

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD031720AL\
 Data File : FD032688.D
 Signal(s) : FID2B.CH
 Acq On : 18 Mar 2020 3:22
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: sample.E
 Quant Time: Mar 18 04:48:54 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Alaphatic EPH 030420.M
 Quant Title : GC Extractables
 QLast Update : Thu Mar 05 10:06:03 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)	11.512	2543662	17.732 ug/ml
Spiked Amount 50.000		Recovery =	35.46%
12) S 1-chlorooctadecane (S...	12.941	1927536	17.256 ug/ml
Spiked Amount 50.000		Recovery =	34.51%
Target Compounds			
1) T n-Nonane (C9)	3.320	2621348	20.646 ug/ml
2) T n-Decane (C10)	4.379	2635821	20.697 ug/ml
3) T A~Naphthalene (C11.7)	5.955	2849989	20.084 ug/ml
4) T n-Dodecane (C12)	6.386	2646188	20.331 ug/ml
5) T A~2-methylnaphthalene...	7.006	2831060	19.567 ug/ml
6) T n-Tetradecane (C14)	8.171	2598384	19.743 ug/ml
7) T n-Hexadecane (C16)	9.763	2524528	19.060 ug/ml
8) T n-Octadecane (C18)	11.198	2441466	18.362 ug/ml
10) T n-Eicosane (C20)	12.499	2345062	17.748 ug/ml
11) T n-Heneicosane (C21)	13.108	2311361	17.441 ug/ml
13) T n-Docosane (C22)	13.692	2246204	17.126 ug/ml
14) T n-Tetracosane (C24)	14.788	2195144	16.861 ug/ml
15) T n-Hexacosane (C26)	15.805	2133166	16.746 ug/ml
16) T n-Octacosane (C28)	16.750	2083035	16.841 ug/ml
17) T n-Tricontane (C30)	17.632	2028396	17.231 ug/ml
18) T n-Dotriacontane (C32)	18.460	1760643	17.632 ug/ml
19) T n-Tetratriacontane (C34)	19.239	1529992	18.071 ug/ml
20) T n-Hexatriacontane (C36)	19.975	1448598	18.627 ug/ml
21) T n-Octatriacontane (C38)	20.688	1391246	18.806 ug/ml
22) T n-Tetracontane (C40)	21.549	1396268	17.229 ug/ml

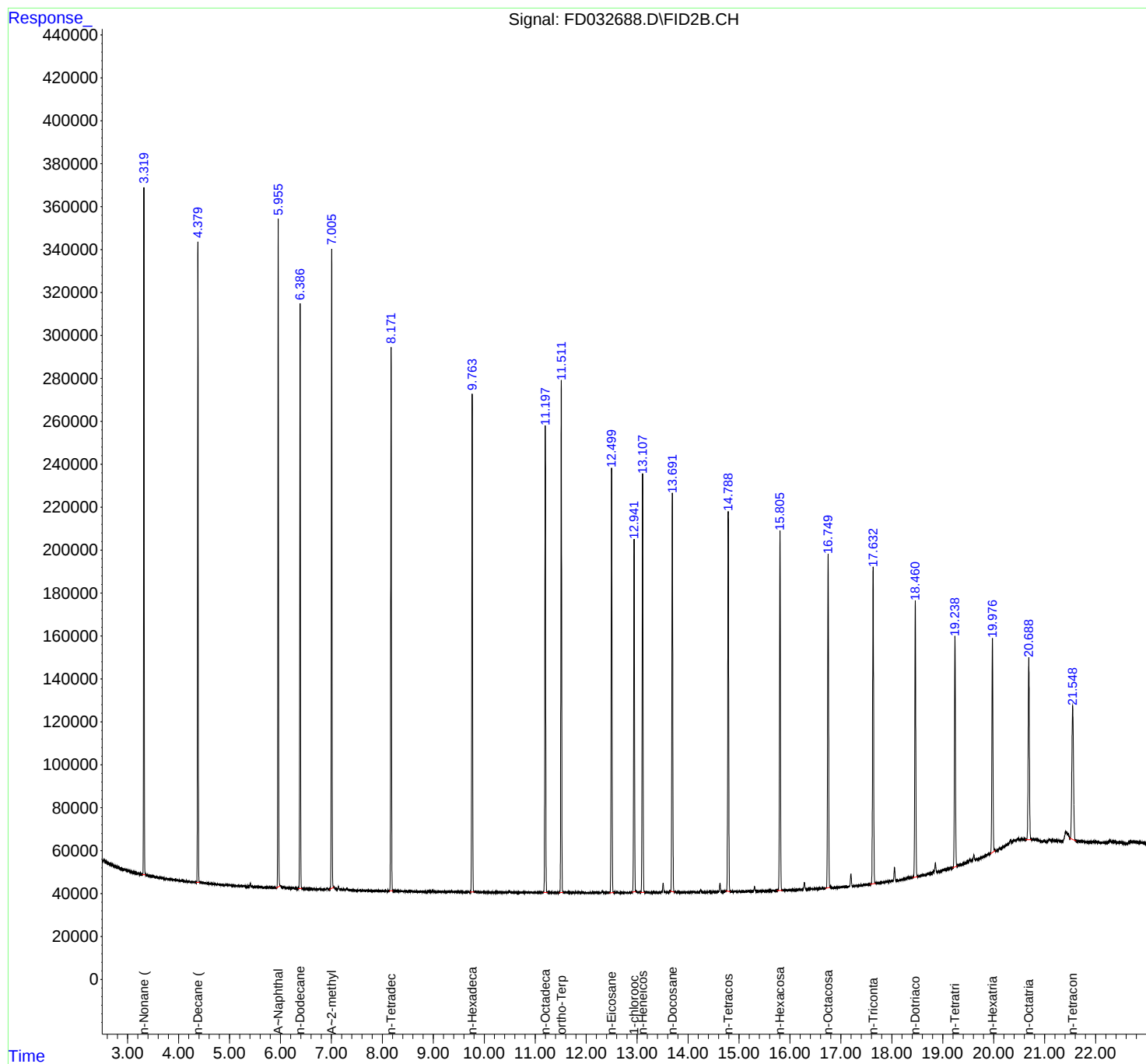
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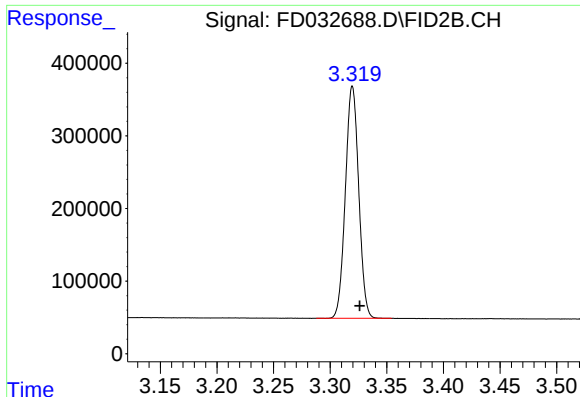
(m)=manual int.

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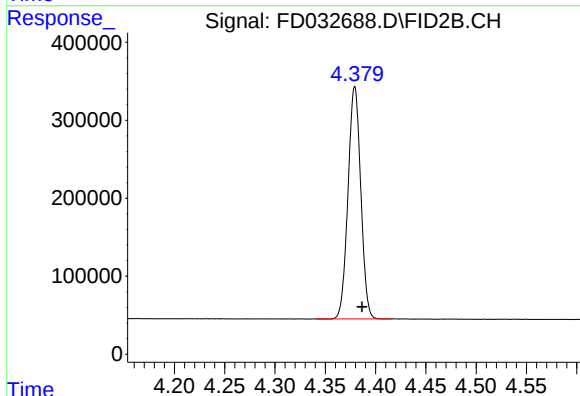
Volume Inj. : 1 uL
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um





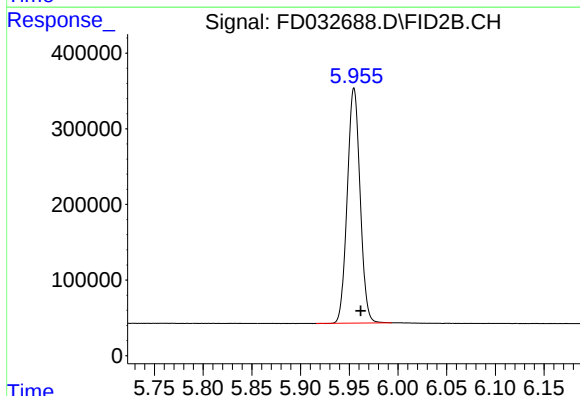
#1 n-Nonane (C9)

R.T.: 3.320 min
Delta R.T.: -0.006 min
Response: 2621348
Conc: 20.65 ug/ml



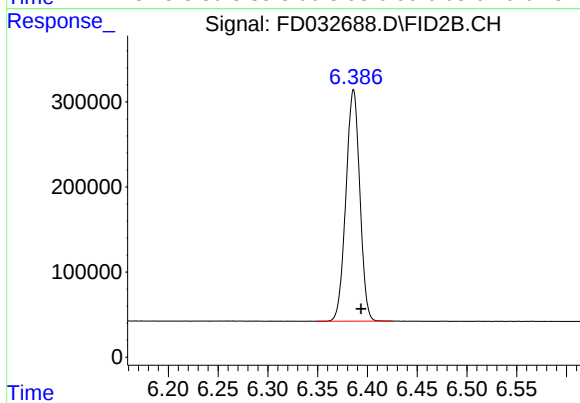
#2 n-Decane (C10)

R.T.: 4.379 min
Delta R.T.: -0.007 min
Response: 2635821
Conc: 20.70 ug/ml



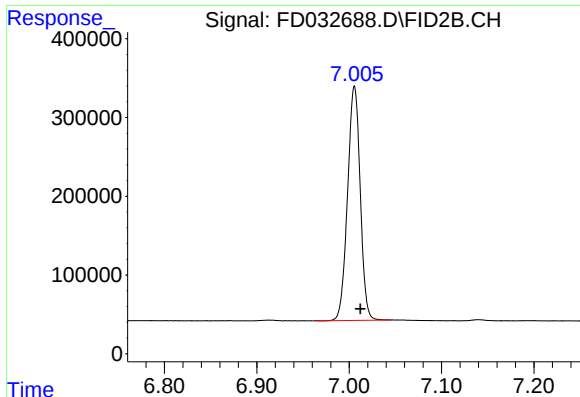
#3 A~Naphthalene (C11.7)

R.T.: 5.955 min
Delta R.T.: -0.007 min
Response: 2849989
Conc: 20.08 ug/ml



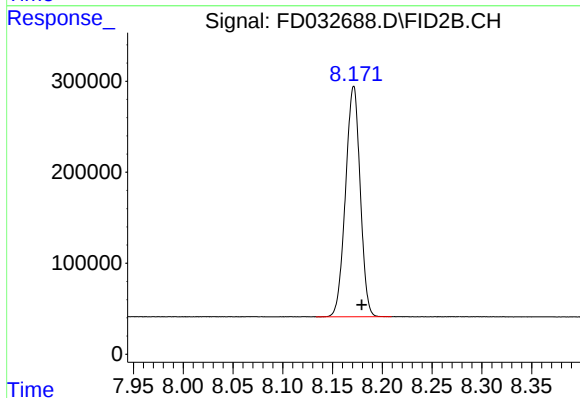
#4 n-Dodecane (C12)

R.T.: 6.386 min
Delta R.T.: -0.008 min
Response: 2646188
Conc: 20.33 ug/ml



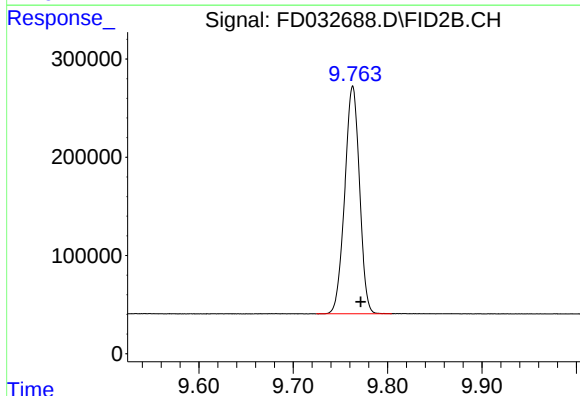
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.006 min
Delta R.T.: -0.006 min
Response: 2831060
Conc: 19.57 ug/ml



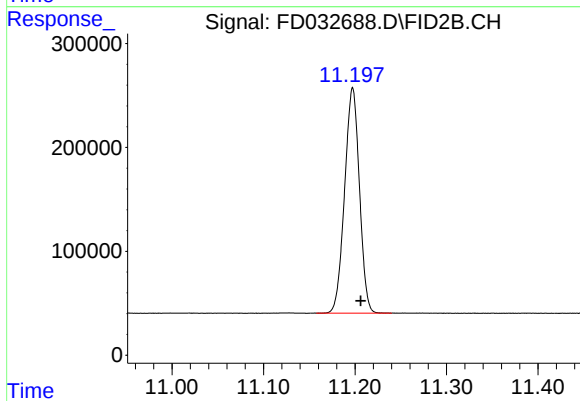
#6 n-Tetradecane (C14)

R.T.: 8.171 min
Delta R.T.: -0.008 min
Response: 2598384
Conc: 19.74 ug/ml



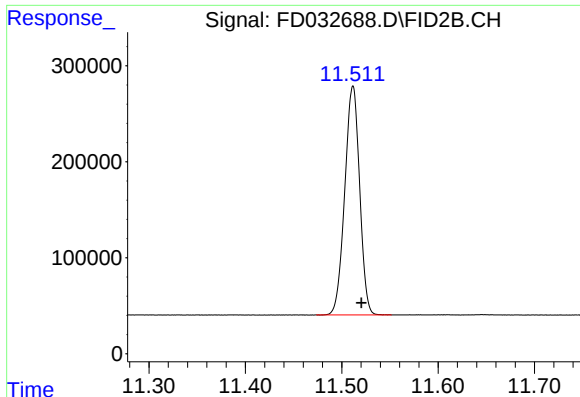
#7 n-Hexadecane (C16)

R.T.: 9.763 min
Delta R.T.: -0.008 min
Response: 2524528
Conc: 19.06 ug/ml



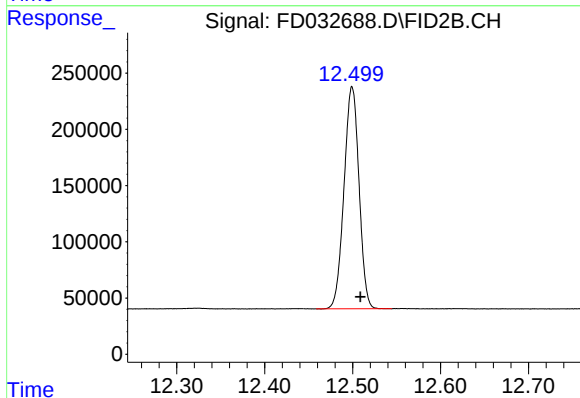
#8 n-Octadecane (C18)

R.T.: 11.198 min
Delta R.T.: -0.009 min
Response: 2441466
Conc: 18.36 ug/ml



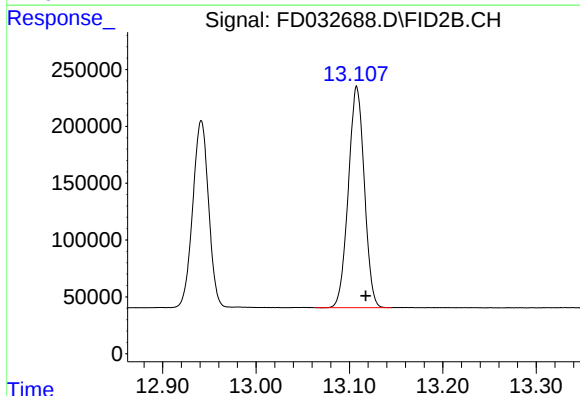
#9 ortho-Terphenyl (SURR)

R.T.: 11.512 min
Delta R.T.: -0.009 min
Response: 2543662
Conc: 17.73 ug/ml



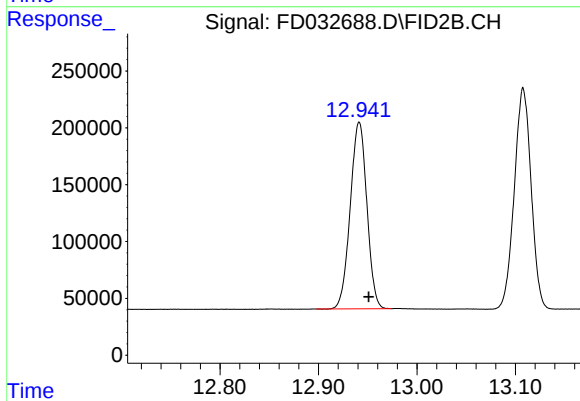
#10 n-Eicosane (C20)

R.T.: 12.499 min
Delta R.T.: -0.009 min
Response: 2345062
Conc: 17.75 ug/ml



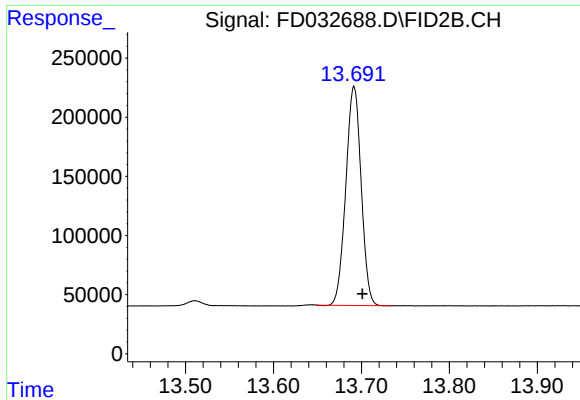
#11 n-Heneicosane (C21)

R.T.: 13.108 min
Delta R.T.: -0.009 min
Response: 2311361
Conc: 17.44 ug/ml



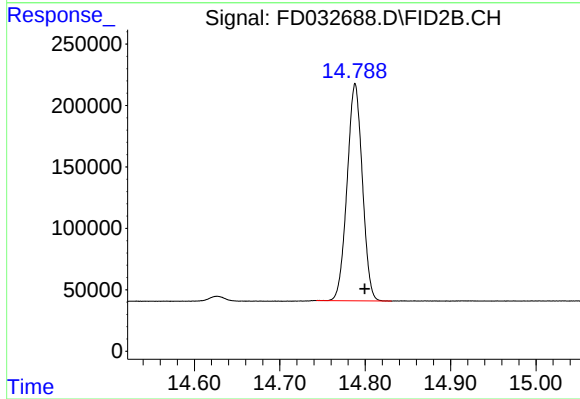
#12 1-chlorooctadecane (SURR)

R.T.: 12.941 min
Delta R.T.: -0.009 min
Response: 1927536
Conc: 17.26 ug/ml



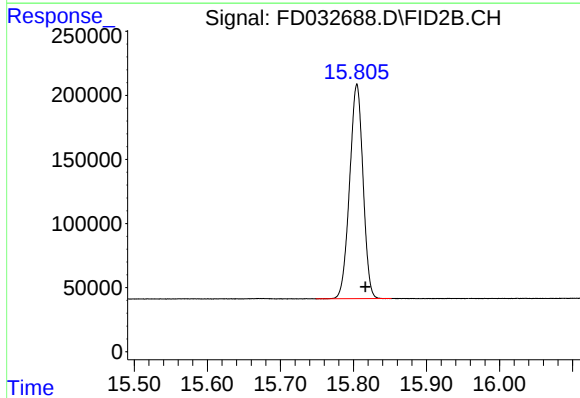
#13 n-Docosane (C22)

R.T.: 13.692 min
Delta R.T.: -0.010 min
Response: 2246204
Conc: 17.13 ug/ml



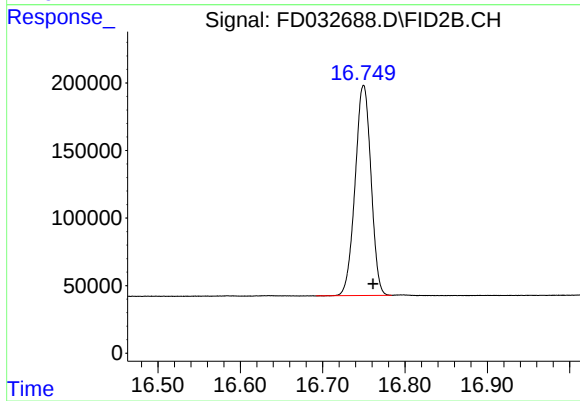
#14 n-Tetracosane (C24)

R.T.: 14.788 min
Delta R.T.: -0.011 min
Response: 2195144
Conc: 16.86 ug/ml



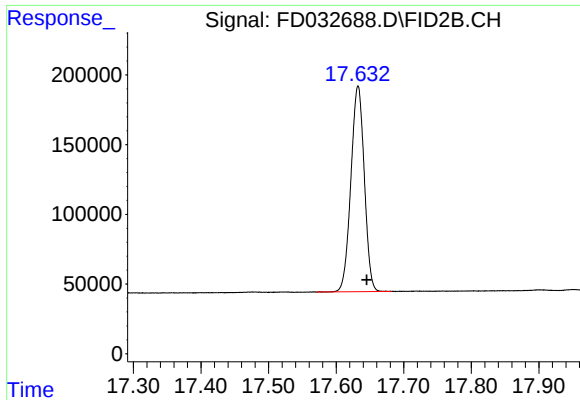
#15 n-Hexacosane (C26)

R.T.: 15.805 min
Delta R.T.: -0.012 min
Response: 2133166
Conc: 16.75 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.750 min
Delta R.T.: -0.011 min
Response: 2083035
Conc: 16.84 ug/ml



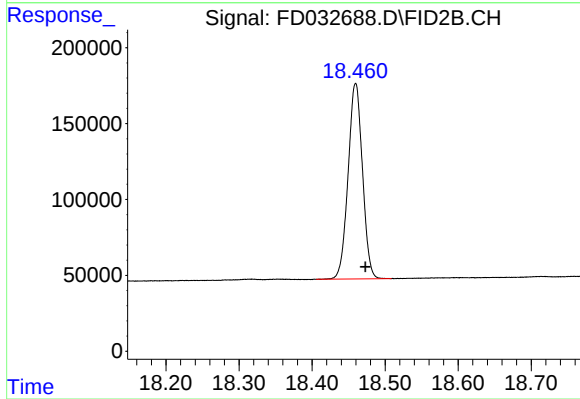
#17 n-Tricontane (C30)

R.T.: 17.632 min

Delta R.T.: -0.013 min

Response: 2028396

Conc: 17.23 ug/ml



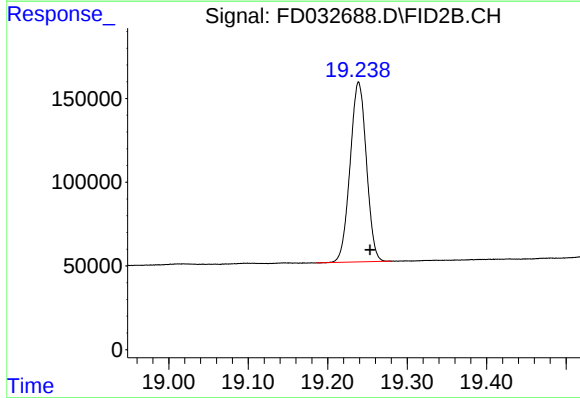
#18 n-Dotriacontane (C32)

R.T.: 18.460 min

Delta R.T.: -0.013 min

Response: 1760643

Conc: 17.63 ug/ml



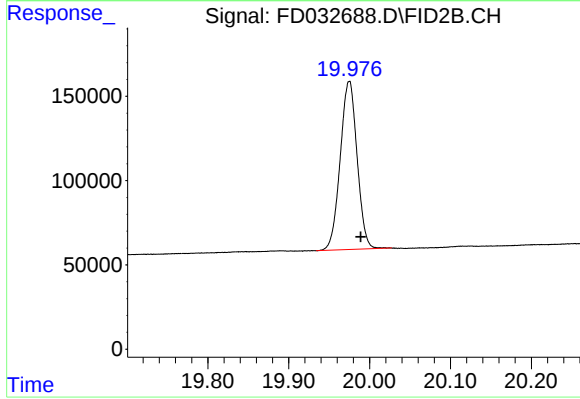
#19 n-Tetratriacontane (C34)

R.T.: 19.239 min

Delta R.T.: -0.014 min

Response: 1529992

Conc: 18.07 ug/ml



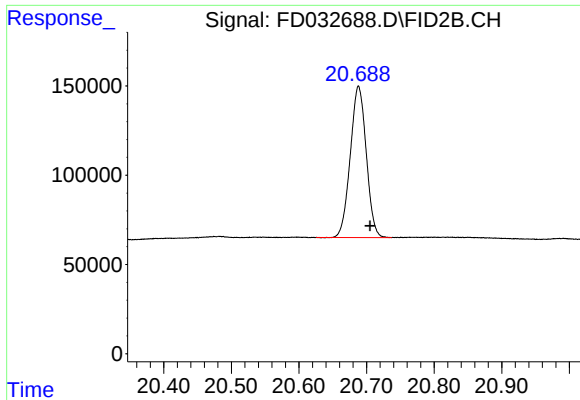
#20 n-Hexatriacontane (C36)

R.T.: 19.975 min

Delta R.T.: -0.014 min

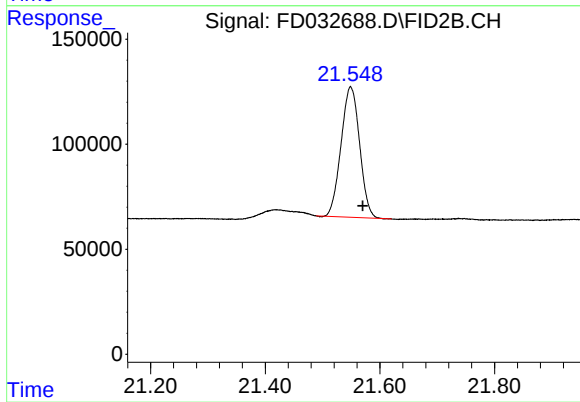
Response: 1448598

Conc: 18.63 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.688 min
Delta R.T.: -0.017 min
Response: 1391246
Conc: 18.81 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.549 min
Delta R.T.: -0.022 min
Response: 1396268
Conc: 17.23 ug/ml