

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD101619AL\
 Data File : FD031041.D
 Signal(s) : FID2B.CH
 Acq On : 16 Oct 2019 20:34
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 60 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Oct 17 03:14:36 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)	11.440	2598818	20.722 ug/ml
Spiked Amount 50.000		Recovery =	41.44%
12) S 1-chlorooctadecane (S...	12.868	1944831	20.772 ug/ml
Spiked Amount 50.000		Recovery =	41.54%
Target Compounds			
1) T n-Nonane (C9)	3.268	2215329	21.178 ug/ml
2) T n-Decane (C10)	4.324	2245384	21.420 ug/ml
3) T A-Naphthalene (C11.7)	5.893	2466273	21.523 ug/ml
4) T n-Dodecane (C12)	6.326	2287300	21.385 ug/ml
5) T A~2-methylnaphthalene...	6.942	2462128	21.359 ug/ml
6) T n-Tetradecane (C14)	8.109	2294317	21.333 ug/ml
7) T n-Hexadecane (C16)	9.698	2291987	21.283 ug/ml
8) T n-Octadecane (C18)	11.129	2299404	21.032 ug/ml
10) T n-Eicosane (C20)	12.429	2285912	20.905 ug/ml
11) T n-Heneicosane (C21)	13.035	2286953	20.808 ug/ml
13) T n-Docosane (C22)	13.616	2289512	20.935 ug/ml
14) T n-Tetracosane (C24)	14.711	2289263	20.962 ug/ml
15) T n-Hexacosane (C26)	15.722	2246144	20.755 ug/ml
16) T n-Octacosane (C28)	16.665	2208422	20.571 ug/ml
17) T n-Tricontane (C30)	17.544	2175970	20.427 ug/ml
18) T n-Dotriacontane (C32)	18.370	2099844	20.398 ug/ml
19) T n-Tetratriacontane (C34)	19.146	1963706	19.982 ug/ml
20) T n-Hexatriacontane (C36)	19.879	1807099	19.617 ug/ml
21) T n-Octatriacontane (C38)	20.582	1756788	20.300 ug/ml
22) T n-Tetracontane (C40)	21.411	1971893	22.192 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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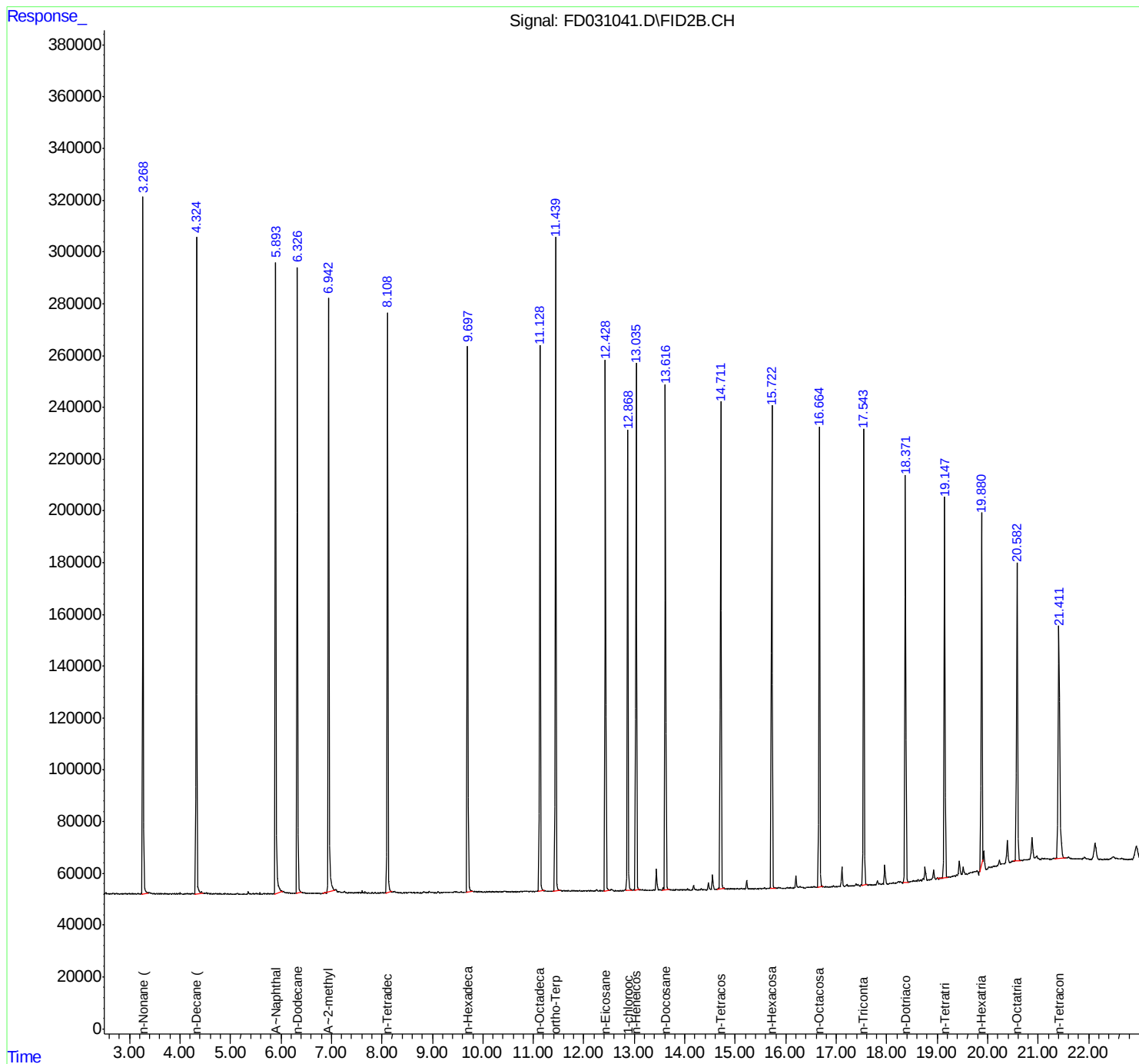
Response via : Initial Calibration

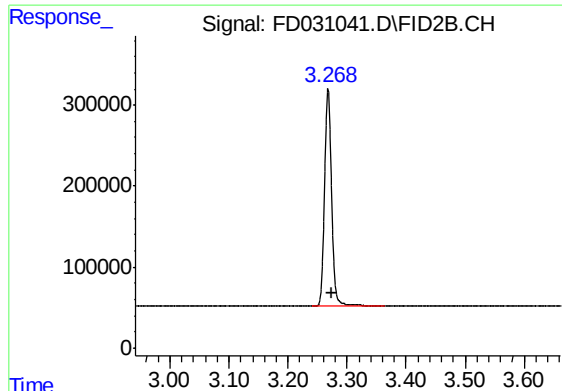
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. : 1 ul

Signal Phase : Rxi-1ms

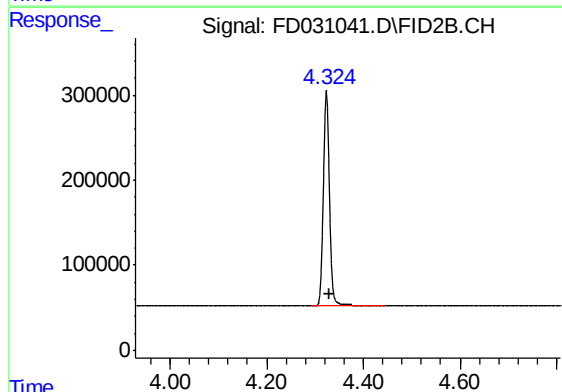
Signal Info : 20M x 0.18mm x 0.18um





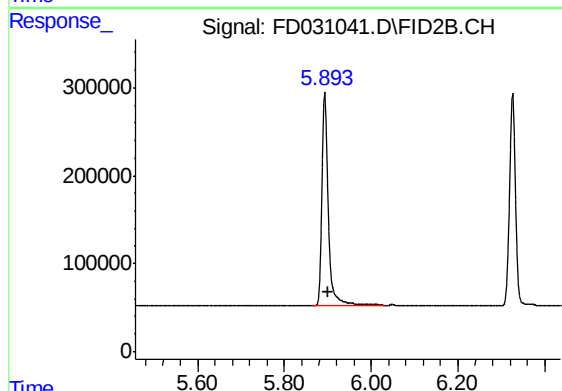
#1 n-Nonane (C9)

R.T.: 3.268 min
Delta R.T.: -0.006 min
Response: 2215329
Conc: 21.18 ug/ml



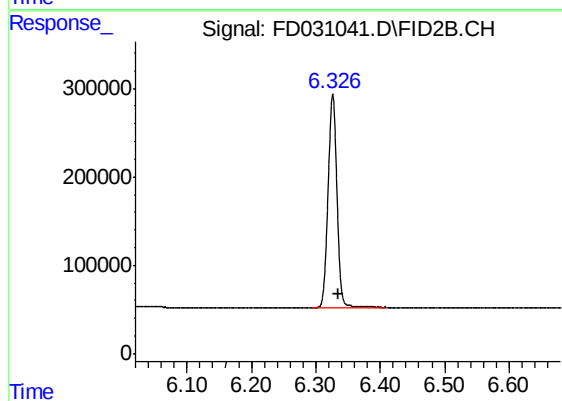
#2 n-Decane (C10)

R.T.: 4.324 min
Delta R.T.: -0.007 min
Response: 2245384
Conc: 21.42 ug/ml



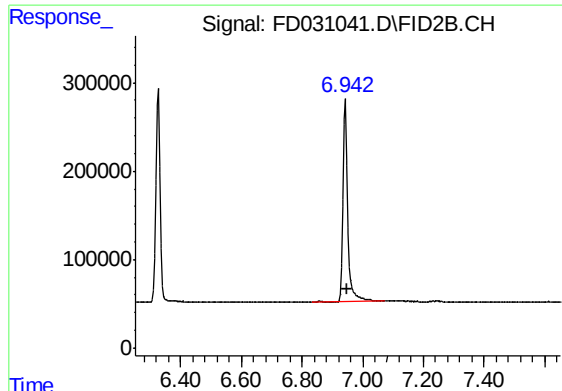
#3 A~Naphthalene (C11.7)

R.T.: 5.893 min
Delta R.T.: -0.007 min
Response: 2466273
Conc: 21.52 ug/ml



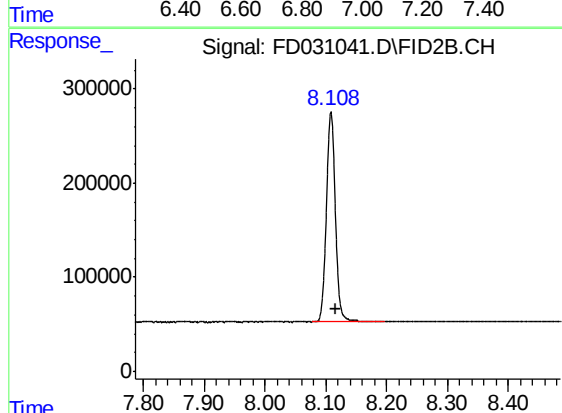
#4 n-Dodecane (C12)

R.T.: 6.326 min
Delta R.T.: -0.008 min
Response: 2287300
Conc: 21.38 ug/ml



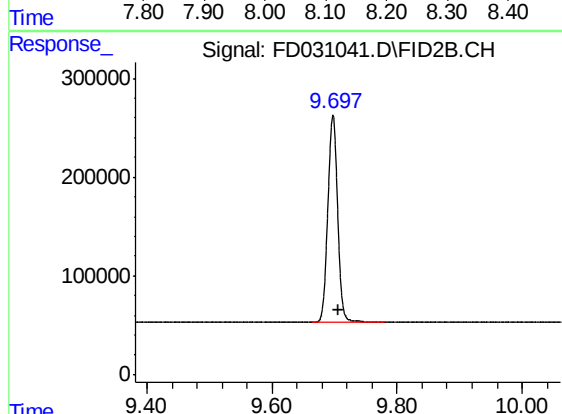
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.942 min
Delta R.T.: -0.008 min
Response: 2462128
Conc: 21.36 ug/ml



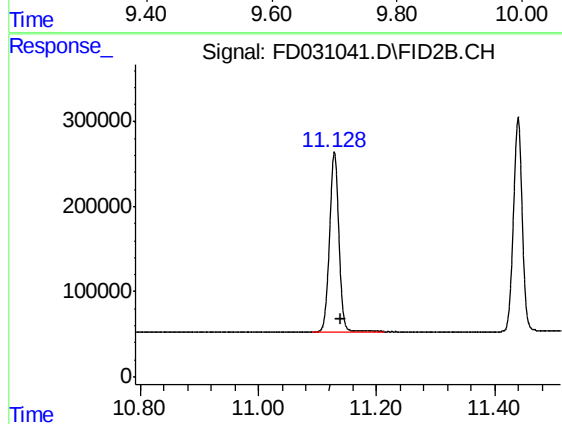
#6 n-Tetradecane (C14)

R.T.: 8.109 min
Delta R.T.: -0.008 min
Response: 2294317
Conc: 21.33 ug/ml



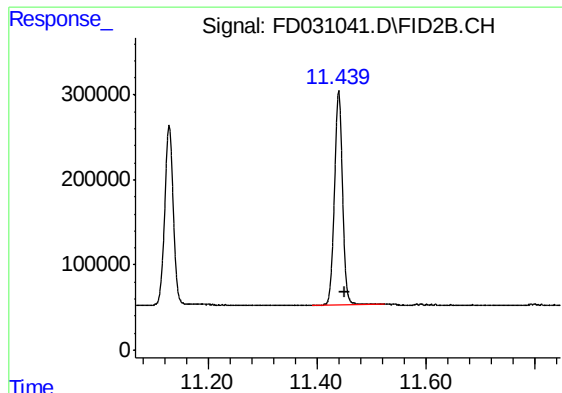
#7 n-Hexadecane (C16)

R.T.: 9.698 min
Delta R.T.: -0.009 min
Response: 2291987
Conc: 21.28 ug/ml



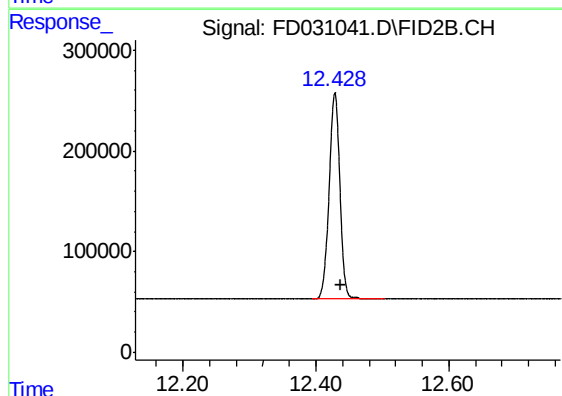
#8 n-Octadecane (C18)

R.T.: 11.129 min
Delta R.T.: -0.010 min
Response: 2299404
Conc: 21.03 ug/ml



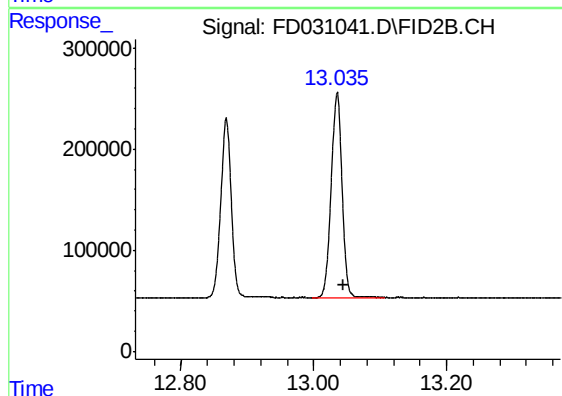
#9 ortho-Terphenyl (SURR)

R.T.: 11.440 min
Delta R.T.: -0.011 min
Response: 2598818
Conc: 20.72 ug/ml



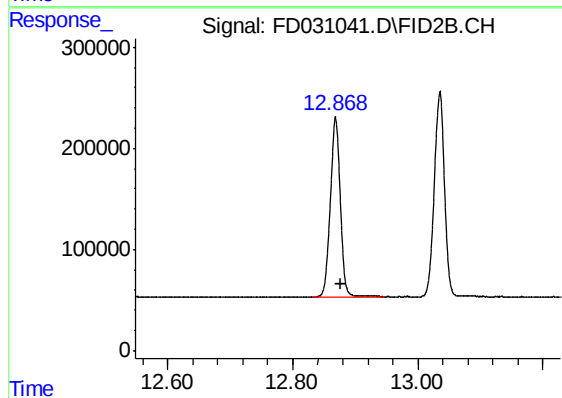
#10 n-Eicosane (C20)

R.T.: 12.429 min
Delta R.T.: -0.008 min
Response: 2285912
Conc: 20.91 ug/ml



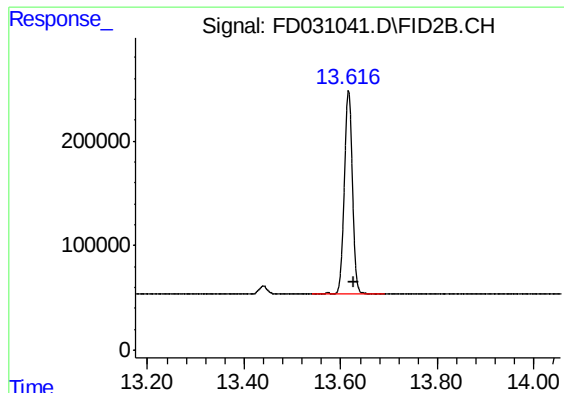
#11 n-Heneicosane (C21)

R.T.: 13.035 min
Delta R.T.: -0.009 min
Response: 2286953
Conc: 20.81 ug/ml



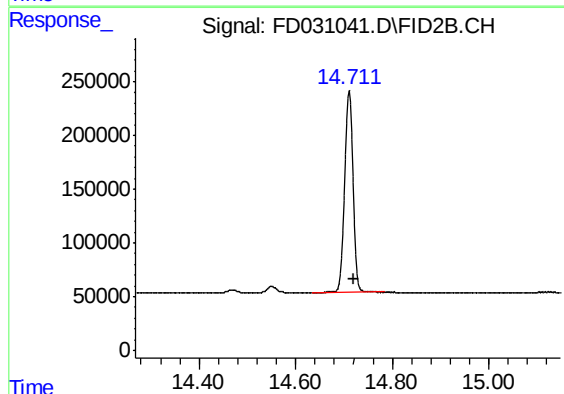
#12 1-chlorooctadecane (SURR)

R.T.: 12.868 min
Delta R.T.: -0.008 min
Response: 1944831
Conc: 20.77 ug/ml



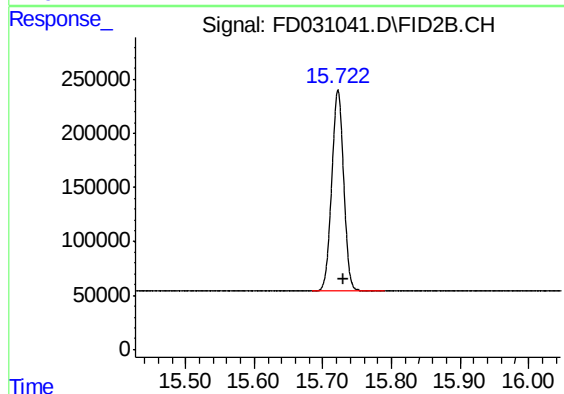
#13 n-Docosane (C22)

R.T.: 13.616 min
Delta R.T.: -0.009 min
Response: 2289512
Conc: 20.94 ug/ml



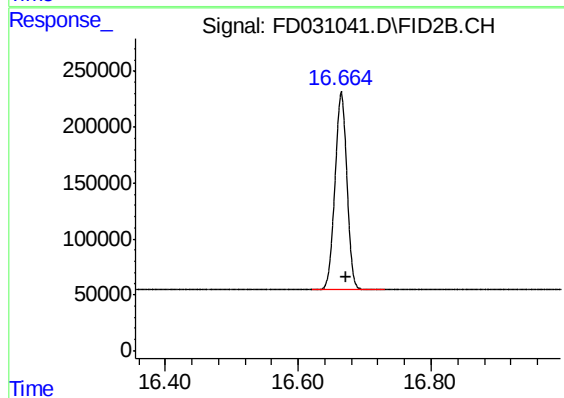
#14 n-Tetracosane (C24)

R.T.: 14.711 min
Delta R.T.: -0.008 min
Response: 2289263
Conc: 20.96 ug/ml



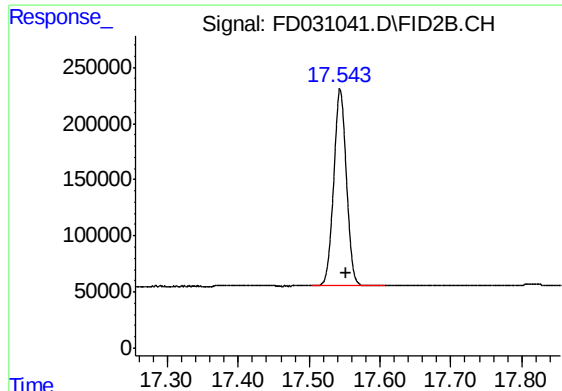
#15 n-Hexacosane (C26)

R.T.: 15.722 min
Delta R.T.: -0.008 min
Response: 2246144
Conc: 20.76 ug/ml



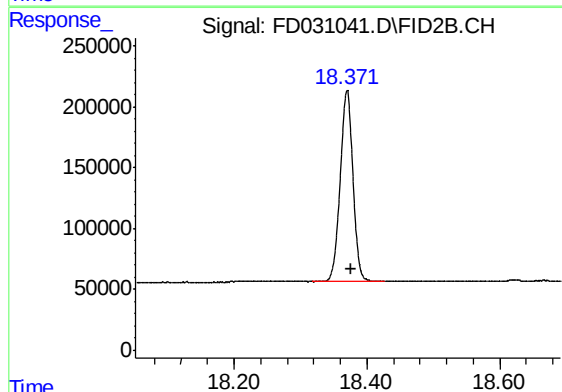
#16 n-Octacosane (C28)

R.T.: 16.665 min
Delta R.T.: -0.007 min
Response: 2208422
Conc: 20.57 ug/ml



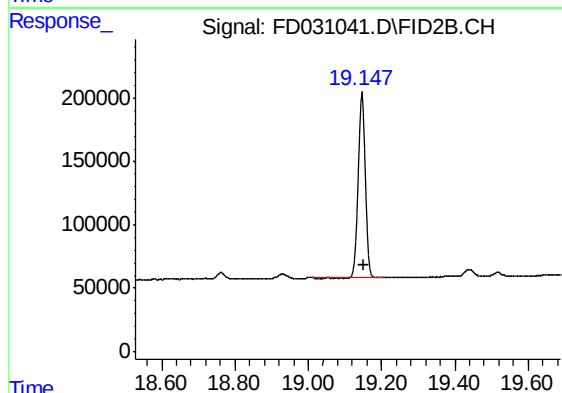
#17 n-Tricontane (C30)

R.T.: 17.544 min
Delta R.T.: -0.008 min
Response: 2175970
Conc: 20.43 ug/ml



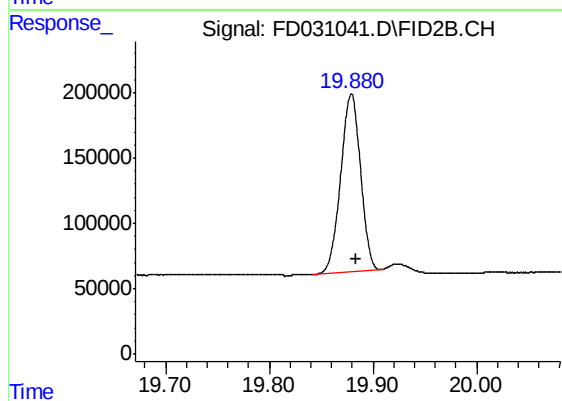
#18 n-Dotriacontane (C32)

R.T.: 18.370 min
Delta R.T.: -0.005 min
Response: 2099844
Conc: 20.40 ug/ml



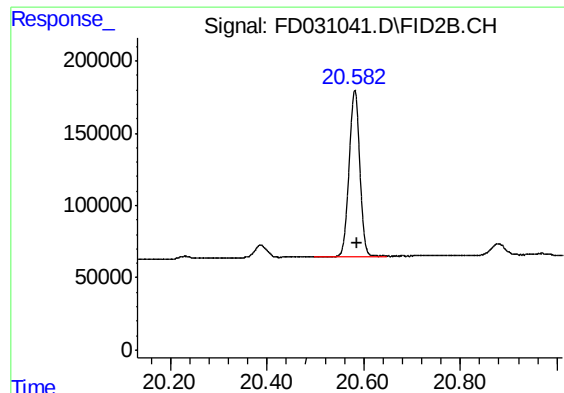
#19 n-Tetatriacontane (C34)

R.T.: 19.146 min
Delta R.T.: -0.005 min
Response: 1963706
Conc: 19.98 ug/ml



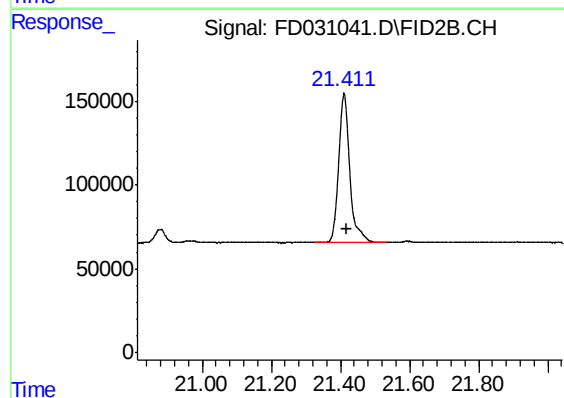
#20 n-Hexatriacontane (C36)

R.T.: 19.879 min
Delta R.T.: -0.005 min
Response: 1807099
Conc: 19.62 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.582 min
Delta R.T.: -0.004 min
Response: 1756788
Conc: 20.30 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.411 min
Delta R.T.: -0.007 min
Response: 1971893
Conc: 22.19 ug/ml