

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD102721AL\
 Data File : FD039317.D
 Signal(s) : FID2B.CH
 Acq On : 28 Oct 2021 2:40
 Operator : AJ\MA
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: sample.E
 Quant Time: Oct 28 04:16:08 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 102621.M
 Quant Title : GC Extractables
 QLast Update : Wed Oct 27 04:49:08 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)	11.672	2696262	21.132 ug/ml
Spiked Amount 50.000		Recovery =	42.26%
12) S 1-chlorooctadecane (S...	13.099	2182403	21.000 ug/ml
Spiked Amount 50.000		Recovery =	42.00%
Target Compounds			
1) T n-Nonane (C9)	3.432	2501688	21.516 ug/ml
2) T n-Decane (C10)	4.501	2521667	21.569 ug/ml
3) T A~Naphthalene (C11.7)	6.094	2782297	21.589 ug/ml
4) T n-Dodecane (C12)	6.517	2546495	21.521 ug/ml
5) T A~2-methylnaphthalene...	7.149	2839608	21.621 ug/ml
6) T n-Tetradecane (C14)	8.309	2539786	21.548 ug/ml
7) T n-Hexadecane (C16)	9.907	2578234	21.515 ug/ml
8) T n-Octadecane (C18)	11.347	2617914	21.390 ug/ml
10) T n-Eicosane (C20)	12.653	2617574	21.224 ug/ml
11) T n-Heneicosane (C21)	13.264	2633881	21.033 ug/ml
13) T n-Docosane (C22)	13.849	2612206	21.032 ug/ml
14) T n-Tetracosane (C24)	14.948	2594570	20.901 ug/ml
15) T n-Hexacosane (C26)	15.965	2519674	20.511 ug/ml
16) T n-Octacosane (C28)	16.912	2353098	20.212 ug/ml
17) T n-Tricontane (C30)	17.796	2370377	20.123 ug/ml
18) T n-Dotriacontane (C32)	18.626	2288197	20.013 ug/ml
19) T n-Tetratriacontane (C34)	19.406	2120223	20.003 ug/ml
20) T n-Hexatriacontane (C36)	20.143	2067643	20.297 ug/ml
21) T n-Octatriacontane (C38)	20.885	1998802	20.829 ug/ml
22) T n-Tetracontane (C40)	21.810	1962104	21.269 ug/ml

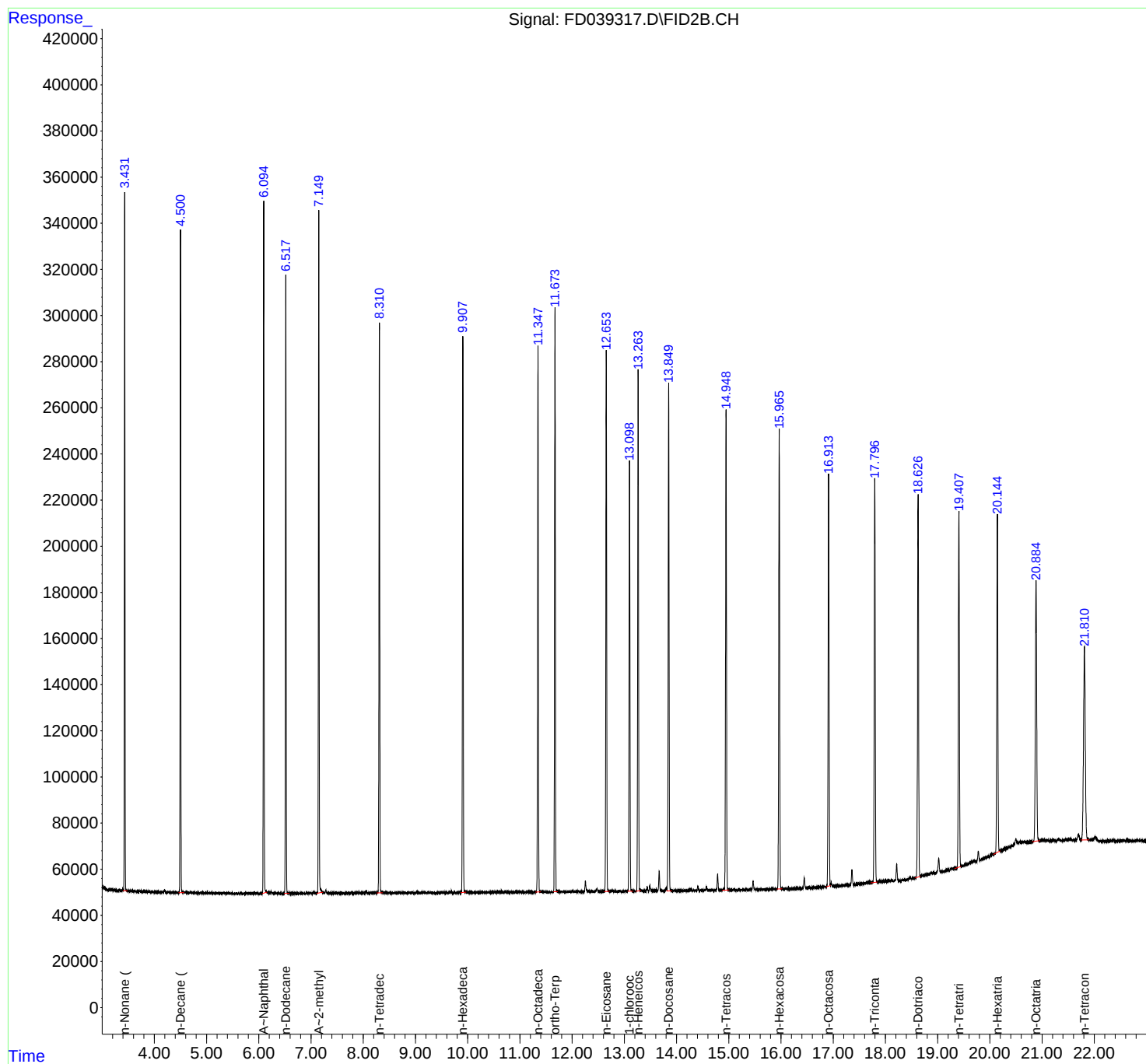
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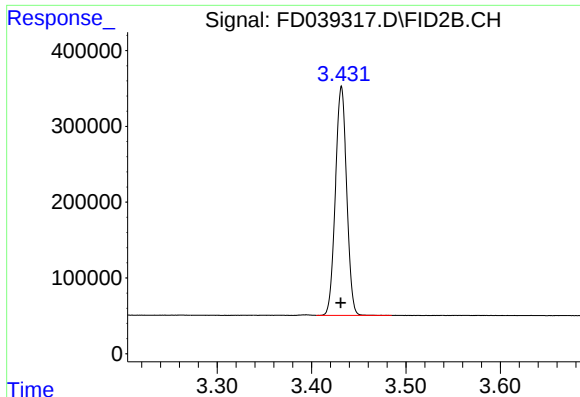
(m)=manual int.

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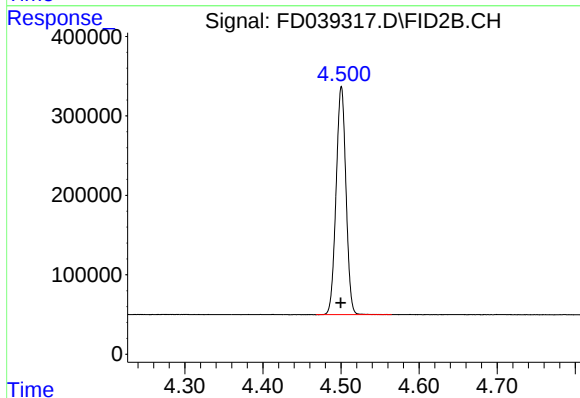
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Signal Info : 20M x 0.18mm x 0.18um





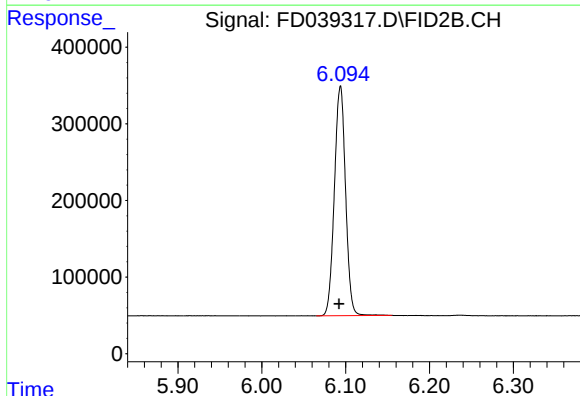
#1 n-Nonane (C9)

R.T.: 3.432 min
Delta R.T.: 0.000 min
Response: 2501688
Conc: 21.52 ug/ml



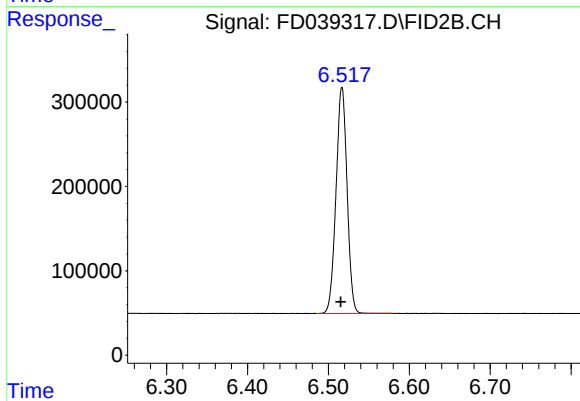
#2 n-Decane (C10)

R.T.: 4.501 min
Delta R.T.: 0.000 min
Response: 2521667
Conc: 21.57 ug/ml



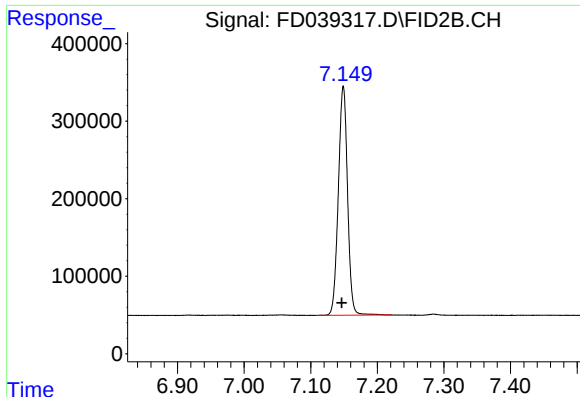
#3 A~Naphthalene (C11.7)

R.T.: 6.094 min
Delta R.T.: 0.001 min
Response: 2782297
Conc: 21.59 ug/ml



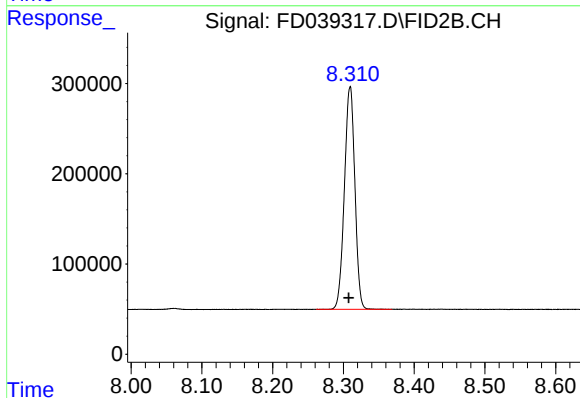
#4 n-Dodecane (C12)

R.T.: 6.517 min
Delta R.T.: 0.002 min
Response: 2546495
Conc: 21.52 ug/ml



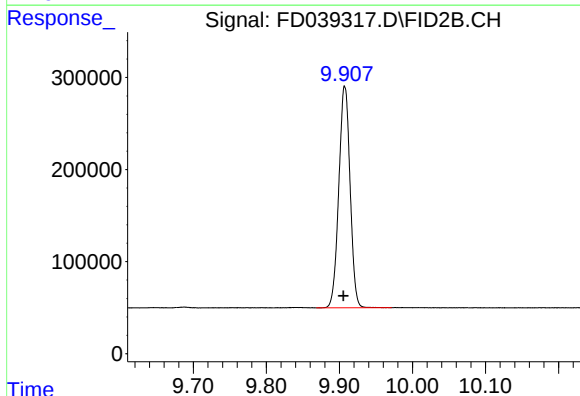
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.149 min
Delta R.T.: 0.002 min
Response: 2839608
Conc: 21.62 ug/ml



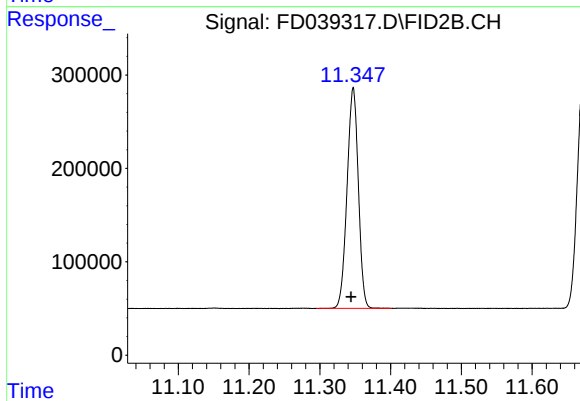
#6 n-Tetradecane (C14)

R.T.: 8.309 min
Delta R.T.: 0.002 min
Response: 2539786
Conc: 21.55 ug/ml



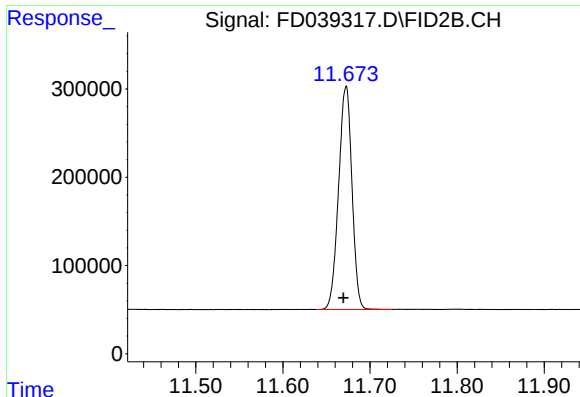
#7 n-Hexadecane (C16)

R.T.: 9.907 min
Delta R.T.: 0.002 min
Response: 2578234
Conc: 21.52 ug/ml



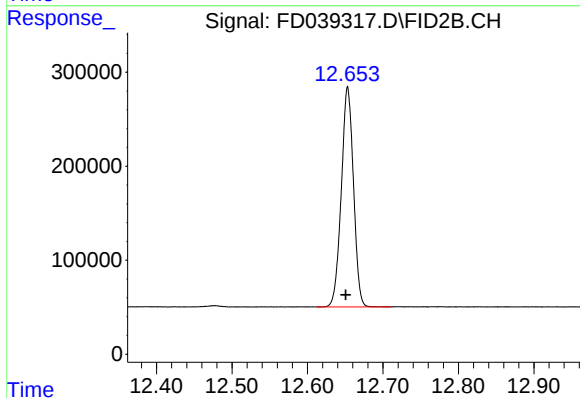
#8 n-Octadecane (C18)

R.T.: 11.347 min
Delta R.T.: 0.003 min
Response: 2617914
Conc: 21.39 ug/ml



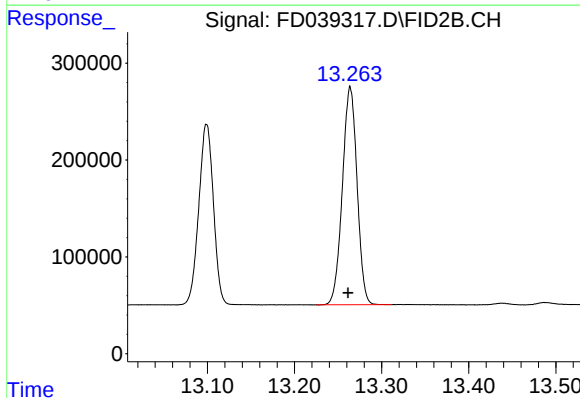
#9 ortho-Terphenyl (SURR)

R.T.: 11.672 min
Delta R.T.: 0.003 min
Response: 2696262
Conc: 21.13 ug/ml



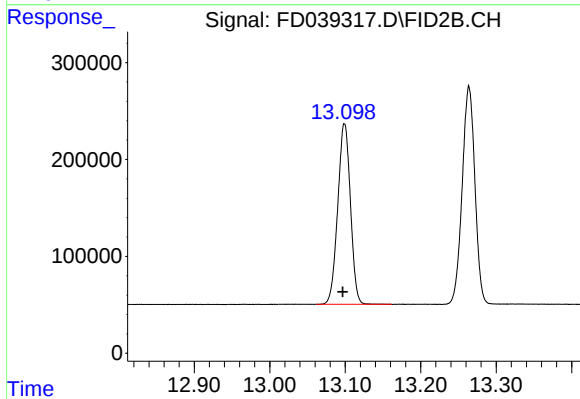
#10 n-Eicosane (C20)

R.T.: 12.653 min
Delta R.T.: 0.002 min
Response: 2617574
Conc: 21.22 ug/ml



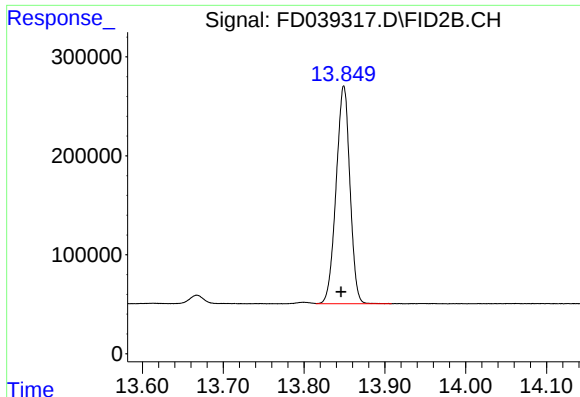
#11 n-Heneicosane (C21)

R.T.: 13.264 min
Delta R.T.: 0.003 min
Response: 2633881
Conc: 21.03 ug/ml



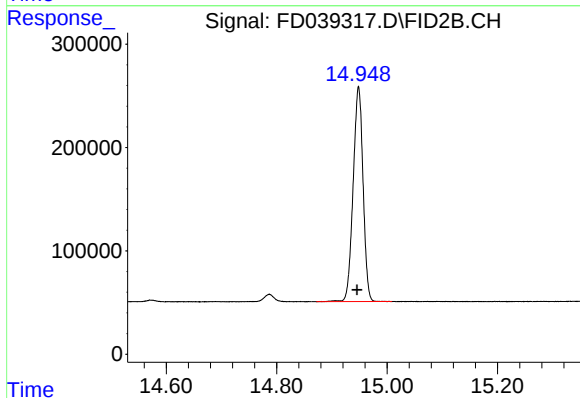
#12 1-chlorooctadecane (SURR)

R.T.: 13.099 min
Delta R.T.: 0.002 min
Response: 2182403
Conc: 21.00 ug/ml



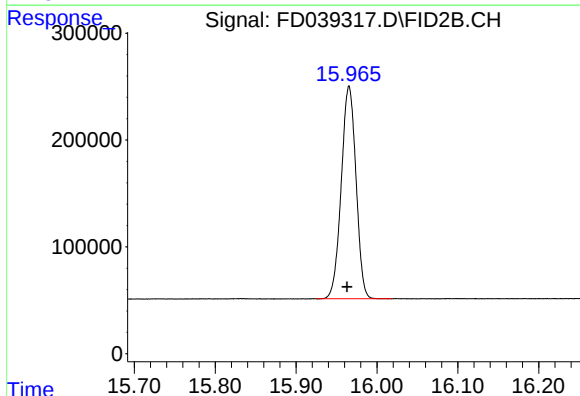
#13 n-Docosane (C22)

R.T.: 13.849 min
Delta R.T.: 0.003 min
Response: 2612206
Conc: 21.03 ug/ml



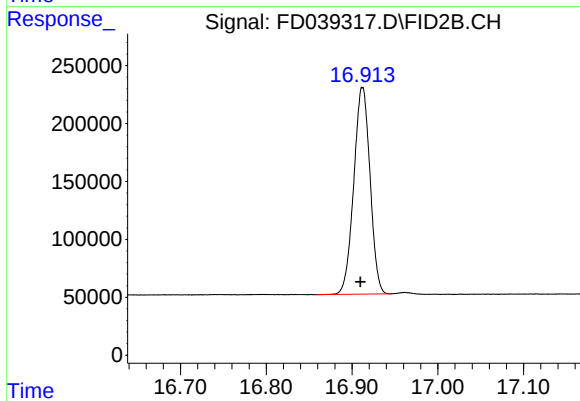
#14 n-Tetracosane (C24)

R.T.: 14.948 min
Delta R.T.: 0.002 min
Response: 2594570
Conc: 20.90 ug/ml



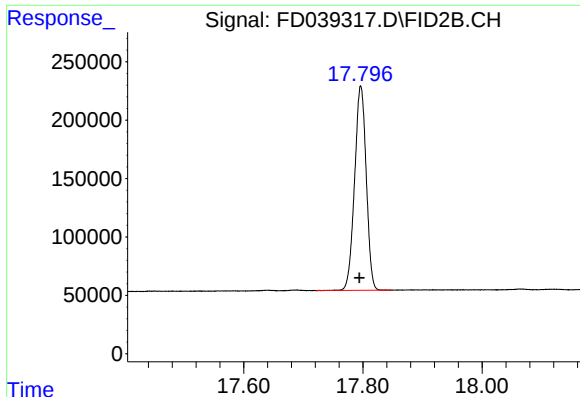
#15 n-Hexacosane (C26)

R.T.: 15.965 min
Delta R.T.: 0.002 min
Response: 2519674
Conc: 20.51 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.912 min
Delta R.T.: 0.002 min
Response: 2353098
Conc: 20.21 ug/ml



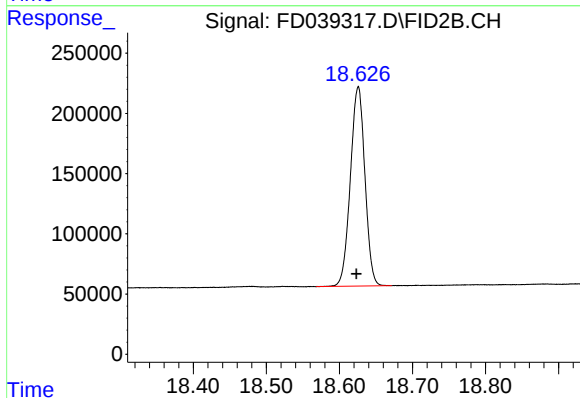
#17 n-Tricontane (C30)

R.T.: 17.796 min

Delta R.T.: 0.002 min

Response: 2370377

Conc: 20.12 ug/ml



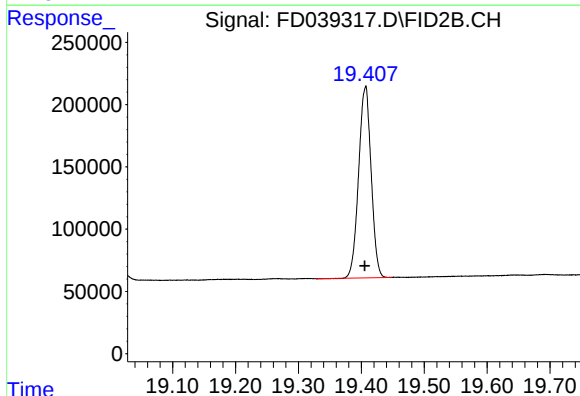
#18 n-Dotriacontane (C32)

R.T.: 18.626 min

Delta R.T.: 0.002 min

Response: 2288197

Conc: 20.01 ug/ml



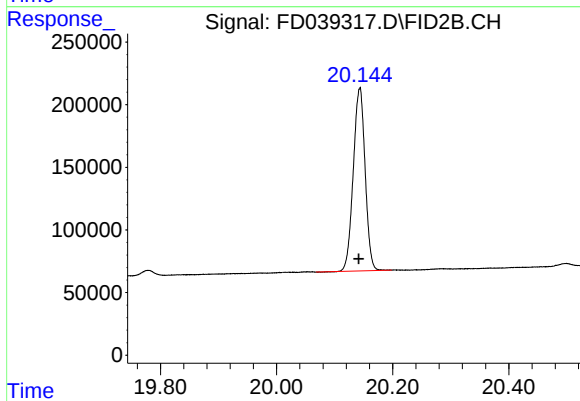
#19 n-Tetratriacontane (C34)

R.T.: 19.406 min

Delta R.T.: 0.000 min

Response: 2120223

Conc: 20.00 ug/ml



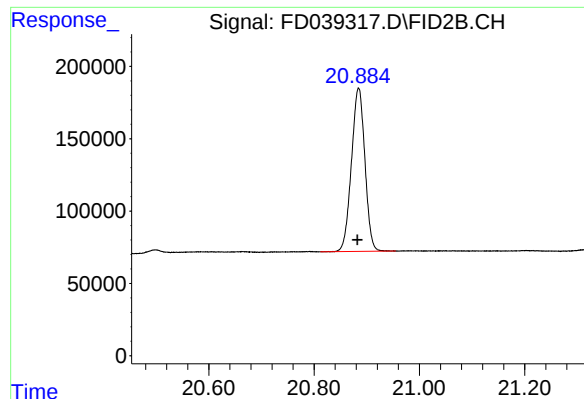
#20 n-Hexatriacontane (C36)

R.T.: 20.143 min

Delta R.T.: 0.001 min

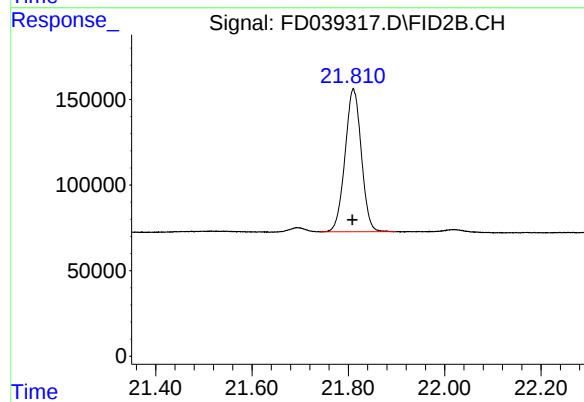
Response: 2067643

Conc: 20.30 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.885 min
Delta R.T.: 0.002 min
Response: 1998802
Conc: 20.83 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.810 min
Delta R.T.: 0.002 min
Response: 1962104
Conc: 21.27 ug/ml