

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD052621AL\
 Data File : FD037616.D
 Signal(s) : FID2B.CH
 Acq On : 27 May 2021 9:29
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: May 27 09:59:10 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Alaphatic EPH 051321.M
 Quant Title : GC Extractables
 QLast Update : Fri May 14 02:07:10 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)	11.459	2408636	20.540 ug/ml
Spiked Amount 50.000		Recovery =	41.08%
12) S 1-chlorooctadecane (S...	12.894	1848848	20.347 ug/ml
Spiked Amount 50.000		Recovery =	40.69%
Target Compounds			
1) T n-Nonane (C9)	3.257	2263223	22.430 ug/ml
2) T n-Decane (C10)	4.319	2290236	22.573 ug/ml
3) T A~Naphthalene (C11.7)	5.894	2538193	22.291 ug/ml
4) T n-Dodecane (C12)	6.330	2319318	22.435 ug/ml
5) T A~2-methylnaphthalene...	6.947	2563711	22.145 ug/ml
6) T n-Tetradecane (C14)	8.118	2301873	22.086 ug/ml
7) T n-Hexadecane (C16)	9.712	2238470	21.694 ug/ml
8) T n-Octadecane (C18)	11.148	2286316	21.161 ug/ml
10) T n-Eicosane (C20)	12.451	2259857	20.736 ug/ml
11) T n-Heneicosane (C21)	13.061	2229912	20.483 ug/ml
13) T n-Docosane (C22)	13.645	2241807	20.636 ug/ml
14) T n-Tetracosane (C24)	14.742	2295745	21.187 ug/ml
15) T n-Hexacosane (C26)	15.758	2278297	21.389 ug/ml
16) T n-Octacosane (C28)	16.704	2316463	21.864 ug/ml
17) T n-Tricontane (C30)	17.588	2382012	22.626 ug/ml
18) T n-Dotriacontane (C32)	18.416	2374440	22.796 ug/ml
19) T n-Tetratriacontane (C34)	19.194	2258399	22.219 ug/ml
20) T n-Hexatriacontane (C36)	19.929	2155662	22.100 ug/mlm
21) T n-Octatriacontane (C38)	20.640	2034753	22.133 ug/mlm
22) T n-Tetracontane (C40)	21.485	2088819	21.692 ug/ml

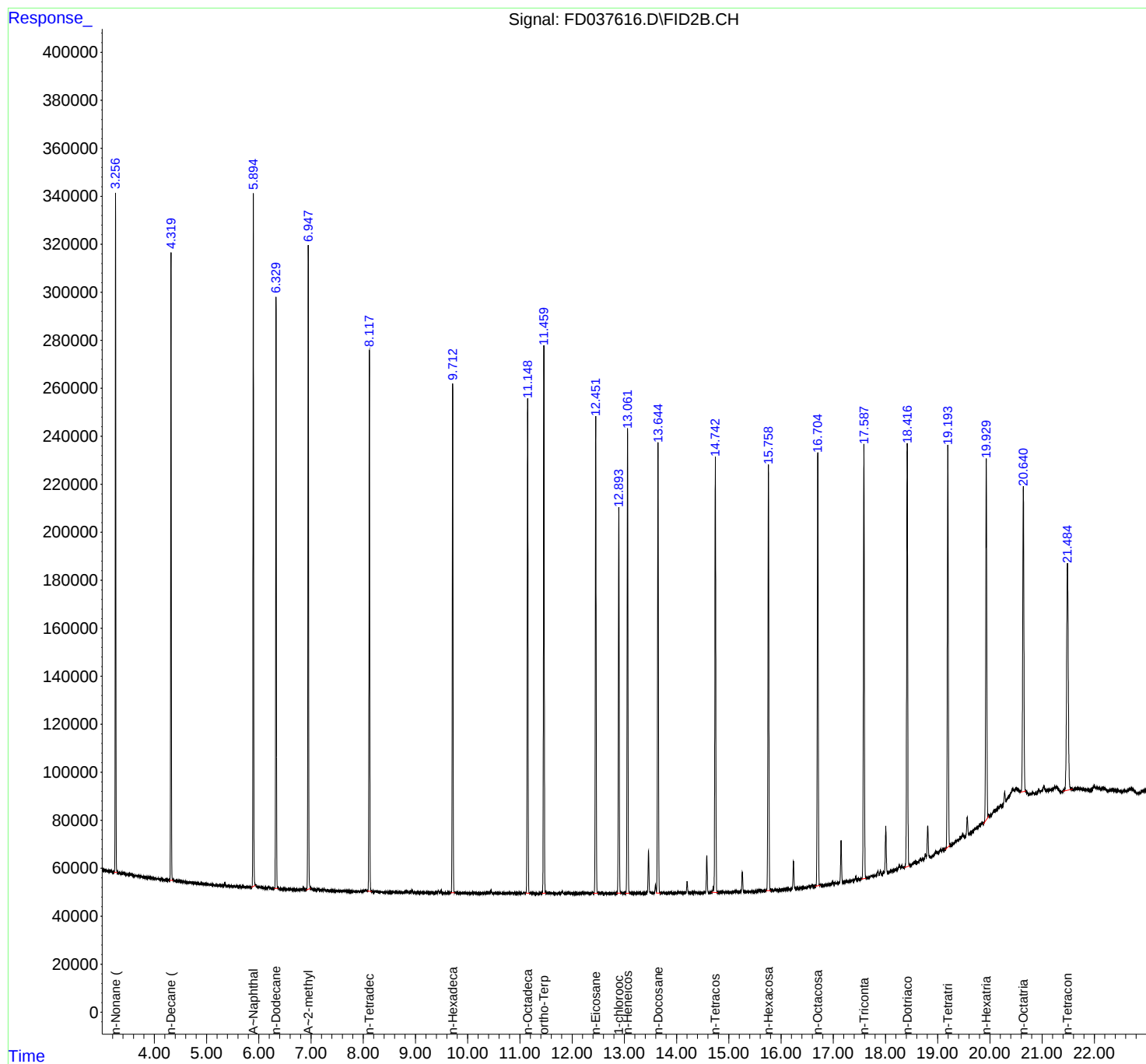
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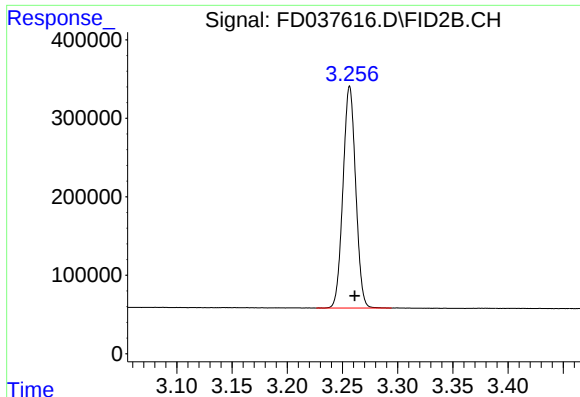
(m)=manual int.

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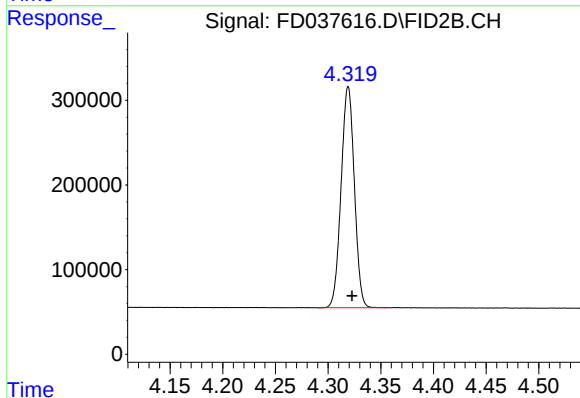
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Signal Info : 20M x 0.18mm x 0.18um





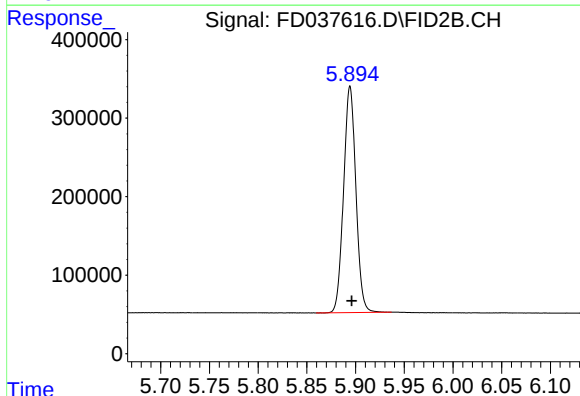
#1 n-Nonane (C9)

R.T.: 3.257 min
Delta R.T.: -0.004 min
Response: 2263223
Conc: 22.43 ug/ml



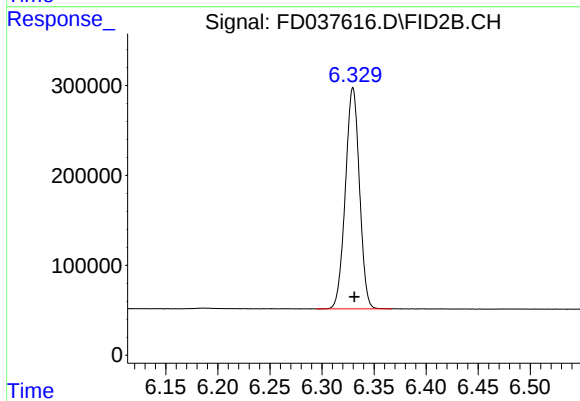
#2 n-Decane (C10)

R.T.: 4.319 min
Delta R.T.: -0.004 min
Response: 2290236
Conc: 22.57 ug/ml



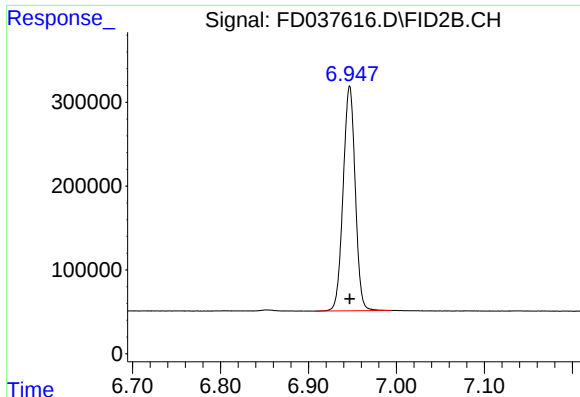
#3 A~Naphthalene (C11.7)

R.T.: 5.894 min
Delta R.T.: -0.002 min
Response: 2538193
Conc: 22.29 ug/ml



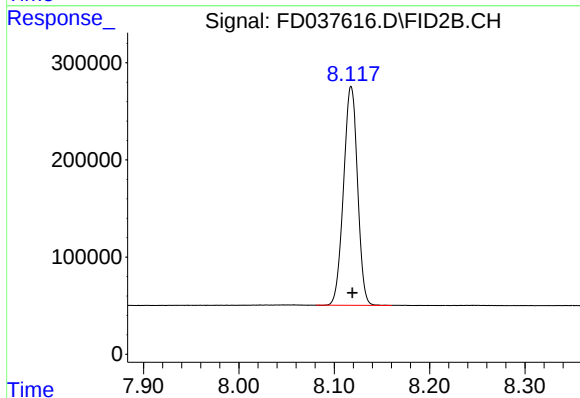
#4 n-Dodecane (C12)

R.T.: 6.330 min
Delta R.T.: -0.001 min
Response: 2319318
Conc: 22.43 ug/ml



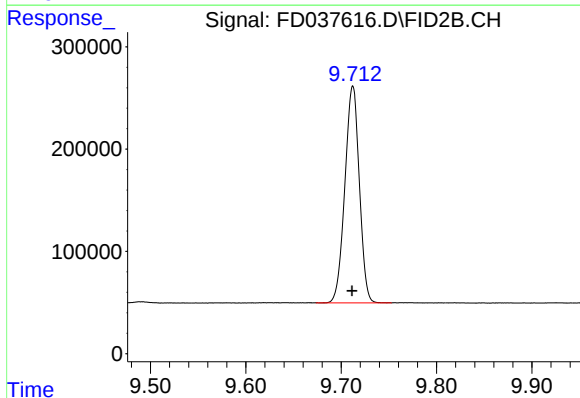
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.947 min
Delta R.T.: 0.000 min
Response: 2563711
Conc: 22.14 ug/ml



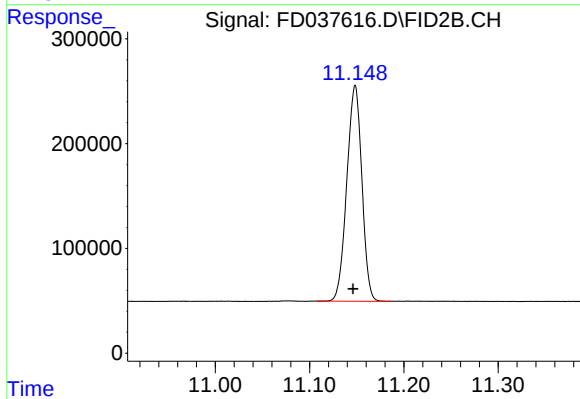
#6 n-Tetradecane (C14)

R.T.: 8.118 min
Delta R.T.: -0.001 min
Response: 2301873
Conc: 22.09 ug/ml



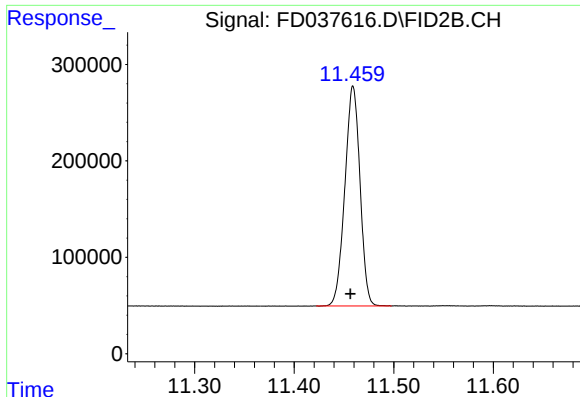
#7 n-Hexadecane (C16)

R.T.: 9.712 min
Delta R.T.: 0.000 min
Response: 2238470
Conc: 21.69 ug/ml



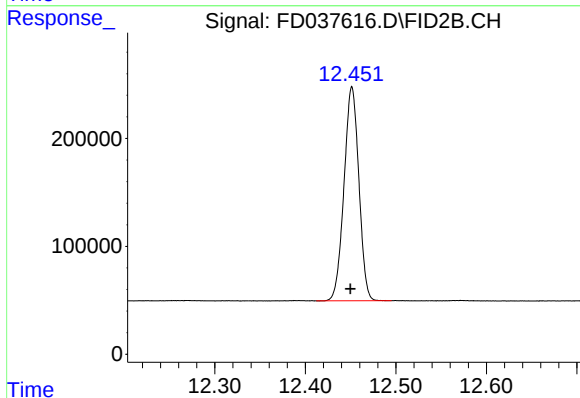
#8 n-Octadecane (C18)

R.T.: 11.148 min
Delta R.T.: 0.002 min
Response: 2286316
Conc: 21.16 ug/ml



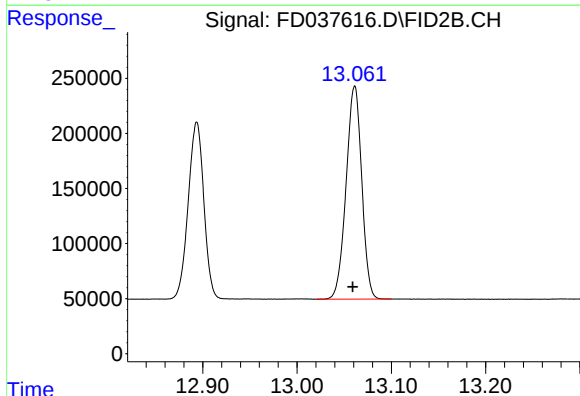
#9 ortho-Terphenyl (SURR)

R.T.: 11.459 min
Delta R.T.: 0.003 min
Response: 2408636
Conc: 20.54 ug/ml



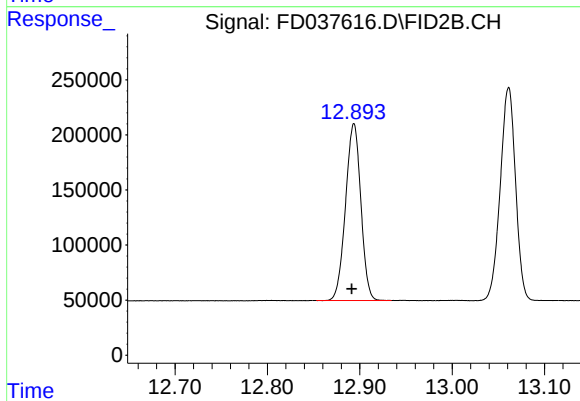
#10 n-Eicosane (C20)

R.T.: 12.451 min
Delta R.T.: 0.002 min
Response: 2259857
Conc: 20.74 ug/ml



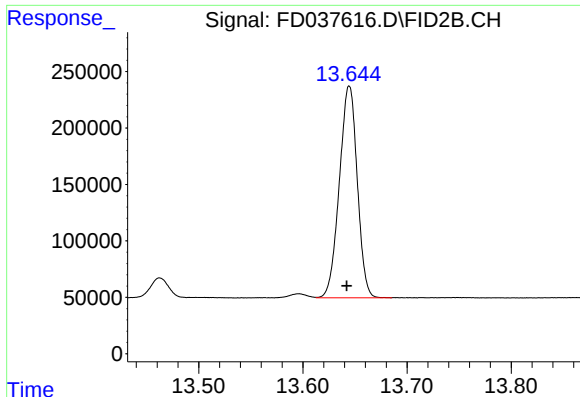
#11 n-Heneicosane (C21)

R.T.: 13.061 min
Delta R.T.: 0.002 min
Response: 2229912
Conc: 20.48 ug/ml



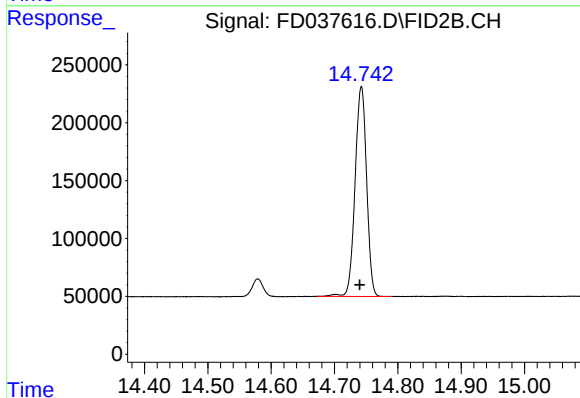
#12 1-chlorooctadecane (SURR)

R.T.: 12.894 min
Delta R.T.: 0.002 min
Response: 1848848
Conc: 20.35 ug/ml



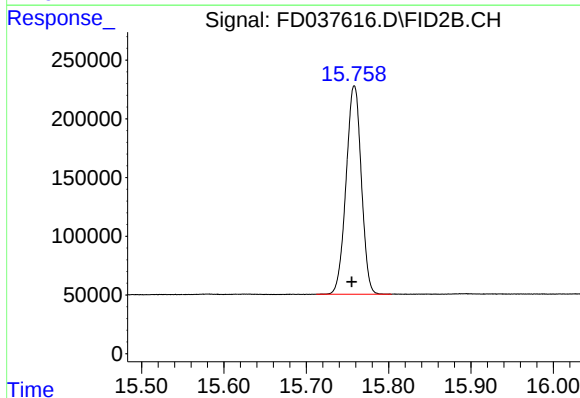
#13 n-Docosane (C22)

R.T.: 13.645 min
Delta R.T.: 0.002 min
Response: 2241807
Conc: 20.64 ug/ml



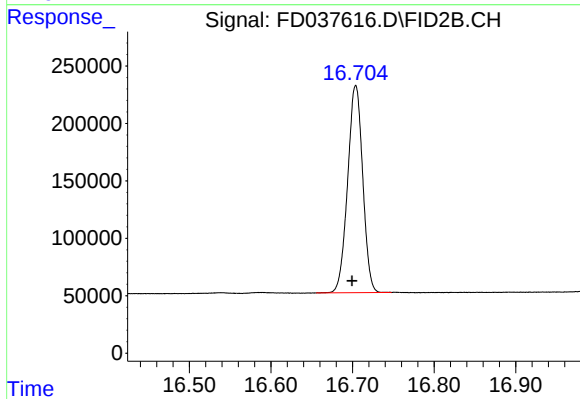
#14 n-Tetracosane (C24)

R.T.: 14.742 min
Delta R.T.: 0.003 min
Response: 2295745
Conc: 21.19 ug/ml



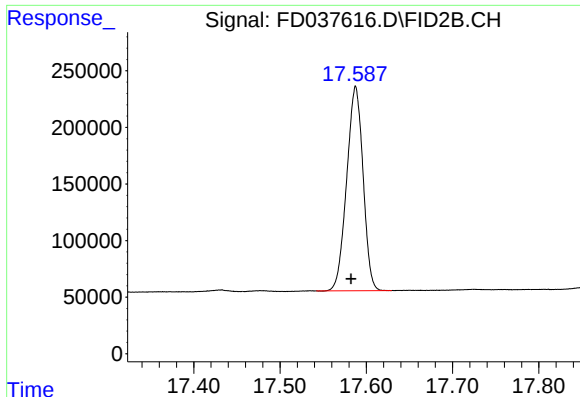
#15 n-Hexacosane (C26)

R.T.: 15.758 min
Delta R.T.: 0.003 min
Response: 2278297
Conc: 21.39 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.704 min
Delta R.T.: 0.005 min
Response: 2316463
Conc: 21.86 ug/ml



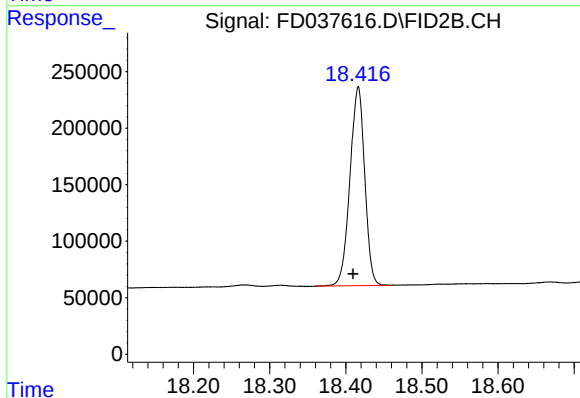
#17 n-Tricontane (C30)

R.T.: 17.588 min

Delta R.T.: 0.005 min

Response: 2382012

Conc: 22.63 ug/ml



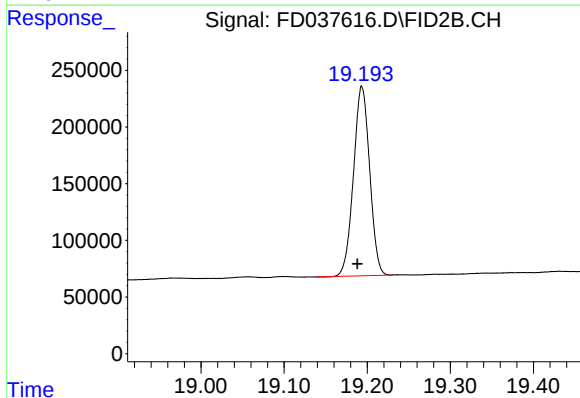
#18 n-Dotriacontane (C32)

R.T.: 18.416 min

Delta R.T.: 0.007 min

Response: 2374440

Conc: 22.80 ug/ml



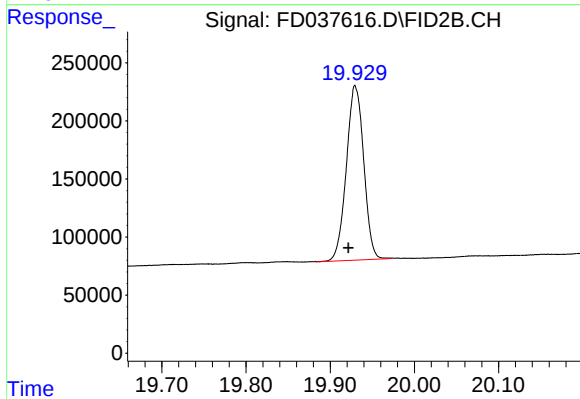
#19 n-Tetratriacontane (C34)

R.T.: 19.194 min

Delta R.T.: 0.005 min

Response: 2258399

Conc: 22.22 ug/ml



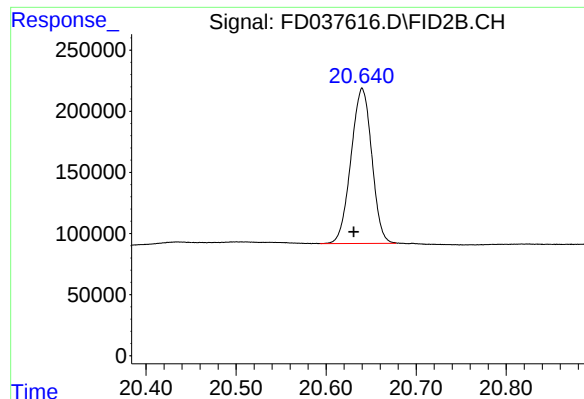
#20 n-Hexatriacontane (C36)

R.T.: 19.929 min

Delta R.T.: 0.008 min

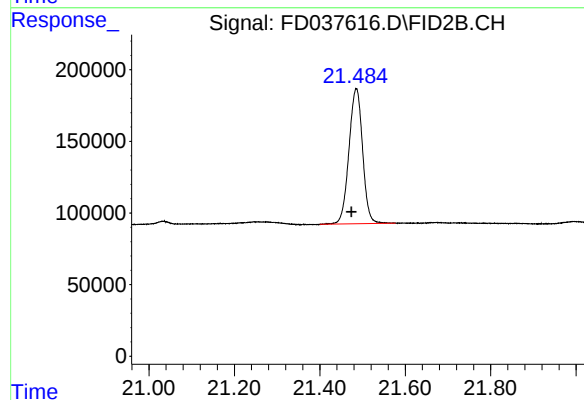
Response: 2155662

Conc: 22.10 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 20.640 min
Delta R.T.: 0.009 min
Response: 2034753
Conc: 22.13 ug/ml m



#22 n-Tetracontane (C40)

R.T.: 21.485 min
Delta R.T.: 0.012 min
Response: 2088819
Conc: 21.69 ug/ml