

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD102819AL\
 Data File : FD031239.D
 Signal(s) : FID2B.CH
 Acq On : 28 Oct 2019 9:46
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Oct 29 08:13:49 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Alaphatic EPH 101419.M
 Quant Title : GC Extractables
 QLast Update : Tue Oct 15 07:46:23 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)	11.426	2525393	20.136 ug/ml
Spiked Amount 50.000		Recovery =	40.27%
12) S 1-chlorooctadecane (S...	12.856	1883661	20.118 ug/ml
Spiked Amount 50.000		Recovery =	40.24%
Target Compounds			
1) T n-Nonane (C9)	3.254	2384813	22.799 ug/ml
2) T n-Decane (C10)	4.308	2410931	22.999 ug/ml
3) T A~Naphthalene (C11.7)	5.878	2580701	22.522 ug/ml
4) T n-Dodecane (C12)	6.311	2440503	22.817 ug/ml
5) T A~2-methylnaphthalene...	6.927	2533315	21.976 ug/ml
6) T n-Tetradecane (C14)	8.094	2404584	22.358 ug/ml
7) T n-Hexadecane (C16)	9.684	2368465	21.993 ug/ml
8) T n-Octadecane (C18)	11.116	2313642	21.162 ug/ml
10) T n-Eicosane (C20)	12.415	2248537	20.564 ug/ml
11) T n-Heneicosane (C21)	13.023	2230560	20.295 ug/ml
13) T n-Docosane (C22)	13.605	2183780	19.968 ug/ml
14) T n-Tetracosane (C24)	14.701	2125485	19.462 ug/ml
15) T n-Hexacosane (C26)	15.713	2065007	19.081 ug/ml
16) T n-Octacosane (C28)	16.655	2057454	19.165 ug/ml
17) T n-Tricontane (C30)	17.535	2069345	19.426 ug/ml
18) T n-Dotriacontane (C32)	18.360	2008475	19.510 ug/ml
19) T n-Tetratriacontane (C34)	19.137	1998196	20.333 ug/ml
20) T n-Hexatriacontane (C36)	19.870	1897736	20.601 ug/ml
21) T n-Octatriacontane (C38)	20.571	1866136	21.564 ug/ml
22) T n-Tetracontane (C40)	21.399	2089100	23.511 ug/ml

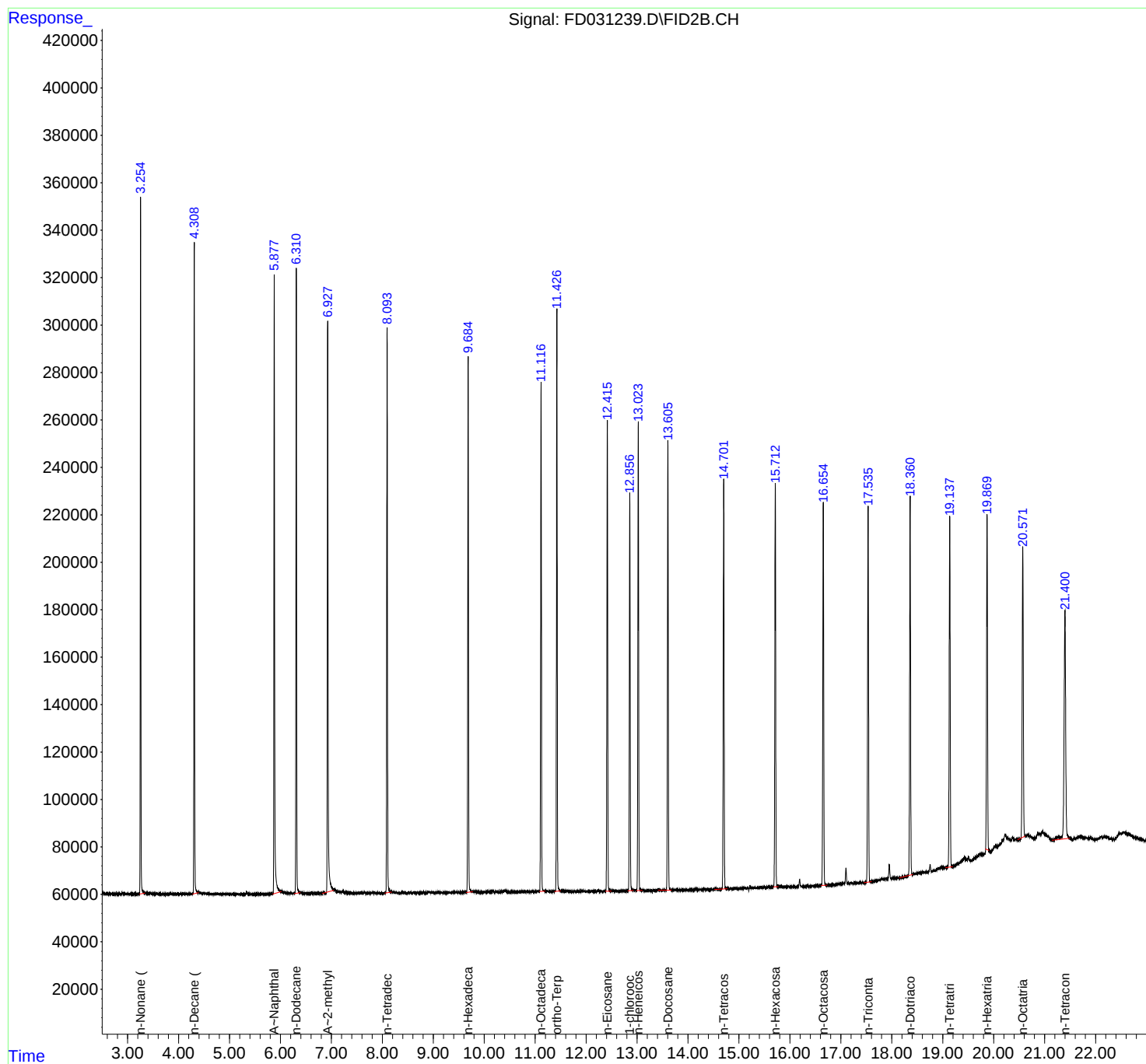
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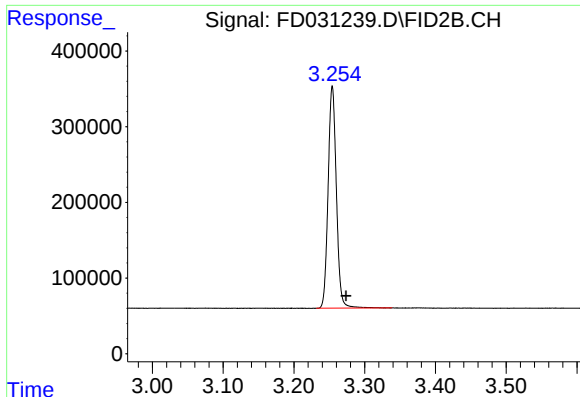
(m)=manual int.

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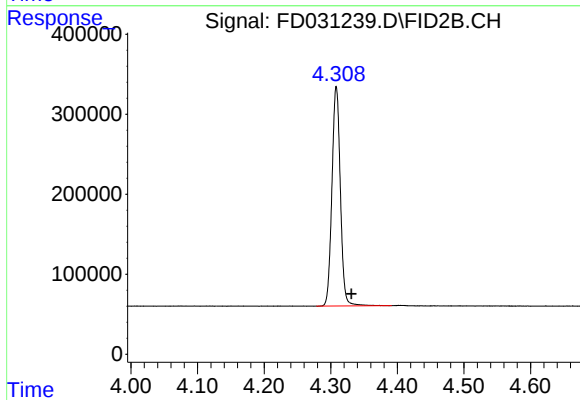
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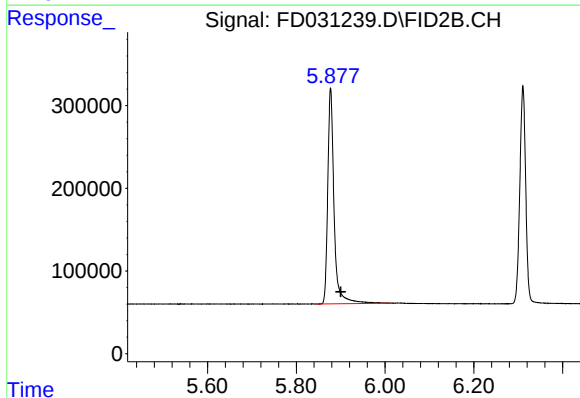
#1 n-Nonane (C9)

R.T.: 3.254 min
Delta R.T.: -0.020 min
Response: 2384813
Conc: 22.80 ug/ml



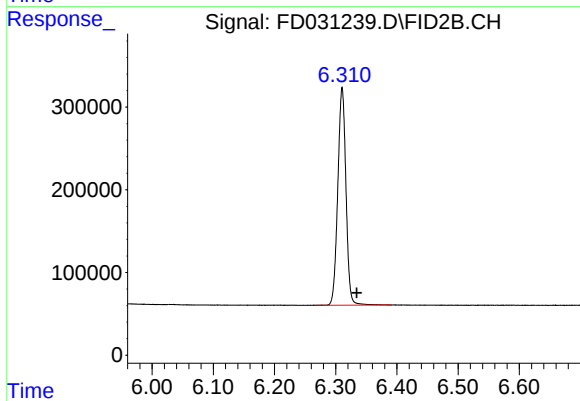
#2 n-Decane (C10)

R.T.: 4.308 min
Delta R.T.: -0.023 min
Response: 2410931
Conc: 23.00 ug/ml



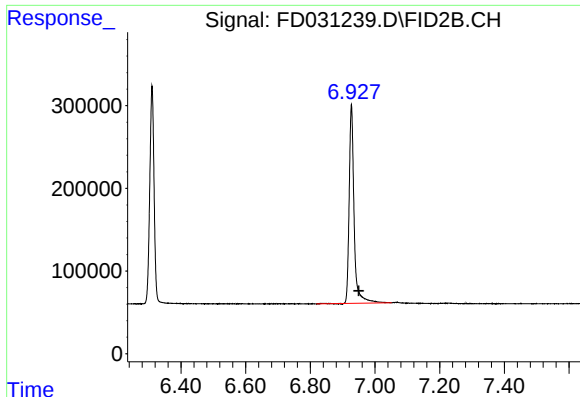
#3 A~Naphthalene (C11.7)

R.T.: 5.878 min
Delta R.T.: -0.023 min
Response: 2580701
Conc: 22.52 ug/ml



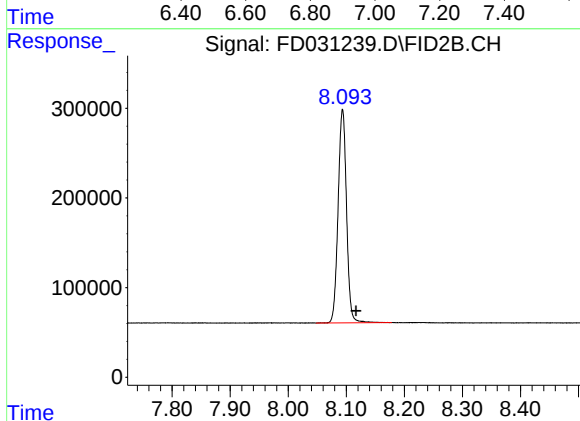
#4 n-Dodecane (C12)

R.T.: 6.311 min
Delta R.T.: -0.024 min
Response: 2440503
Conc: 22.82 ug/ml



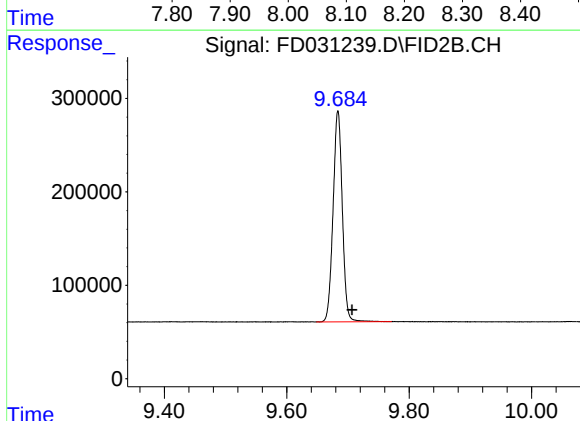
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.927 min
Delta R.T.: -0.023 min
Response: 2533315
Conc: 21.98 ug/ml



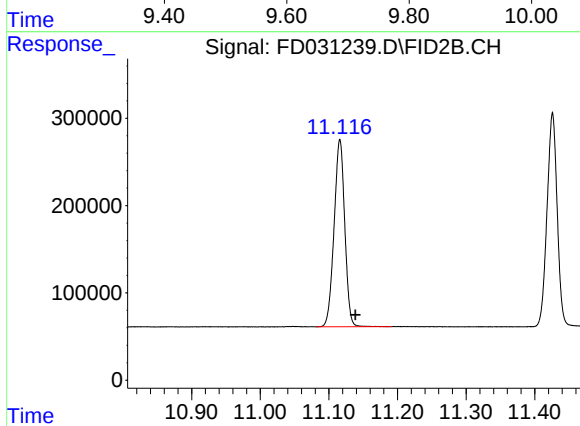
#6 n-Tetradecane (C14)

R.T.: 8.094 min
Delta R.T.: -0.023 min
Response: 2404584
Conc: 22.36 ug/ml



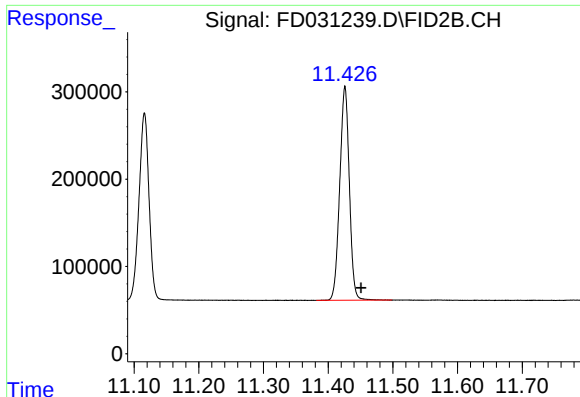
#7 n-Hexadecane (C16)

R.T.: 9.684 min
Delta R.T.: -0.023 min
Response: 2368465
Conc: 21.99 ug/ml



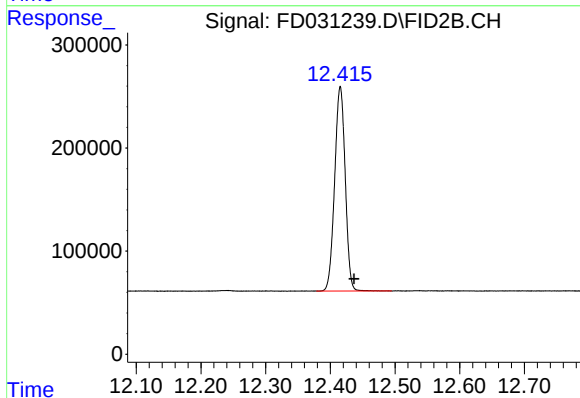
#8 n-Octadecane (C18)

R.T.: 11.116 min
Delta R.T.: -0.023 min
Response: 2313642
Conc: 21.16 ug/ml



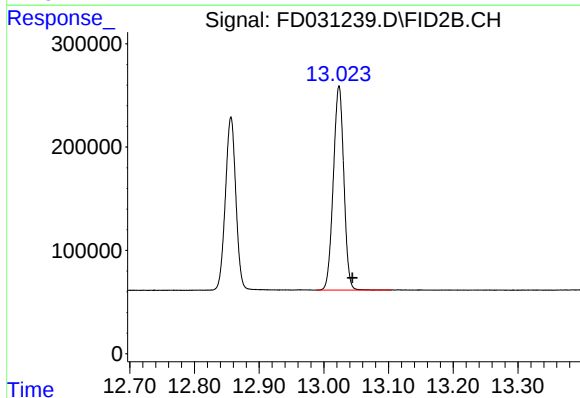
#9 ortho-Terphenyl (SURR)

R.T.: 11.426 min
Delta R.T.: -0.025 min
Response: 2525393
Conc: 20.14 ug/ml



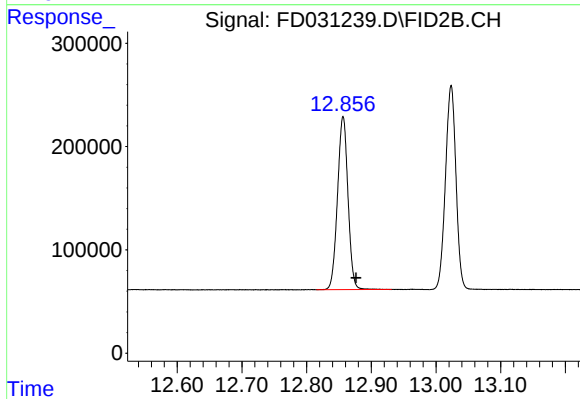
#10 n-Eicosane (C20)

R.T.: 12.415 min
Delta R.T.: -0.021 min
Response: 2248537
Conc: 20.56 ug/ml



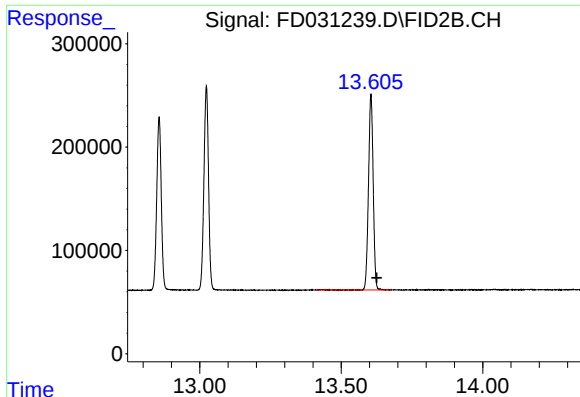
#11 n-Heneicosane (C21)

R.T.: 13.023 min
Delta R.T.: -0.021 min
Response: 2230560
Conc: 20.29 ug/ml



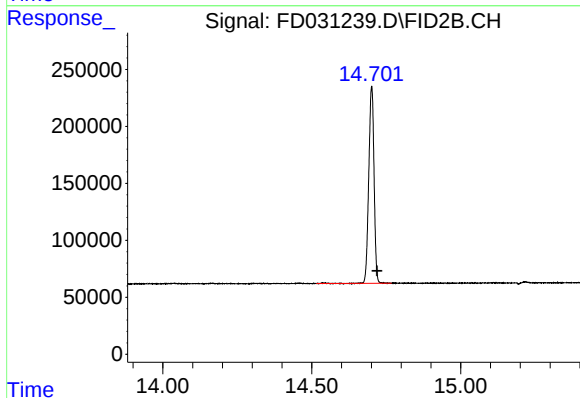
#12 1-chlorooctadecane (SURR)

R.T.: 12.856 min
Delta R.T.: -0.020 min
Response: 1883661
Conc: 20.12 ug/ml



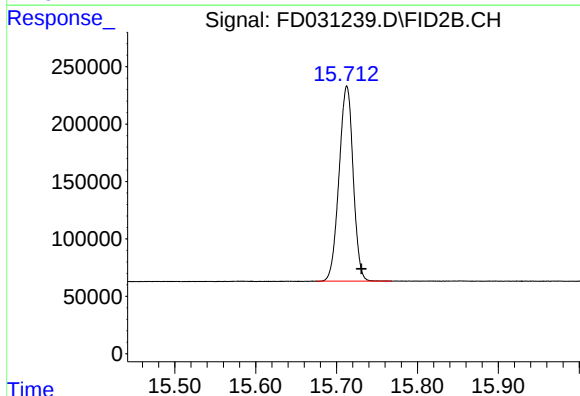
#13 n-Docosane (C22)

R.T.: 13.605 min
Delta R.T.: -0.020 min
Response: 2183780
Conc: 19.97 ug/ml



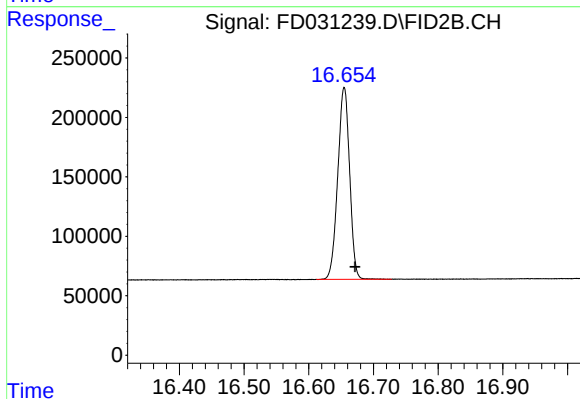
#14 n-Tetracosane (C24)

R.T.: 14.701 min
Delta R.T.: -0.018 min
Response: 2125485
Conc: 19.46 ug/ml



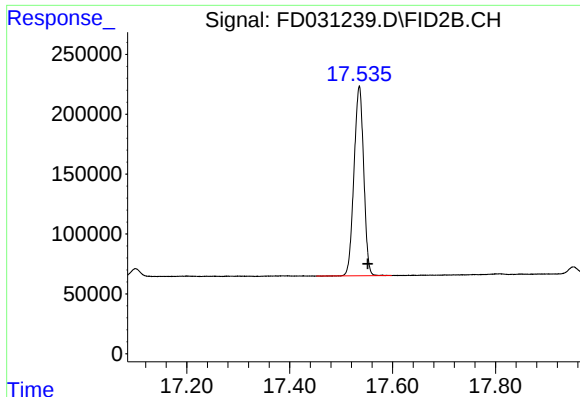
#15 n-Hexacosane (C26)

R.T.: 15.713 min
Delta R.T.: -0.018 min
Response: 2065007
Conc: 19.08 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.655 min
Delta R.T.: -0.017 min
Response: 2057454
Conc: 19.16 ug/ml



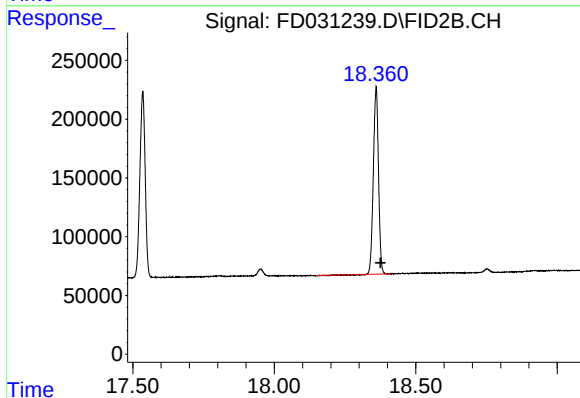
#17 n-Tricontane (C30)

R.T.: 17.535 min

Delta R.T.: -0.016 min

Response: 2069345

Conc: 19.43 ug/ml



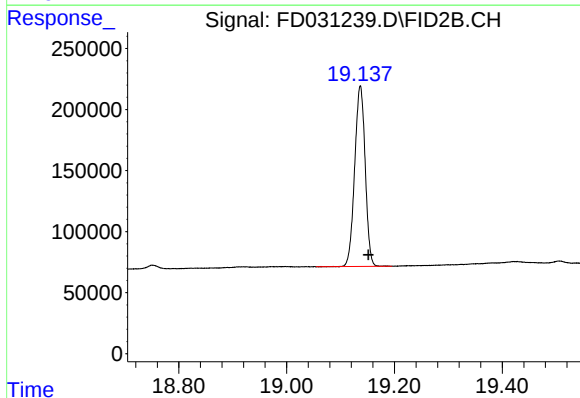
#18 n-Dotriacontane (C32)

R.T.: 18.360 min

Delta R.T.: -0.016 min

Response: 2008475

Conc: 19.51 ug/ml



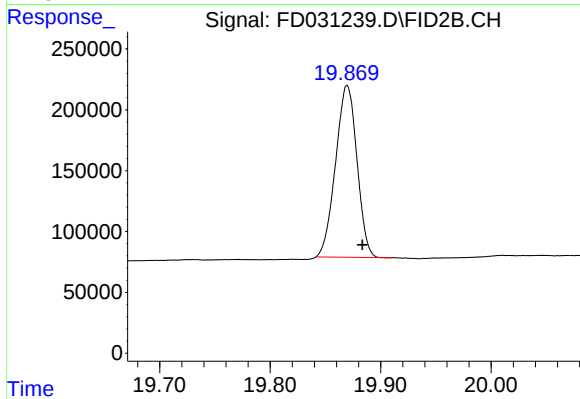
#19 n-Tetratriacontane (C34)

R.T.: 19.137 min

Delta R.T.: -0.015 min

Response: 1998196

Conc: 20.33 ug/ml



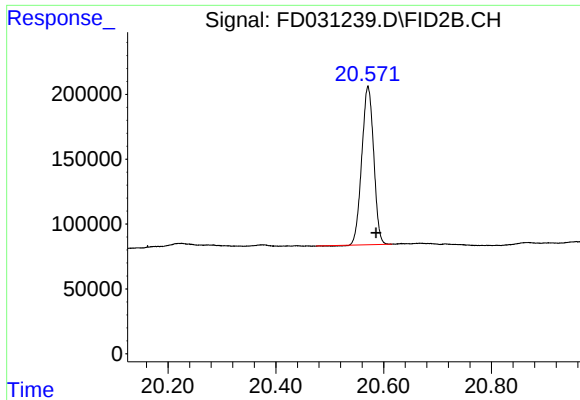
#20 n-Hexatriacontane (C36)

R.T.: 19.870 min

Delta R.T.: -0.014 min

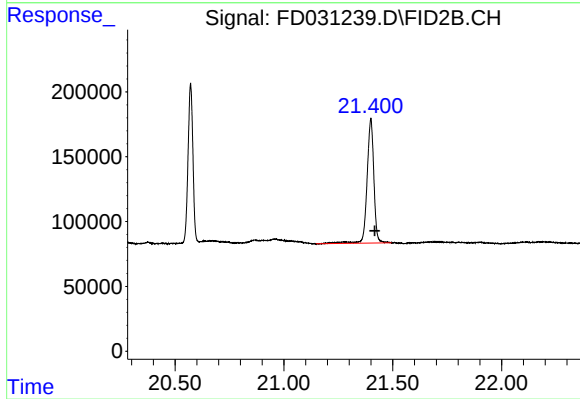
Response: 1897736

Conc: 20.60 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.571 min
Delta R.T.: -0.015 min
Response: 1866136
Conc: 21.56 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.399 min
Delta R.T.: -0.019 min
Response: 2089100
Conc: 23.51 ug/ml