

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD070821AL\
 Data File : FD038135.D
 Signal(s) : FID2B.CH
 Acq On : 09 Jul 2021 10:36
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Jul 09 11:13:23 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Alaphatic EPH 070621.M
 Quant Title : GC Extractables
 QLast Update : Wed Jul 07 10:58:41 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)	11.421	2964309	20.507 ug/ml
Spiked Amount 50.000		Recovery =	41.01%
12) S 1-chlorooctadecane (S...	12.855	2301709	20.189 ug/ml
Spiked Amount 50.000		Recovery =	40.38%
Target Compounds			
1) T n-Nonane (C9)	3.236	2576718	21.205 ug/ml
2) T n-Decane (C10)	4.291	2625677	21.467 ug/ml
3) T A~Naphthalene (C11.7)	5.860	2929764	21.432 ug/ml
4) T n-Dodecane (C12)	6.297	2699701	21.675 ug/ml
5) T A~2-methylnaphthalene...	6.911	2963305	21.514 ug/ml
6) T n-Tetradecane (C14)	8.083	2769433	21.547 ug/ml
7) T n-Hexadecane (C16)	9.676	2780945	21.460 ug/ml
8) T n-Octadecane (C18)	11.112	2833821	21.042 ug/ml
10) T n-Eicosane (C20)	12.414	2773301	20.647 ug/ml
11) T n-Heneicosane (C21)	13.023	2766143	20.360 ug/ml
13) T n-Docosane (C22)	13.606	2764175	20.544 ug/ml
14) T n-Tetracosane (C24)	14.703	2787144	20.641 ug/ml
15) T n-Hexacosane (C26)	15.718	2689972	20.417 ug/ml
16) T n-Octacosane (C28)	16.662	2623264	20.119 ug/ml
17) T n-Tricontane (C30)	17.545	2479492	19.402 ug/ml
18) T n-Dotriacontane (C32)	18.373	2309888	18.773 ug/ml
19) T n-Tetratriacontane (C34)	19.153	2147474	18.338 ug/ml
20) T n-Hexatriacontane (C36)	19.888	2003969	18.350 ug/ml
21) T n-Octatriacontane (C38)	20.593	1936779	19.230 ug/ml
22) T n-Tetracontane (C40)	21.421	1983297	20.278 ug/ml

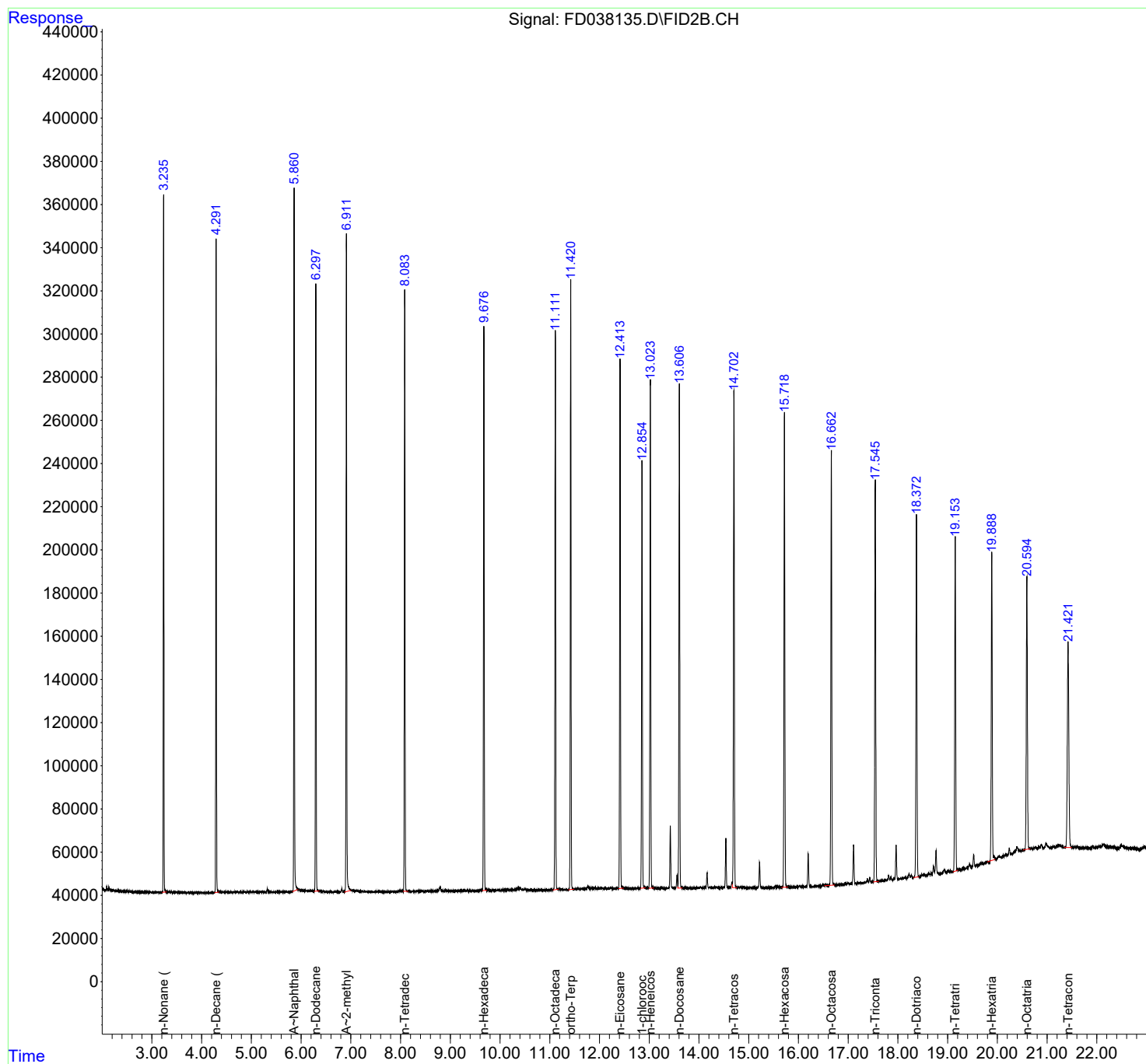
(f)=RT Delta > 1/2 Window

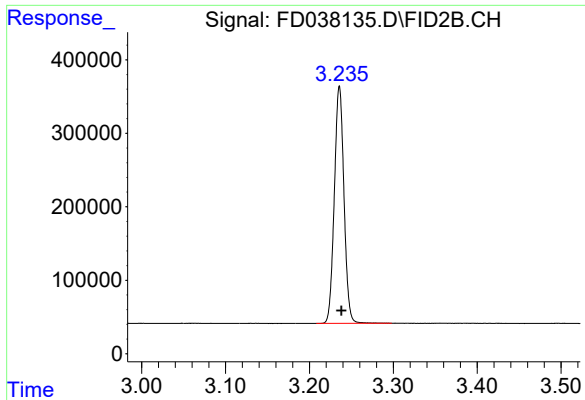
(m)=manual int.

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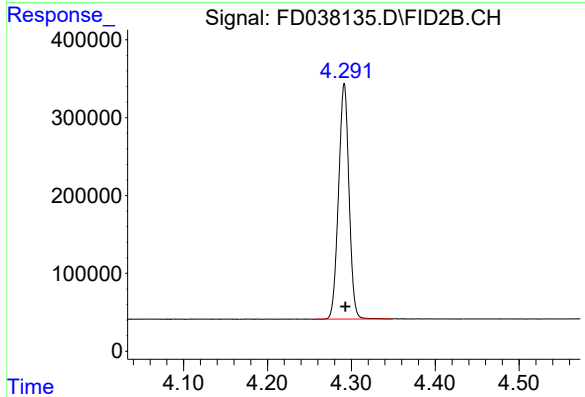
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Signal Info : 20M x 0.18mm x 0.18um





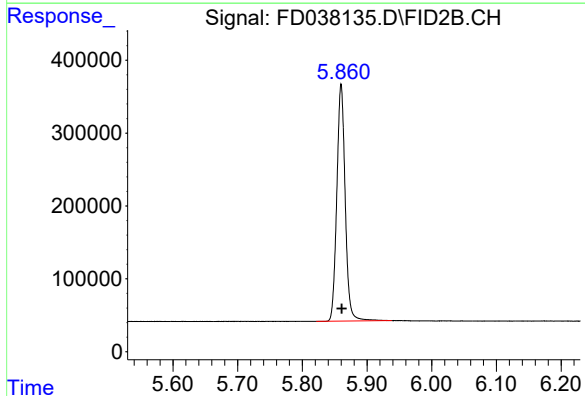
#1 n-Nonane (C9)

R.T.: 3.236 min
Delta R.T.: -0.002 min
Response: 2576718
Conc: 21.20 ug/ml



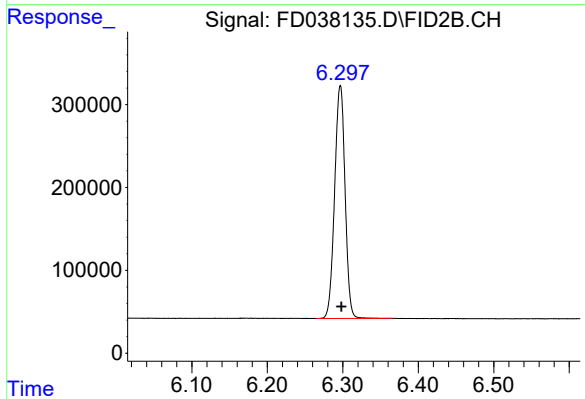
#2 n-Decane (C10)

R.T.: 4.291 min
Delta R.T.: -0.001 min
Response: 2625677
Conc: 21.47 ug/ml



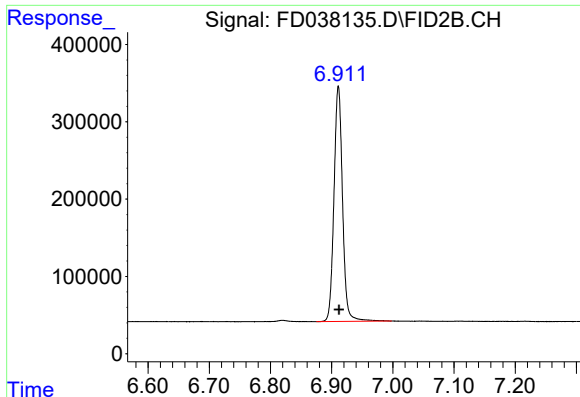
#3 A~Naphthalene (C11.7)

R.T.: 5.860 min
Delta R.T.: -0.001 min
Response: 2929764
Conc: 21.43 ug/ml



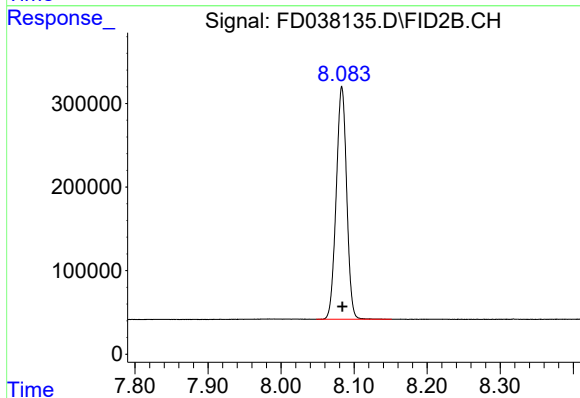
#4 n-Dodecane (C12)

R.T.: 6.297 min
Delta R.T.: -0.001 min
Response: 2699701
Conc: 21.68 ug/ml



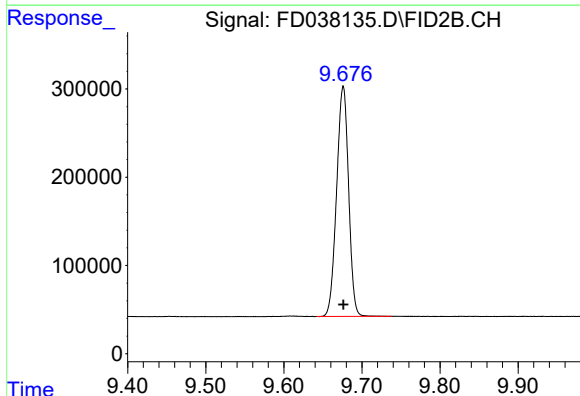
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.911 min
Delta R.T.: 0.000 min
Response: 2963305
Conc: 21.51 ug/ml



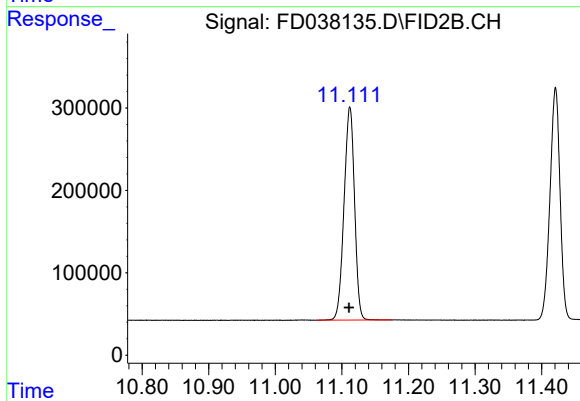
#6 n-Tetradecane (C14)

R.T.: 8.083 min
Delta R.T.: 0.000 min
Response: 2769433
Conc: 21.55 ug/ml



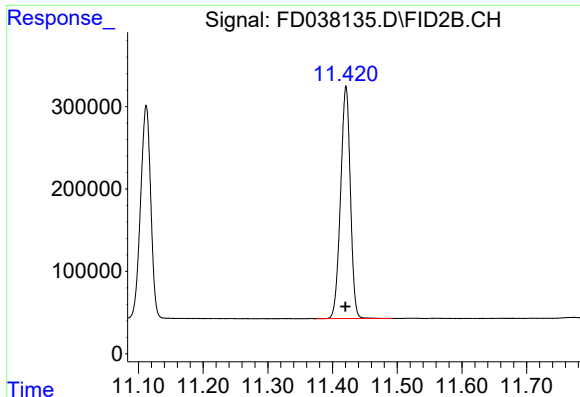
#7 n-Hexadecane (C16)

R.T.: 9.676 min
Delta R.T.: 0.000 min
Response: 2780945
Conc: 21.46 ug/ml



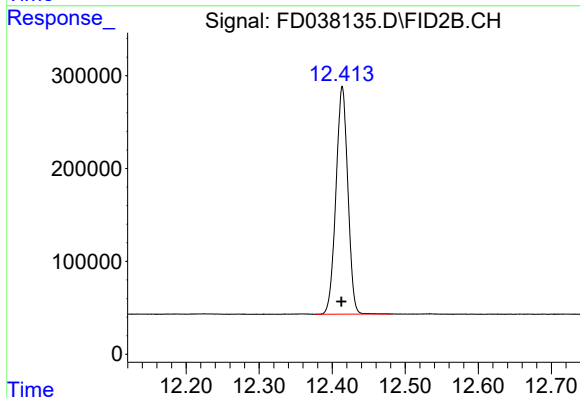
#8 n-Octadecane (C18)

R.T.: 11.112 min
Delta R.T.: 0.000 min
Response: 2833821
Conc: 21.04 ug/ml



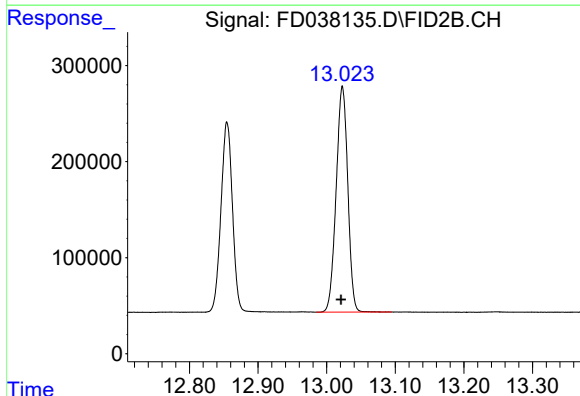
#9 ortho-Terphenyl (SURR)

R.T.: 11.421 min
Delta R.T.: 0.001 min
Response: 2964309
Conc: 20.51 ug/ml



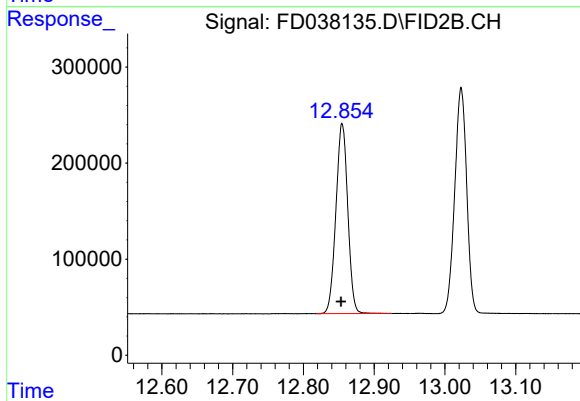
#10 n-Eicosane (C20)

R.T.: 12.414 min
Delta R.T.: 0.001 min
Response: 2773301
Conc: 20.65 ug/ml



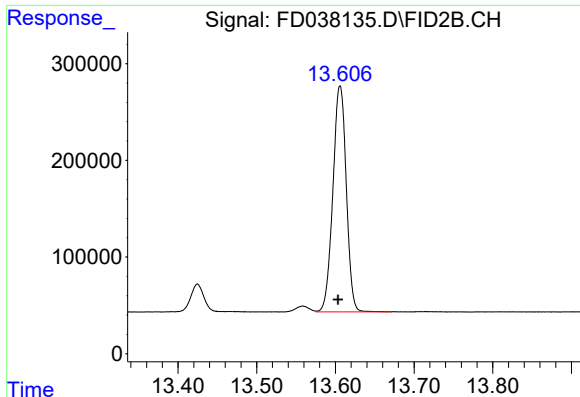
#11 n-Heneicosane (C21)

R.T.: 13.023 min
Delta R.T.: 0.002 min
Response: 2766143
Conc: 20.36 ug/ml



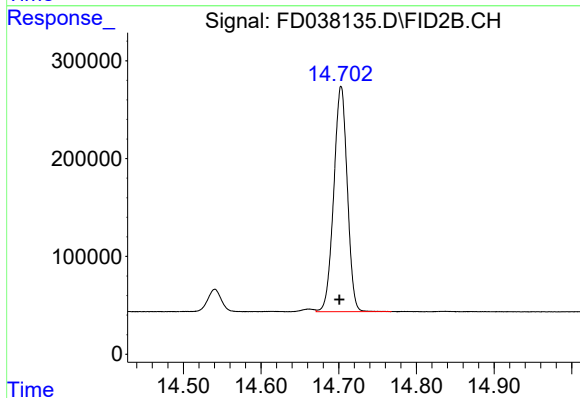
#12 1-chlorooctadecane (SURR)

R.T.: 12.855 min
Delta R.T.: 0.001 min
Response: 2301709
Conc: 20.19 ug/ml



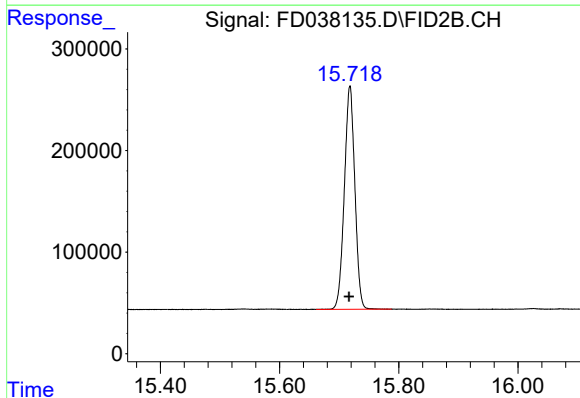
#13 n-Docosane (C22)

R.T.: 13.606 min
Delta R.T.: 0.002 min
Response: 2764175
Conc: 20.54 ug/ml



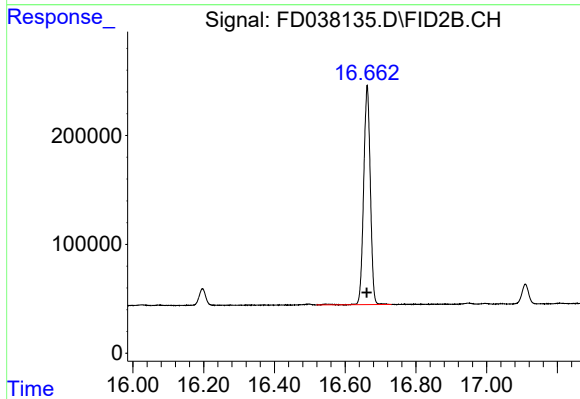
#14 n-Tetracosane (C24)

R.T.: 14.703 min
Delta R.T.: 0.002 min
Response: 2787144
Conc: 20.64 ug/ml



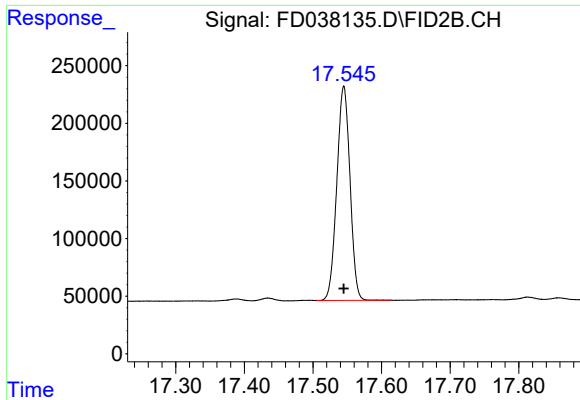
#15 n-Hexacosane (C26)

R.T.: 15.718 min
Delta R.T.: 0.002 min
Response: 2689972
Conc: 20.42 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.662 min
Delta R.T.: 0.000 min
Response: 2623264
Conc: 20.12 ug/ml



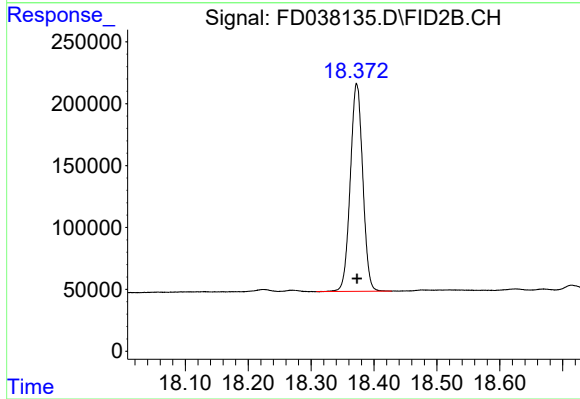
#17 n-Tricontane (C30)

R.T.: 17.545 min

Delta R.T.: 0.000 min

Response: 2479492

Conc: 19.40 ug/ml



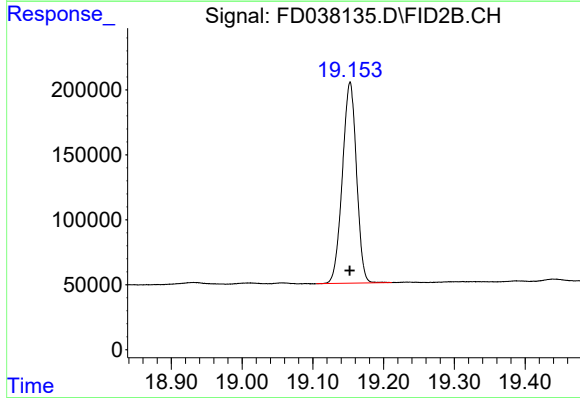
#18 n-Dotriacontane (C32)

R.T.: 18.373 min

Delta R.T.: 0.000 min

Response: 2309888

Conc: 18.77 ug/ml



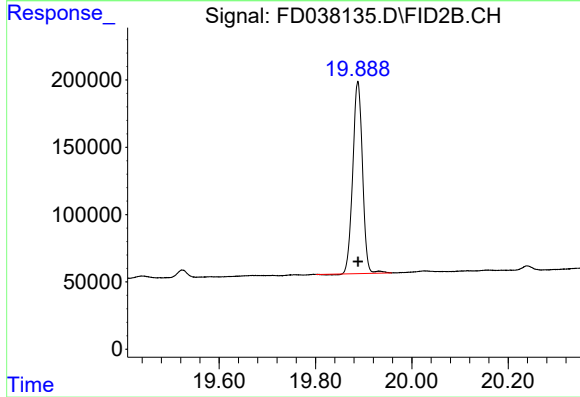
#19 n-Tetratriacontane (C34)

R.T.: 19.153 min

Delta R.T.: 0.000 min

Response: 2147474

Conc: 18.34 ug/ml



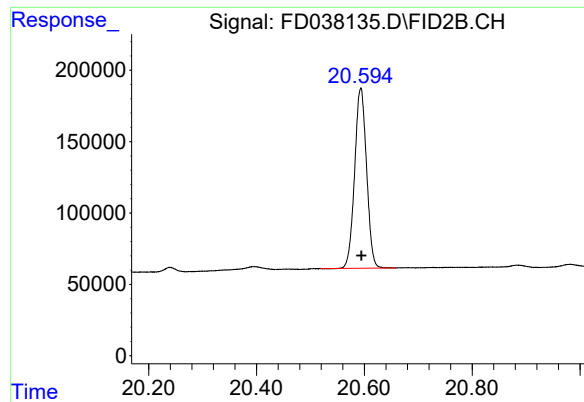
#20 n-Hexatriacontane (C36)

R.T.: 19.888 min

Delta R.T.: 0.000 min

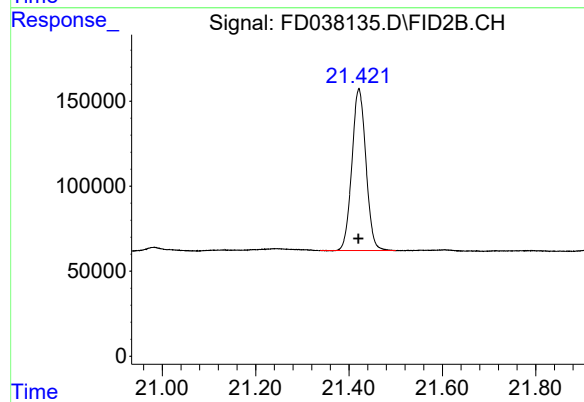
Response: 2003969

Conc: 18.35 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.593 min
Delta R.T.: -0.001 min
Response: 1936779
Conc: 19.23 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.421 min
Delta R.T.: 0.000 min
Response: 1983297
Conc: 20.28 ug/ml