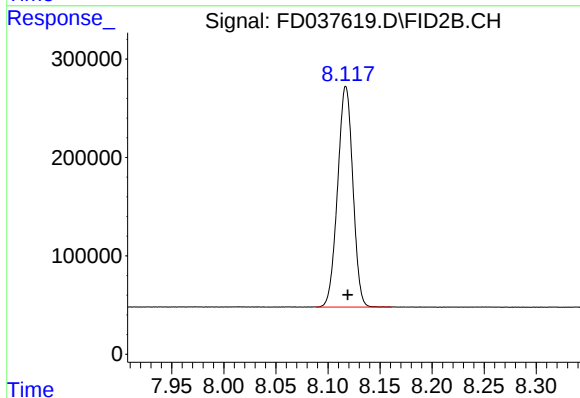
#4 n-Dodecane (C12)

R.T.: 6.330 min
Delta R.T.: -0.001 min
Response: 2299044
Conc: 22.24 ug/ml



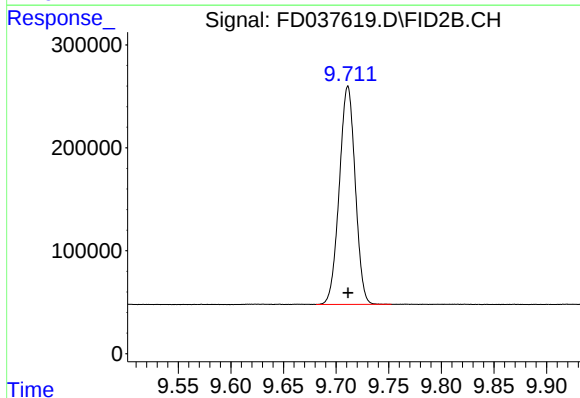
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.947 min
Delta R.T.: 0.000 min
Response: 2542966
Conc: 21.97 ug/ml



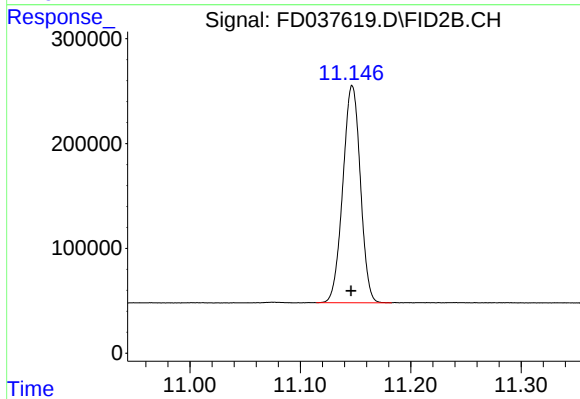
#6 n-Tetradecane (C14)

R.T.: 8.117 min
Delta R.T.: -0.002 min
Response: 2286291
Conc: 21.94 ug/ml



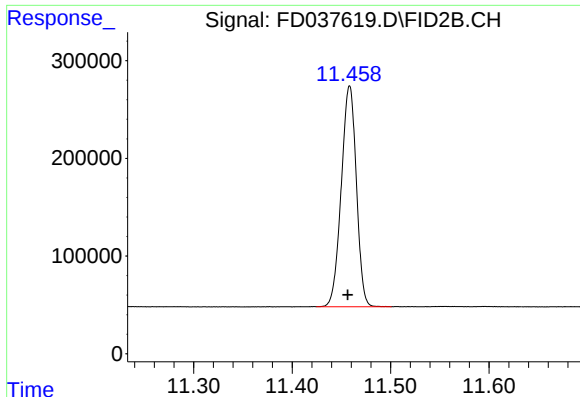
#7 n-Hexadecane (C16)

R.T.: 9.711 min
Delta R.T.: 0.000 min
Response: 2230697
Conc: 21.62 ug/ml



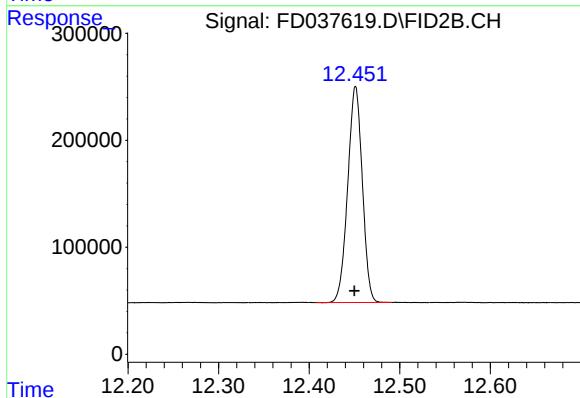
#8 n-Octadecane (C18)

R.T.: 11.147 min
Delta R.T.: 0.001 min
Response: 2284036
Conc: 21.14 ug/ml



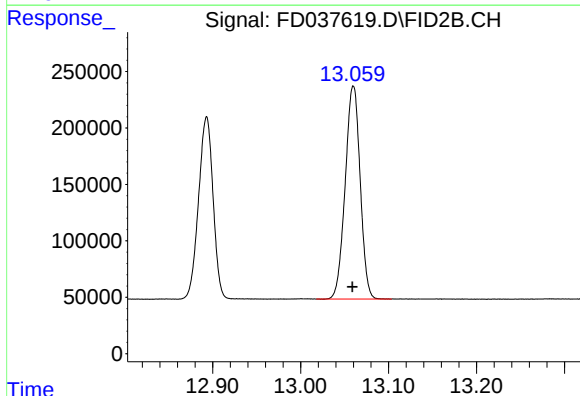
#9 ortho-Terphenyl (SURR)

R.T.: 11.458 min
Delta R.T.: 0.002 min
Response: 2407917
Conc: 20.53 ug/ml



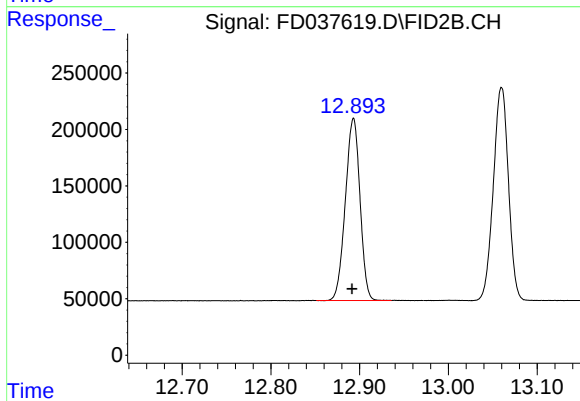
#10 n-Eicosane (C20)

R.T.: 12.451 min
Delta R.T.: 0.001 min
Response: 2260522
Conc: 20.74 ug/ml



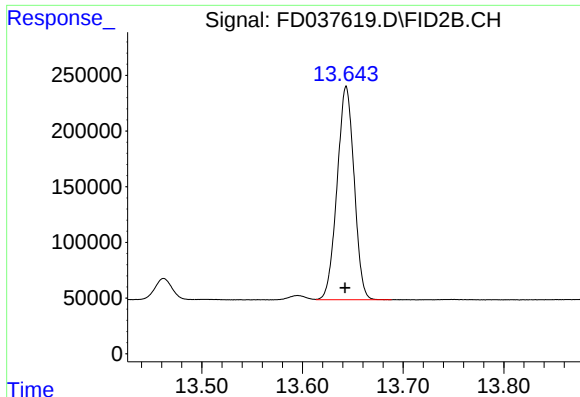
#11 n-Heneicosane (C21)

R.T.: 13.060 min
Delta R.T.: 0.001 min
Response: 2233641
Conc: 20.52 ug/ml



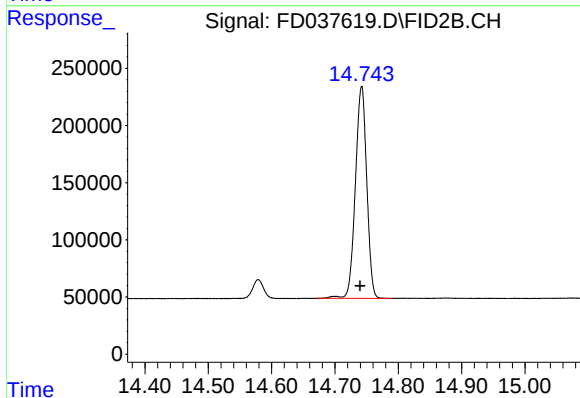
#12 1-chlorooctadecane (SURR)

R.T.: 12.893 min
Delta R.T.: 0.002 min
Response: 1850173
Conc: 20.36 ug/ml



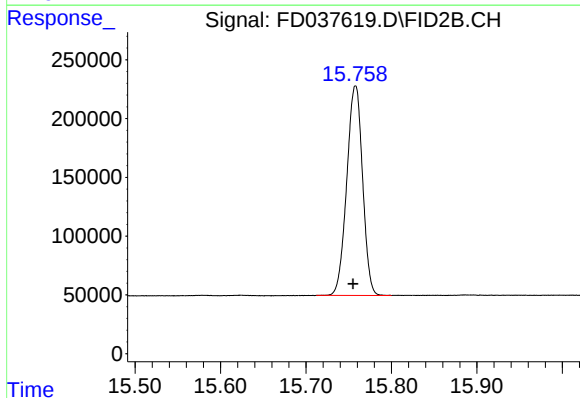
#13 n-Docosane (C22)

R.T.: 13.643 min
Delta R.T.: 0.001 min
Response: 2252355
Conc: 20.73 ug/ml



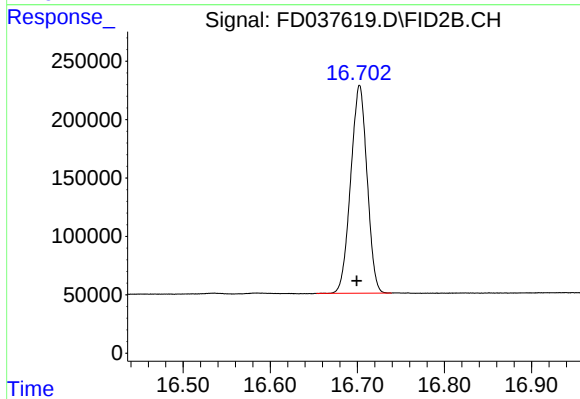
#14 n-Tetracosane (C24)

R.T.: 14.742 min
Delta R.T.: 0.002 min
Response: 2314422
Conc: 21.36 ug/ml



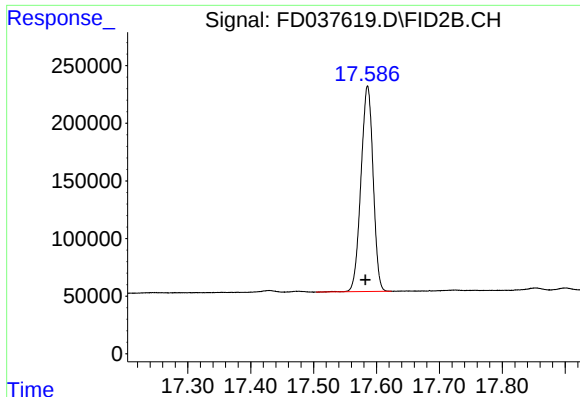
#15 n-Hexacosane (C26)

R.T.: 15.758 min
Delta R.T.: 0.003 min
Response: 2291960
Conc: 21.52 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.703 min
Delta R.T.: 0.003 min
Response: 2325533
Conc: 21.95 ug/ml



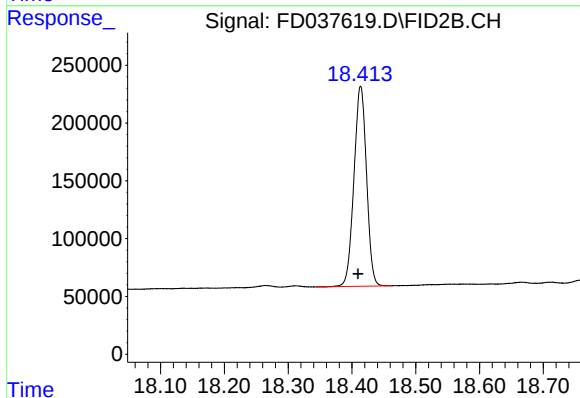
#17 n-Tricontane (C30)

R.T.: 17.586 min

Delta R.T.: 0.004 min

Response: 2394294

Conc: 22.74 ug/ml



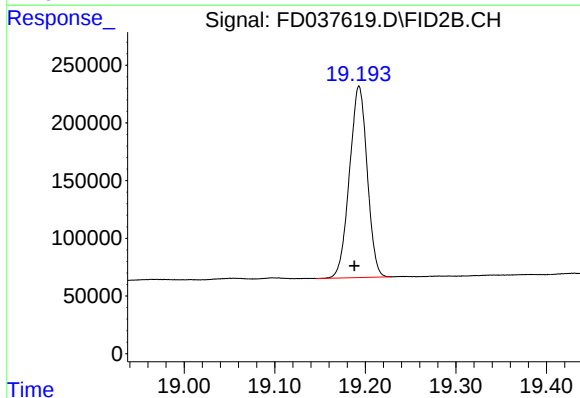
#18 n-Dotriacontane (C32)

R.T.: 18.414 min

Delta R.T.: 0.004 min

Response: 2368262

Conc: 22.74 ug/ml



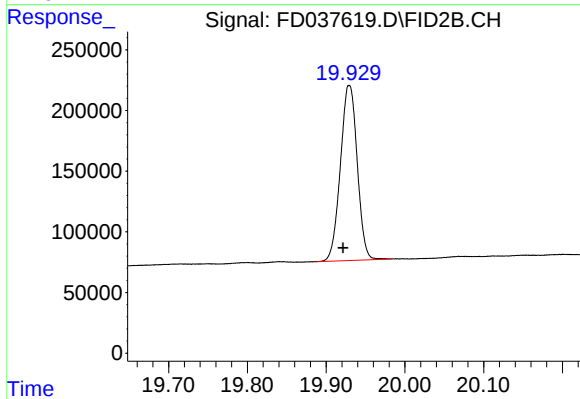
#19 n-Tetratriacontane (C34)

R.T.: 19.193 min

Delta R.T.: 0.005 min

Response: 2253115

Conc: 22.17 ug/ml



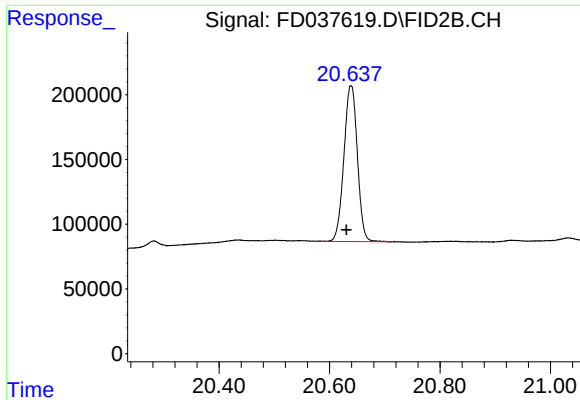
#20 n-Hexatriacontane (C36)

R.T.: 19.929 min

Delta R.T.: 0.007 min

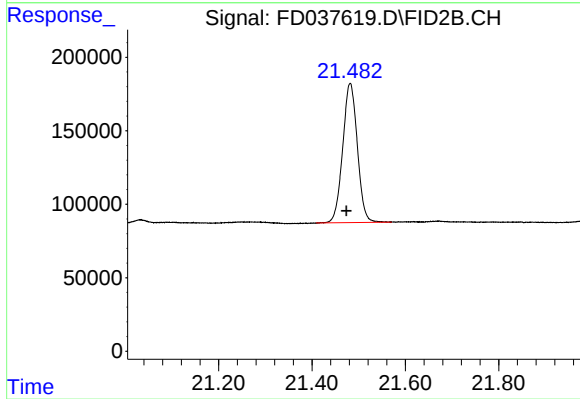
Response: 2141125

Conc: 21.95 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 20.639 min
Delta R.T.: 0.008 min
Response: 2035233
Conc: 22.14 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.482 min
Delta R.T.: 0.008 min
Response: 2063131
Conc: 21.43 ug/ml