

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD012720AL\
 Data File : FD032165.D
 Signal(s) : FID2B.CH
 Acq On : 27 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 28 04:33:49 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)	11.536	2712577	19.635 ug/ml
Spiked Amount 50.000		Recovery =	39.27%
12) S 1-chlorooctadecane (S...	12.967	2069335	18.997 ug/ml
Spiked Amount 50.000		Recovery =	37.99%
Target Compounds			
1) T n-Nonane (C9)	3.333	2529651	21.522 ug/ml
2) T n-Decane (C10)	4.396	2555613	21.693 ug/ml
3) T A~Naphthalene (C11.7)	5.974	2861994	21.633 ug/ml
4) T n-Dodecane (C12)	6.406	2586479	21.732 ug/ml
5) T A~2-methylnaphthalene...	7.026	2871920	21.426 ug/ml
6) T n-Tetradecane (C14)	8.192	2582961	21.282 ug/ml
7) T n-Hexadecane (C16)	9.786	2574342	20.770 ug/ml
8) T n-Octadecane (C18)	11.221	2551045	20.201 ug/ml
10) T n-Eicosane (C20)	12.525	2512140	19.687 ug/ml
11) T n-Heneicosane (C21)	13.134	2486809	19.306 ug/ml
13) T n-Docosane (C22)	13.718	2534156	19.699 ug/ml
14) T n-Tetracosane (C24)	14.817	2647477	20.387 ug/ml
15) T n-Hexacosane (C26)	15.834	2660389	20.641 ug/ml
16) T n-Octacosane (C28)	16.779	2663348	20.895 ug/ml
17) T n-Tricontane (C30)	17.662	2637657	21.516 ug/ml
18) T n-Dotriacontane (C32)	18.491	2282428	21.803 ug/ml
19) T n-Tetratriacontane (C34)	19.270	1824511	20.631 ug/ml
20) T n-Hexatriacontane (C36)	20.006	1587824	20.147 ug/ml
21) T n-Octatriacontane (C38)	20.724	1451824	19.689 ug/ml
22) T n-Tetracontane (C40)	21.594	1446429	19.111 ug/ml

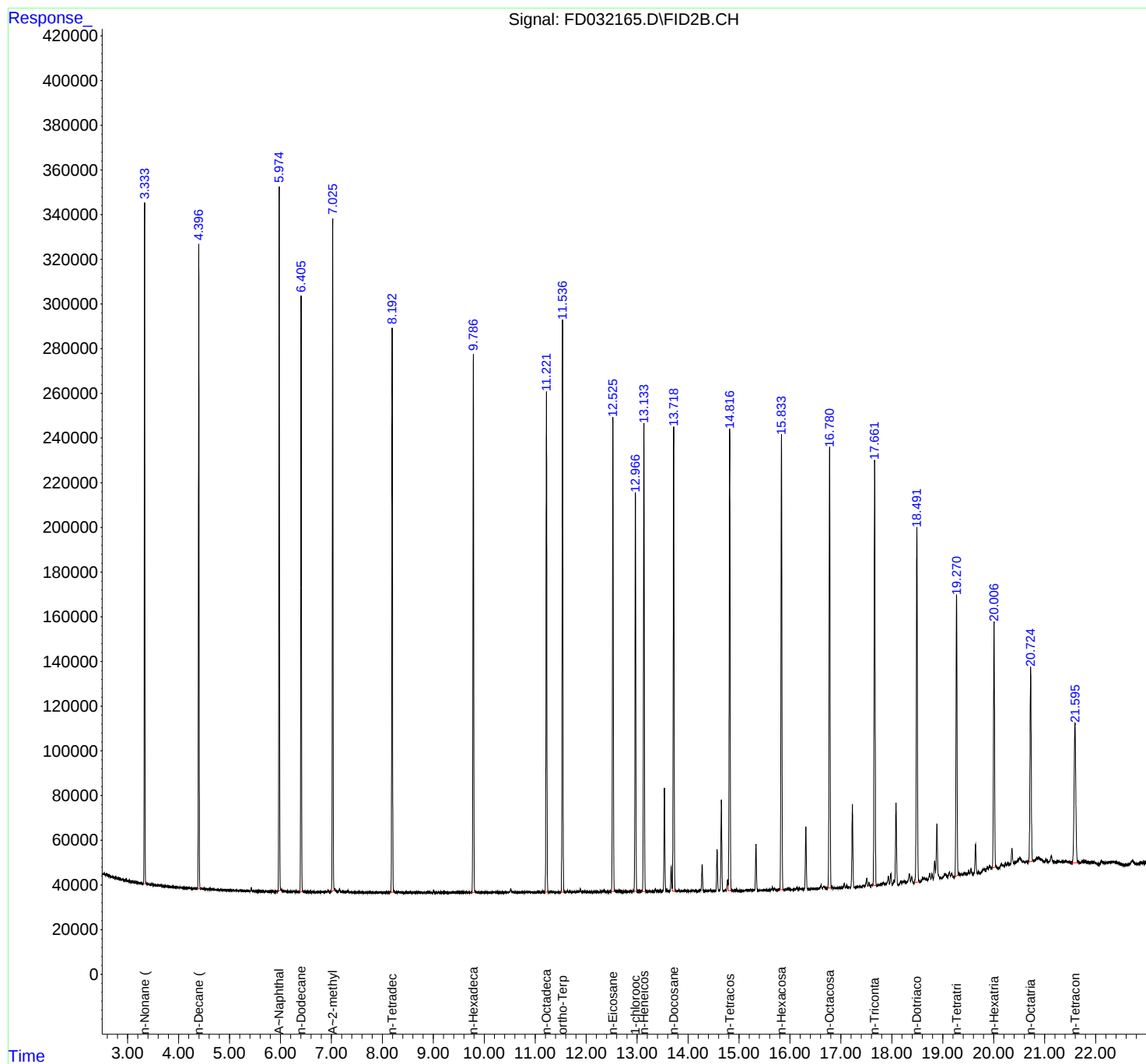
(f)=RT Delta > 1/2 Window

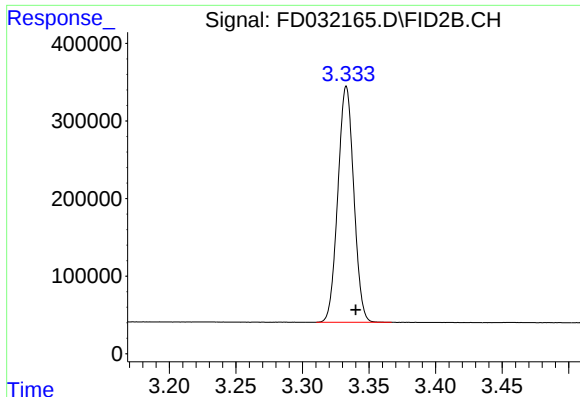
(m)=manual int.

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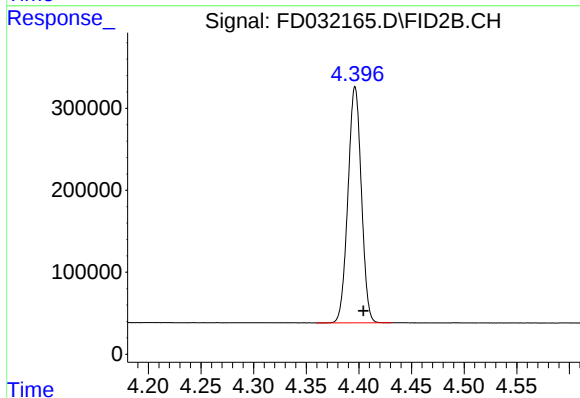
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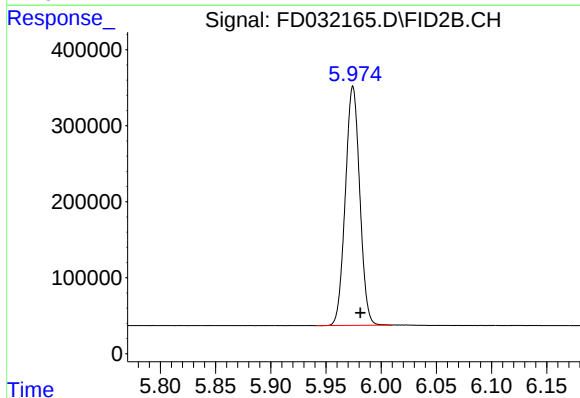
#1 n-Nonane (C9)

R.T.: 3.333 min
Delta R.T.: -0.007 min
Response: 2529651
Conc: 21.52 ug/ml



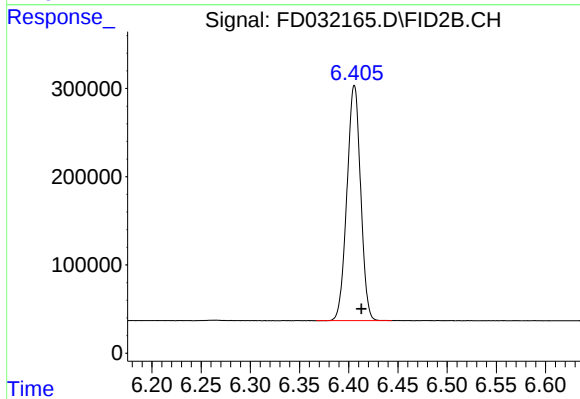
#2 n-Decane (C10)

R.T.: 4.396 min
Delta R.T.: -0.008 min
Response: 2555613
Conc: 21.69 ug/ml



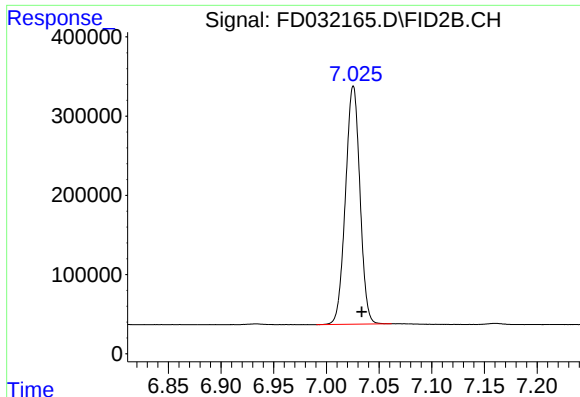
#3 A~Naphthalene (C11.7)

R.T.: 5.974 min
Delta R.T.: -0.007 min
Response: 2861994
Conc: 21.63 ug/ml



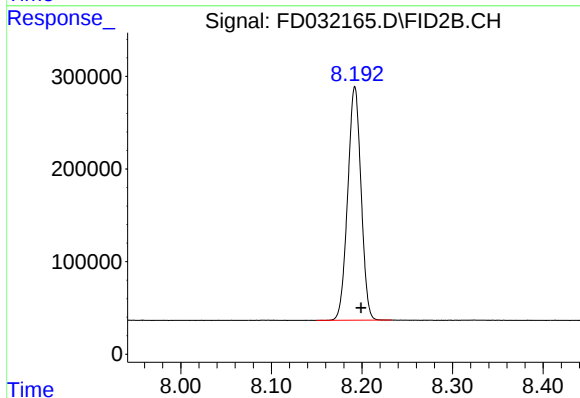
#4 n-Dodecane (C12)

R.T.: 6.406 min
Delta R.T.: -0.007 min
Response: 2586479
Conc: 21.73 ug/ml



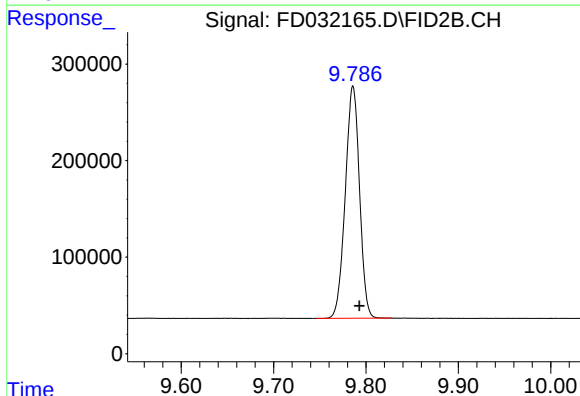
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.026 min
Delta R.T.: -0.008 min
Response: 2871920
Conc: 21.43 ug/ml



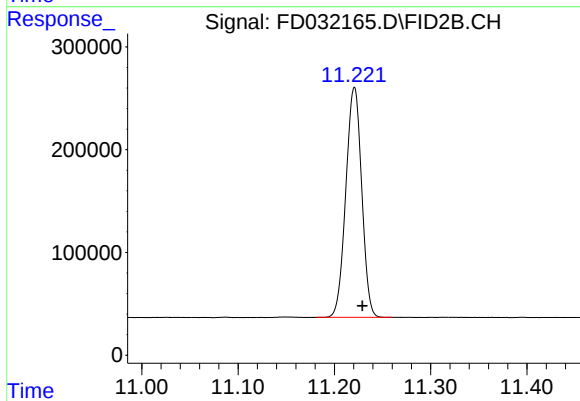
#6 n-Tetradecane (C14)

R.T.: 8.192 min
Delta R.T.: -0.007 min
Response: 2582961
Conc: 21.28 ug/ml



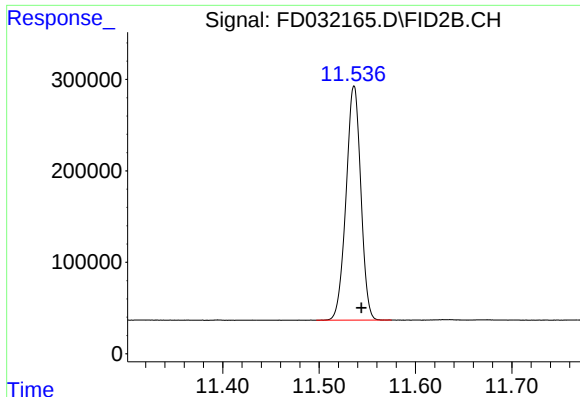
#7 n-Hexadecane (C16)

R.T.: 9.786 min
Delta R.T.: -0.007 min
Response: 2574342
Conc: 20.77 ug/ml



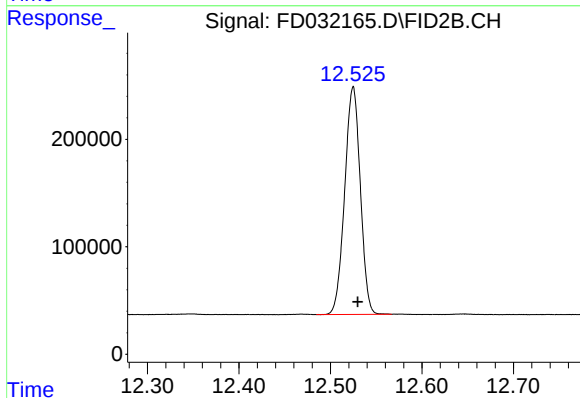
#8 n-Octadecane (C18)

R.T.: 11.221 min
Delta R.T.: -0.008 min
Response: 2551045
Conc: 20.20 ug/ml



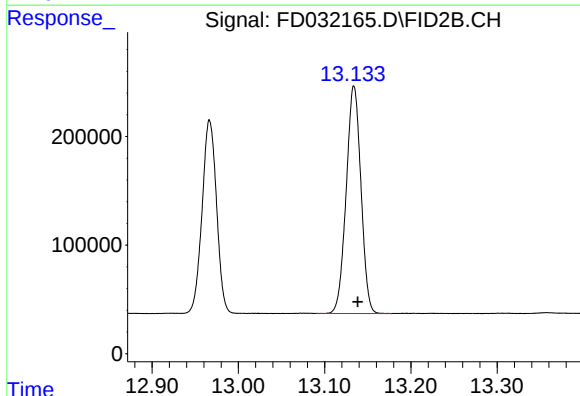
#9 ortho-Terphenyl (SURR)

R.T.: 11.536 min
Delta R.T.: -0.008 min
Response: 2712577
Conc: 19.64 ug/ml



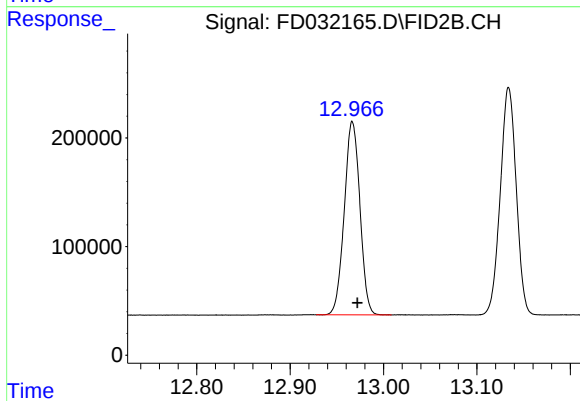
#10 n-Eicosane (C20)

R.T.: 12.525 min
Delta R.T.: -0.005 min
Response: 2512140
Conc: 19.69 ug/ml



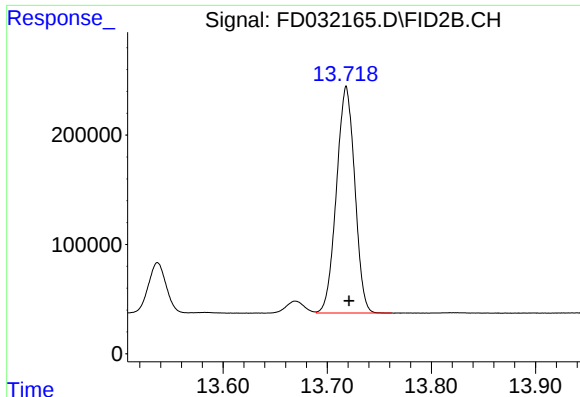
#11 n-Heneicosane (C21)

R.T.: 13.134 min
Delta R.T.: -0.005 min
Response: 2486809
Conc: 19.31 ug/ml



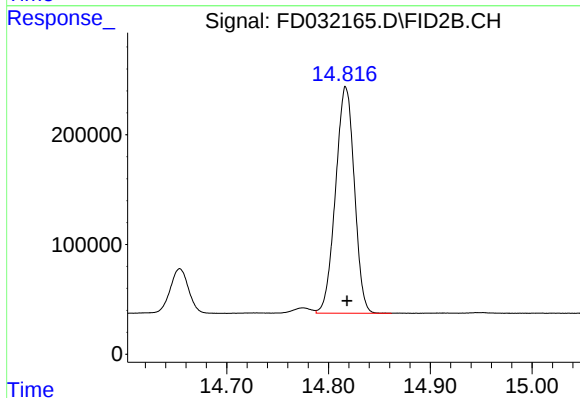
#12 1-chlorooctadecane (SURR)

R.T.: 12.967 min
Delta R.T.: -0.005 min
Response: 2069335
Conc: 19.00 ug/ml



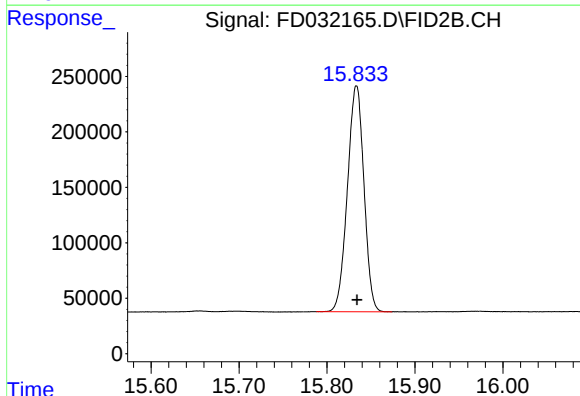
#13 n-Docosane (C22)

R.T.: 13.718 min
Delta R.T.: -0.003 min
Response: 2534156
Conc: 19.70 ug/ml



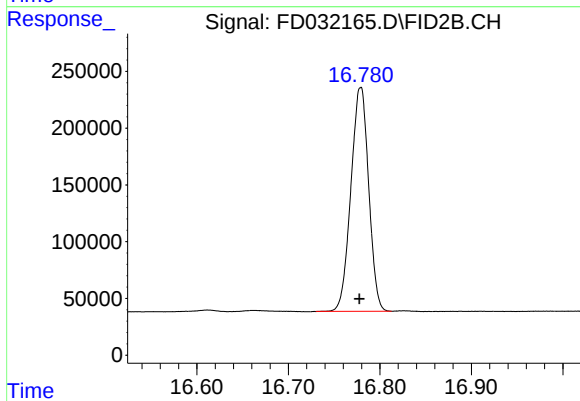
#14 n-Tetracosane (C24)

R.T.: 14.817 min
Delta R.T.: -0.001 min
Response: 2647477
Conc: 20.39 ug/ml



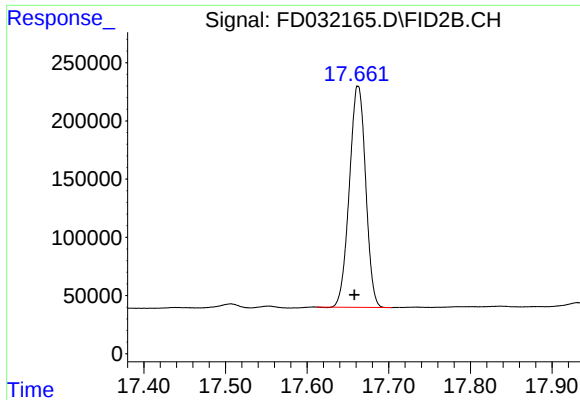
#15 n-Hexacosane (C26)

R.T.: 15.834 min
Delta R.T.: 0.000 min
Response: 2660389
Conc: 20.64 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.779 min
Delta R.T.: 0.002 min
Response: 2663348
Conc: 20.89 ug/ml



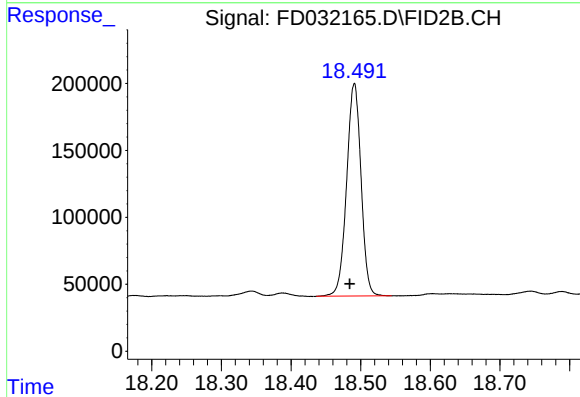
#17 n-Tricontane (C30)

R.T.: 17.662 min

Delta R.T.: 0.004 min

Response: 2637657

Conc: 21.52 ug/ml



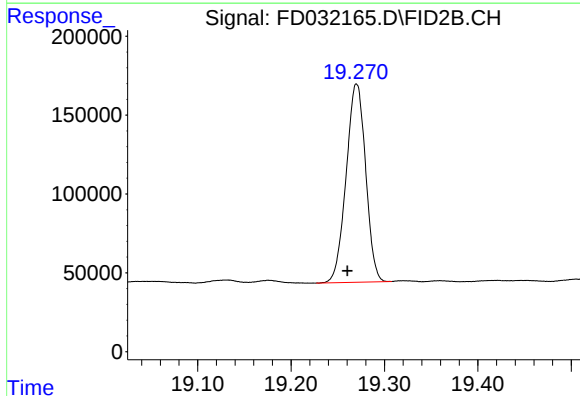
#18 n-Dotriacontane (C32)

R.T.: 18.491 min

Delta R.T.: 0.006 min

Response: 2282428

Conc: 21.80 ug/ml



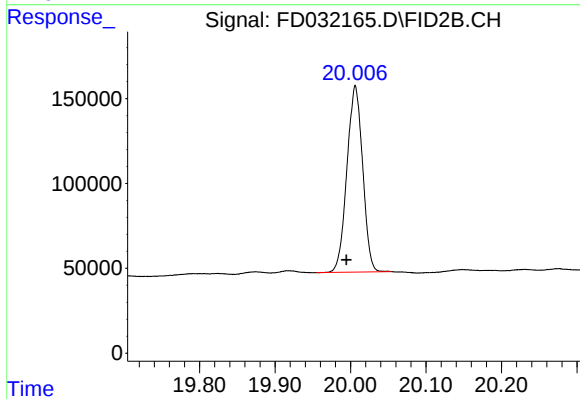
#19 n-Tetratriacontane (C34)

R.T.: 19.270 min

Delta R.T.: 0.010 min

Response: 1824511

Conc: 20.63 ug/ml



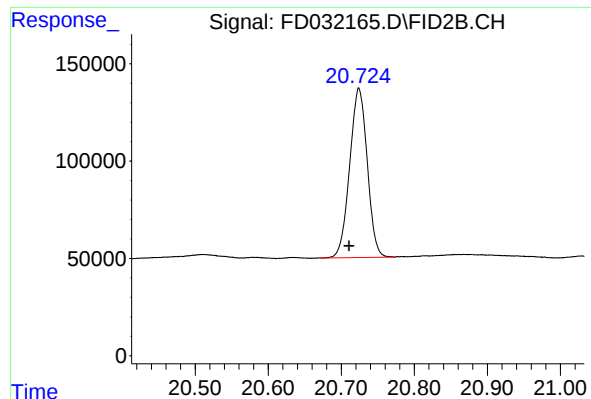
#20 n-Hexatriacontane (C36)

R.T.: 20.006 min

Delta R.T.: 0.012 min

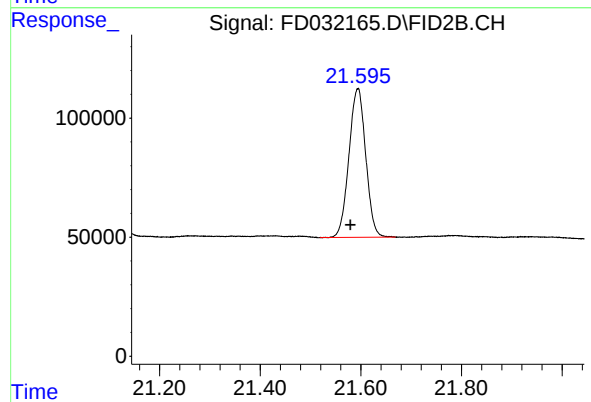
Response: 1587824

Conc: 20.15 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.724 min
Delta R.T.: 0.013 min
Response: 1451824
Conc: 19.69 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.594 min
Delta R.T.: 0.015 min
Response: 1446429
Conc: 19.11 ug/ml