

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD012920AL\
 Data File : FD032219.D
 Signal(s) : FID2B.CH
 Acq On : 29 Jan 2020 9:18
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Jan 30 02:14:06 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Alaphatic EPH 010620.M
 Quant Title : GC Extractables
 QLast Update : Tue Jan 07 01:05:13 2020
 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)	11.540	2391806	17.313 ug/ml
Spiked Amount 50.000		Recovery =	34.63%
12) S 1-chlorooctadecane (S...	12.971	1835133	16.847 ug/ml
Spiked Amount 50.000		Recovery =	33.69%
Target Compounds			
1) T n-Nonane (C9)	3.334	2316298	19.707 ug/ml
2) T n-Decane (C10)	4.398	2341856	19.879 ug/ml
3) T A~Naphthalene (C11.7)	5.978	2607172	19.707 ug/ml
4) T n-Dodecane (C12)	6.408	2366660	19.885 ug/ml
5) T A~2-methylnaphthalene...	7.030	2603738	19.425 ug/ml
6) T n-Tetradecane (C14)	8.195	2348217	19.348 ug/ml
7) T n-Hexadecane (C16)	9.788	2317936	18.702 ug/ml
8) T n-Octadecane (C18)	11.224	2275257	18.018 ug/ml
10) T n-Eicosane (C20)	12.528	2215038	17.359 ug/ml
11) T n-Heneicosane (C21)	13.138	2191531	17.013 ug/ml
13) T n-Docosane (C22)	13.722	2146985	16.689 ug/ml
14) T n-Tetracosane (C24)	14.820	2114791	16.285 ug/ml
15) T n-Hexacosane (C26)	15.837	2092188	16.232 ug/ml
16) T n-Octacosane (C28)	16.783	2063474	16.188 ug/ml
17) T n-Tricontane (C30)	17.667	1980958	16.159 ug/ml
18) T n-Dotriacontane (C32)	18.495	1697437	16.215 ug/ml
19) T n-Tetratriacontane (C34)	19.274	1460600	16.516 ug/ml
20) T n-Hexatriacontane (C36)	20.010	1342203	17.031 ug/ml
21) T n-Octatriacontane (C38)	20.729	1256221	17.037 ug/ml
22) T n-Tetracontane (C40)	21.600	1336970	17.665 ug/ml

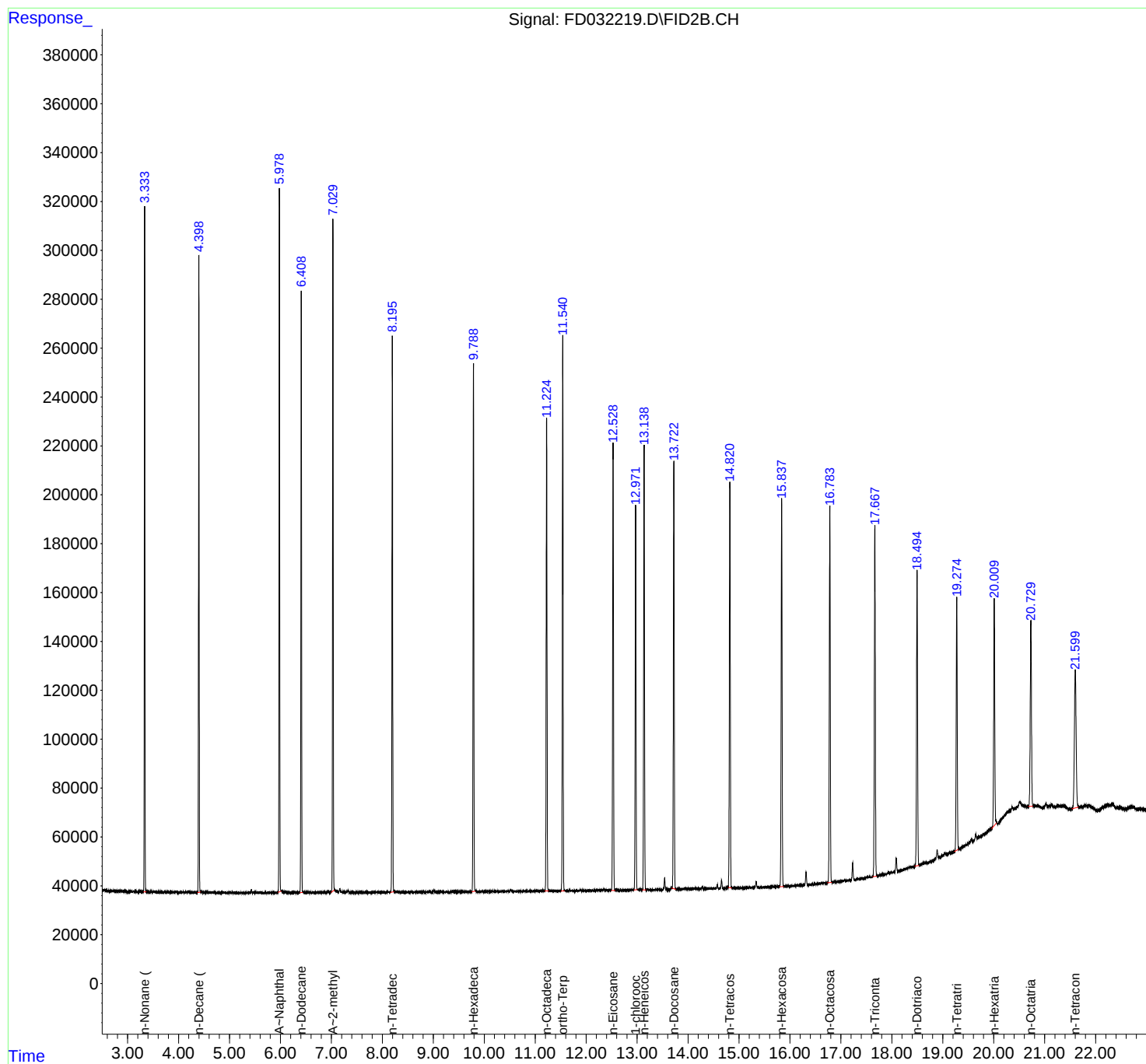
(f)=RT Delta > 1/2 Window

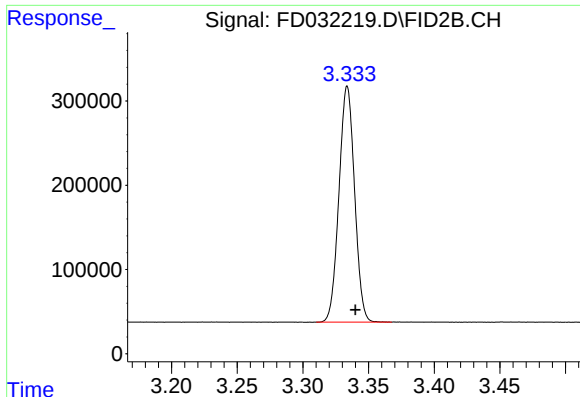
(m)=manual int.

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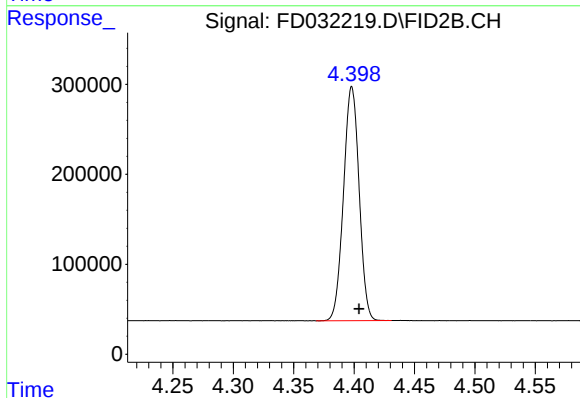
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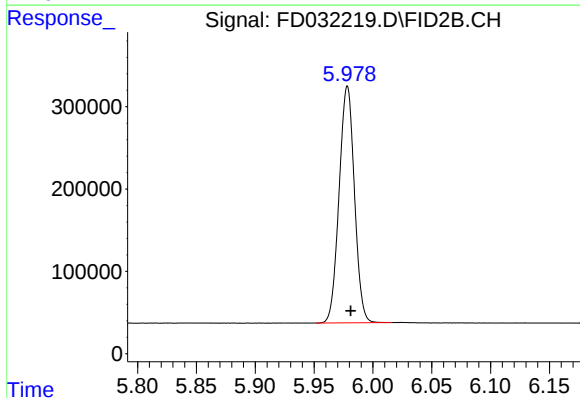
#1 n-Nonane (C9)

R.T.: 3.334 min
Delta R.T.: -0.006 min
Response: 2316298
Conc: 19.71 ug/ml



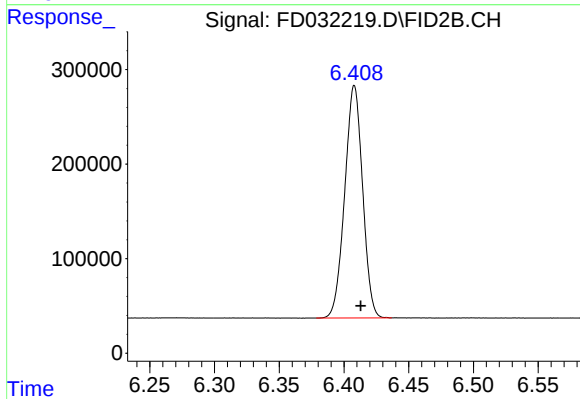
#2 n-Decane (C10)

R.T.: 4.398 min
Delta R.T.: -0.006 min
Response: 2341856
Conc: 19.88 ug/ml



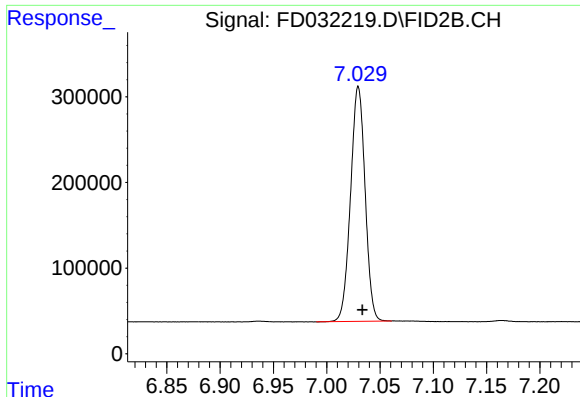
#3 A~Naphthalene (C11.7)

R.T.: 5.978 min
Delta R.T.: -0.003 min
Response: 2607172
Conc: 19.71 ug/ml



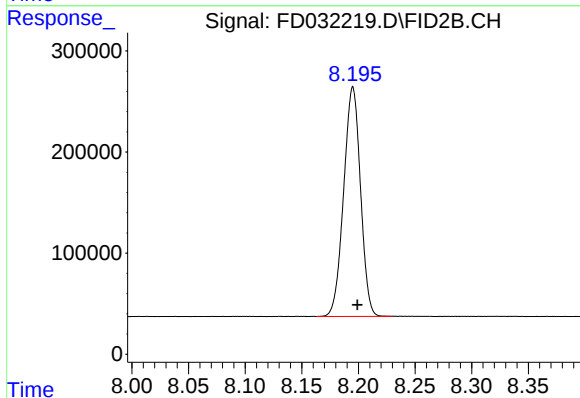
#4 n-Dodecane (C12)

R.T.: 6.408 min
Delta R.T.: -0.005 min
Response: 2366660
Conc: 19.89 ug/ml



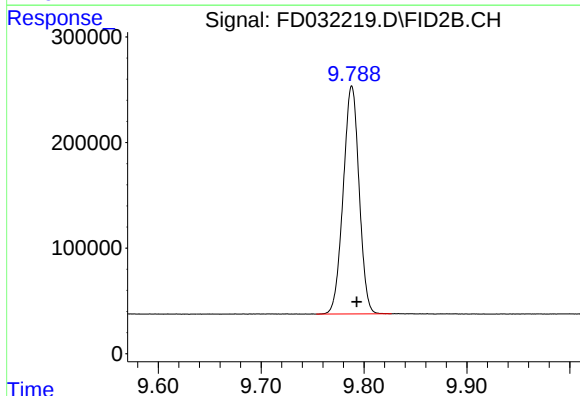
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.030 min
Delta R.T.: -0.004 min
Response: 2603738
Conc: 19.43 ug/ml



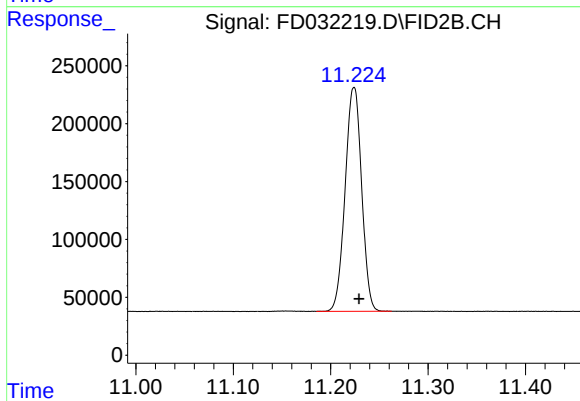
#6 n-Tetradecane (C14)

R.T.: 8.195 min
Delta R.T.: -0.004 min
Response: 2348217
Conc: 19.35 ug/ml



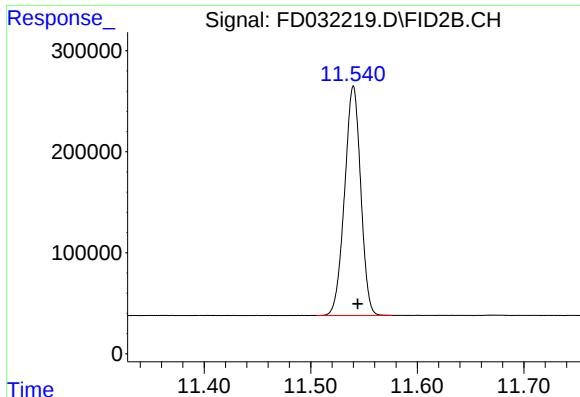
#7 n-Hexadecane (C16)

R.T.: 9.788 min
Delta R.T.: -0.005 min
Response: 2317936
Conc: 18.70 ug/ml



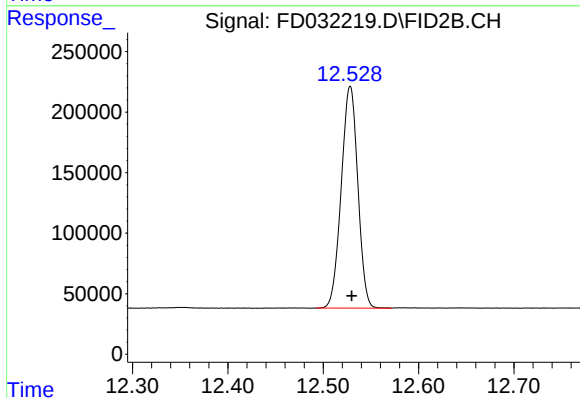
#8 n-Octadecane (C18)

R.T.: 11.224 min
Delta R.T.: -0.005 min
Response: 2275257
Conc: 18.02 ug/ml



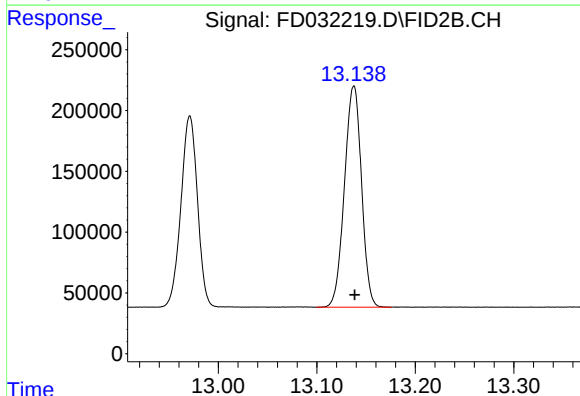
#9 ortho-Terphenyl (SURR)

R.T.: 11.540 min
Delta R.T.: -0.004 min
Response: 2391806
Conc: 17.31 ug/ml



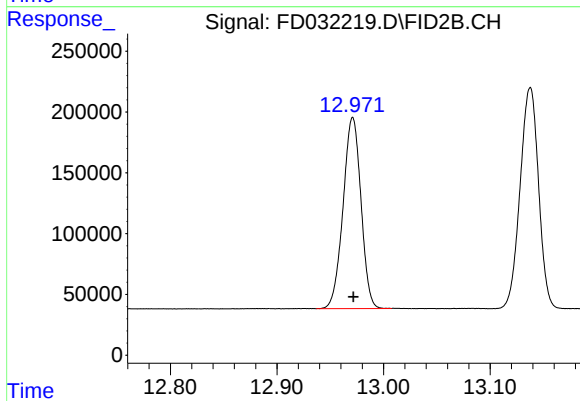
#10 n-Eicosane (C20)

R.T.: 12.528 min
Delta R.T.: -0.002 min
Response: 2215038
Conc: 17.36 ug/ml



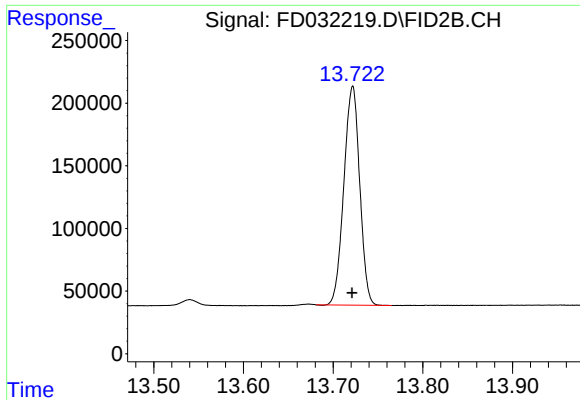
#11 n-Heneicosane (C21)

R.T.: 13.138 min
Delta R.T.: 0.000 min
Response: 2191531
Conc: 17.01 ug/ml



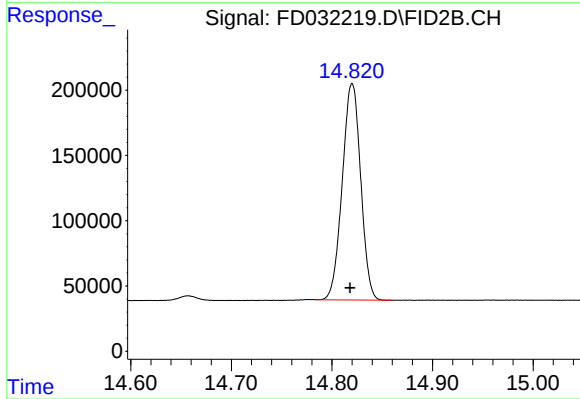
#12 1-chlorooctadecane (SURR)

R.T.: 12.971 min
Delta R.T.: 0.000 min
Response: 1835133
Conc: 16.85 ug/ml



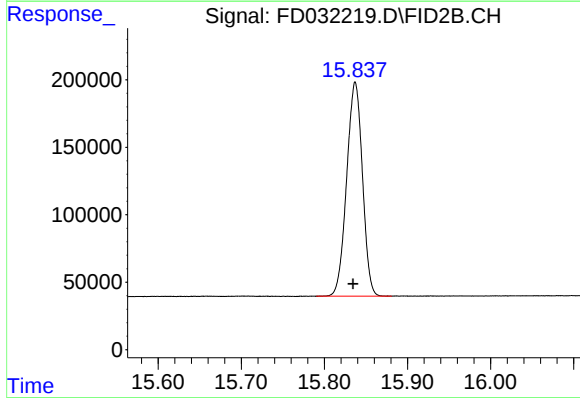
#13 n-Docosane (C22)

R.T.: 13.722 min
Delta R.T.: 0.000 min
Response: 2146985
Conc: 16.69 ug/ml



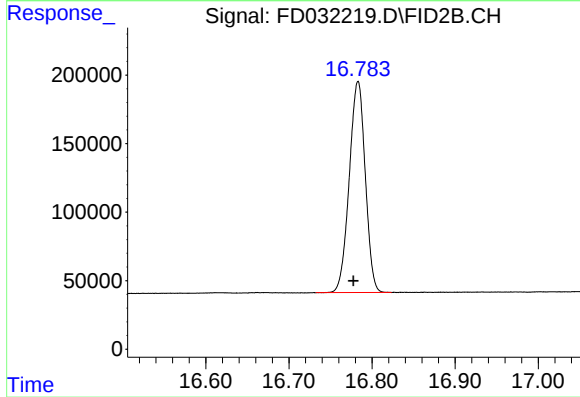
#14 n-Tetracosane (C24)

R.T.: 14.820 min
Delta R.T.: 0.002 min
Response: 2114791
Conc: 16.29 ug/ml



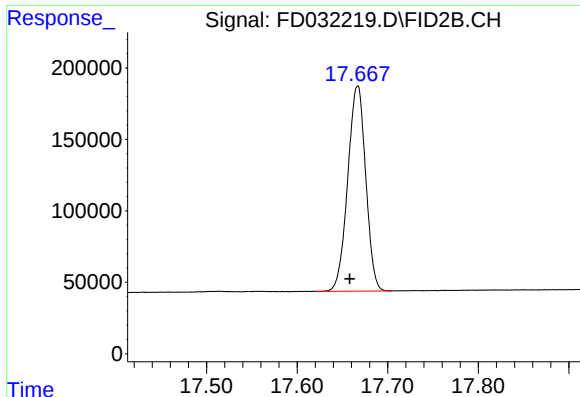
#15 n-Hexacosane (C26)

R.T.: 15.837 min
Delta R.T.: 0.003 min
Response: 2092188
Conc: 16.23 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.783 min
Delta R.T.: 0.006 min
Response: 2063474
Conc: 16.19 ug/ml



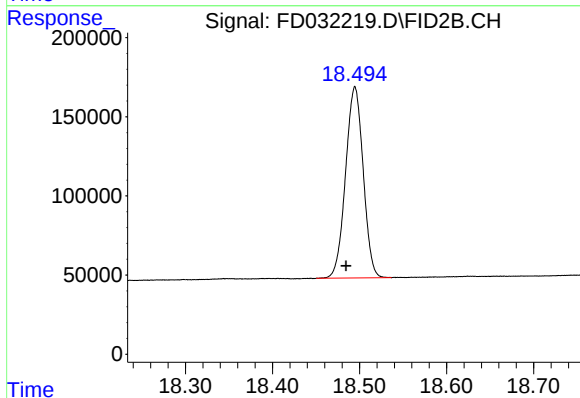
#17 n-Tricontane (C30)

R.T.: 17.667 min

Delta R.T.: 0.009 min

Response: 1980958

Conc: 16.16 ug/ml



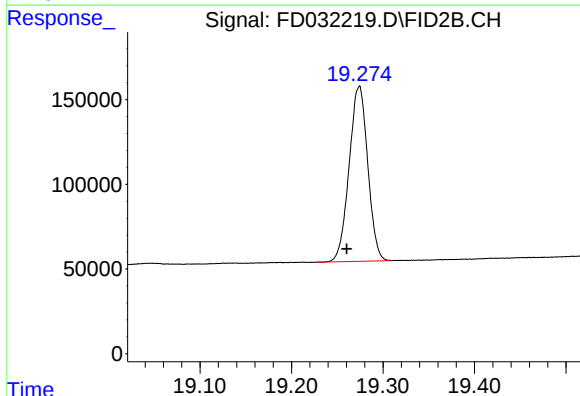
#18 n-Dotriacontane (C32)

R.T.: 18.495 min

Delta R.T.: 0.010 min

Response: 1697437

Conc: 16.21 ug/ml



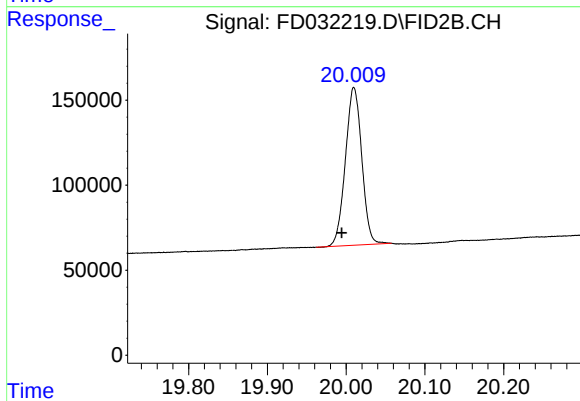
#19 n-Tetratriacontane (C34)

R.T.: 19.274 min

Delta R.T.: 0.014 min

Response: 1460600

Conc: 16.52 ug/ml



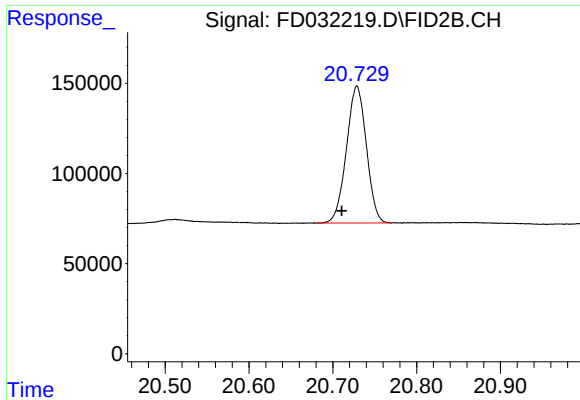
#20 n-Hexatriacontane (C36)

R.T.: 20.010 min

Delta R.T.: 0.015 min

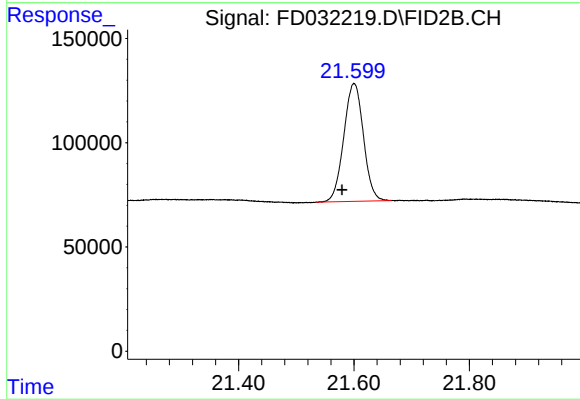
Response: 1342203

Conc: 17.03 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.729 min
Delta R.T.: 0.018 min
Response: 1256221
Conc: 17.04 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.600 min
Delta R.T.: 0.021 min
Response: 1336970
Conc: 17.66 ug/ml